

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
 Data File : VX012011.D
 Acq On : 02 Sep 2019 12:54
 Operator : SY/SP
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Sep 03 04:45:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090219S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 04:42:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	409756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	537945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	499020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294345	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	39721	10.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.42%	
35) Dibromofluoromethane	5.48	113	39851	11.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.94%	
50) Toluene-d8	8.71	98	130153	10.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.96%	
62) 4-Bromofluorobenzene	11.13	95	63662	11.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.46%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	25773	10.348	ug/l 96
3) Chloromethane	1.31	50	23967	8.543	ug/l 99
4) Vinyl Chloride	1.39	62	24710	9.127	ug/l 95
5) Bromomethane	1.62	94	18096	9.626	ug/l 99
6) Chloroethane	1.71	64	15007	8.919	ug/l 99
7) Trichlorofluoromethane	1.92	101	46488	9.834	ug/l 99
8) Diethyl Ether	2.17	74	13628	8.524	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30230	9.830	ug/l 98
10) Methyl Iodide	2.50	142	21246	7.416	ug/l 98
11) Tert butyl alcohol	3.03	59	15332	41.980	ug/l 98
12) 1,1-Dichloroethene	2.36	96	26140	9.184	ug/l 99
13) Acrolein	2.28	56	6546	37.118	ug/l 91
14) Allyl chloride	2.72	41	44371	8.461	ug/l 98
15) Acrylonitrile	3.13	53	35624	41.205	ug/l 99
16) Acetone	2.43	43	36762	44.529	ug/l 100
17) Carbon Disulfide	2.56	76	66532	8.128	ug/l 99
18) Methyl Acetate	2.76	43	18218	8.076	ug/l 96
19) Methyl tert-butyl Ether	3.18	73	78946	8.693	ug/l 100
20) Methylene Chloride	2.84	84	32239	7.891	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	30467	9.108	ug/l 96
22) Diisopropyl ether	3.84	45	90172	8.450	ug/l 91
23) Vinyl Acetate	3.80	43	281025	41.021	ug/l 98
24) 1,1-Dichloroethane	3.69	63	53388	9.006	ug/l 99
25) 2-Butanone	4.66	43	48766	41.096	ug/l 99
26) 2,2-Dichloropropane	4.56	77	50861	10.069	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	35597	9.084	ug/l 99
28) Bromochloromethane	5.00	49	20703	7.923	ug/l 99
29) Tetrahydrofuran	5.12	42	28734	38.813	ug/l 97
30) Chloroform	5.20	83	58237	9.154	ug/l 95
31) Cyclohexane	5.56	56	44810	9.247	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	54874	9.620	ug/l 99
36) 1,1-Dichloropropene	5.78	75	40256	9.454	ug/l 99
37) Ethyl Acetate	4.82	43	19695	8.028	ug/l # 91
38) Carbon Tetrachloride	5.77	117	49657	9.981	ug/l 97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	49954	9.792	ug/l	97
40) Benzene	6.13	78	117110	9.305	ug/l	97
41) Methacrylonitrile	5.03	41	11934	8.230	ug/l	98
42) 1,2-Dichloroethane	6.18	62	40211	9.411	ug/l	99
43) Isopropyl Acetate	6.44	43	41891	8.403	ug/l	99
44) Trichloroethene	7.20	130	38924	9.861	ug/l	99
45) 1,2-Dichloropropane	7.50	63	29406	8.982	ug/l	98
46) Dibromomethane	7.65	93	17293	8.861	ug/l	98
47) Bromodichloromethane	7.89	83	44603	9.232	ug/l	99
48) Methyl methacrylate	7.76	41	20472	8.440	ug/l	98
49) 1,4-Dioxane	7.73	88	5999	180.817	ug/l #	94
51) 4-Methyl-2-Pentanone	8.64	43	106625	42.181	ug/l	100
52) Toluene	8.78	92	79698	9.531	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44290	8.952	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	49854	8.978	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	26242	9.191	ug/l	97
56) Ethyl methacrylate	9.17	69	34305	8.719	ug/l	98
57) 1,3-Dichloropropane	9.37	76	42802	9.050	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	78324	42.463	ug/l	99
59) 2-Hexanone	9.48	43	75910	42.244	ug/l	100
60) Dibromochloromethane	9.57	129	35187	9.152	ug/l	98
61) 1,2-Dibromoethane	9.67	107	25429	8.982	ug/l	98
64) Tetrachloroethene	9.33	164	41638	10.334	ug/l	96
65) Chlorobenzene	10.14	112	94244	9.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	36704	9.453	ug/l	97
67) Ethyl Benzene	10.25	91	160012	9.789	ug/l	99
68) m/p-Xylenes	10.36	106	125410	19.841	ug/l	100
69) o-Xylene	10.70	106	61110	9.935	ug/l	100
70) Styrene	10.71	104	103760	9.612	ug/l	100
71) Bromoform	10.85	173	24590	8.959	ug/l #	99
73) Isopropylbenzene	11.01	105	167141	9.897	ug/l	99
74) N-amyl acetate	10.89	43	40082	8.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	30341	8.932	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	33101	11.880	ug/l	77
77) Bromobenzene	11.25	156	48383	9.876	ug/l	100
78) n-propylbenzene	11.35	91	188192	9.863	ug/l	99
79) 2-Chlorotoluene	11.42	91	111155	9.704	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	143802	9.909	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	9826	8.683	ug/l	98
82) 4-Chlorotoluene	11.51	91	133422	9.666	ug/l	100
83) tert-Butylbenzene	11.76	119	148896	10.055	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	144382	9.707	ug/l	98
85) sec-Butylbenzene	11.94	105	171844	10.025	ug/l	100
86) p-Isopropyltoluene	12.06	119	167258	10.053	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	90784	10.001	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	89672	9.777	ug/l	96
89) n-Butylbenzene	12.39	91	144612	9.848	ug/l	99
90) Hexachloroethane	12.59	117	30892	9.606	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	80775	9.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5905	8.733	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 04:42:10 2019
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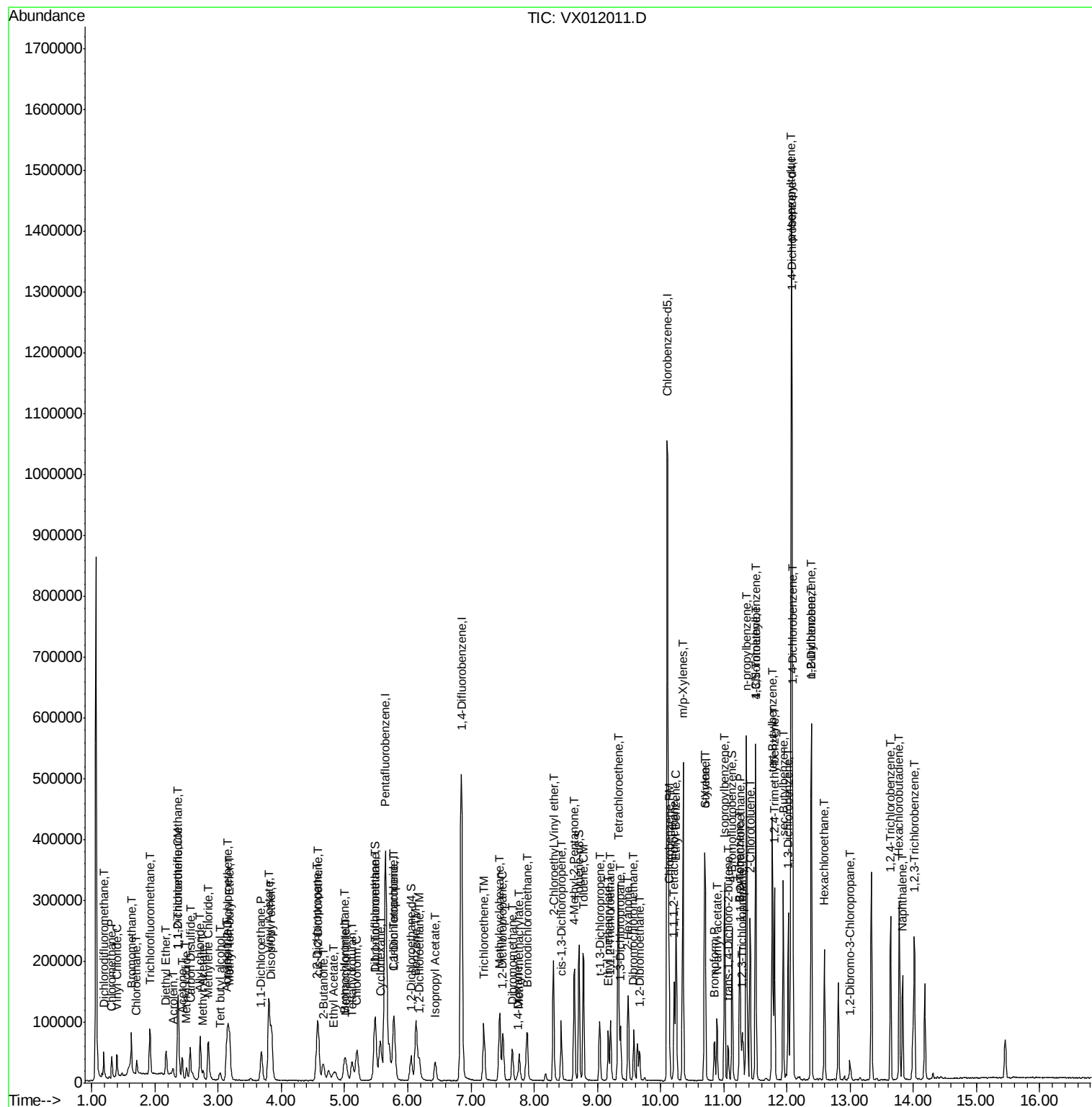
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	68758	9.655	ug/l	98
94) Hexachlorobutadiene	13.78	225	50032	10.419	ug/l	99
95) Naphthalene	13.83	128	106541	8.868	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	61251	9.543	ug/l	99

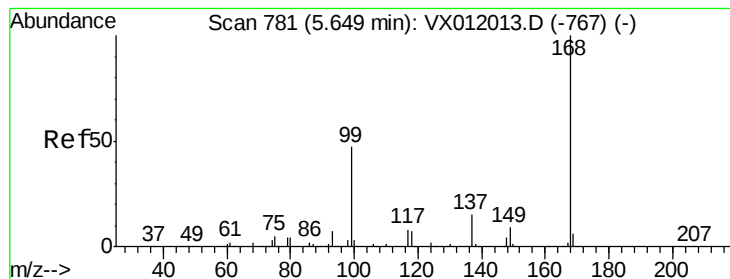
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
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Acq On : 02 Sep 2019 12:54
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Sample : VSTDIC010
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 04:42:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

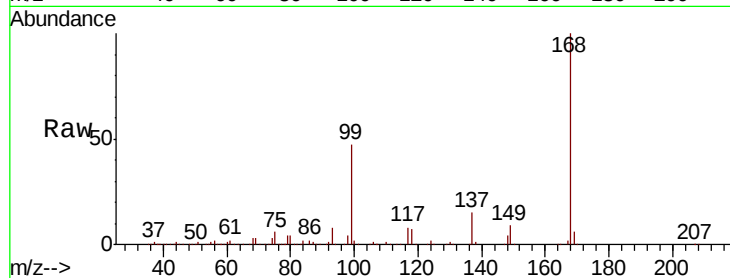
VSTDIC010

Tgt Ion:168 Resp: 409756

Ion Ratio Lower Upper

168 100

99 46.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

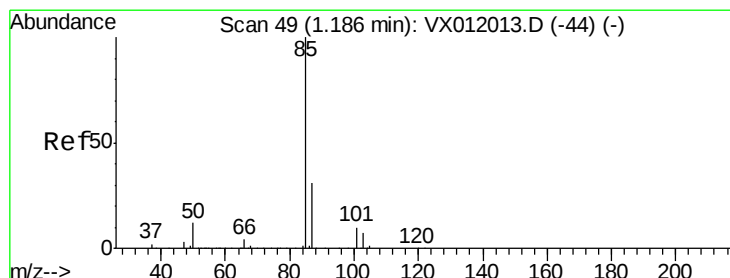
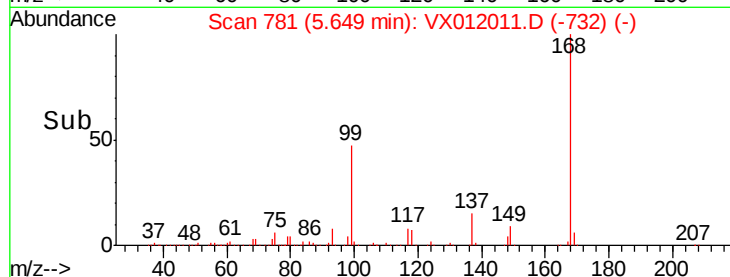
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 10.348 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012011.D

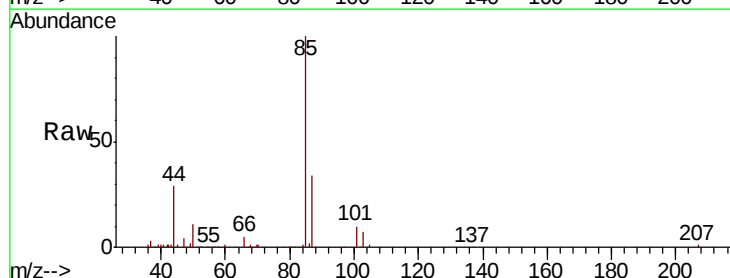
Acq: 02 Sep 2019 12:54

Tgt Ion: 85 Resp: 25773

Ion Ratio Lower Upper

85 100

87 33.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

25000

20000

15000

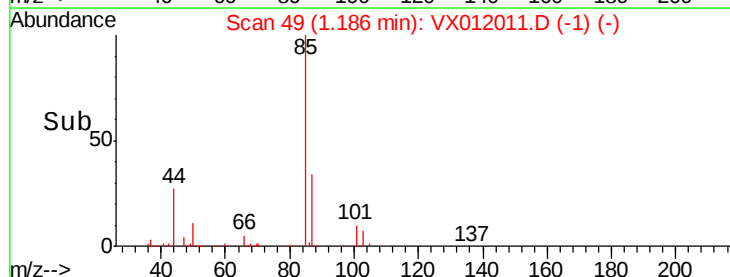
10000

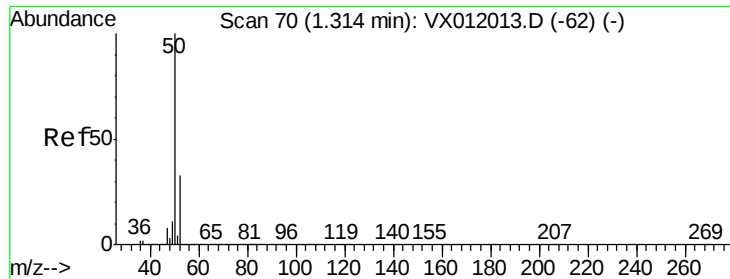
5000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 8.543 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

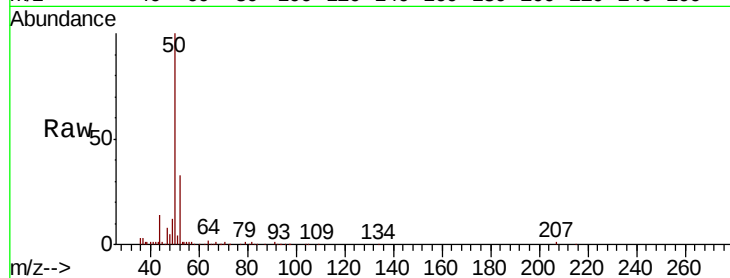
VSTDIC010

Tgt Ion: 50 Resp: 23967

Ion Ratio Lower Upper

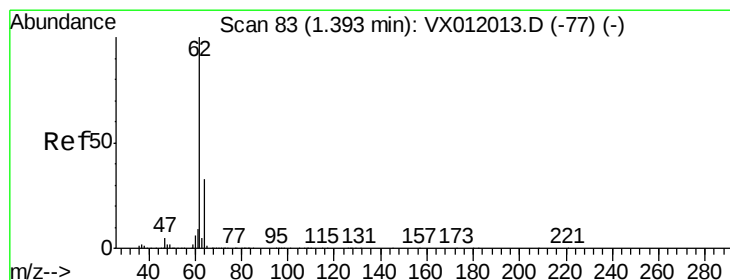
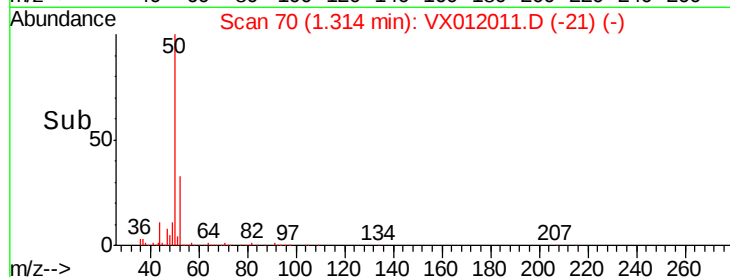
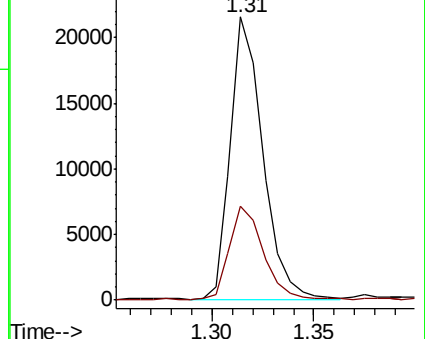
50 100

52 32.8 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 9.127 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012011.D

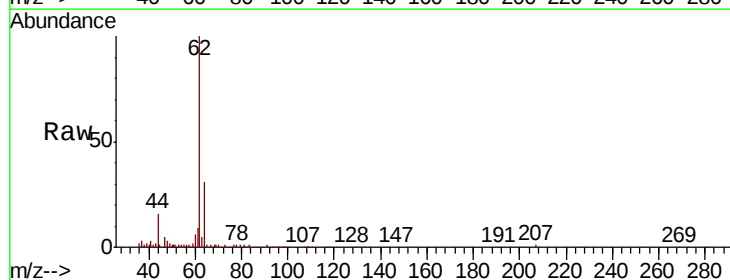
Acq: 02 Sep 2019 12:54

Tgt Ion: 62 Resp: 24710

Ion Ratio Lower Upper

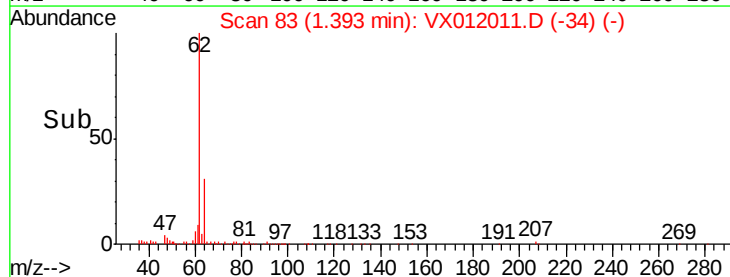
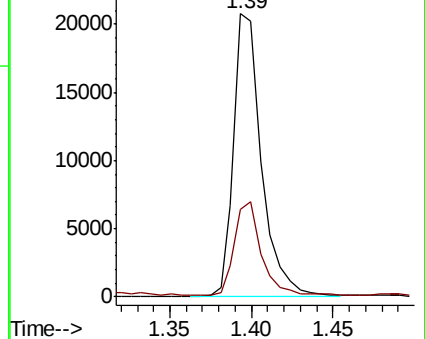
62 100

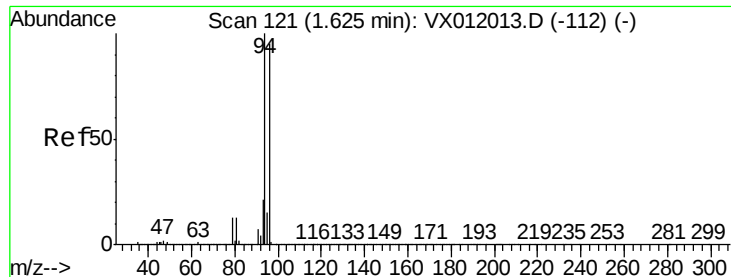
64 30.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 9.626 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

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ClientSampleId :

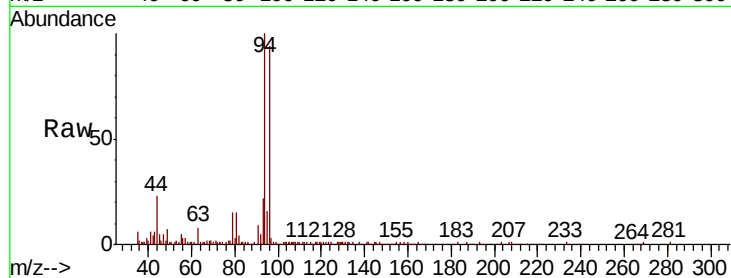
VSTDIC010

Tgt Ion: 94 Resp: 18096

Ion Ratio Lower Upper

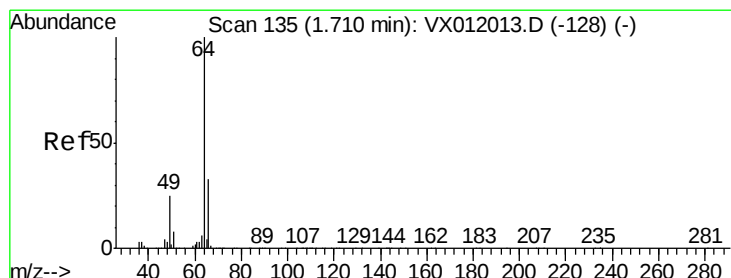
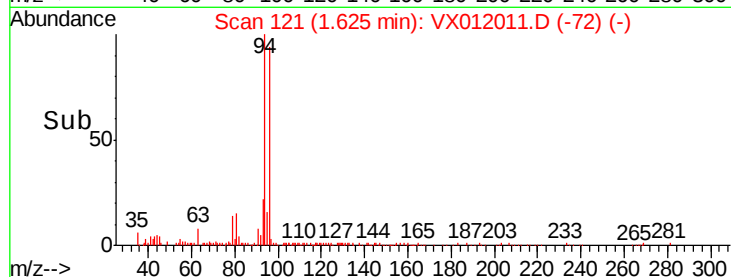
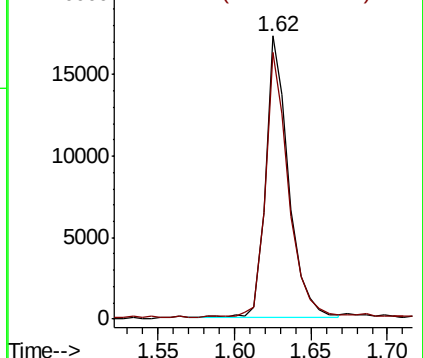
94 100

96 94.0 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 8.919 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012011.D

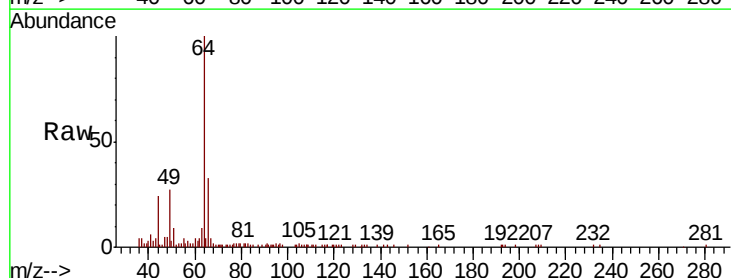
Acq: 02 Sep 2019 12:54

Tgt Ion: 64 Resp: 15007

Ion Ratio Lower Upper

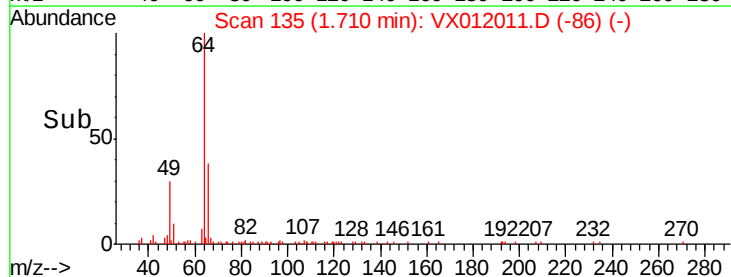
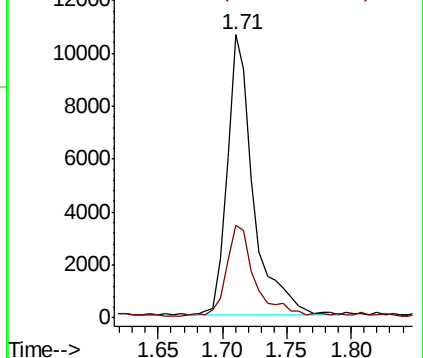
64 100

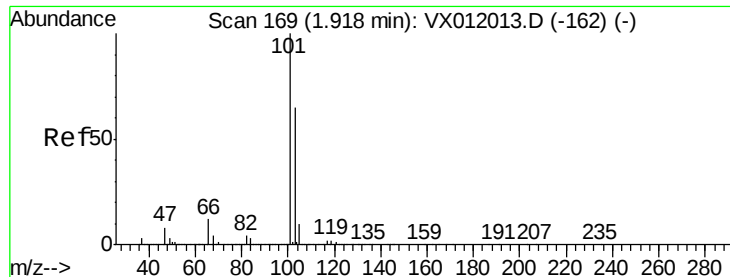
66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



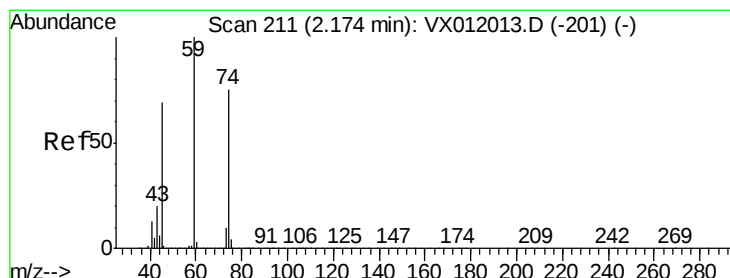
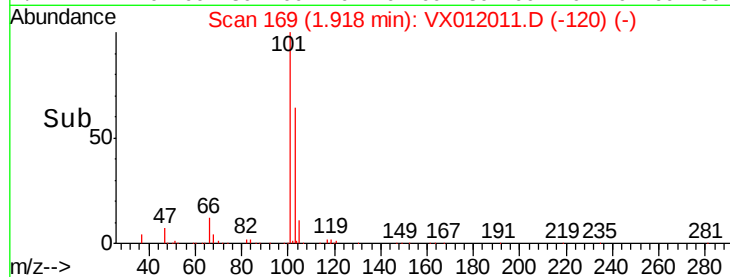
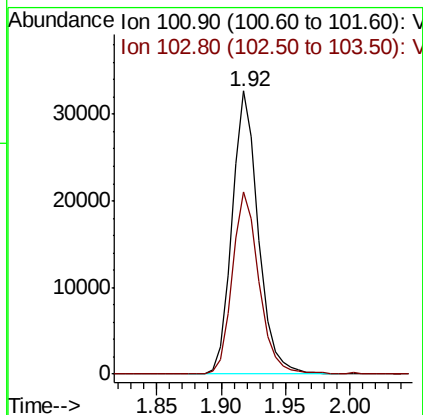
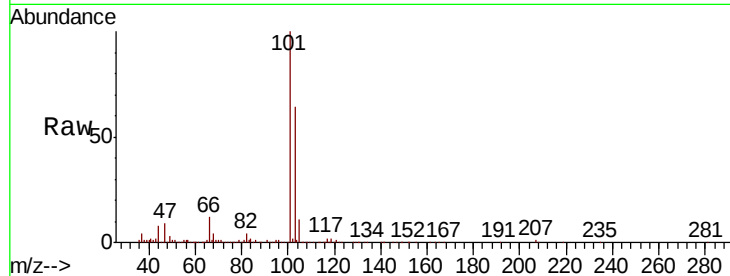


#7

Trichlorofluoromethane
 Concen: 9.834 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

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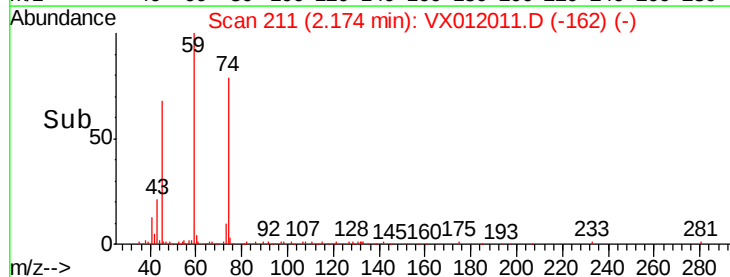
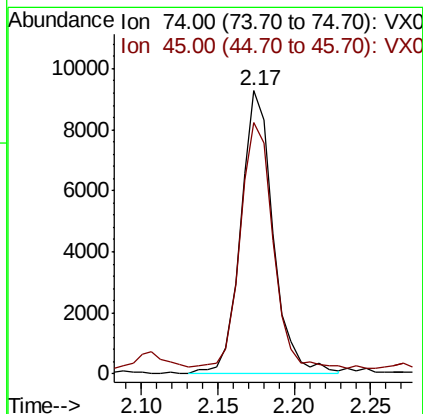
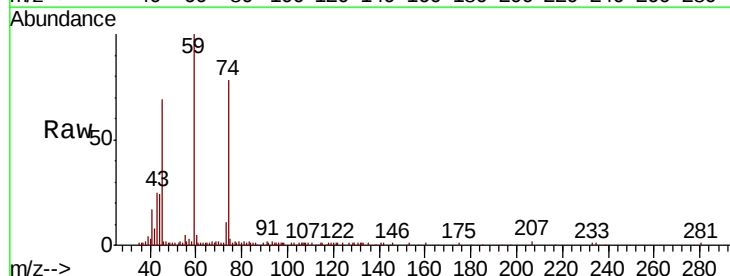
Tgt Ion: 101 Resp: 46488
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.6 77.4

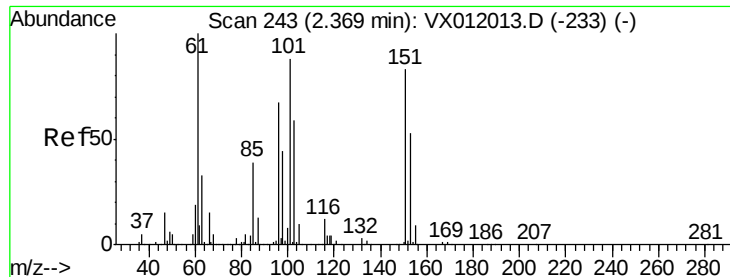


#8

Diethyl Ether
 Concen: 8.524 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion: 74 Resp: 13628
 Ion Ratio Lower Upper
 74 100
 45 89.6 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.830 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

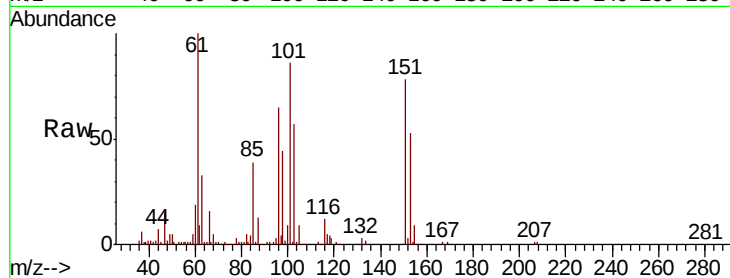
Tgt Ion:101 Resp: 30230

Ion Ratio Lower Upper

101 100

85 44.7 34.5 51.7

151 91.5 75.0 112.4

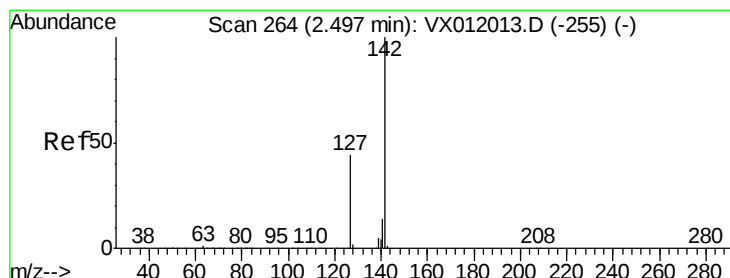
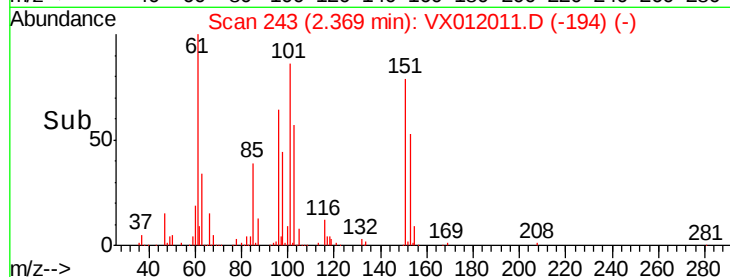
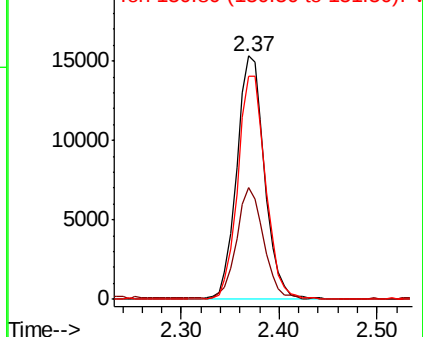


