

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
 Data File : VX012010.D
 Acq On : 02 Sep 2019 12:27
 Operator : SY/SP
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 03 04:44:49 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	424704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	553891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	512260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	20085	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	
35) Dibromofluoromethane	5.48	113	18268	5.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.22%	
50) Toluene-d8	8.71	98	71337	5.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.16%	
62) 4-Bromofluorobenzene	11.14	95	29343	5.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.50%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	11855	4.592 ug/l	99
3) Chloromethane	1.31	50	11286	3.881 ug/l	100
4) Vinyl Chloride	1.39	62	11133	3.967 ug/l	98
5) Bromomethane	1.62	94	9580	4.917 ug/l	96
6) Chloroethane	1.72	64	6974	3.999 ug/l	93
7) Trichlorofluoromethane	1.92	101	20538	4.192 ug/l	96
8) Diethyl Ether	2.17	74	6651	4.014 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	13562	4.255 ug/l	97
10) Methyl Iodide	2.50	142	9852	3.318 ug/l	98
11) Tert butyl alcohol	3.03	59	7728	20.415 ug/l	96
12) 1,1-Dichloroethene	2.36	96	12321	4.176 ug/l	96
13) Acrolein	2.28	56	3882	21.238 ug/l	93
14) Allyl chloride	2.72	41	20435	3.760 ug/l	99
15) Acrylonitrile	3.13	53	15919	17.765 ug/l	99
16) Acetone	2.43	43	17545	20.504 ug/l	95
17) Carbon Disulfide	2.56	76	31226	3.681 ug/l	99
18) Methyl Acetate	2.76	43	8894	3.804 ug/l	92
19) Methyl tert-butyl Ether	3.18	73	34232	3.637 ug/l	99
20) Methylene Chloride	2.84	84	17286	4.082 ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	14215	4.100 ug/l	94
22) Diisopropyl ether	3.84	45	40123	3.628 ug/l	93
23) Vinyl Acetate	3.80	43	116718	16.438 ug/l	98
24) 1,1-Dichloroethane	3.69	63	23635	3.847 ug/l	99
25) 2-Butanone	4.66	43	20162	16.393 ug/l	96
26) 2,2-Dichloropropane	4.57	77	22923	4.378 ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	16423	4.043 ug/l	100
28) Bromochloromethane	5.00	49	12148	4.485 ug/l	99
29) Tetrahydrofuran	5.12	42	12160	15.847 ug/l	91
30) Chloroform	5.20	83	26686	4.047 ug/l	94
31) Cyclohexane	5.56	56	19704	3.923 ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	24599	4.161 ug/l	98
36) 1,1-Dichloropropene	5.79	75	18303	4.175 ug/l	96
37) Ethyl Acetate	4.82	43	9213	3.647 ug/l #	75
38) Carbon Tetrachloride	5.77	117	22329	4.359 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
 Data File : VX012010.D
 Acq On : 02 Sep 2019 12:27
 Operator : SY/SP
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 03 04:44:49 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)
39) Methylcyclohexane	7.45	83	23045	4.387	ug/l	95
40) Benzene	6.13	78	52251	4.032	ug/l	99
41) Methacrylonitrile	5.03	41	4822	3.230	ug/l #	88
42) 1,2-Dichloroethane	6.18	62	17785	4.042	ug/l	96
43) Isopropyl Acetate	6.43	43	18221	3.550	ug/l	97
44) Trichloroethene	7.20	130	17300	4.257	ug/l	96
45) 1,2-Dichloropropane	7.50	63	13297	3.945	ug/l	99
46) Dibromomethane	7.65	93	7619	3.792	ug/l	100
47) Bromodichloromethane	7.89	83	19591	3.938	ug/l	99
48) Methyl methacrylate	7.76	41	8766	3.510	ug/l	96
49) 1,4-Dioxane	7.74	88	2669	78.131	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	45344	17.422	ug/l	99
52) Toluene	8.78	92	35288	4.098	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	19368	3.802	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	22002	3.848	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	11805	4.015	ug/l	98
56) Ethyl methacrylate	9.17	69	14334	3.538	ug/l	99
57) 1,3-Dichloropropane	9.37	76	18601	3.820	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	36995	19.479	ug/l	98
59) 2-Hexanone	9.49	43	32820	17.739	ug/l	99
60) Dibromochloromethane	9.58	129	15308	3.867	ug/l	99
61) 1,2-Dibromoethane	9.67	107	11473	3.936	ug/l	96
64) Tetrachloroethene	9.33	164	18927	4.576	ug/l	96
65) Chlorobenzene	10.14	112	41996	4.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	15987	4.011	ug/l	96
67) Ethyl Benzene	10.25	91	70947	4.228	ug/l	100
68) m/p-Xylenes	10.35	106	54696	8.430	ug/l	98
69) o-Xylene	10.70	106	26358	4.175	ug/l	96
70) Styrene	10.71	104	45242	4.083	ug/l	99
71) Bromoform	10.85	173	10917	3.875	ug/l #	96
73) Isopropylbenzene	11.01	105	74335	4.308	ug/l	99
74) N-amyl acetate	10.89	43	17197	3.436	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	13173	3.795	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	13915	4.887	ug/l	78
77) Bromobenzene	11.25	156	21405	4.276	ug/l	98
78) n-propylbenzene	11.35	91	83248	4.269	ug/l	98
79) 2-Chlorotoluene	11.42	91	49175	4.201	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	62842	4.238	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	4123	3.566	ug/l	98
82) 4-Chlorotoluene	11.51	91	59547	4.222	ug/l	99
83) tert-Butylbenzene	11.76	119	65007	4.296	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	64441	4.240	ug/l	99
85) sec-Butylbenzene	11.94	105	76962	4.394	ug/l	99
86) p-Isopropyltoluene	12.06	119	71549	4.208	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	40223	4.336	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	40376	4.308	ug/l	92
89) n-Butylbenzene	12.39	91	62473	4.164	ug/l	99
90) Hexachloroethane	12.59	117	13259	4.035	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	36683	4.258	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2463	3.565	ug/l	93

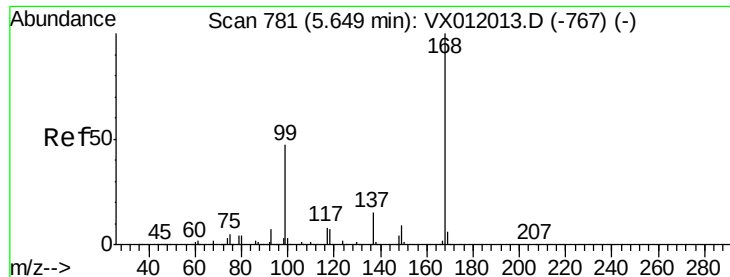
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090219\
Data File : VX012010.D
Acq On : 02 Sep 2019 12:27
Operator : SY/SP
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 03 04:44:49 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.64	180	31939	4.389	ug/l	99
94) Hexachlorobutadiene	13.78	225	21217	4.324	ug/l	98
95) Naphthalene	13.83	128	48034	3.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	27614	4.210	ug/l	97

(#) = 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: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

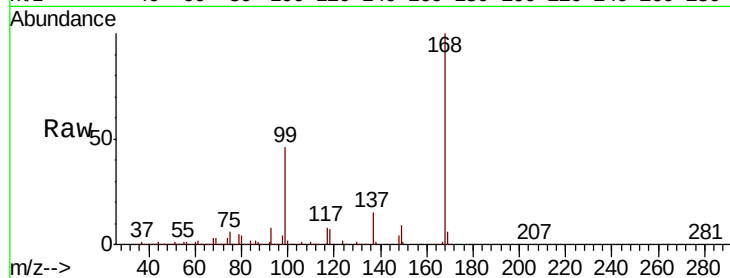
VSTDIC005

Tgt Ion:168 Resp: 424704

Ion Ratio Lower Upper

168 100

99 45.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

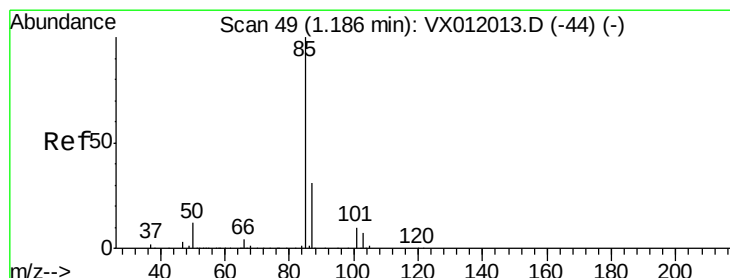
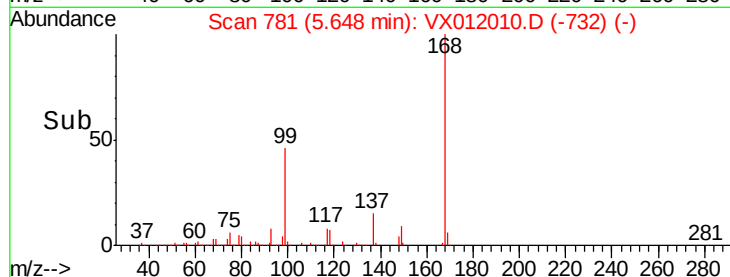
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 4.592 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012010.D

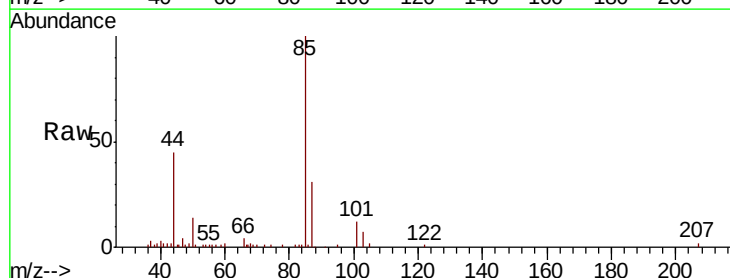
Acq: 02 Sep 2019 12:27

Tgt Ion: 85 Resp: 11855

Ion Ratio Lower Upper

85 100

87 30.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

12000

10000

8000

6000

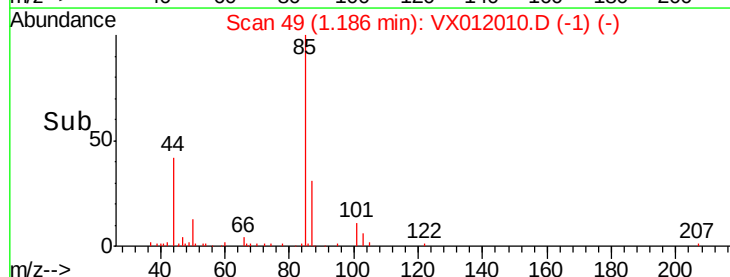
4000

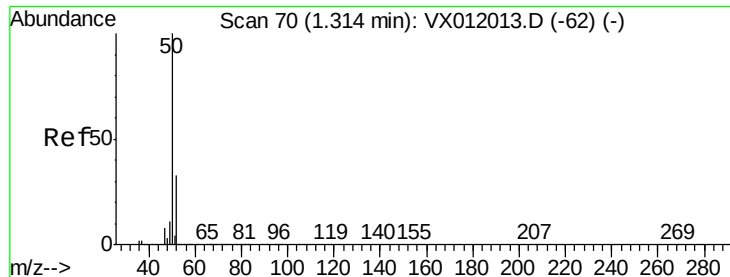
2000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 3.881 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

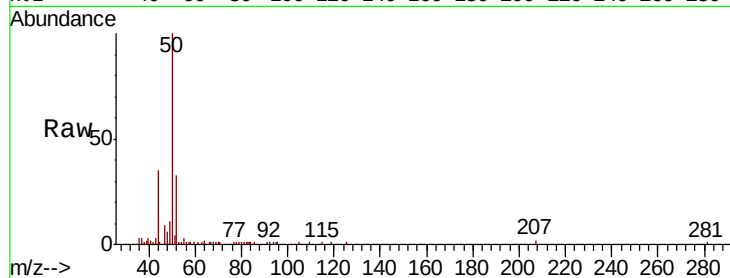
VSTDIC005

Tgt Ion: 50 Resp: 11286

Ion Ratio Lower Upper

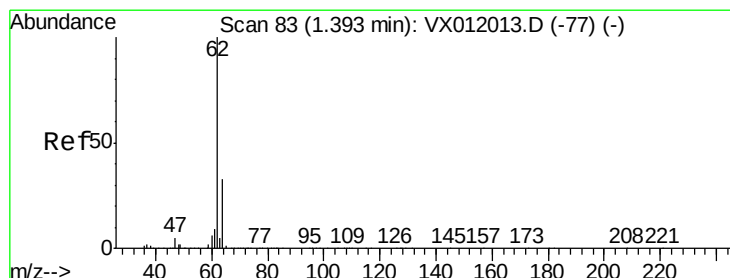
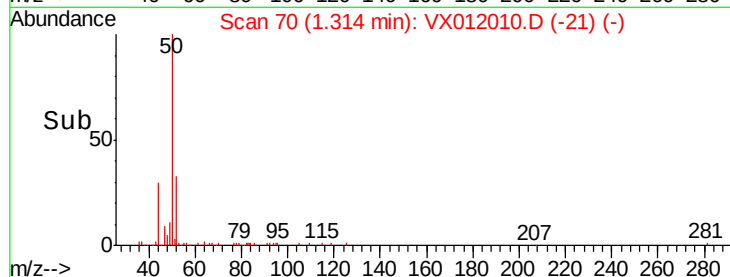
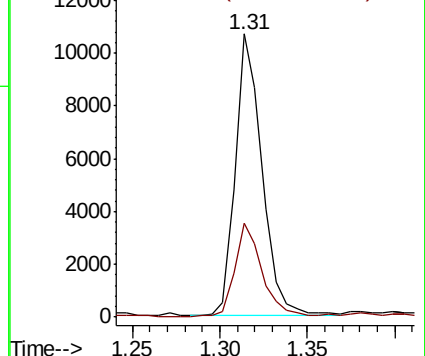
50 100

52 33.2 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: 3.967 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012010.D

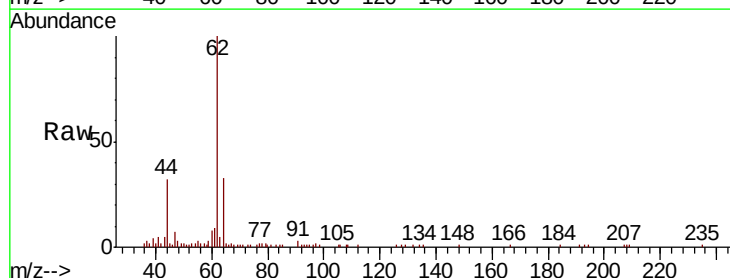
Acq: 02 Sep 2019 12:27

Tgt Ion: 62 Resp: 11133

Ion Ratio Lower Upper

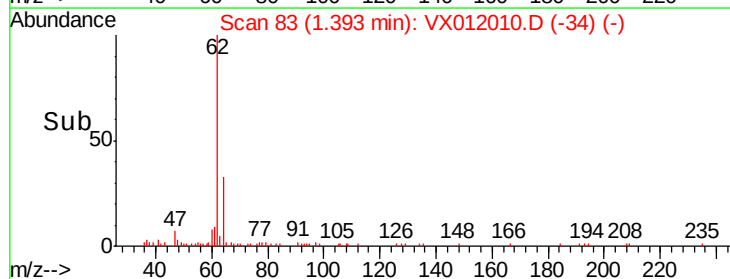
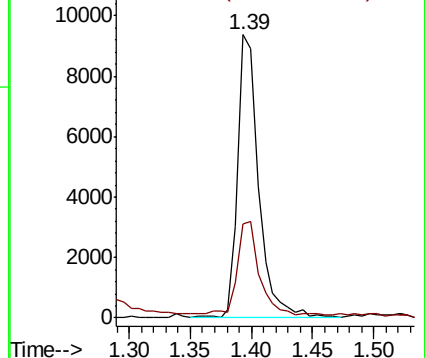
62 100

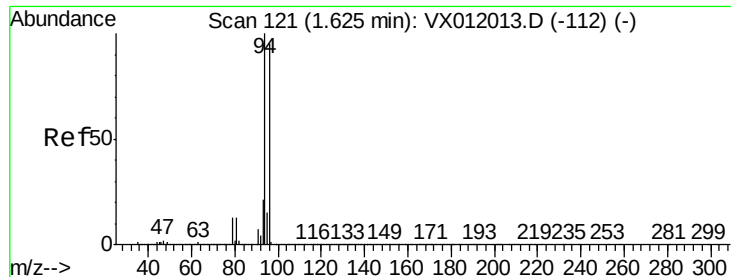
64 31.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.917 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

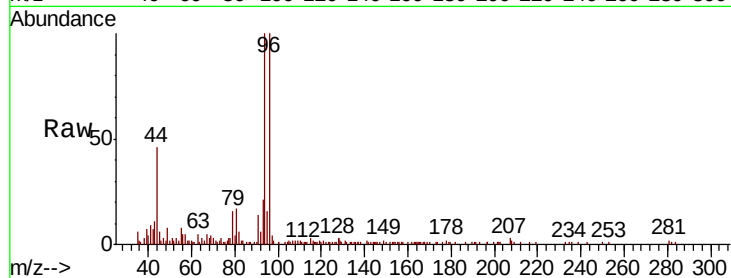
VSTDIC005

Tgt Ion: 94 Resp: 9580

Ion Ratio Lower Upper

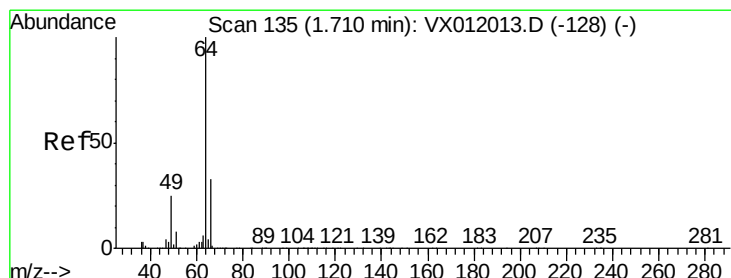
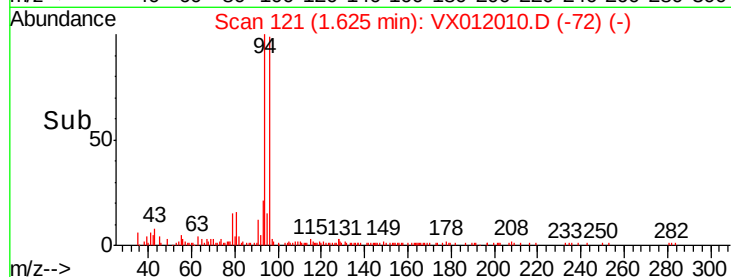
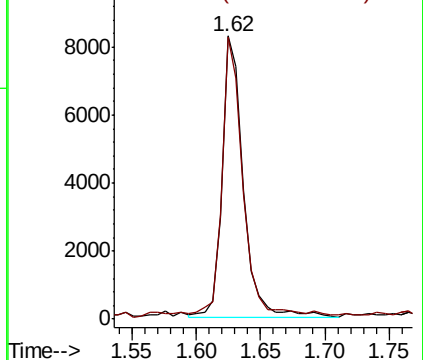
94 100

