

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
 Data File : VX012012.D
 Acq On : 02 Sep 2019 13:21
 Operator : SY/SP
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 03 04:46:15 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	448932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	578099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	529350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306776	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	72861	17.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	34.18%	
35) Dibromofluoromethane	5.48	113	75235	20.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	40.30%	
50) Toluene-d8	8.71	98	240944	18.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	36.10%	
62) 4-Bromofluorobenzene	11.14	95	116870	20.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	40.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	52731	19.324	ug/l	97
3) Chloromethane	1.31	50	47994	15.615	ug/l	100
4) Vinyl Chloride	1.39	62	49792	16.786	ug/l	100
5) Bromomethane	1.62	94	34268	16.638	ug/l	98
6) Chloroethane	1.70	64	30974	16.802	ug/l	99
7) Trichlorofluoromethane	1.91	101	94368	18.220	ug/l	99
8) Diethyl Ether	2.17	74	27987	15.978	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61923	18.379	ug/l	98
10) Methyl Iodide	2.50	142	51354	16.360	ug/l	99
11) Tert butyl alcohol	3.03	59	31170	77.897	ug/l	99
12) 1,1-Dichloroethene	2.36	96	53853	17.270	ug/l	97
13) Acrolein	2.28	56	14885	77.039	ug/l	98
14) Allyl chloride	2.71	41	90497	15.751	ug/l	100
15) Acrylonitrile	3.13	53	73444	77.537	ug/l	99
16) Acetone	2.43	43	69684	77.041	ug/l	100
17) Carbon Disulfide	2.55	76	134711	15.022	ug/l	100
18) Methyl Acetate	2.76	43	36472	14.758	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	163895	16.473	ug/l	99
20) Methylene Chloride	2.84	84	63769	14.246	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	62213	16.975	ug/l	98
22) Diisopropyl ether	3.84	45	188862	16.153	ug/l	97
23) Vinyl Acetate	3.79	43	596934	79.530	ug/l	100
24) 1,1-Dichloroethane	3.68	63	108902	16.767	ug/l	99
25) 2-Butanone	4.66	43	99869	76.816	ug/l	99
26) 2,2-Dichloropropane	4.56	77	102566	18.533	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	72571	16.903	ug/l	97
28) Bromochloromethane	5.00	49	44325	15.482	ug/l	99
29) Tetrahydrofuran	5.11	42	62612	77.194	ug/l	99
30) Chloroform	5.19	83	119714	17.175	ug/l	98
31) Cyclohexane	5.56	56	90645	17.074	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	111663	17.868	ug/l	99
36) 1,1-Dichloropropene	5.78	75	84106	18.380	ug/l	100
37) Ethyl Acetate	4.82	43	42840	16.249	ug/l	99
38) Carbon Tetrachloride	5.77	117	102350	19.144	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	103391	18.858	ug/l	98
40) Benzene	6.13	78	240282	17.765	ug/l	98
41) Methacrylonitrile	5.03	41	26499	17.006	ug/l	94
42) 1,2-Dichloroethane	6.18	62	81343	17.714	ug/l	99
43) Isopropyl Acetate	6.43	43	89042	16.620	ug/l	99
44) Trichloroethene	7.20	130	79159	18.662	ug/l	97
45) 1,2-Dichloropropane	7.51	63	62760	17.839	ug/l	97
46) Dibromomethane	7.65	93	36147	17.235	ug/l	98
47) Bromodichloromethane	7.89	83	92028	17.724	ug/l	98
48) Methyl methacrylate	7.76	41	42978	16.487	ug/l	99
49) 1,4-Dioxane	7.73	88	12177	341.535	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	225203	82.902	ug/l	99
52) Toluene	8.78	92	163652	18.211	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	93973	17.675	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	105454	17.671	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	54279	17.689	ug/l	98
56) Ethyl methacrylate	9.17	69	70172	16.595	ug/l	98
57) 1,3-Dichloropropane	9.37	76	89440	17.597	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	156836	79.121	ug/l	99
59) 2-Hexanone	9.48	43	157721	81.675	ug/l	99
60) Dibromochloromethane	9.57	129	75090	18.175	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52995	17.418	ug/l	99
64) Tetrachloroethene	9.33	164	82407	19.280	ug/l	99
65) Chlorobenzene	10.14	112	191886	18.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	78856	19.145	ug/l	99
67) Ethyl Benzene	10.25	91	325118	18.750	ug/l	100
68) m/p-Xylenes	10.35	106	252790	37.702	ug/l	99
69) o-Xylene	10.70	106	122560	18.784	ug/l	99
70) Styrene	10.71	104	211442	18.465	ug/l	100
71) Bromoform	10.85	173	53498	18.374	ug/l	97
73) Isopropylbenzene	11.01	105	341106	19.380	ug/l	100
74) N-amyl acetate	10.89	43	86128	16.871	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	62647	17.695	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68245	23.500	ug/l	78
77) Bromobenzene	11.25	156	98070	19.206	ug/l	99
78) n-propylbenzene	11.35	91	381964	19.206	ug/l	100
79) 2-Chlorotoluene	11.42	91	223481	18.719	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	286506	18.942	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20326	17.234	ug/l	99
82) 4-Chlorotoluene	11.51	91	268923	18.693	ug/l	100
83) tert-Butylbenzene	11.77	119	300385	19.464	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	290803	18.759	ug/l	99
85) sec-Butylbenzene	11.94	105	348830	19.526	ug/l	100
86) p-Isopropyltoluene	12.06	119	333020	19.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181463	19.180	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	179091	18.735	ug/l	98
89) n-Butylbenzene	12.38	91	290286	18.968	ug/l	99
90) Hexachloroethane	12.59	117	62578	18.671	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	165087	18.790	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11815	16.765	ug/l	97

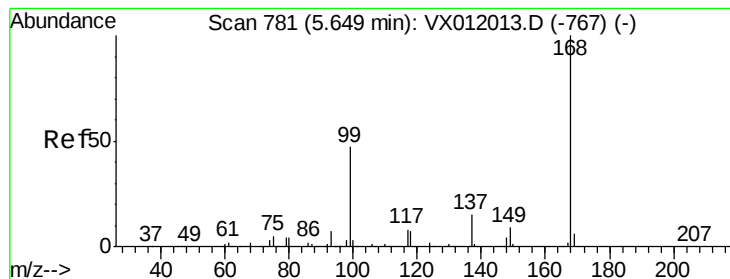
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
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Acq On : 02 Sep 2019 13:21
Operator : SY/SP
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136190	18.348	ug/l	99
94) Hexachlorobutadiene	13.77	225	99526	19.887	ug/l	98
95) Naphthalene	13.83	128	209412	16.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	118166	17.664	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

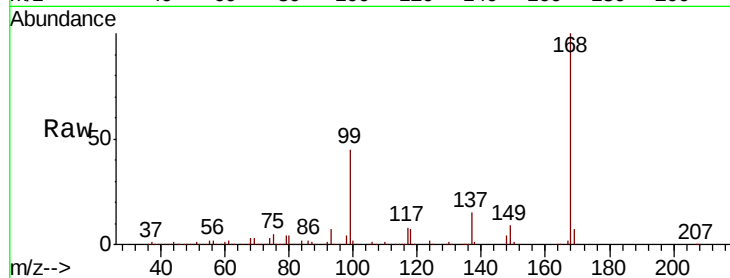
VSTDIC020

Tgt Ion:168 Resp: 448932

Ion Ratio Lower Upper

168 100

99 45.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

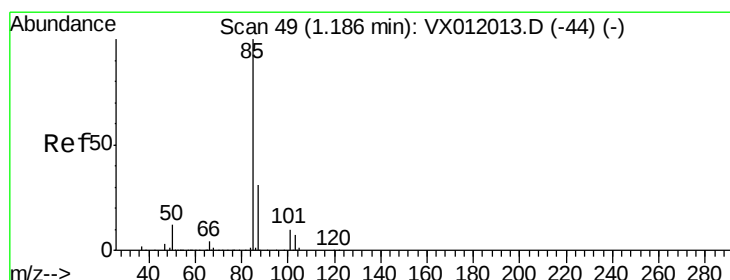
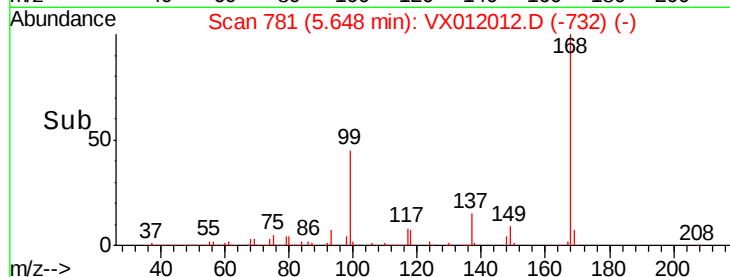
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.324 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012012.D

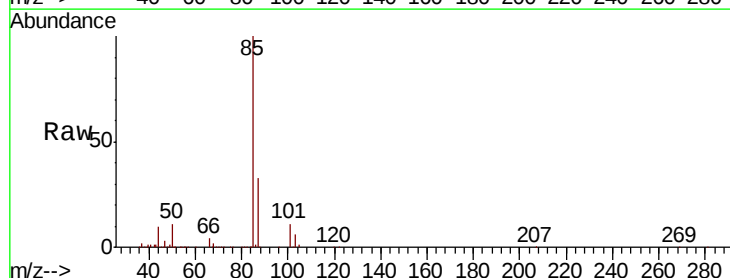
Acq: 02 Sep 2019 13:21

Tgt Ion: 85 Resp: 52731

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

30000

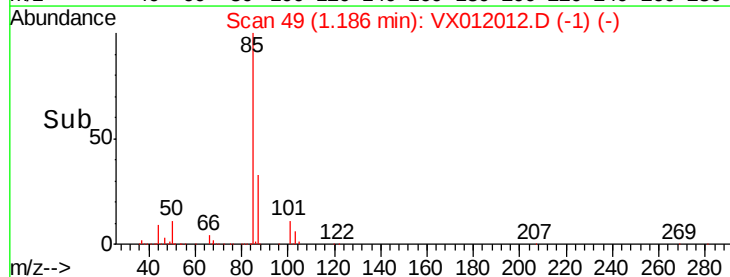
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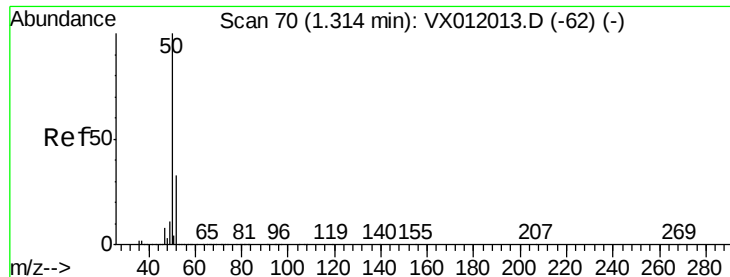
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Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.615 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

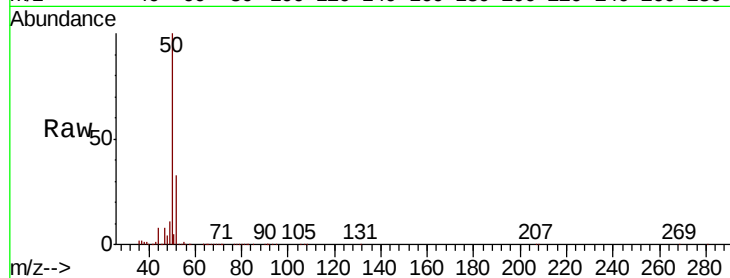
VSTDIC020

Tgt Ion: 50 Resp: 47994

Ion Ratio Lower Upper

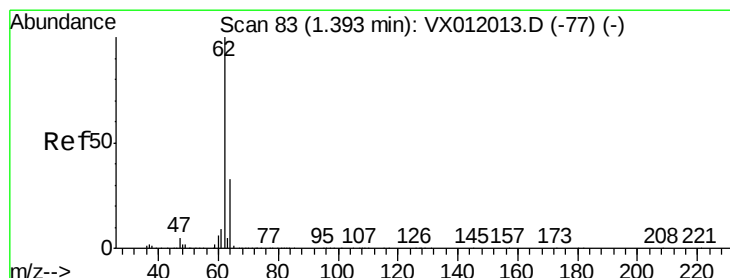
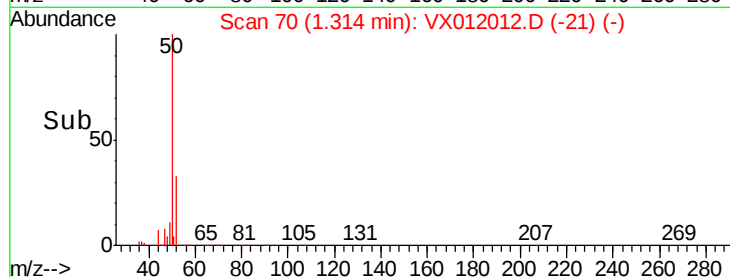
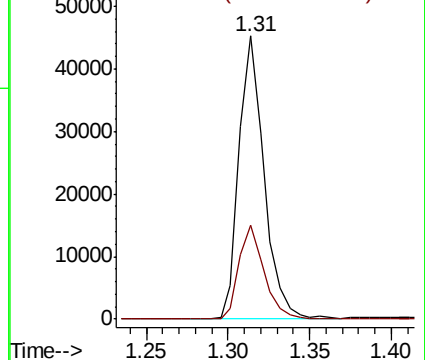
50 100

52 33.3 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: 16.786 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012012.D

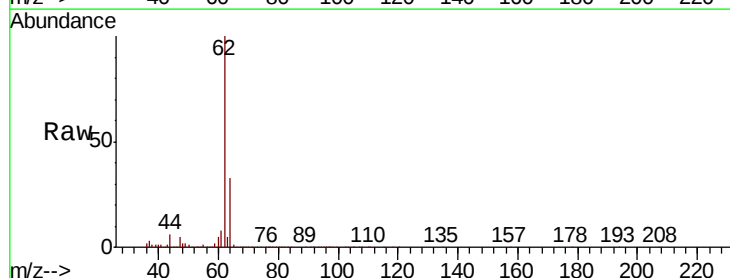
Acq: 02 Sep 2019 13:21

Tgt Ion: 62 Resp: 49792

Ion Ratio Lower Upper

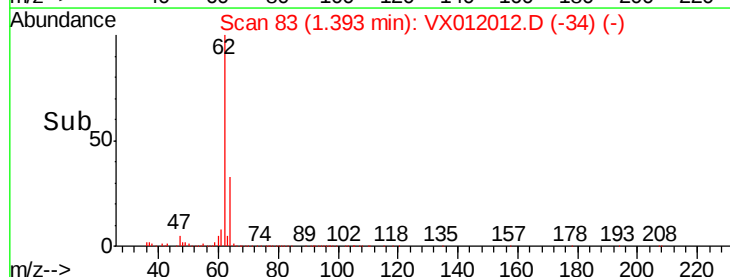
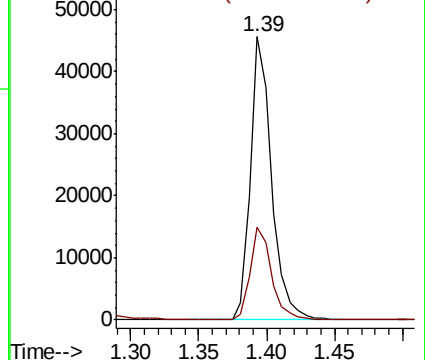
62 100

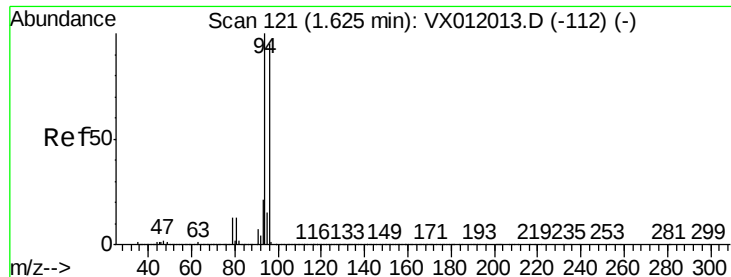
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.638 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

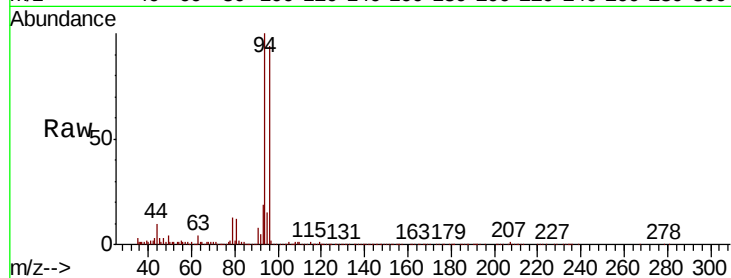
VSTDIC020

Tgt Ion: 94 Resp: 34268

Ion Ratio Lower Upper

94 100

96 93.6 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

40000

30000

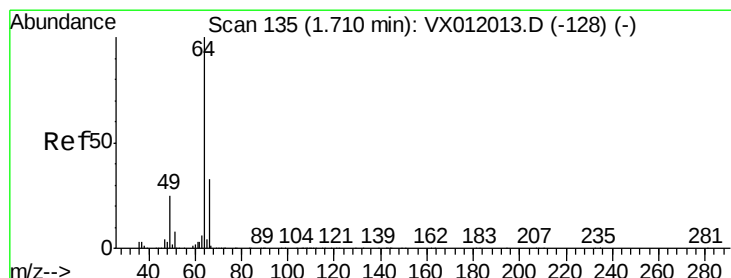
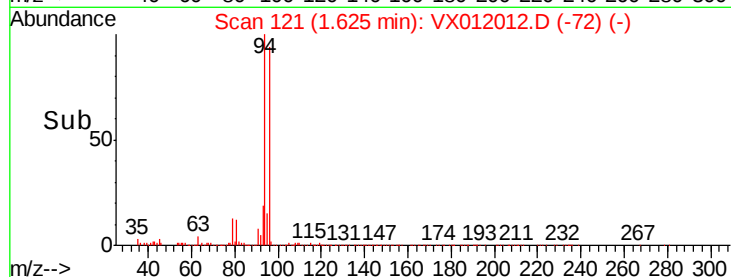
20000

10000

0

Time-->

1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 16.802 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012012.D

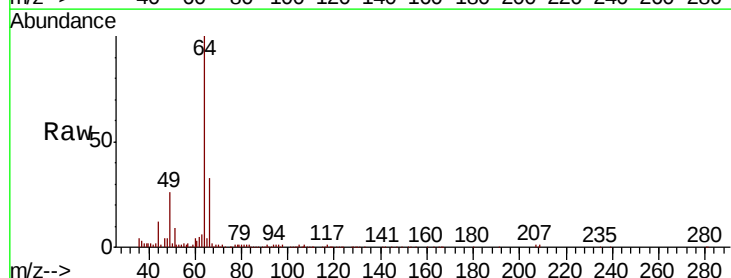
Acq: 02 Sep 2019 13:21

Tgt Ion: 64 Resp: 30974

Ion Ratio Lower Upper

64 100

66 32.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

25000

20000

15000

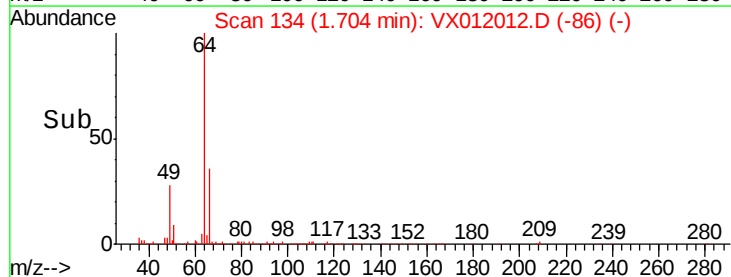
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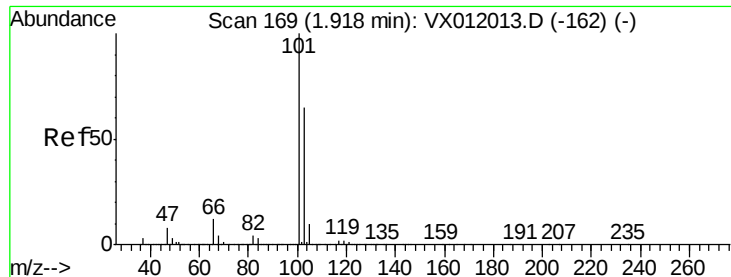
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Time-->

1.60 1.65 1.70 1.75 1.80



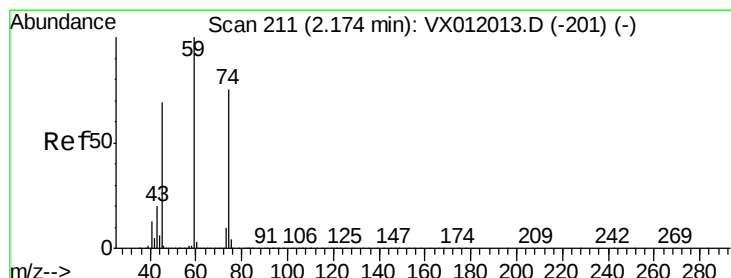
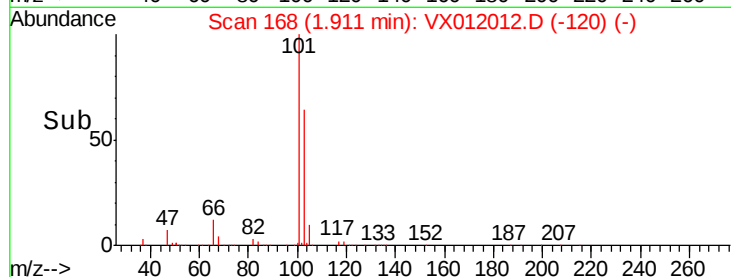
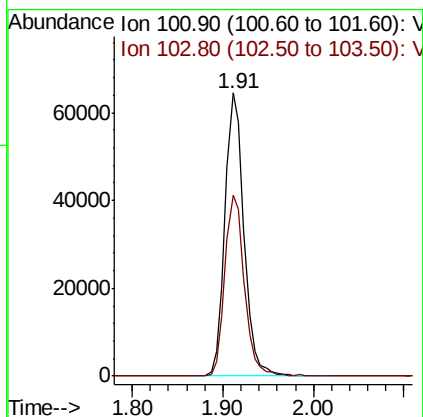
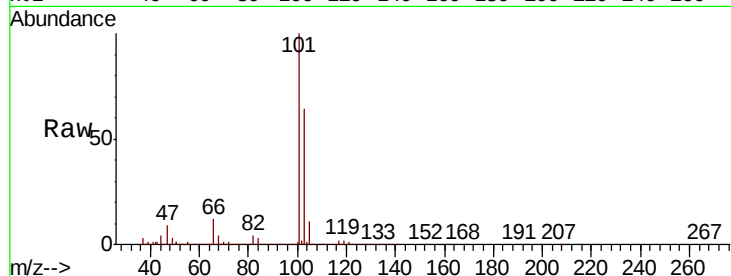


#7

Trichlorofluoromethane
 Concen: 18.220 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Instrument :
 MSVOA_X
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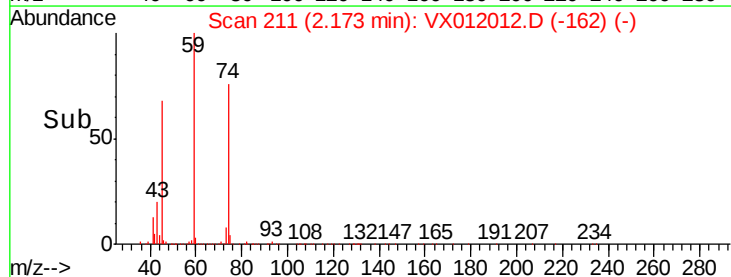
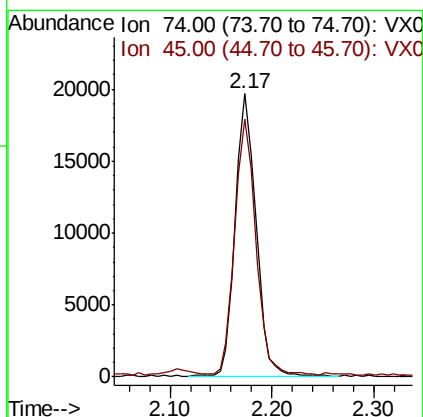
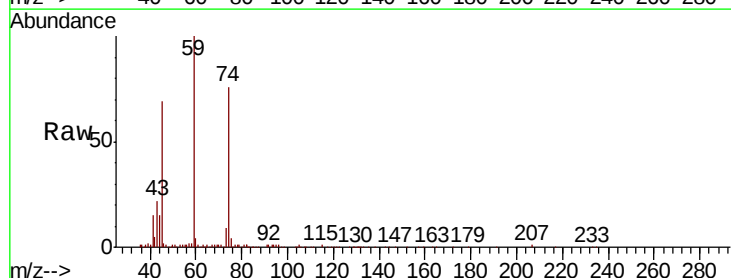
Tgt Ion:101 Resp: 94368
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.6 77.4

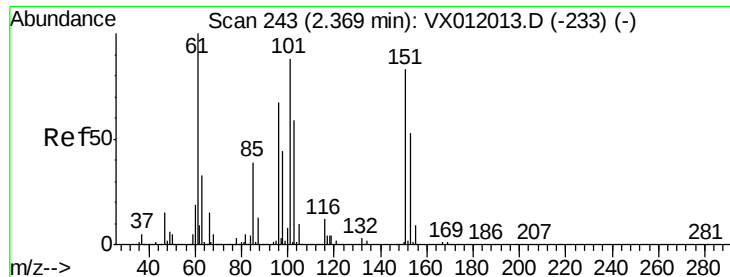


#8

Diethyl Ether
 Concen: 15.978 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion: 74 Resp: 27987
 Ion Ratio Lower Upper
 74 100
 45 90.4 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.379 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

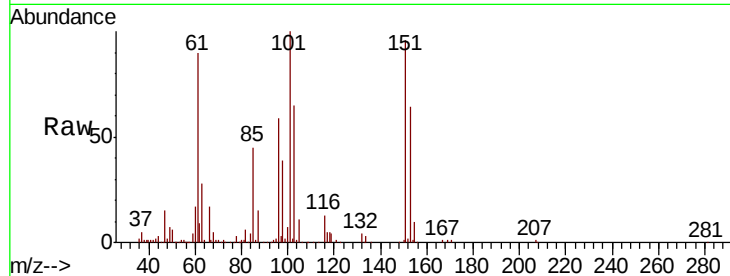
Tgt Ion:101 Resp: 61923

Ion Ratio Lower Upper

101 100

85 43.7 34.5 51.7

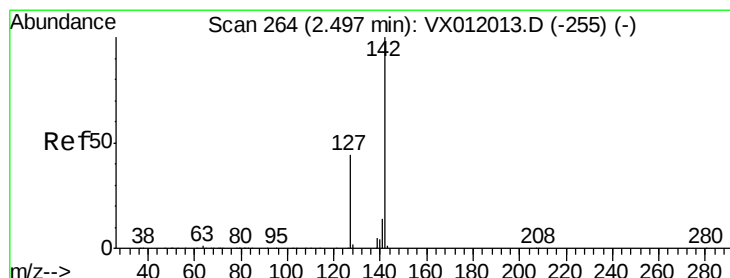
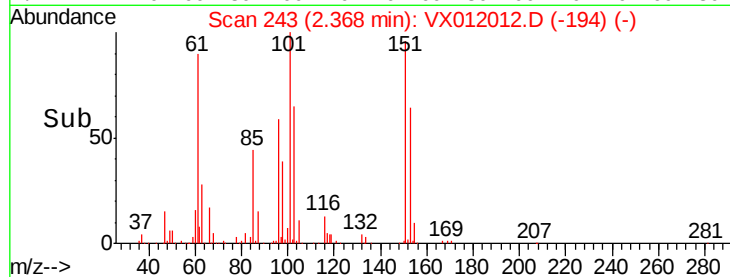
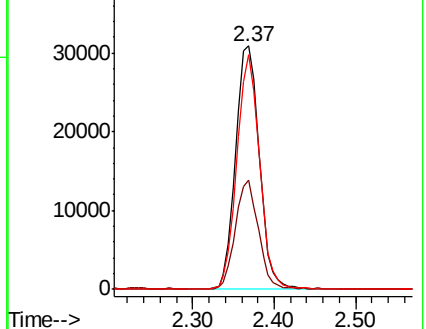
151 91.8 75.0 112.4



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: 16.360 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

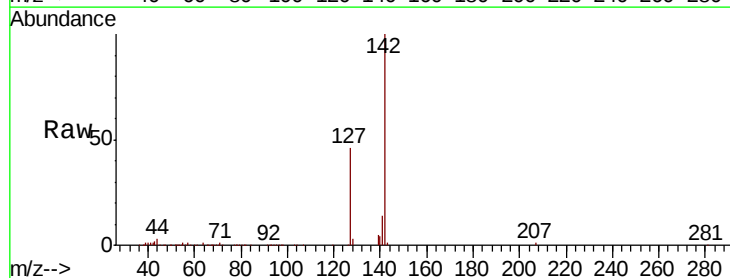
Tgt Ion:142 Resp: 51354

Ion Ratio Lower Upper

142 100

127 44.0 35.4 53.2

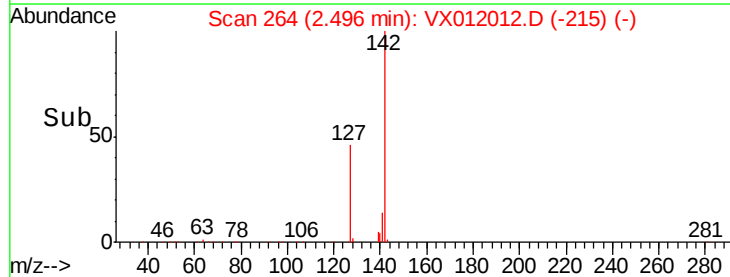
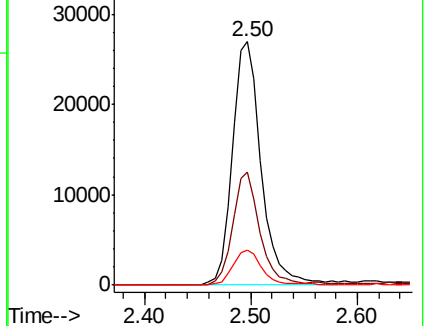
141 14.7 11.4 17.2

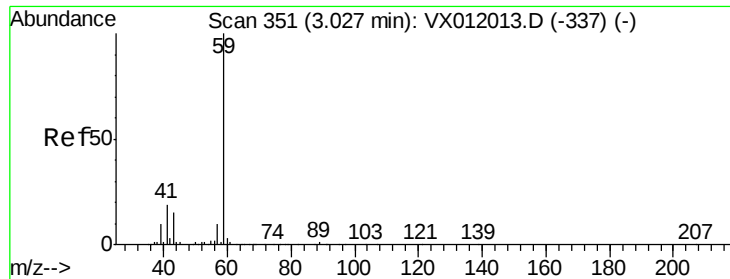


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

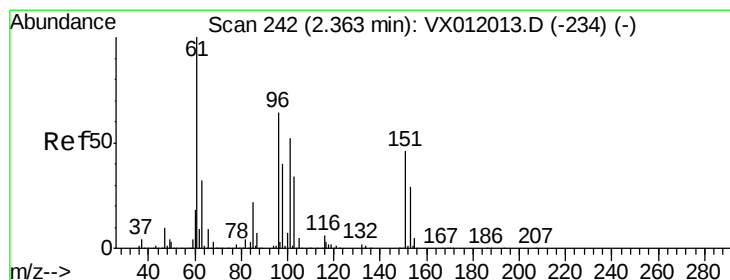
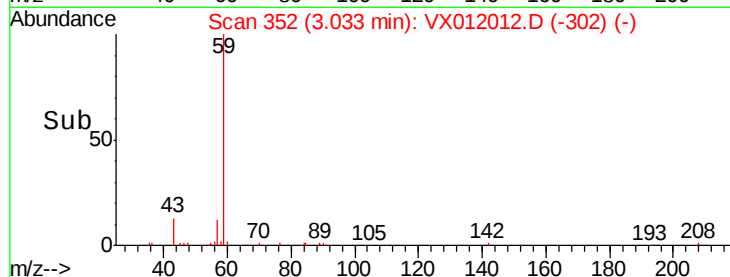
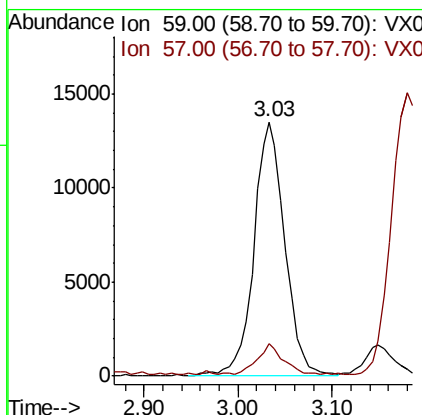
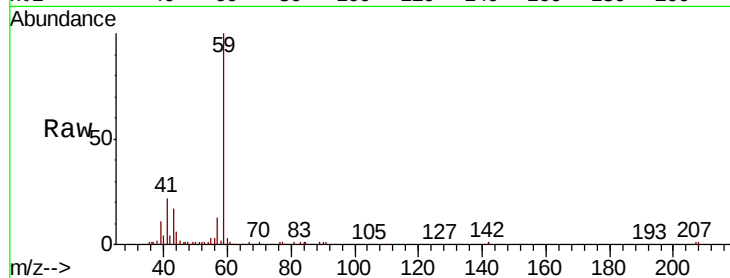