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.416 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

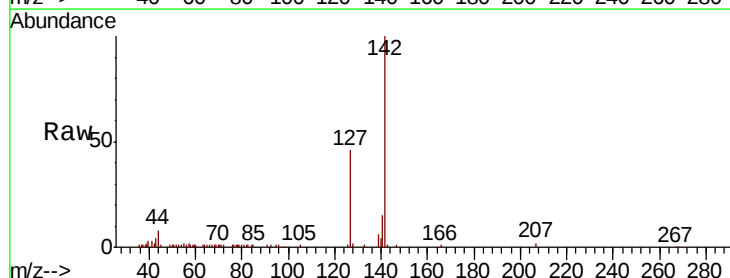
Tgt Ion:142 Resp: 21246

Ion Ratio Lower Upper

142 100

127 45.5 35.4 53.2

141 15.0 11.4 17.2

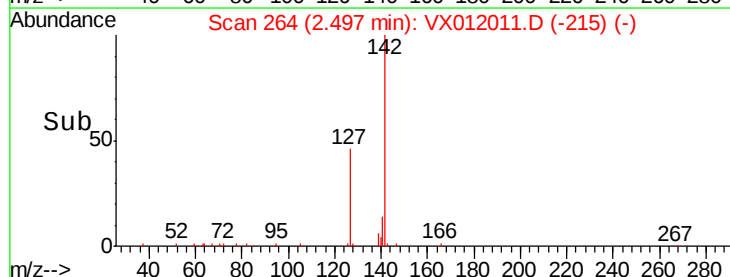
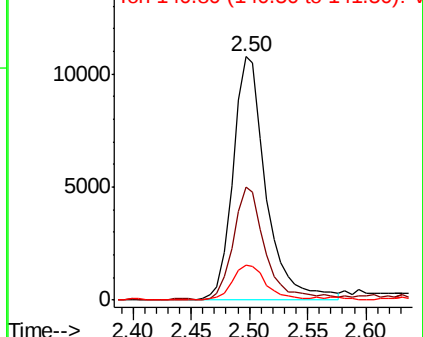


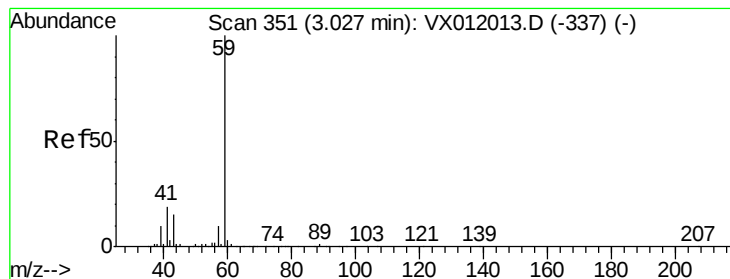
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 41.980 ug/l

RT: 3.03 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

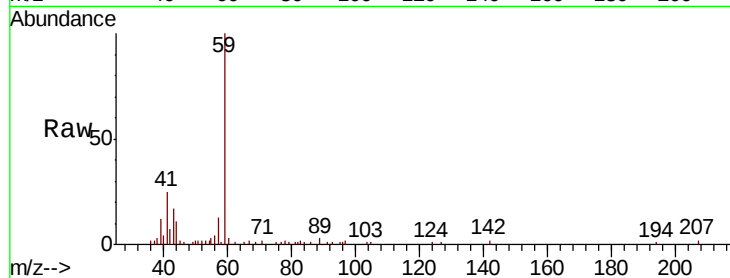
VSTDIC010

Tgt Ion: 59 Resp: 15332

Ion Ratio Lower Upper

59 100

57 9.3 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

8000

6000

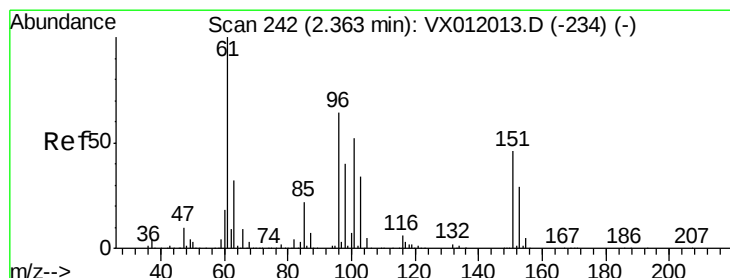
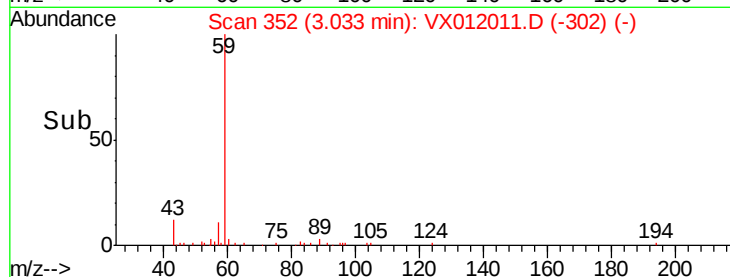
4000

2000

0

Time--> 2.90 2.95 3.00 3.05 3.10

3.03



#12

1,1-Dichloroethene

Concen: 9.184 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

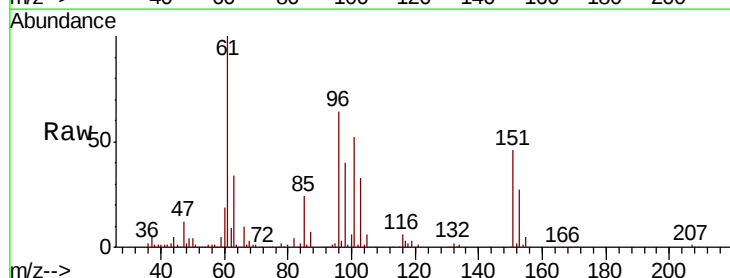
Tgt Ion: 96 Resp: 26140

Ion Ratio Lower Upper

96 100

61 157.2 124.1 186.1

98 62.6 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

30000

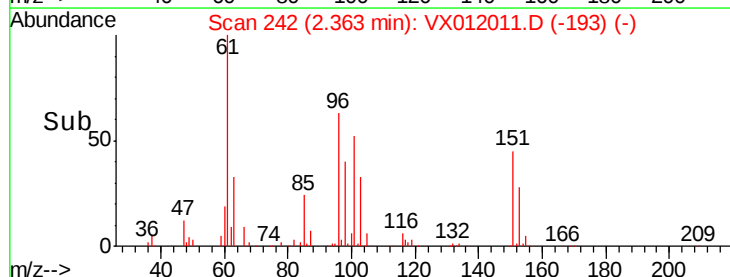
20000

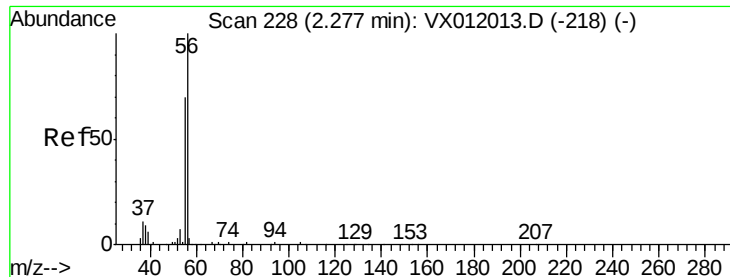
10000

0

Time--> 2.30 2.35 2.40

2.36





#13

Acrolein

Concen: 37.118 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

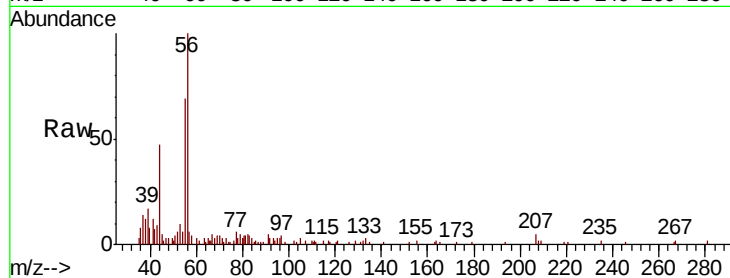
VSTDIC010

Tgt Ion: 56 Resp: 6546

Ion Ratio Lower Upper

56 100

55 81.3 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

4000

3000

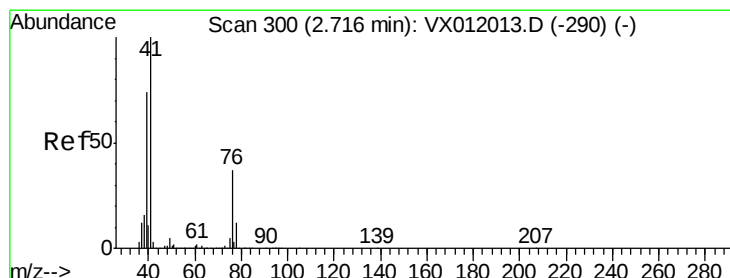
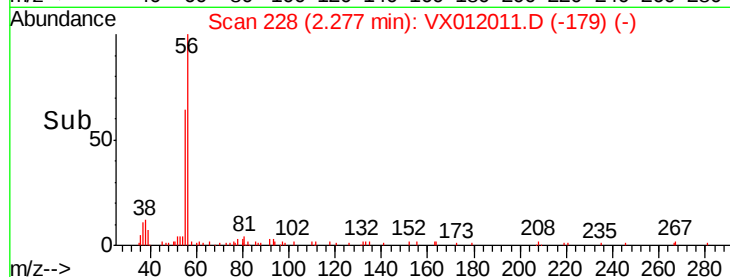
2000

1000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 8.461 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

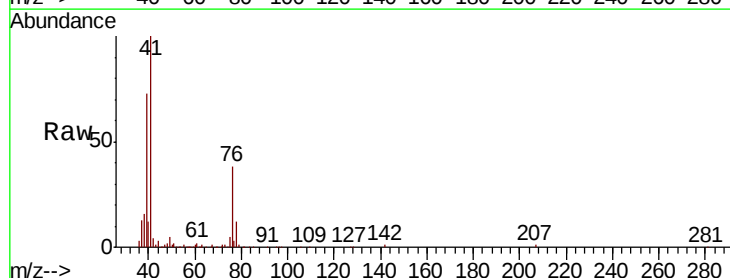
Tgt Ion: 41 Resp: 44371

Ion Ratio Lower Upper

41 100

39 71.1 57.9 86.9

76 34.5 28.5 42.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

30000

25000

20000

15000

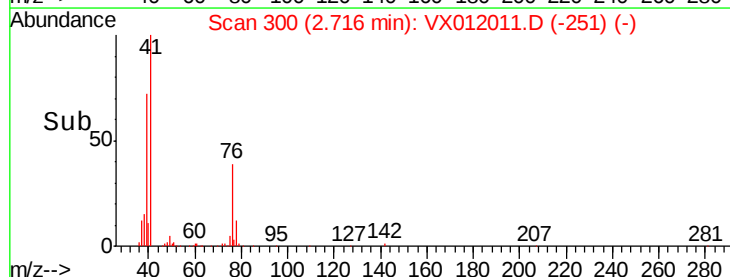
10000

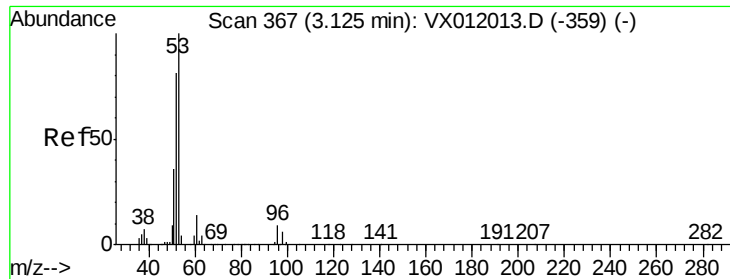
5000

0

Time-->

2.60 2.70 2.80

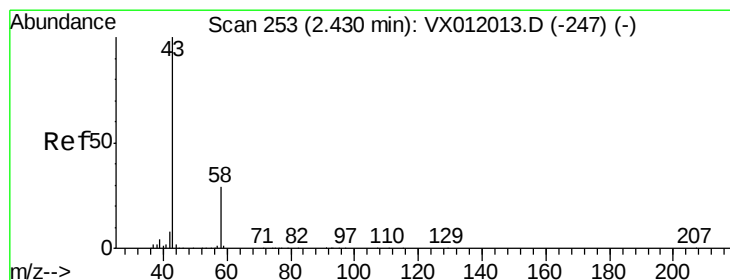
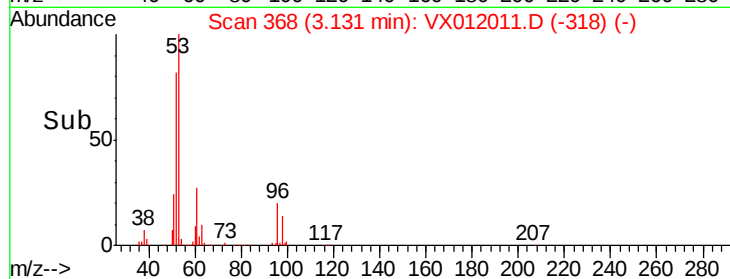
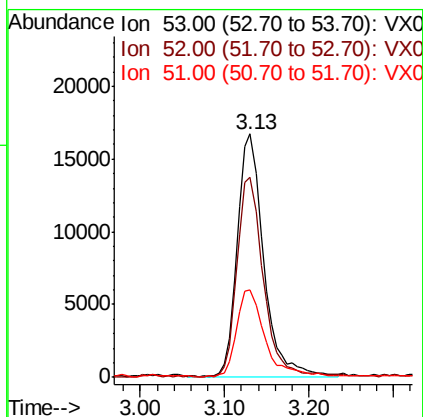
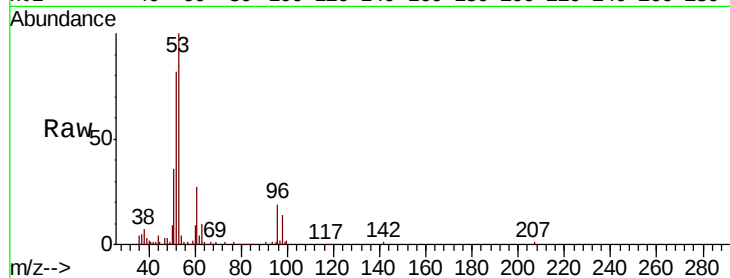




#15
Acrylonitrile
Concen: 41.205 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.01 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

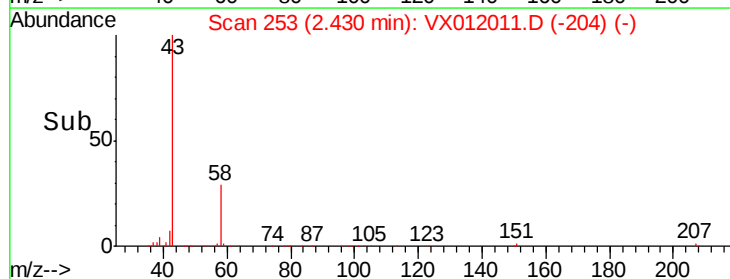
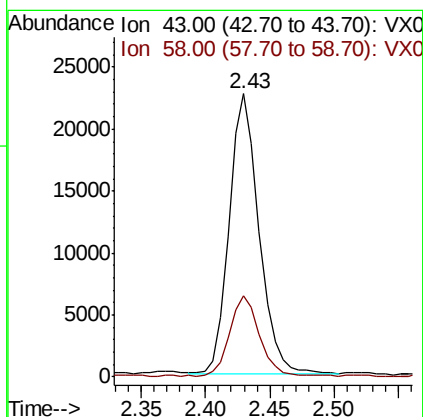
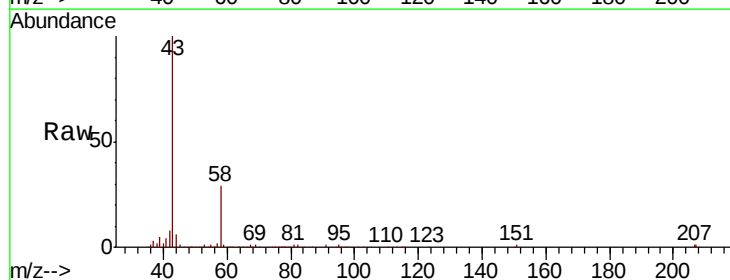
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

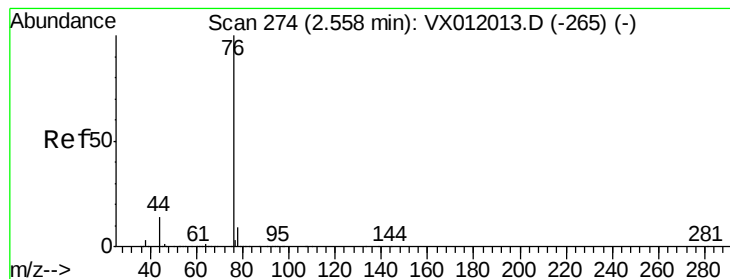
Tgt Ion: 53 Resp: 35624
Ion Ratio Lower Upper
53 100
52 82.5 65.6 98.4
51 38.9 29.8 44.6



#16
Acetone
Concen: 44.529 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion: 43 Resp: 36762
Ion Ratio Lower Upper
43 100
58 28.4 22.8 34.2





#17

Carbon Disulfide

Concen: 8.128 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

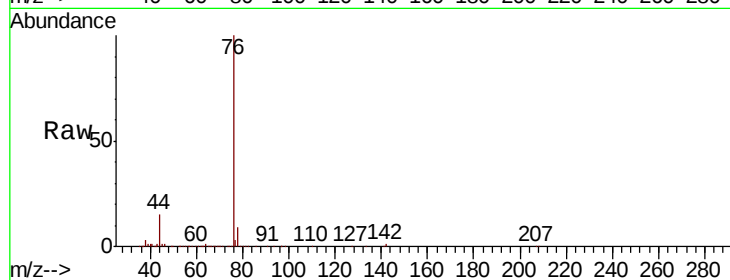
VSTDIC010

Tgt Ion: 76 Resp: 66532

Ion Ratio Lower Upper

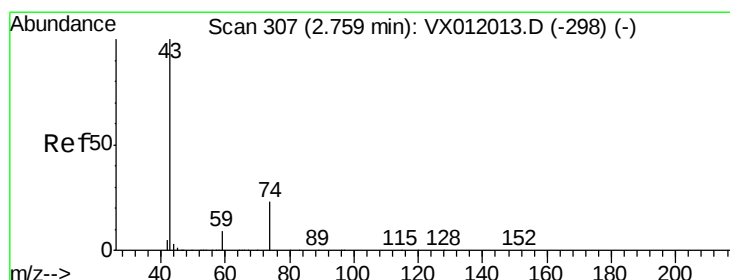
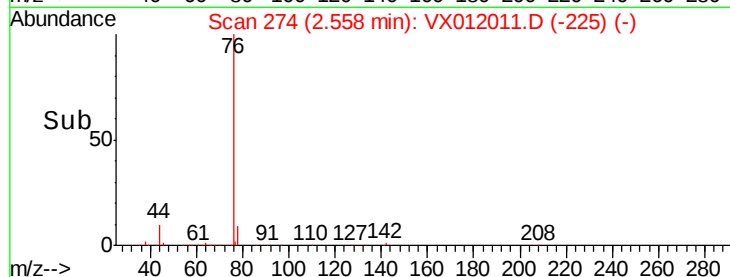
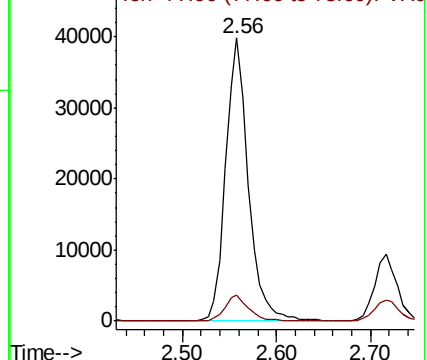
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 8.076 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012011.D

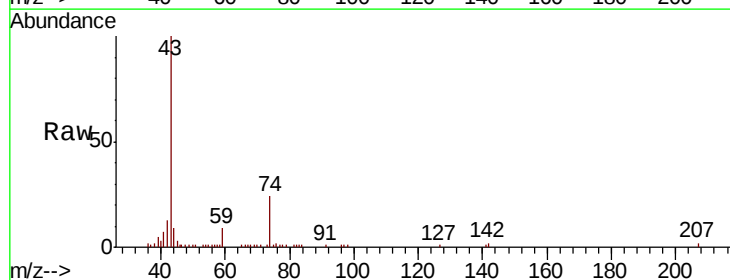
Acq: 02 Sep 2019 12:54

Tgt Ion: 43 Resp: 18218

Ion Ratio Lower Upper

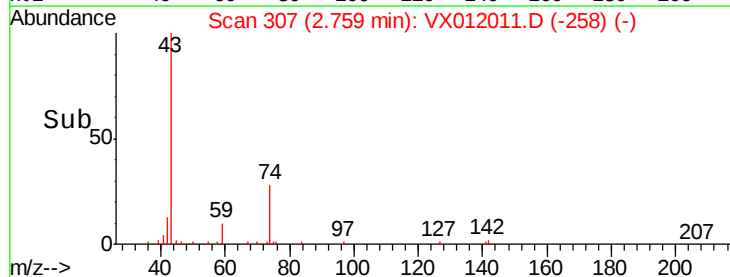
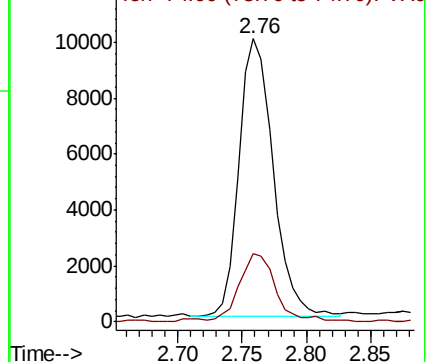
43 100

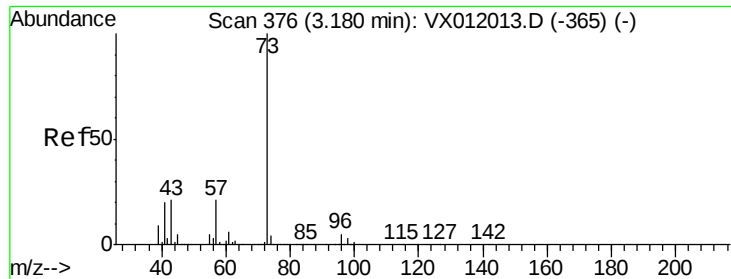
74 26.3 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

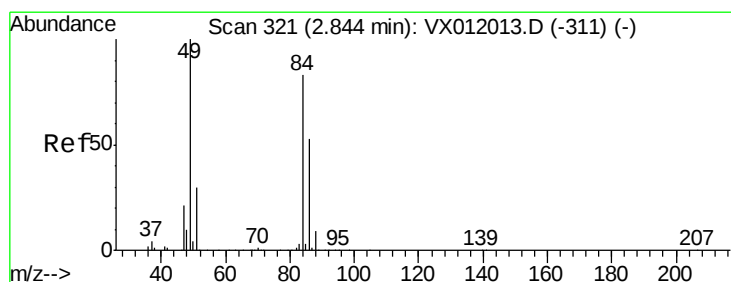
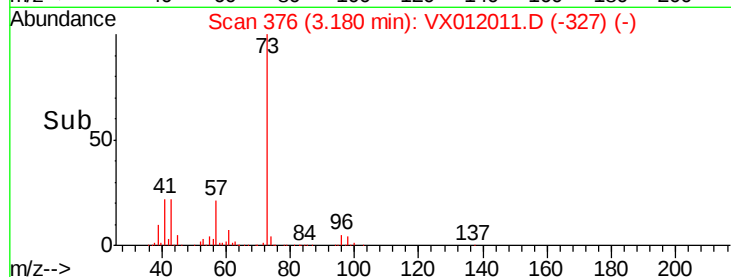
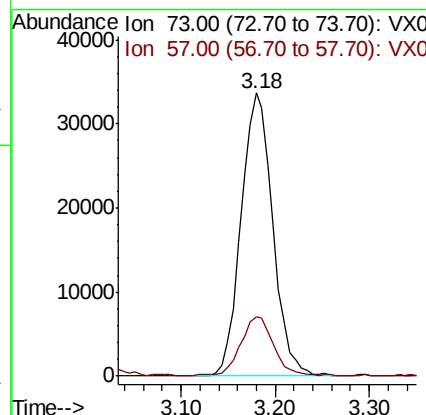
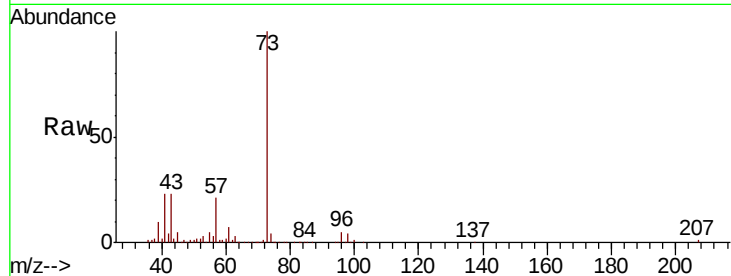




#19
Methyl tert-butyl Ether
Concen: 8.693 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

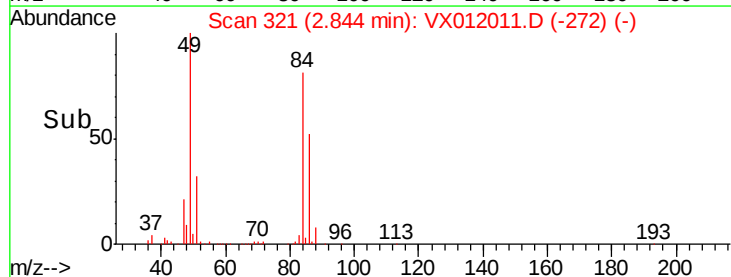
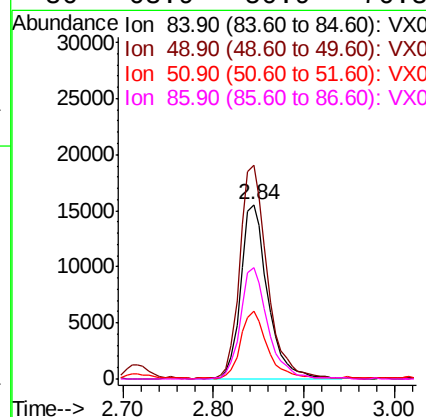
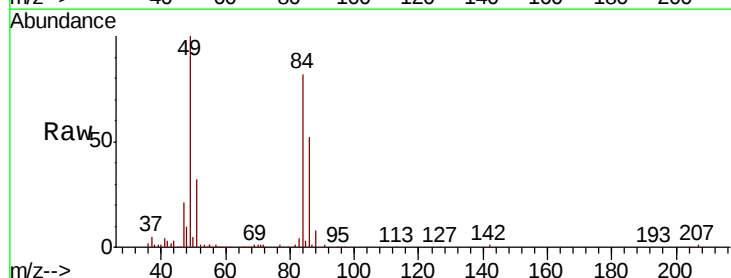
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

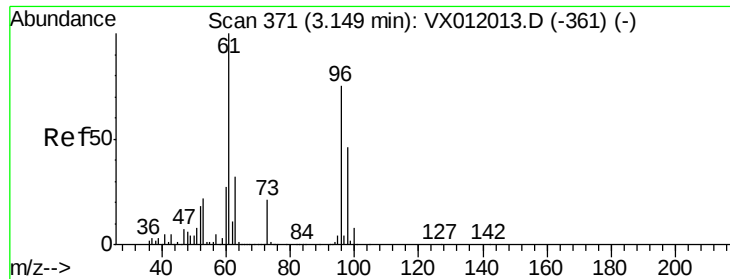
Tgt Ion: 73 Resp: 78946
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 7.891 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion: 84 Resp: 32239
Ion Ratio Lower Upper
84 100
49 122.6 95.8 143.8
51 38.6 28.6 43.0
86 63.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 9.108 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

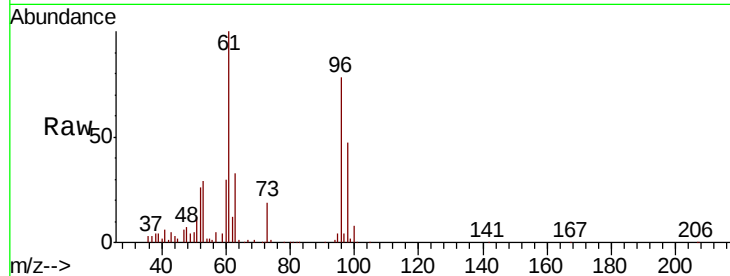
Tgt Ion: 96 Resp: 30467

Ion Ratio Lower Upper

96 100

61 128.3 107.0 160.6

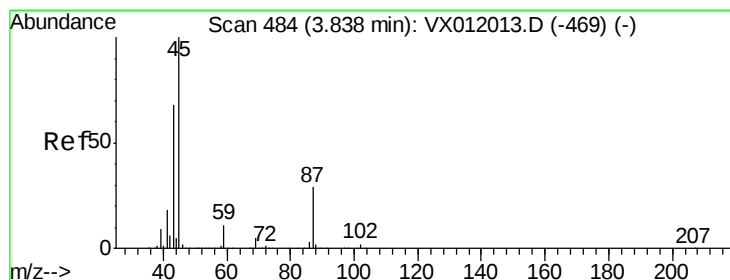
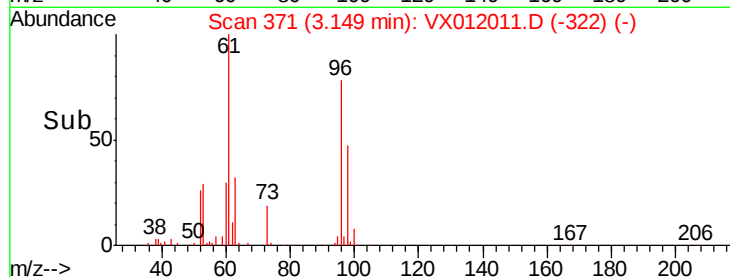
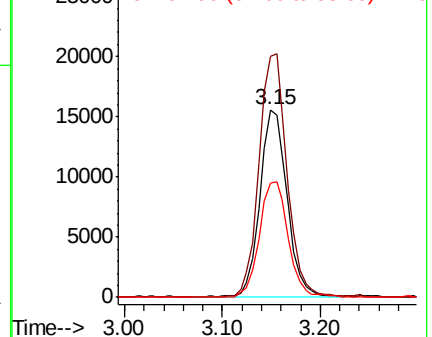
98 60.8 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 8.450 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Tgt Ion: 45 Resp: 90172