96 98.9 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 3.999 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012010.D

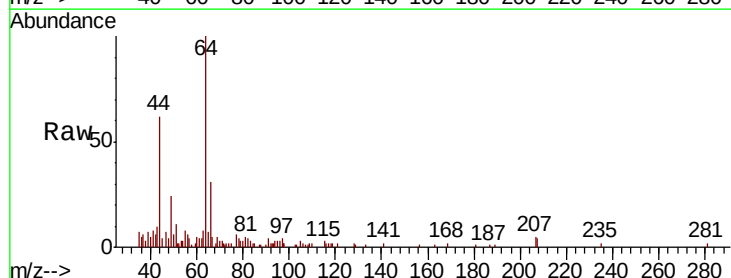
Acq: 02 Sep 2019 12:27

Tgt Ion: 64 Resp: 6974

Ion Ratio Lower Upper

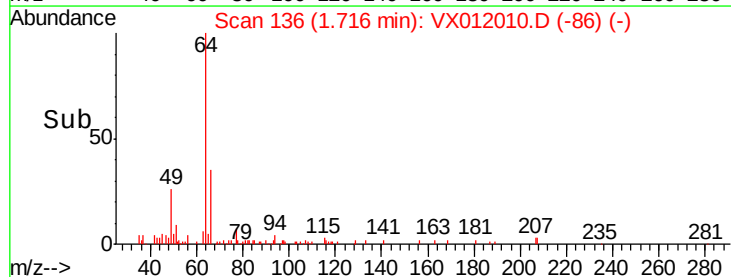
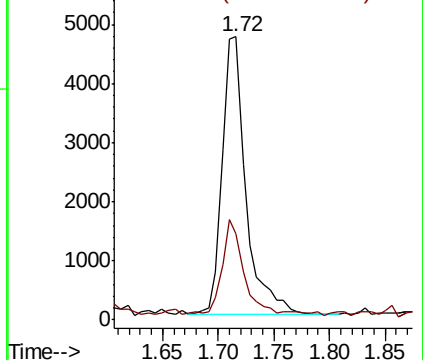
64 100

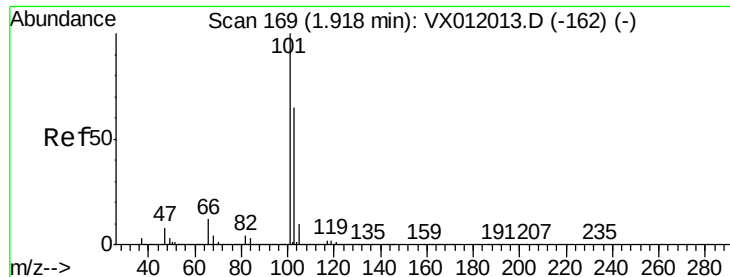
66 29.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



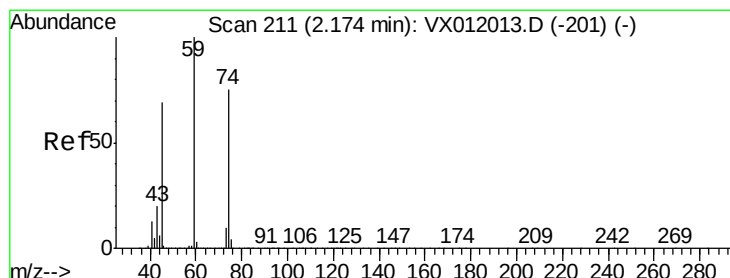
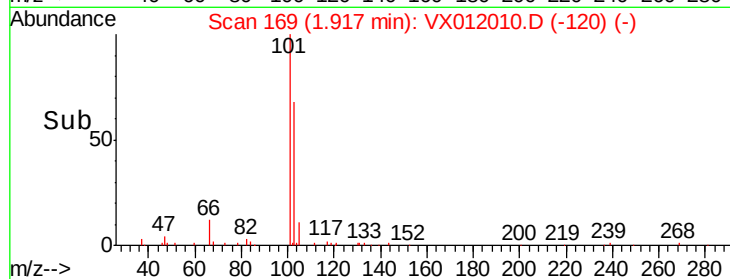
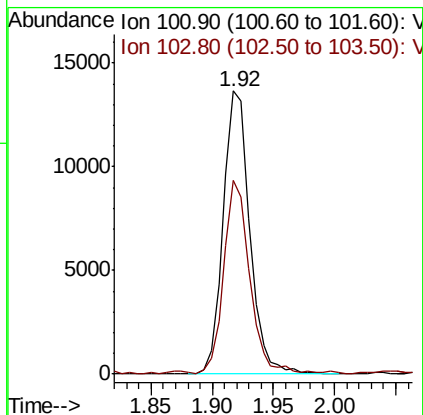
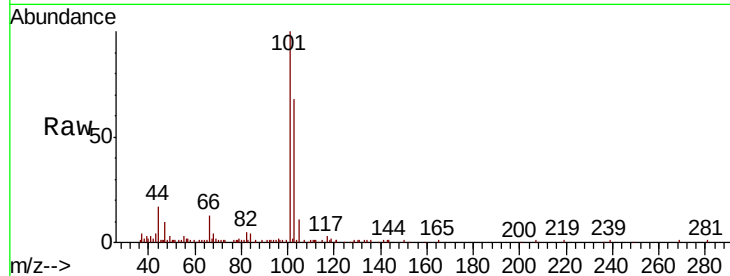


#7

Trichlorofluoromethane
 Concen: 4.192 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

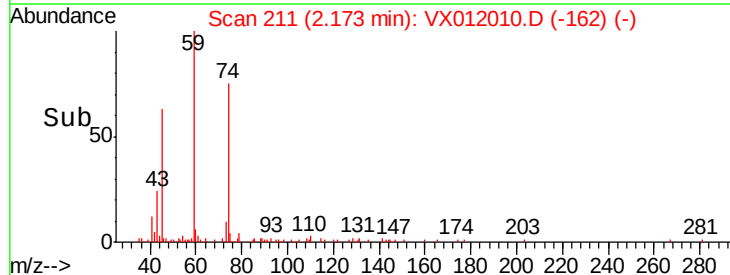
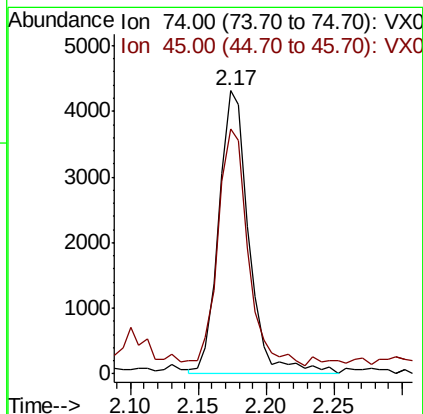
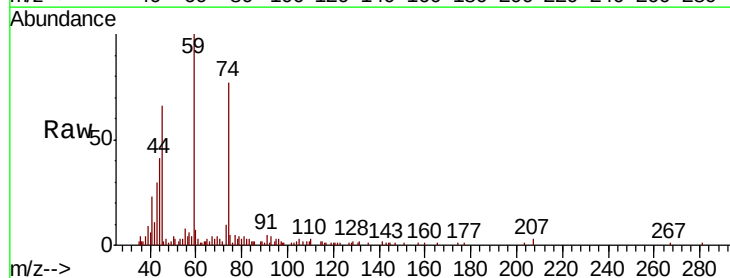
Tgt Ion: 101 Resp: 20538
 Ion Ratio Lower Upper
 101 100
 103 67.8 51.6 77.4

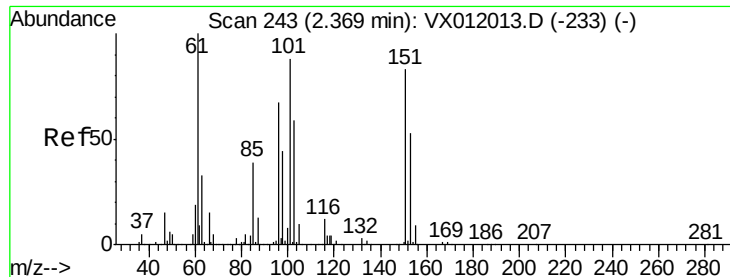


#8

Diethyl Ether
 Concen: 4.014 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion: 74 Resp: 6651
 Ion Ratio Lower Upper
 74 100
 45 83.8 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.255 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

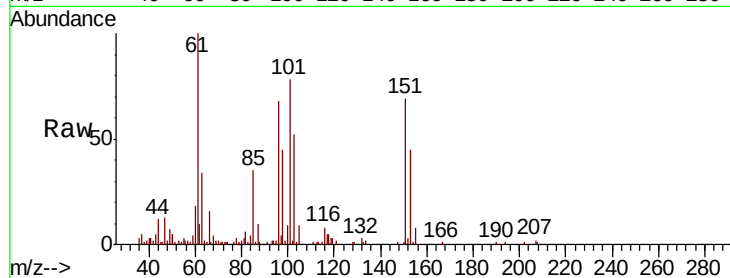
Tgt Ion:101 Resp: 13562

Ion Ratio Lower Upper

101 100

85 44.6 34.5 51.7

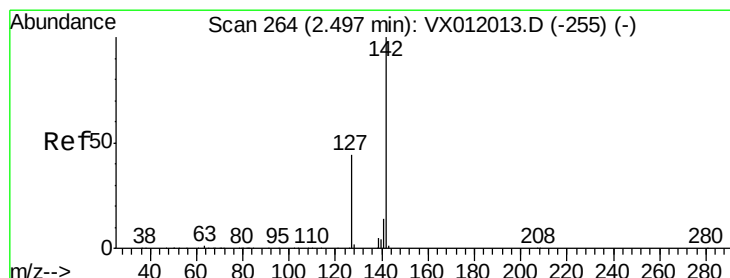
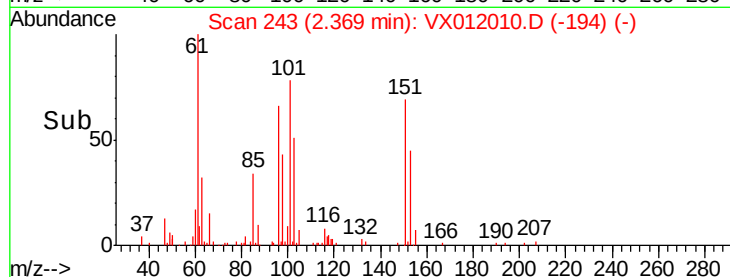
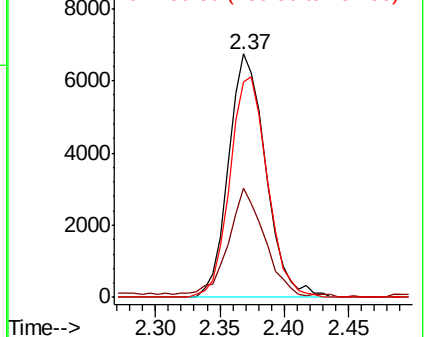
151 90.8 75.0 112.4



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: 3.318 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

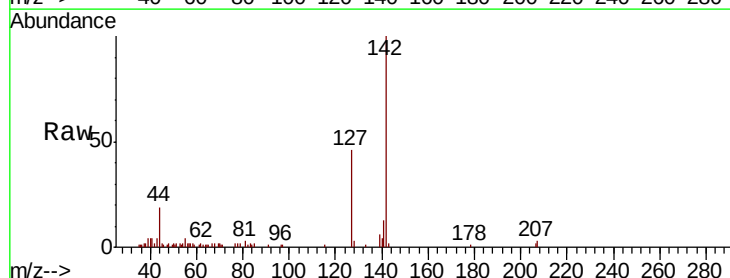
Tgt Ion:142 Resp: 9852

Ion Ratio Lower Upper

142 100

127 45.9 35.4 53.2

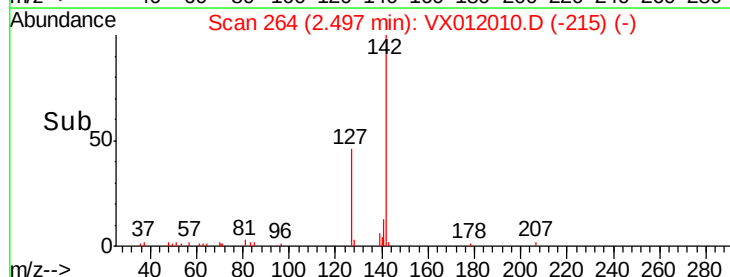
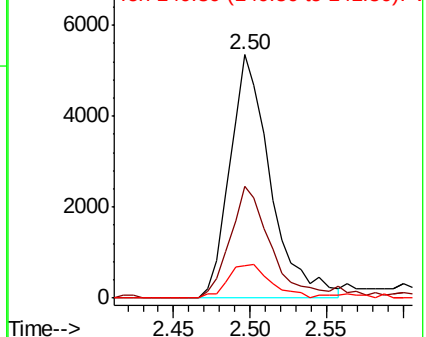
141 14.7 11.4 17.2

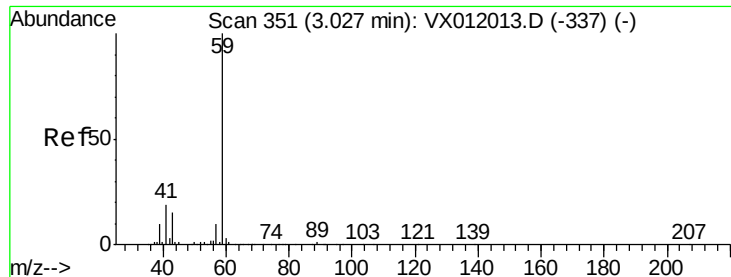


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

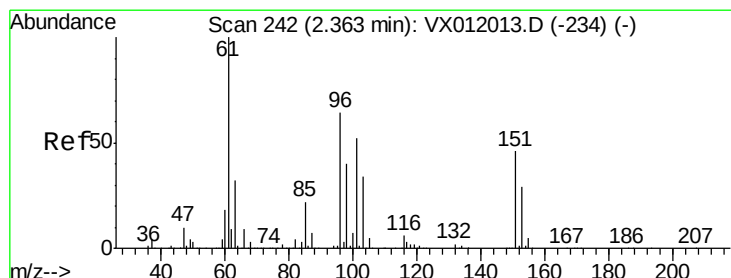
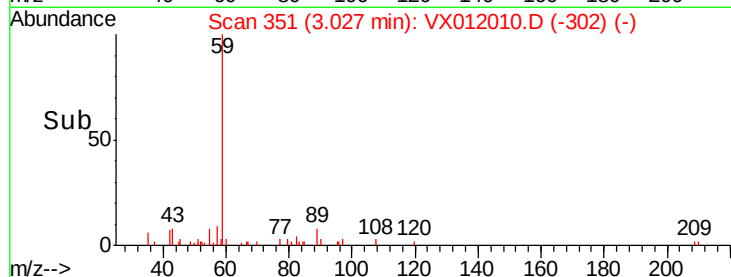
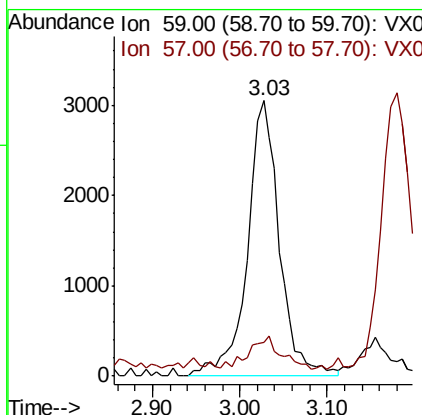
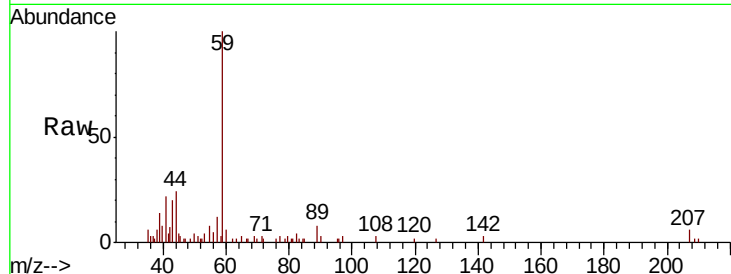




#11
Tert butyl alcohol
Concen: 20.415 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

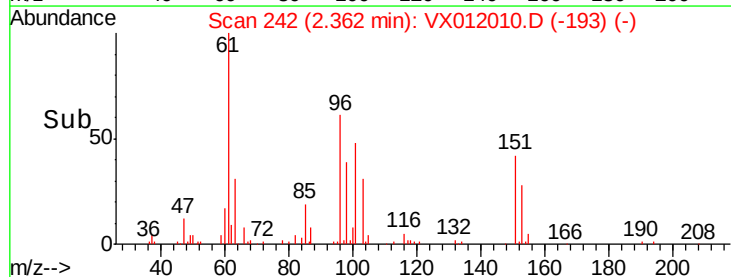
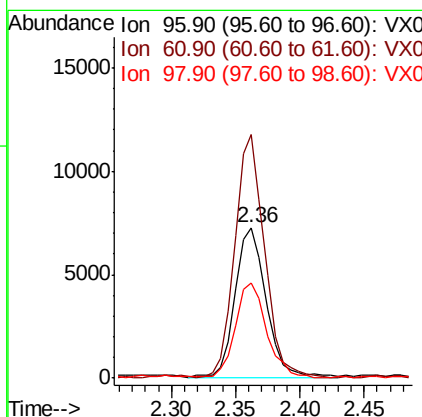
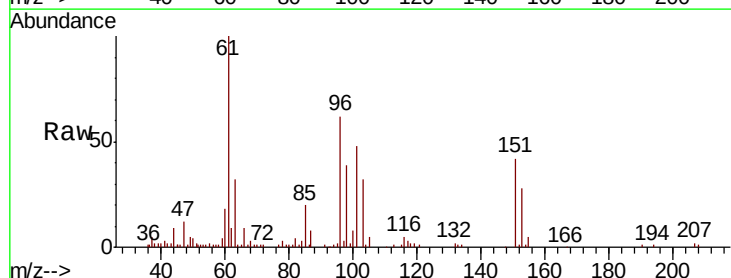
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