#11
Tert butyl alcohol
Concen: 77.897 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

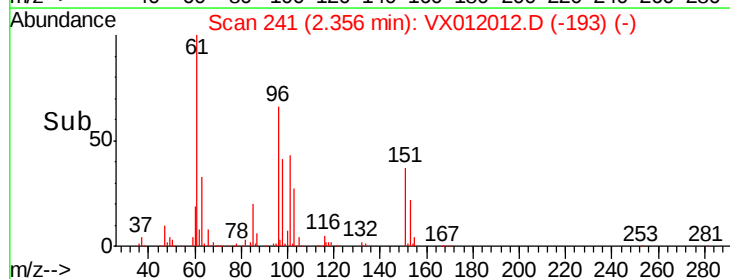
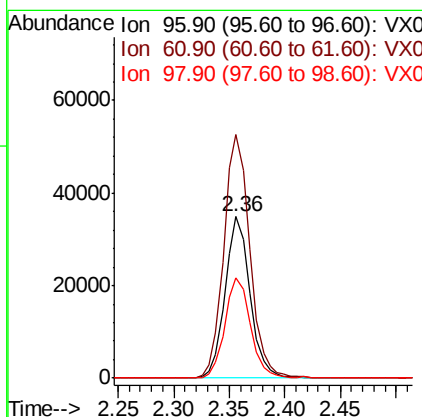
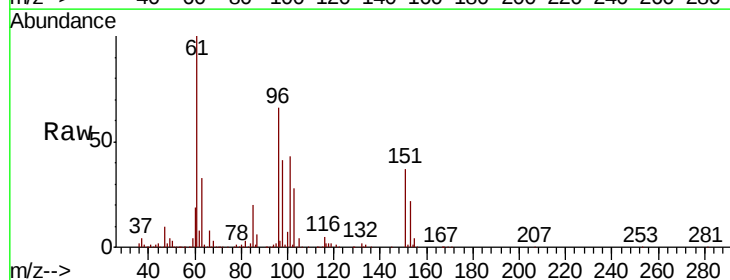
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

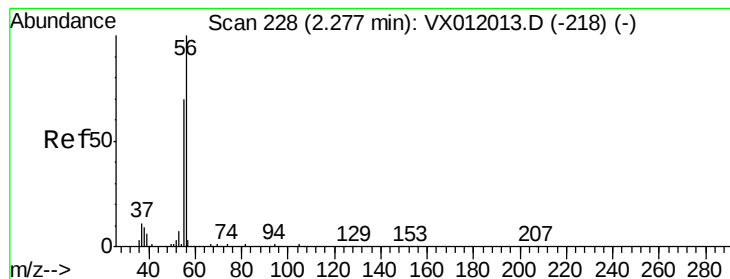
Tgt Ion: 59 Resp: 31170
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9



#12
1,1-Dichloroethene
Concen: 17.270 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 96 Resp: 53853
Ion Ratio Lower Upper
96 100
61 151.0 124.1 186.1
98 61.9 50.2 75.2





#13

Acrolein

Concen: 77.039 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

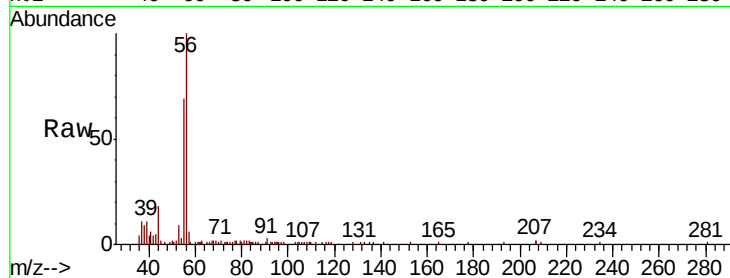
VSTDIC020

Tgt Ion: 56 Resp: 14885

Ion Ratio Lower Upper

56 100

55 72.3 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

10000

8000

6000

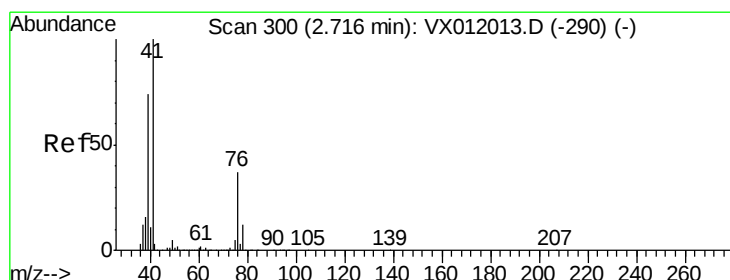
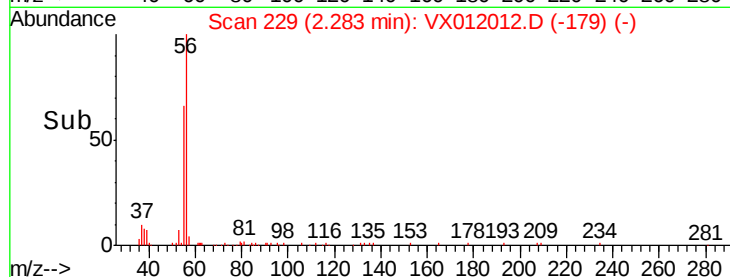
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 15.751 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

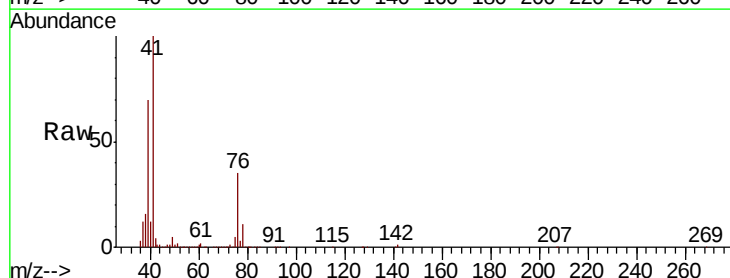
Tgt Ion: 41 Resp: 90497

Ion Ratio Lower Upper

41 100

39 72.9 57.9 86.9

76 35.6 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

2.71

60000

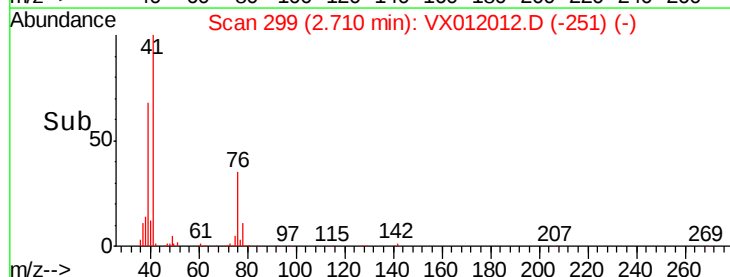
40000

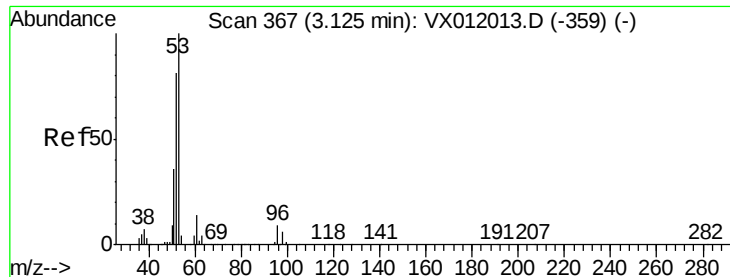
20000

0

Time-->

2.60 2.70 2.80

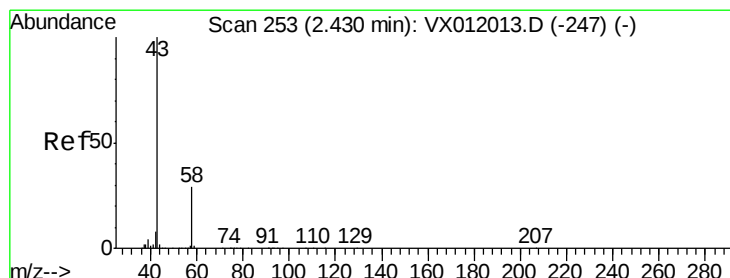
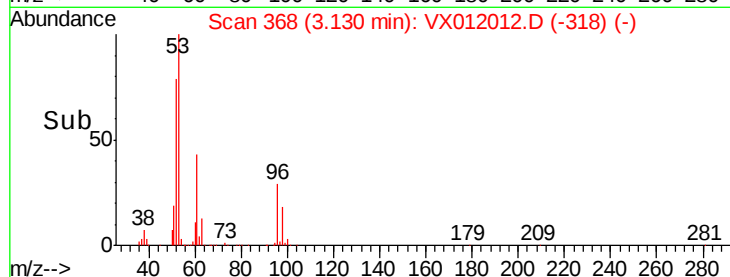
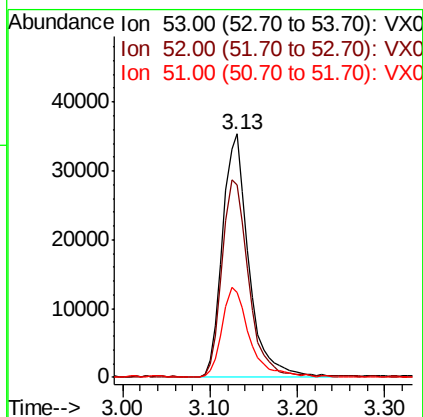
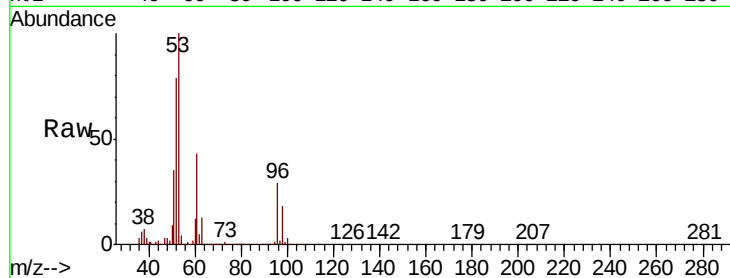




#15
Acrylonitrile
Concen: 77.537 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.01 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

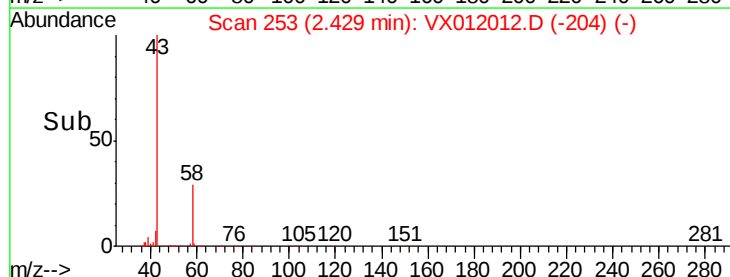
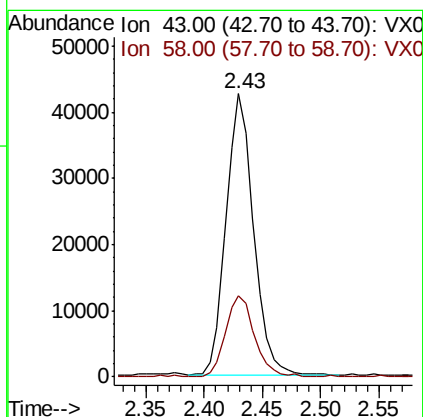
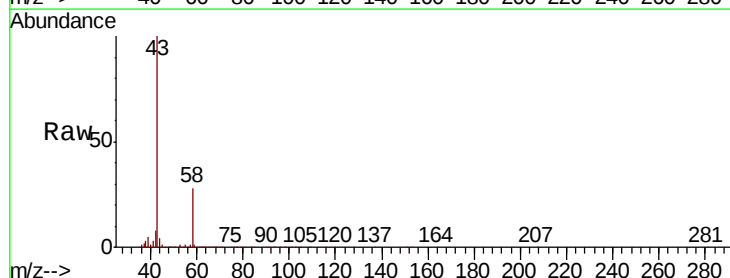
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

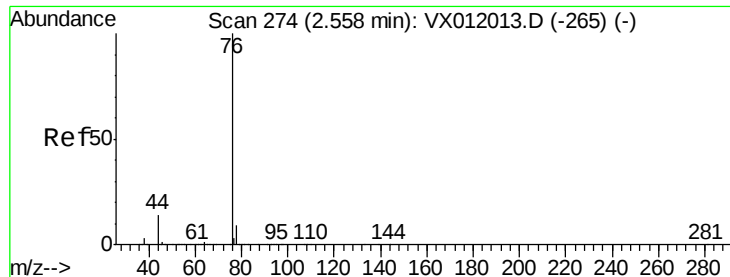
Tgt Ion: 53 Resp: 73444
Ion Ratio Lower Upper
53 100
52 82.7 65.6 98.4
51 38.1 29.8 44.6



#16
Acetone
Concen: 77.041 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 43 Resp: 69684
Ion Ratio Lower Upper
43 100
58 28.4 22.8 34.2

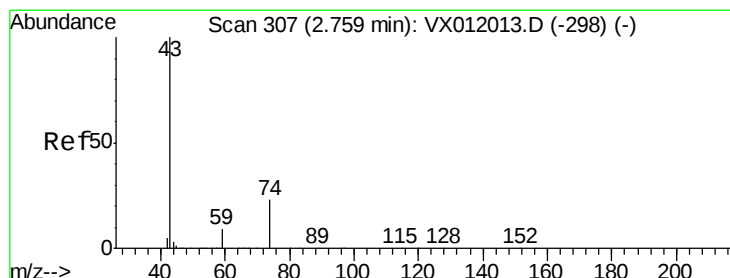
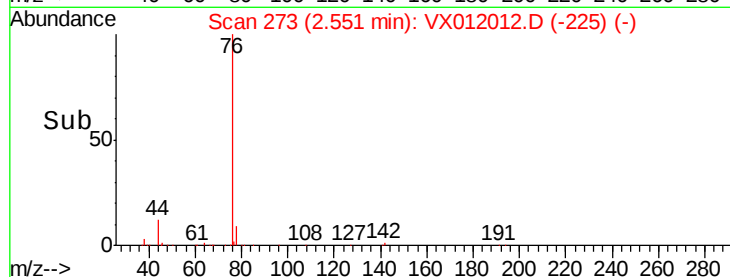
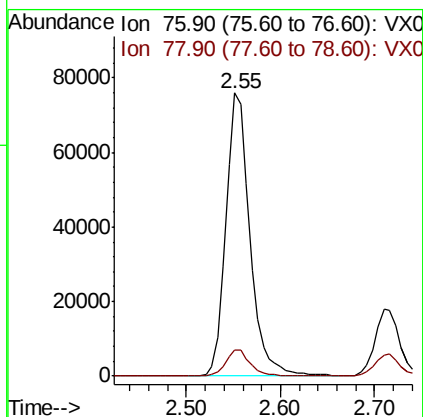
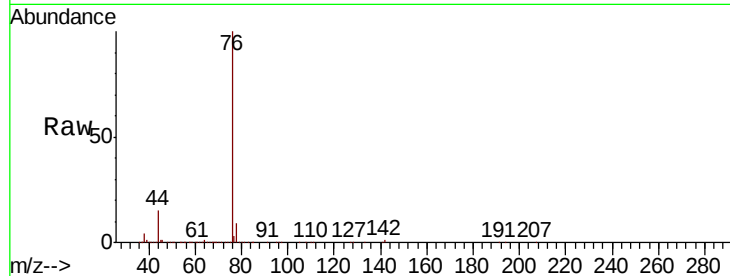




#17
Carbon Disulfide
Concen: 15.022 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

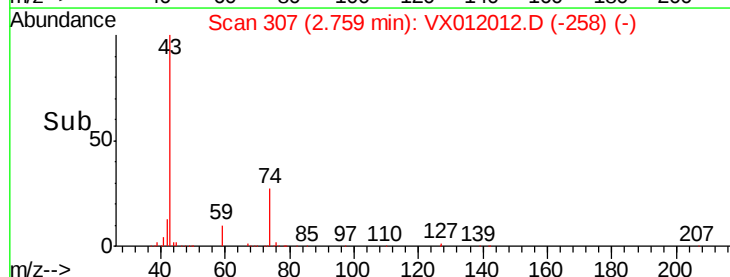
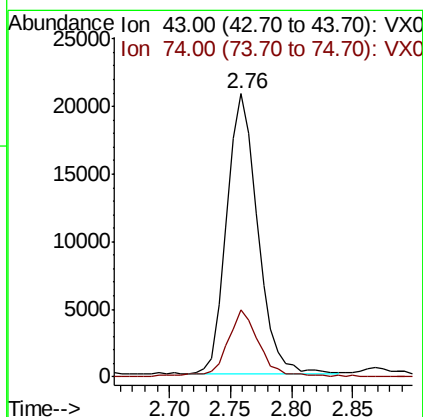
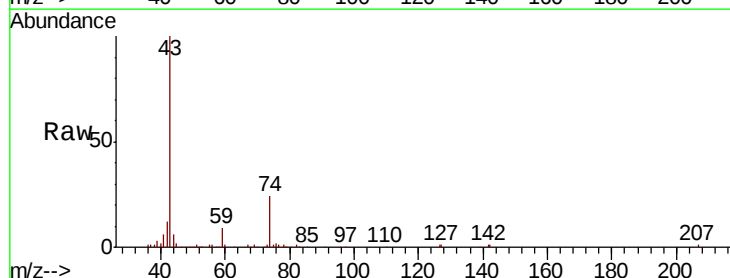
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

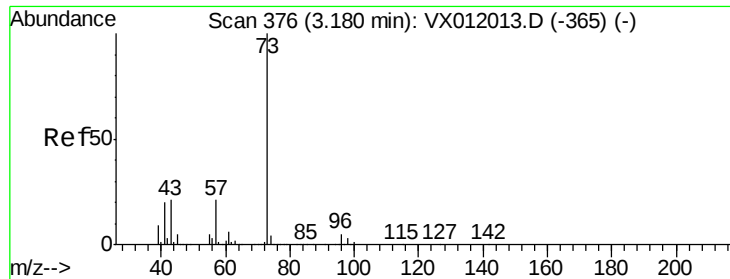
Tgt Ion: 76 Resp: 134711
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 14.758 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 43 Resp: 36472
Ion Ratio Lower Upper
43 100
74 24.9 19.5 29.3

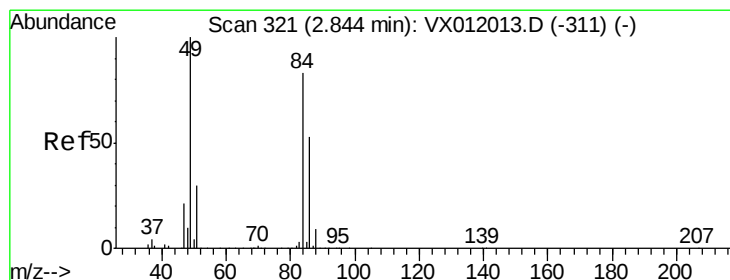
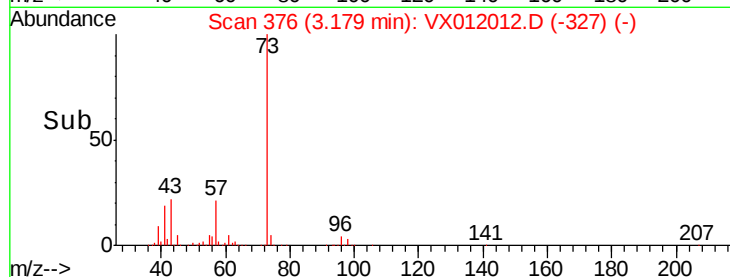
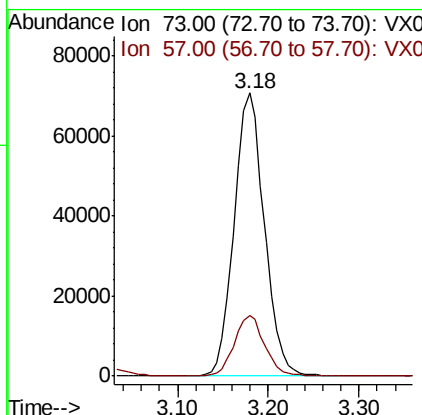
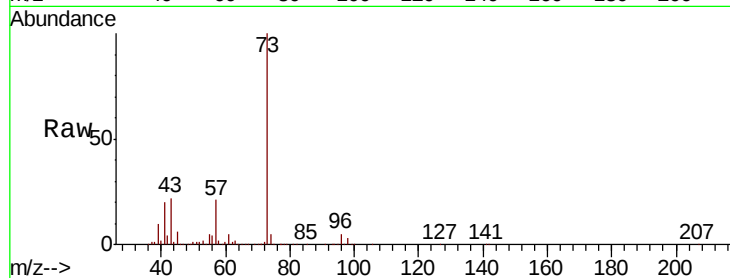




#19
Methyl tert-butyl Ether
Concen: 16.473 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

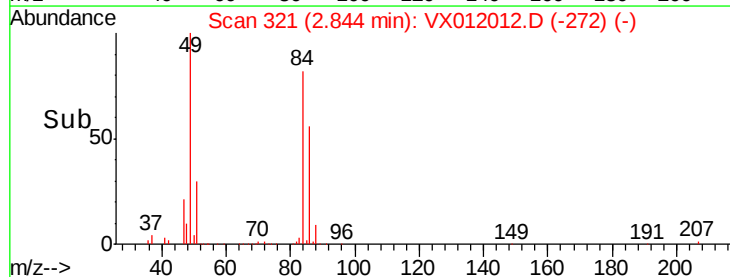
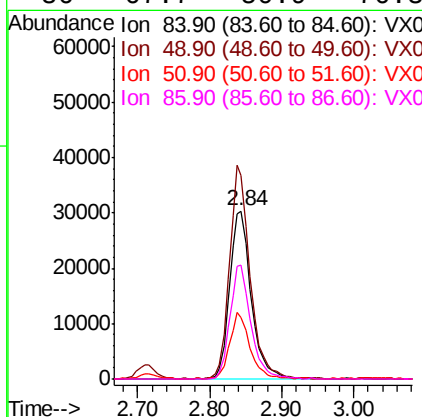
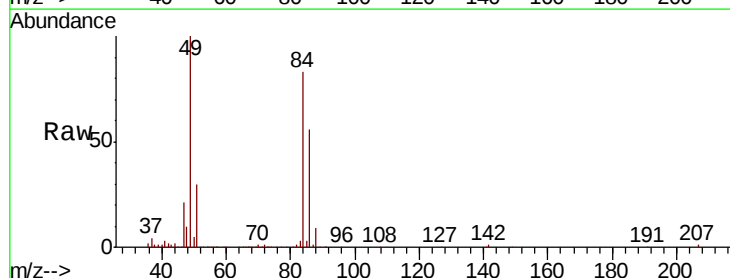
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

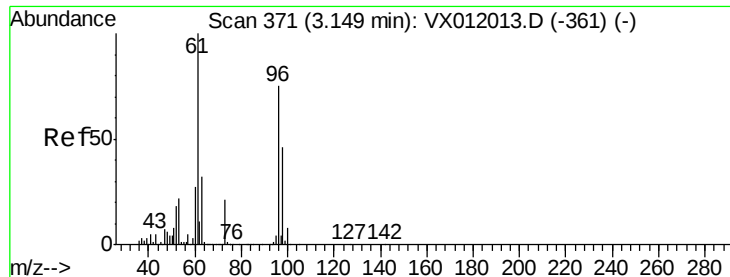
Tgt Ion: 73 Resp: 163895
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 14.246 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 84 Resp: 63769
Ion Ratio Lower Upper
84 100
49 120.9 95.8 143.8
51 36.4 28.6 43.0
86 67.7 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 16.975 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

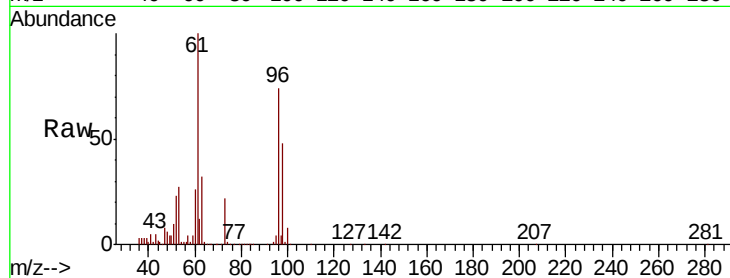
Tgt Ion: 96 Resp: 62213

Ion Ratio Lower Upper

96 100

61 134.7 107.0 160.6

98 64.8 49.8 74.6

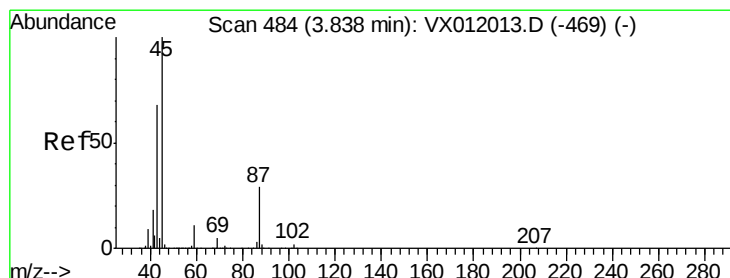
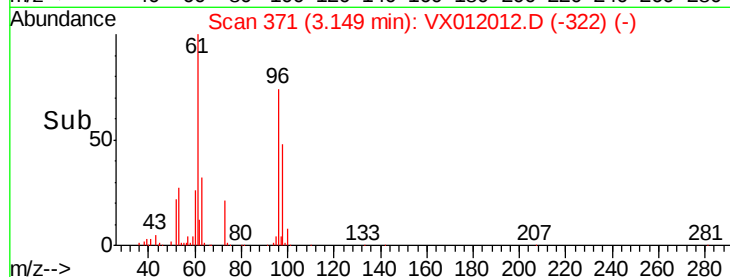
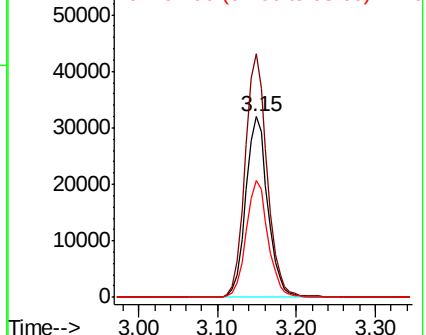


Abundance

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: 16.153 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Tgt Ion: 45 Resp: 188862

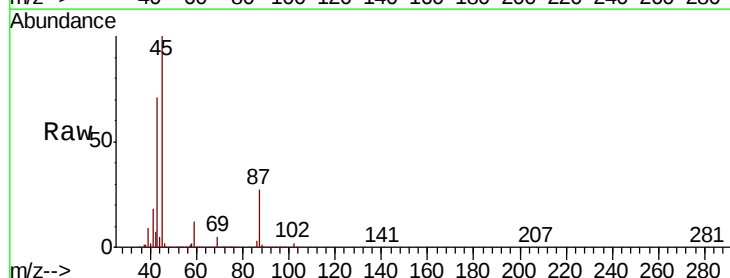
Ion Ratio Lower Upper

45 100

43 69.8 54.2 81.4

87 27.2 23.4 35.0

59 11.6 9.0 13.6



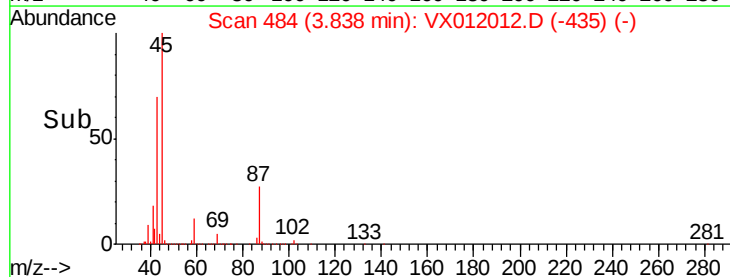
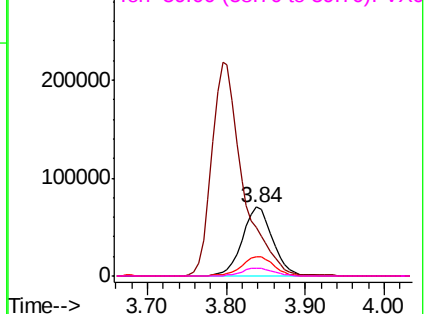
Abundance

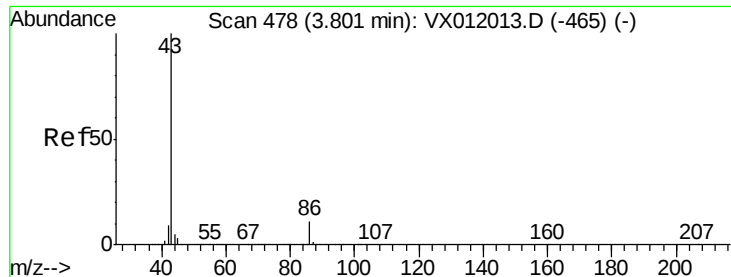
Ion 45.00 (44.70 to 45.70): VX0

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

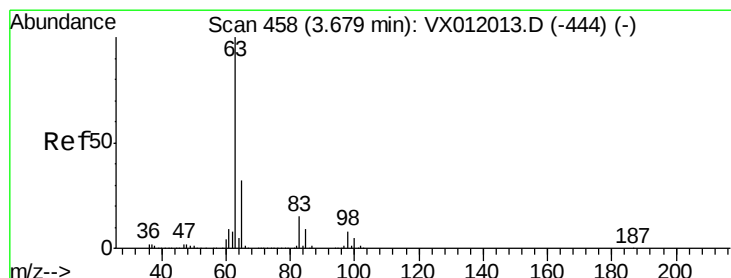
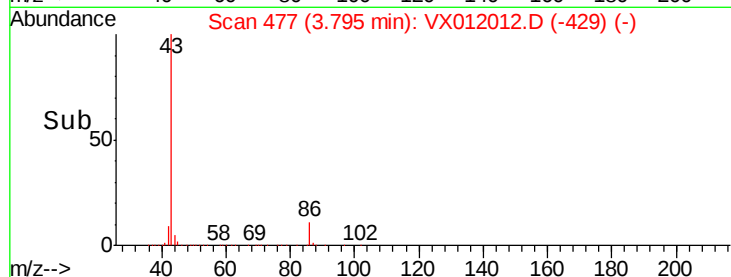
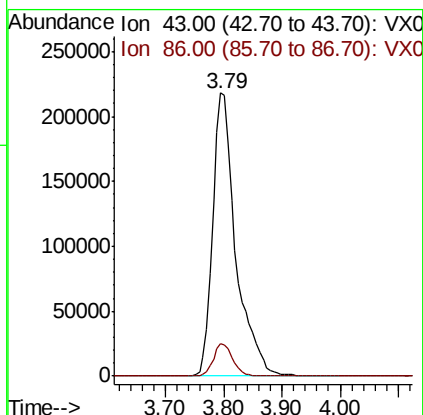
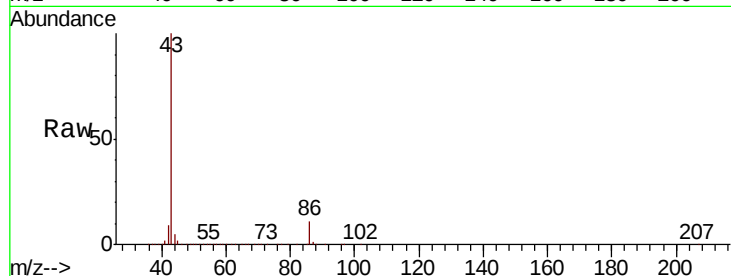