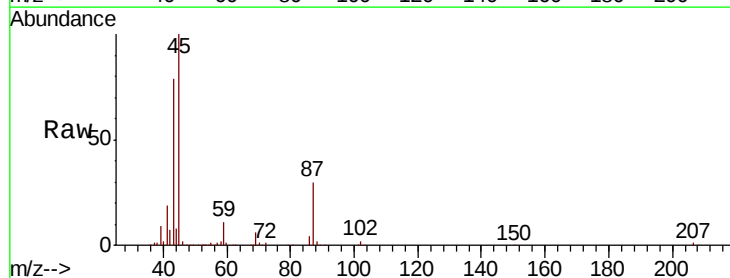
Ion Ratio Lower Upper

45 100

43 78.8 54.2 81.4

87 30.0 23.4 35.0

59 11.3 9.0 13.6

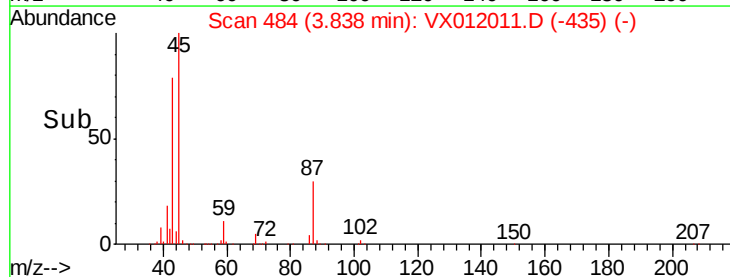
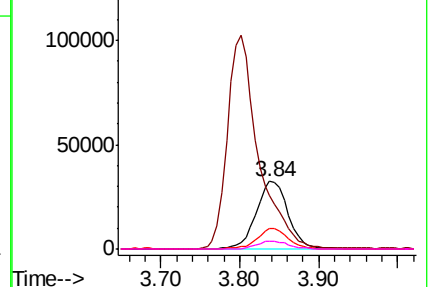


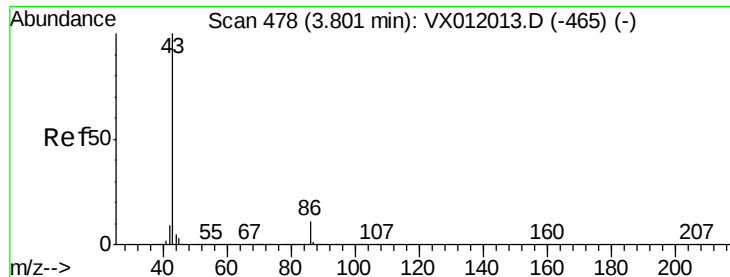
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 41.021 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

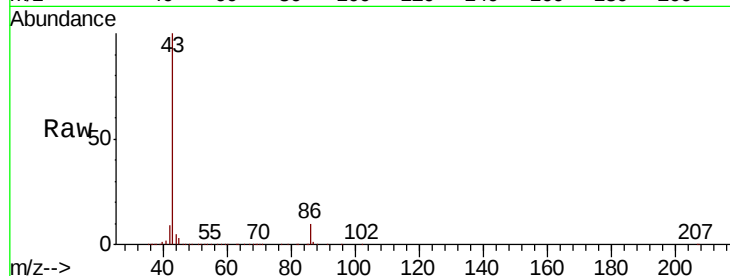
VSTDIC010

Tgt Ion: 43 Resp: 281025

Ion Ratio Lower Upper

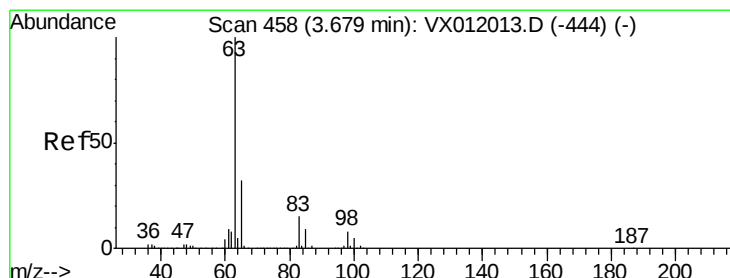
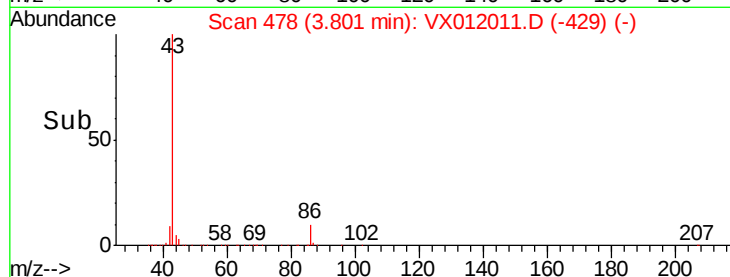
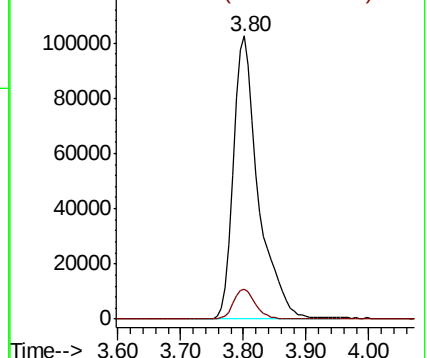
43 100

86 10.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX012013.D (-465) (-)

Ion 86.00 (85.70 to 86.70): VX012013.D (-465) (-)



#24

1,1-Dichloroethane

Concen: 9.006 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.01 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

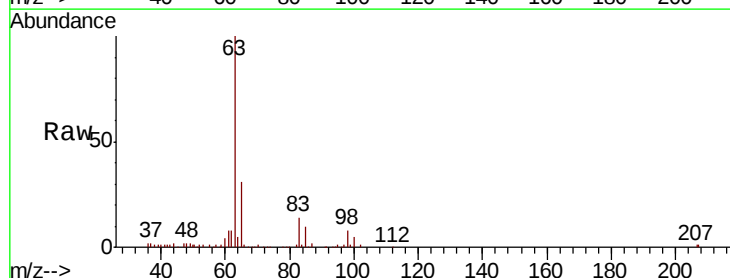
Tgt Ion: 63 Resp: 53388

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

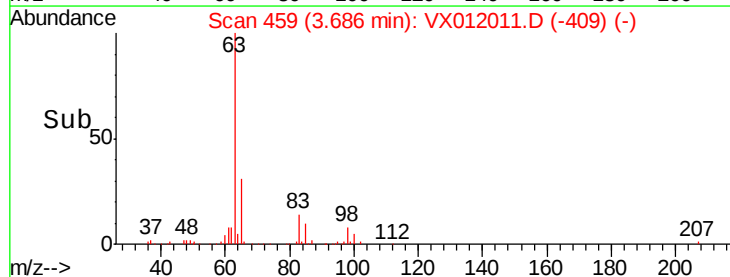
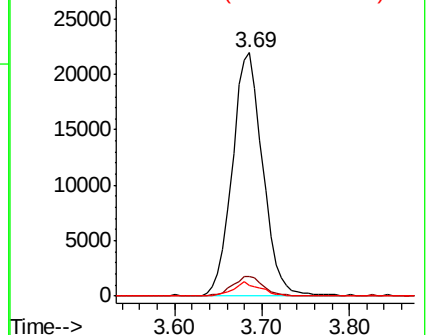
100 4.6 2.5 7.4

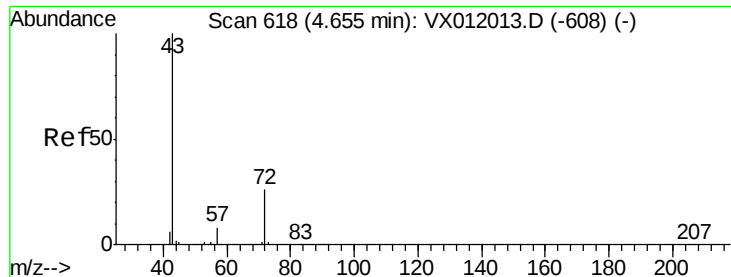


Abundance Ion 62.90 (62.60 to 63.60): VX012013.D (-444) (-)

Ion 97.90 (97.60 to 98.60): VX012013.D (-444) (-)

Ion 99.90 (99.60 to 100.60): VX012013.D (-444) (-)





#25

2-Butanone

Concen: 41.096 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

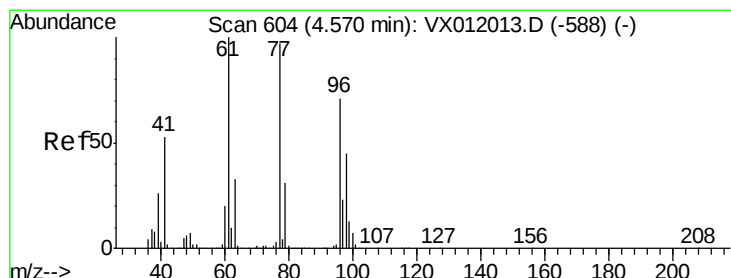
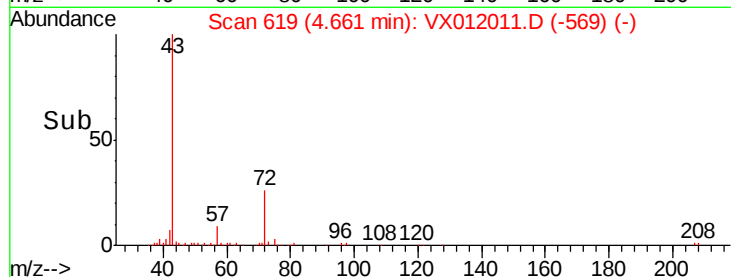
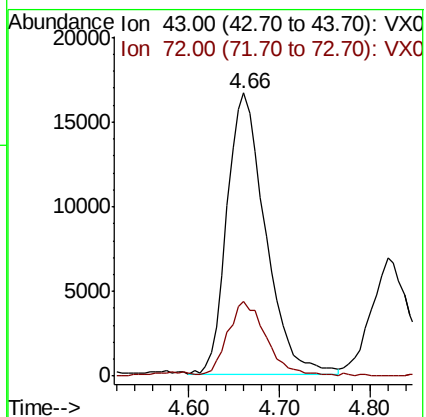
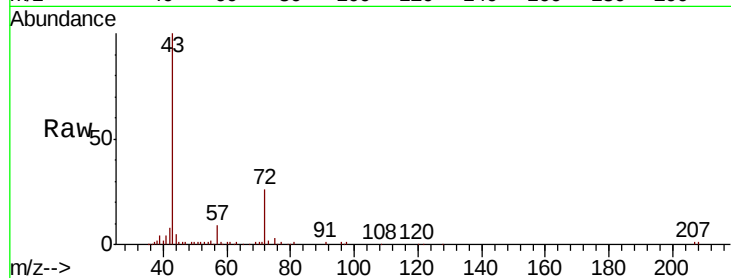
VSTDIC010

Tgt Ion: 43 Resp: 48766

Ion Ratio Lower Upper

43 100

72 26.3 21.3 31.9



#26

2,2-Dichloropropane

Concen: 10.069 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012011.D

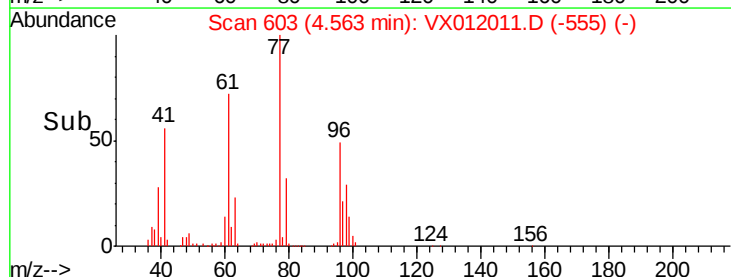
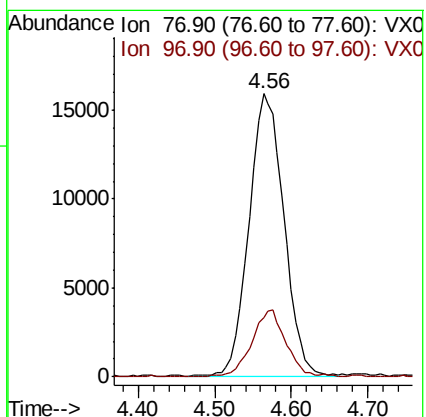
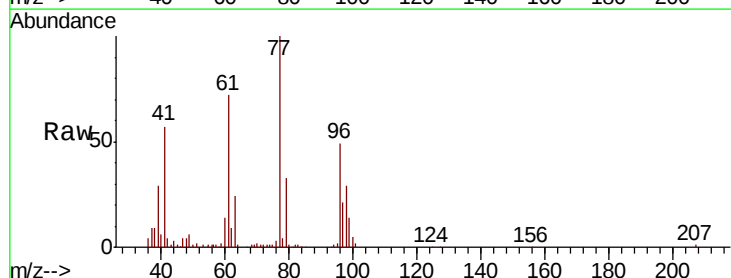
Acq: 02 Sep 2019 12:54

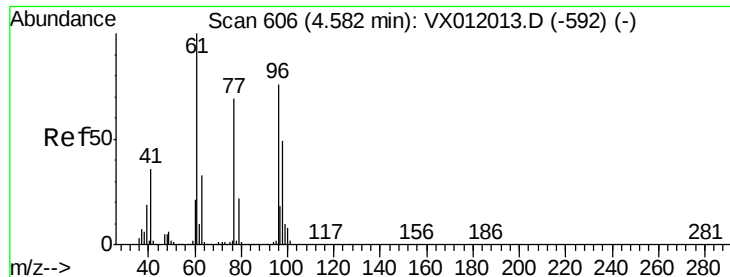
Tgt Ion: 77 Resp: 50861

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 9.084 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

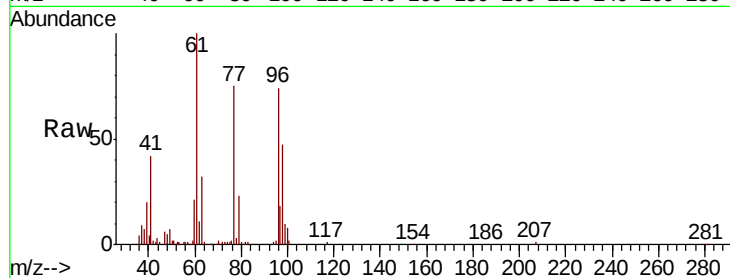
Tgt Ion: 96 Resp: 35597

Ion Ratio Lower Upper

96 100

61 140.7 0.0 277.0

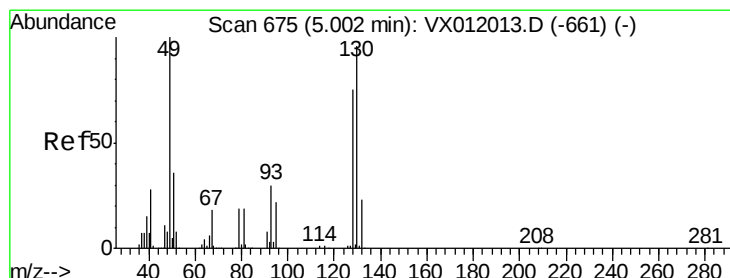
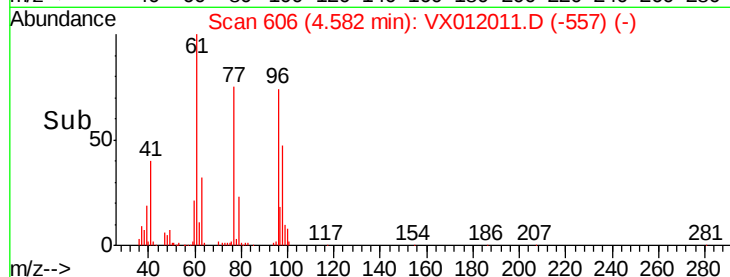
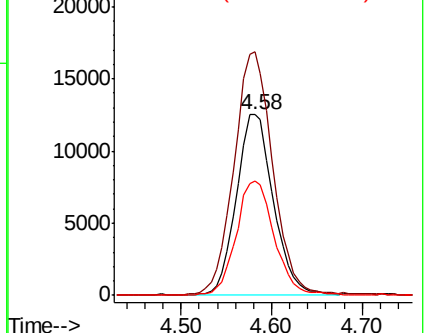
98 64.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 7.923 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

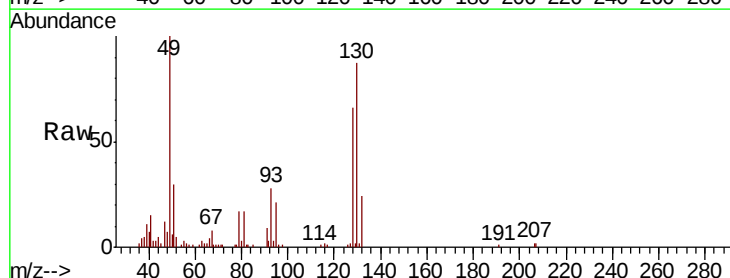
Tgt Ion: 49 Resp: 20703

Ion Ratio Lower Upper

49 100

129 2.9 0.0 5.6

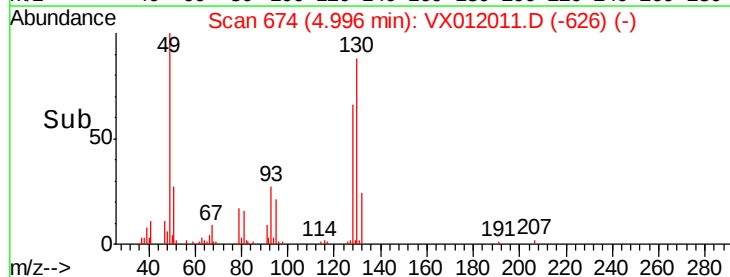
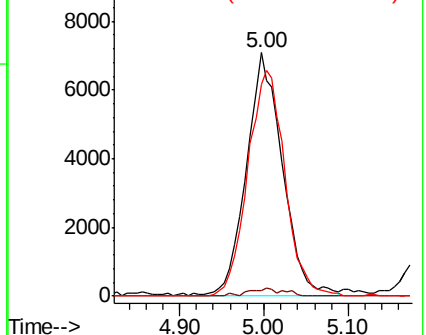
130 95.1 76.7 115.1

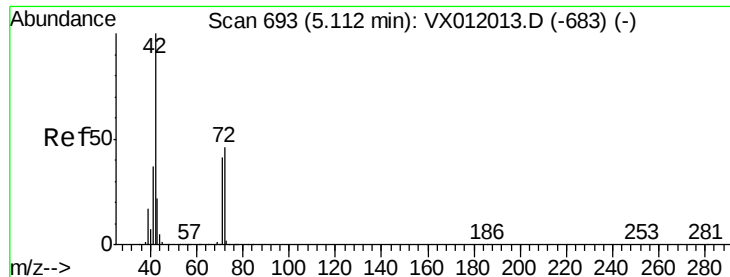


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 38.813 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

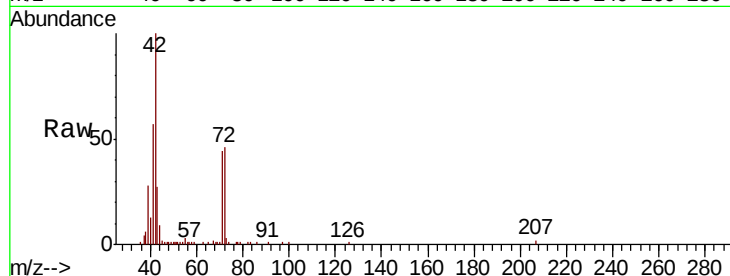
Tgt Ion: 42 Resp: 28734

Ion Ratio Lower Upper

42 100

72 49.4 37.0 55.4

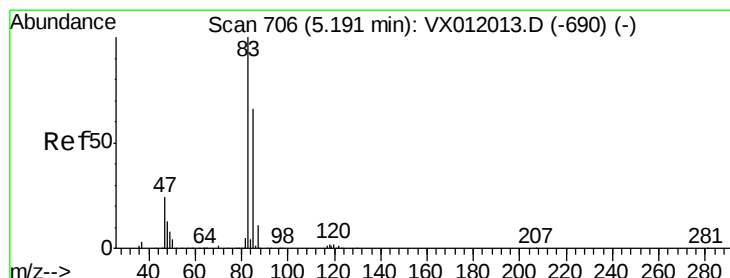
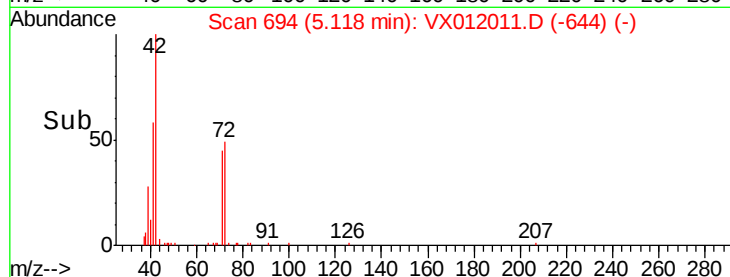
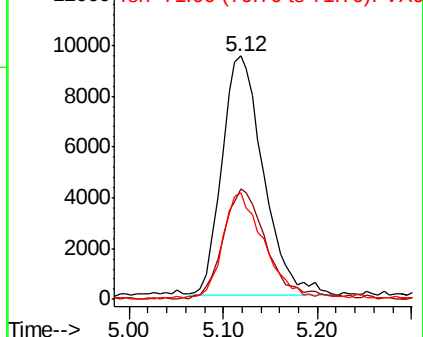
71 43.1 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 9.154 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.01 min

Lab File: VX012011.D

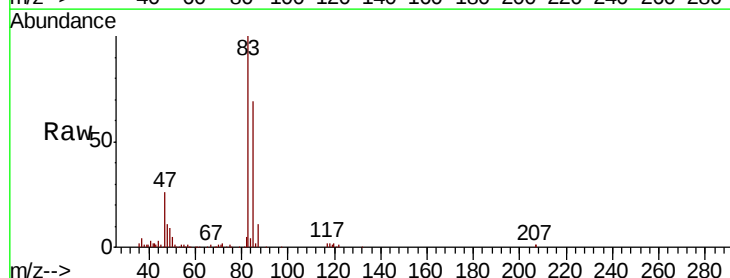
Acq: 02 Sep 2019 12:54

Tgt Ion: 83 Resp: 58237

Ion Ratio Lower Upper

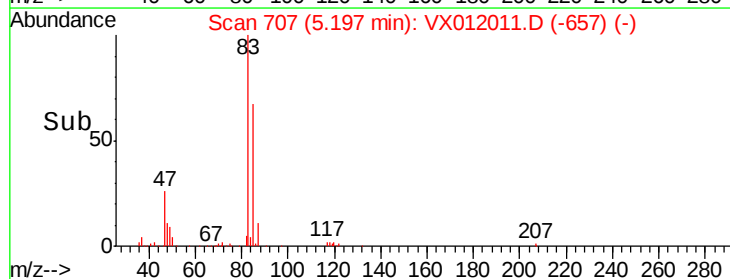
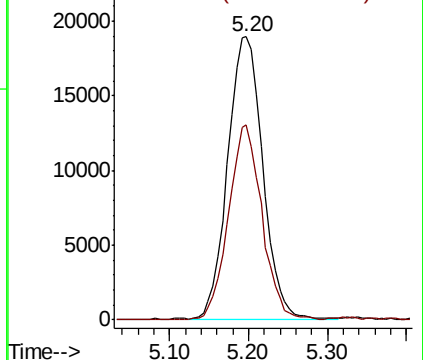
83 100

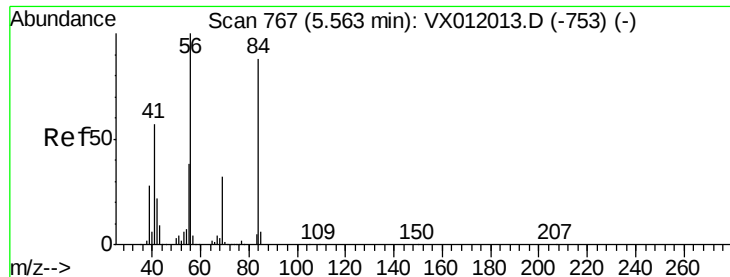
85 69.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

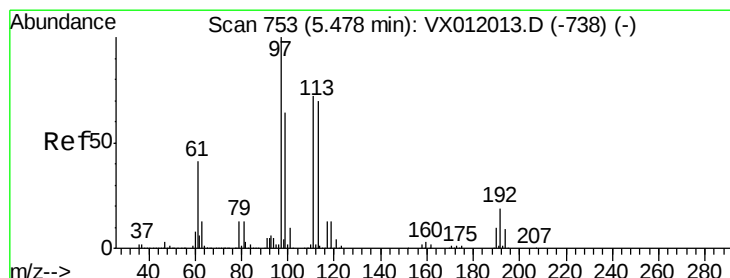
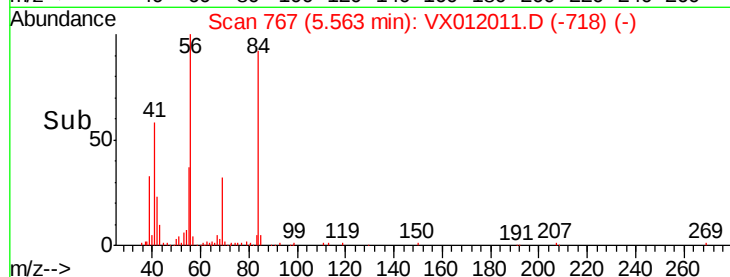
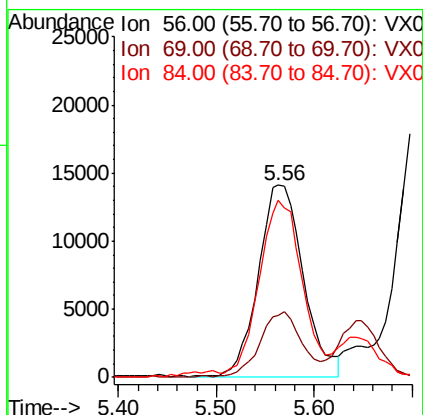
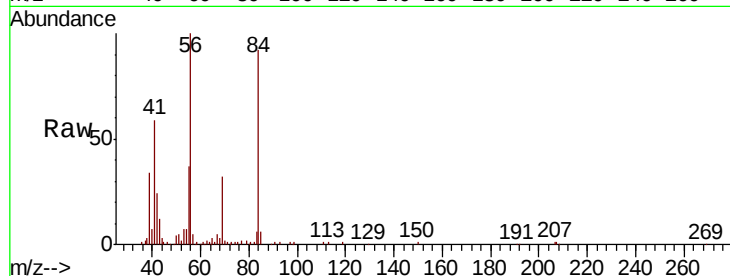




#31
Cyclohexane
Concen: 9.247 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

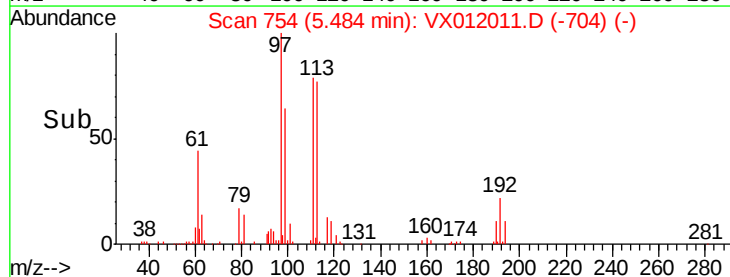
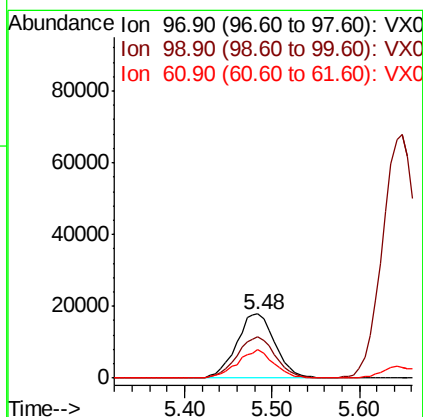
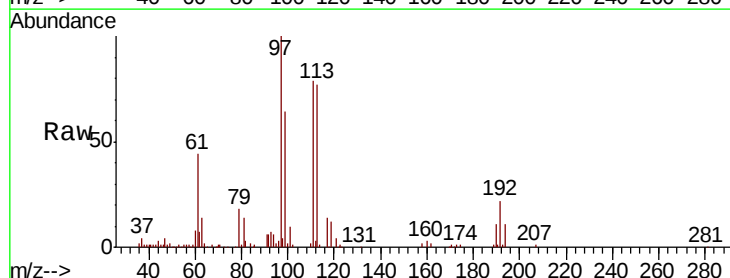
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

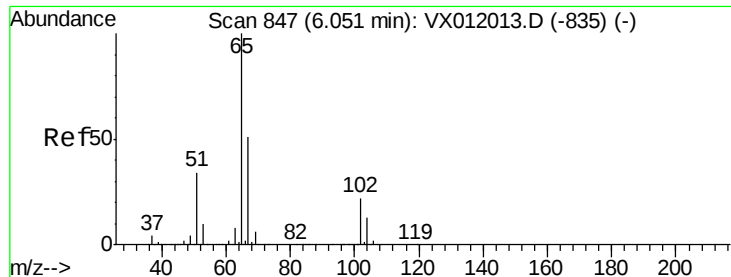
Tgt Ion: 56 Resp: 44810
Ion Ratio Lower Upper
56 100
69 31.2 25.7 38.5
84 90.7 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 9.620 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion: 97 Resp: 54874
Ion Ratio Lower Upper
97 100
99 63.9 52.1 78.1
61 41.4 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 10.207 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

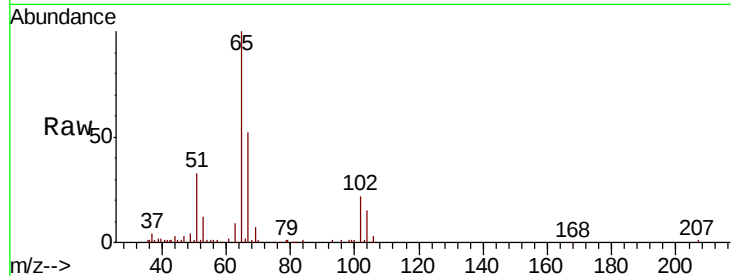
VSTDIC010

Tgt Ion: 65 Resp: 39721

Ion Ratio Lower Upper

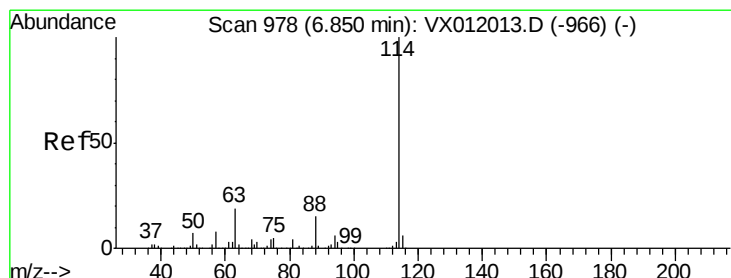
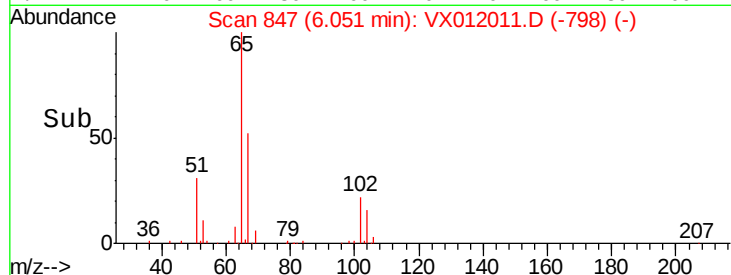
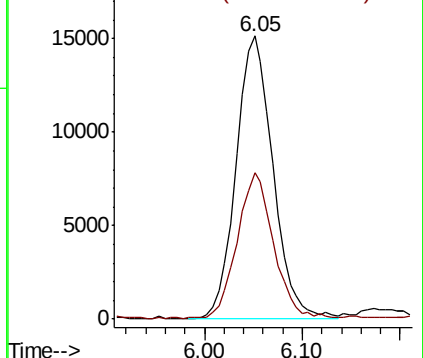
65 100