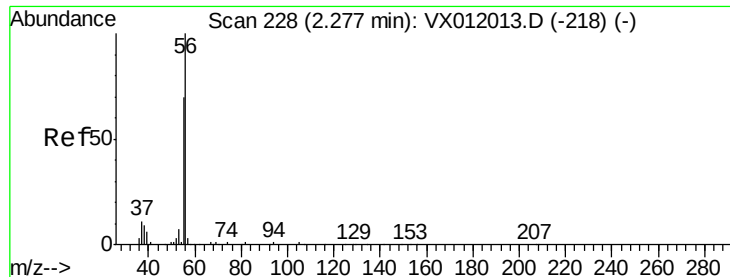
Tgt Ion: 59 Resp: 7728
Ion Ratio Lower Upper
59 100
57 11.6 7.9 11.9



#12
1,1-Dichloroethene
Concen: 4.176 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion: 96 Resp: 12321
Ion Ratio Lower Upper
96 100
61 161.5 124.1 186.1
98 62.2 50.2 75.2





#13

Acrolein

Concen: 21.238 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

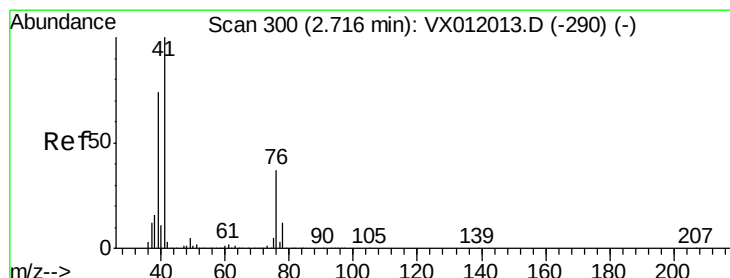
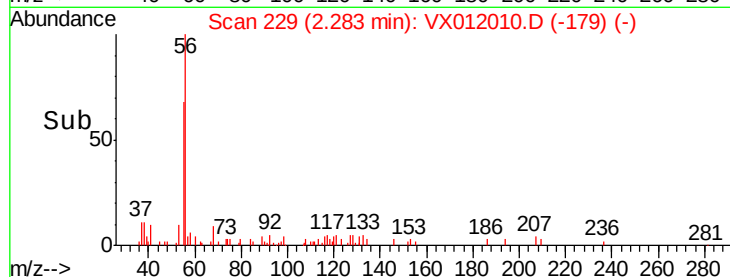
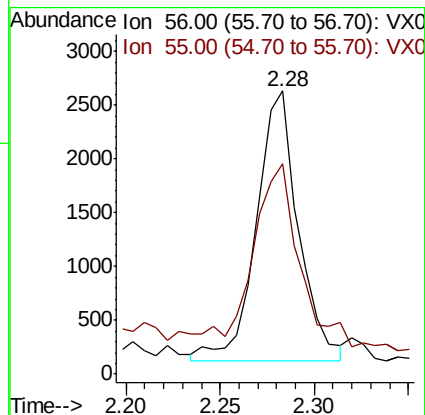
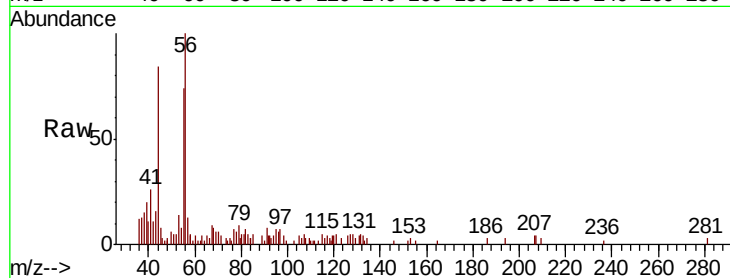
VSTDIC005

Tgt Ion: 56 Resp: 3882

Ion Ratio Lower Upper

56 100

55 80.0 59.2 88.8



#14

Allyl chloride

Concen: 3.760 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

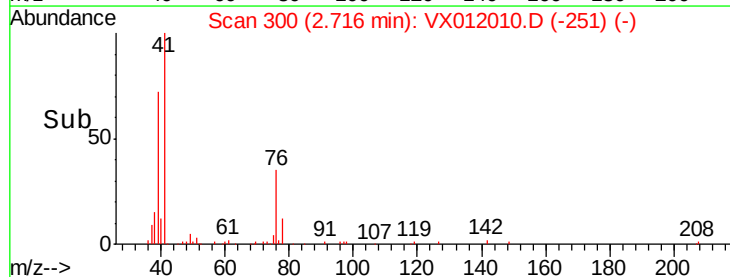
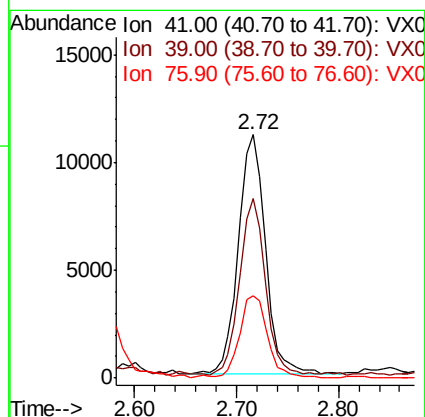
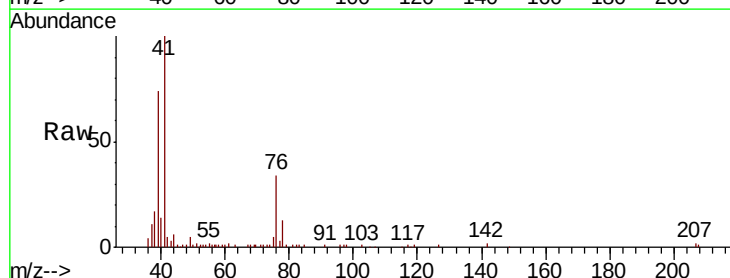
Tgt Ion: 41 Resp: 20435

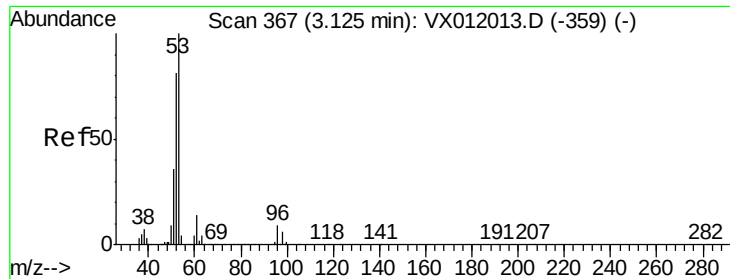
Ion Ratio Lower Upper

41 100

39 70.8 57.9 86.9

76 35.8 28.5 42.7





#15

Acrylonitrile

Concen: 17.765 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

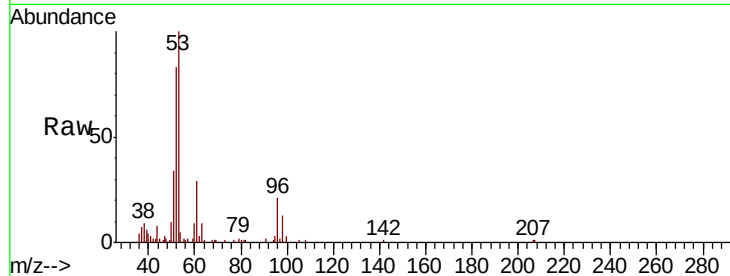
Tgt Ion: 53 Resp: 15919

Ion Ratio Lower Upper

53 100

52 82.2 65.6 98.4

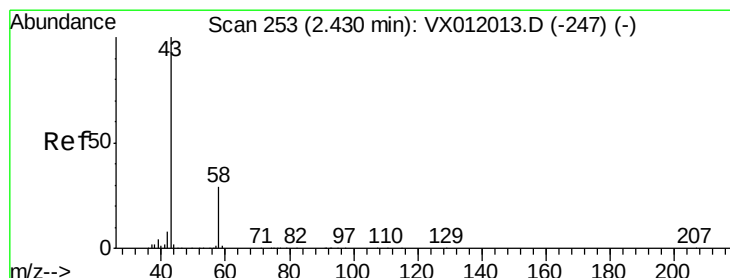
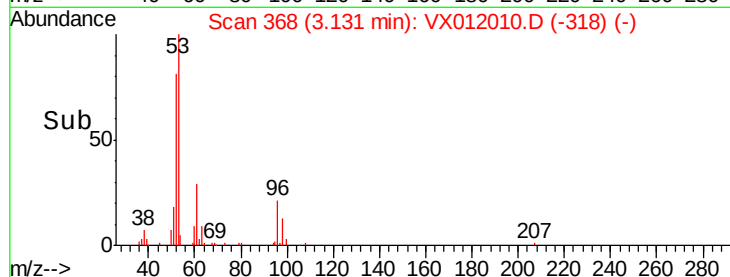
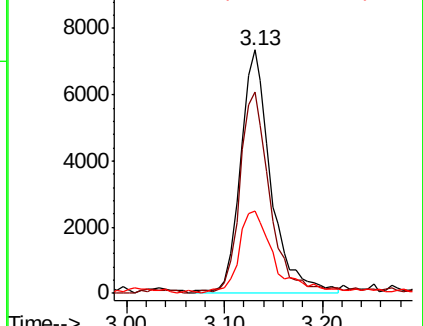
51 39.1 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 20.504 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012010.D

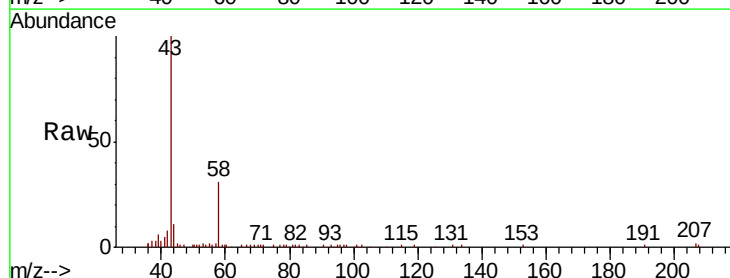
Acq: 02 Sep 2019 12:27

Tgt Ion: 43 Resp: 17545

Ion Ratio Lower Upper

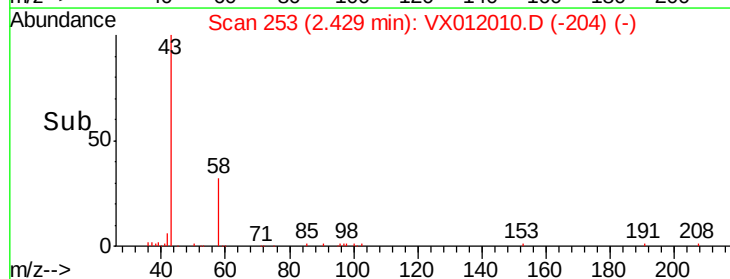
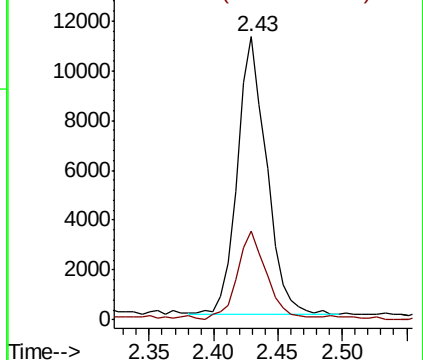
43 100

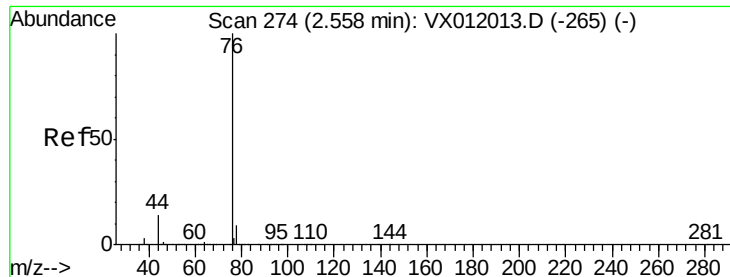
58 31.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

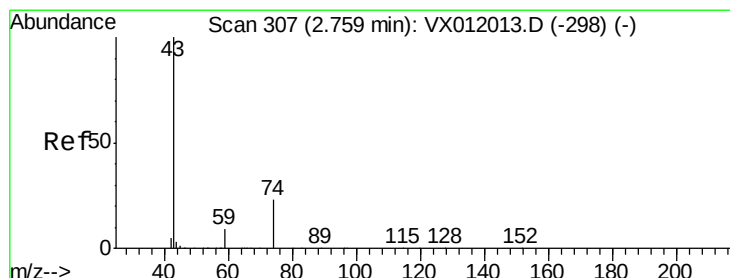
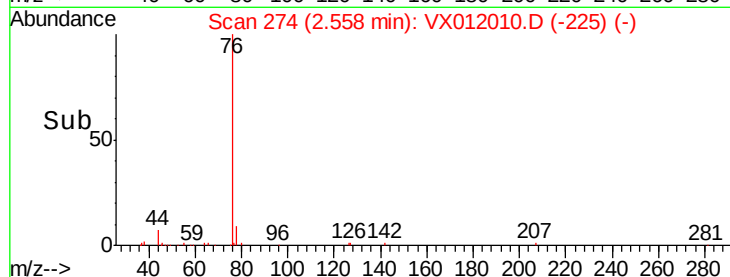
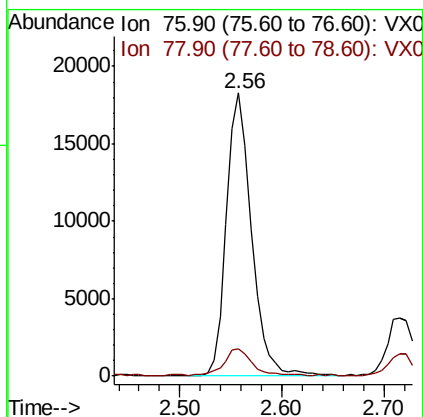
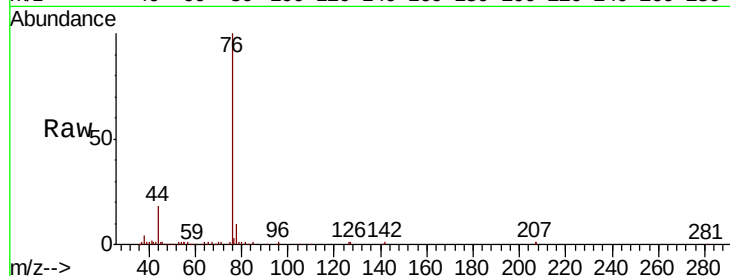




#17
Carbon Disulfide
Concen: 3.681 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

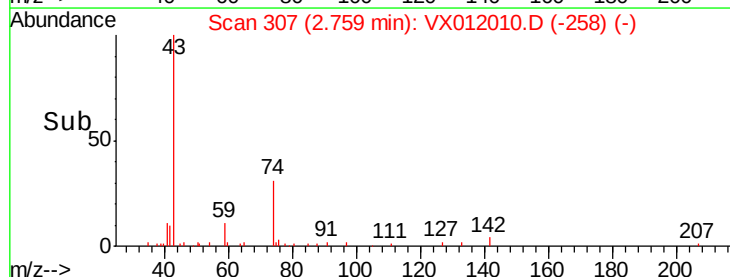
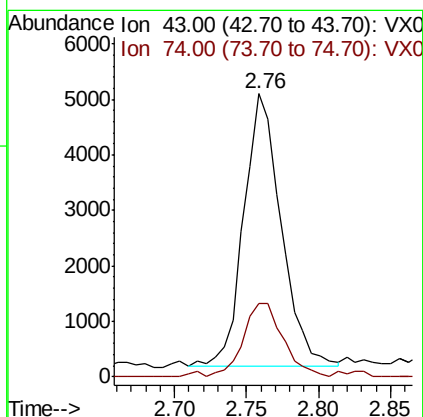
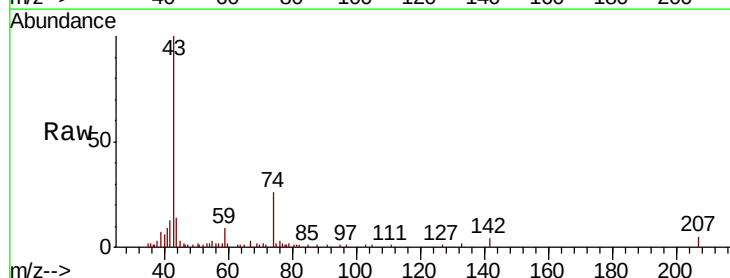
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

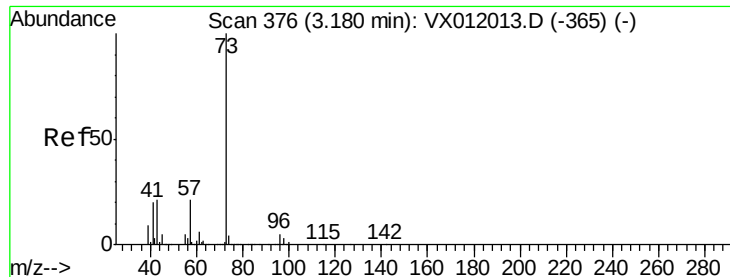
Tgt Ion: 76 Resp: 31226
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 3.804 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion: 43 Resp: 8894
Ion Ratio Lower Upper
43 100
74 28.5 19.5 29.3