#23
 Vinyl Acetate
 Concen: 79.530 ug/l
 RT: 3.79 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

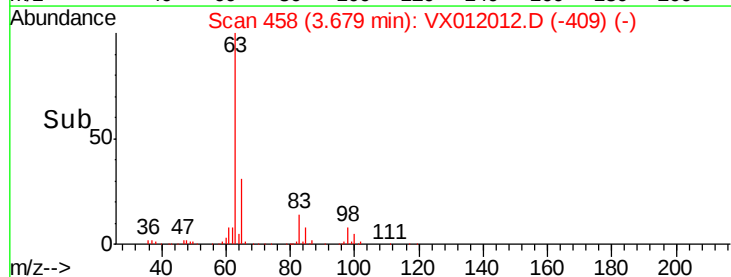
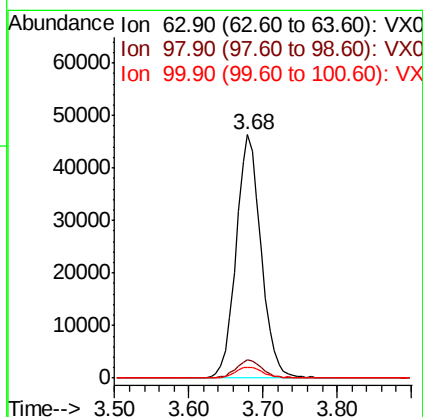
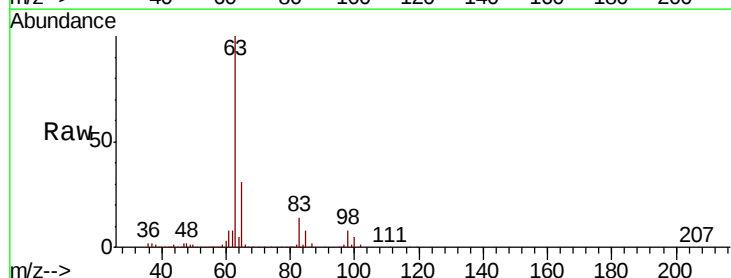
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

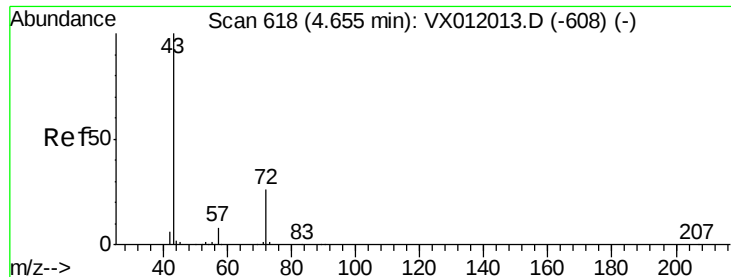
Tgt Ion: 43 Resp: 596934
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 16.767 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion: 63 Resp: 108902
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 76.816 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

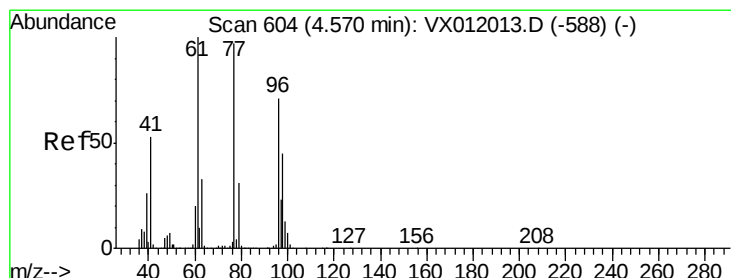
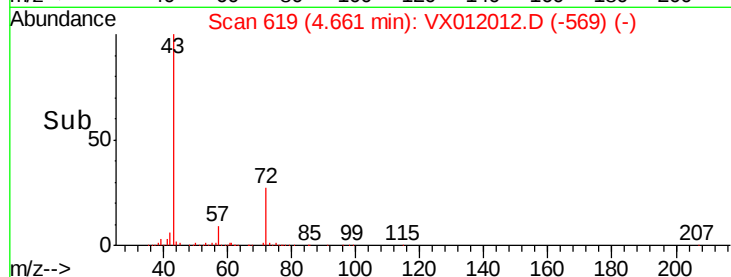
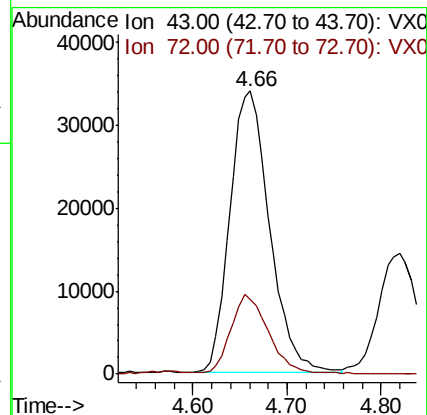
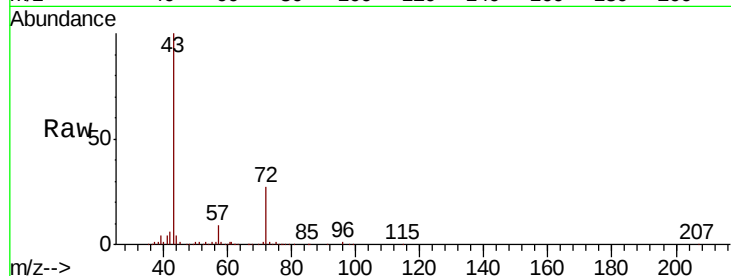
VSTDIC020

Tgt Ion: 43 Resp: 99869

Ion Ratio Lower Upper

43 100

72 26.3 21.3 31.9



#26

2,2-Dichloropropane

Concen: 18.533 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012012.D

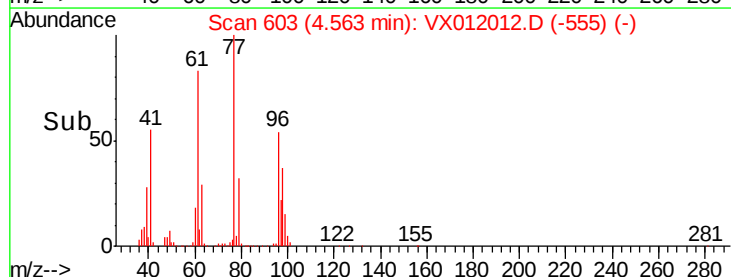
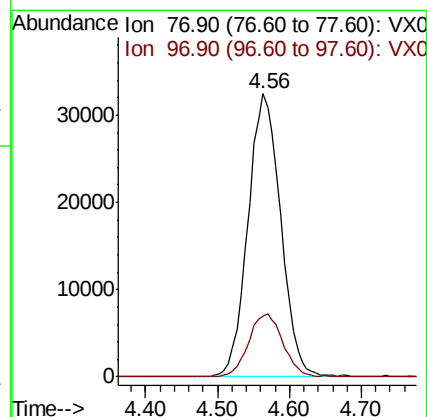
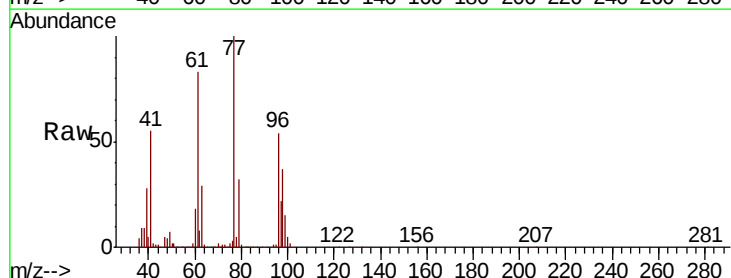
Acq: 02 Sep 2019 13:21

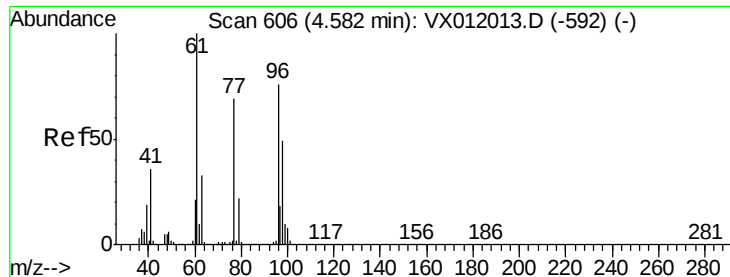
Tgt Ion: 77 Resp: 102566

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5



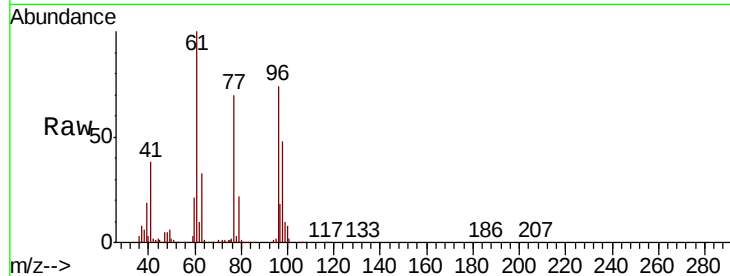


#27

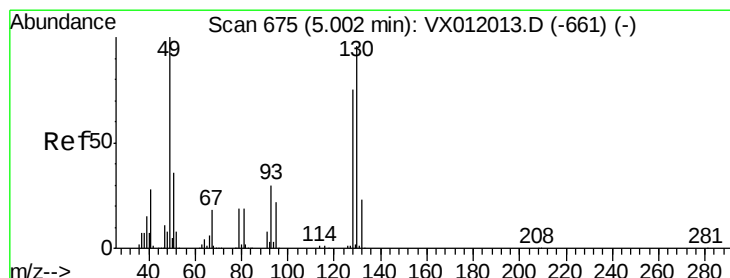
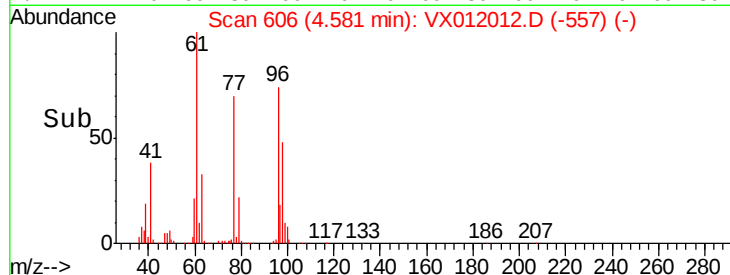
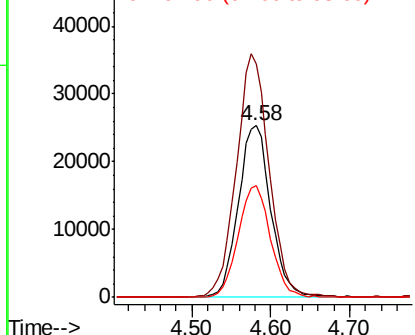
cis-1,2-Dichloroethene
Concen: 16.903 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 72571
Ion Ratio Lower Upper
96 100
61 143.2 0.0 277.0
98 65.1 0.0 128.4



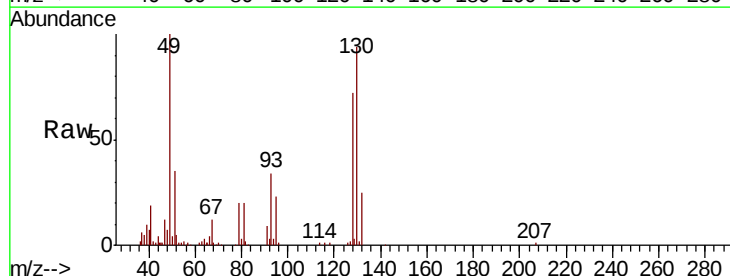
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



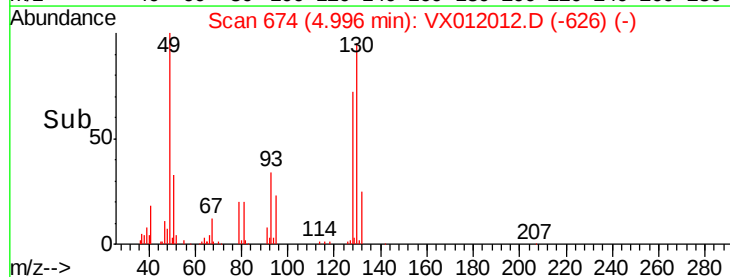
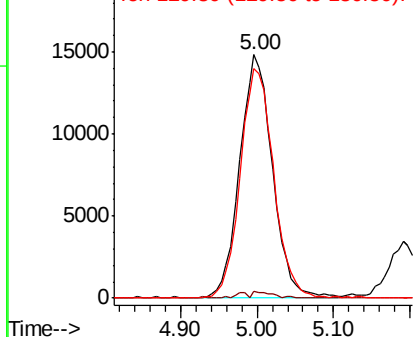
#28

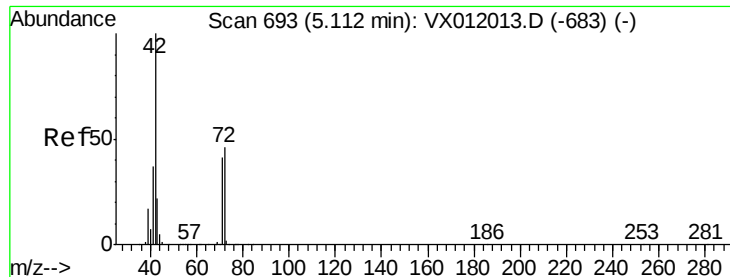
Bromochloromethane
Concen: 15.482 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 49 Resp: 44325
Ion Ratio Lower Upper
49 100
129 1.7 0.0 5.6
130 95.4 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: 77.194 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

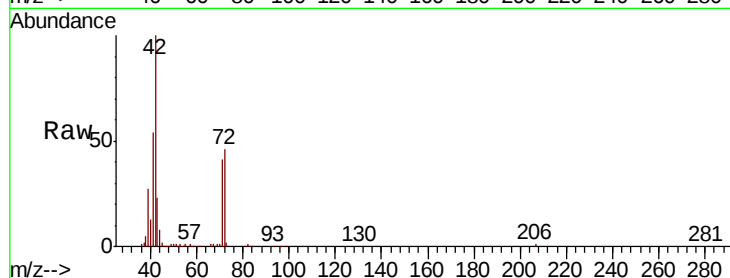
Tgt Ion: 42 Resp: 62612

Ion Ratio Lower Upper

42 100

72 46.6 37.0 55.4

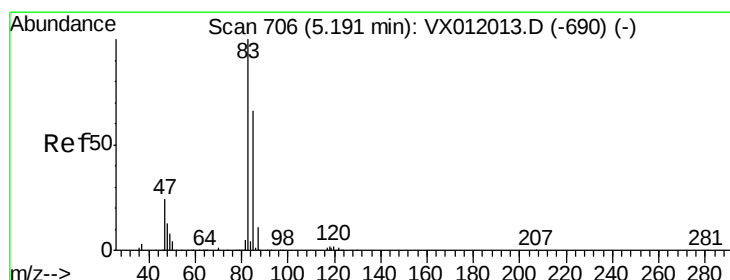
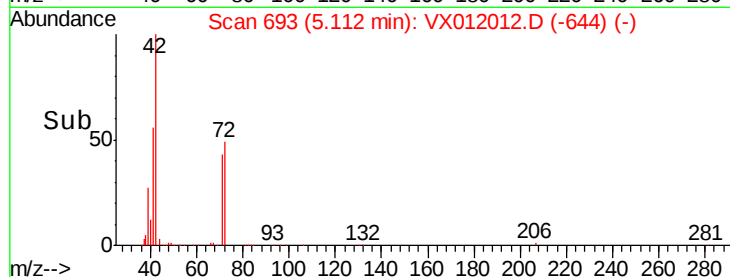
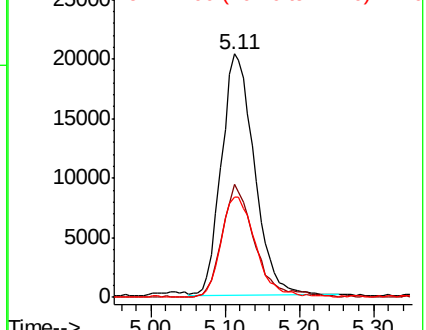
71 43.9 33.8 50.8



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: 17.175 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX012012.D

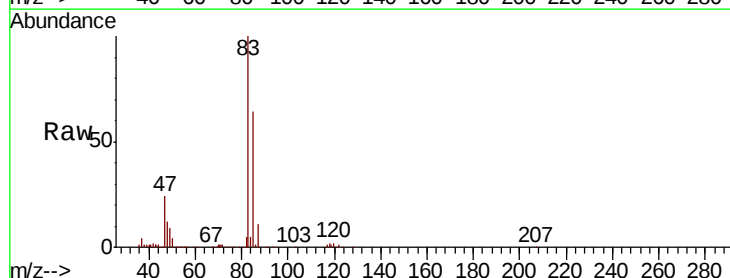
Acq: 02 Sep 2019 13:21

Tgt Ion: 83 Resp: 119714

Ion Ratio Lower Upper

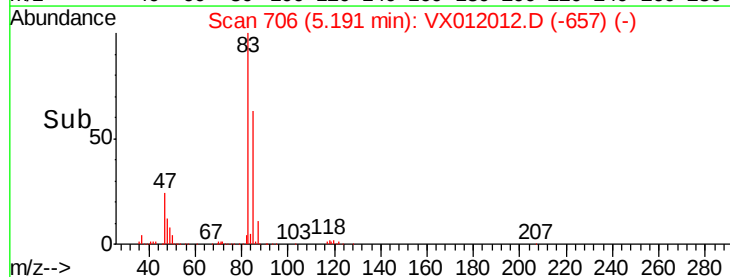
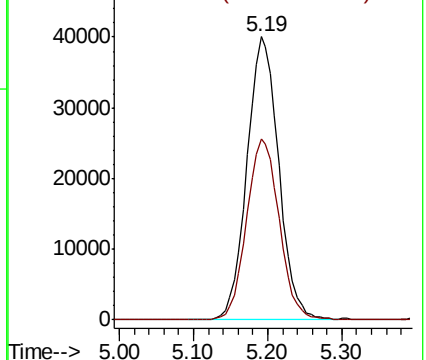
83 100

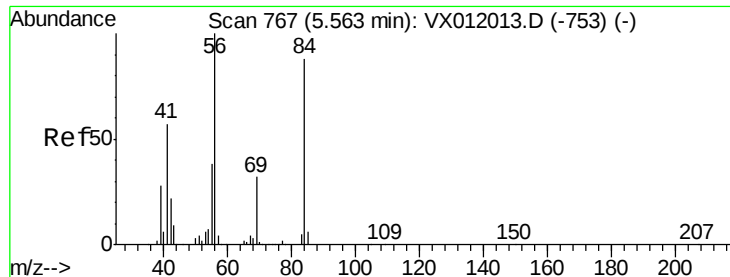
85 63.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

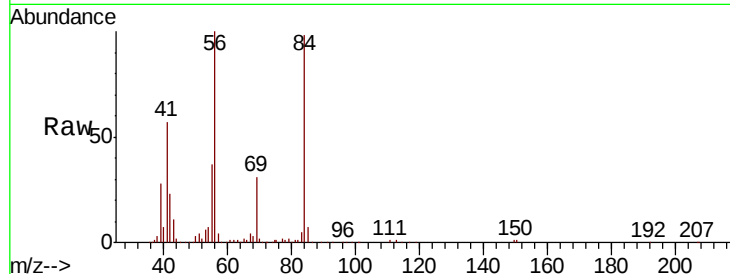




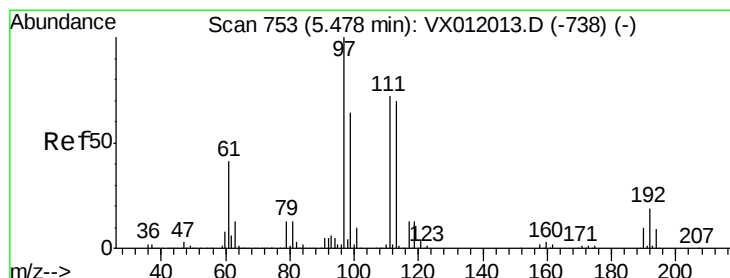
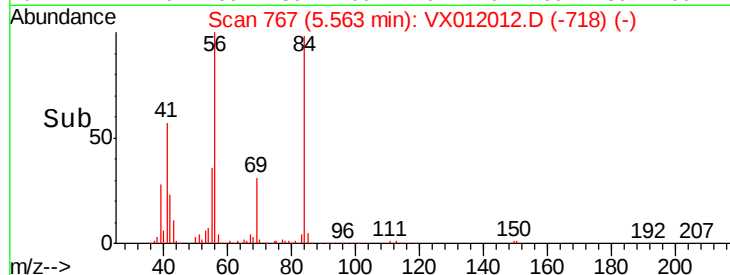
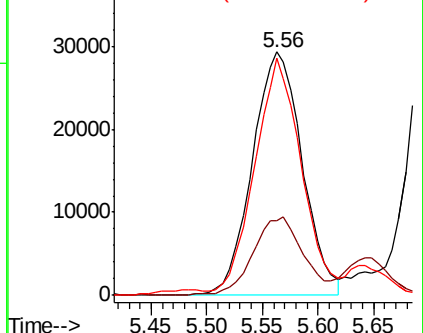
#31
Cyclohexane
Concen: 17.074 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 90645
Ion Ratio Lower Upper
56 100
69 30.7 25.7 38.5
84 95.6 70.3 105.5

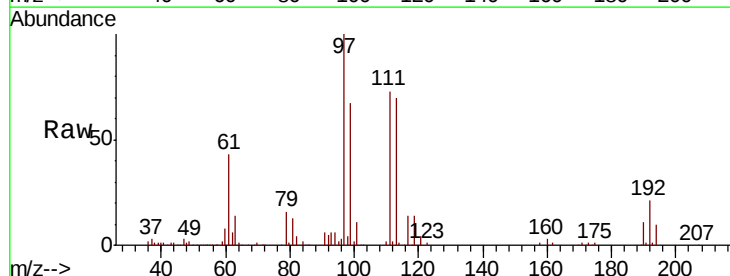


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

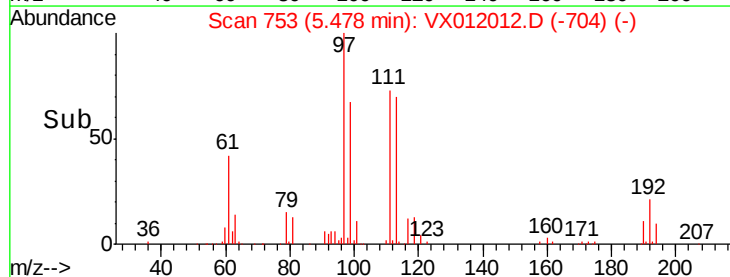
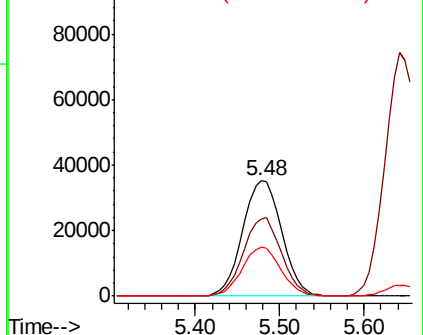


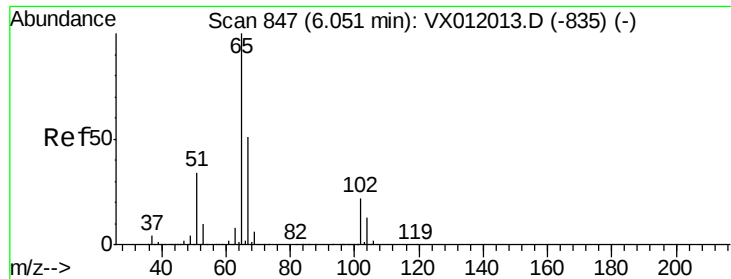
#32
1,1,1-Trichloroethane
Concen: 17.868 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 97 Resp: 111663
Ion Ratio Lower Upper
97 100
99 65.8 52.1 78.1
61 41.9 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

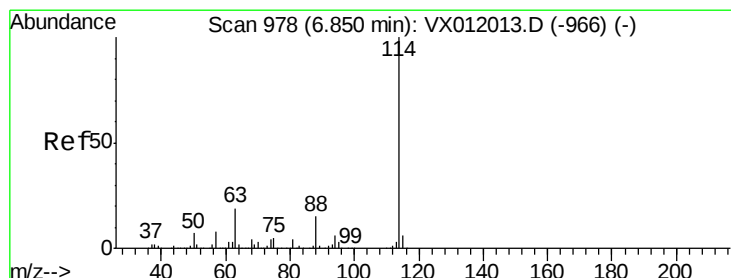
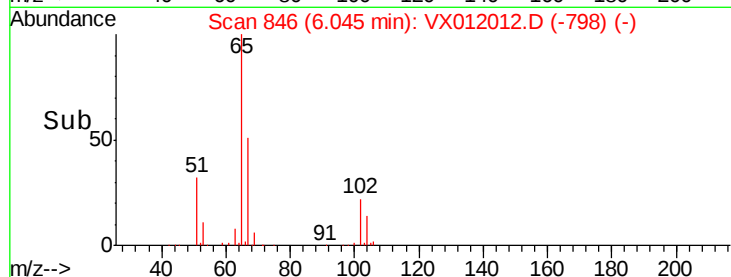
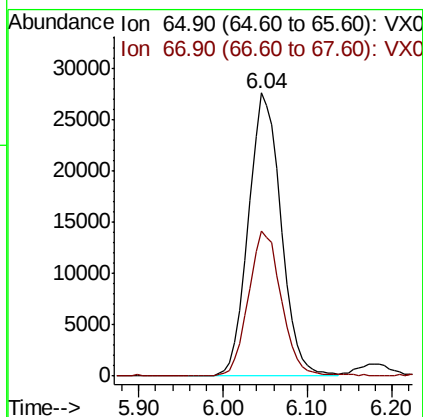
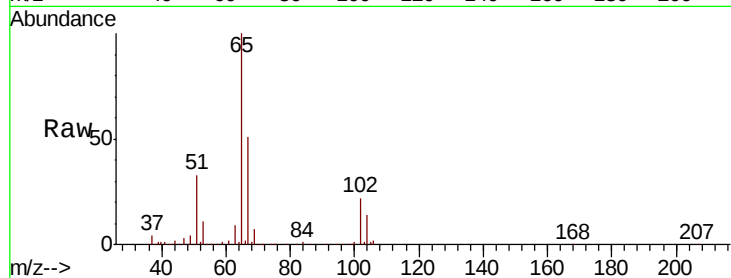




#33
 1,2-Dichloroethane-d4
 Concen: 17.090 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

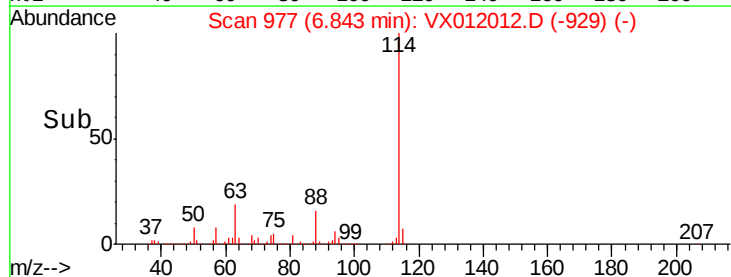
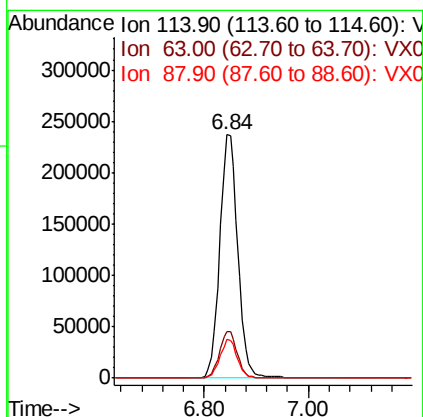
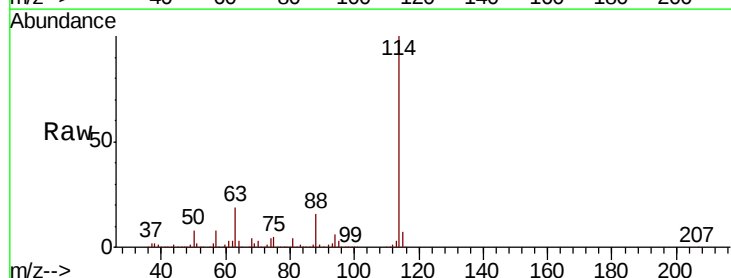
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

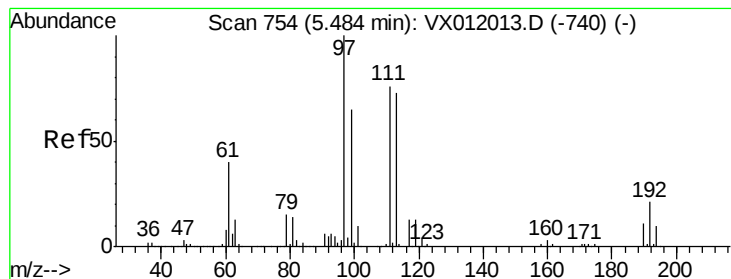
Tgt Ion: 65 Resp: 72861
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion: 114 Resp: 578099
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 15.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 20.155 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

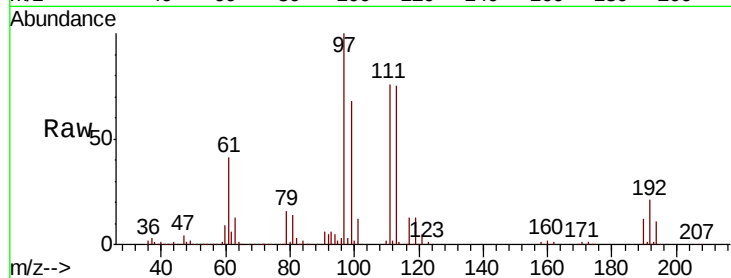
Tgt Ion: 113 Resp: 75235

Ion Ratio Lower Upper

113 100

111 103.1 81.7 122.5

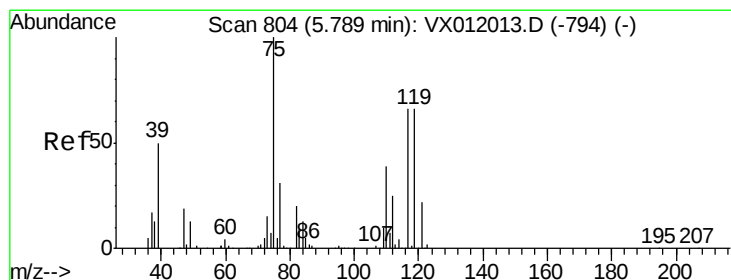
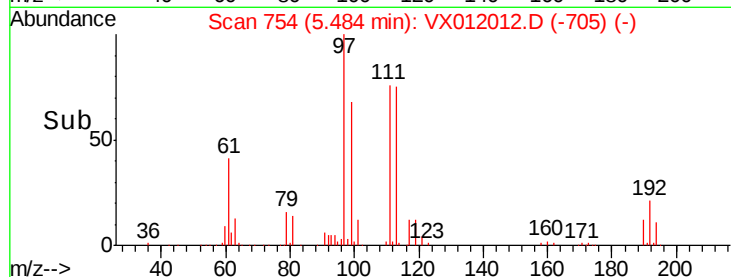
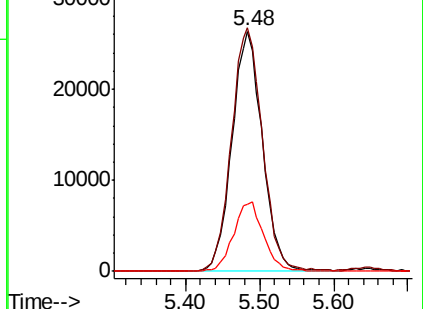
192 28.8 22.5 33.7