67 50.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

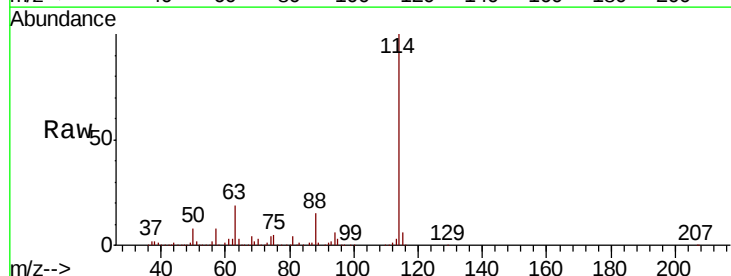
Tgt Ion: 114 Resp: 537945

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

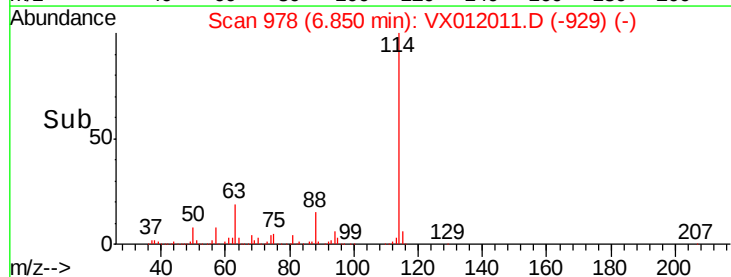
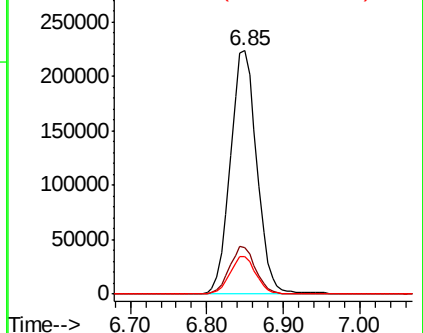
88 15.4 0.0 29.6

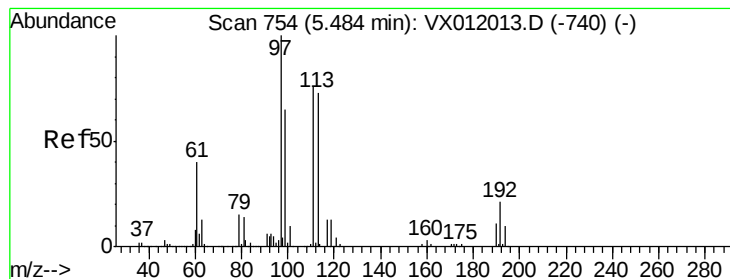


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 11.473 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

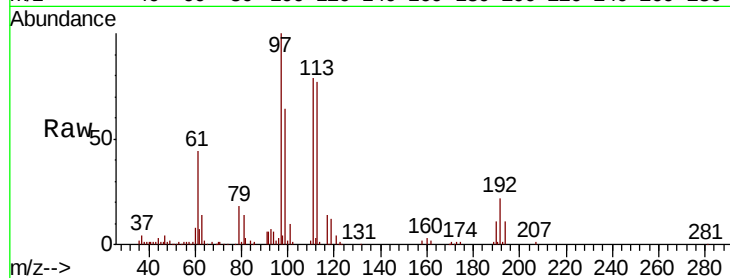
Tgt Ion:113 Resp: 39851

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

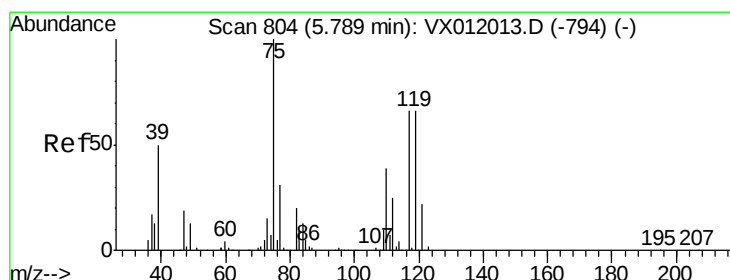
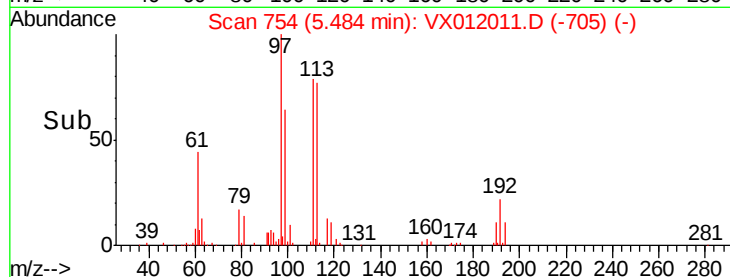
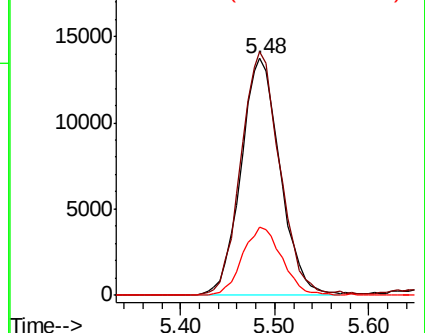
192 29.2 22.5 33.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 9.454 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

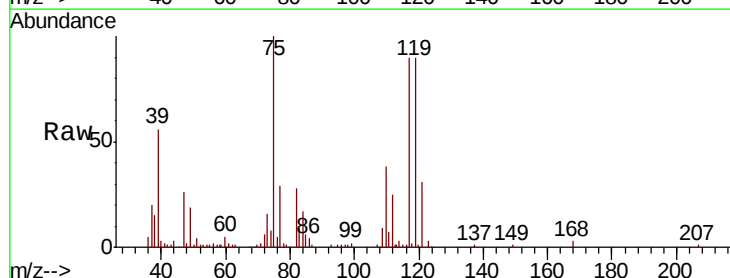
Tgt Ion: 75 Resp: 40256

Ion Ratio Lower Upper

75 100

110 39.4 19.5 58.5

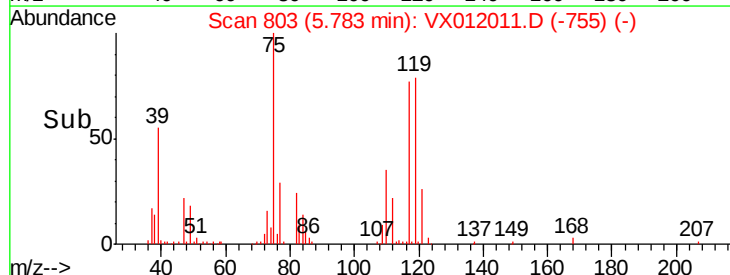
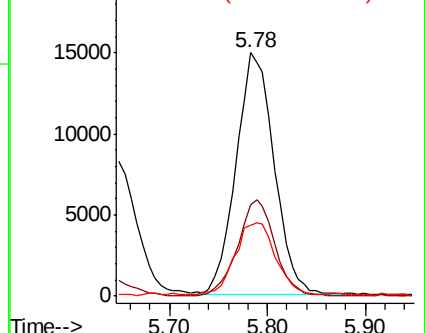
77 31.3 24.6 37.0

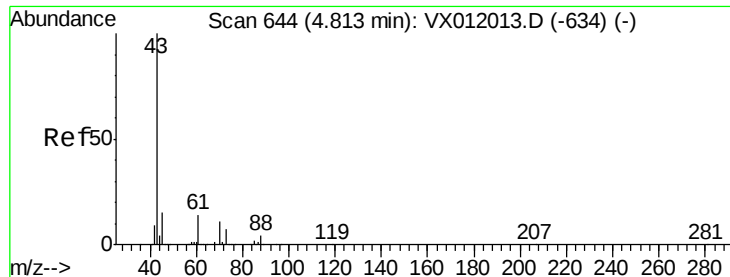


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

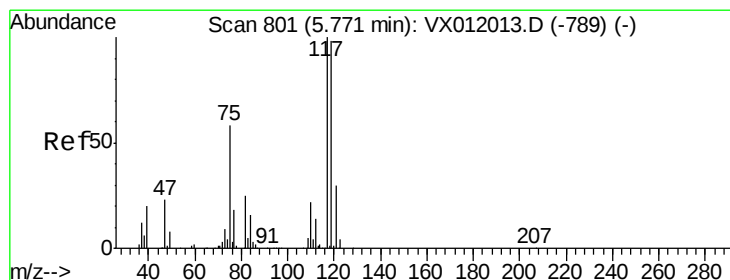
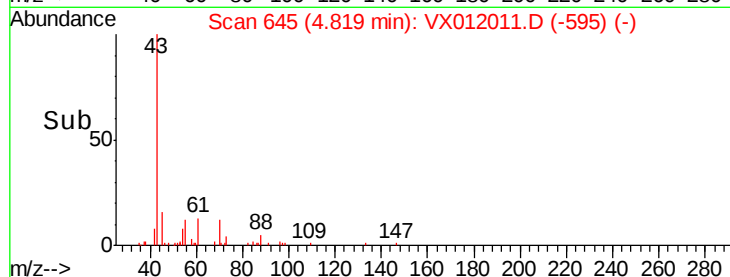
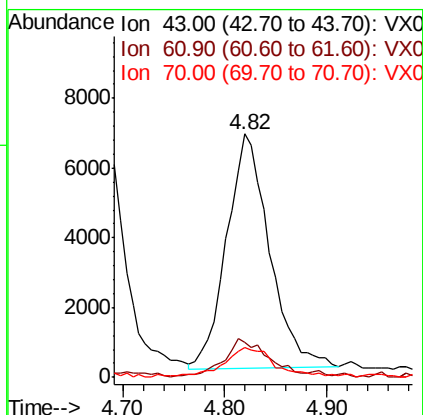
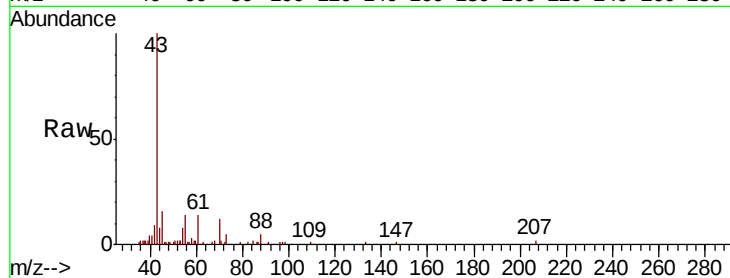




#37
Ethyl Acetate
Concen: 8.028 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

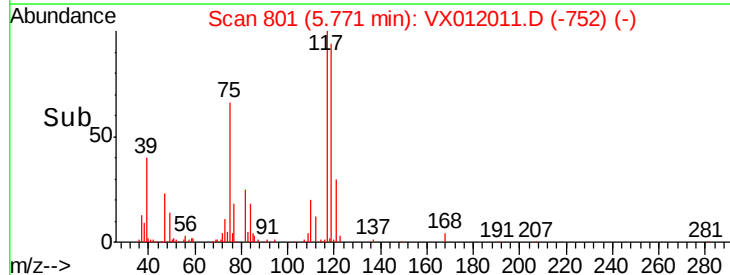
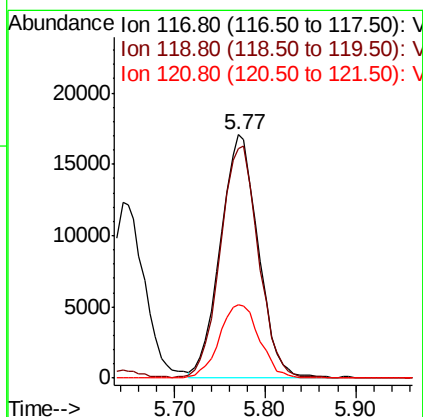
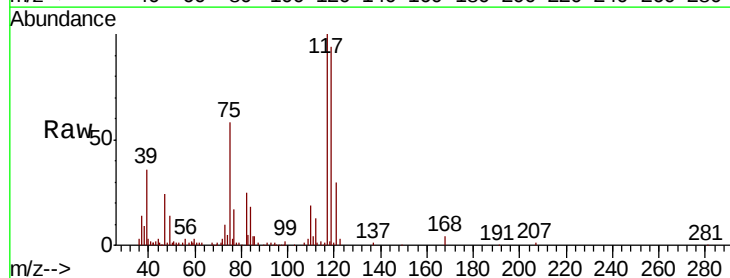
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

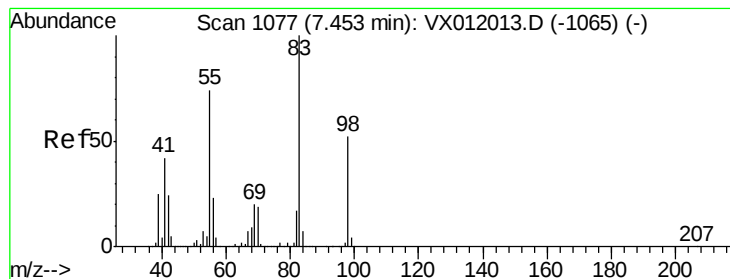
Tgt Ion: 43 Resp: 19695
Ion Ratio Lower Upper
43 100
61 17.2 10.9 16.3#
70 15.6 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 9.981 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion: 117 Resp: 49657
Ion Ratio Lower Upper
117 100
119 94.7 78.3 117.5
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 9.792 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

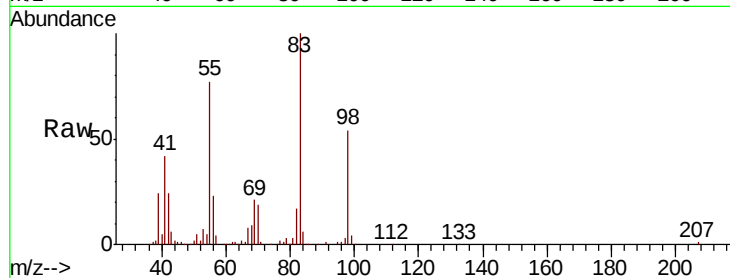
Tgt Ion: 83 Resp: 49954

Ion Ratio Lower Upper

83 100

55 76.1 59.6 89.4

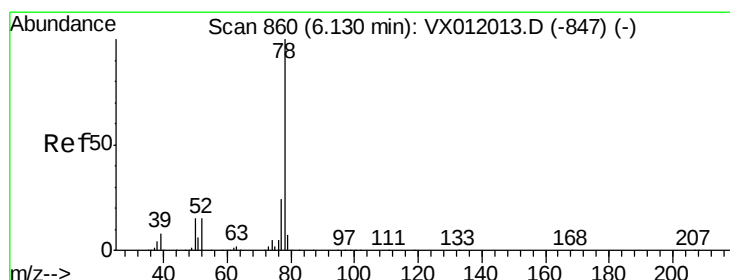
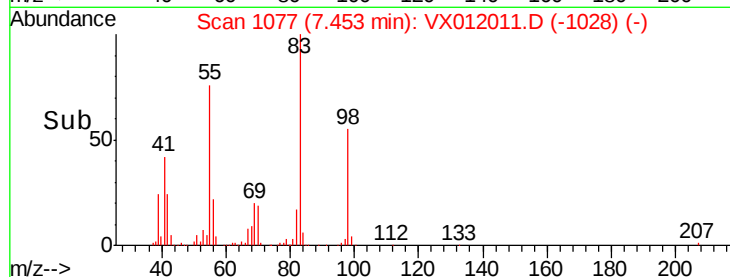
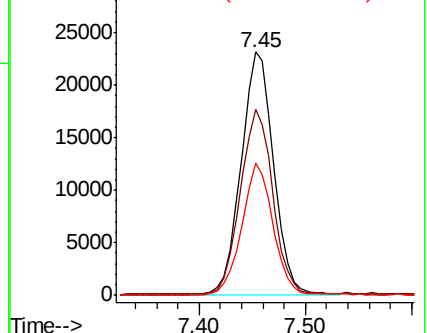
98 54.4 41.4 62.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 9.305 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX012011.D

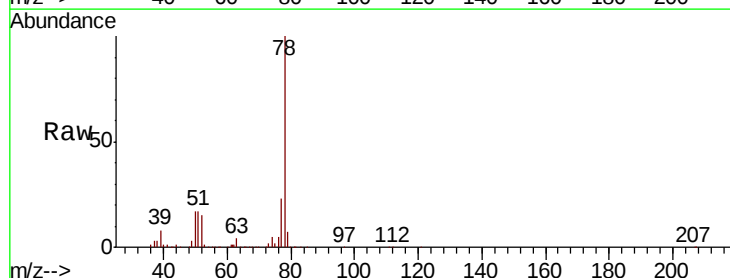
Acq: 02 Sep 2019 12:54

Tgt Ion: 78 Resp: 117110

Ion Ratio Lower Upper

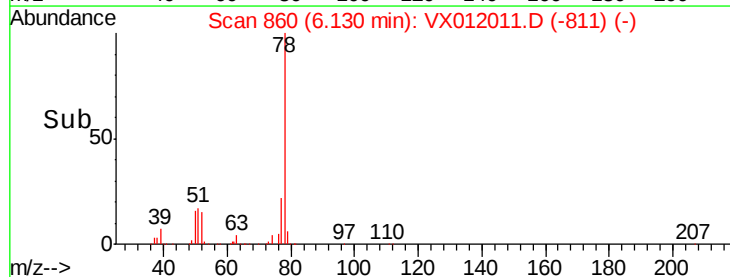
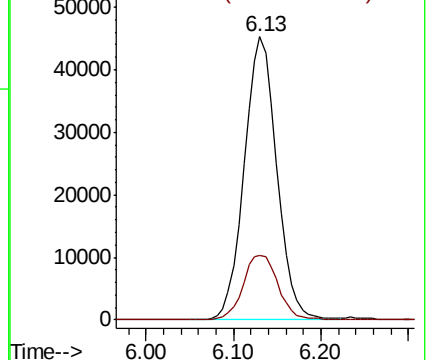
78 100

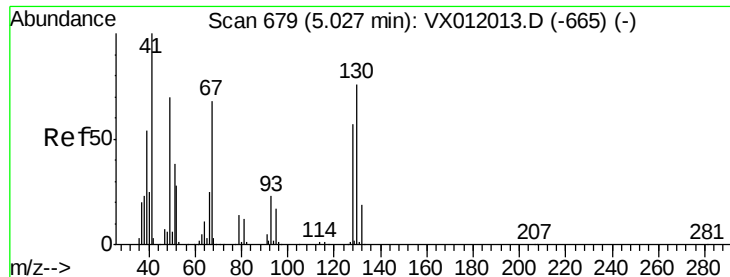
77 22.8 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

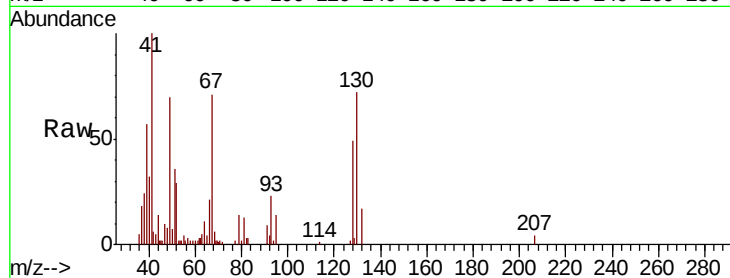




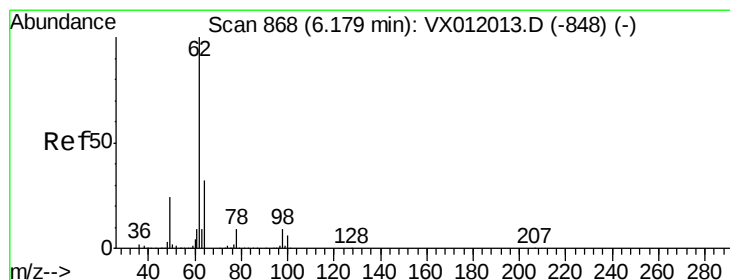
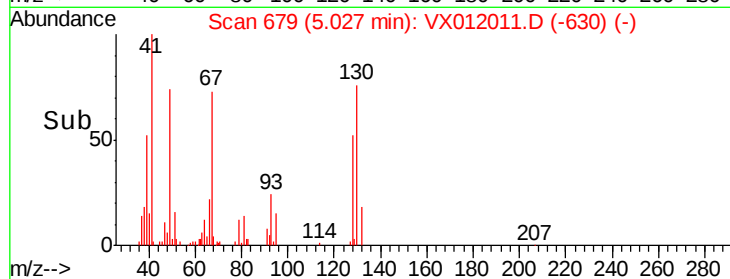
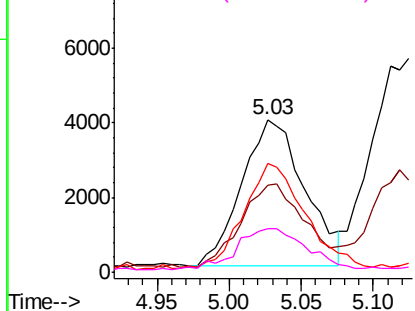
#41
Methacrylonitrile
Concen: 8.230 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	11934
Ion	Ratio	Lower	Upper
41	100		
39	58.1	46.7	70.1
67	73.3	57.0	85.6
52	31.6	23.5	35.3

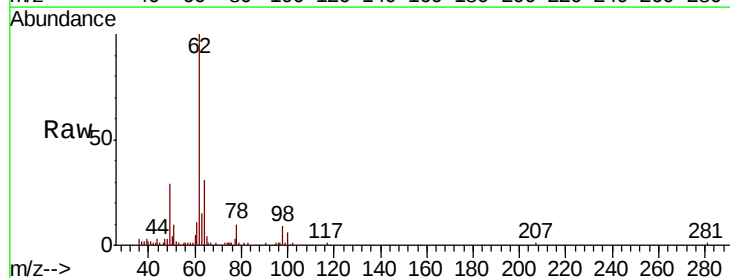


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

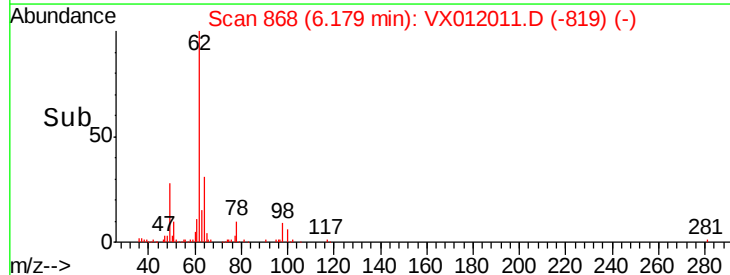
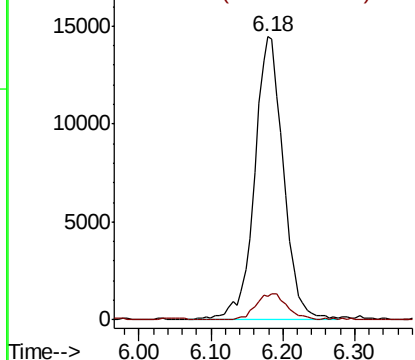


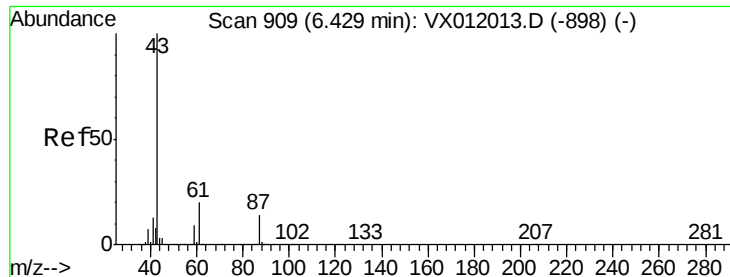
#42
1,2-Dichloroethane
Concen: 9.411 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion:	62	Resp:	40211
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 8.403 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

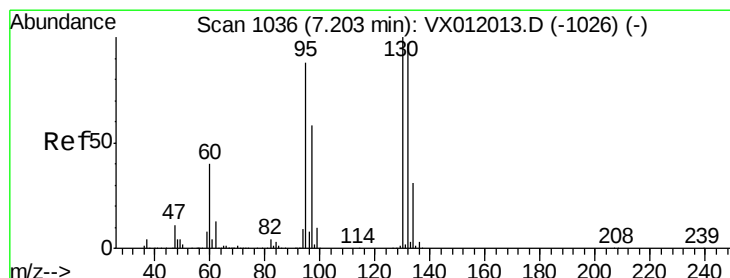
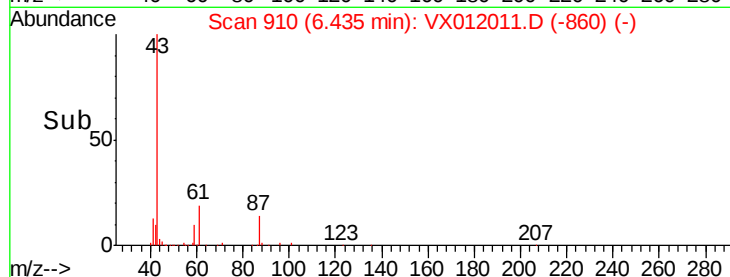
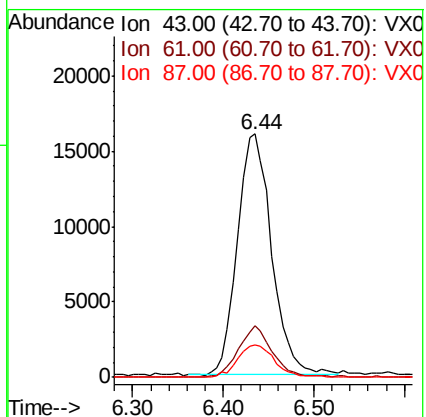
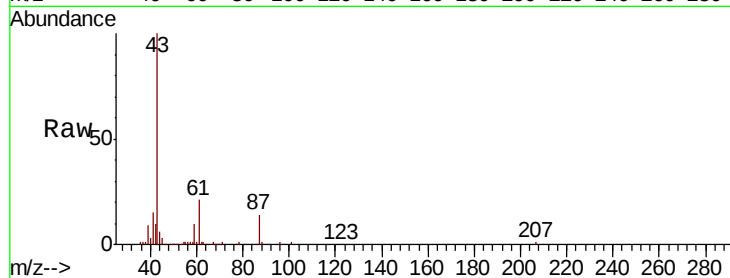
Tgt Ion: 43 Resp: 41891

Ion Ratio Lower Upper

43 100

61 20.8 16.1 24.1

87 14.6 11.3 16.9



#44

Trichloroethene

Concen: 9.861 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012011.D

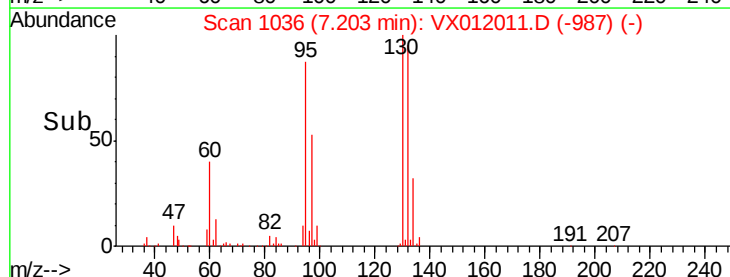
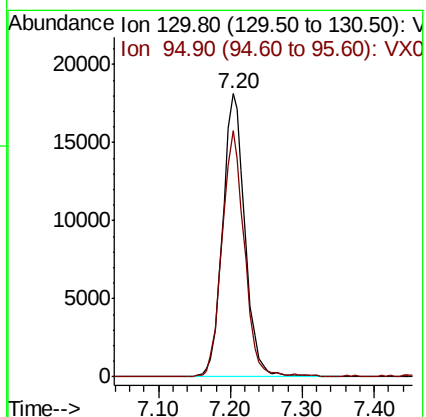
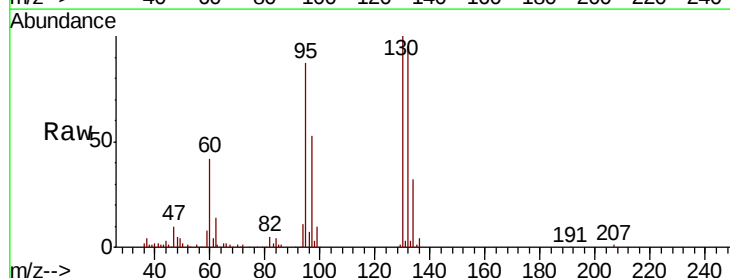
Acq: 02 Sep 2019 12:54

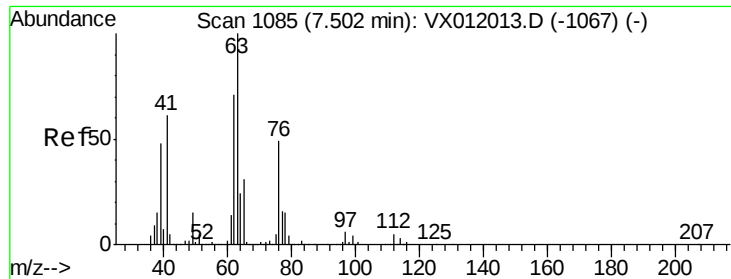
Tgt Ion: 130 Resp: 38924

Ion Ratio Lower Upper

130 100

95 87.2 0.0 176.4

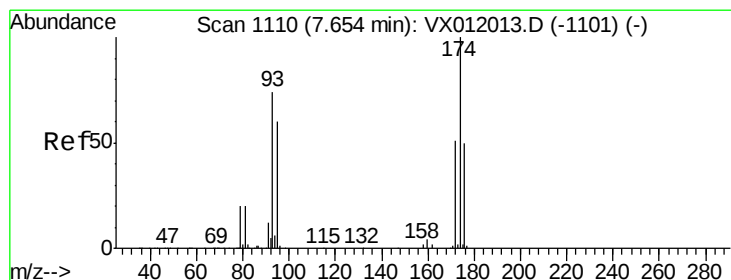
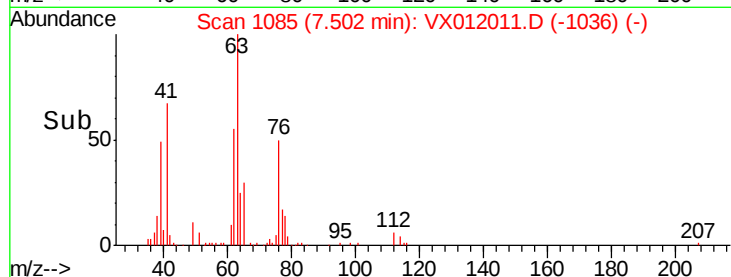
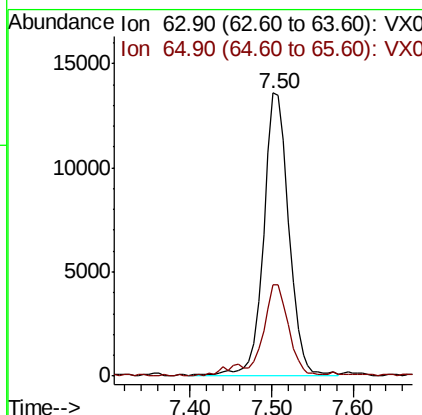
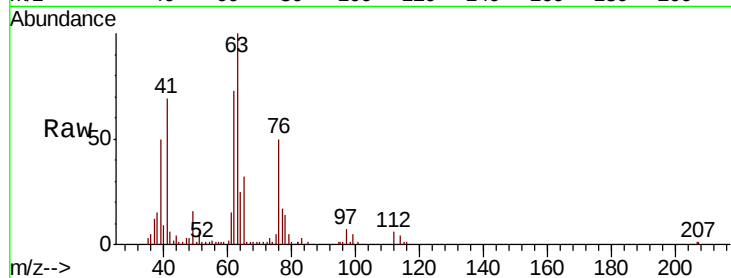




#45
 1,2-Dichloropropane
 Concen: 8.982 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

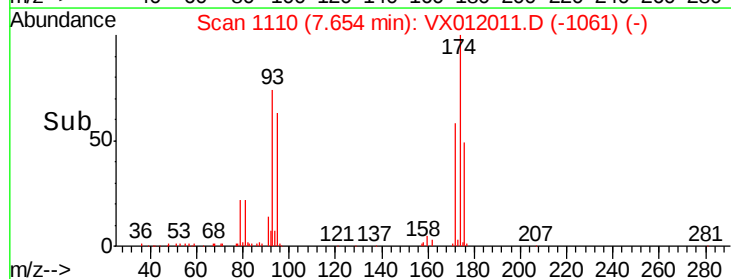
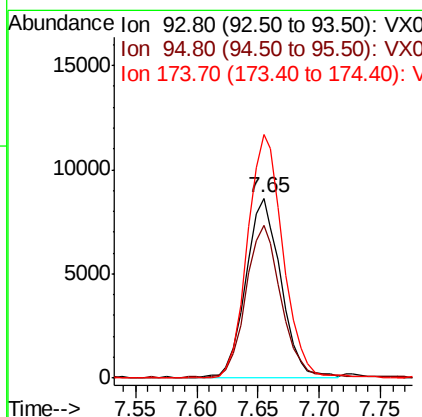
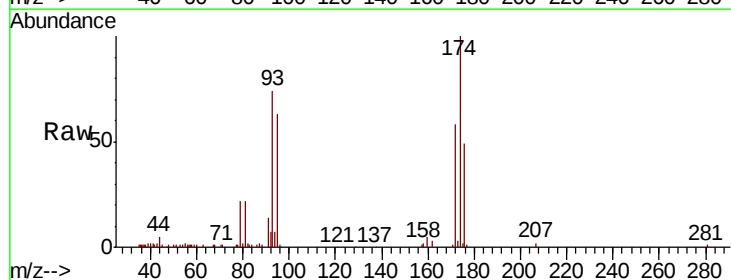
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