#19

Methyl tert-butyl Ether

Concen: 3.637 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

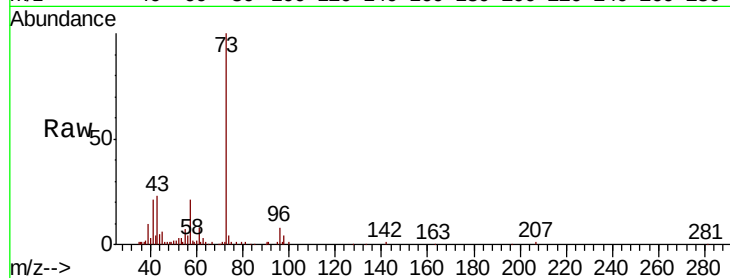
VSTDIC005

Tgt Ion: 73 Resp: 34232

Ion Ratio Lower Upper

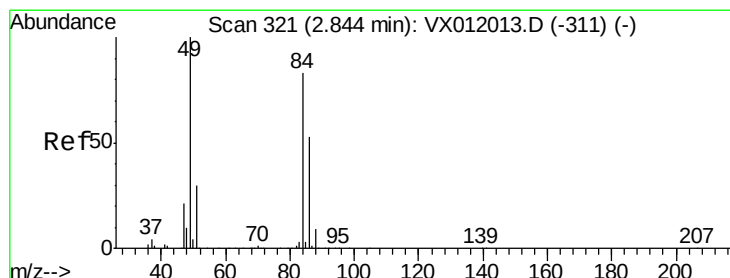
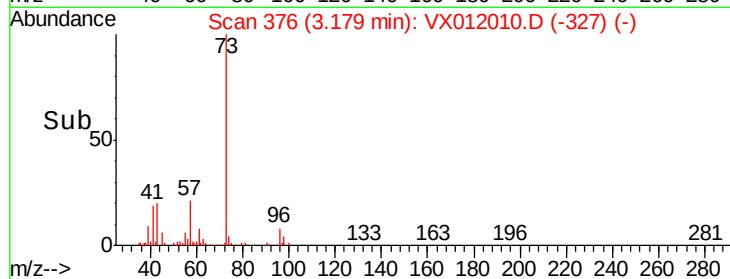
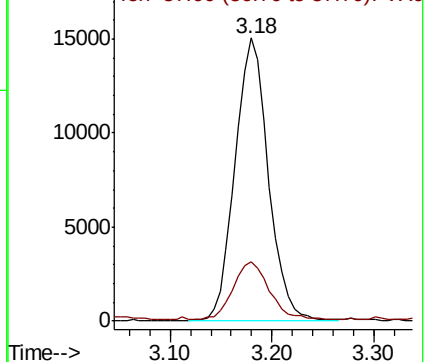
73 100

57 20.2 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 4.082 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Tgt Ion: 84 Resp: 17286

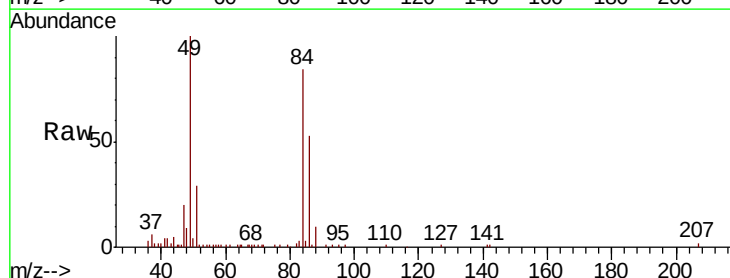
Ion Ratio Lower Upper

84 100

49 119.3 95.8 143.8

51 33.2 28.6 43.0

86 63.8 50.9 76.3

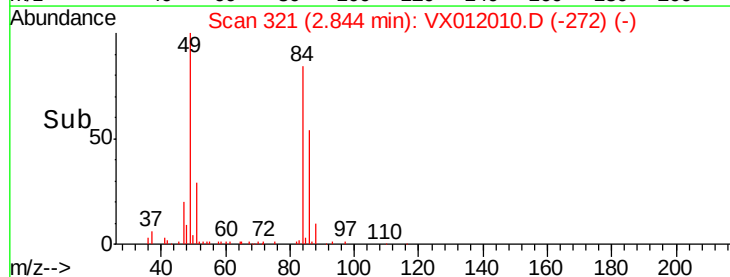
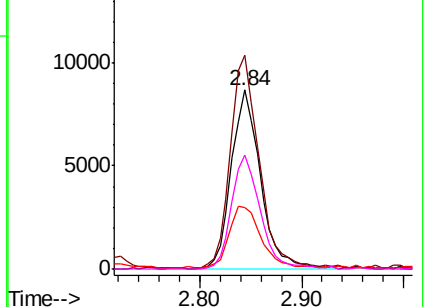


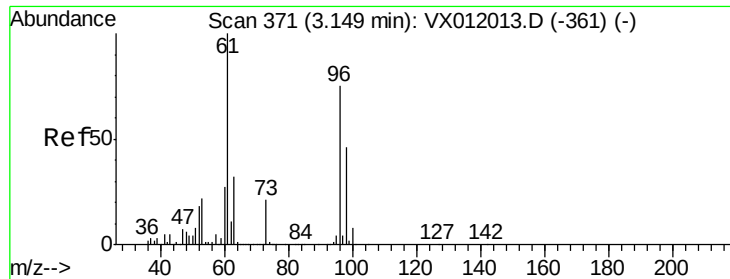
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 4.100 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

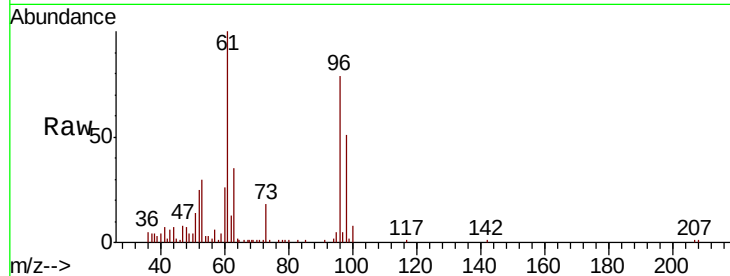
Tgt Ion: 96 Resp: 14215

Ion Ratio Lower Upper

96 100

61 125.1 107.0 160.6

98 64.0 49.8 74.6

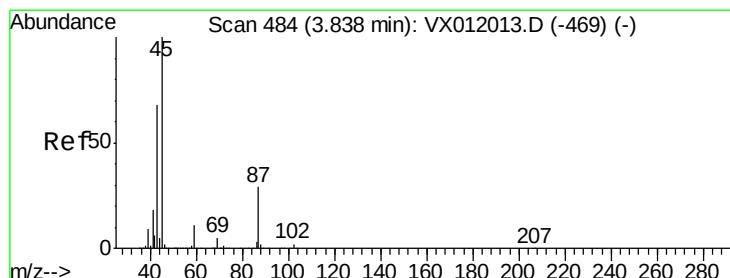
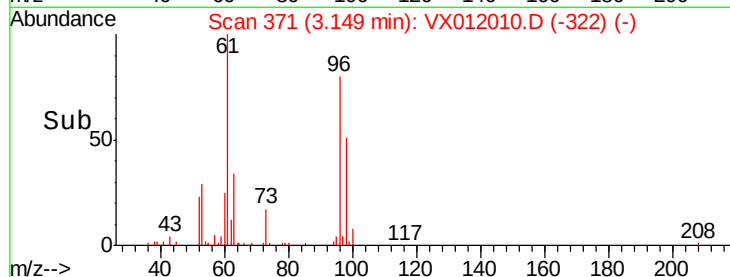
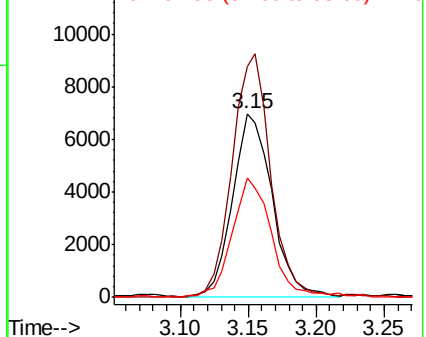


Abundance

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: 3.628 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Tgt Ion: 45 Resp: 40123

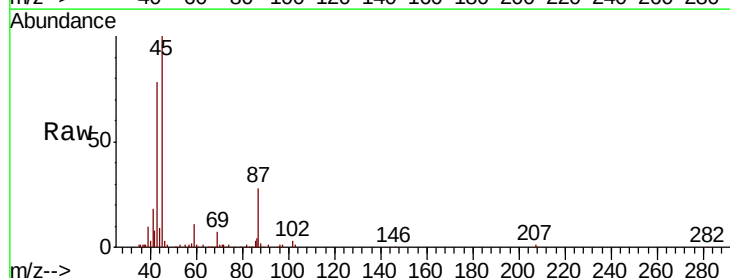
Ion Ratio Lower Upper

45 100

43 75.9 54.2 81.4

87 27.9 23.4 35.0

59 10.8 9.0 13.6



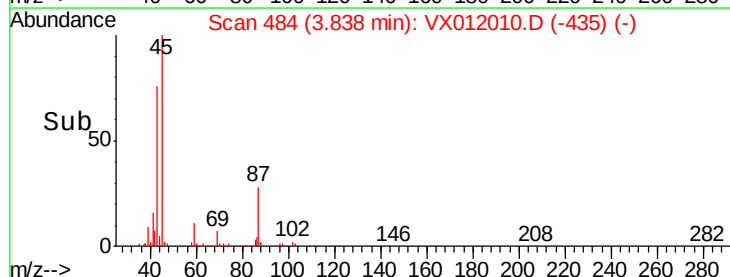
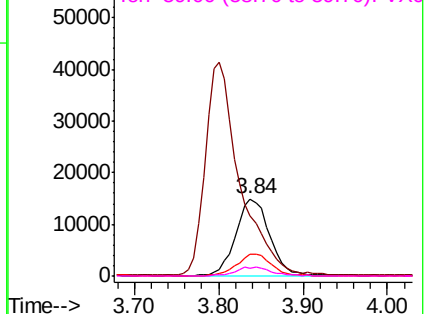
Abundance

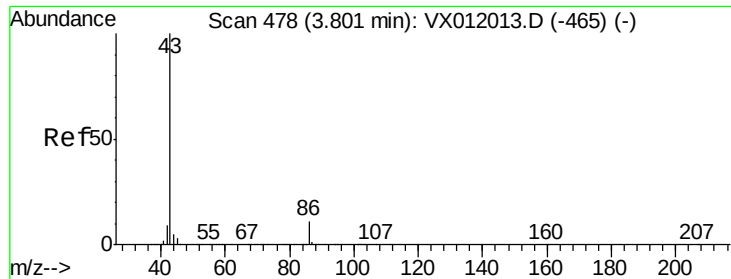
Ion 45.00 (44.70 to 45.70): VX0

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: 16.438 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

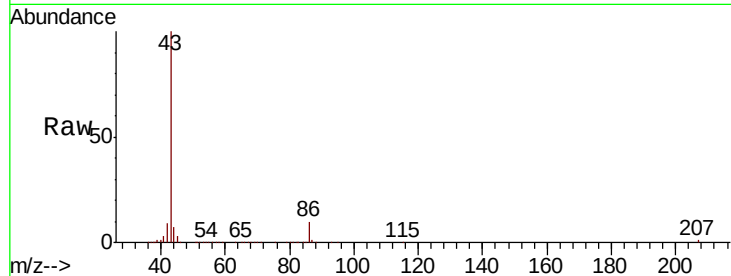
VSTDIC005

Tgt Ion: 43 Resp: 116718

Ion Ratio Lower Upper

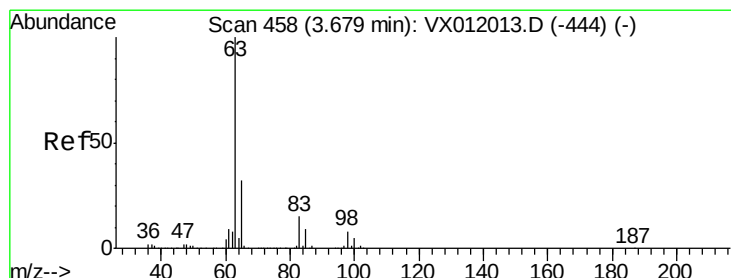
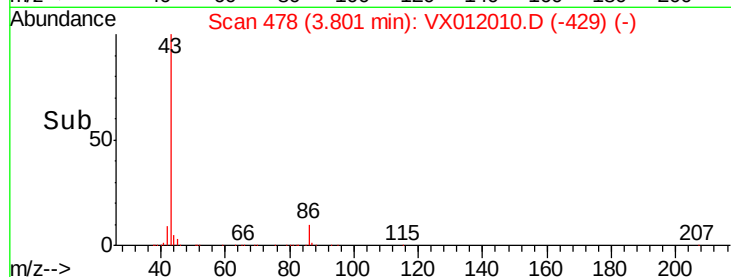
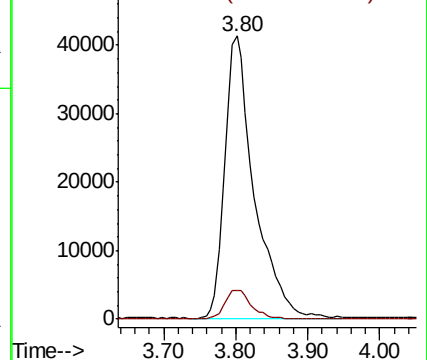
43 100

86 10.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 3.847 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.01 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

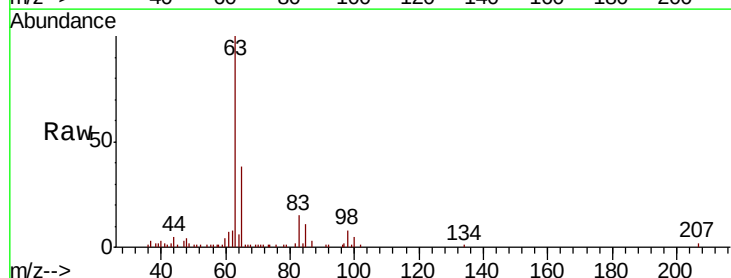
Tgt Ion: 63 Resp: 23635

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

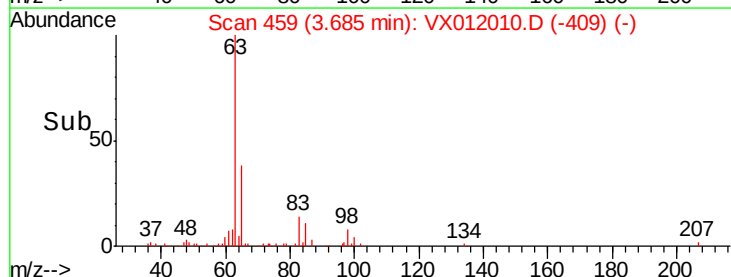
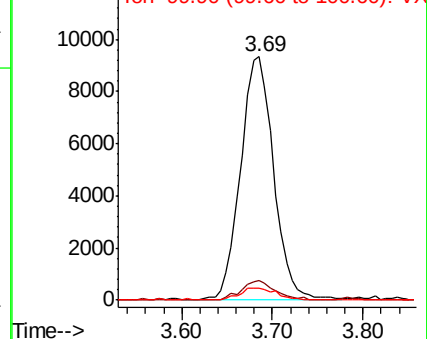
100 4.8 2.5 7.4

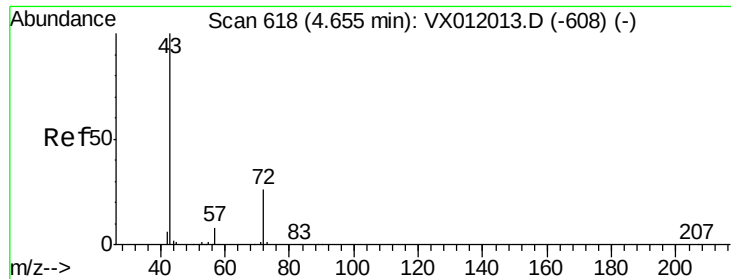


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 16.393 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

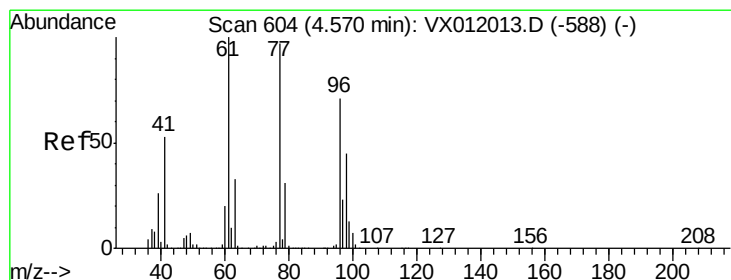
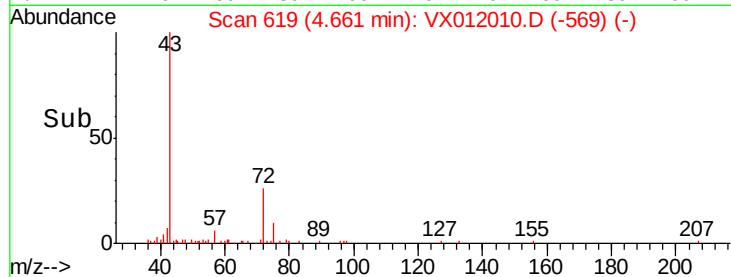
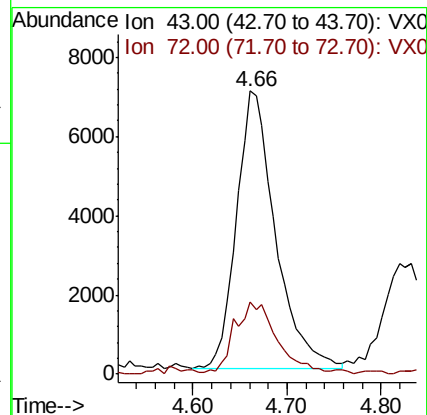
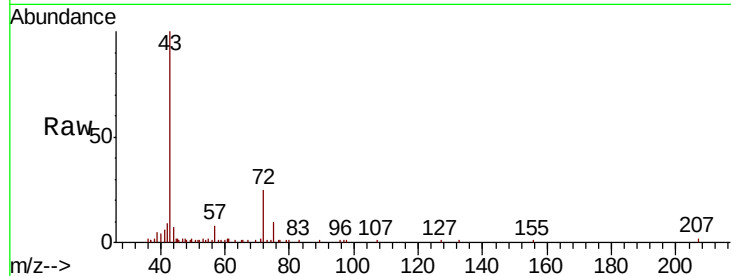
VSTDIC005