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: 18.380 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

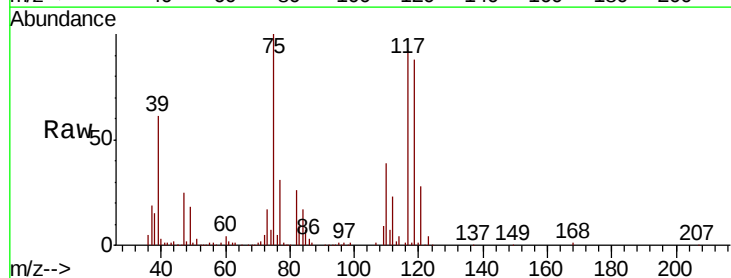
Tgt Ion: 75 Resp: 84106

Ion Ratio Lower Upper

75 100

110 39.4 19.5 58.5

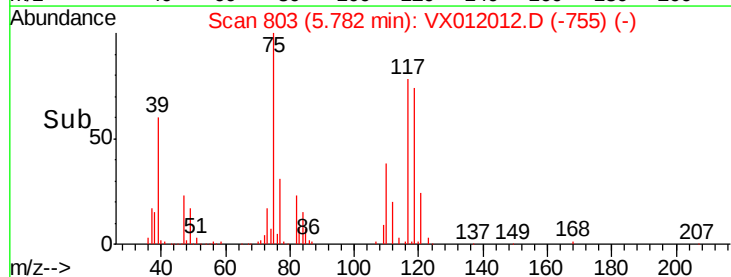
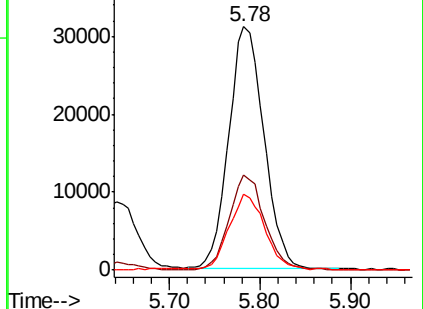
77 30.7 24.6 37.0

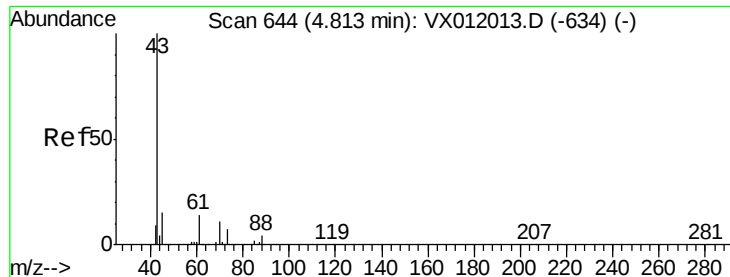


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

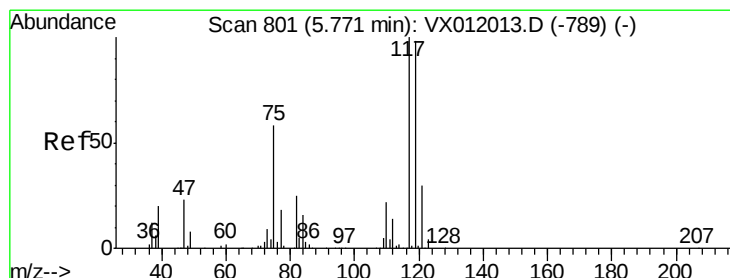
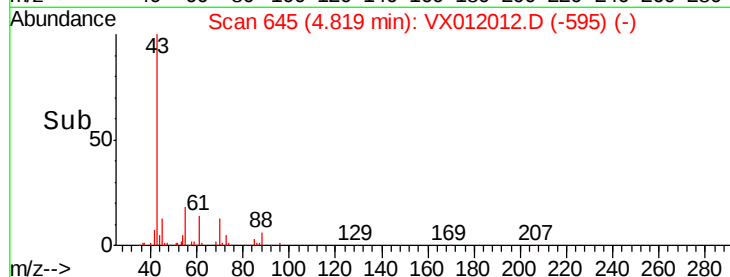
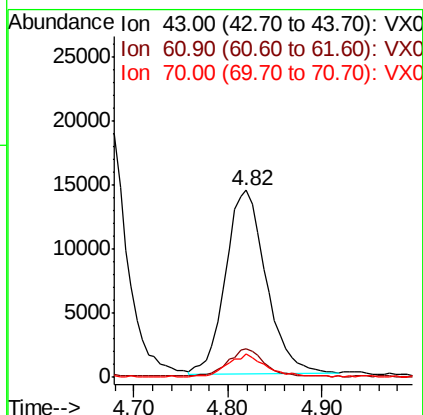
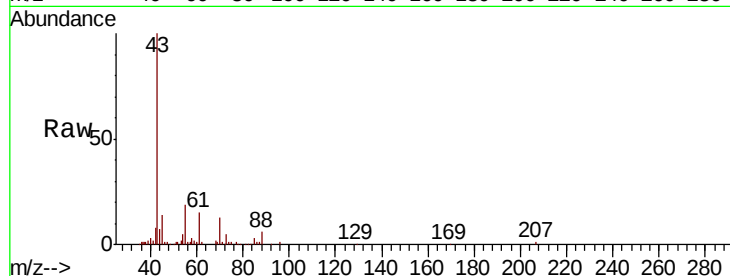




#37
Ethyl Acetate
Concen: 16.249 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

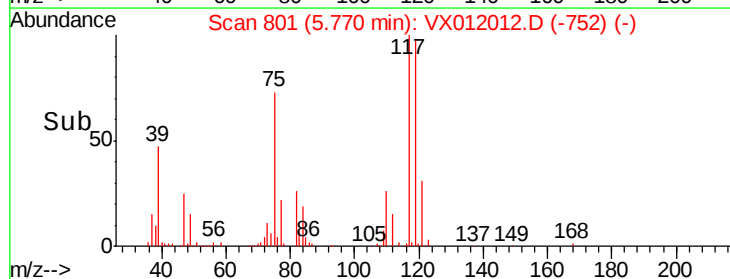
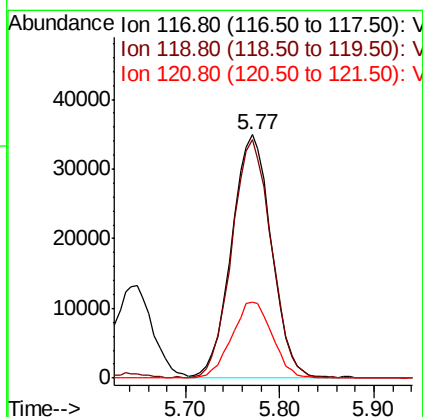
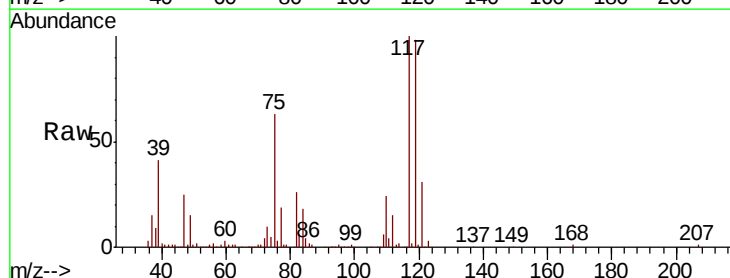
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

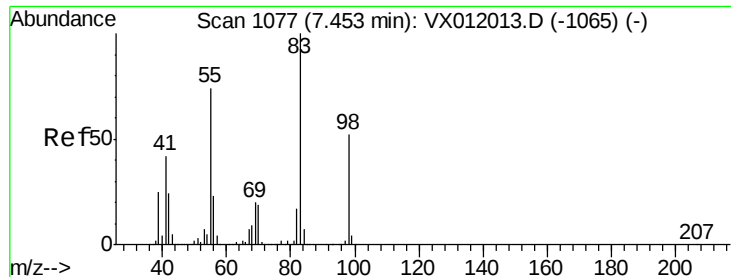
Tgt Ion: 43 Resp: 42840
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 12.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.144 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 117 Resp: 102350
Ion Ratio Lower Upper
117 100
119 98.2 78.3 117.5
121 31.2 24.2 36.2

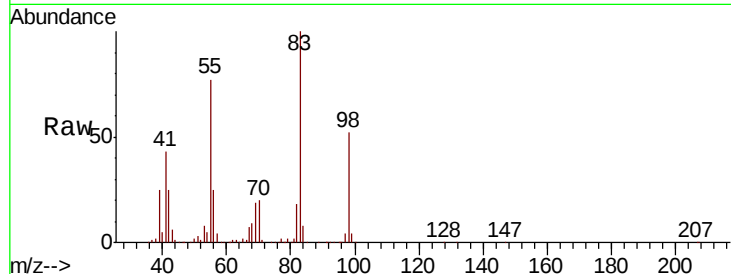




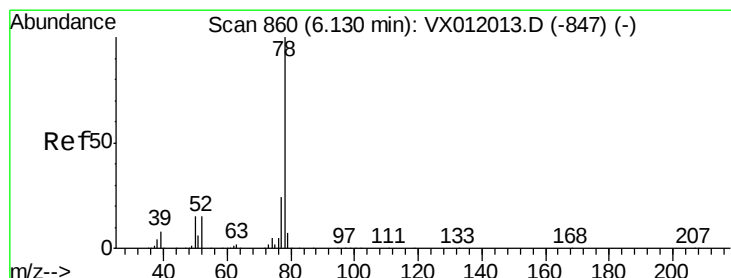
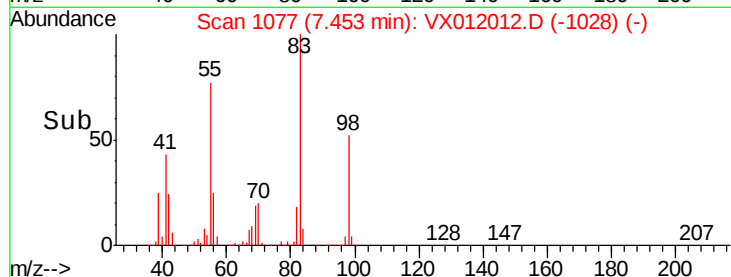
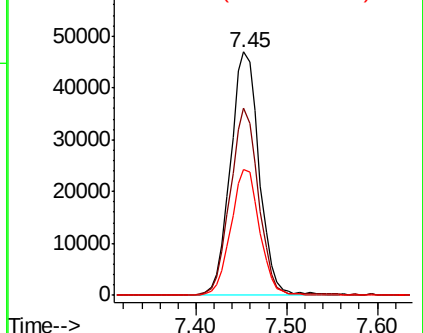
#39
Methylcyclohexane
Concen: 18.858 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 103391
Ion Ratio Lower Upper
83 100
55 76.7 59.6 89.4
98 51.8 41.4 62.0

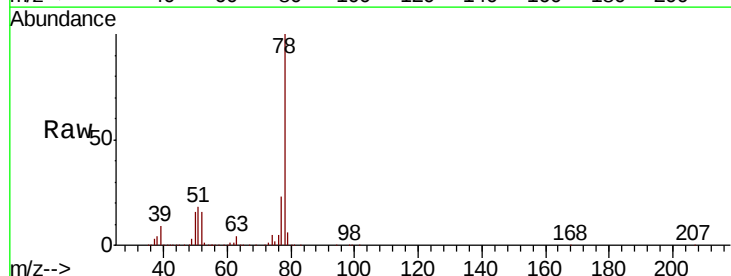


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

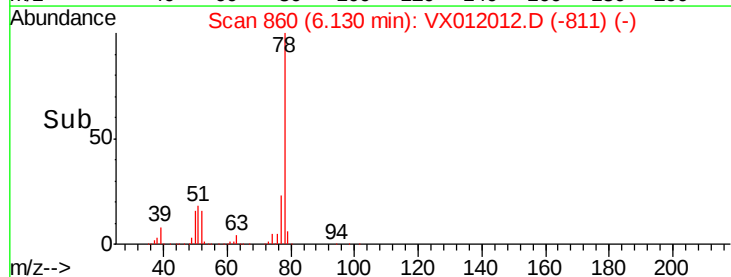
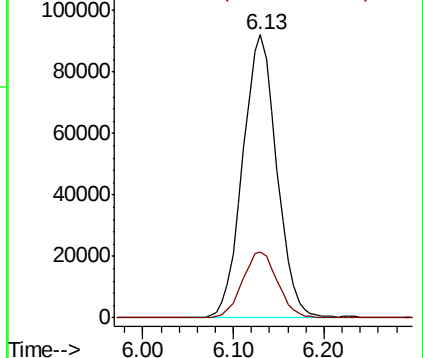


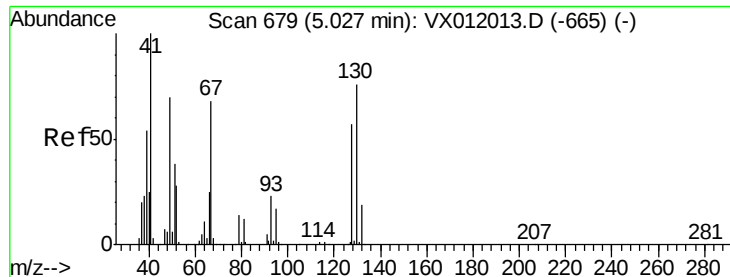
#40
Benzene
Concen: 17.765 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 78 Resp: 240282
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

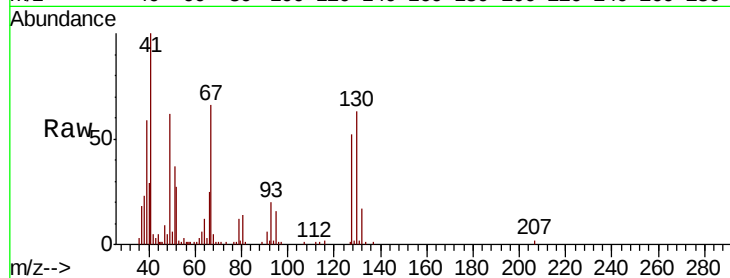




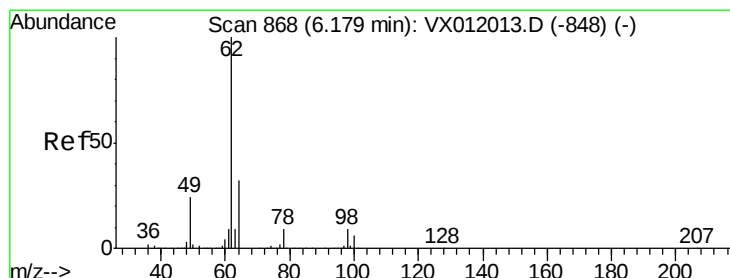
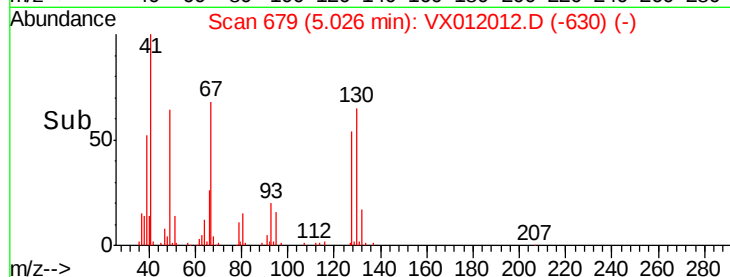
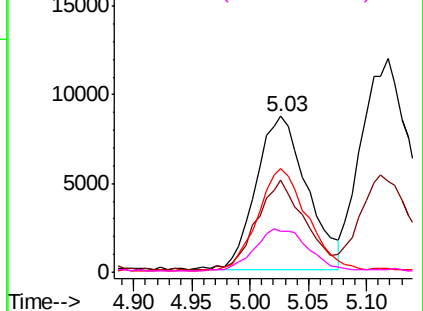
#41
Methacrylonitrile
Concen: 17.006 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	26499
Ion	Ratio	Lower	Upper
41	100		
39	53.9	46.7	70.1
67	65.2	57.0	85.6
52	29.0	23.5	35.3

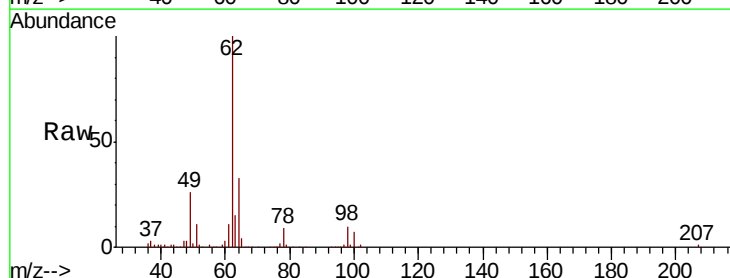


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

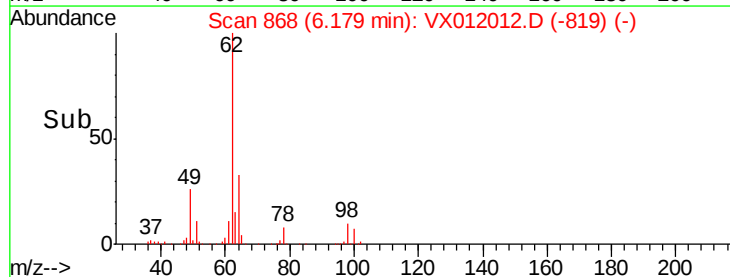
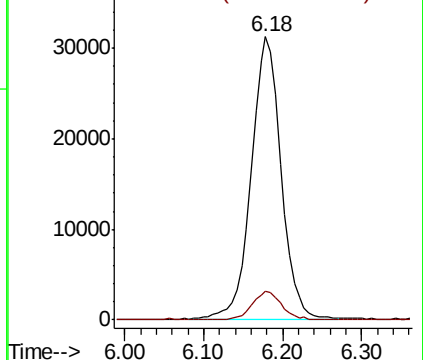


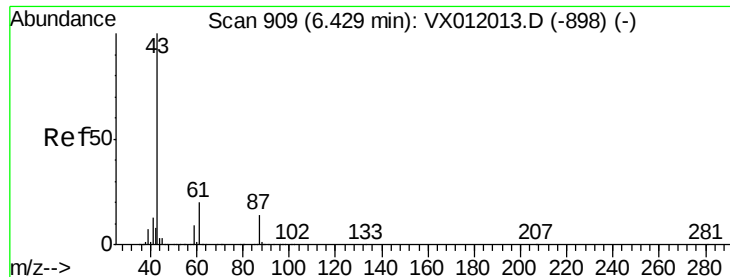
#42
1,2-Dichloroethane
Concen: 17.714 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion:	62	Resp:	81343
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



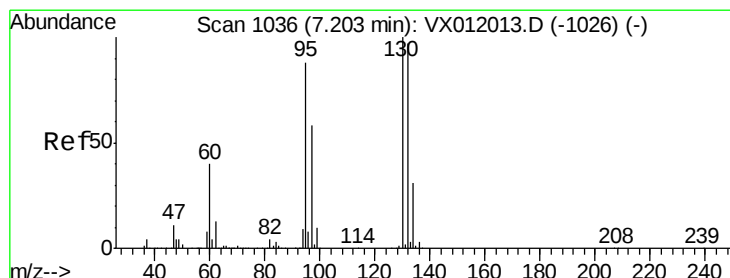
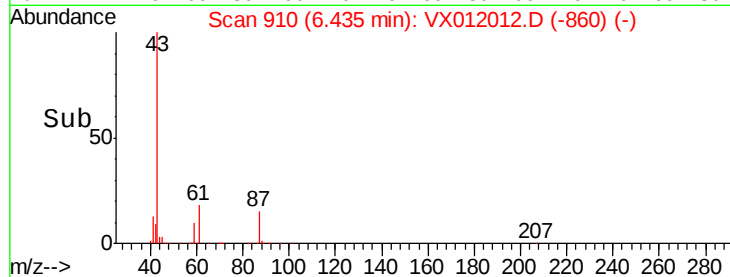
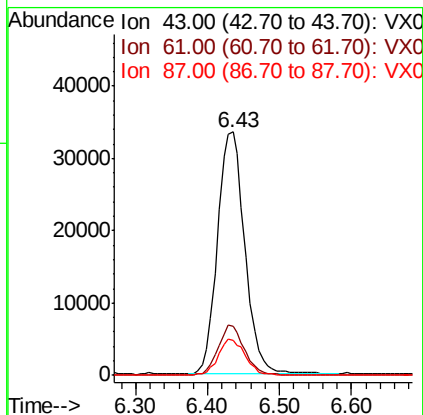
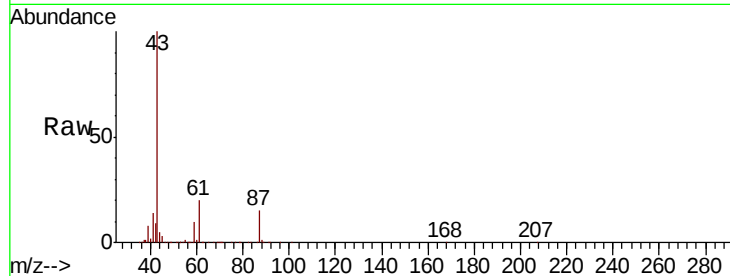


#43

Isopropyl Acetate
 Concen: 16.620 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

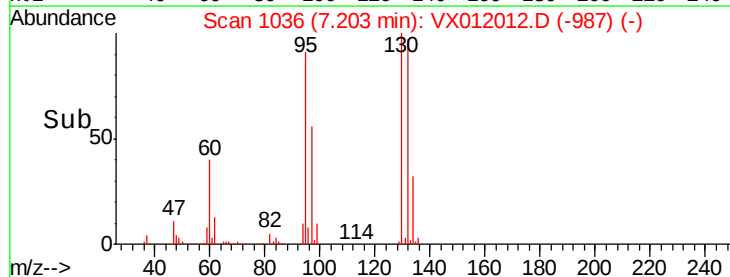
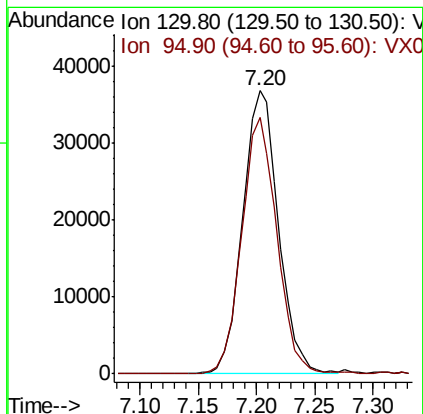
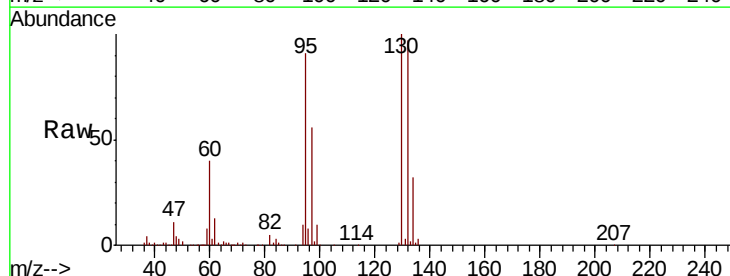
Tgt Ion: 43 Resp: 89042
 Ion Ratio Lower Upper
 43 100
 61 19.9 16.1 24.1
 87 14.7 11.3 16.9

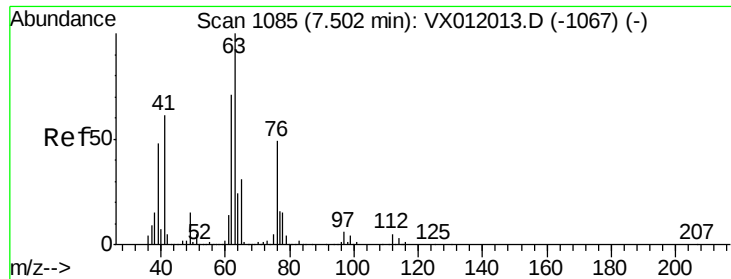


#44

Trichloroethene
 Concen: 18.662 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion: 130 Resp: 79159
 Ion Ratio Lower Upper
 130 100
 95 90.7 0.0 176.4





#45

1,2-Dichloropropane

Concen: 17.839 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

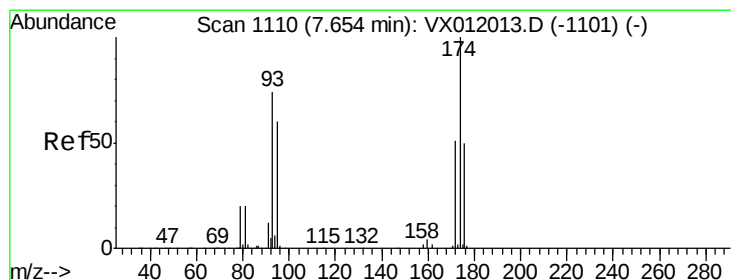
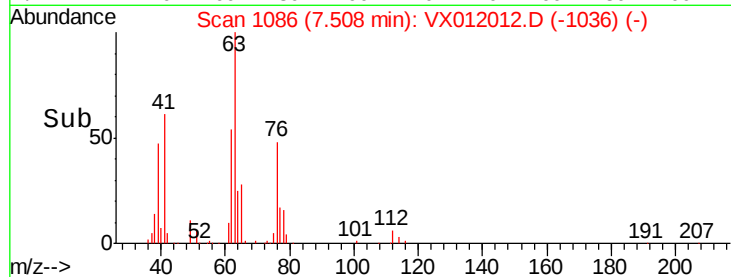
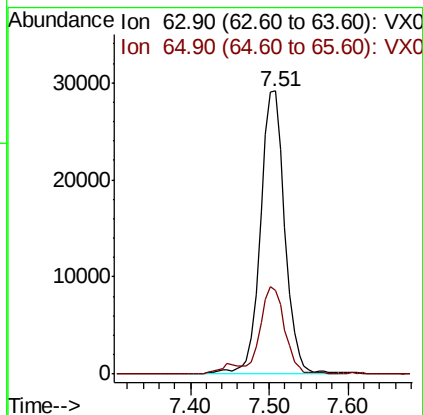
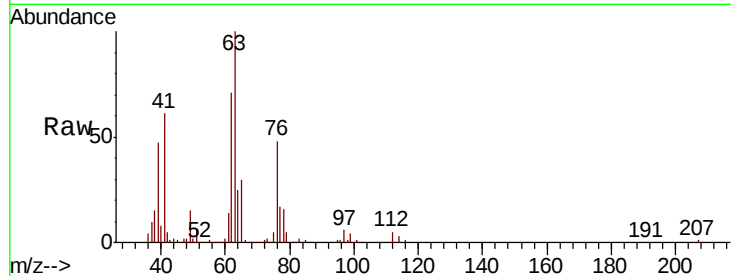
VSTDIC020

Tgt Ion: 63 Resp: 62760

Ion Ratio Lower Upper

63 100

65 29.6 25.0 37.6



#46

Dibromomethane

Concen: 17.235 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

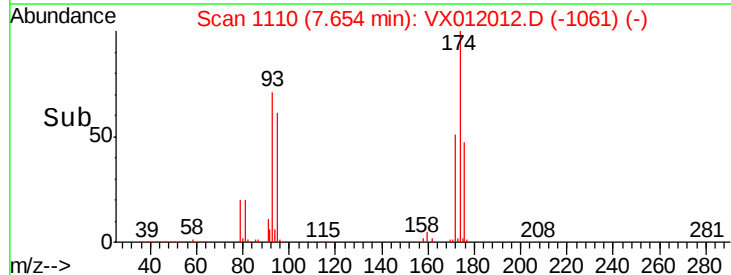
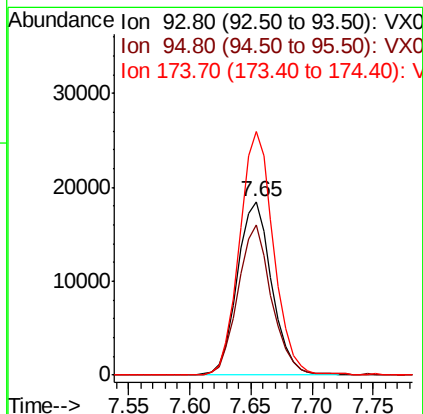
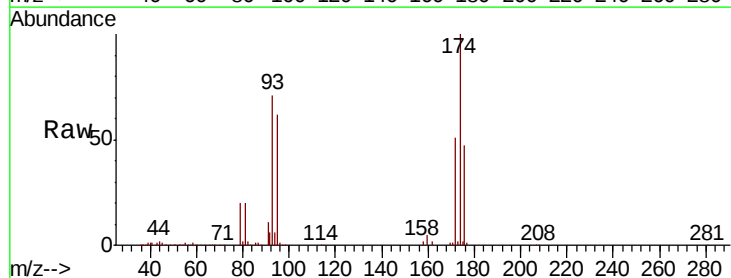
Tgt Ion: 93 Resp: 36147

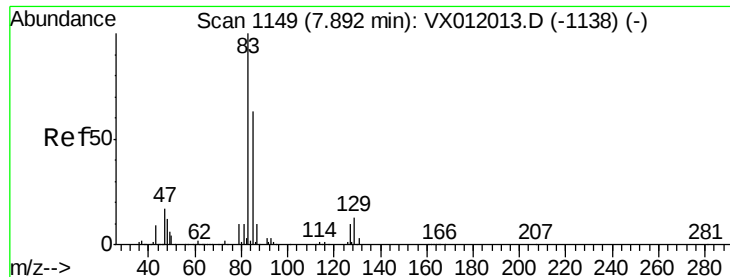
Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.2

174 138.9 110.2 165.4





#47

Bromodichloromethane

Concen: 17.724 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

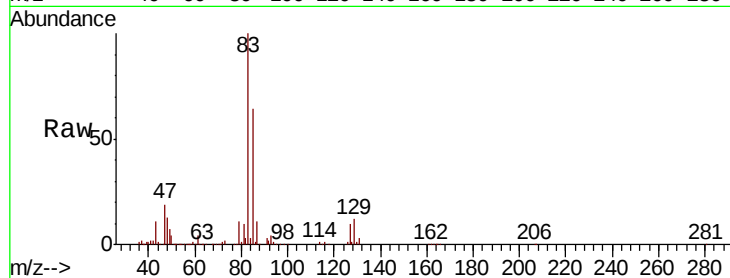
Tgt Ion: 83 Resp: 92028

Ion Ratio Lower Upper

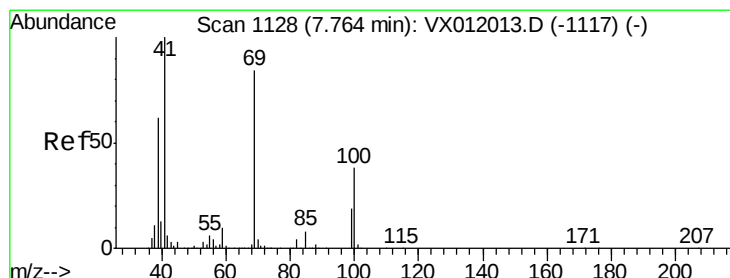
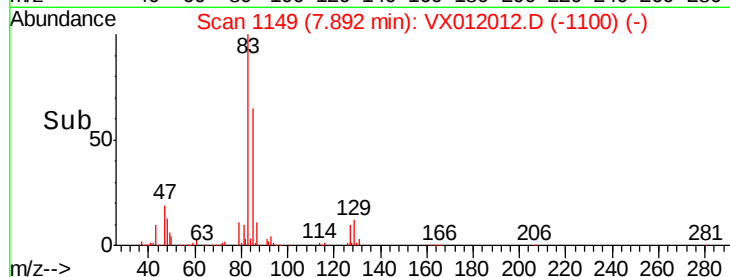
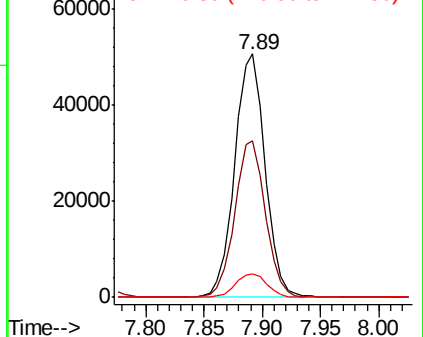
83 100