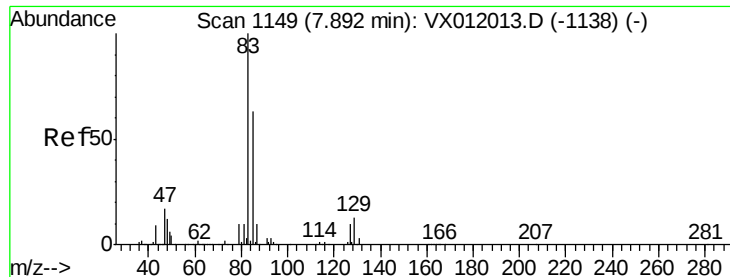
Tgt Ion: 63 Resp: 29406
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.0 37.6



#46
 Dibromomethane
 Concen: 8.861 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion: 93 Resp: 17293
 Ion Ratio Lower Upper
 93 100
 95 86.3 66.2 99.2
 174 136.7 110.2 165.4





#47

Bromodichloromethane

Concen: 9.232 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

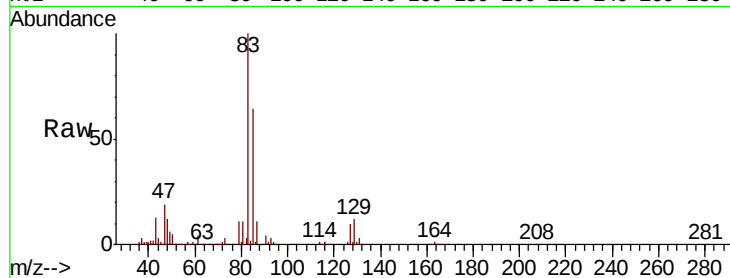
Tgt Ion: 83 Resp: 44603

Ion Ratio Lower Upper

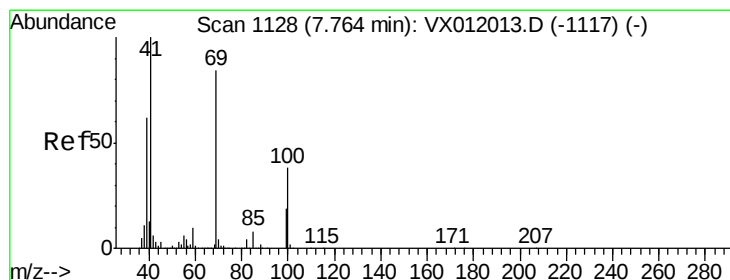
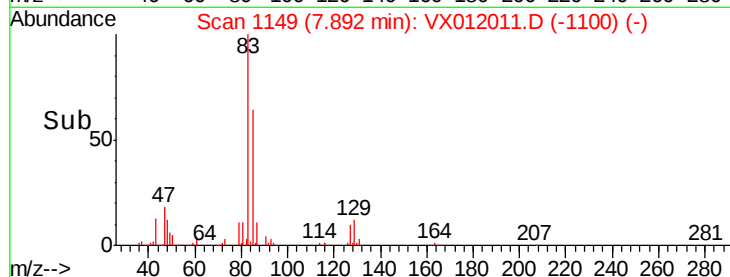
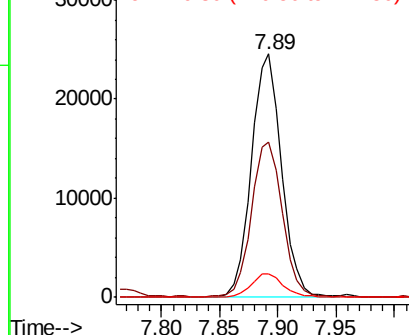
83 100

85 63.8 50.3 75.5

127 9.6 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 8.440 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

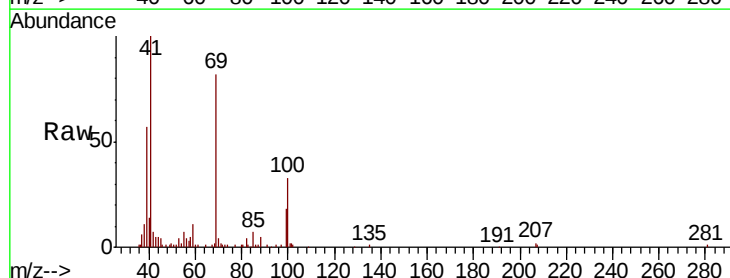
Tgt Ion: 41 Resp: 20472

Ion Ratio Lower Upper

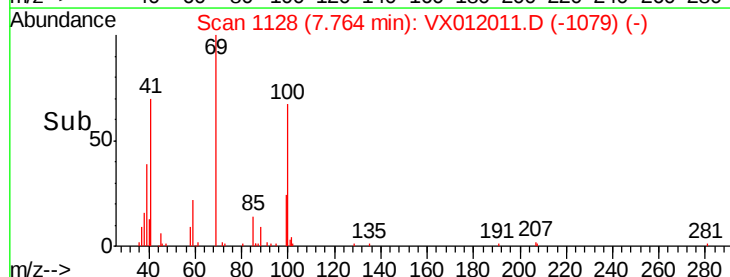
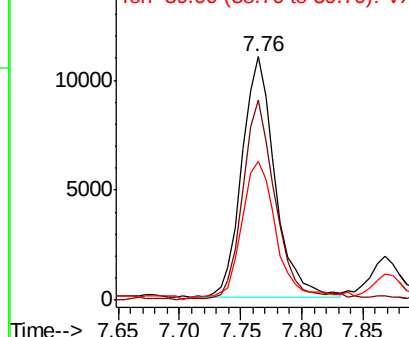
41 100

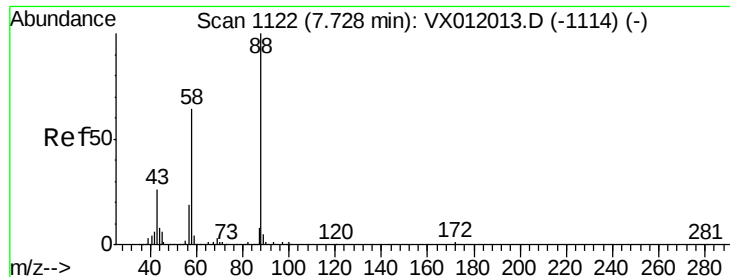
69 84.1 66.3 99.5

39 62.6 48.1 72.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

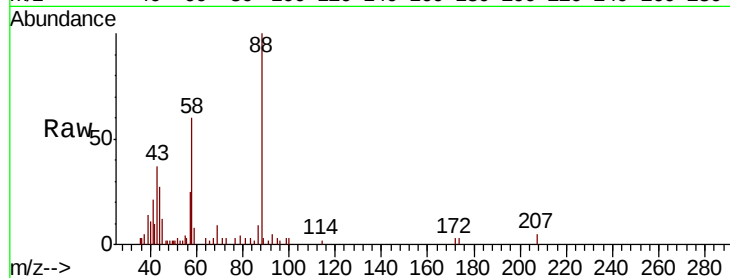




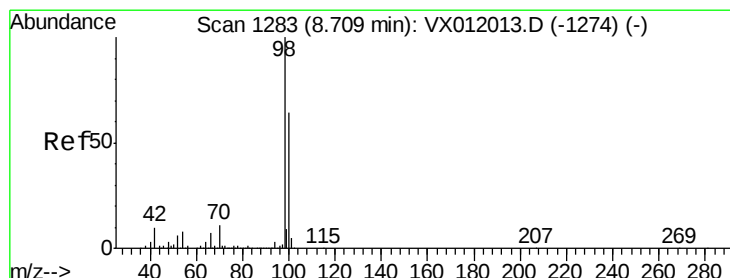
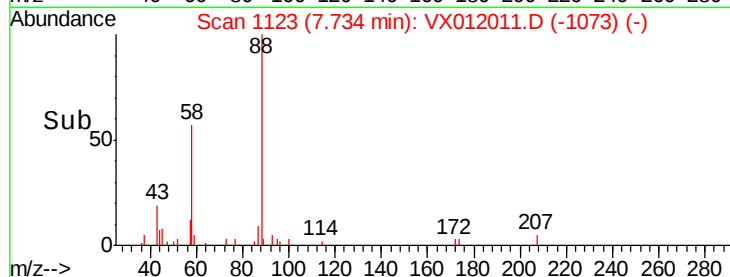
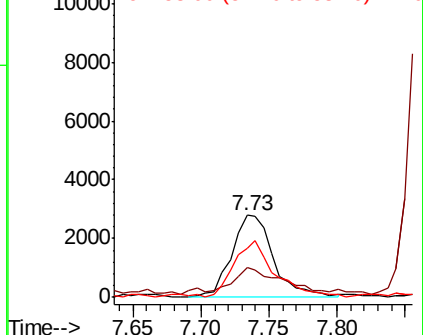
#49
 1,4-Dioxane
 Concen: 180.817 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 88 Resp: 5999
 Ion Ratio Lower Upper
 88 100
 43 29.5 29.8 44.6#
 58 67.3 55.4 83.2

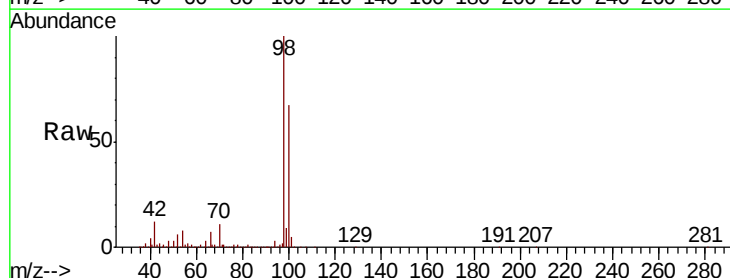


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

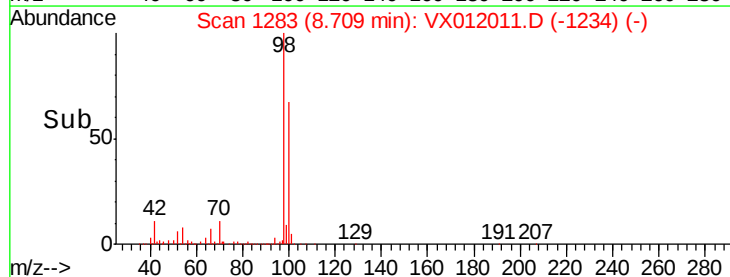
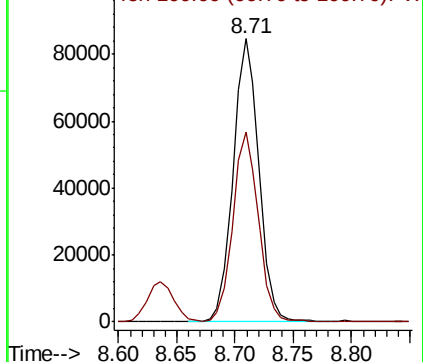


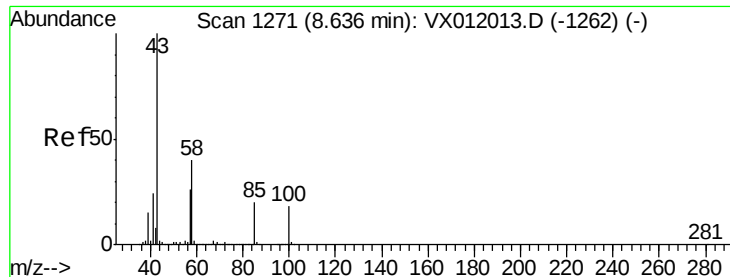
#50
 Toluene-d8
 Concen: 10.481 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion: 98 Resp: 130153
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

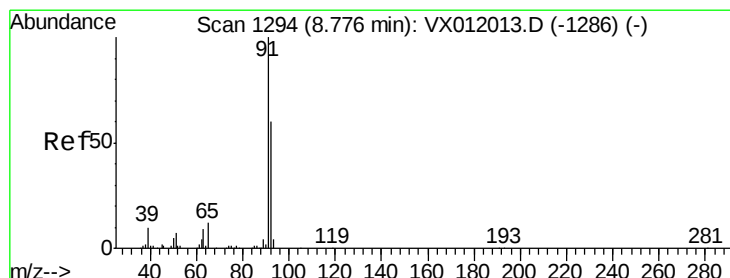
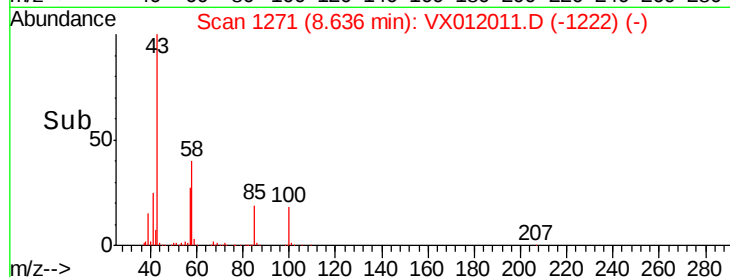
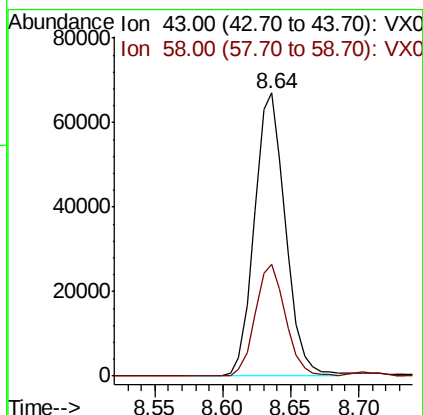
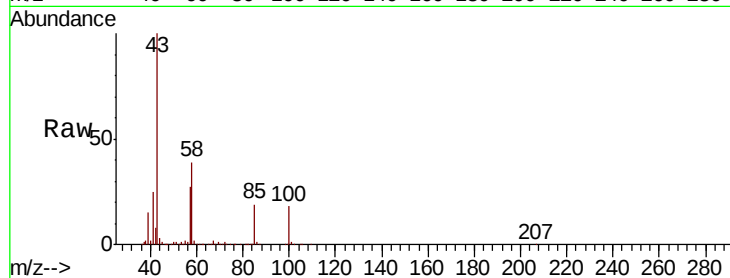




#51
 4-Methyl-2-Pentanone
 Concen: 42.181 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

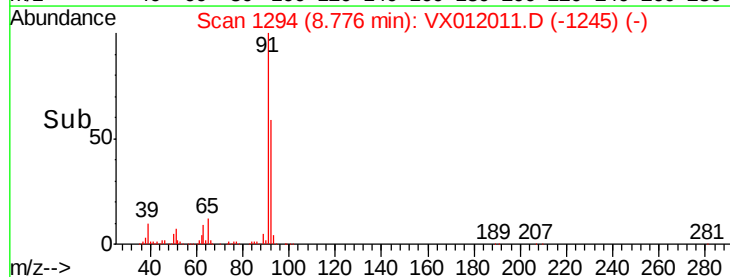
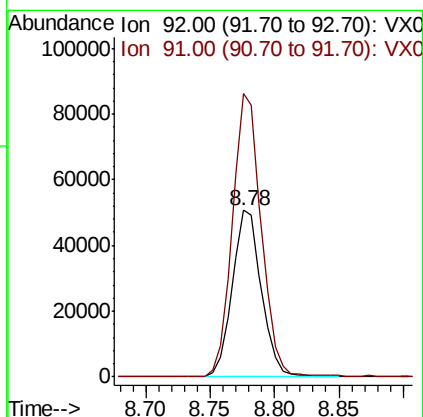
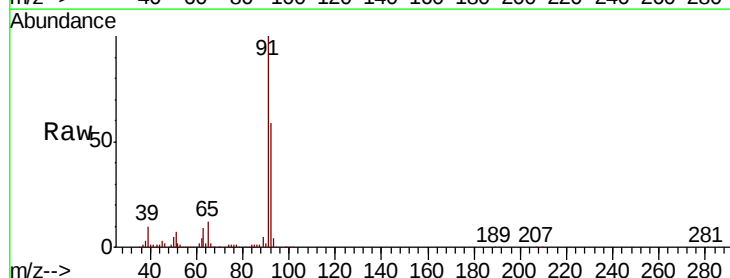
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

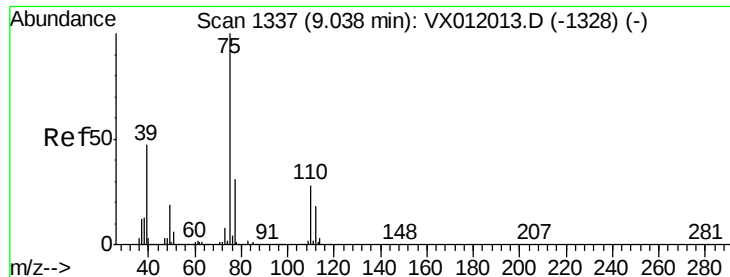
Tgt Ion: 43 Resp: 106625
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.5 47.3



#52
 Toluene
 Concen: 9.531 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion: 92 Resp: 79698
 Ion Ratio Lower Upper
 92 100
 91 169.2 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 8.952 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

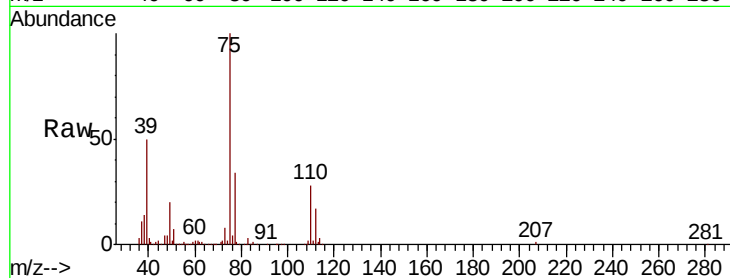
VSTDIC010

Tgt Ion: 75 Resp: 44290

Ion Ratio Lower Upper

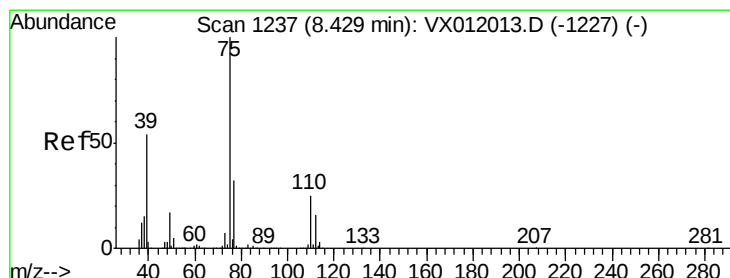
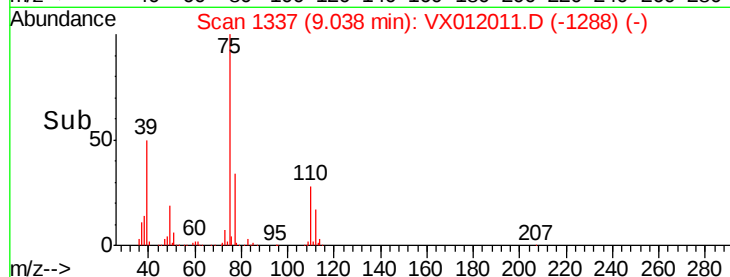
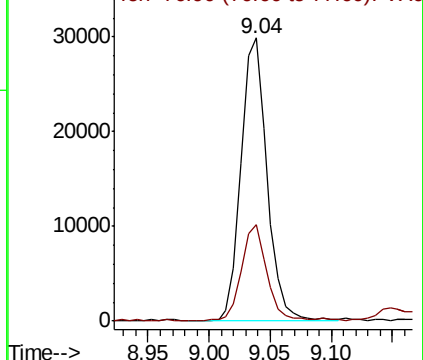
75 100

77 33.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 8.978 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

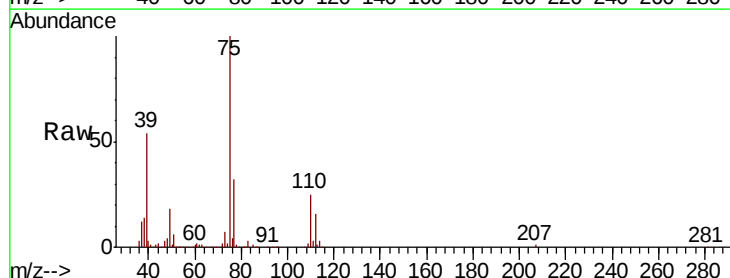
Tgt Ion: 75 Resp: 49854

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

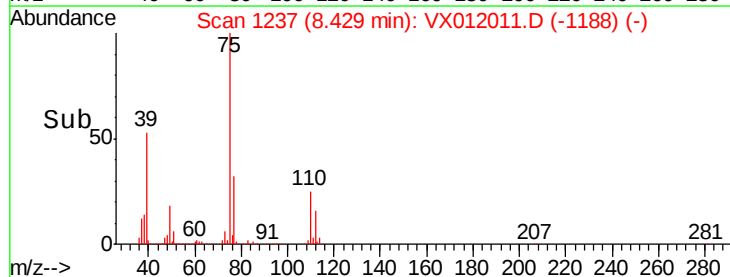
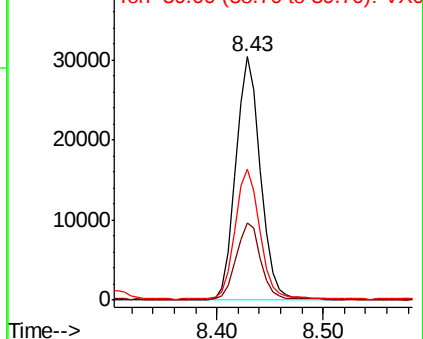
39 53.4 43.0 64.4

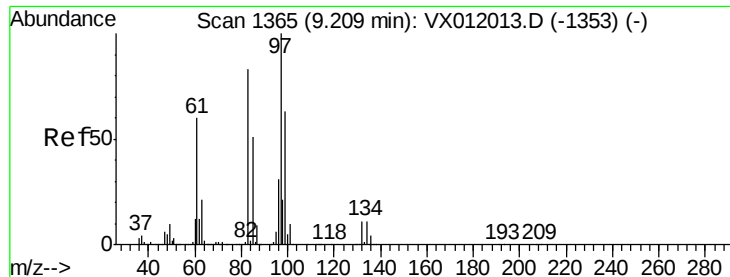


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

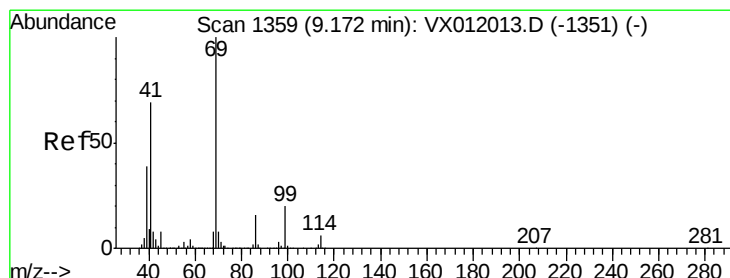
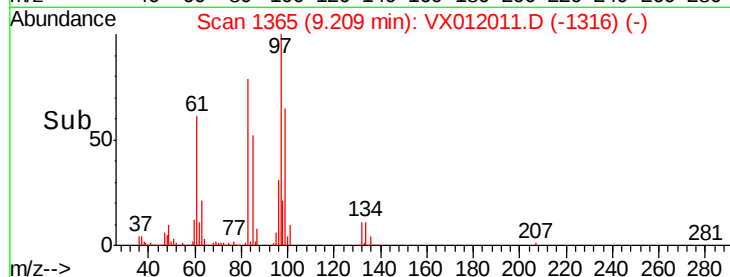
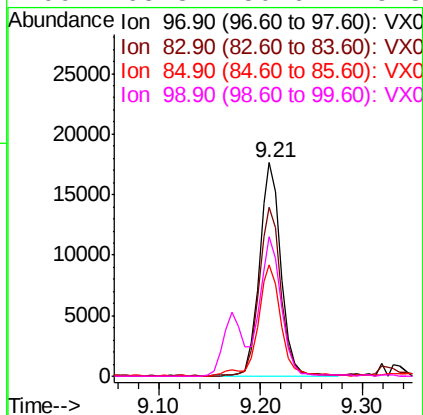
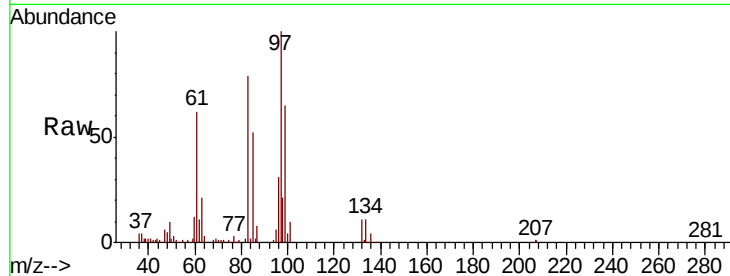




#55
 1,1,2-Trichloroethane
 Concen: 9.191 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

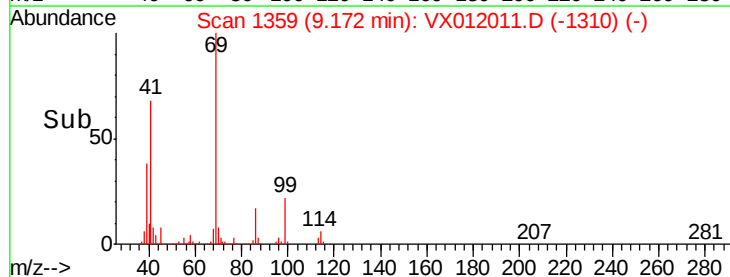
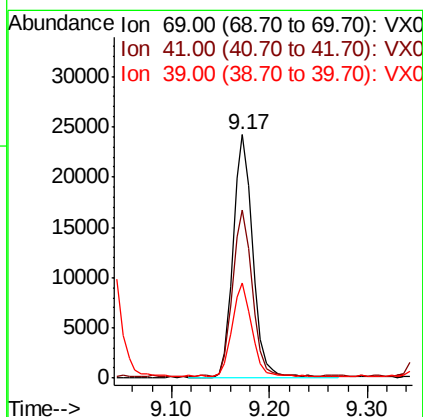
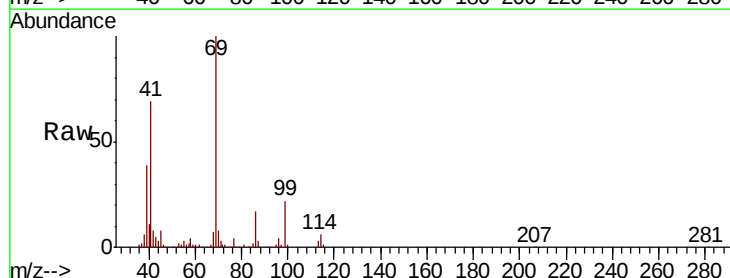
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

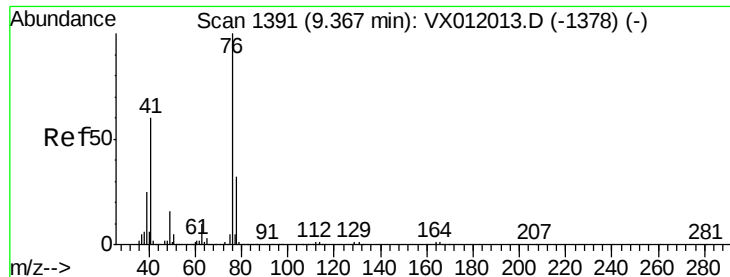
Tgt Ion:	97	Resp:	26242
Ion	Ratio	Lower	Upper
97	100		
83	79.3	66.0	99.0
85	52.2	41.0	61.6
99	65.3	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 8.719 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion:	69	Resp:	34305
Ion	Ratio	Lower	Upper
69	100		
41	69.0	53.9	80.9
39	37.5	31.1	46.7

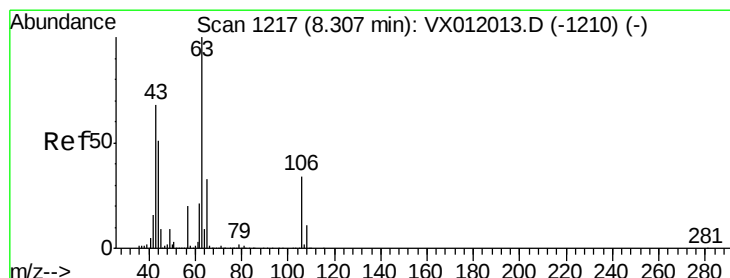
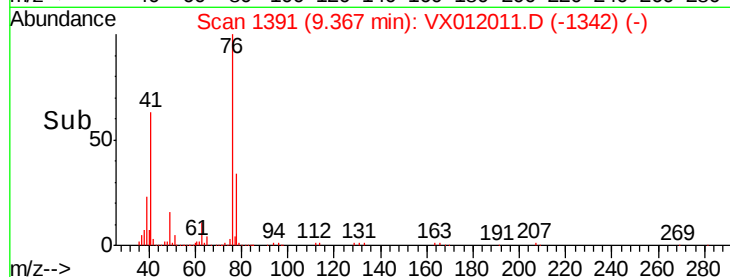
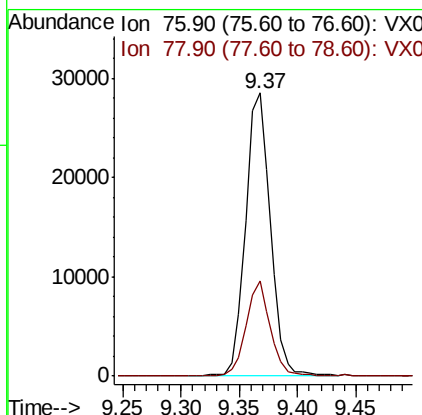
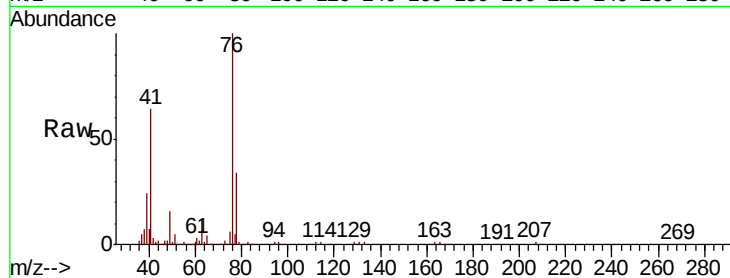




#57
 1,3-Dichloropropane
 Concen: 9.050 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

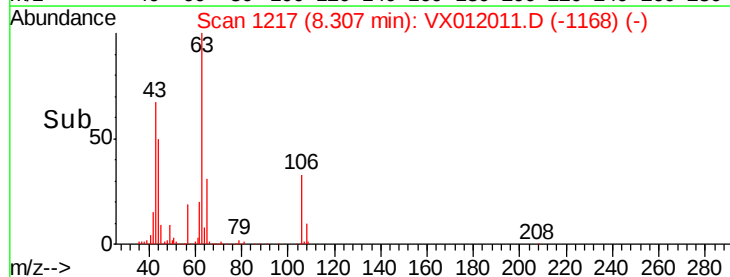
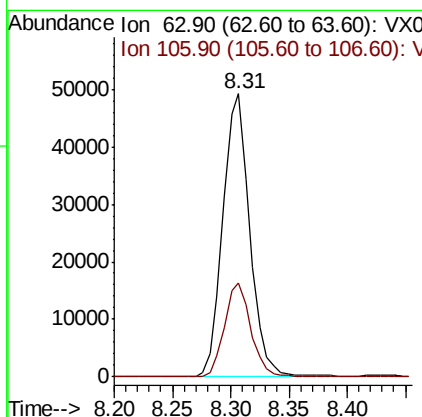
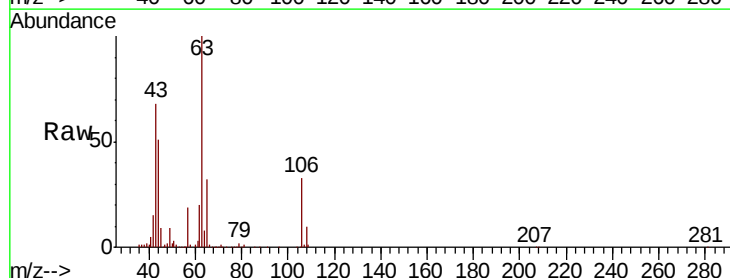
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