Tgt Ion: 43 Resp: 20162

Ion Ratio Lower Upper

43 100

72 24.5 21.3 31.9



#26

2,2-Dichloropropane

Concen: 4.378 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012010.D

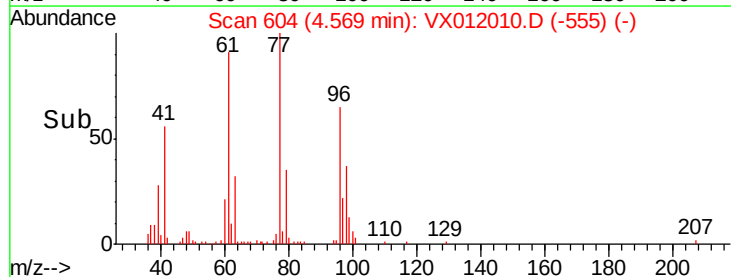
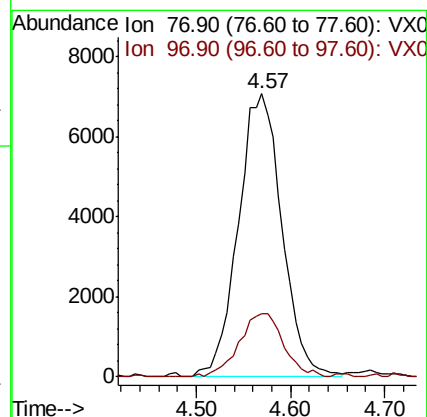
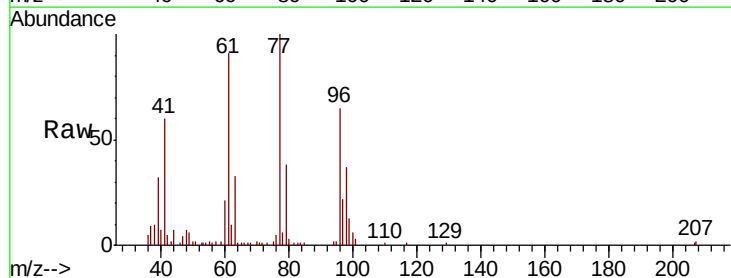
Acq: 02 Sep 2019 12:27

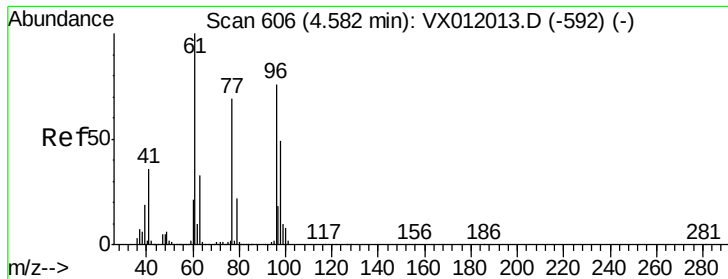
Tgt Ion: 77 Resp: 22923

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5



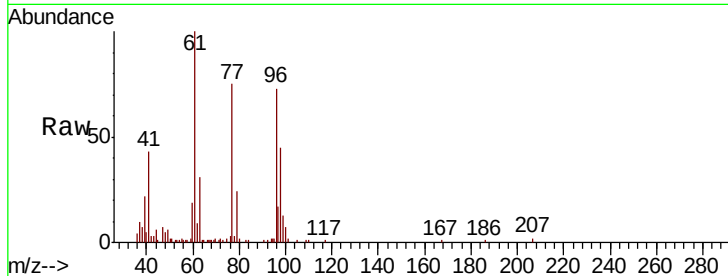


#27

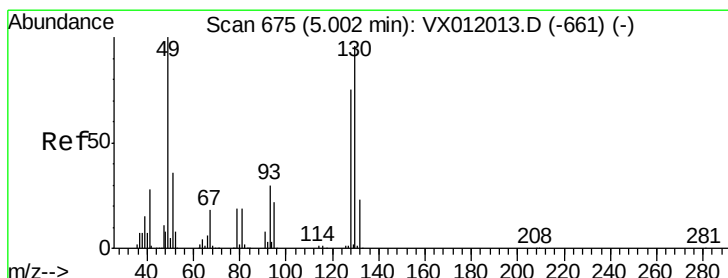
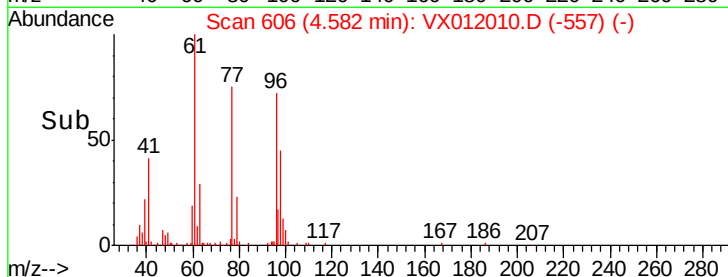
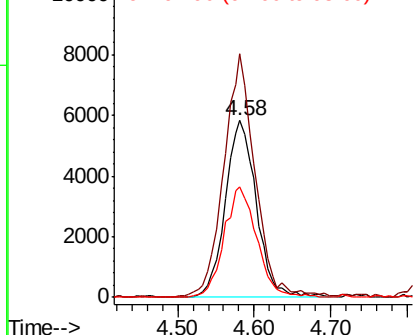
cis-1,2-Dichloroethene
 Concen: 4.043 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion	Resp	Lower	Upper
96	16423		
Ion Ratio			
96	100		
61	138.4	0.0	277.0
98	65.0	0.0	128.4



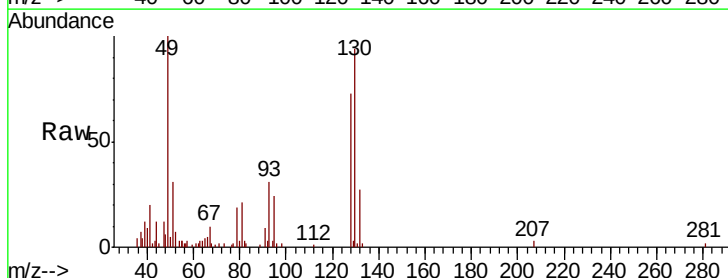
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



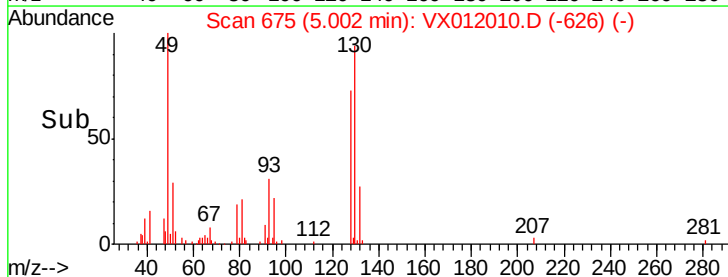
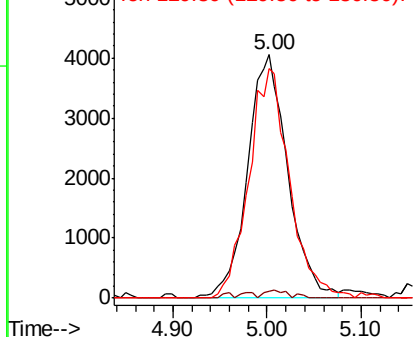
#28

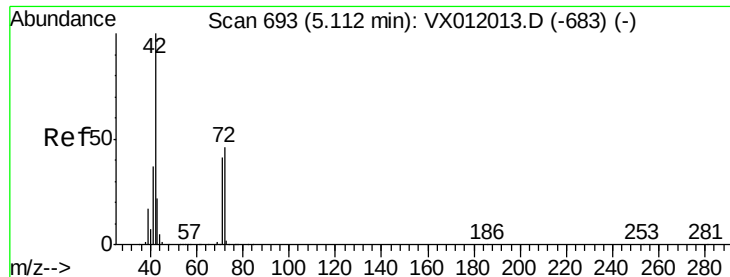
Bromochloromethane
 Concen: 4.485 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion	Resp	Lower	Upper
49	12148		
Ion Ratio			
49	100		
129	1.6	0.0	5.6
130	94.9	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: 15.847 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

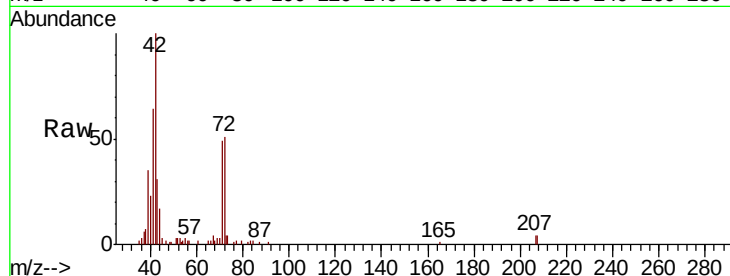
Tgt Ion: 42 Resp: 12160

Ion Ratio Lower Upper

42 100

72 51.5 37.0 55.4

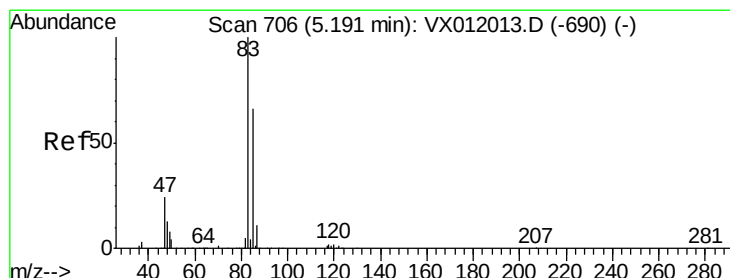
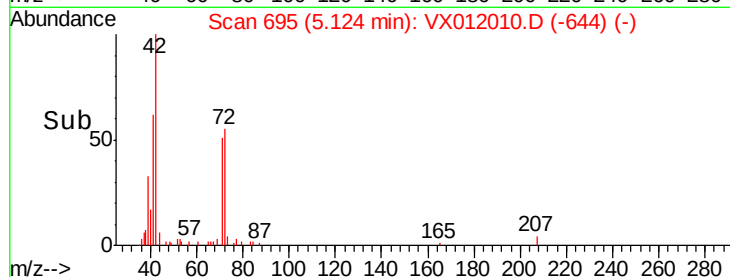
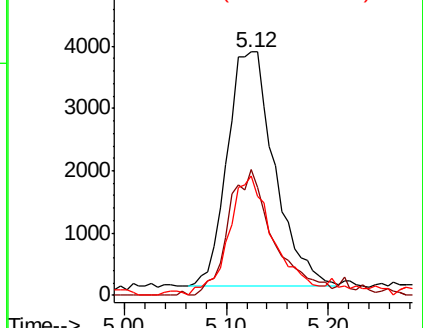
71 48.5 33.8 50.8



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: 4.047 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.01 min

Lab File: VX012010.D

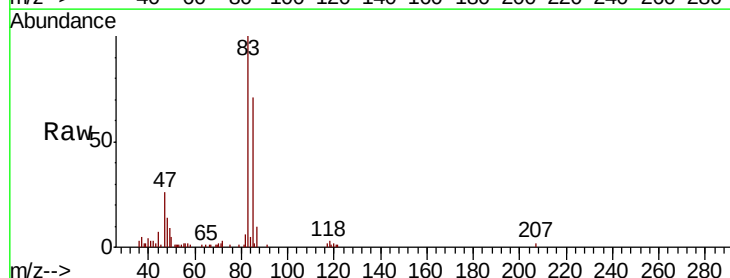
Acq: 02 Sep 2019 12:27

Tgt Ion: 83 Resp: 26686

Ion Ratio Lower Upper

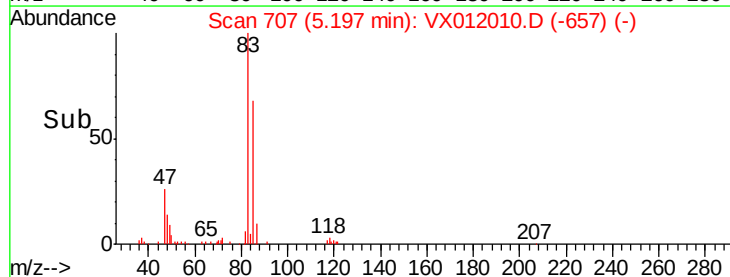
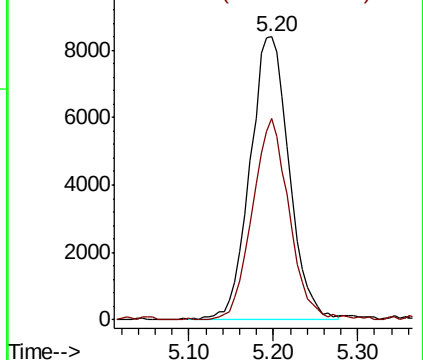
83 100

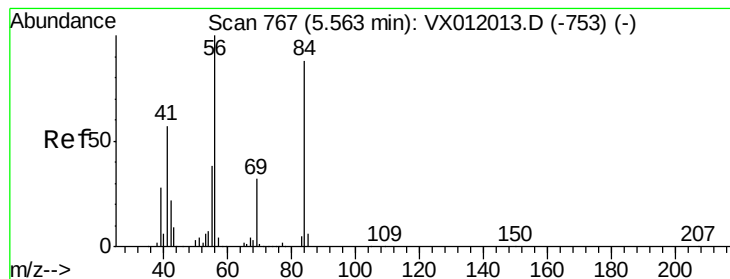
85 70.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 3.923 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

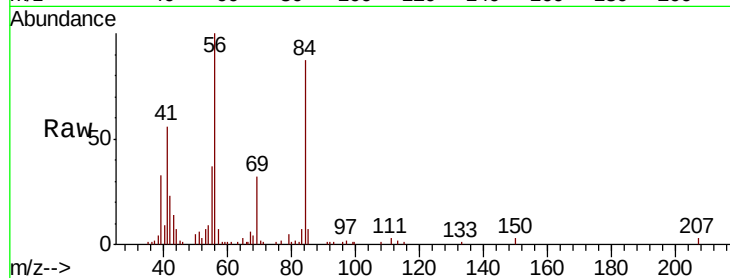
Tgt Ion: 56 Resp: 19704

Ion Ratio Lower Upper

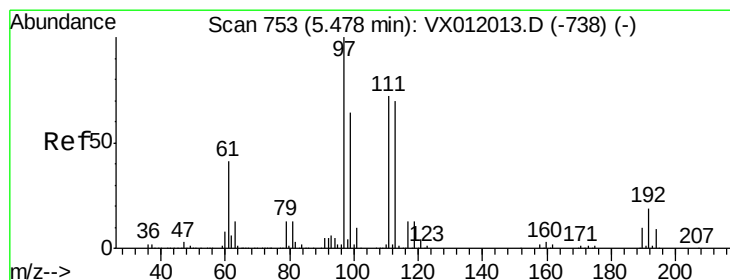
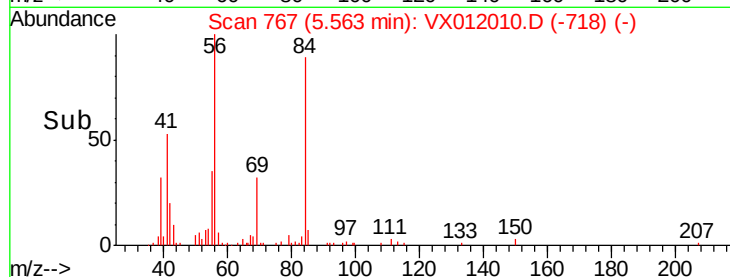
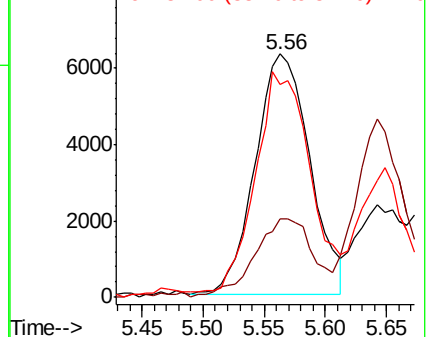
56 100

69 32.6 25.7 38.5

84 85.9 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: 4.161 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

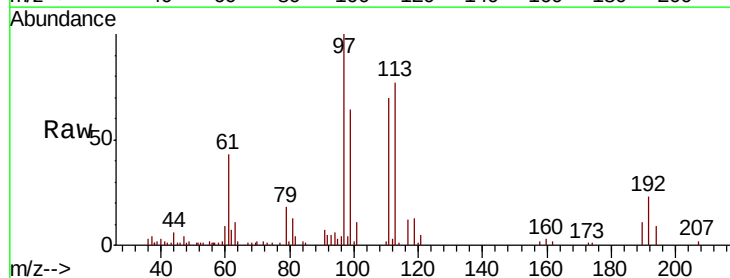
Tgt Ion: 97 Resp: 24599

Ion Ratio Lower Upper

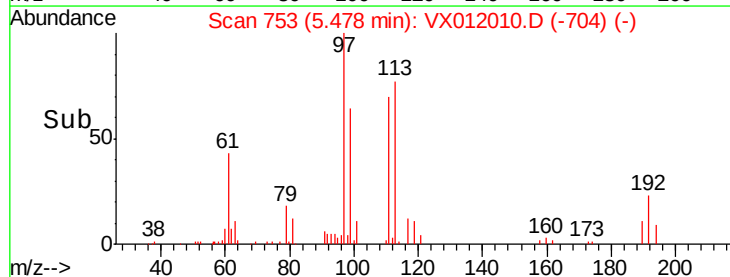
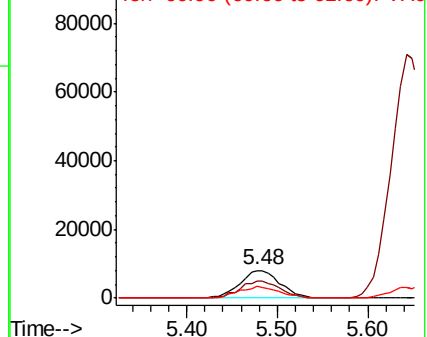
97 100