85 64.5 50.3 75.5

127 9.9 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: 16.487 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

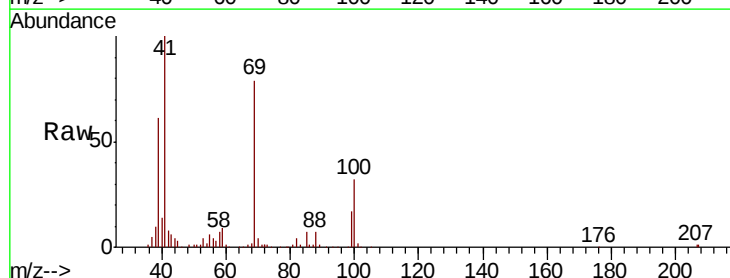
Tgt Ion: 41 Resp: 42978

Ion Ratio Lower Upper

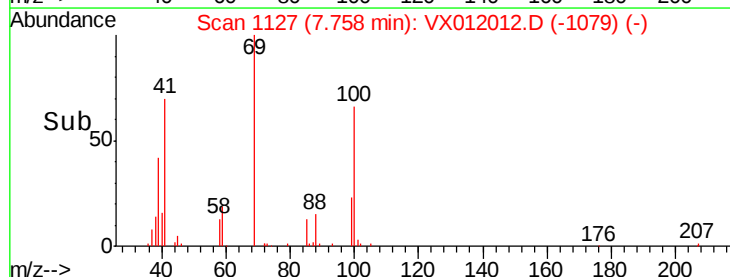
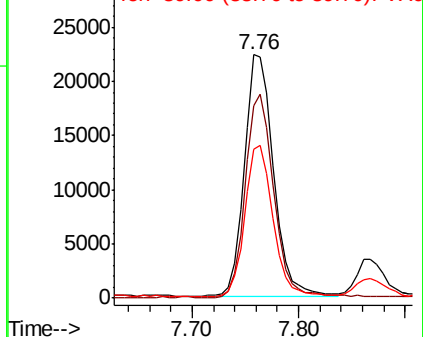
41 100

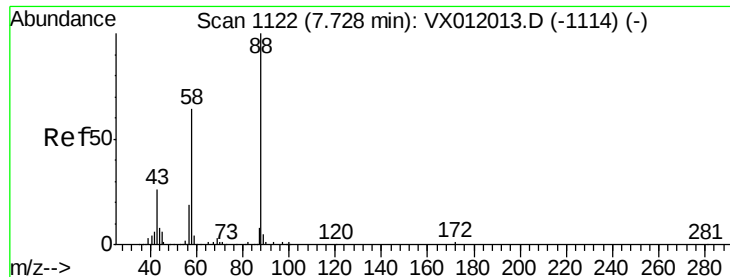
69 84.6 66.3 99.5

39 60.3 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: 341.535 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

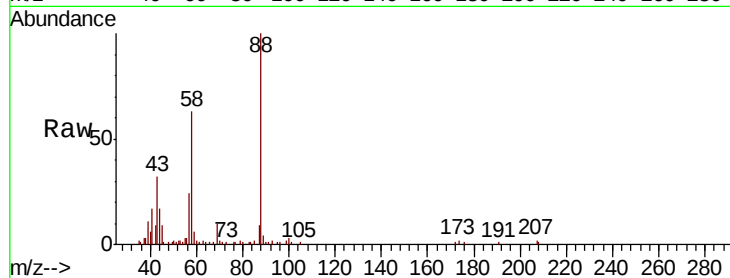
Tgt Ion: 88 Resp: 12177

Ion Ratio Lower Upper

88 100

43 36.2 29.8 44.6

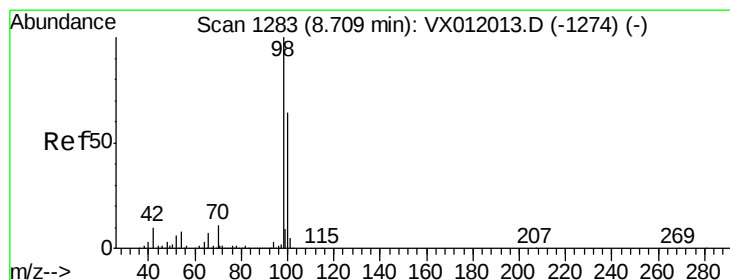
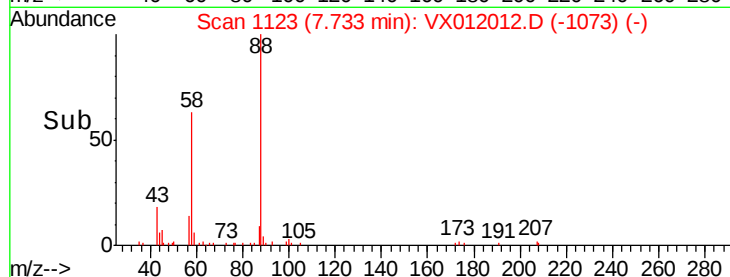
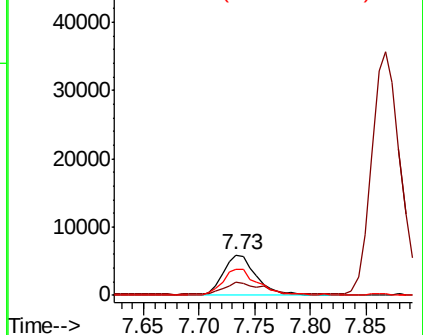
58 68.6 55.4 83.2



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: 18.055 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012012.D

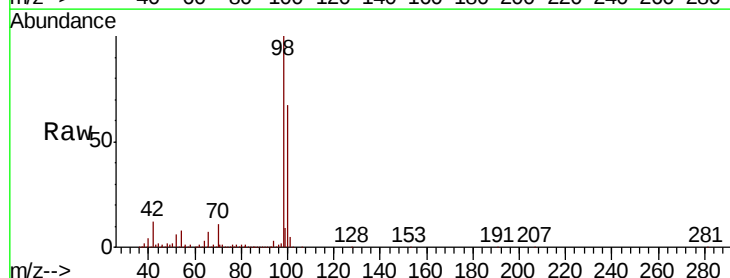
Acq: 02 Sep 2019 13:21

Tgt Ion: 98 Resp: 240944

Ion Ratio Lower Upper

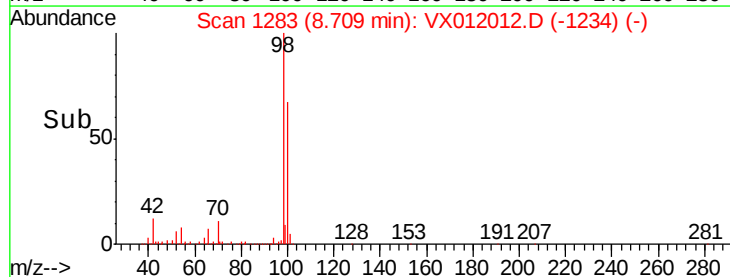
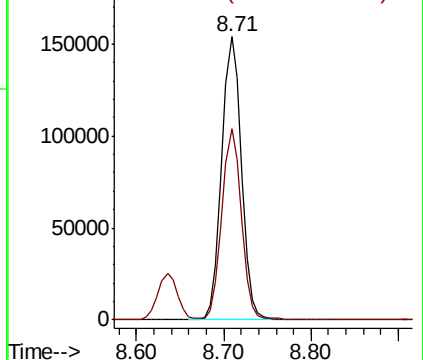
98 100

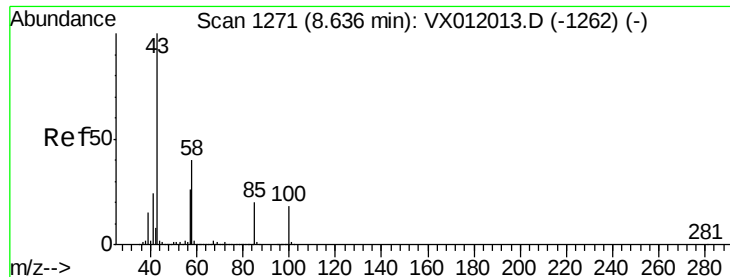
100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

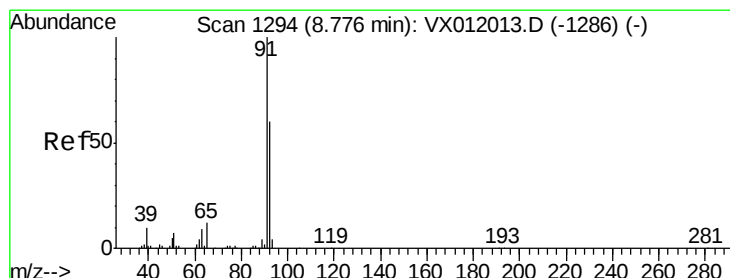
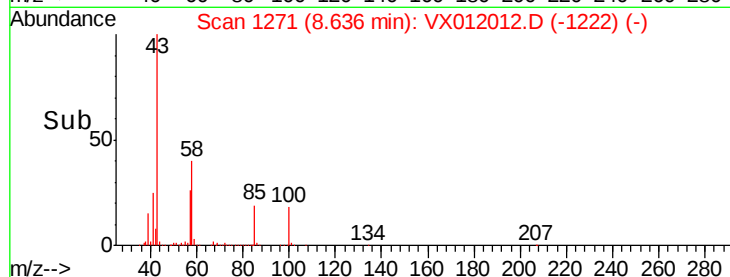
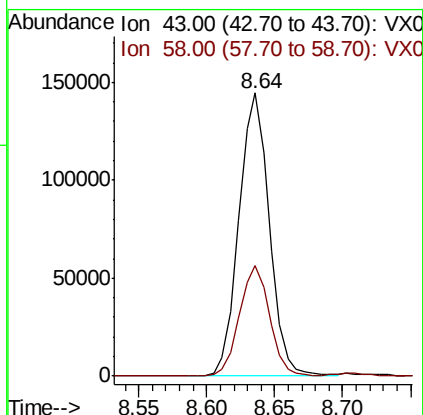
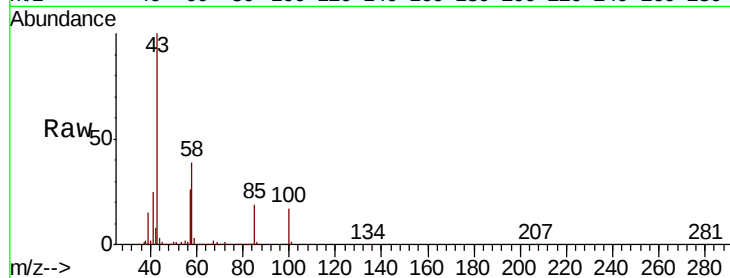




#51
 4-Methyl-2-Pentanone
 Concen: 82.902 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

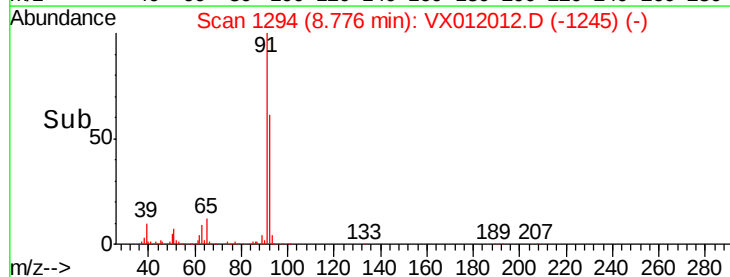
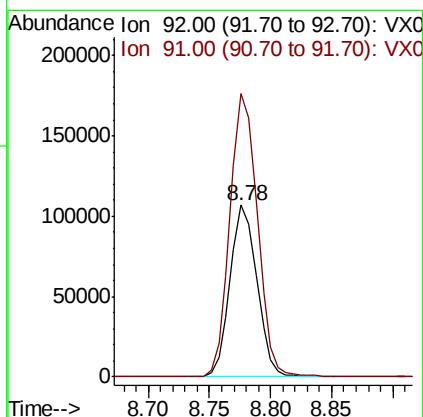
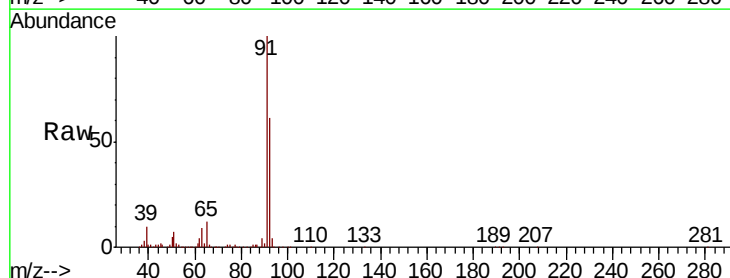
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

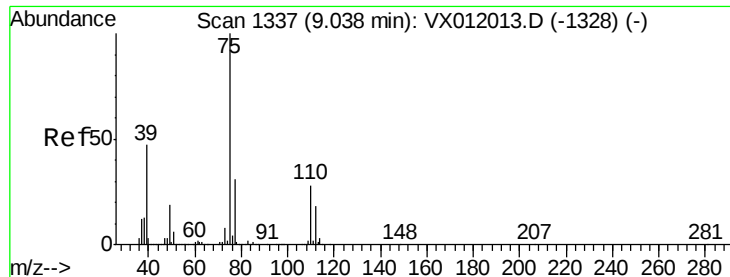
Tgt Ion: 43 Resp: 225203
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.5 47.3



#52
 Toluene
 Concen: 18.211 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion: 92 Resp: 163652
 Ion Ratio Lower Upper
 92 100
 91 169.0 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 17.675 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

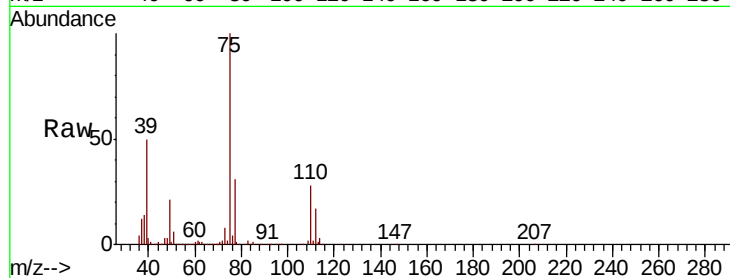
VSTDIC020

Tgt Ion: 75 Resp: 93973

Ion Ratio Lower Upper

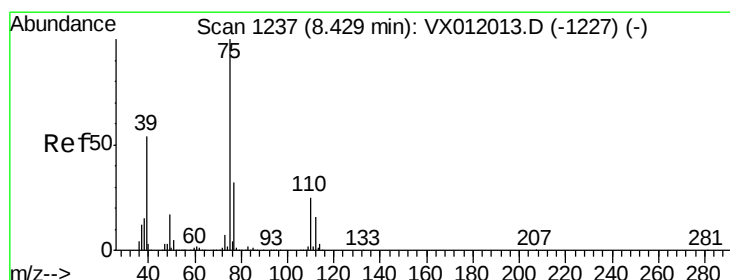
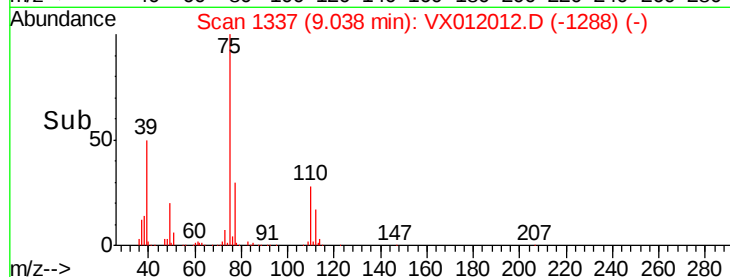
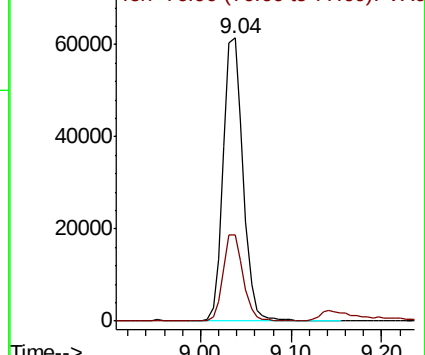
75 100

77 30.7 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: 17.671 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

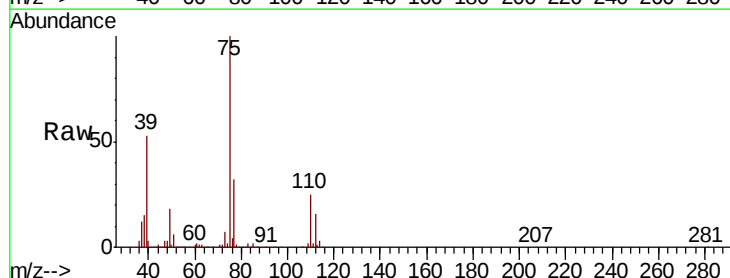
Tgt Ion: 75 Resp: 105454

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

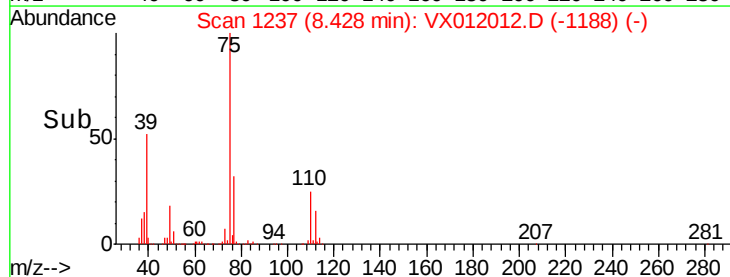
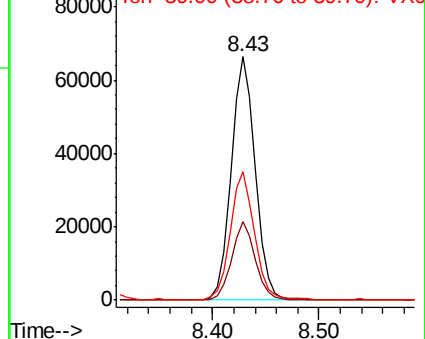
39 52.2 43.0 64.4

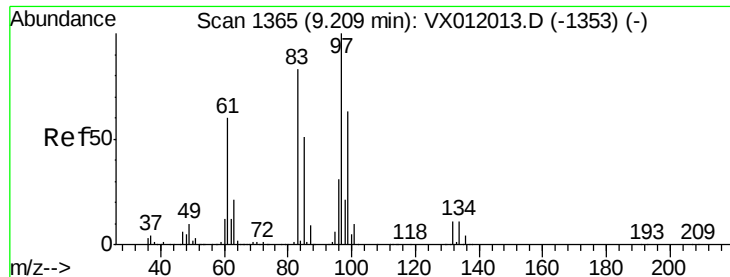


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

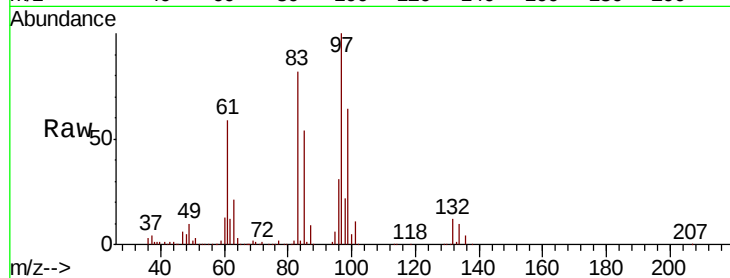




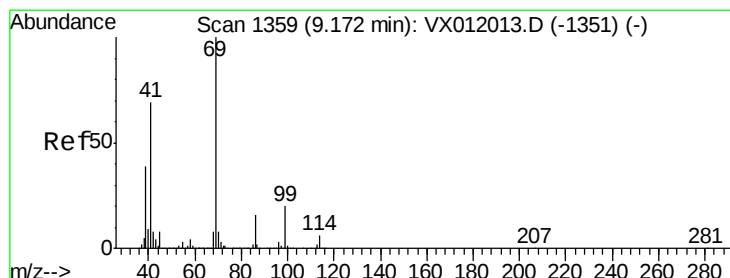
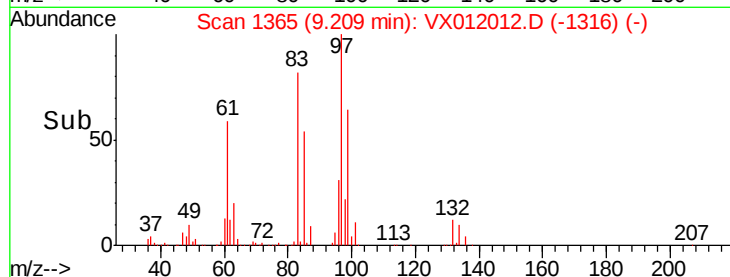
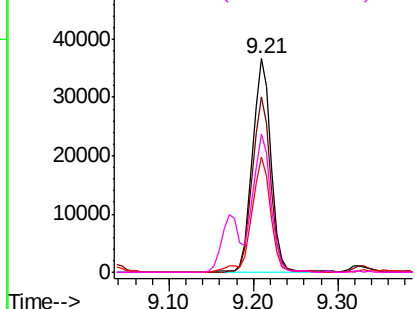
#55
 1,1,2-Trichloroethane
 Concen: 17.689 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	54279
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.0	99.0
85	53.7	41.0	61.6
99	64.5	50.6	75.8

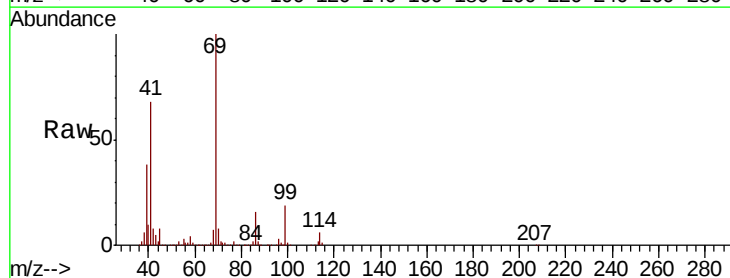


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

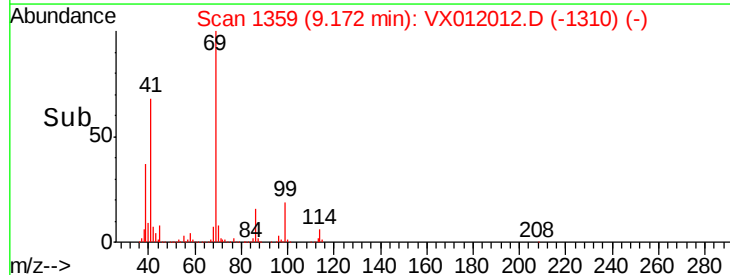
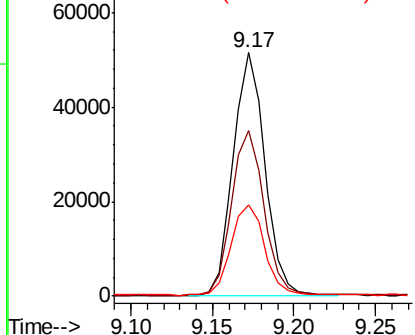


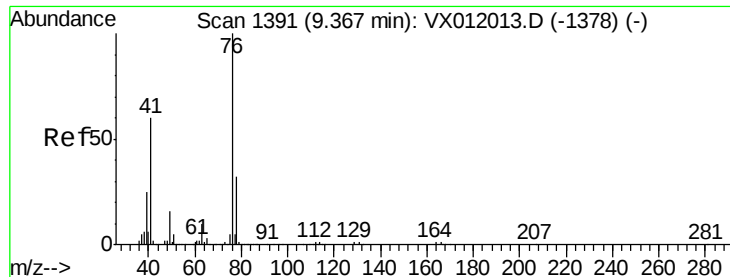
#56
 Ethyl methacrylate
 Concen: 16.595 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion:	69	Resp:	70172
Ion	Ratio	Lower	Upper
69	100		
41	69.8	53.9	80.9
39	38.9	31.1	46.7



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





#57

1,3-Dichloropropane

Concen: 17.597 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

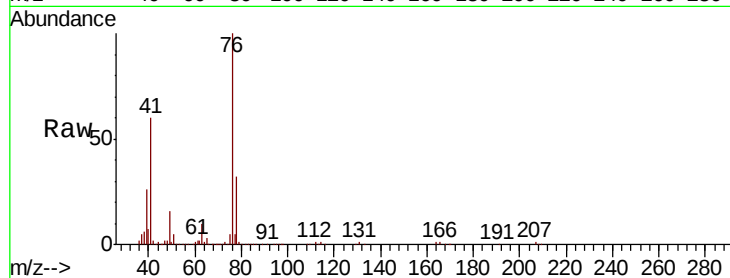
VSTDIC020

Tgt Ion: 76 Resp: 89440

Ion Ratio Lower Upper

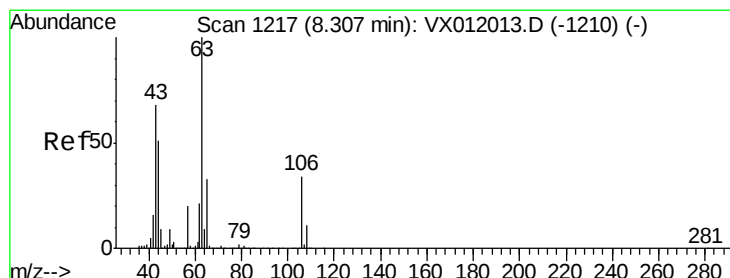
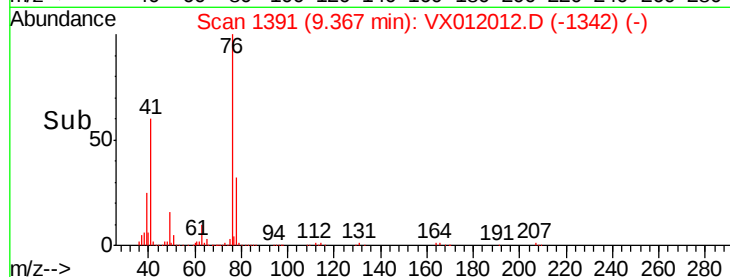
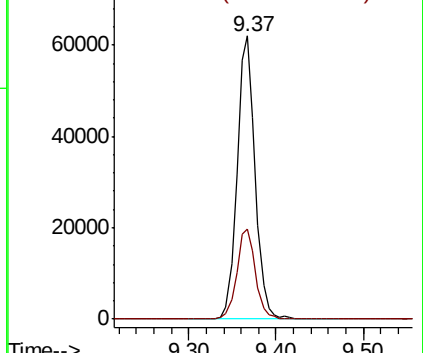
76 100

78 33.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 79.121 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012012.D

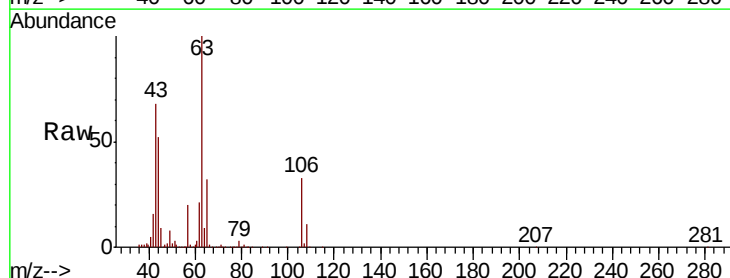
Acq: 02 Sep 2019 13:21

Tgt Ion: 63 Resp: 156836

Ion Ratio Lower Upper

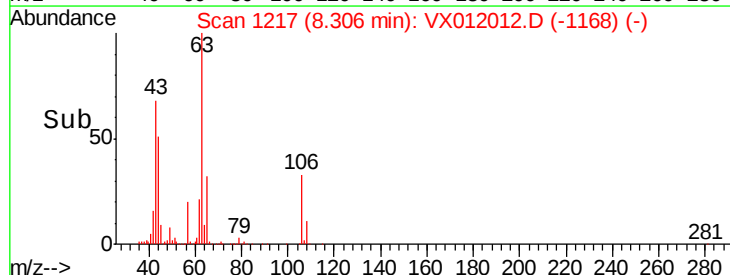
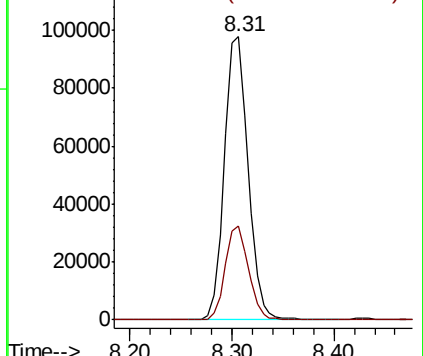
63 100

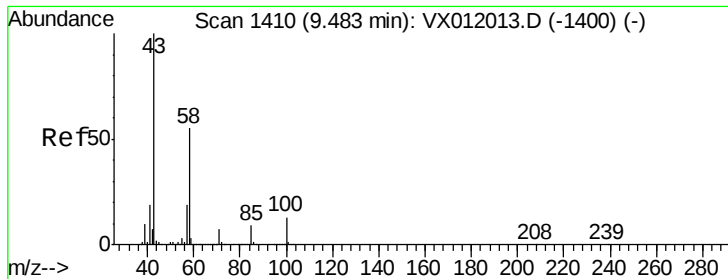
106 32.7 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

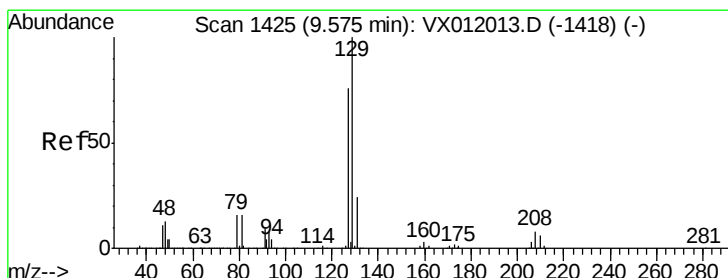
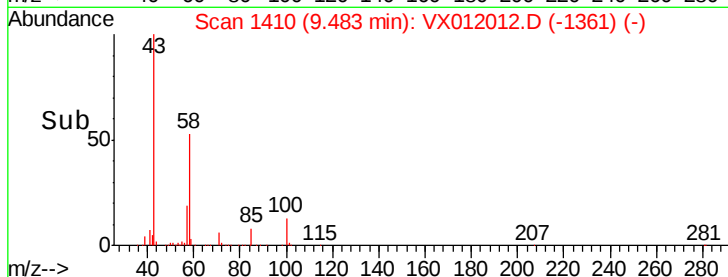
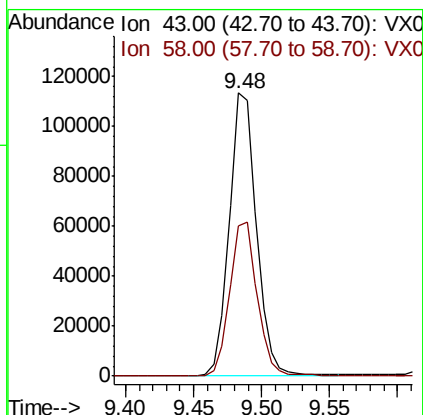
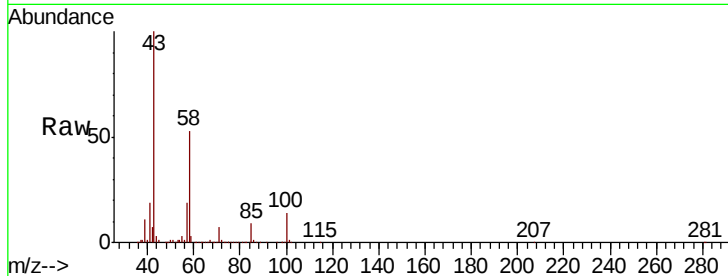