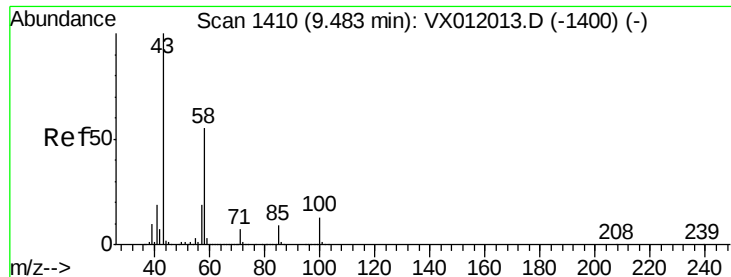
Tgt Ion: 76 Resp: 42802
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 42.463 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion: 63 Resp: 78324
 Ion Ratio Lower Upper
 63 100
 106 32.8 26.5 39.7

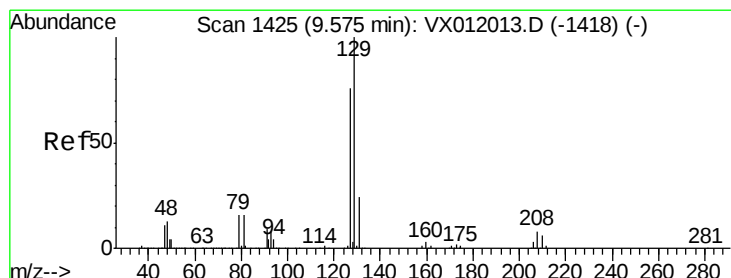
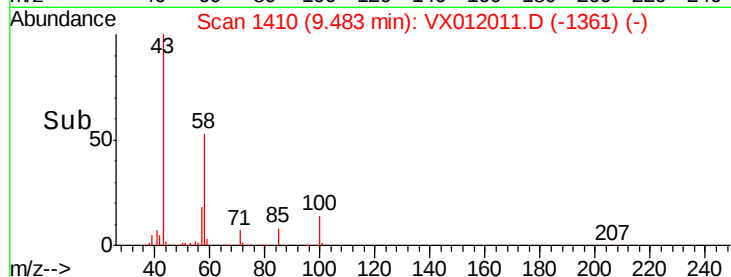
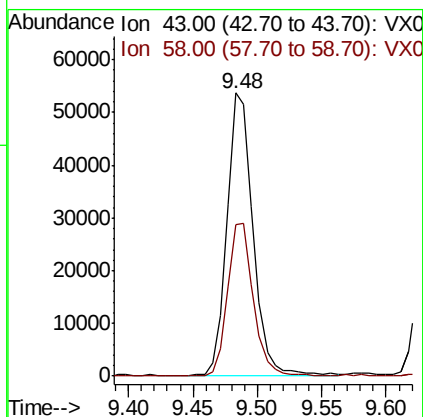
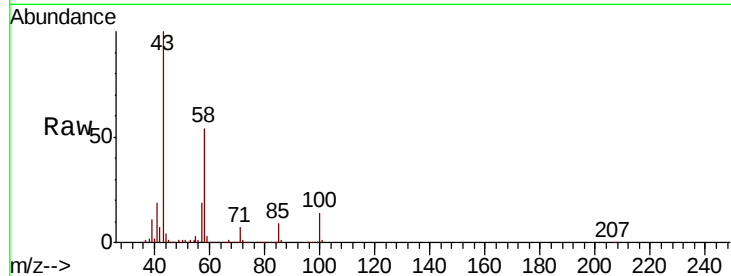




#59
2-Hexanone
Concen: 42.244 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

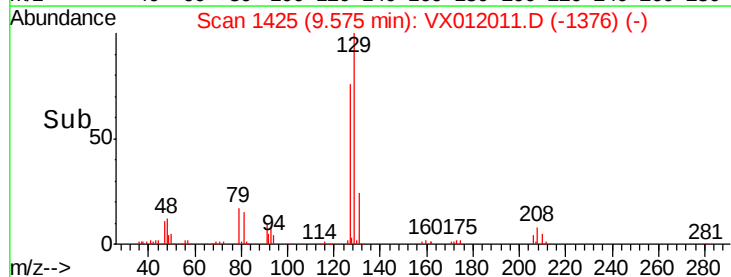
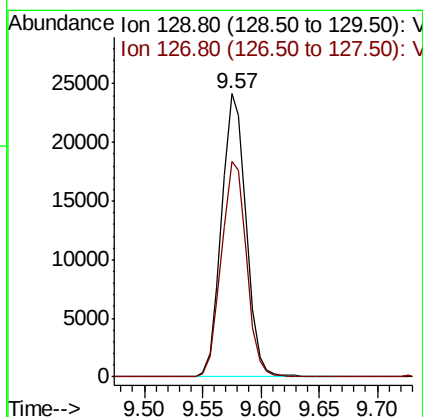
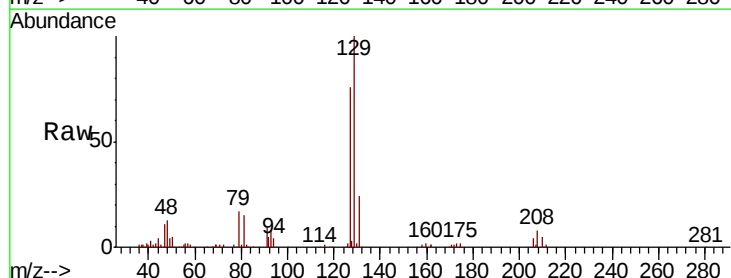
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

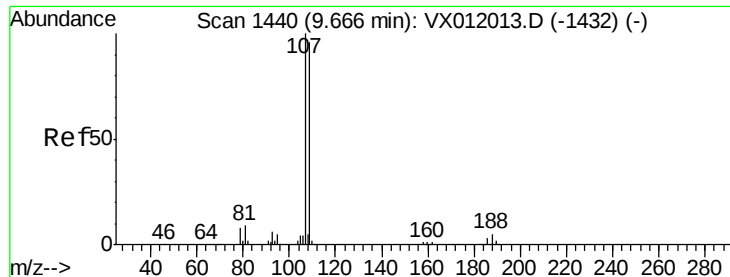
Tgt Ion: 43 Resp: 75910
Ion Ratio Lower Upper
43 100
58 54.1 27.2 81.6



#60
Dibromochloromethane
Concen: 9.152 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion: 129 Resp: 35187
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 8.982 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

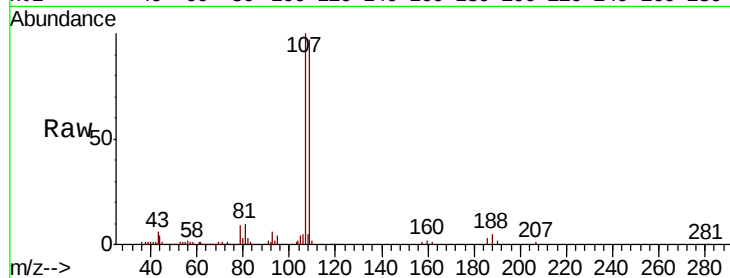
VSTDIC010

Tgt Ion: 107 Resp: 25429

Ion Ratio Lower Upper

107 100

109 94.3 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

20000

15000

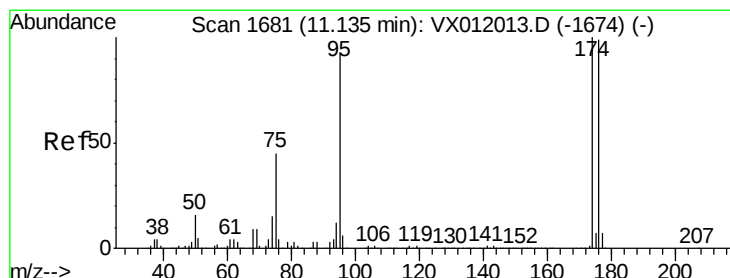
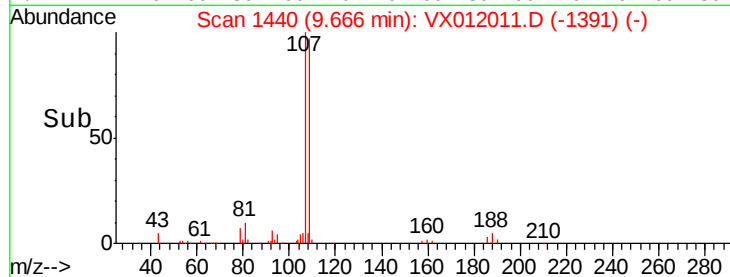
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 11.727 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

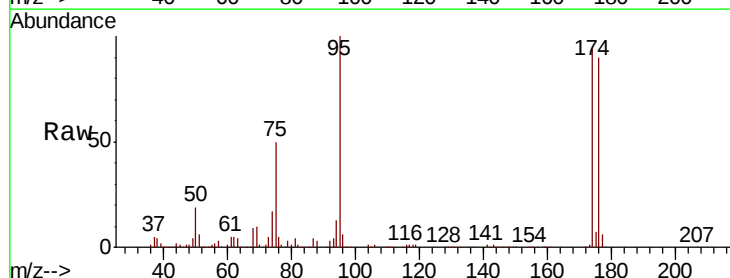
Tgt Ion: 95 Resp: 63662

Ion Ratio Lower Upper

95 100

174 101.6 0.0 205.4

176 99.3 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

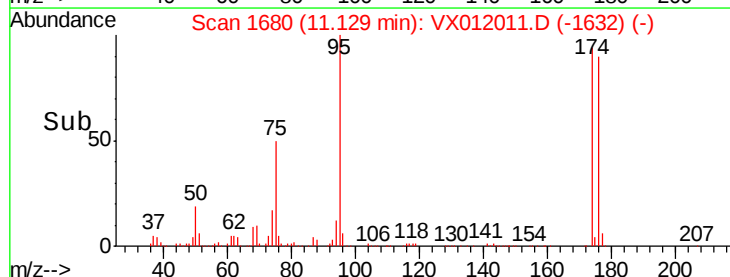
40000

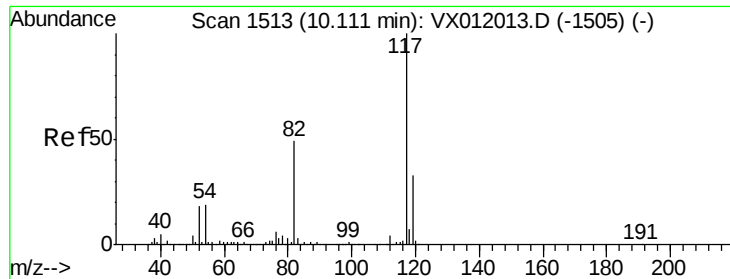
20000

0

11.05 11.10 11.15 11.20

Time-->

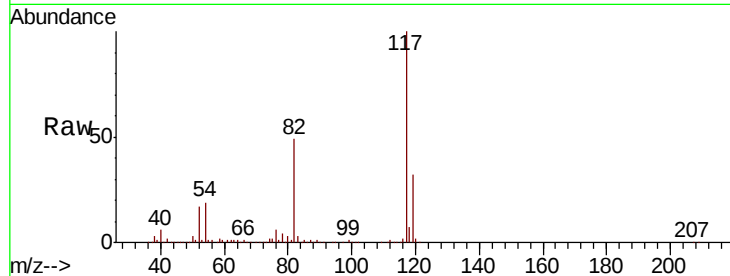




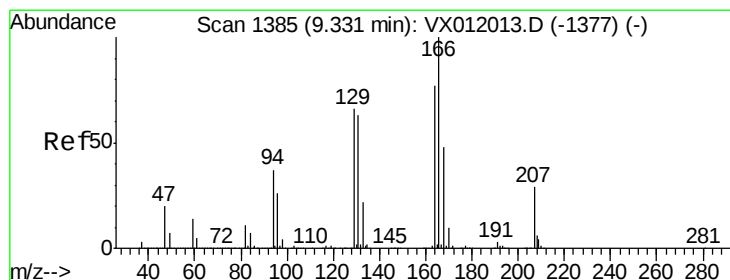
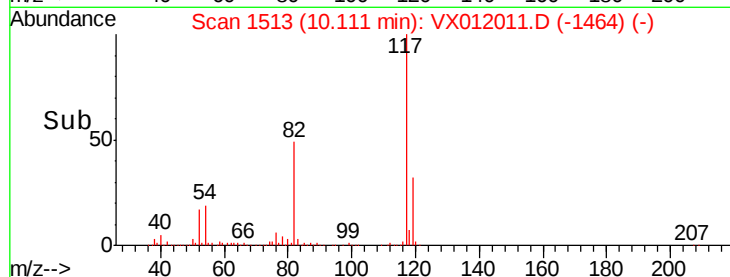
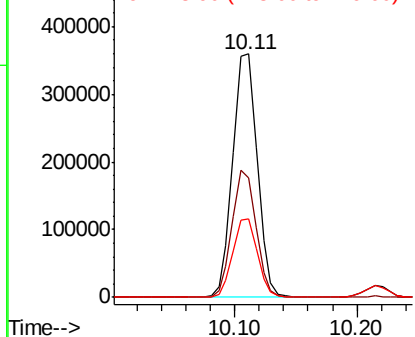
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 499020
Ion Ratio Lower Upper
117 100
82 49.3 39.4 59.0
119 32.4 26.1 39.1

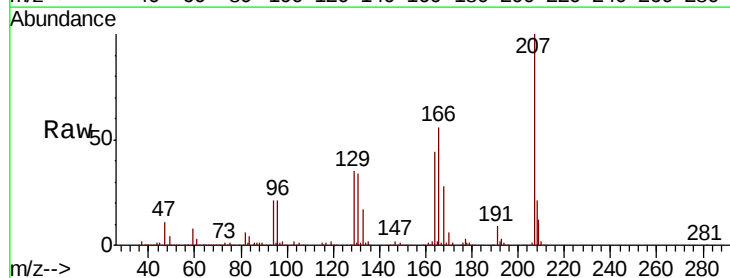


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

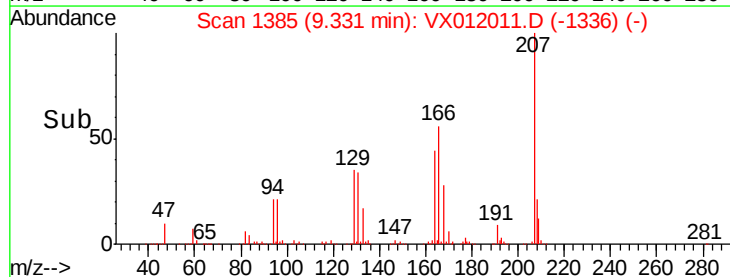
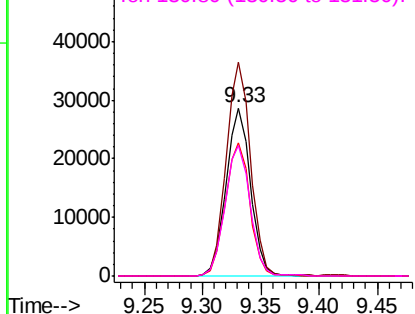


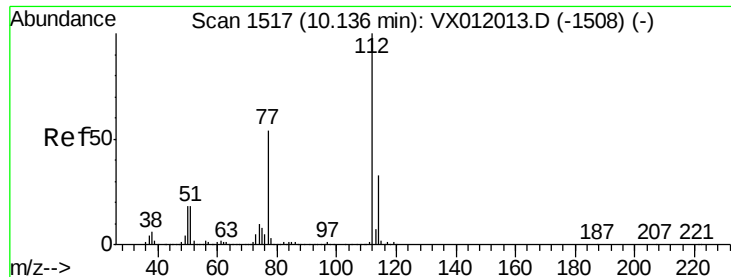
#64
Tetrachloroethene
Concen: 10.334 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion:164 Resp: 41638
Ion Ratio Lower Upper
164 100
166 127.1 104.3 156.5
129 79.6 68.3 102.5
131 77.7 65.4 98.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

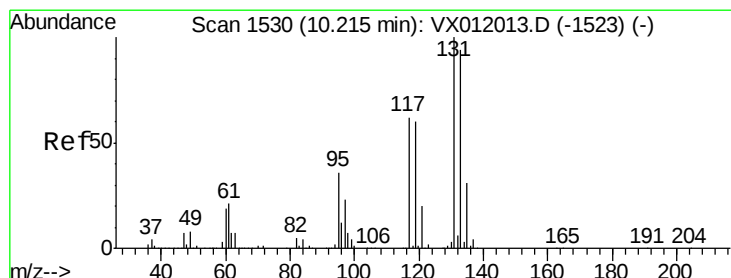
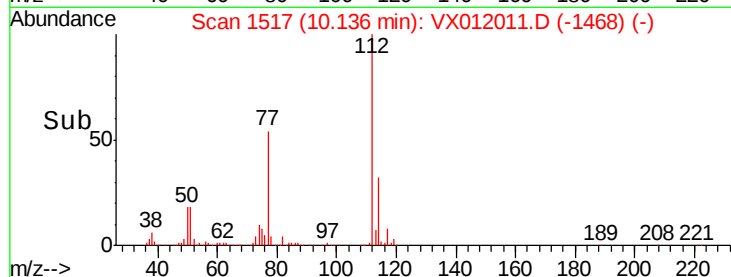
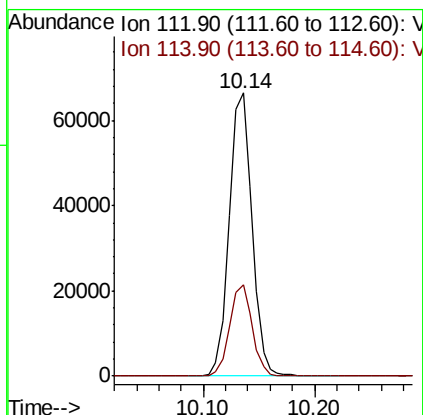
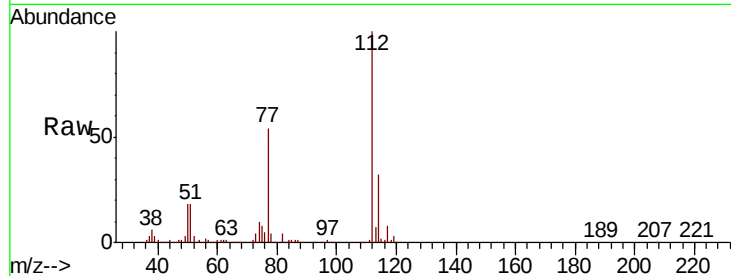




#65
Chlorobenzene
Concen: 9.794 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

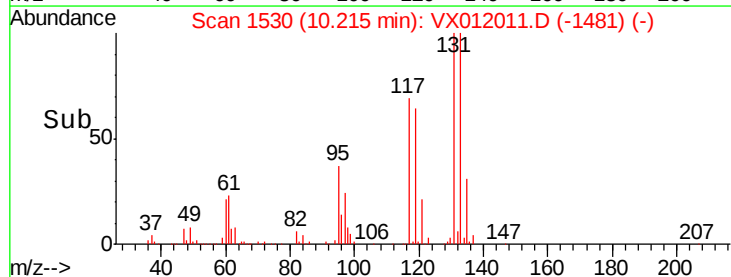
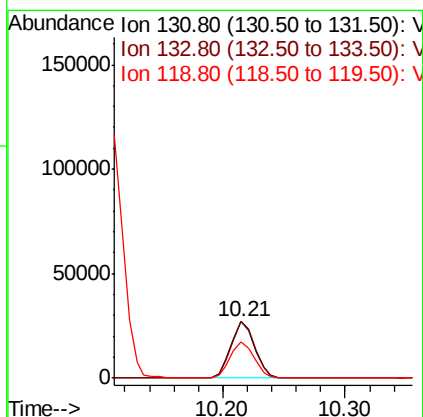
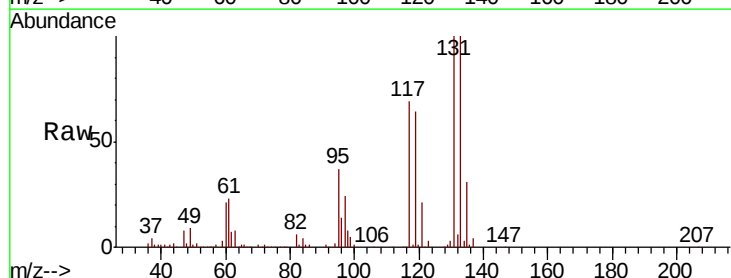
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

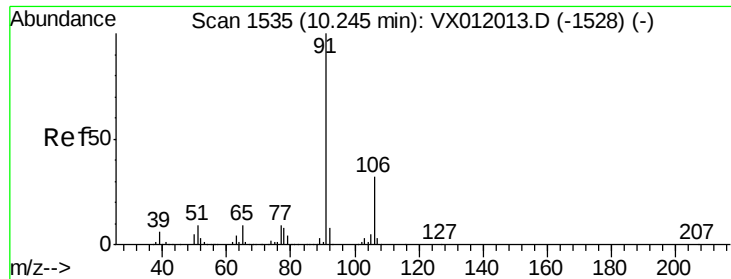
Tgt Ion:112 Resp: 94244
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 9.453 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion:131 Resp: 36704
Ion Ratio Lower Upper
131 100
133 98.7 48.4 145.0
119 63.5 30.5 91.5





#67

Ethyl Benzene

Concen: 9.789 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

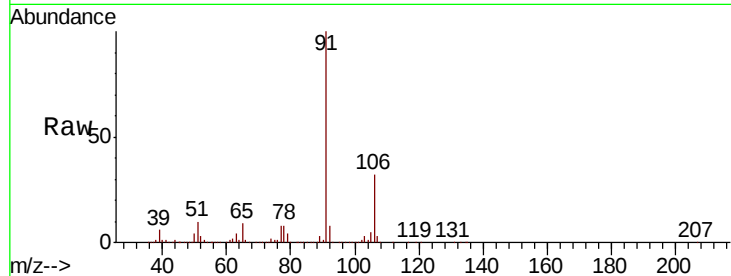
VSTDIC010

Tgt Ion: 91 Resp: 160012

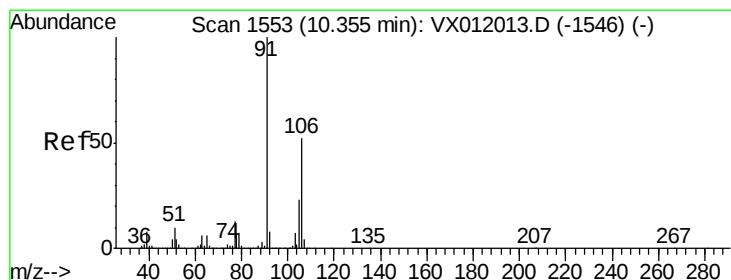
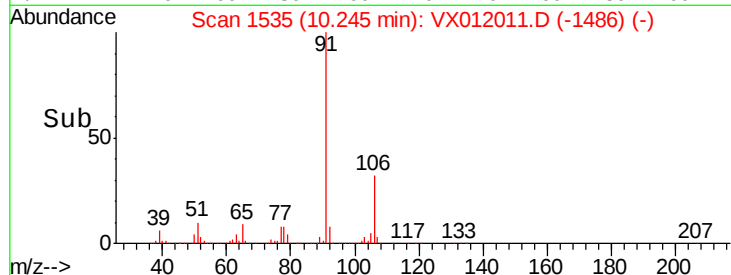
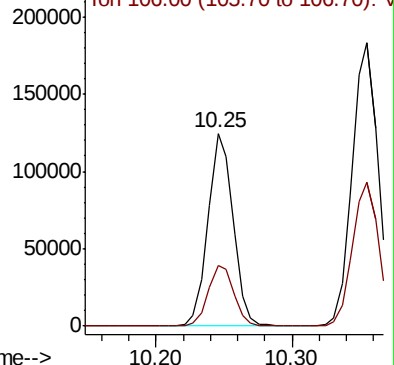
Ion Ratio Lower Upper

91 100

106 31.6 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX012013.D (-1528) (-)



#68

m/p-Xylenes

Concen: 19.841 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012011.D

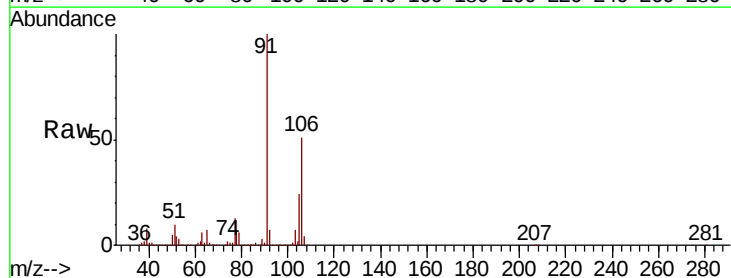
Acq: 02 Sep 2019 12:54

Tgt Ion: 106 Resp: 125410

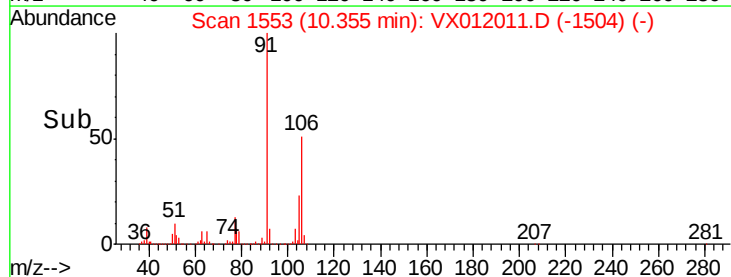
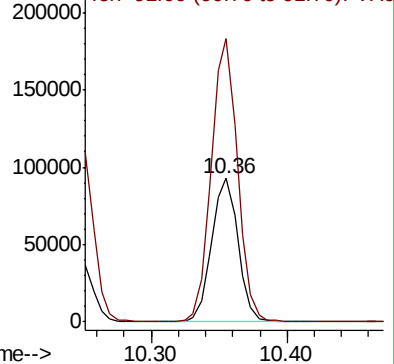
Ion Ratio Lower Upper

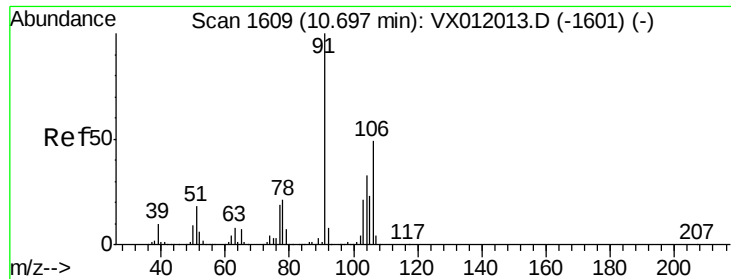
106 100

91 196.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX012013.D (-1546) (-)

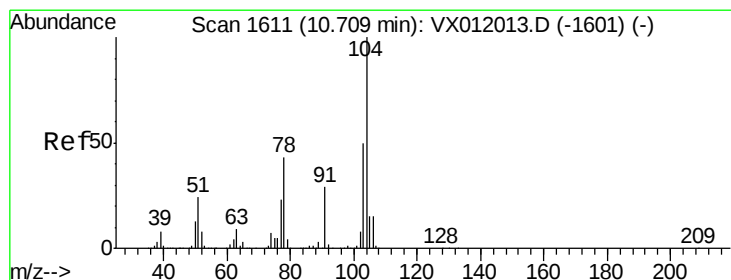
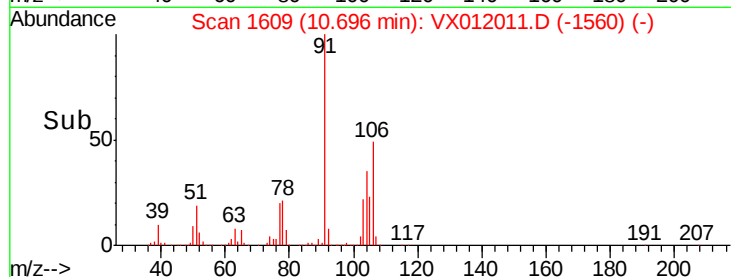
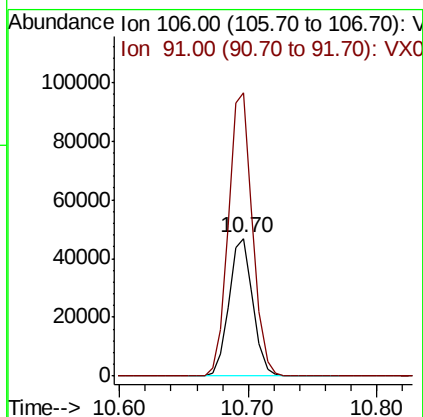
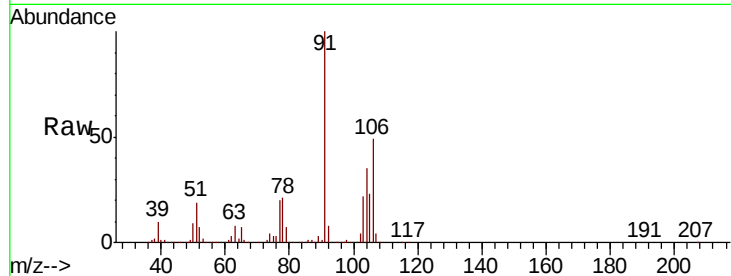




#69
o-Xylene
Concen: 9.935 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

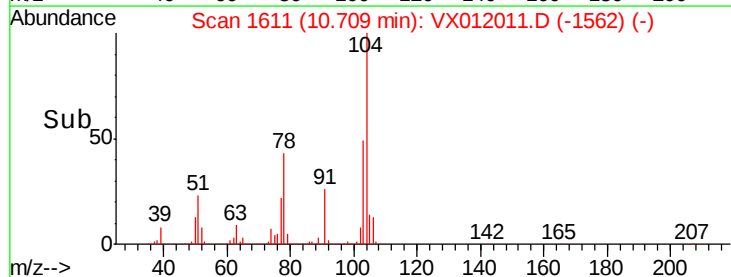
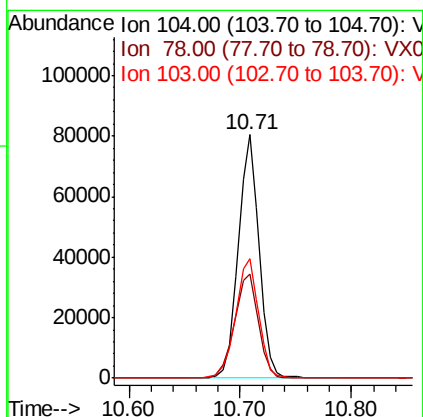
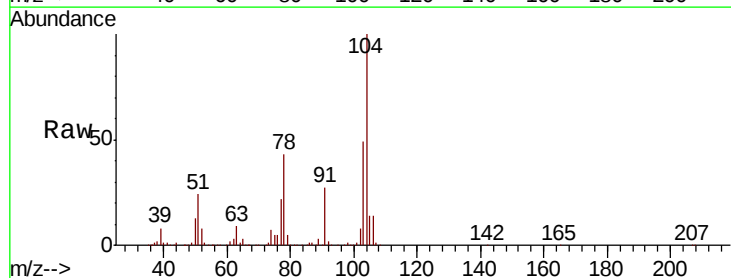
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

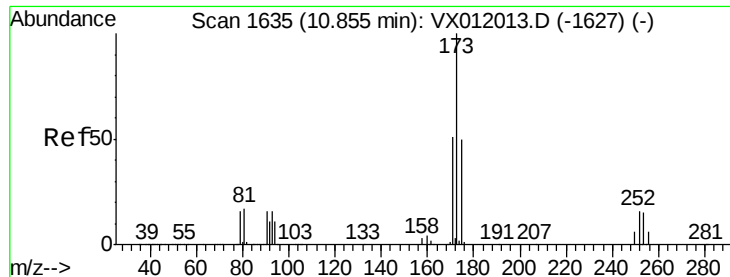
Tgt Ion:106 Resp: 61110
Ion Ratio Lower Upper
106 100
91 206.8 103.5 310.3



#70
Styrene
Concen: 9.612 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion:104 Resp: 103760
Ion Ratio Lower Upper
104 100
78 49.3 39.1 58.7
103 54.3 43.4 65.2