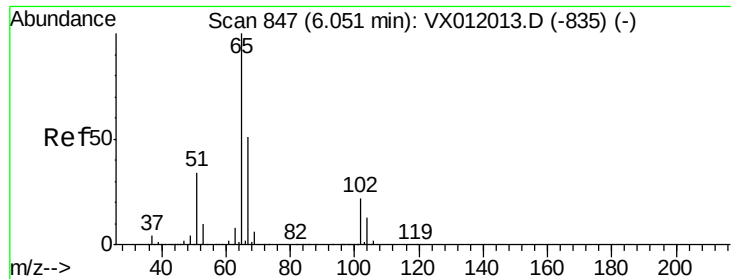
99 63.7 52.1 78.1

61 42.6 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

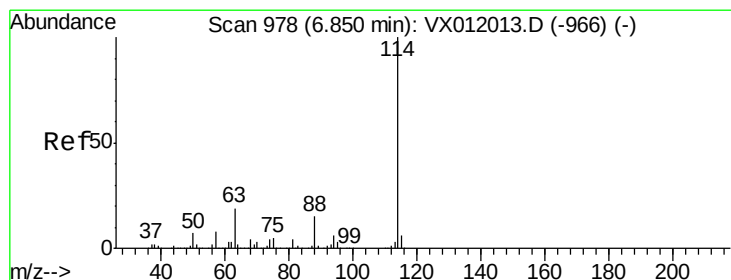
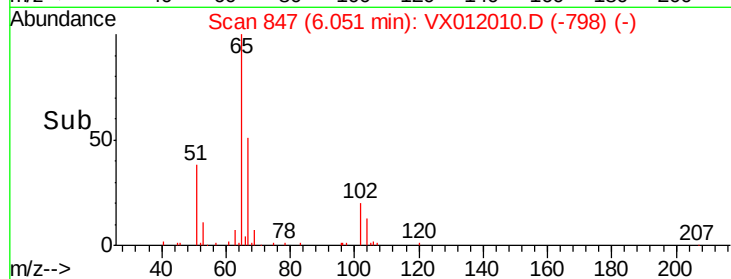
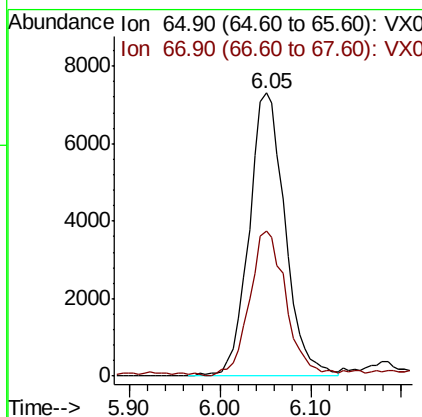
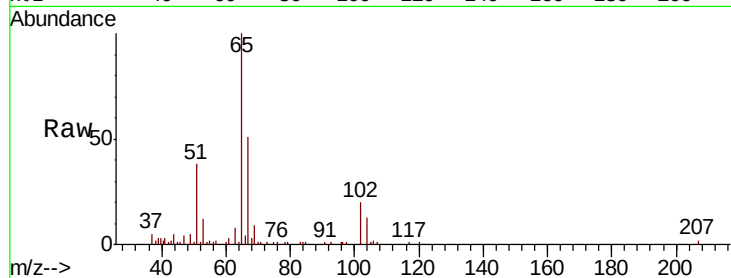




#33
 1,2-Dichloroethane-d4
 Concen: 4.980 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

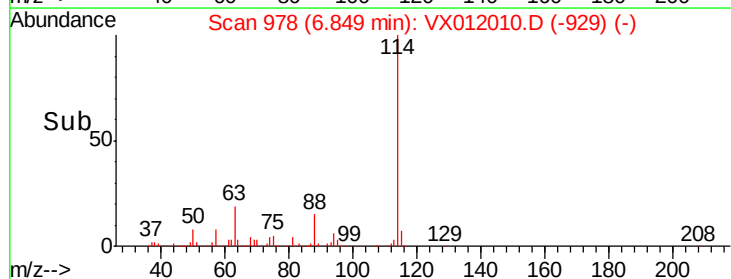
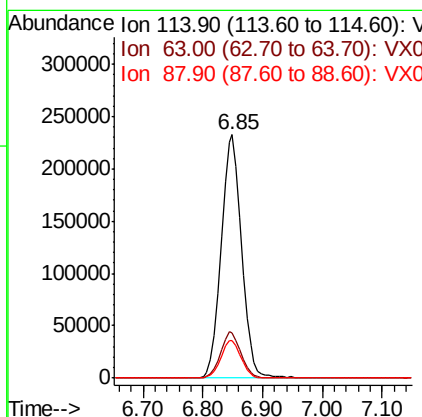
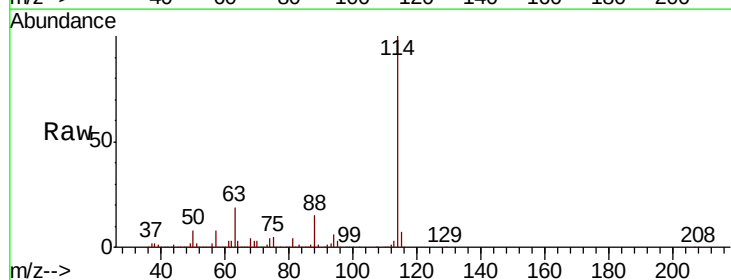
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

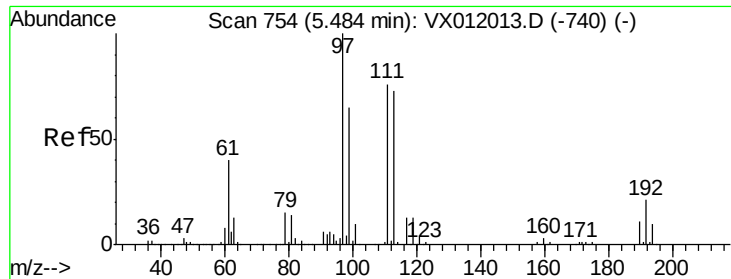
Tgt Ion: 65 Resp: 20085
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion: 114 Resp: 553891
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.4
 88 15.3 0.0 29.6

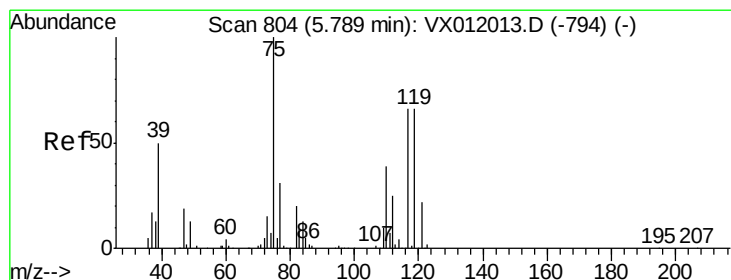
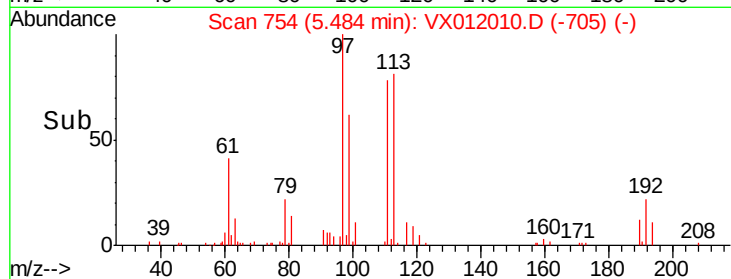
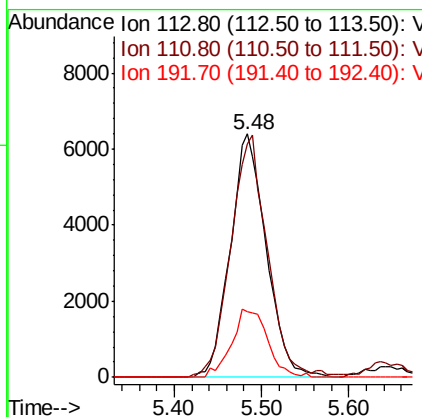
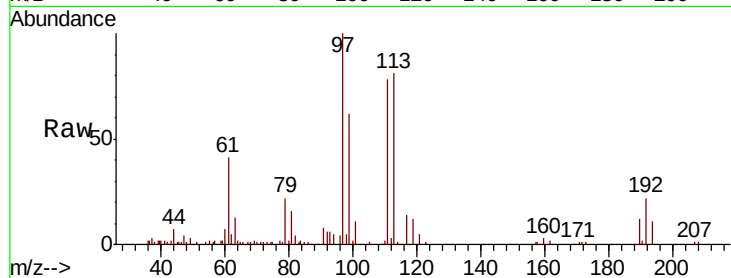




#35
 Dibromofluoromethane
 Concen: 5.108 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

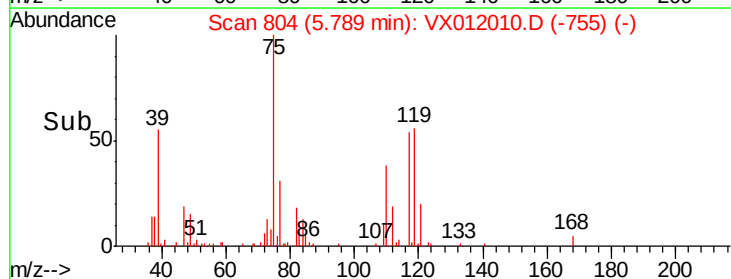
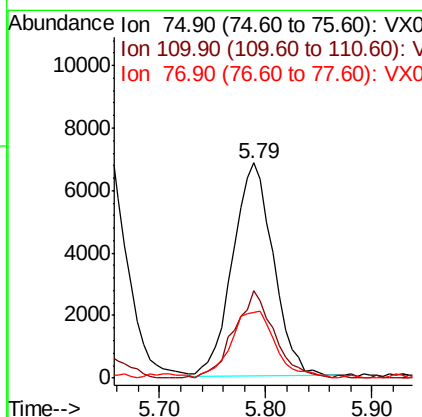
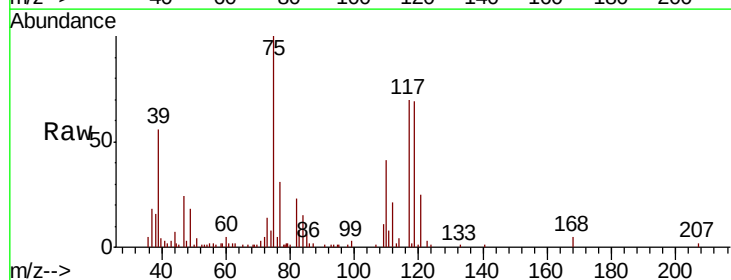
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

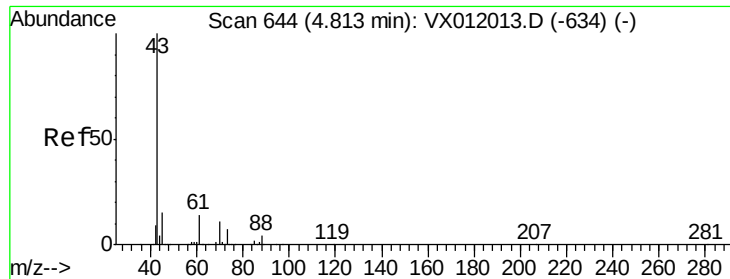
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.7	122.5
192	28.0	22.5	33.7



#36
 1,1-Dichloropropene
 Concen: 4.175 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.4	19.5	58.5
77	34.4	24.6	37.0

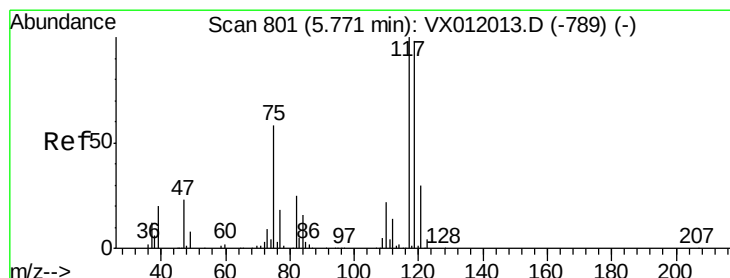
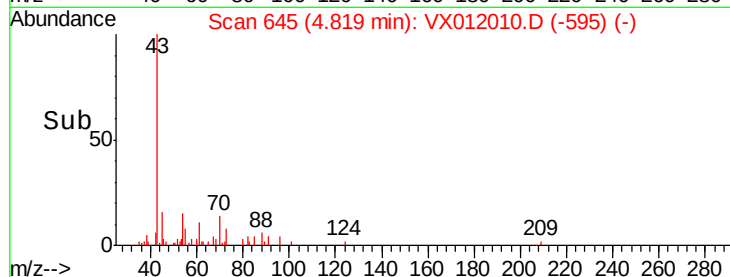
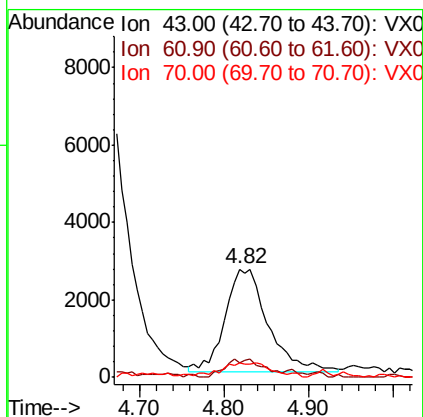
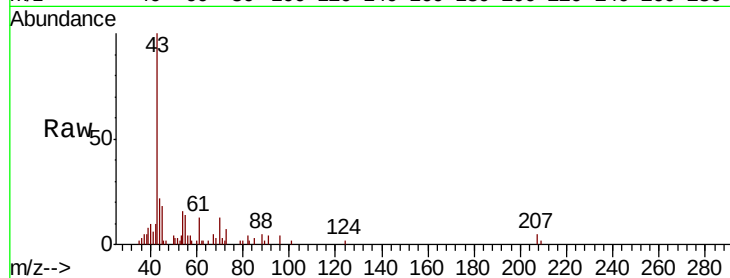




#37
Ethyl Acetate
Concen: 3.647 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

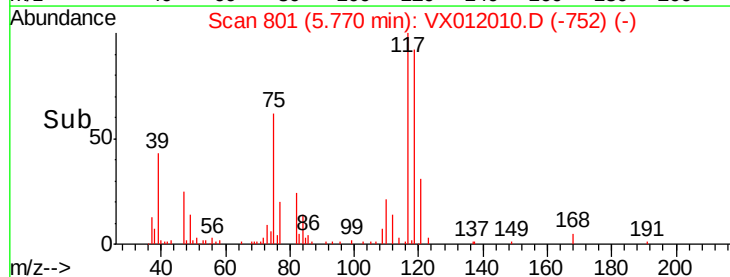
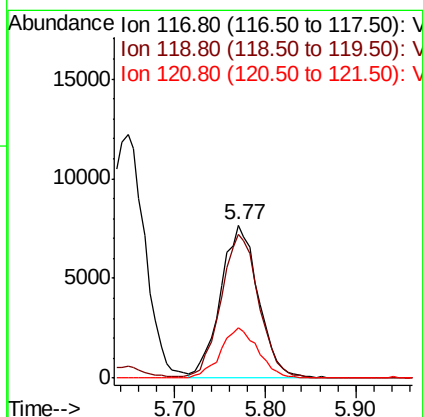
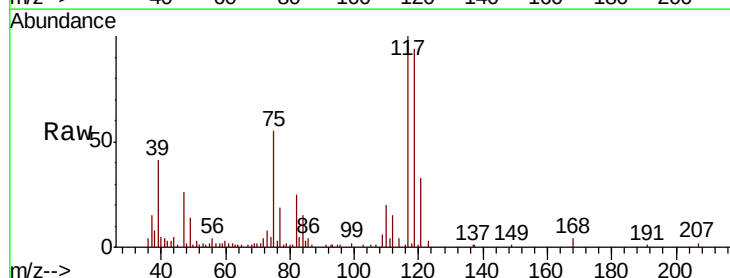
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

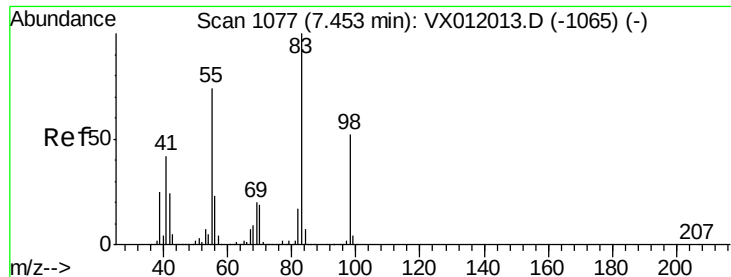
Tgt Ion: 43 Resp: 9213
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 6.1 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 4.359 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion: 117 Resp: 22329
Ion Ratio Lower Upper
117 100
119 93.6 78.3 117.5
121 32.8 24.2 36.2

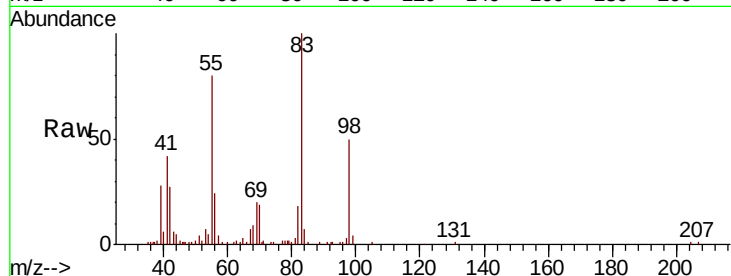




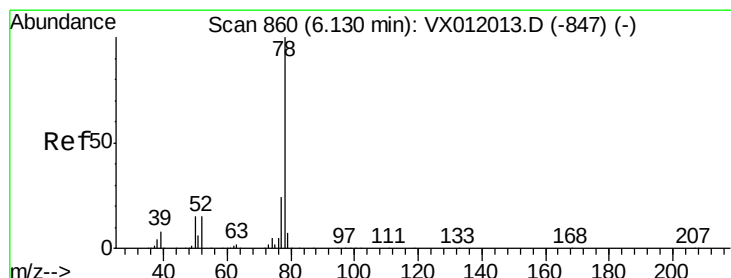
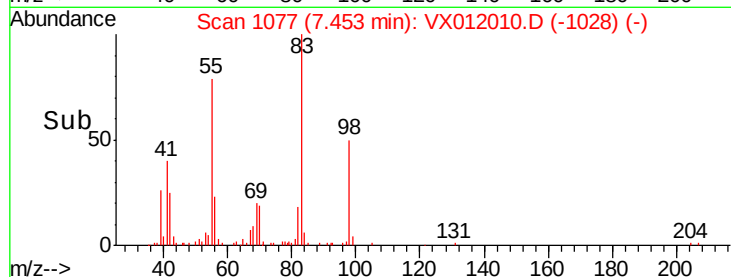
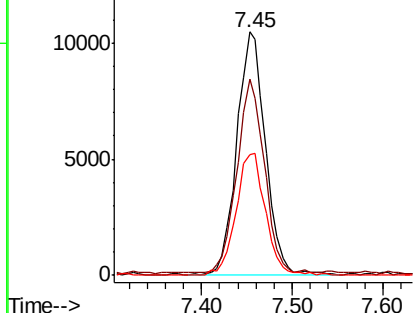
#39
Methylcyclohexane
Concen: 4.387 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tgt Ion: 83 Resp: 23045
Ion Ratio Lower Upper
83 100
55 79.4 59.6 89.4
98 49.7 41.4 62.0