#59
2-Hexanone
Concen: 81.675 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

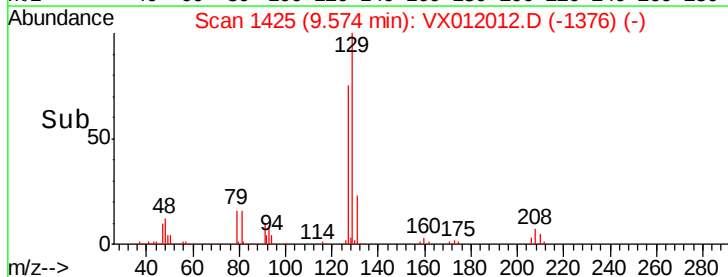
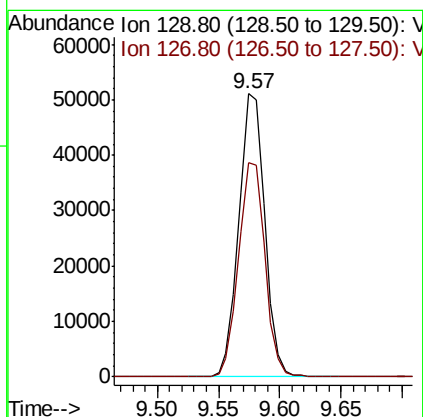
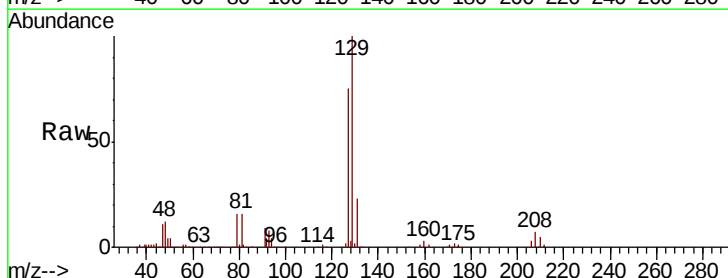
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

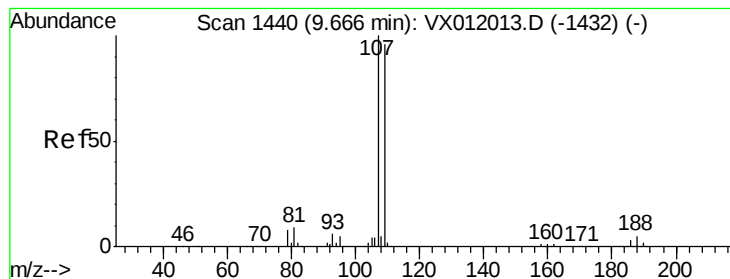
Tgt Ion: 43 Resp: 157721
Ion Ratio Lower Upper
43 100
58 55.4 27.2 81.6



#60
Dibromochloromethane
Concen: 18.175 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 129 Resp: 75090
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 17.418 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

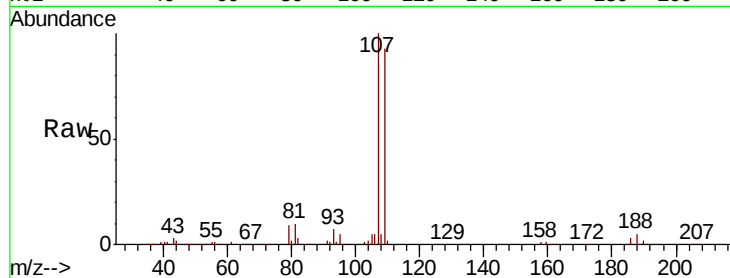
VSTDIC020

Tgt Ion: 107 Resp: 52995

Ion Ratio Lower Upper

107 100

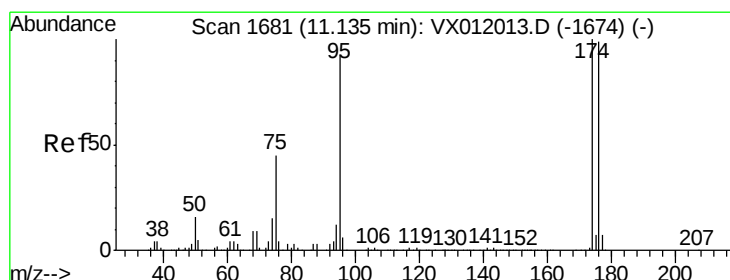
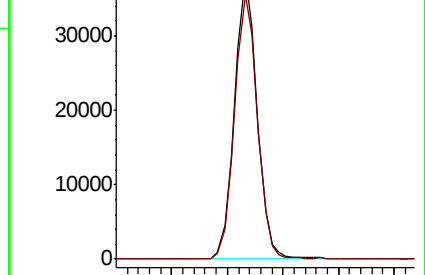
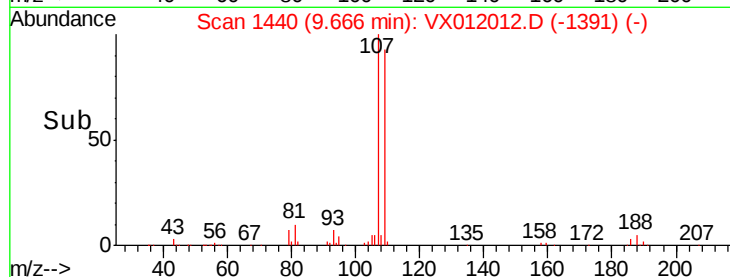
109 95.2 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



#62

4-Bromofluorobenzene

Concen: 20.033 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

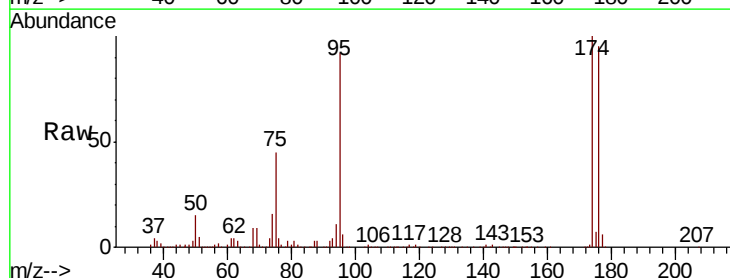
Tgt Ion: 95 Resp: 116870

Ion Ratio Lower Upper

95 100

174 104.2 0.0 205.4

176 99.4 0.0 201.8

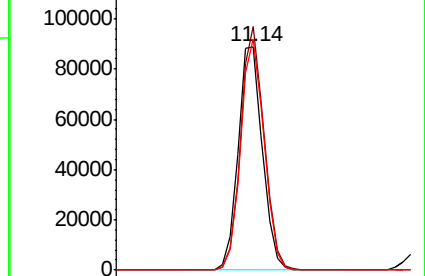
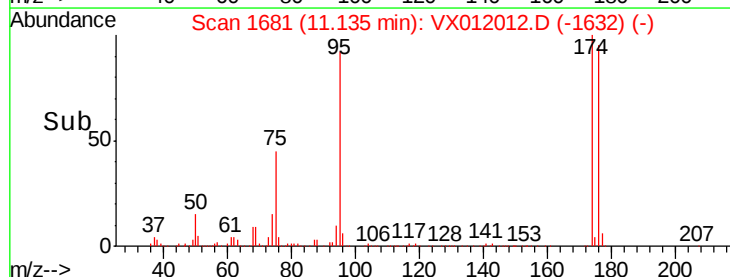


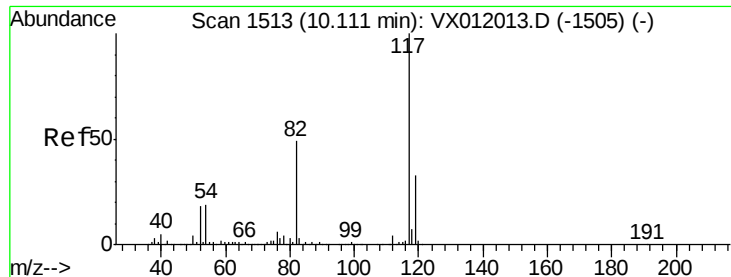
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

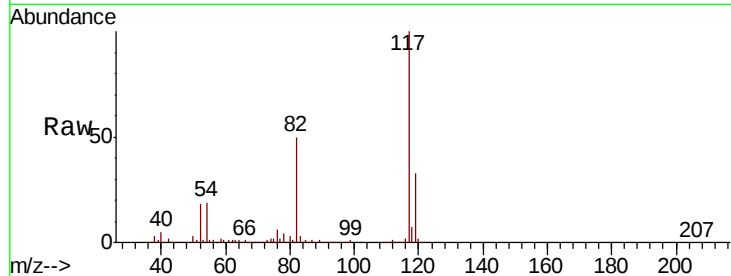




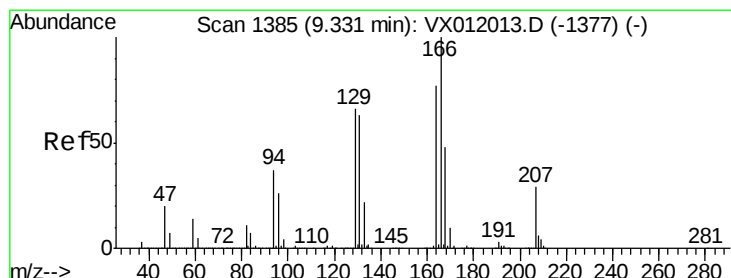
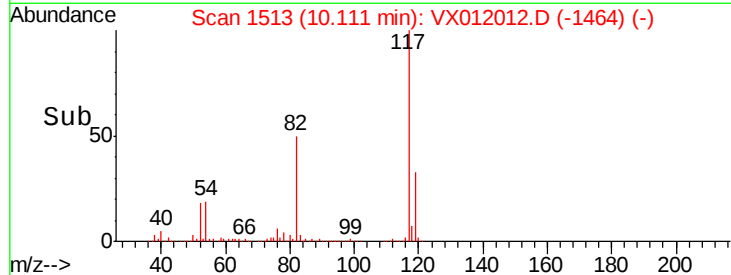
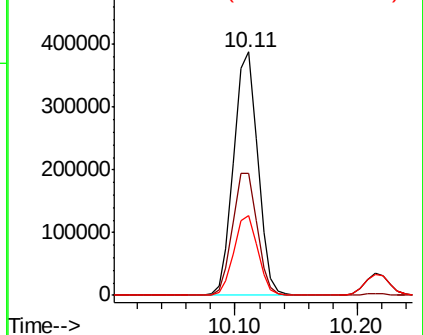
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 529350
Ion Ratio Lower Upper
117 100
82 50.2 39.4 59.0
119 32.6 26.1 39.1

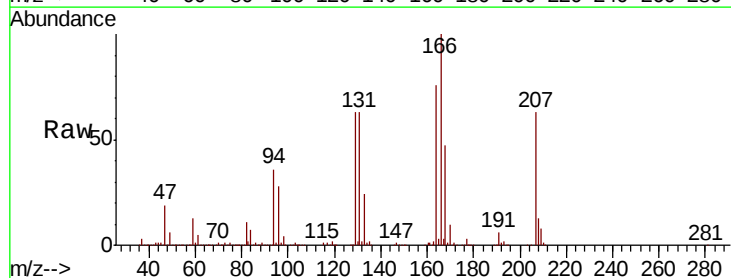


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

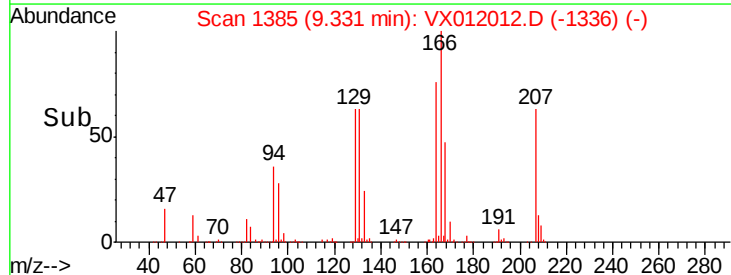
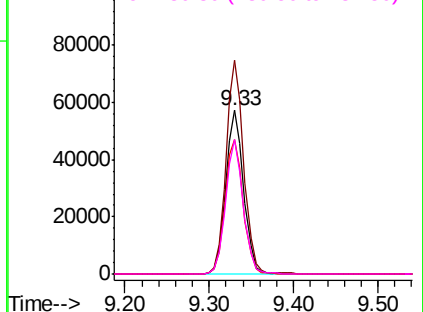


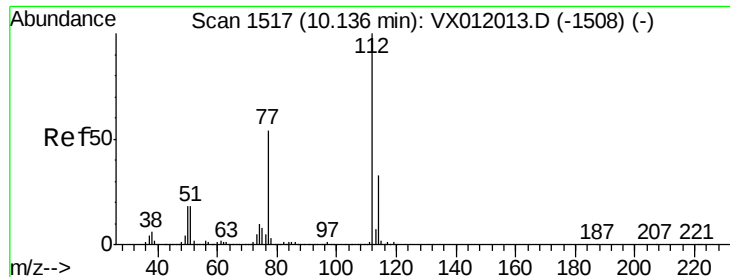
#64
Tetrachloroethene
Concen: 19.280 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion:164 Resp: 82407
Ion Ratio Lower Upper
164 100
166 130.8 104.3 156.5
129 82.2 68.3 102.5
131 82.1 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

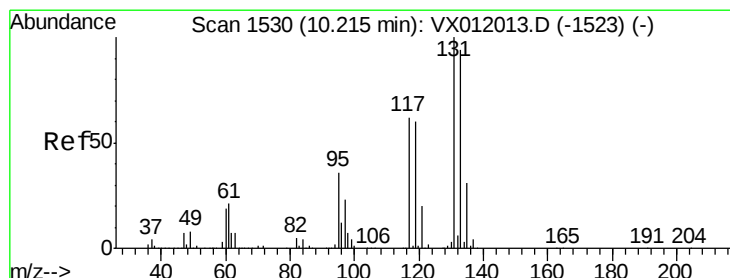
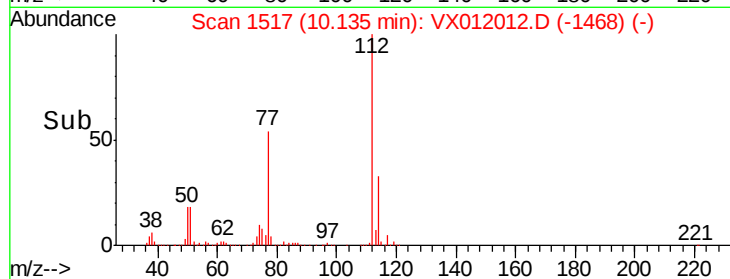
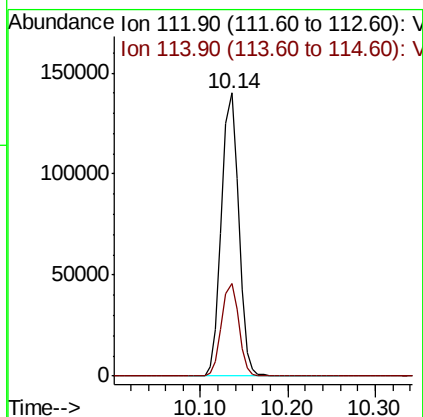
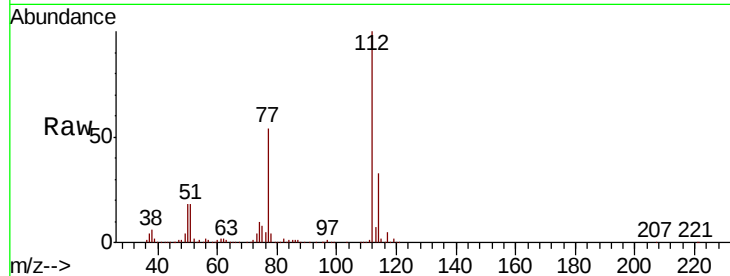




#65
Chlorobenzene
Concen: 18.799 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

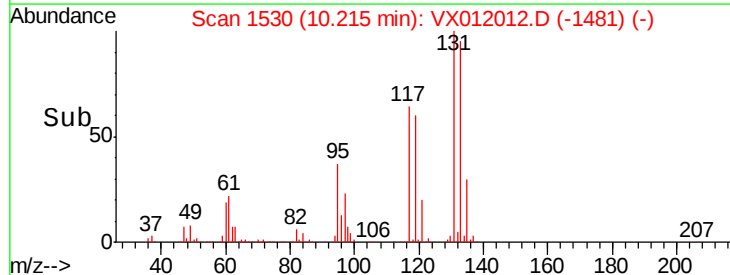
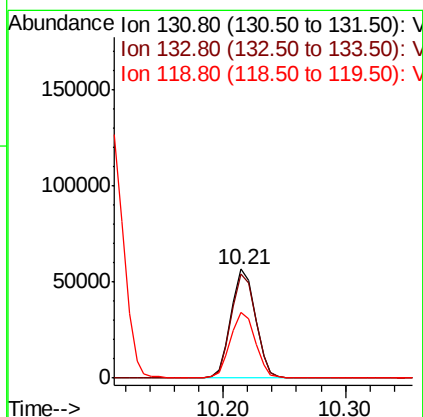
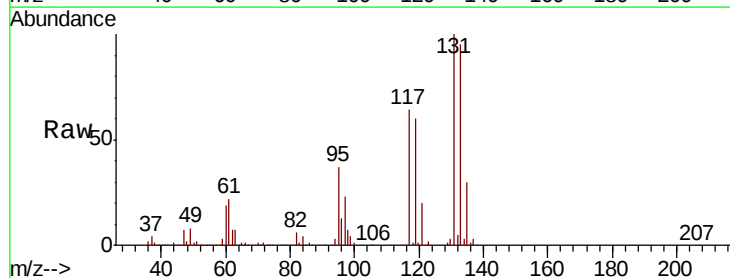
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

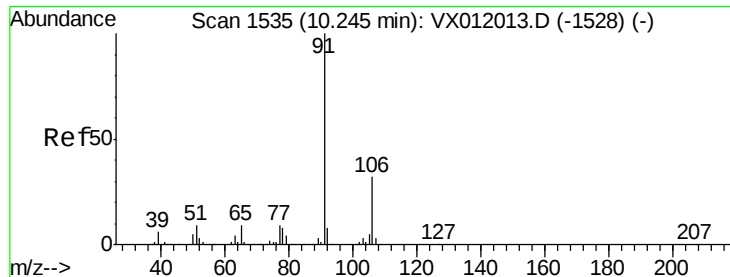
Tgt Ion:112 Resp: 191886
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.145 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion:131 Resp: 78856
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 60.8 30.5 91.5

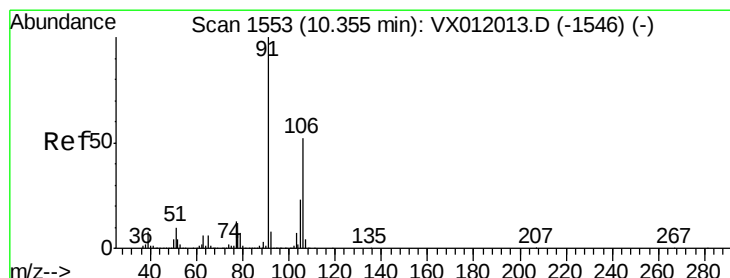
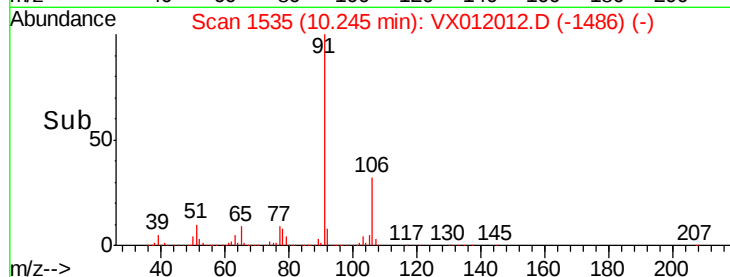
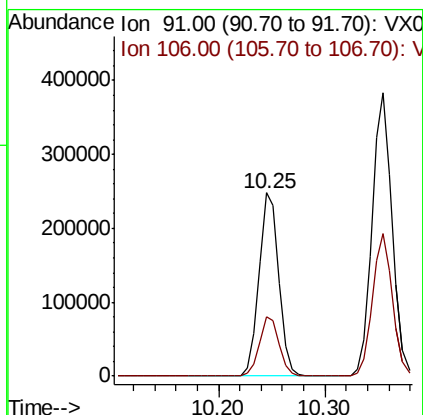
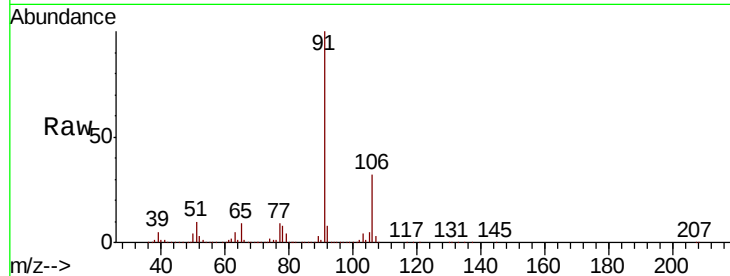




#67
Ethyl Benzene
Concen: 18.750 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

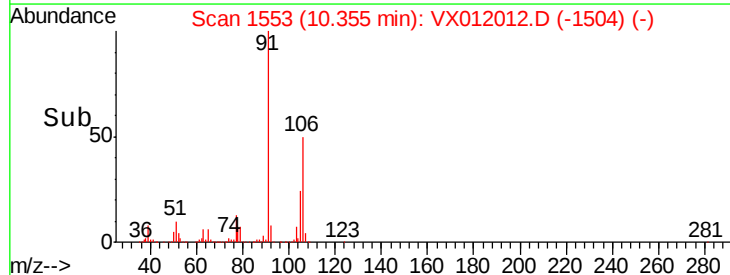
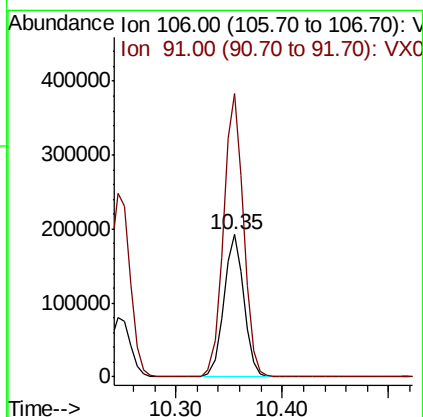
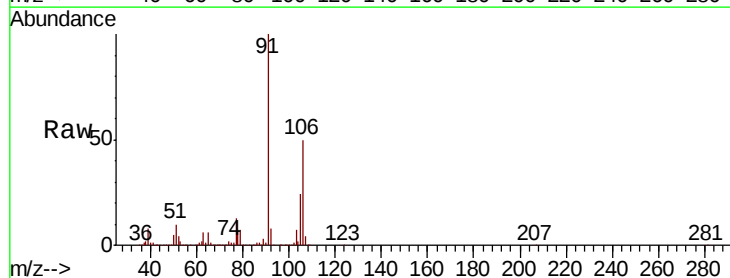
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

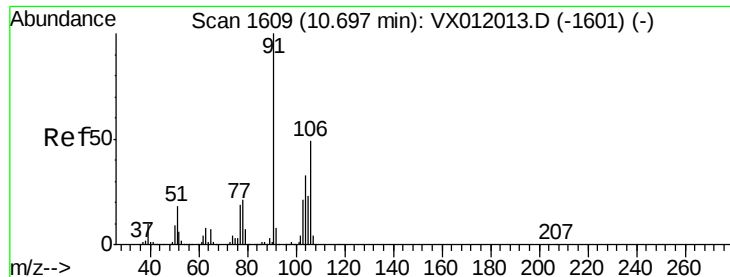
Tgt Ion: 91 Resp: 325118
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8



#68
m/p-Xylenes
Concen: 37.702 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion: 106 Resp: 252790
Ion Ratio Lower Upper
106 100
91 198.8 157.5 236.3

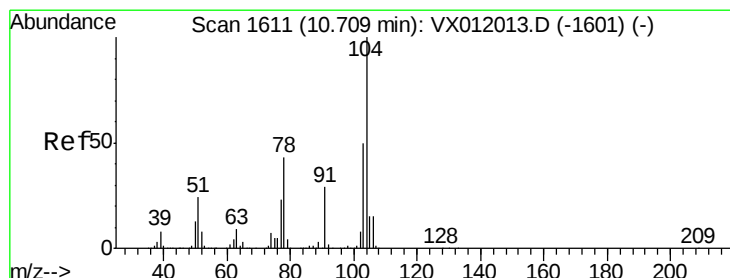
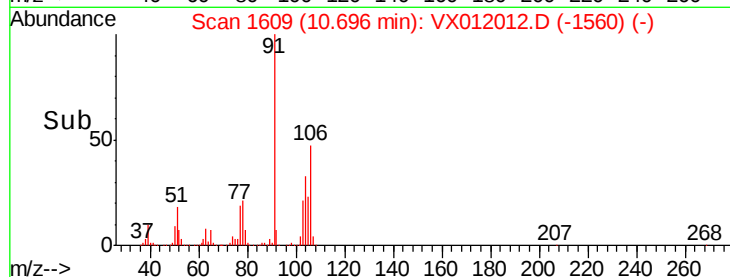
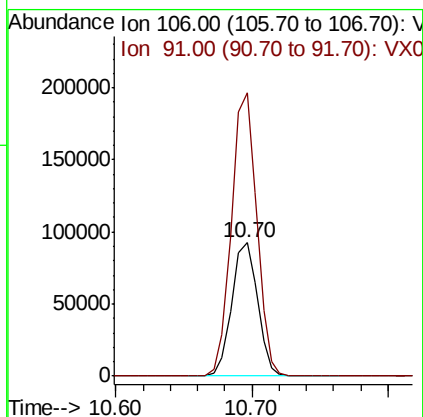
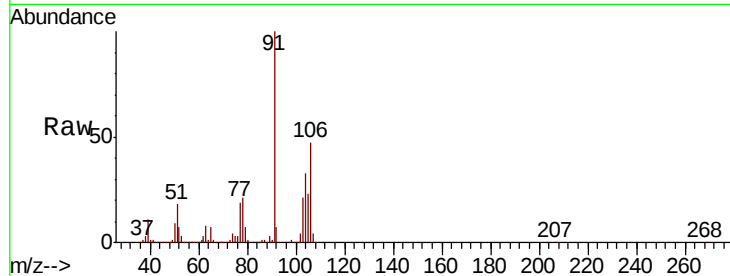




#69
o-Xylene
Concen: 18.784 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

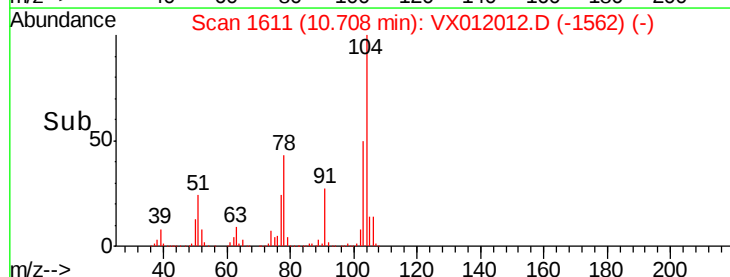
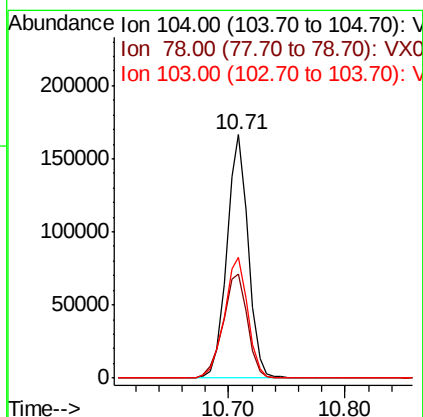
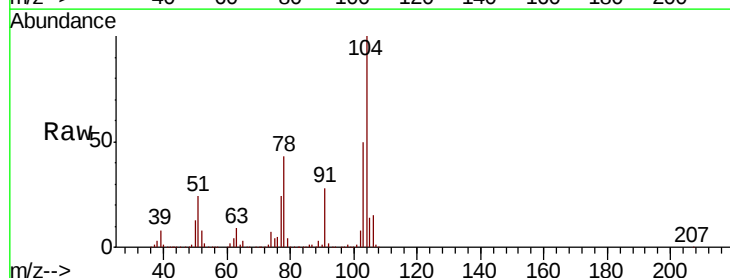
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

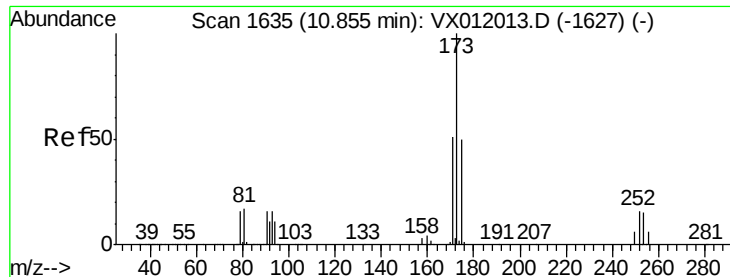
Tgt Ion:106 Resp: 122560
Ion Ratio Lower Upper
106 100
91 208.3 103.5 310.3



#70
Styrene
Concen: 18.465 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion:104 Resp: 211442
Ion Ratio Lower Upper
104 100
78 48.8 39.1 58.7
103 54.4 43.4 65.2





#71

Bromoform

Concen: 18.374 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

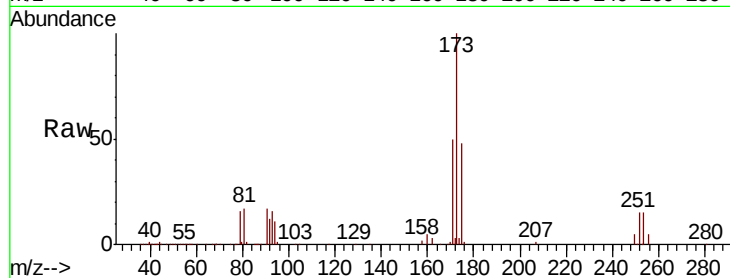
Tgt Ion:173 Resp: 53498

Ion Ratio Lower Upper

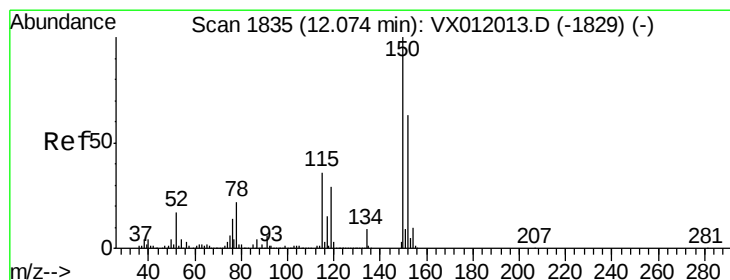
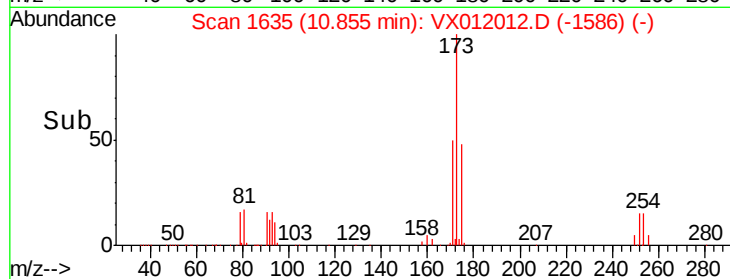
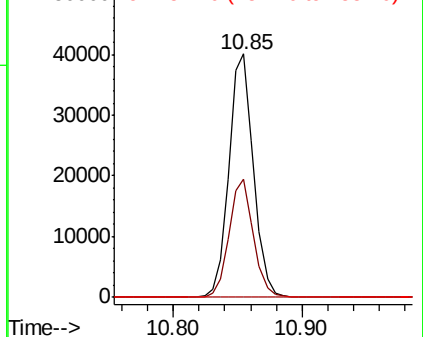
173 100