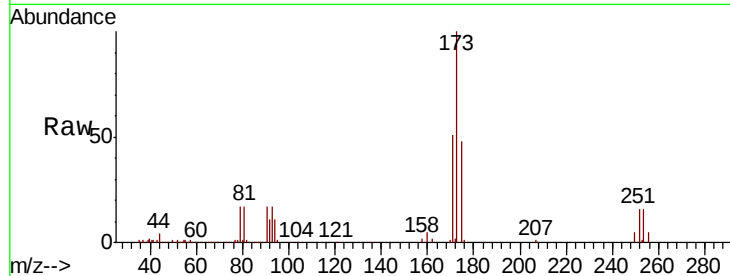




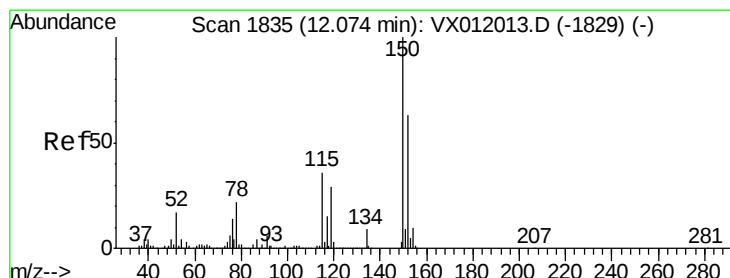
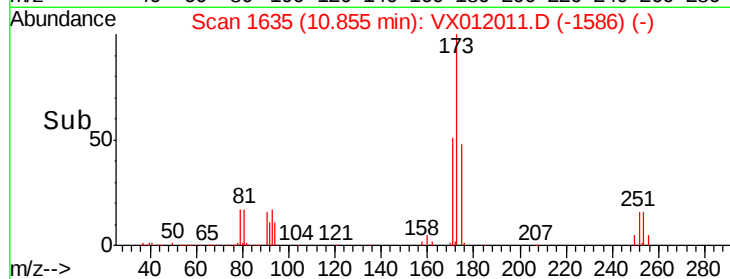
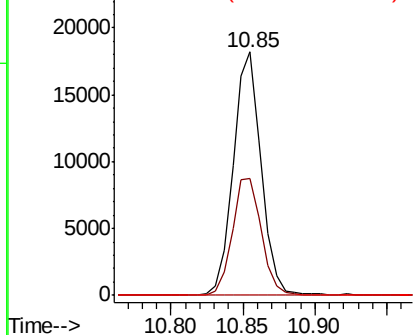
#71
Bromoform
Concen: 8.959 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 24590
Ion Ratio Lower Upper
173 100
175 50.2 24.9 74.7
254 0.0 0.1 0.1#

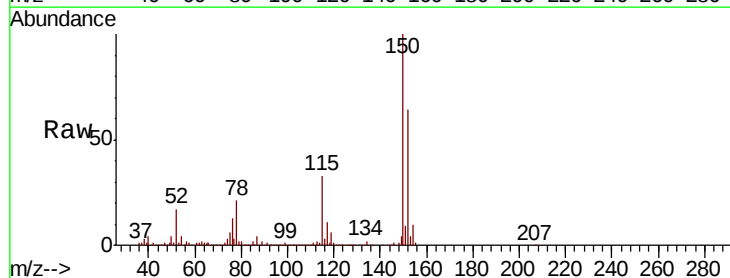


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

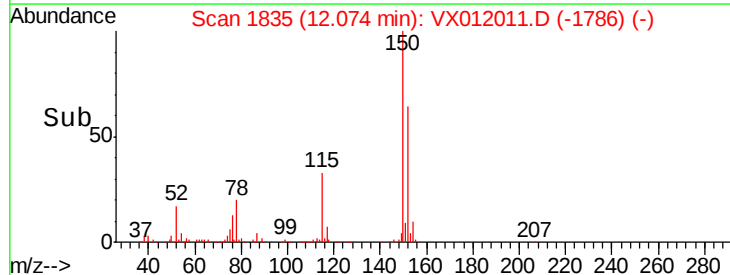
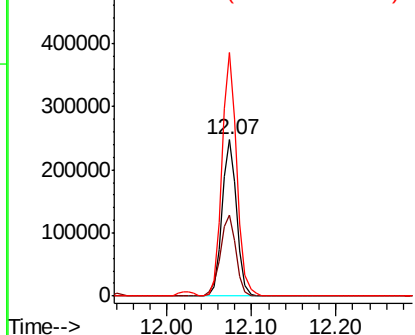


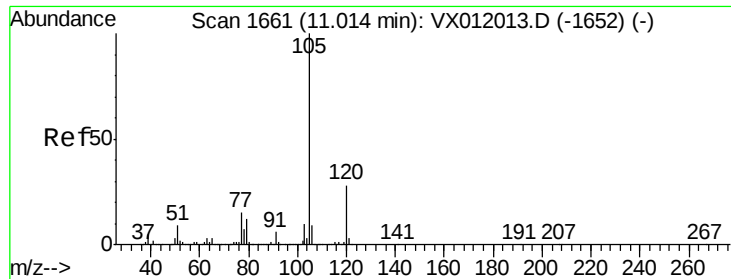
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion:152 Resp: 294345
Ion Ratio Lower Upper
152 100
115 55.8 36.4 109.3
150 157.6 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 9.897 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

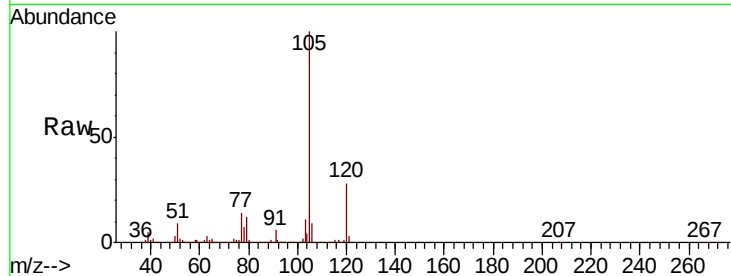
VSTDIC010

Tgt Ion: 105 Resp: 167141

Ion Ratio Lower Upper

105 100

120 27.0 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

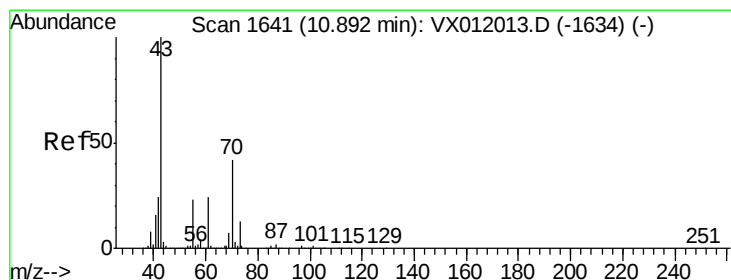
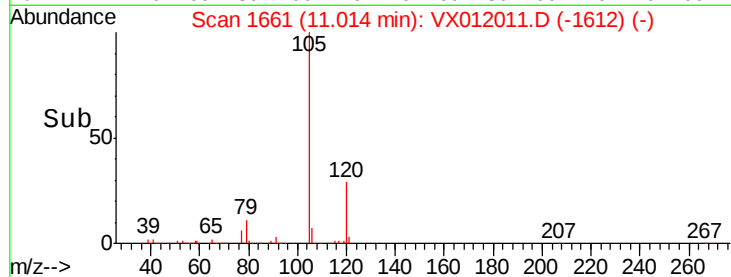
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 8.183 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Tgt Ion: 43 Resp: 40082

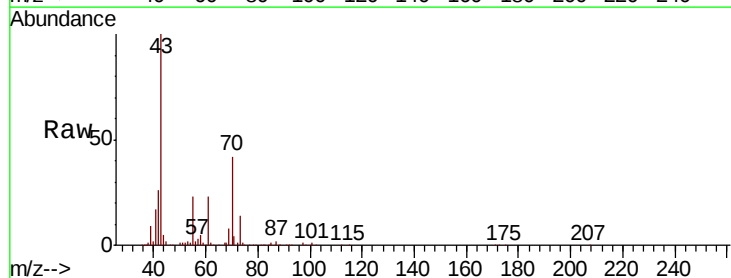
Ion Ratio Lower Upper

43 100

70 44.0 34.4 51.6

55 24.8 18.5 27.7

61 24.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

50000

40000

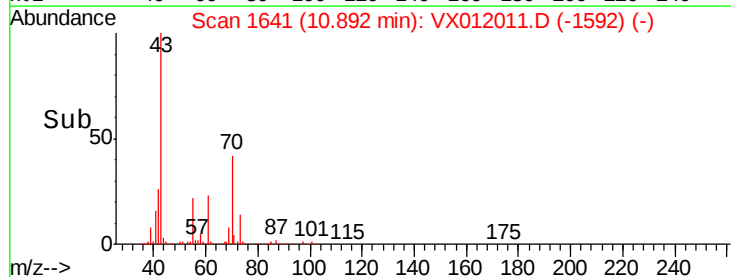
30000

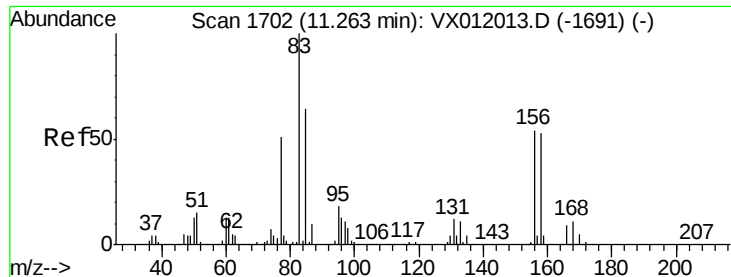
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 8.932 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

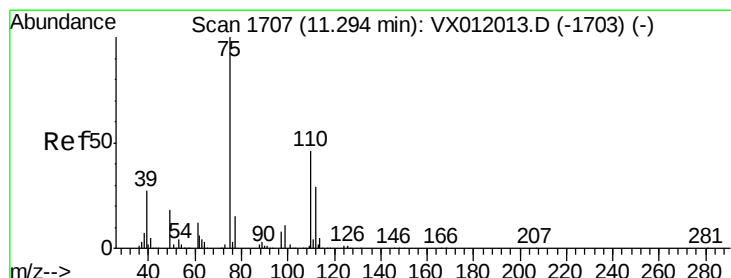
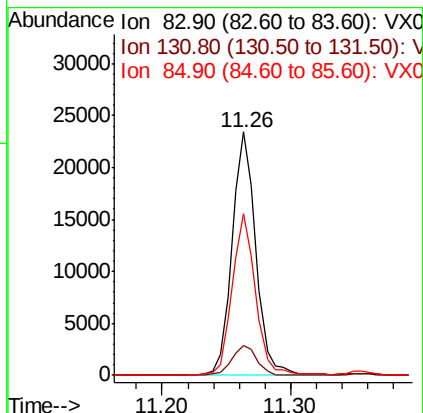
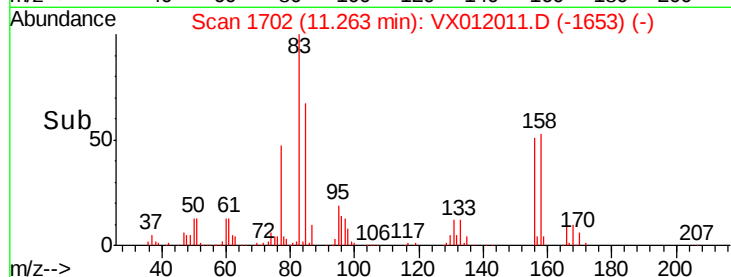
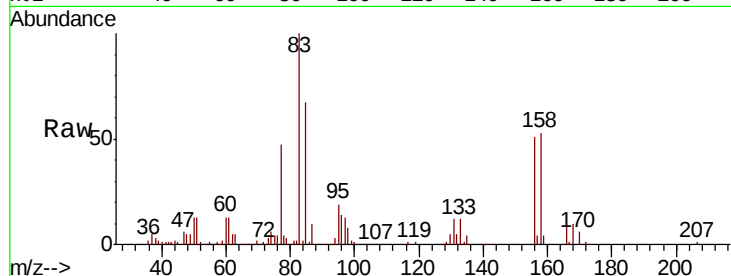
Tgt Ion: 83 Resp: 30341

Ion Ratio Lower Upper

83 100

131 12.8 6.3 19.1

85 65.1 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 11.880 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012011.D

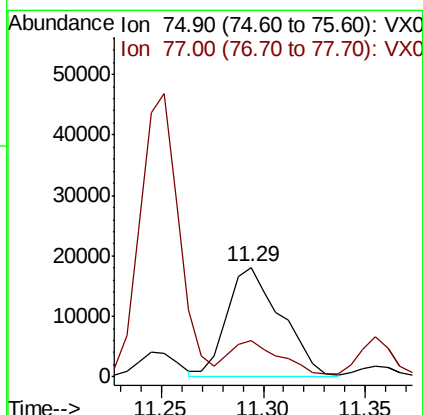
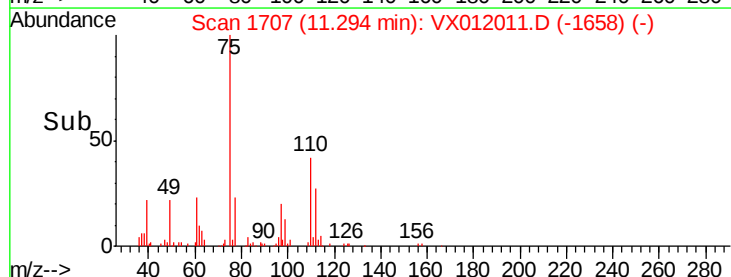
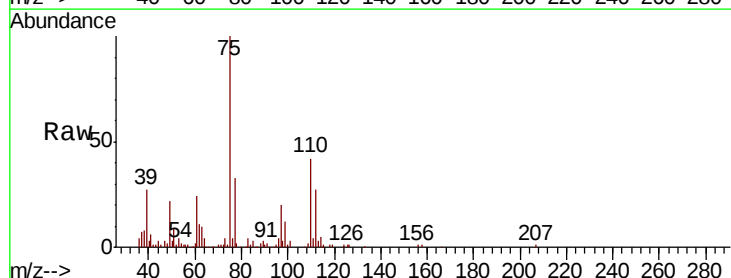
Acq: 02 Sep 2019 12:54

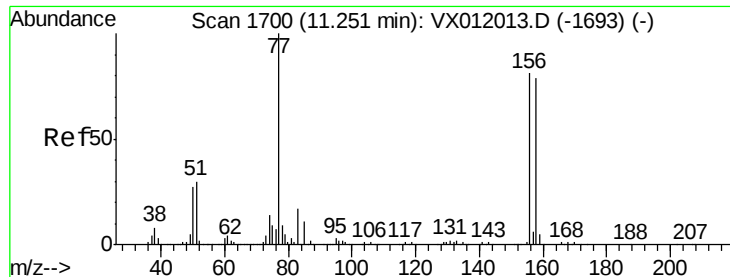
Tgt Ion: 75 Resp: 33101

Ion Ratio Lower Upper

75 100

77 31.7 23.5 70.5





#77

Bromobenzene

Concen: 9.876 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

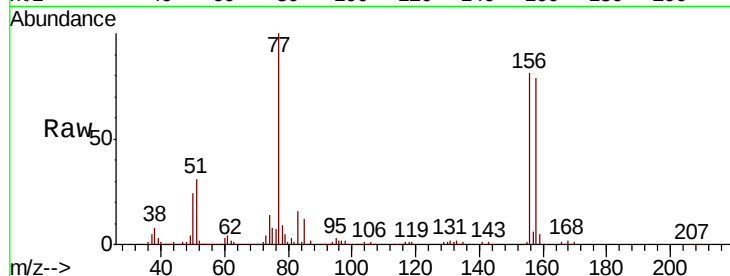
Tgt Ion:156 Resp: 48383

Ion Ratio Lower Upper

156 100

77 126.9 63.4 190.2

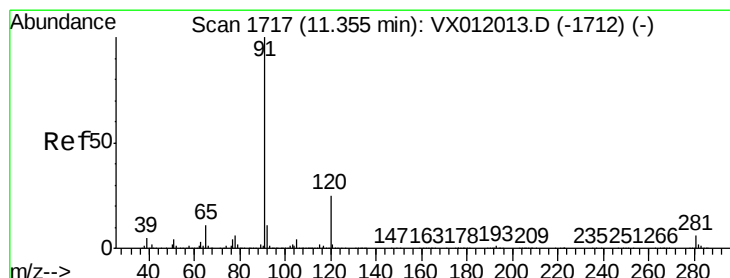
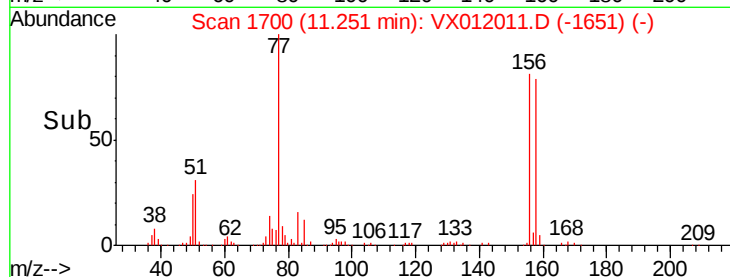
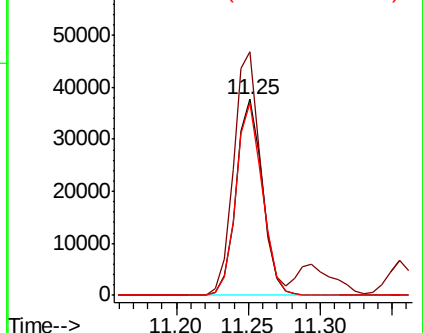
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.863 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012011.D

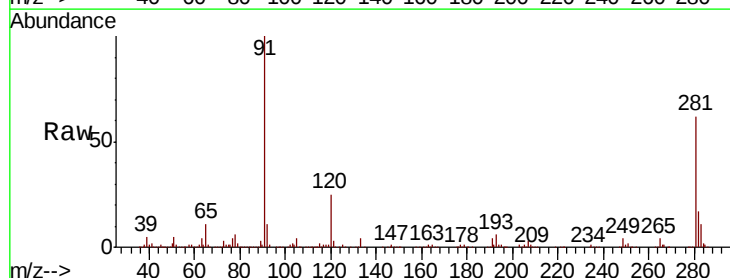
Acq: 02 Sep 2019 12:54

Tgt Ion: 91 Resp: 188192

Ion Ratio Lower Upper

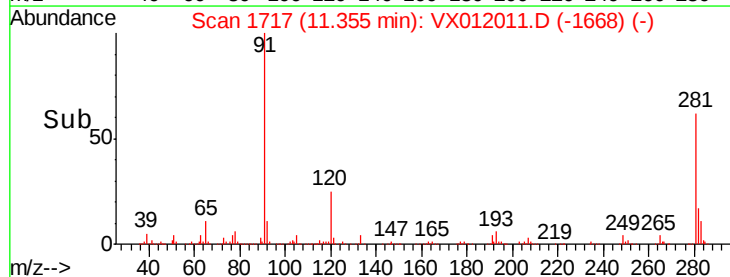
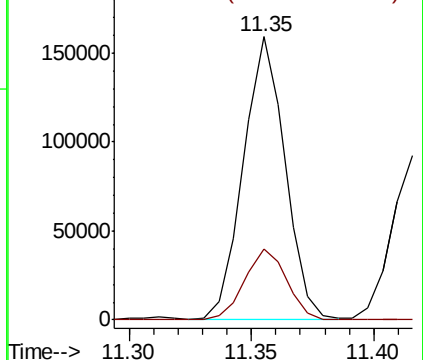
91 100

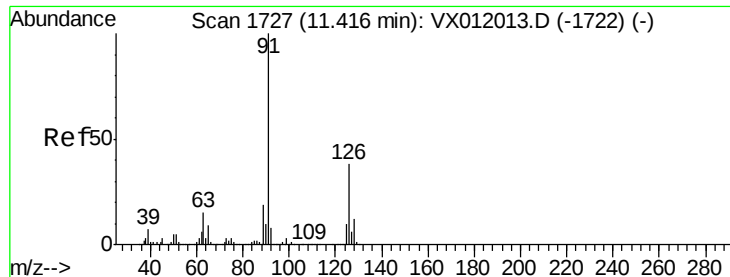
120 25.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.704 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

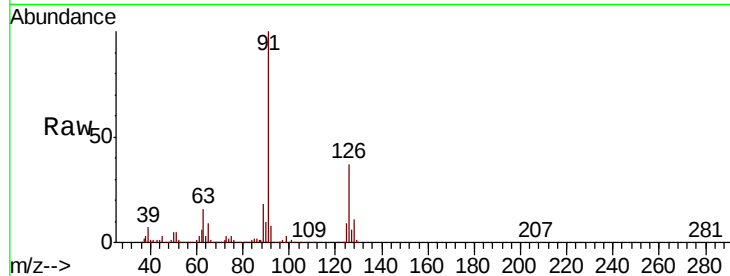
VSTDIC010

Tgt Ion: 91 Resp: 111155

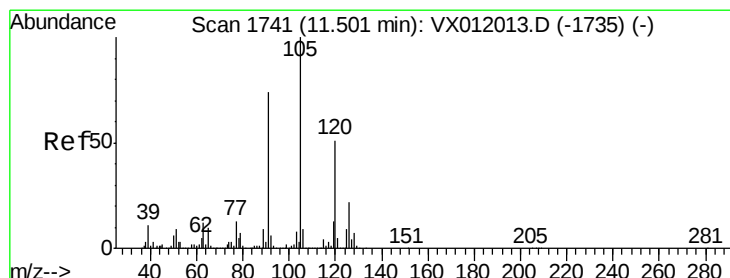
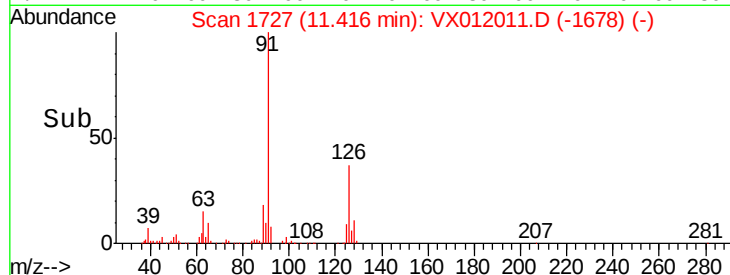
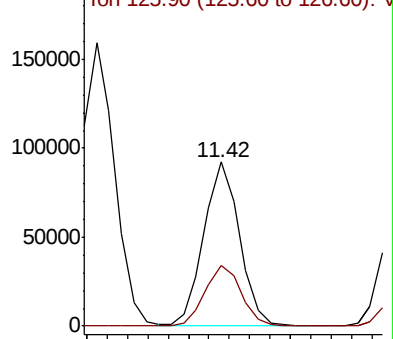
Ion Ratio Lower Upper

91 100

126 37.7 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VX012011.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 9.909 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012011.D

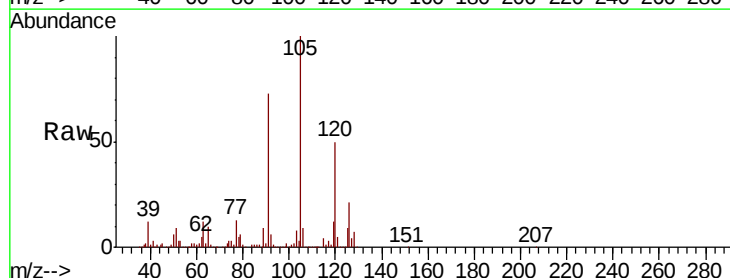
Acq: 02 Sep 2019 12:54

Tgt Ion: 105 Resp: 143802

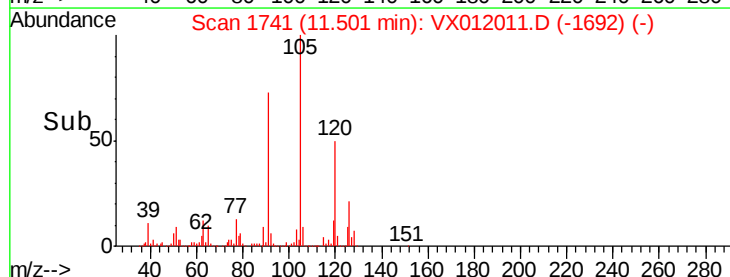
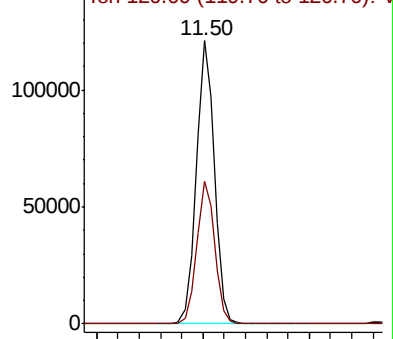
Ion Ratio Lower Upper

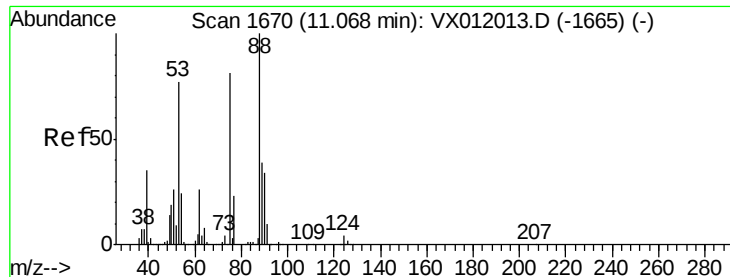
105 100

120 50.3 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): VX012011.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 8.683 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

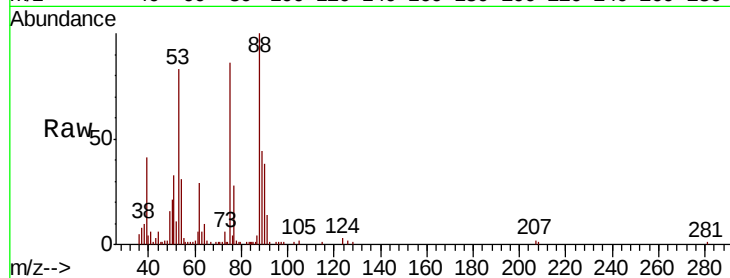
Tgt Ion: 75 Resp: 9826

Ion Ratio Lower Upper

75 100

53 99.1 78.6 117.8

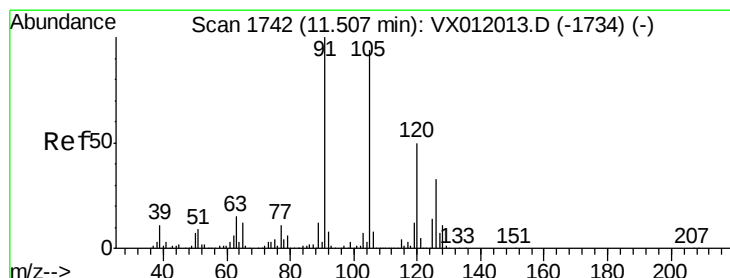
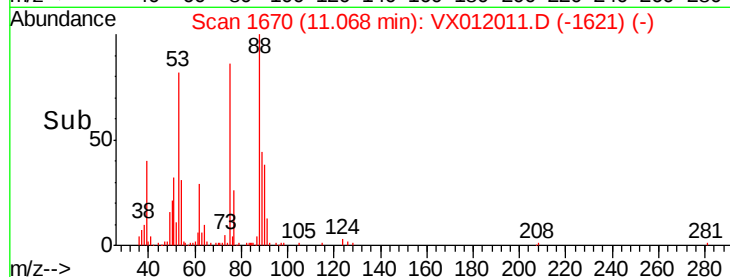
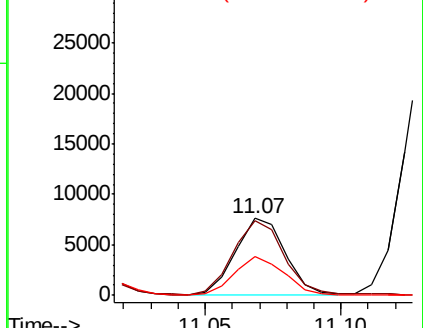
89 50.5 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 9.666 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012011.D

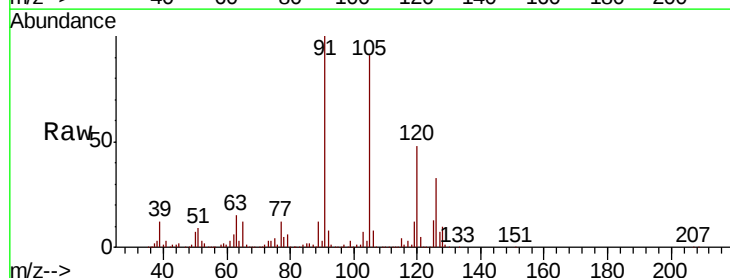
Acq: 02 Sep 2019 12:54

Tgt Ion: 91 Resp: 133422

Ion Ratio Lower Upper

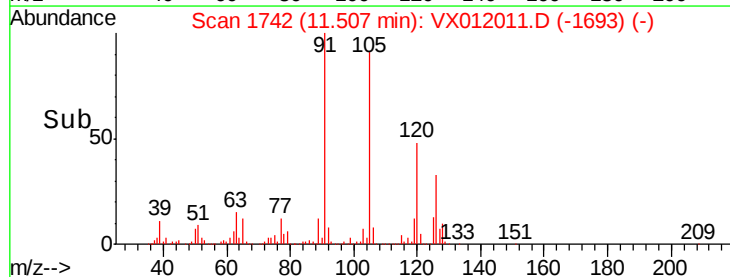
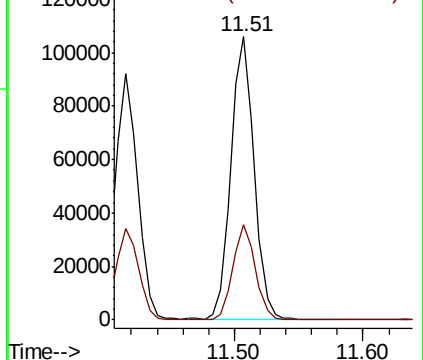
91 100

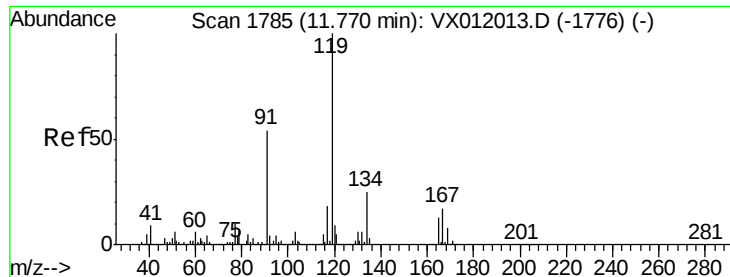
126 32.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

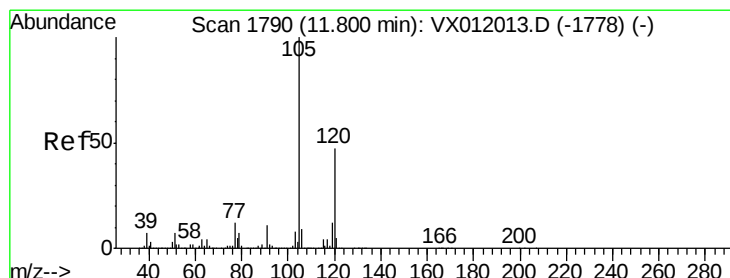
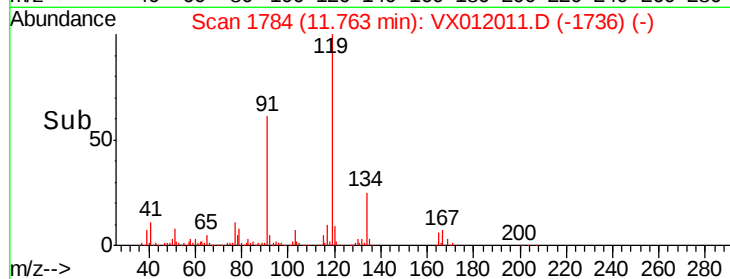
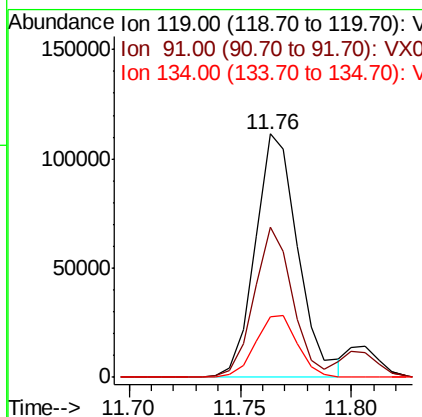
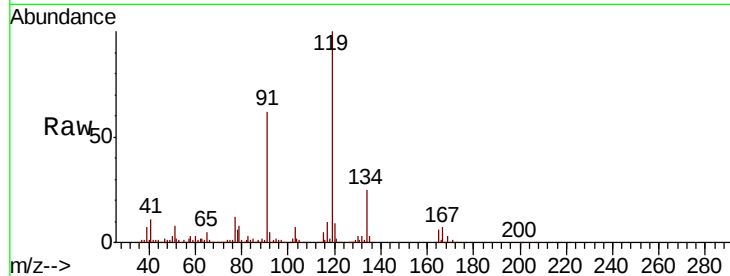