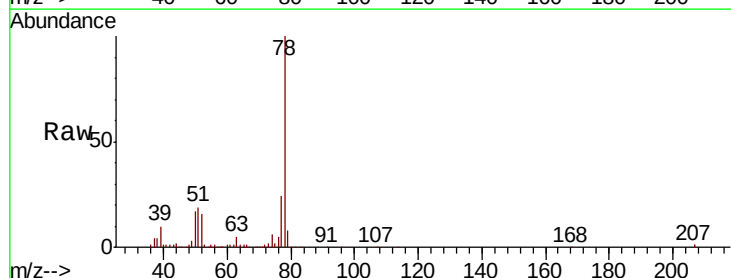


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

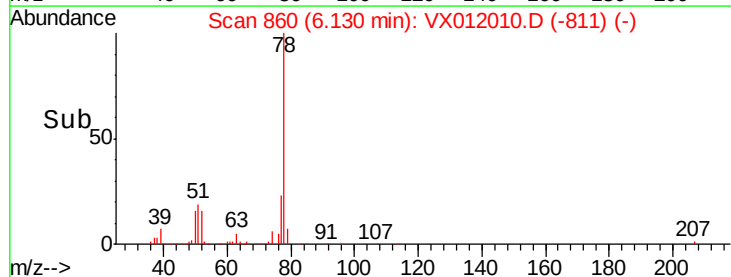
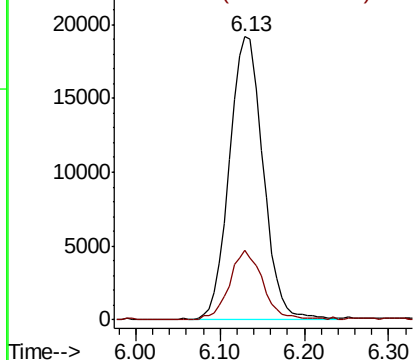


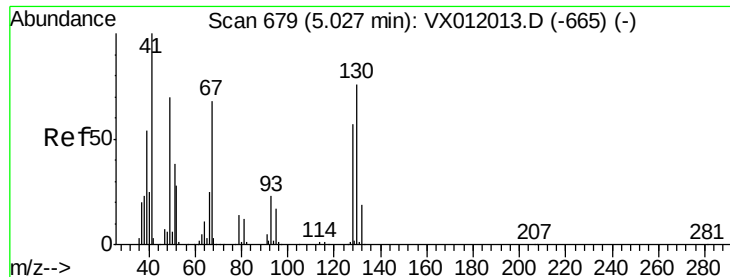
#40
Benzene
Concen: 4.032 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion: 78 Resp: 52251
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9



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

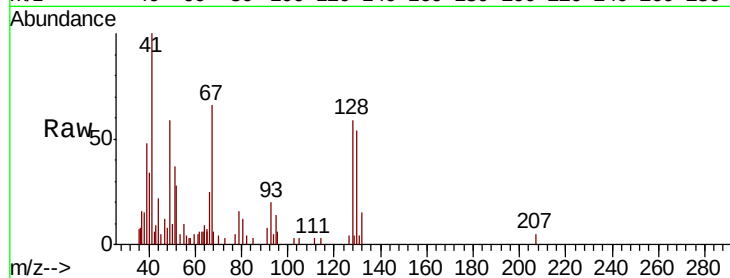




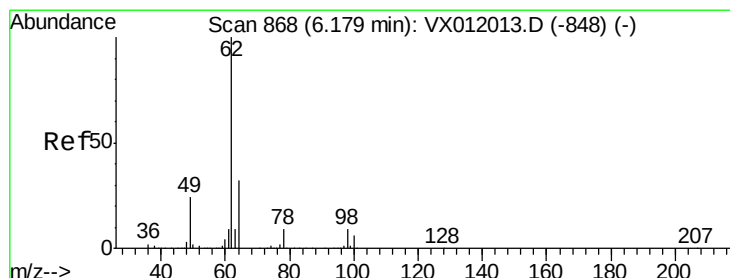
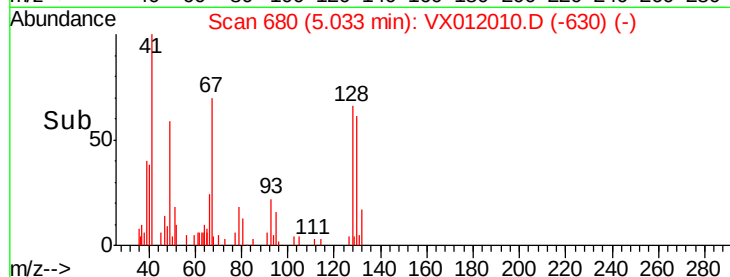
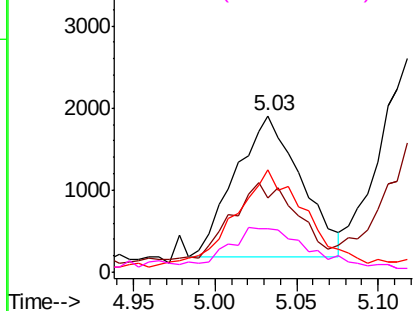
#41
Methacrylonitrile
Concen: 3.230 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 4822
Ion Ratio Lower Upper
41 100
39 68.9 46.7 70.1
67 75.1 57.0 85.6
52 42.9 23.5 35.3#

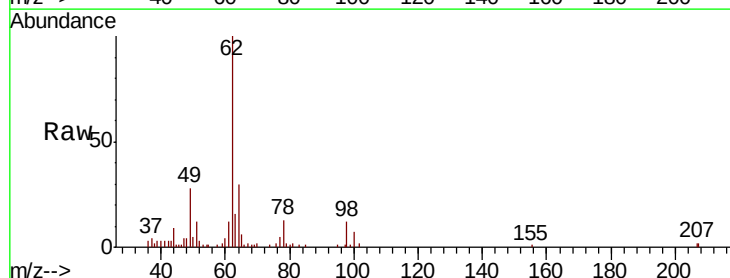


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

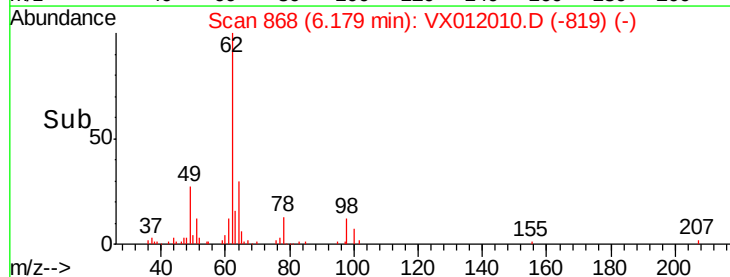
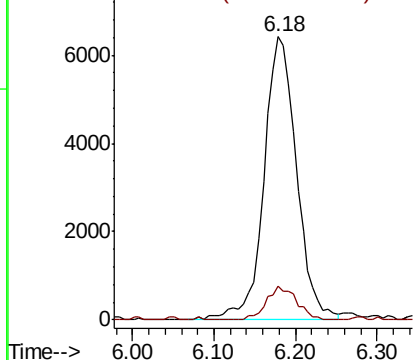


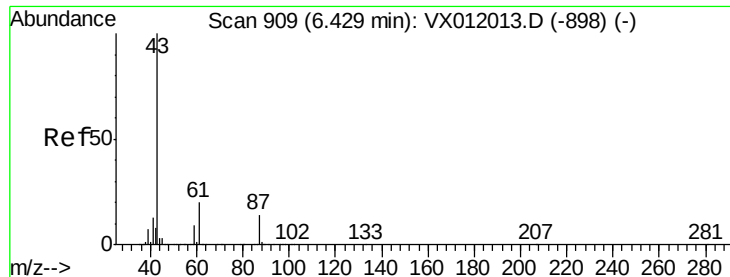
#42
1,2-Dichloroethane
Concen: 4.042 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion: 62 Resp: 17785
Ion Ratio Lower Upper
62 100
98 11.0 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: 3.550 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

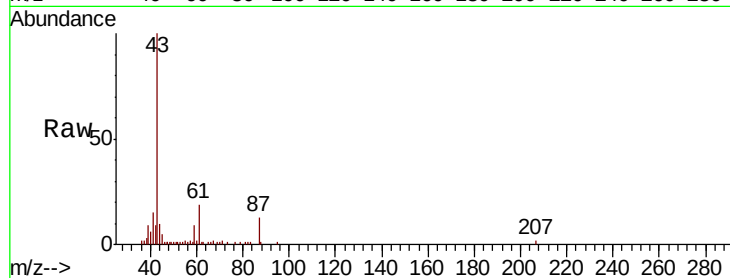
Tgt Ion: 43 Resp: 18221

Ion Ratio Lower Upper

43 100

61 21.4 16.1 24.1

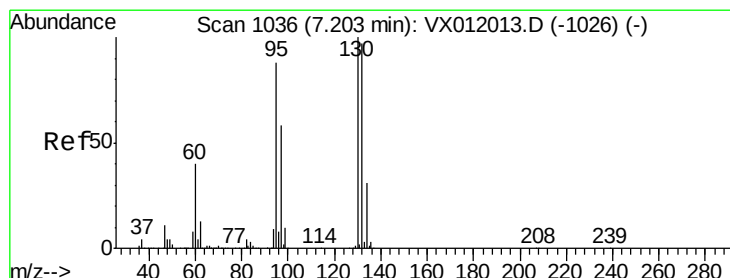
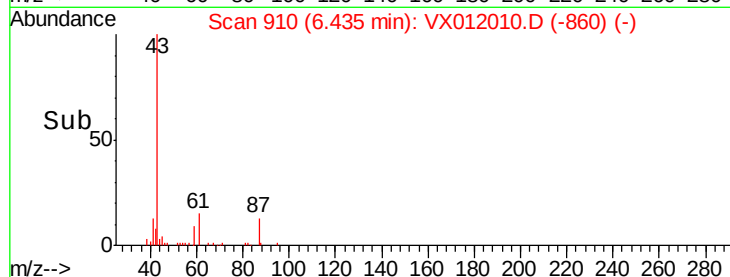
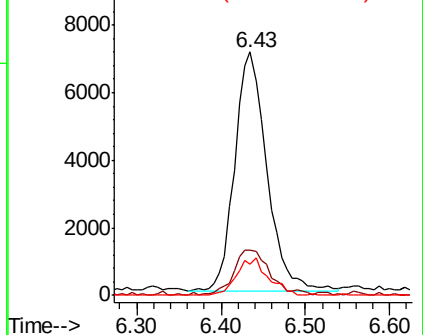
87 15.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX012010.D (-860) (-)

Ion 61.00 (60.70 to 61.70): VX012010.D (-860) (-)

Ion 87.00 (86.70 to 87.70): VX012010.D (-860) (-)



#44

Trichloroethene

Concen: 4.257 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012010.D

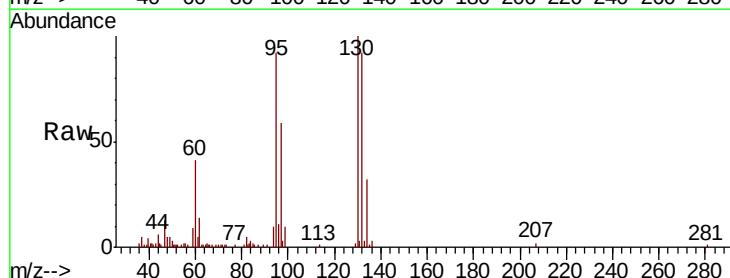
Acq: 02 Sep 2019 12:27

Tgt Ion: 130 Resp: 17300

Ion Ratio Lower Upper

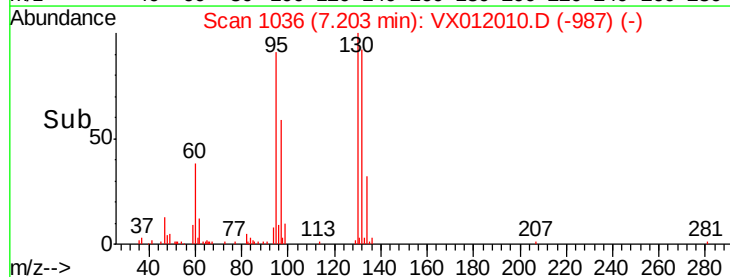
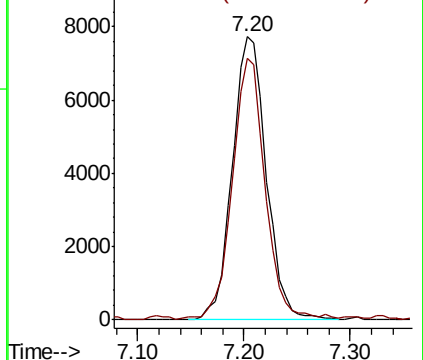
130 100

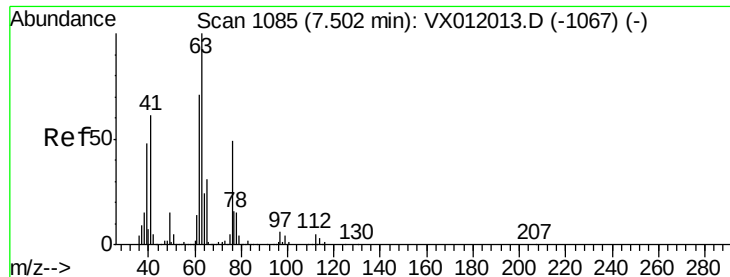
95 91.5 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): VX012010.D (-987) (-)

Ion 94.90 (94.60 to 95.60): VX012010.D (-987) (-)

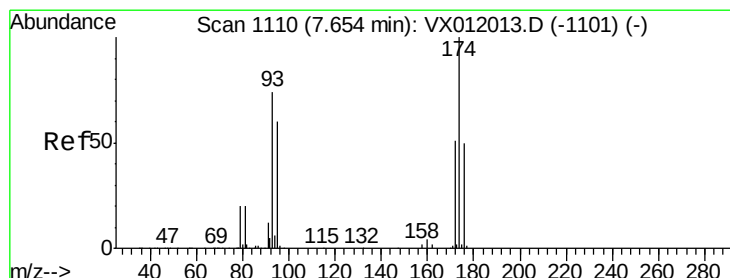
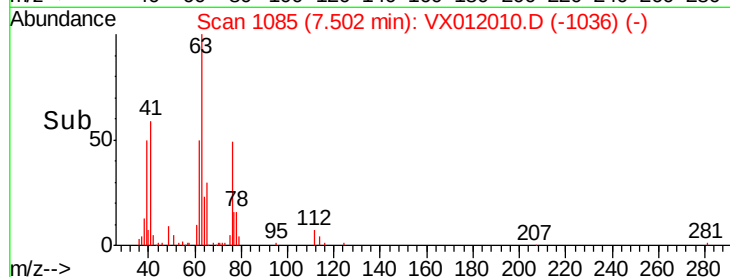
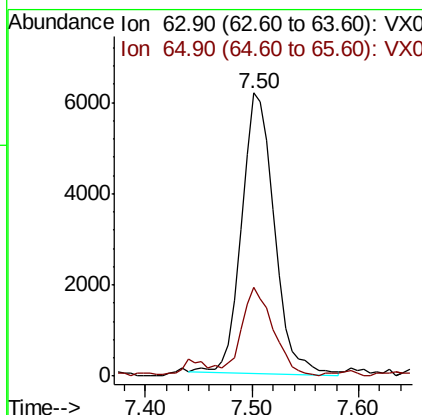
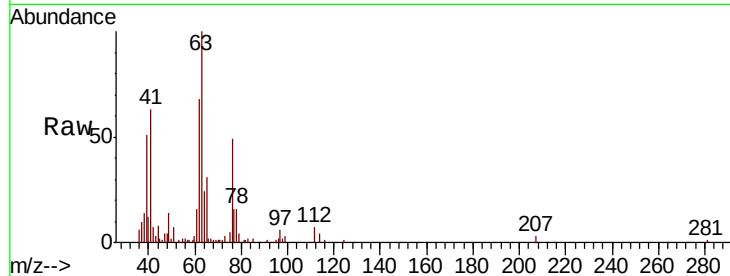




#45
 1,2-Dichloropropane
 Concen: 3.945 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

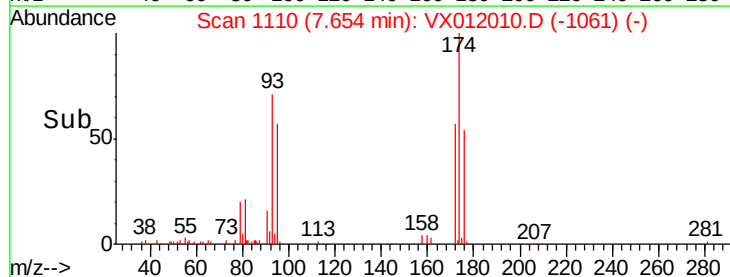
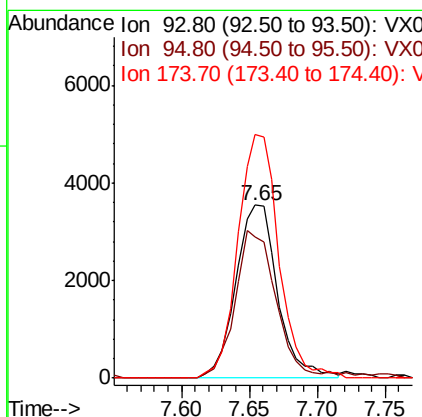
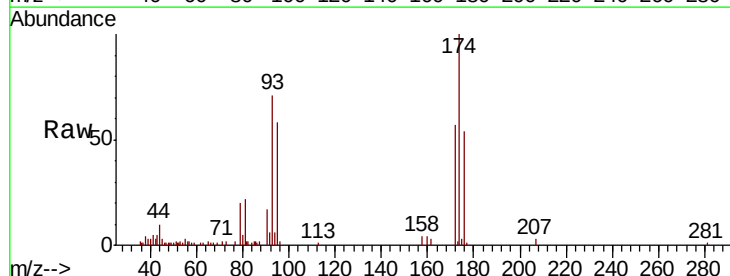
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