175 47.9 24.9 74.7

254 0.1 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: VX012012.D

Acq: 02 Sep 2019 13:21

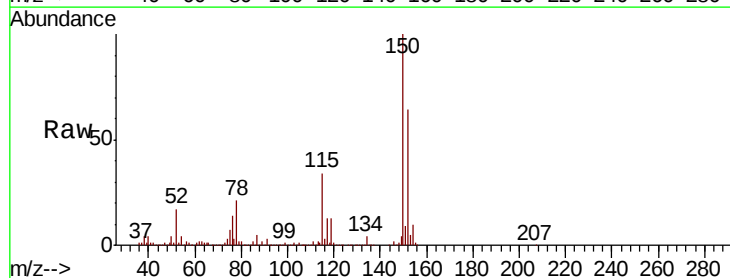
Tgt Ion:152 Resp: 306776

Ion Ratio Lower Upper

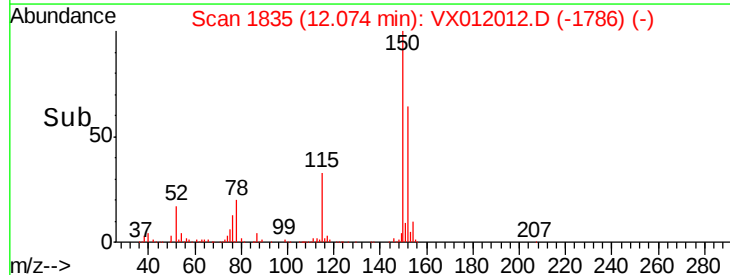
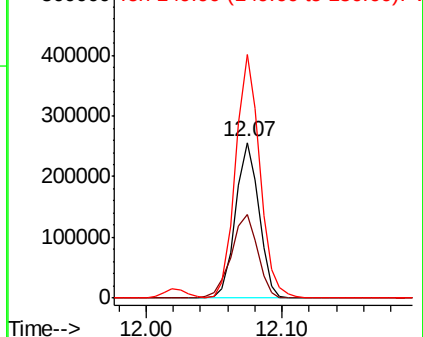
152 100

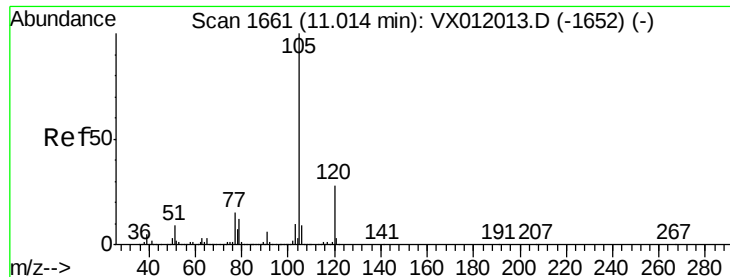
115 60.8 36.4 109.3

150 162.3 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: 19.380 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

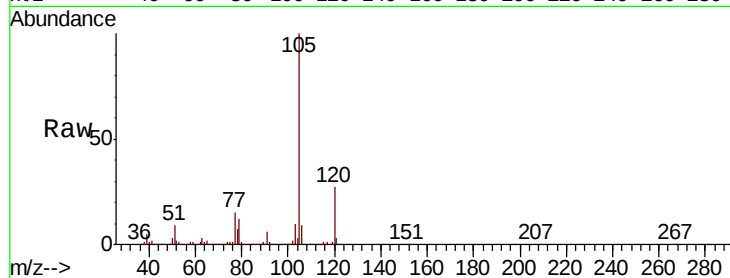
VSTDIC020

Tgt Ion: 105 Resp: 341106

Ion Ratio Lower Upper

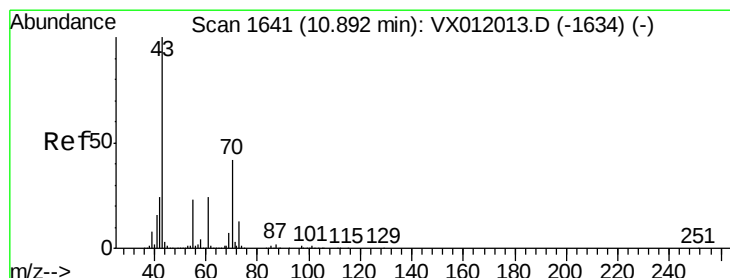
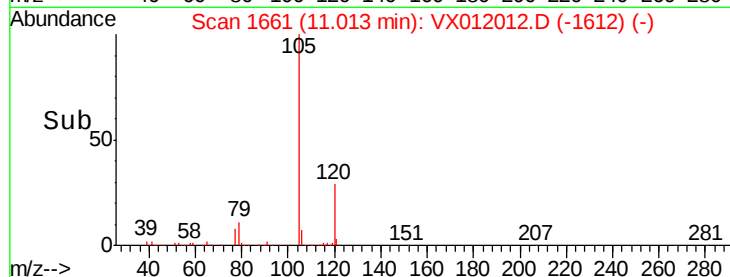
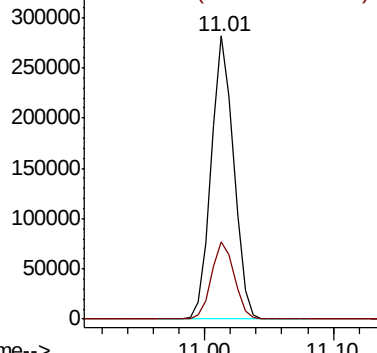
105 100

120 27.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.871 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Tgt Ion: 43 Resp: 86128

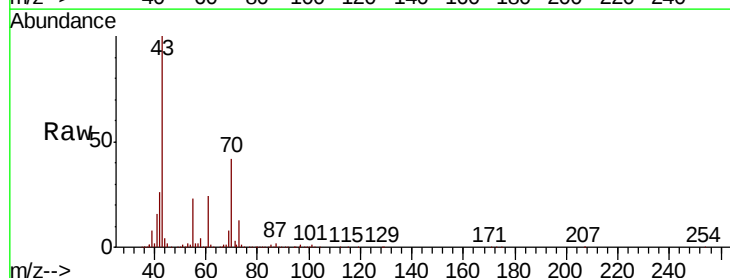
Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 23.0 18.5 27.7

61 23.9 19.5 29.3

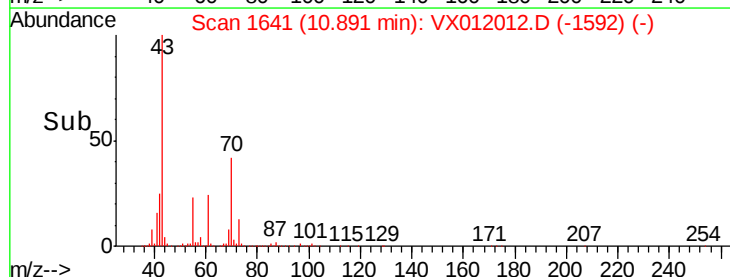
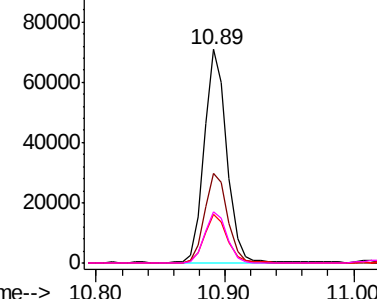


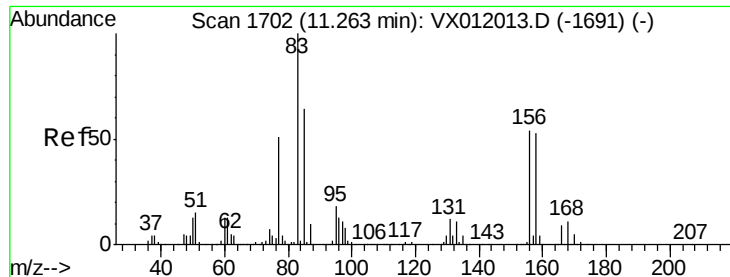
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 17.695 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

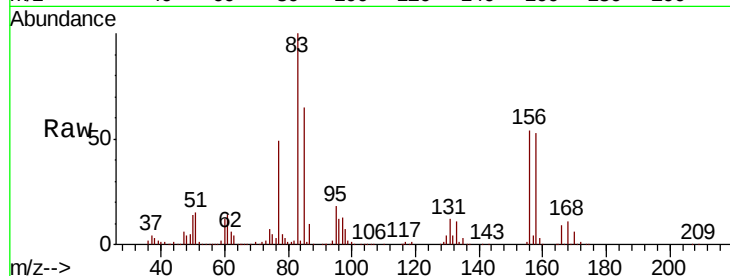
Tgt Ion: 83 Resp: 62647

Ion Ratio Lower Upper

83 100

131 12.5 6.3 19.1

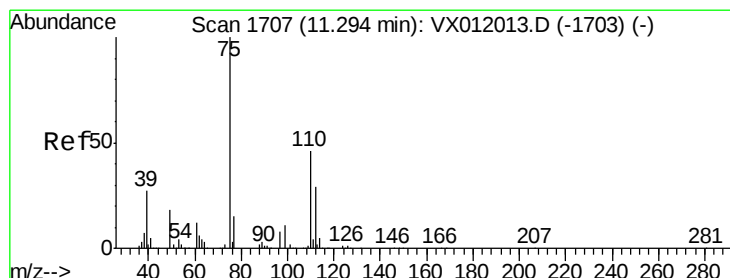
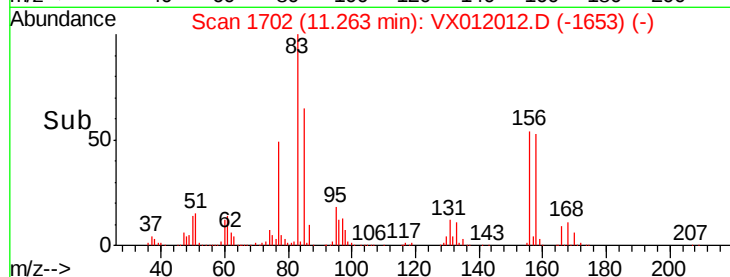
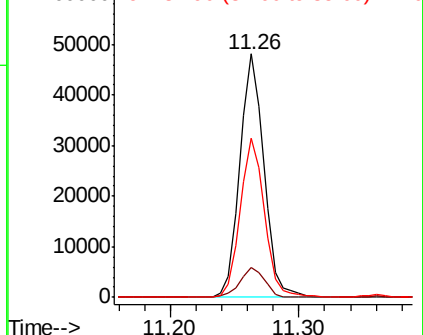
85 65.4 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.500 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012012.D

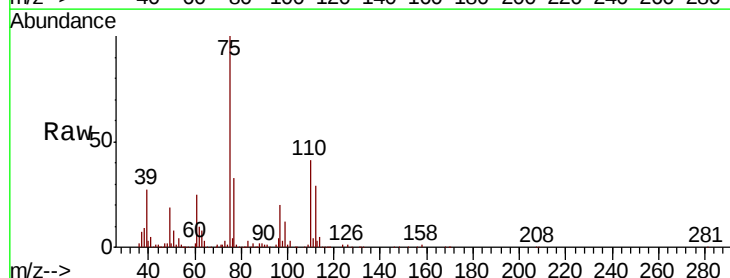
Acq: 02 Sep 2019 13:21

Tgt Ion: 75 Resp: 68245

Ion Ratio Lower Upper

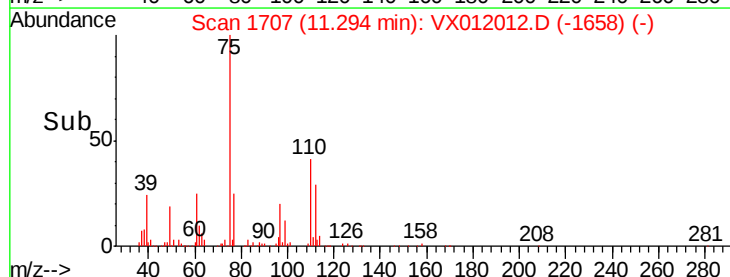
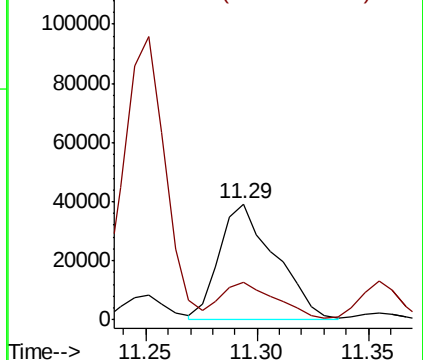
75 100

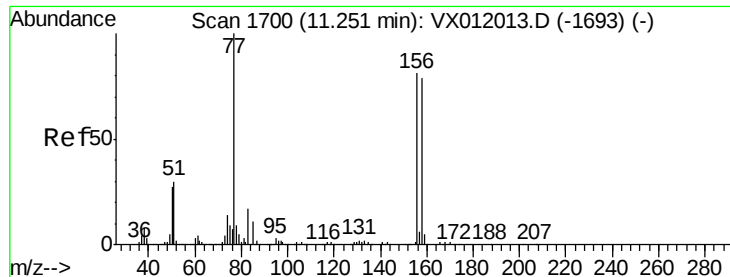
77 32.3 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.206 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

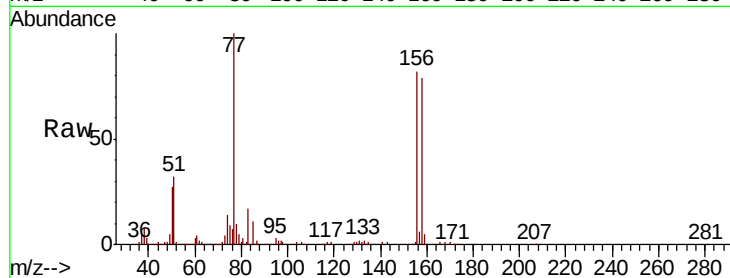
Tgt Ion:156 Resp: 98070

Ion Ratio Lower Upper

156 100

77 126.1 63.4 190.2

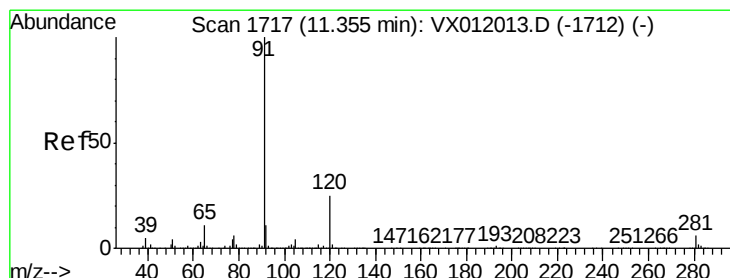
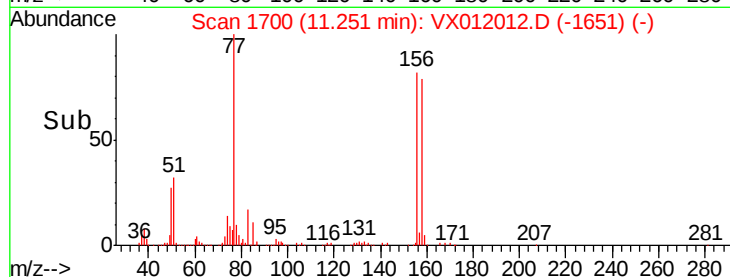
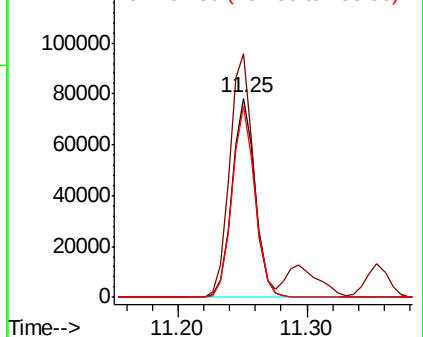
158 95.6 48.9 146.6



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: 19.206 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012012.D

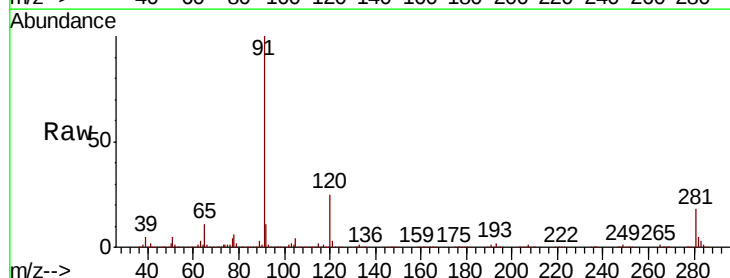
Acq: 02 Sep 2019 13:21

Tgt Ion: 91 Resp: 381964

Ion Ratio Lower Upper

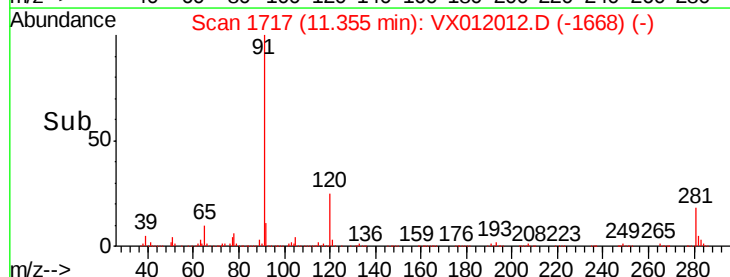
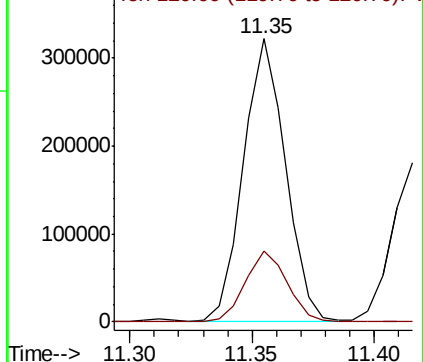
91 100

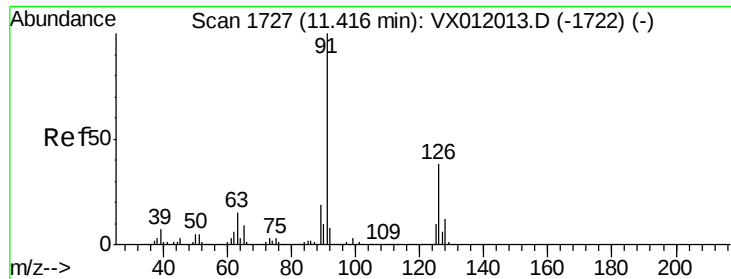
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

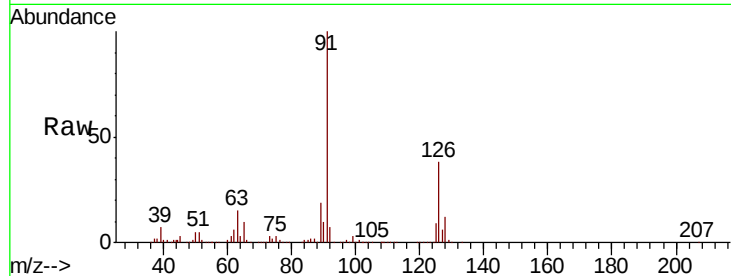




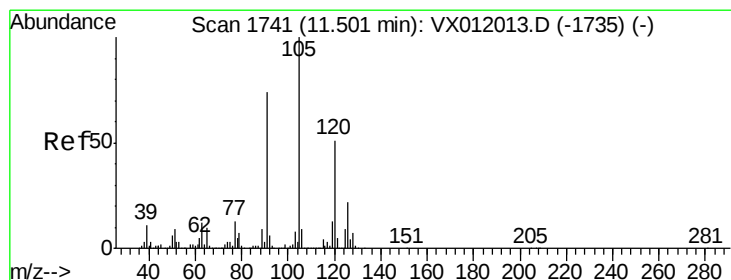
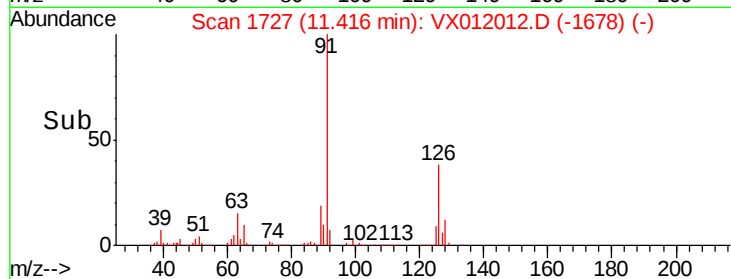
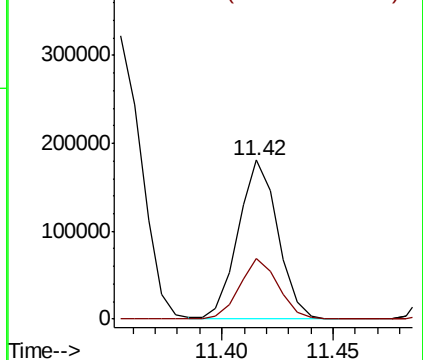
#79
 2-Chlorotoluene
 Concen: 18.719 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 91 Resp: 223481
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.6 55.8

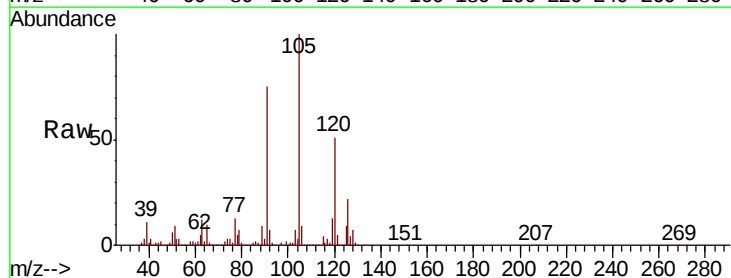


Abundance Ion 91.00 (90.70 to 91.70): VX012012.D (-1678) (-)
 Ion 125.90 (125.60 to 126.60): VX012012.D (-1678) (-)

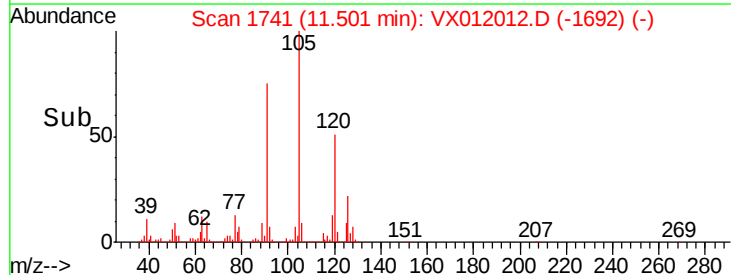
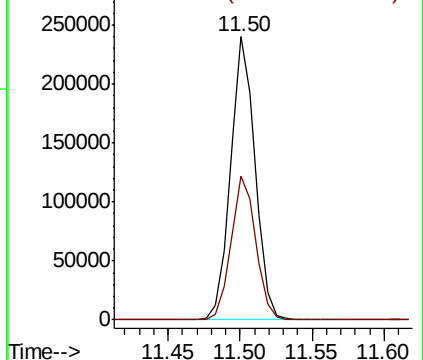


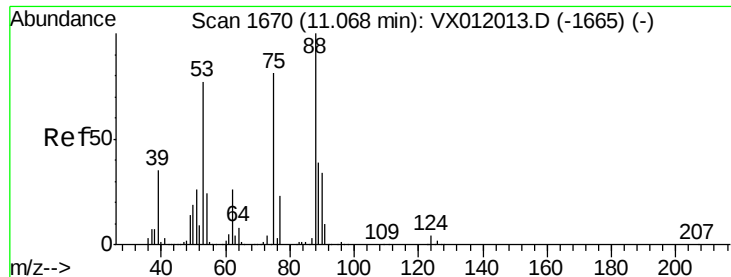
#80
 1,3,5-Trimethylbenzene
 Concen: 18.942 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion: 105 Resp: 286506
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): VX012012.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX012012.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.234 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

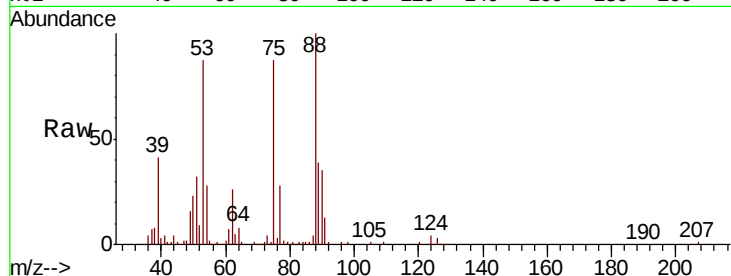
Tgt Ion: 75 Resp: 20326

Ion Ratio Lower Upper

75 100

53 100.0 78.6 117.8

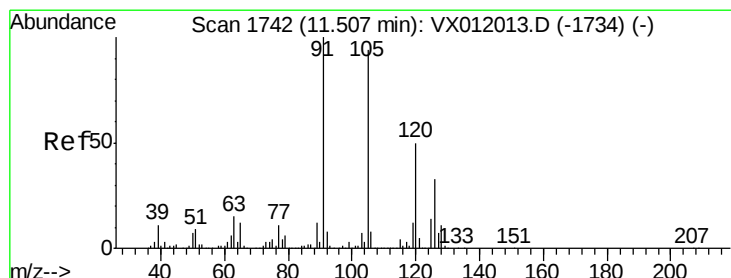
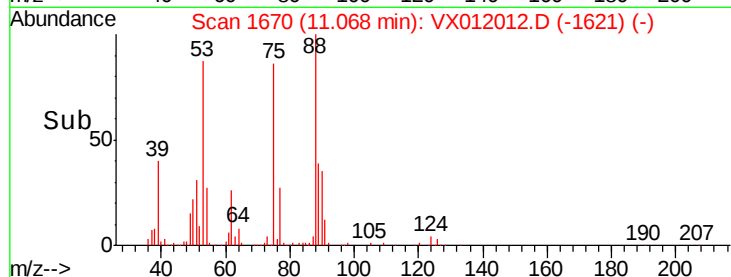
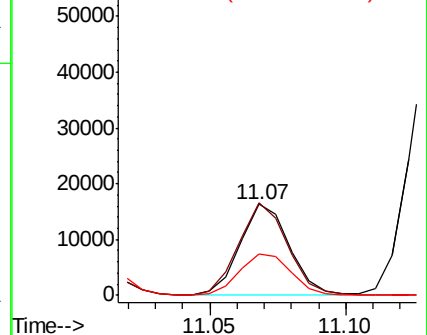
89 48.0 38.8 58.2



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: 18.693 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012012.D

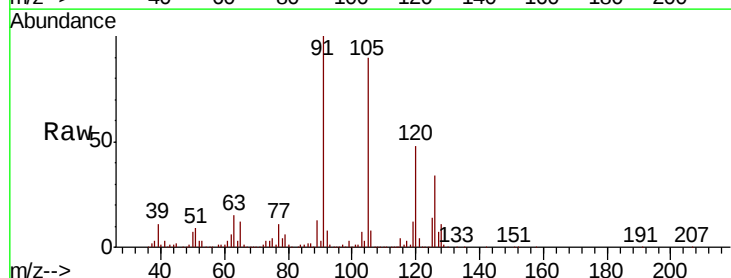
Acq: 02 Sep 2019 13:21

Tgt Ion: 91 Resp: 268923

Ion Ratio Lower Upper

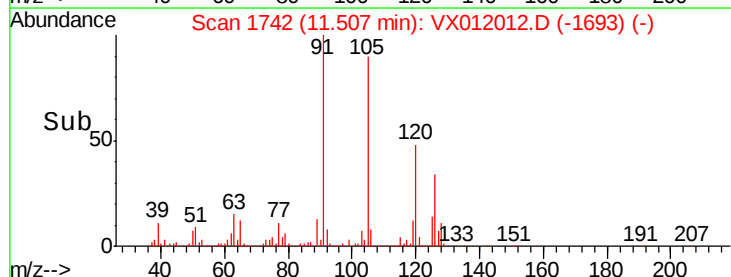
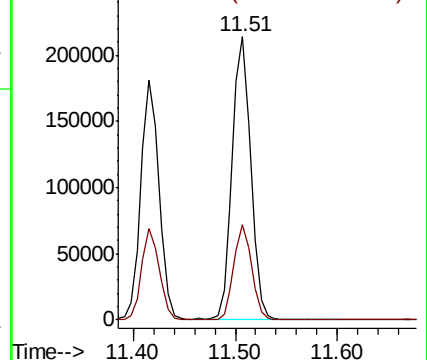
91 100

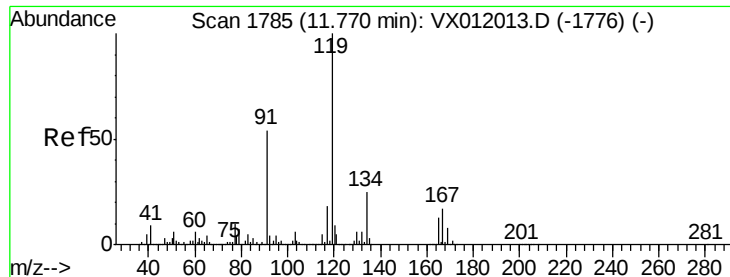
126 32.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

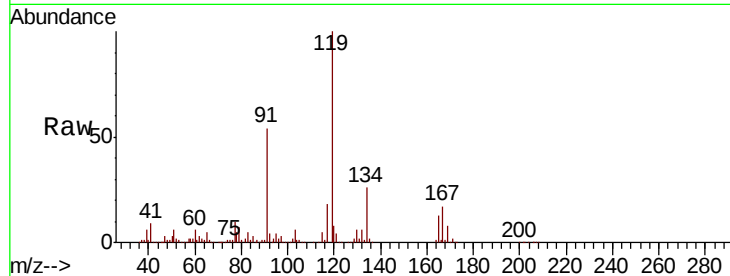




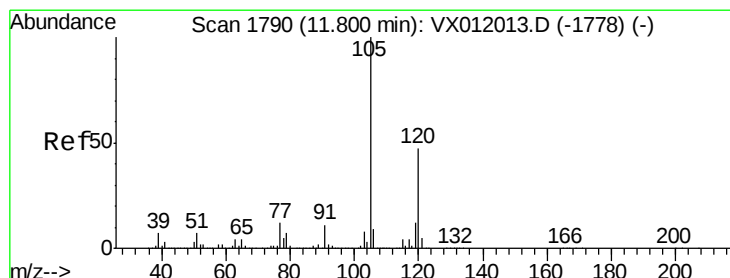
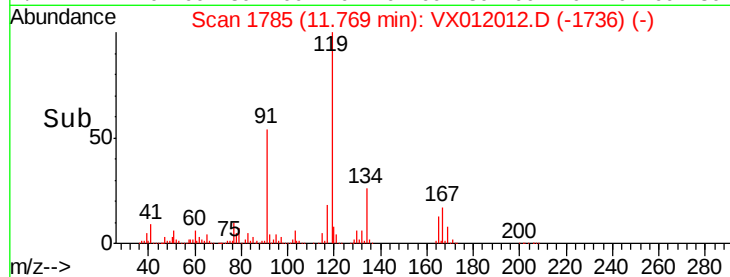
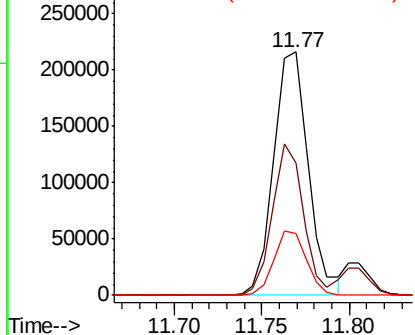
#83
 tert-Butylbenzene
 Concen: 19.464 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.4	27.1	81.2
134	24.9	12.1	36.3