#83
 tert-Butylbenzene
 Concen: 10.055 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

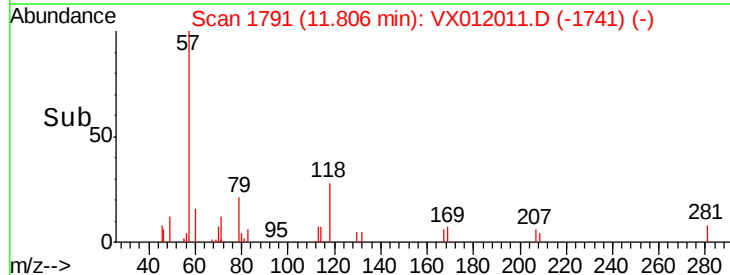
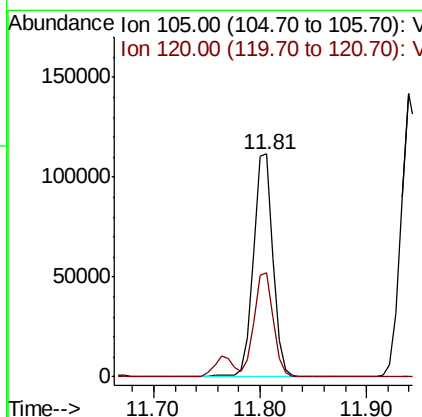
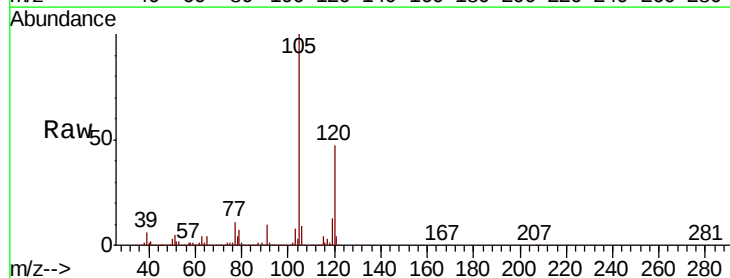
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

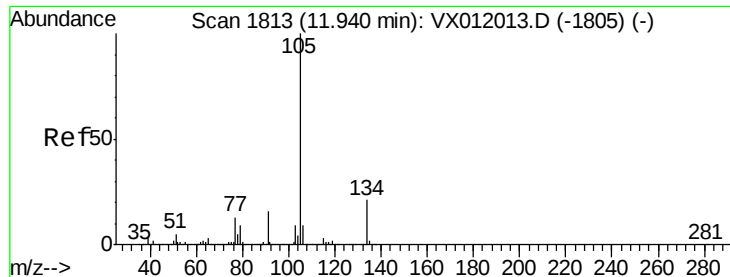
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.3	27.1	81.2
134	24.9	12.1	36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 9.707 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.6	70.8





#85

sec-Butylbenzene

Concen: 10.025 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

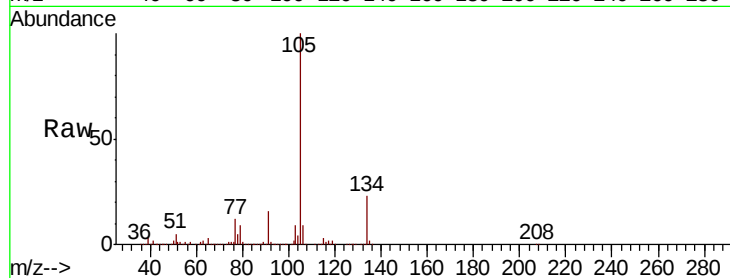
VSTDIC010

Tgt Ion:105 Resp: 171844

Ion Ratio Lower Upper

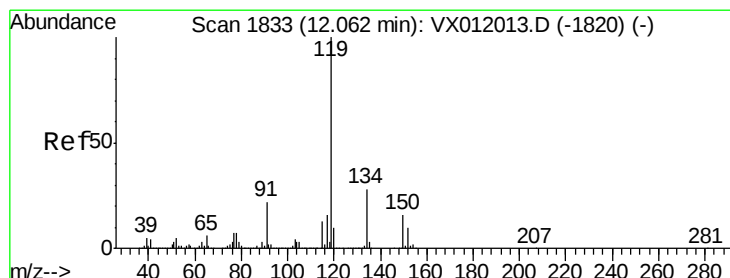
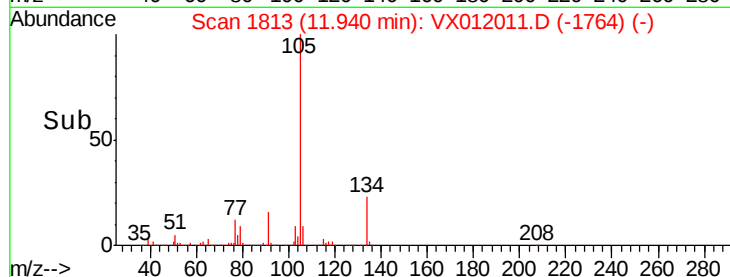
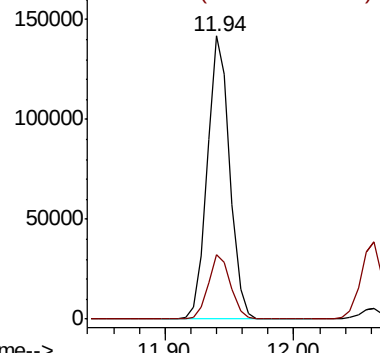
105 100

134 22.6 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 10.053 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

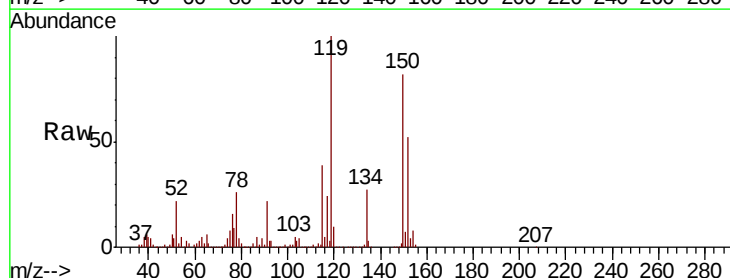
Tgt Ion:119 Resp: 167258

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

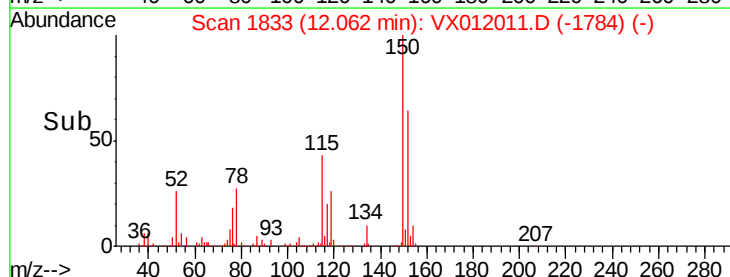
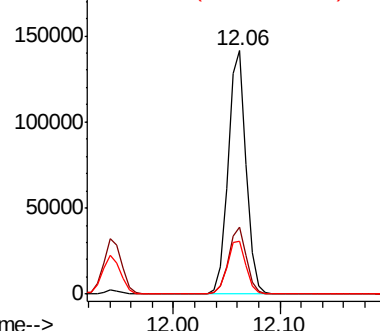
91 23.1 11.4 34.1

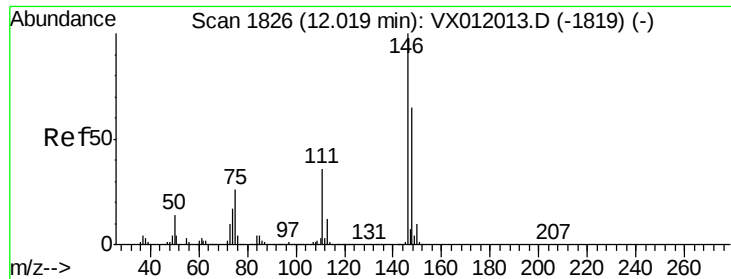


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

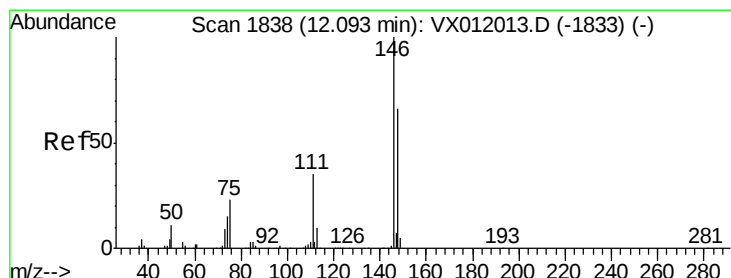
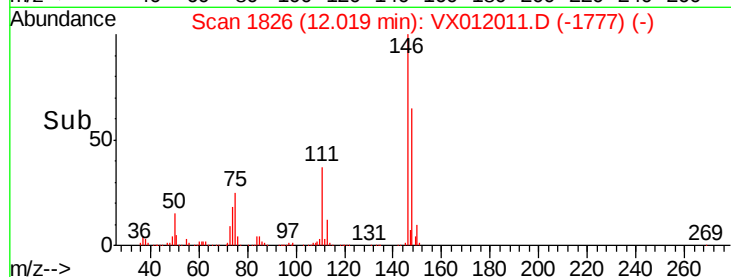
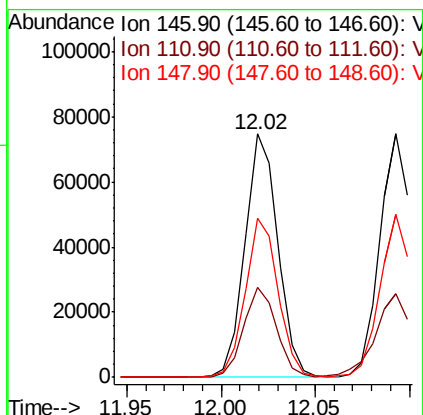
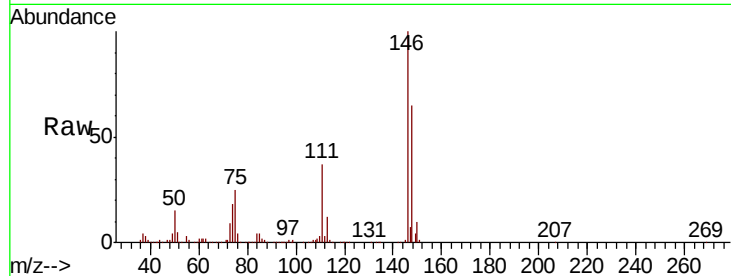




#87
 1,3-Dichlorobenzene
 Concen: 10.001 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

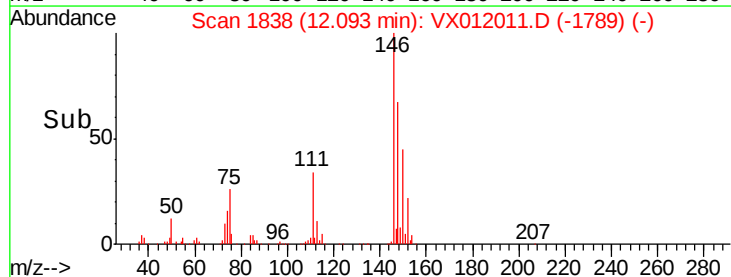
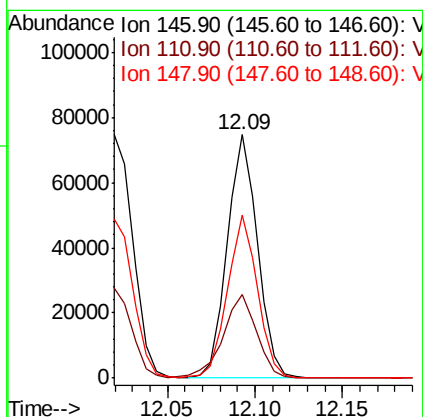
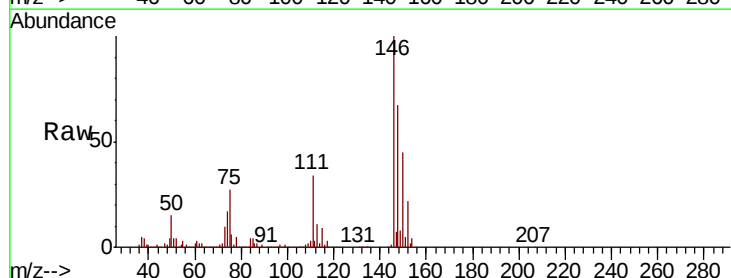
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

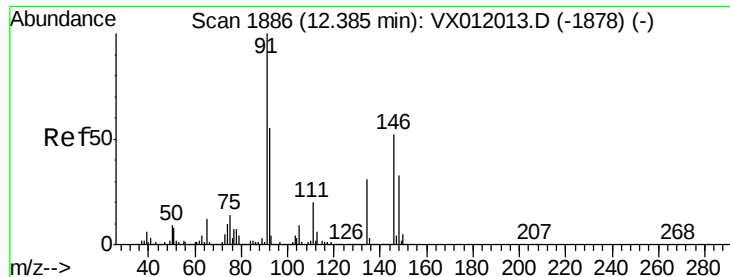
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	65.0	32.6	97.8



#88
 1,4-Dichlorobenzene
 Concen: 9.777 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	17.7	53.1
148	67.1	32.4	97.0





#89

n-Butylbenzene

Concen: 9.848 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012011.D

Acq: 02 Sep 2019 12:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

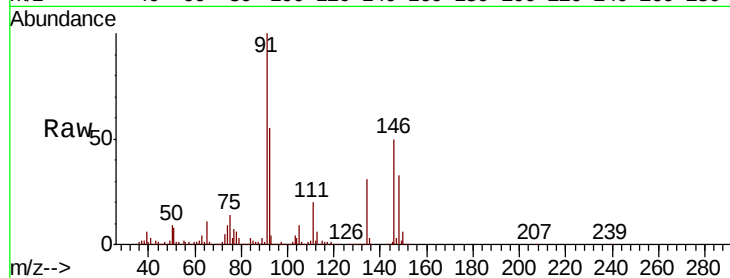
Tgt Ion: 91 Resp: 144612

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.8

134 30.6 15.4 46.1

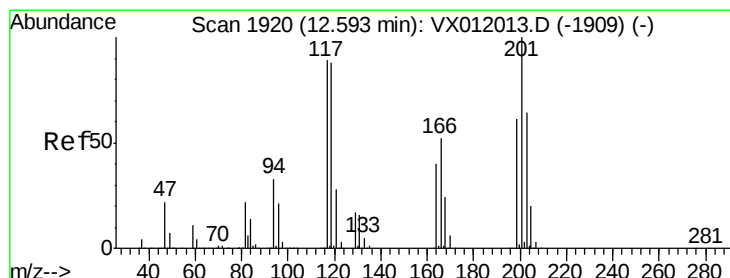
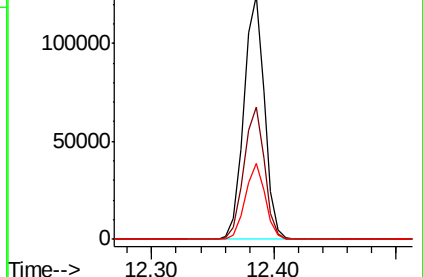
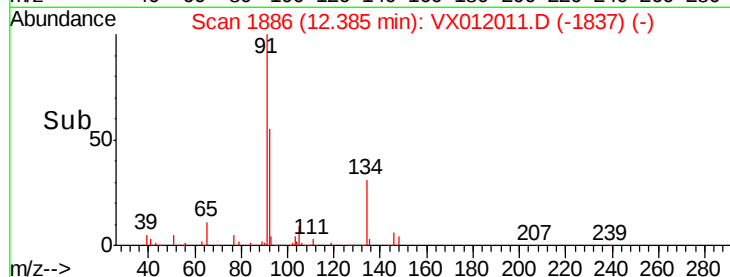


Abundance Ion 91.00 (90.70 to 91.70): VX012011.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012011.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012011.D (-1837) (-)

12.39



#90

Hexachloroethane

Concen: 9.606 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012011.D

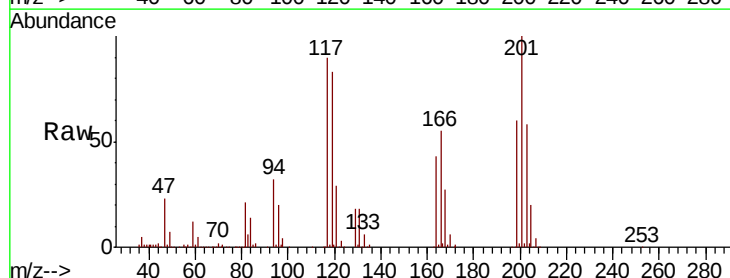
Acq: 02 Sep 2019 12:54

Tgt Ion: 117 Resp: 30892

Ion Ratio Lower Upper

117 100

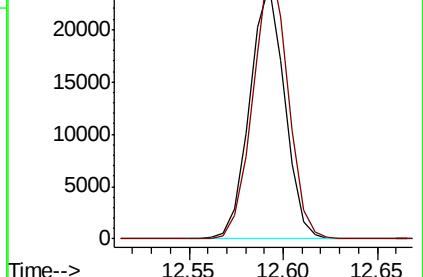
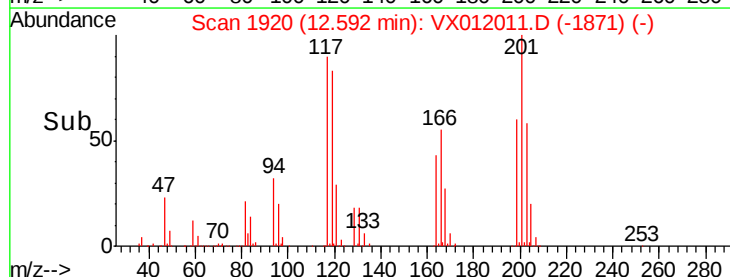
201 107.0 55.0 165.2

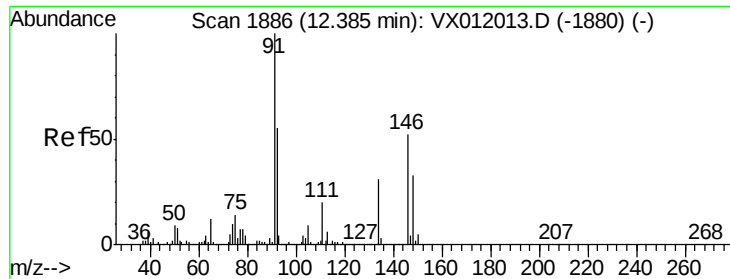


Abundance Ion 116.80 (116.50 to 117.50): VX012011.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012011.D (-1871) (-)

12.59

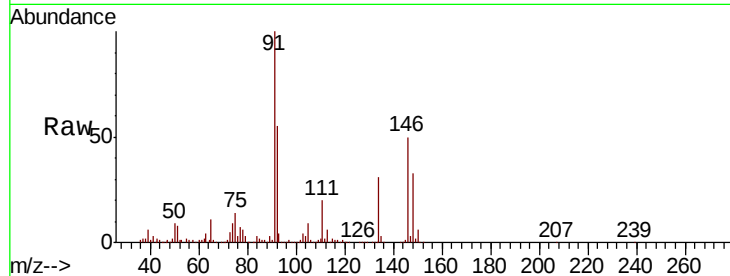




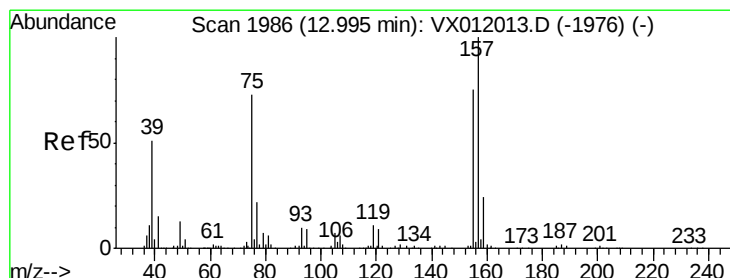
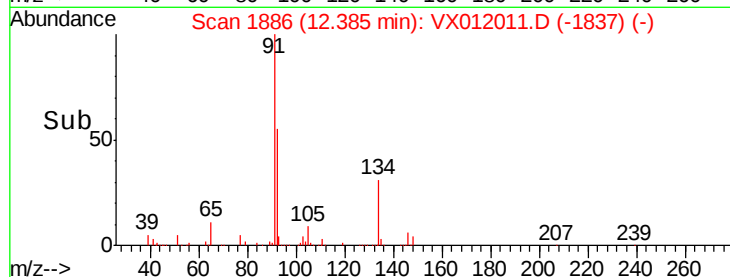
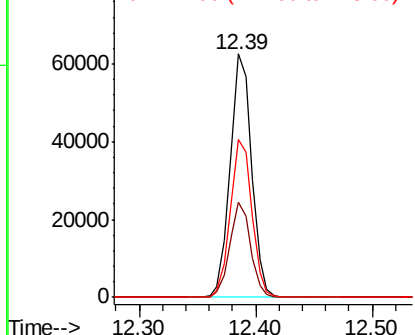
#91
 1,2-Dichlorobenzene
 Concen: 9.582 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 146 Resp: 80775
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 56.0
 148 65.3 32.4 97.2

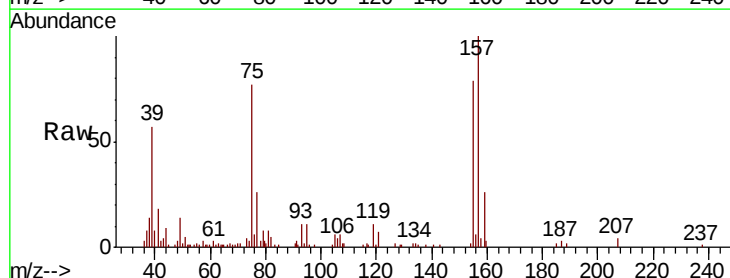


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

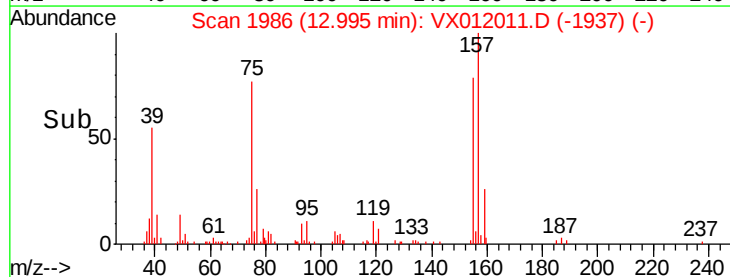
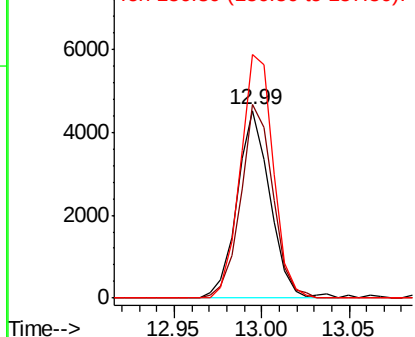


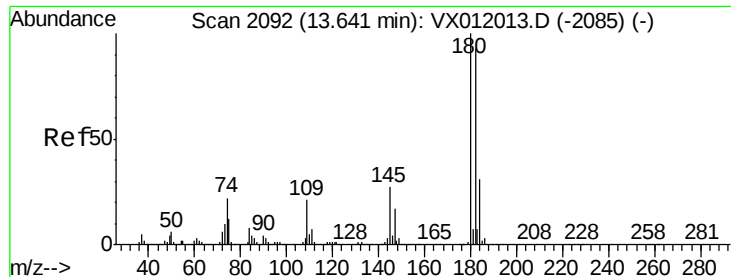
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.733 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion: 75 Resp: 5905
 Ion Ratio Lower Upper
 75 100
 155 100.9 51.7 155.2
 157 129.0 66.9 200.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

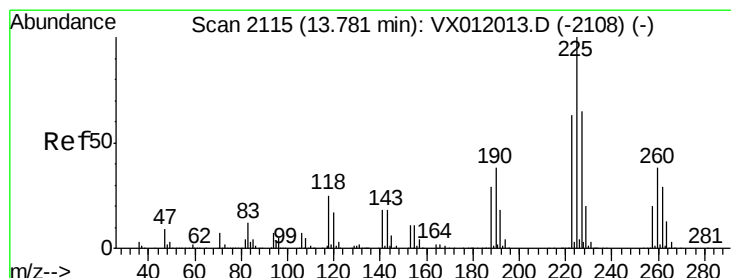
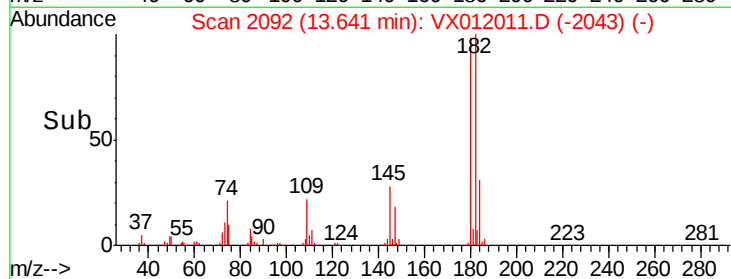
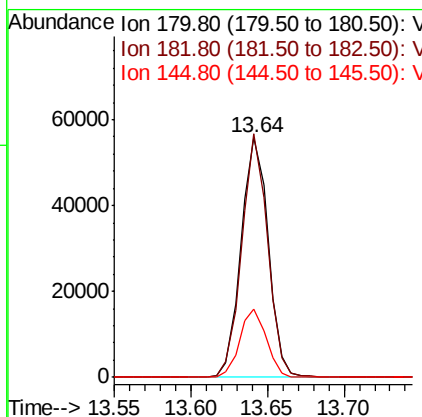
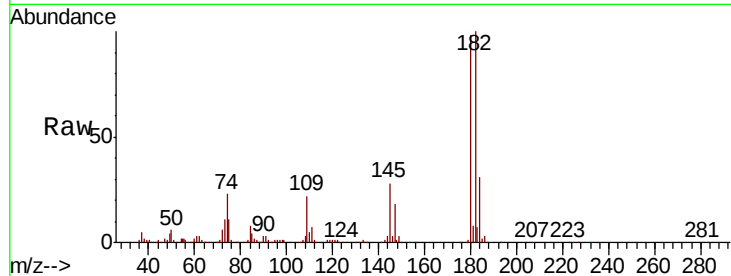




#93
 1,2,4-Trichlorobenzene
 Concen: 9.655 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

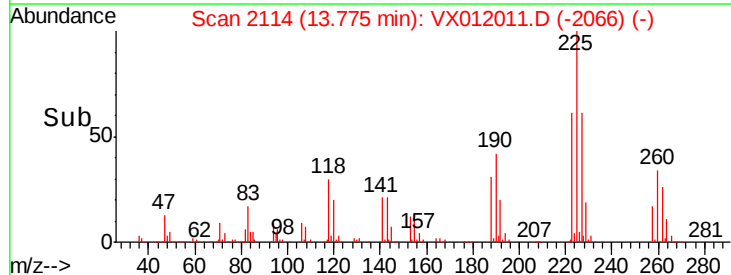
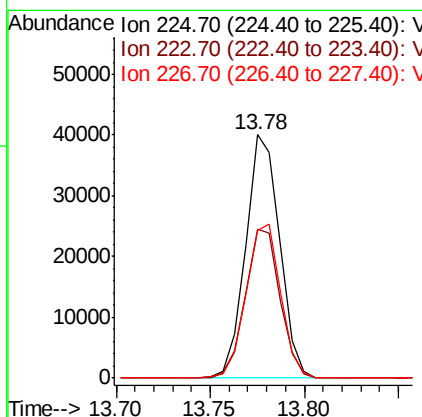
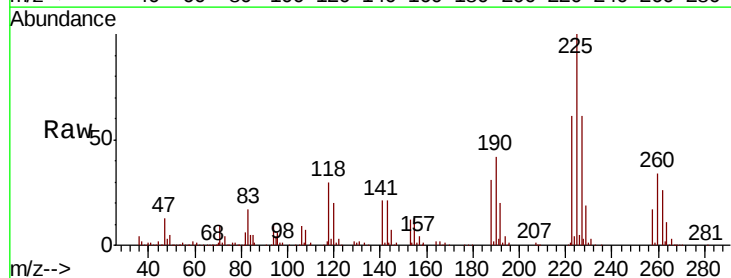
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

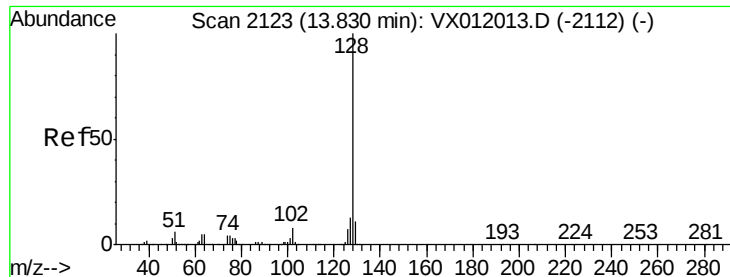
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	142.0
145	27.9	13.7	41.0



#94
 Hexachlorobutadiene
 Concen: 10.419 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012011.D
 Acq: 02 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	64.2	32.5	97.5

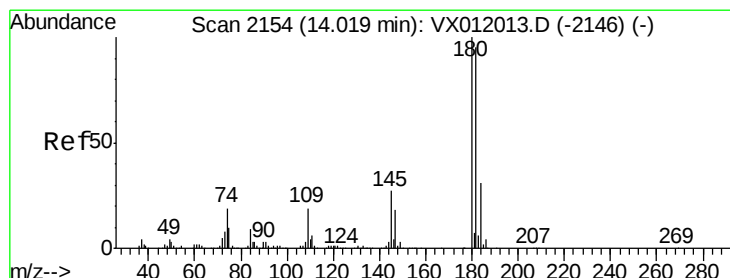
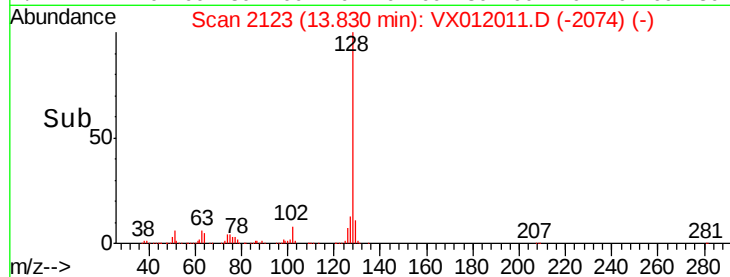
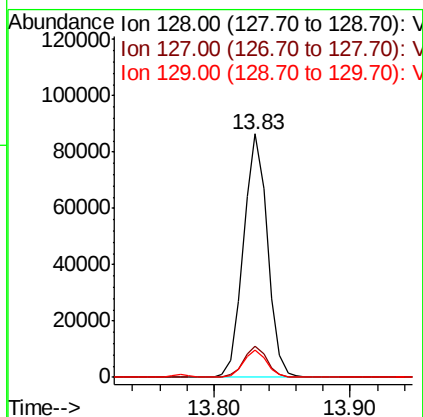
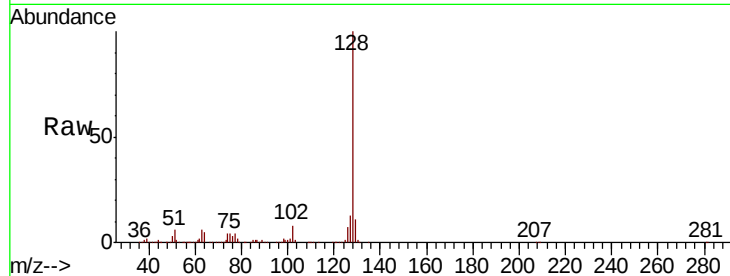




#95
Naphthalene
Concen: 8.868 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 9.543 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012011.D
Acq: 02 Sep 2019 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.6
145	29.8	14.1	42.4