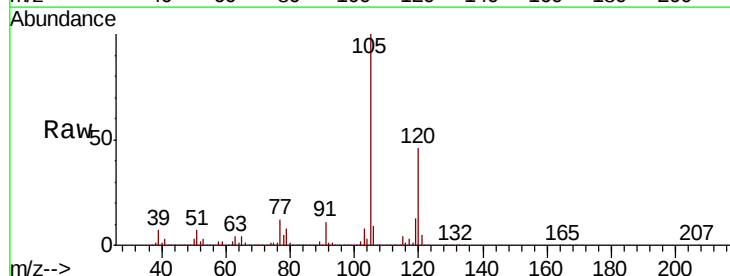


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

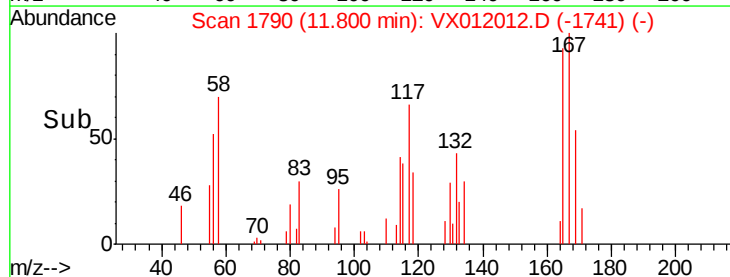
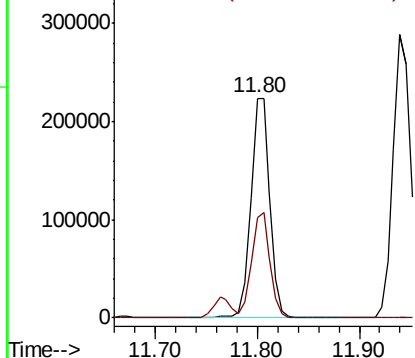


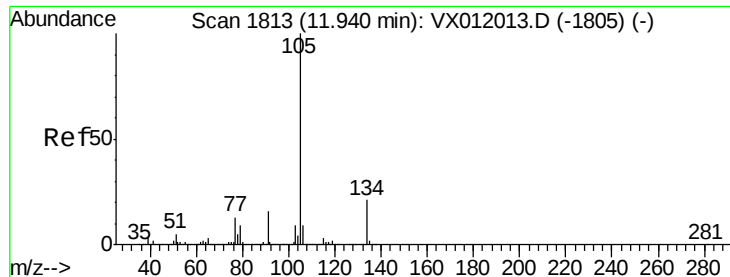
#84
 1,2,4-Trimethylbenzene
 Concen: 18.759 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.6	70.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

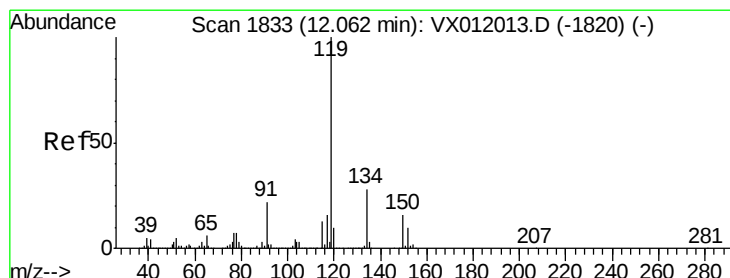
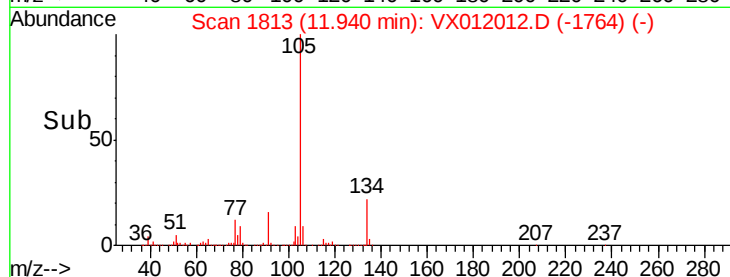
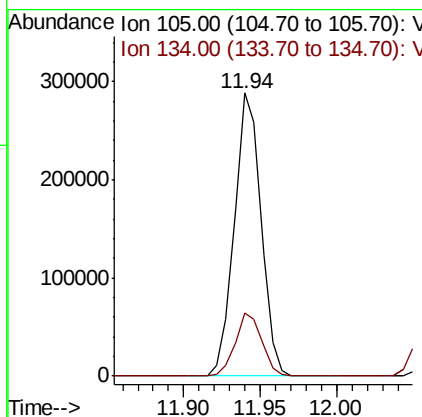
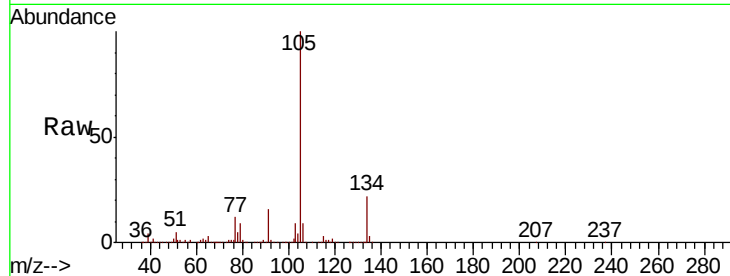




#85
 sec-Butylbenzene
 Concen: 19.526 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

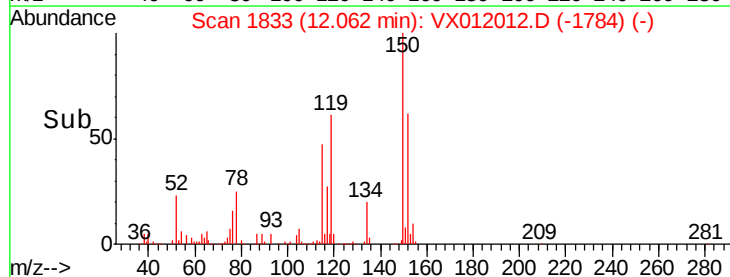
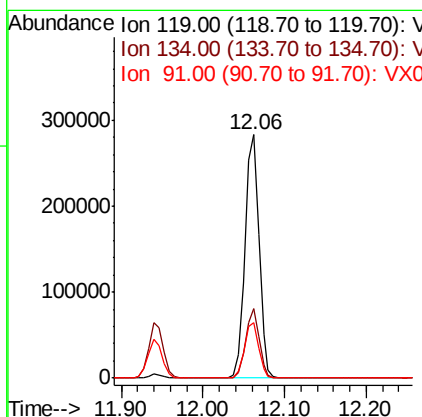
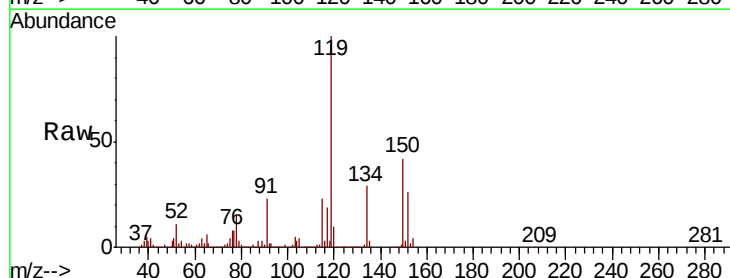
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

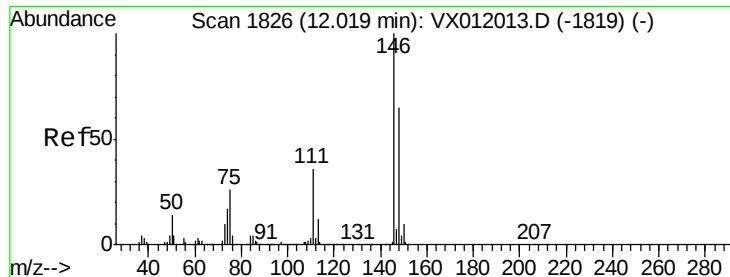
Tgt Ion:105 Resp: 348830
 Ion Ratio Lower Upper
 105 100
 134 22.3 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 19.204 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion:119 Resp: 333020
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.7 41.1
 91 23.1 11.4 34.1

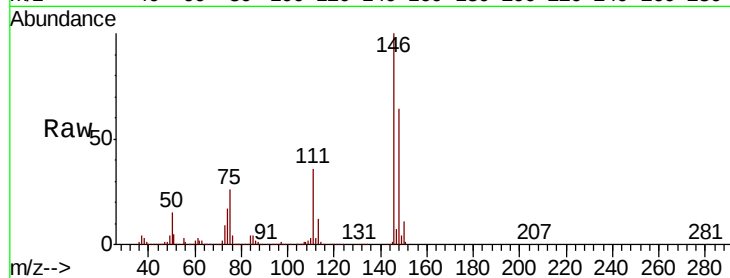




#87
 1,3-Dichlorobenzene
 Concen: 19.180 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.1
148	64.4	32.6	97.8

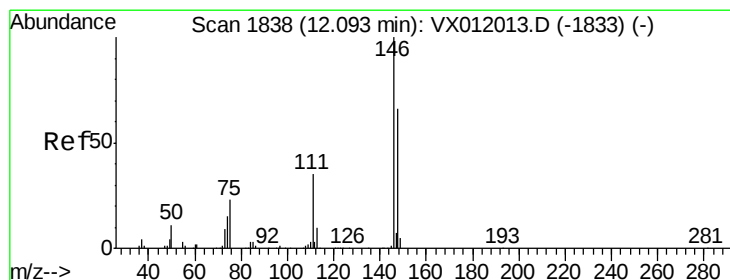
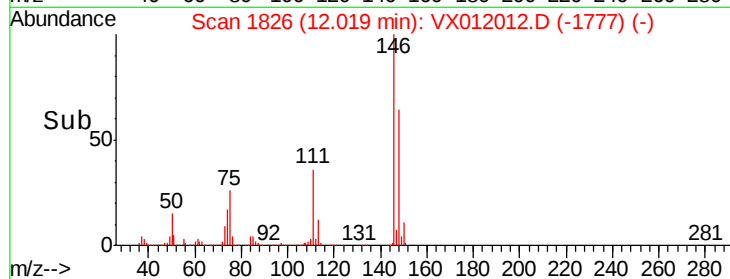
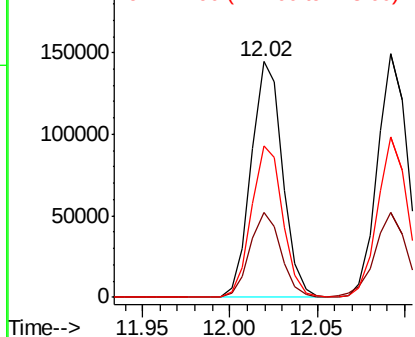


Abundance

Ion 145.90 (145.60 to 146.60): V

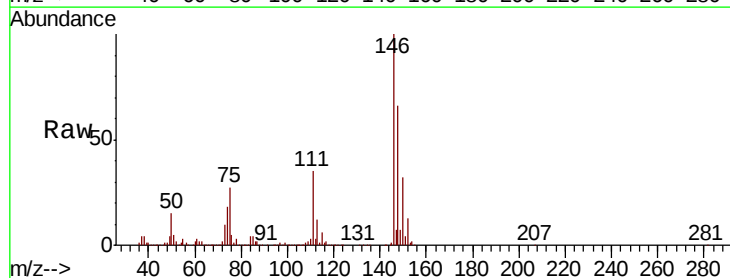
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 18.735 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.7	53.1
148	65.8	32.4	97.0

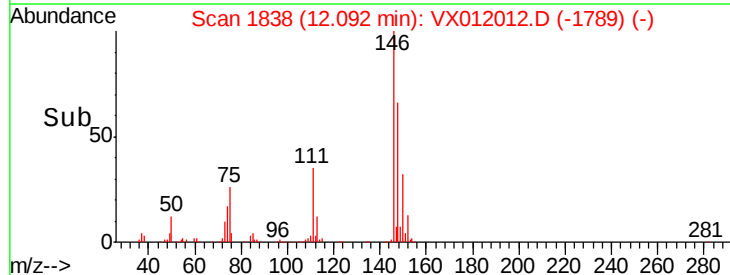
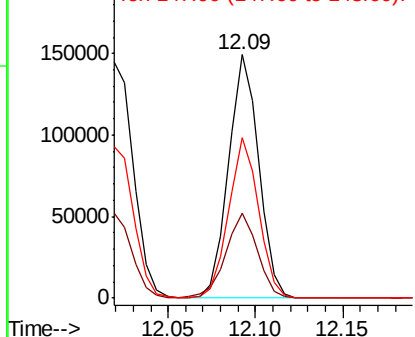


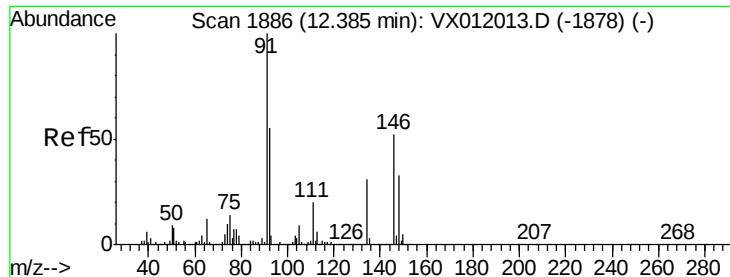
Abundance

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





#89

n-Butylbenzene

Concen: 18.968 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012012.D

Acq: 02 Sep 2019 13:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

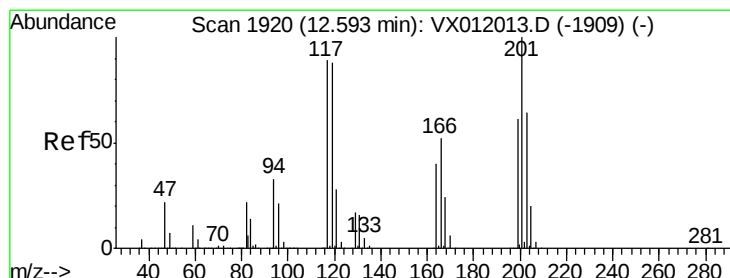
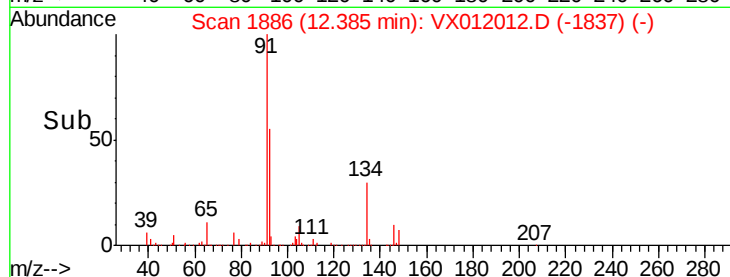
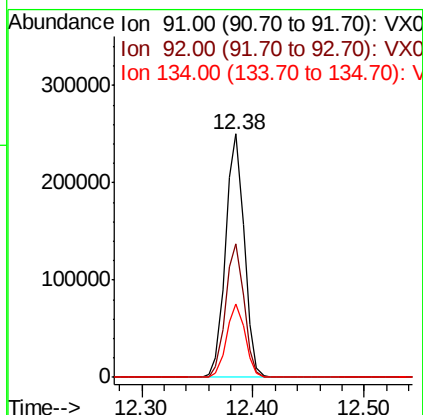
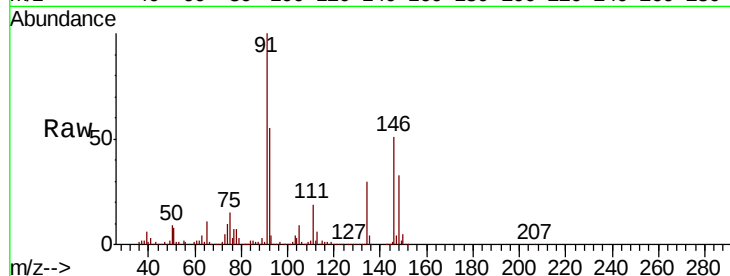
Tgt Ion: 91 Resp: 290286

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.8

134 30.2 15.4 46.1



#90

Hexachloroethane

Concen: 18.671 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012012.D

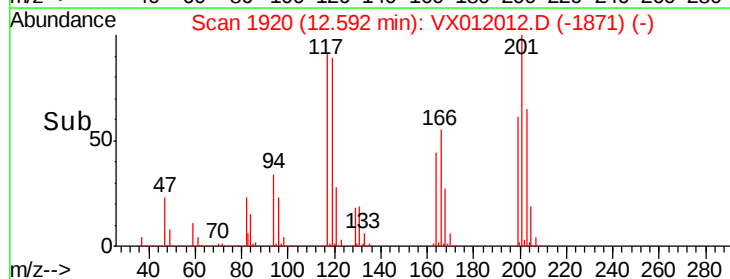
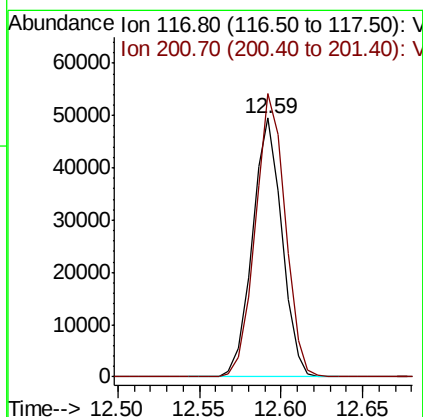
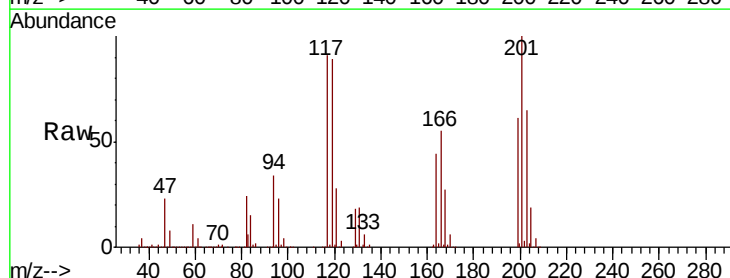
Acq: 02 Sep 2019 13:21

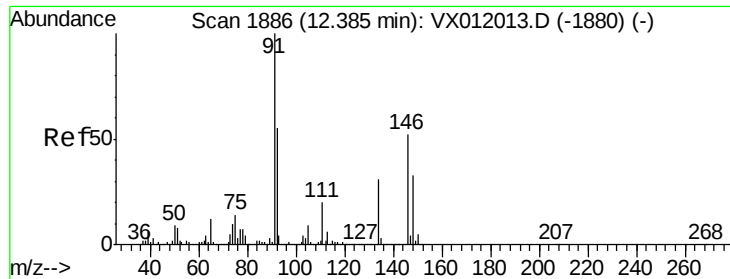
Tgt Ion: 117 Resp: 62578

Ion Ratio Lower Upper

117 100

201 110.1 55.0 165.2

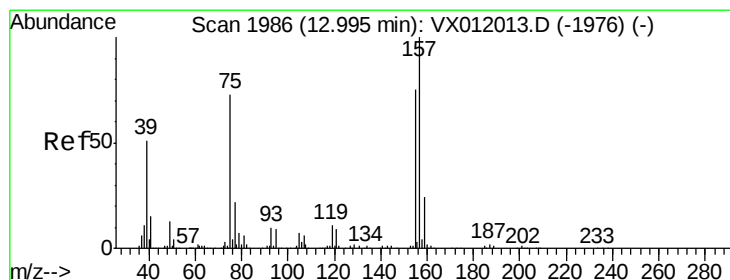
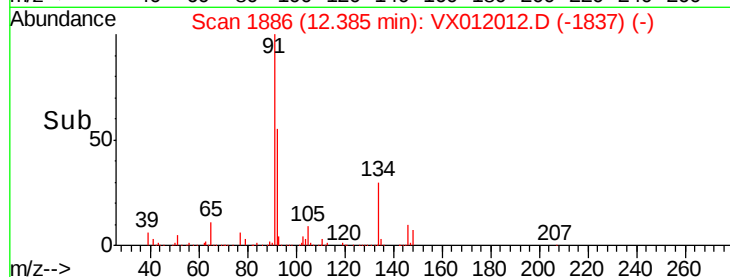
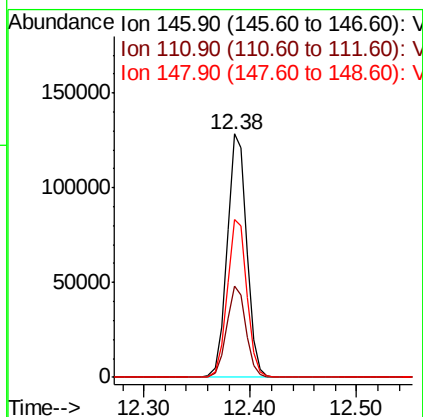
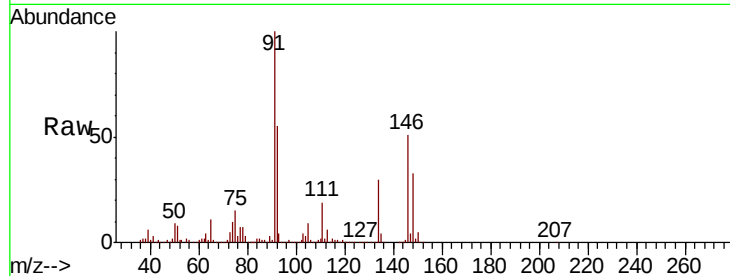




#91
 1,2-Dichlorobenzene
 Concen: 18.790 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

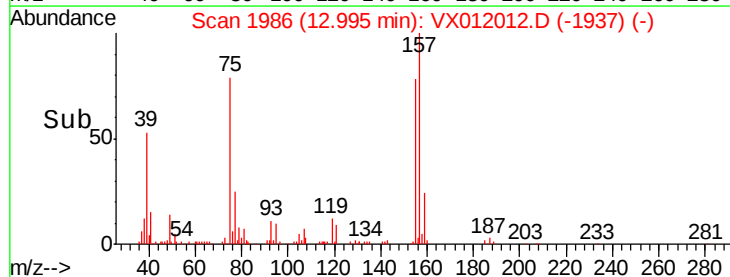
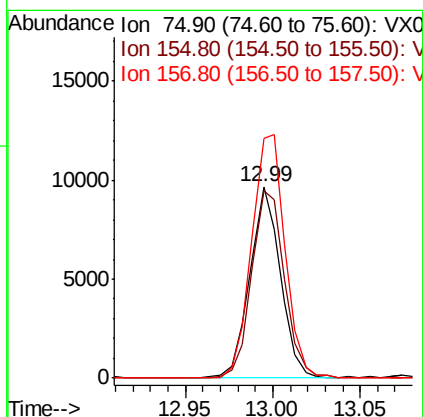
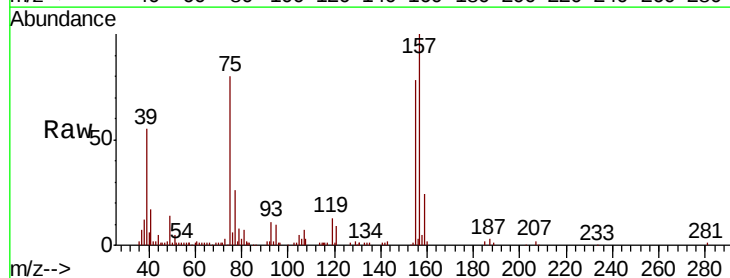
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

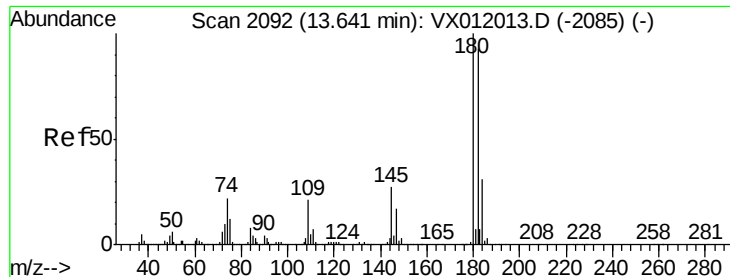
Tgt Ion:146 Resp: 165087
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 56.0
 148 65.0 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.765 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion: 75 Resp: 11815
 Ion Ratio Lower Upper
 75 100
 155 105.3 51.7 155.2
 157 138.8 66.9 200.7

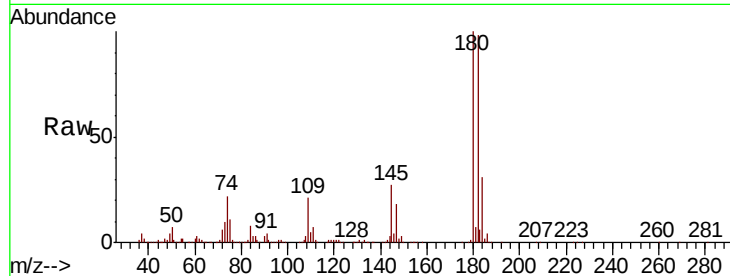




#93
 1,2,4-Trichlorobenzene
 Concen: 18.348 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	142.0
145	26.6	13.7	41.0

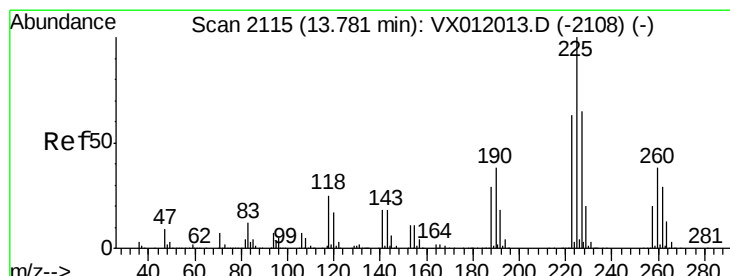
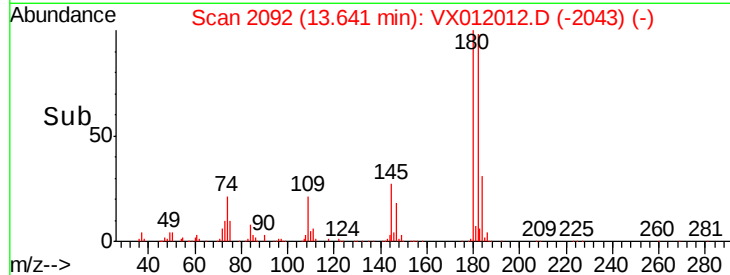
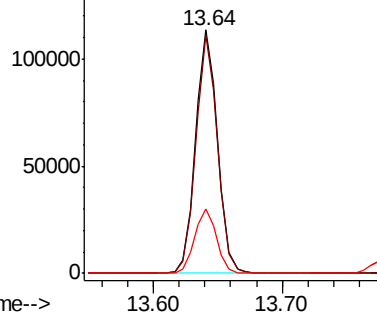


Abundance

Ion 179.80 (179.50 to 180.50): V

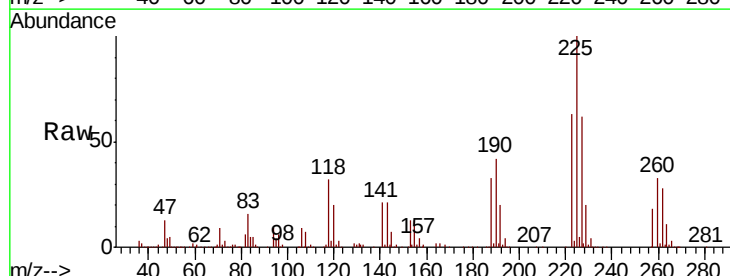
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.887 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012012.D
 Acq: 02 Sep 2019 13:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	95.0
227	63.2	32.5	97.5

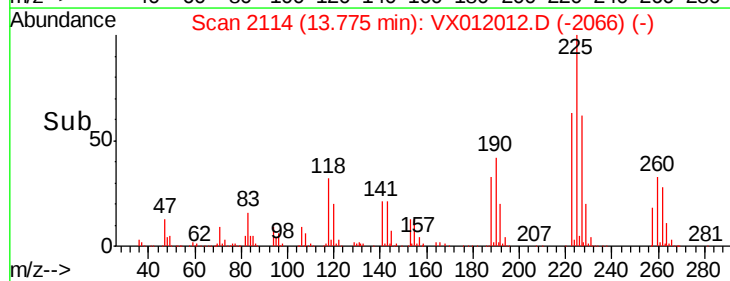
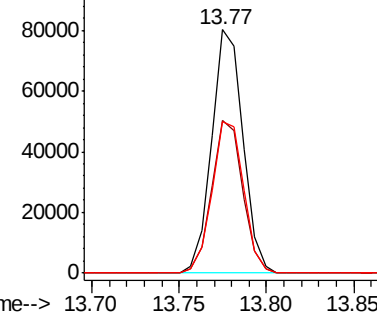


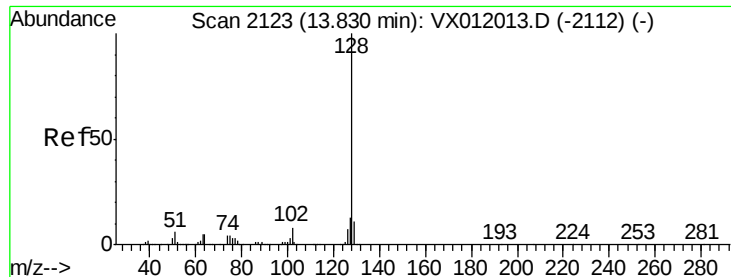
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

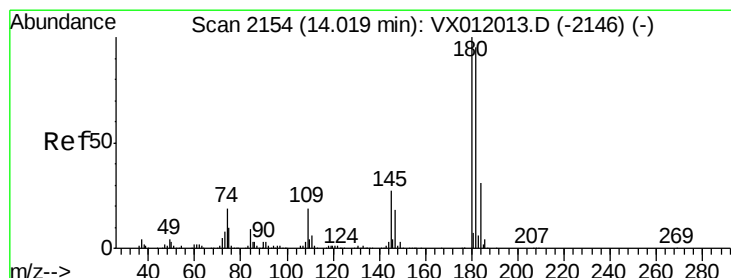
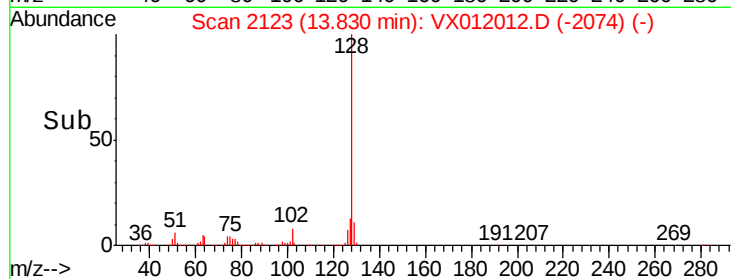
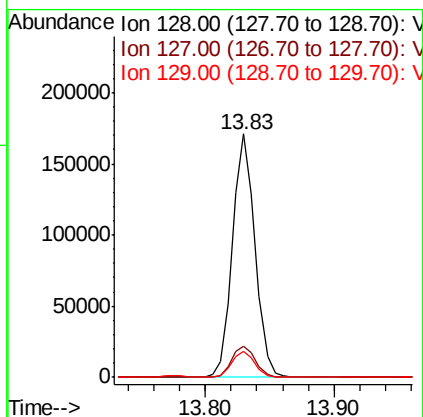
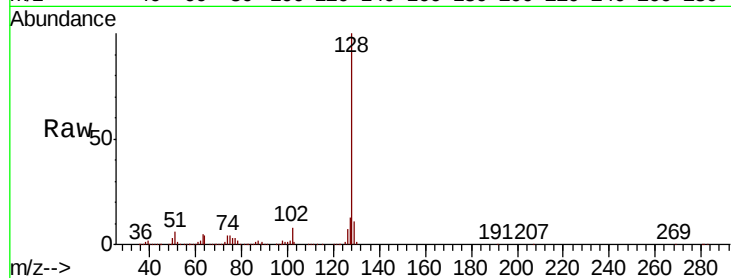




#95
Naphthalene
Concen: 16.724 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 209412
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.664 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012012.D
Acq: 02 Sep 2019 13:21

Tgt Ion:180 Resp: 118166
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.6
145 29.6 14.1 42.4