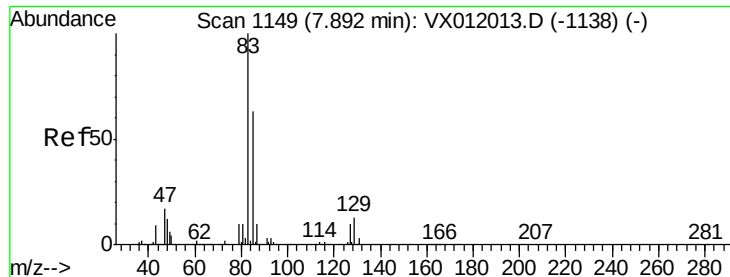
Tgt Ion: 63 Resp: 13297
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 3.792 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion: 93 Resp: 7619
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.2
 174 137.5 110.2 165.4





#47

Bromodichloromethane

Concen: 3.938 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

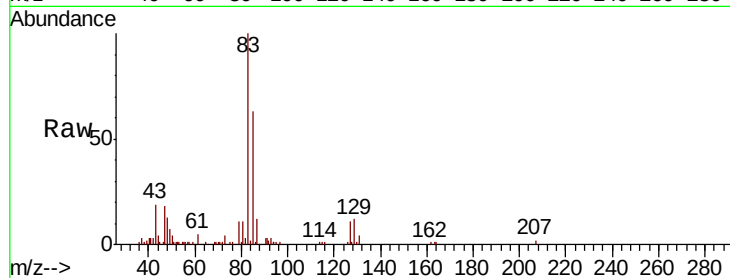
Tgt Ion: 83 Resp: 19591

Ion Ratio Lower Upper

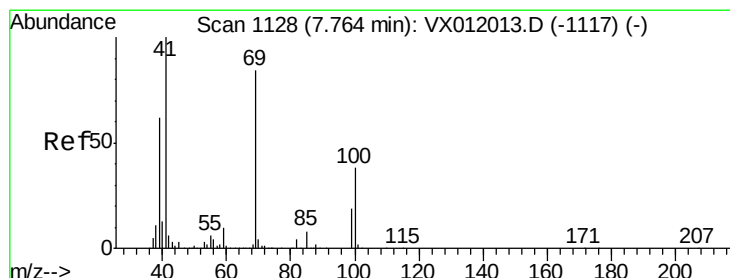
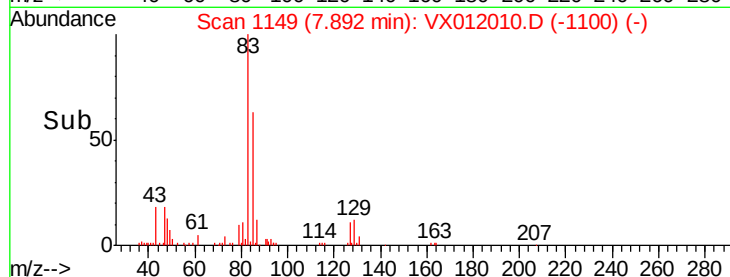
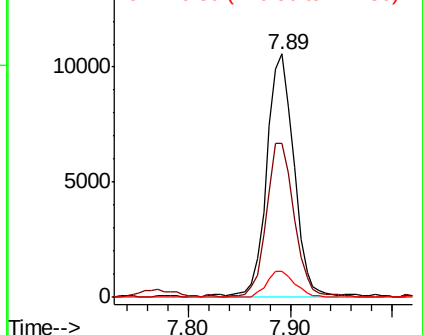
83 100

85 62.6 50.3 75.5

127 10.7 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: 3.510 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

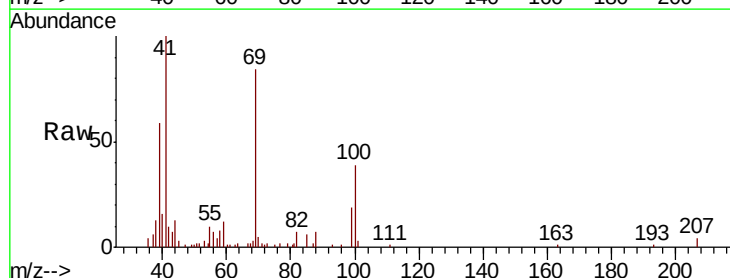
Tgt Ion: 41 Resp: 8766

Ion Ratio Lower Upper

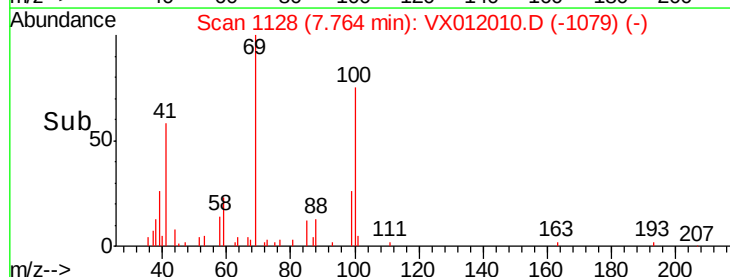
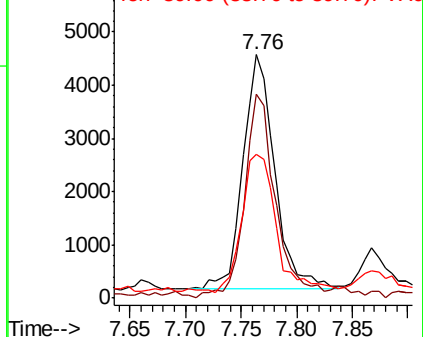
41 100

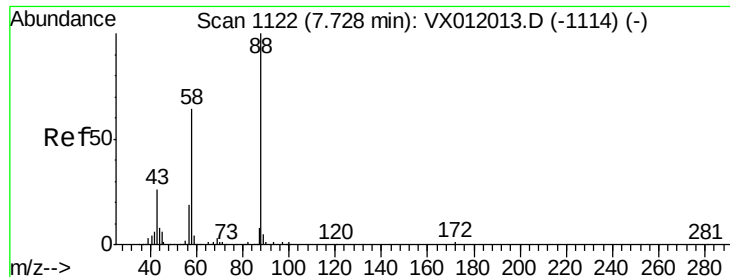
69 85.6 66.3 99.5

39 63.9 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: 78.131 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

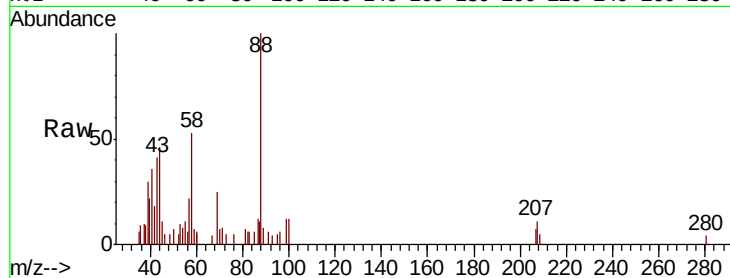
Tgt Ion: 88 Resp: 2669

Ion Ratio Lower Upper

88 100

43 31.7 29.8 44.6

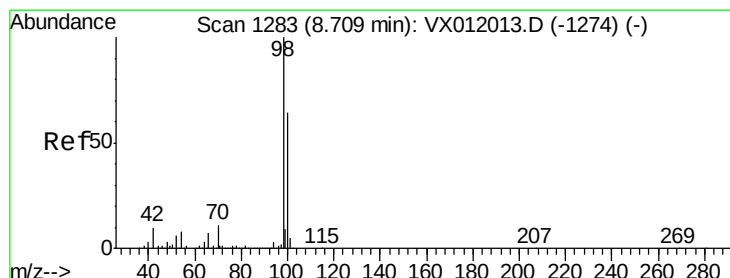
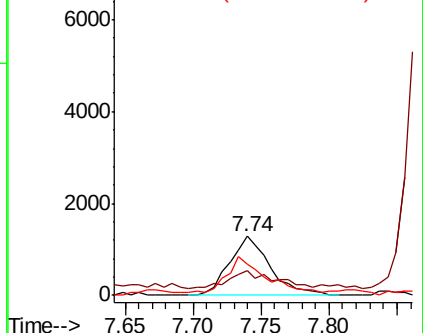
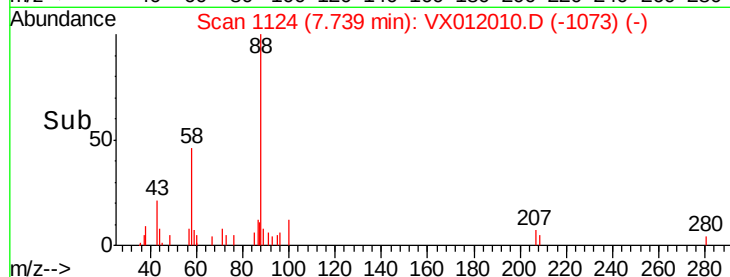
58 67.7 55.4 83.2



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: 5.579 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012010.D

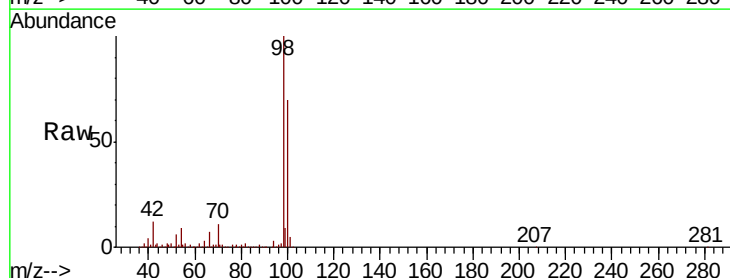
Acq: 02 Sep 2019 12:27

Tgt Ion: 98 Resp: 71337

Ion Ratio Lower Upper

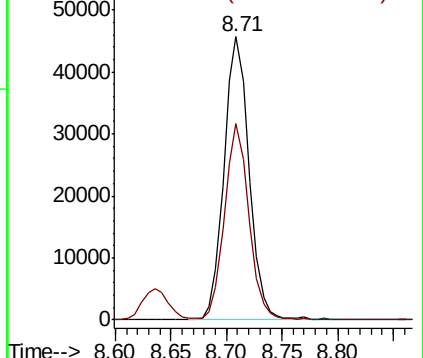
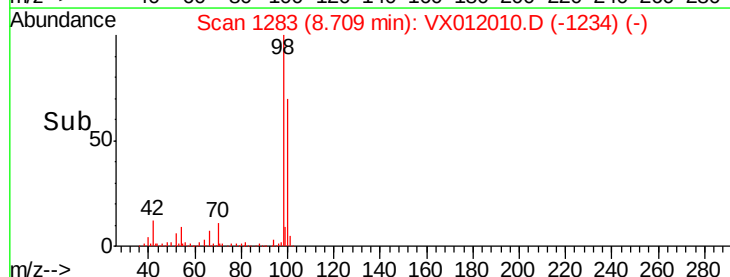
98 100

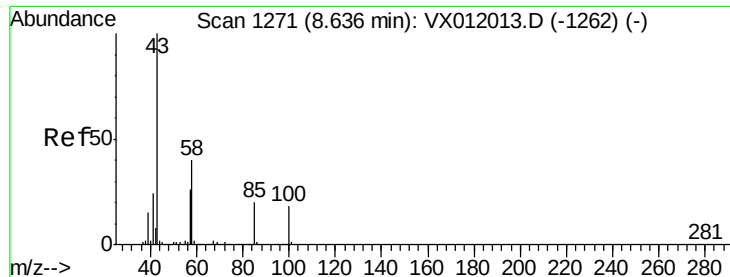
100 67.3 53.3 79.9



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: 17.422 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

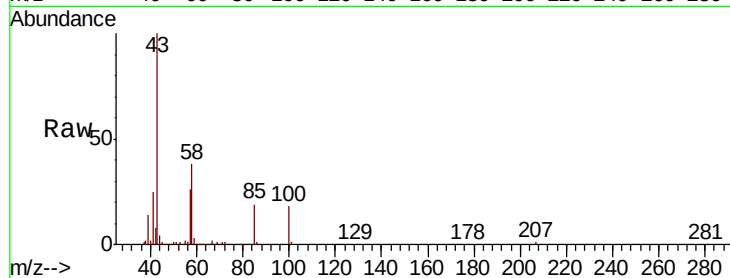
VSTDIC005

Tgt Ion: 43 Resp: 45344

Ion Ratio Lower Upper

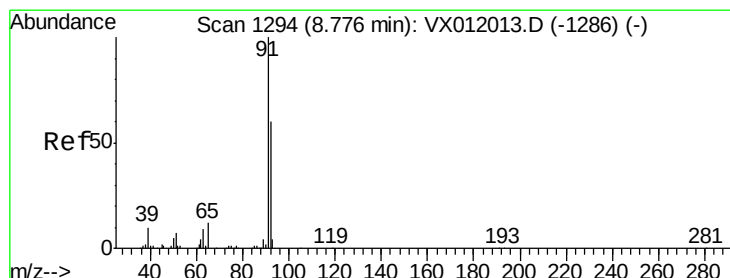
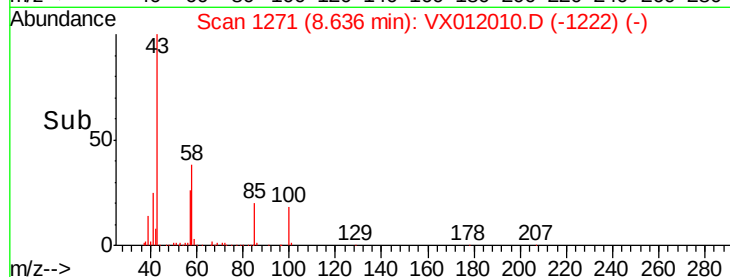
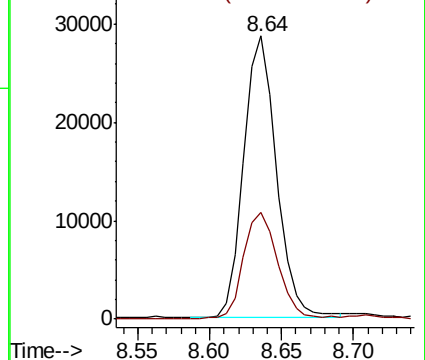
43 100

58 40.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.098 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012010.D

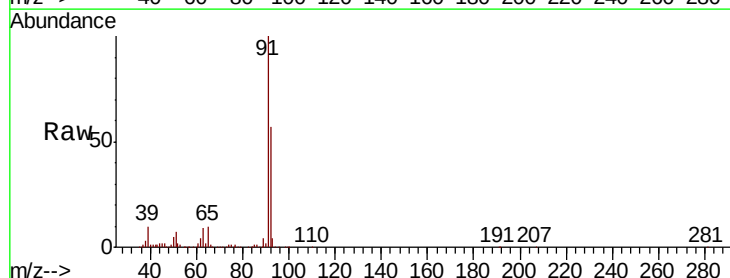
Acq: 02 Sep 2019 12:27

Tgt Ion: 92 Resp: 35288

Ion Ratio Lower Upper

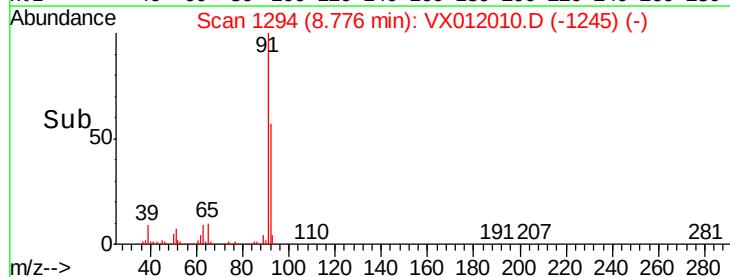
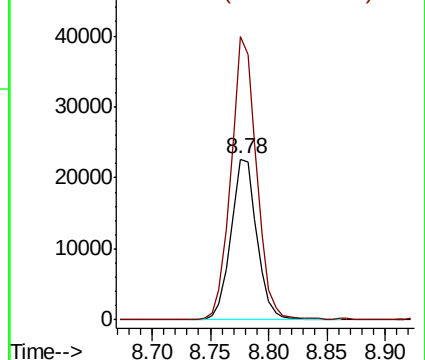
92 100

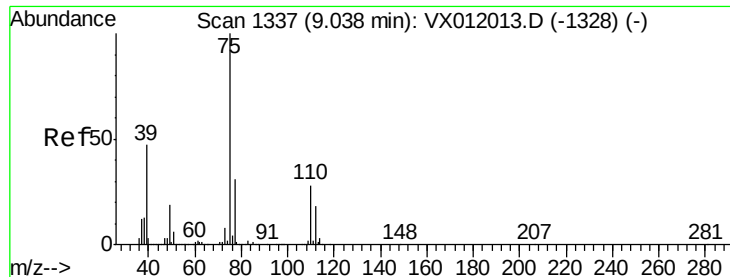
91 173.3 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 3.802 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

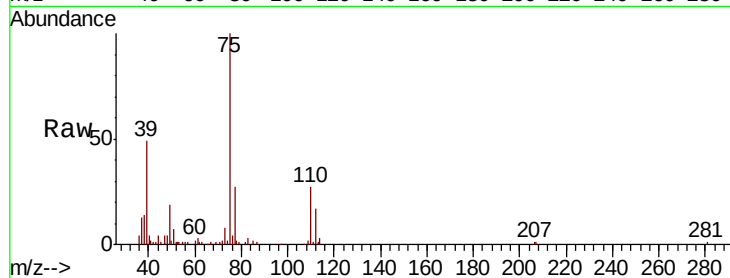
VSTDIC005

Tgt Ion: 75 Resp: 19368

Ion Ratio Lower Upper

75 100

77 26.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

15000

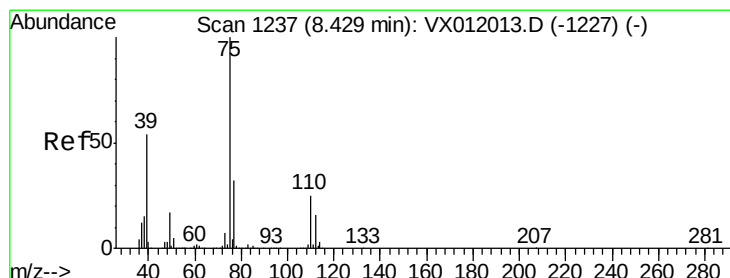
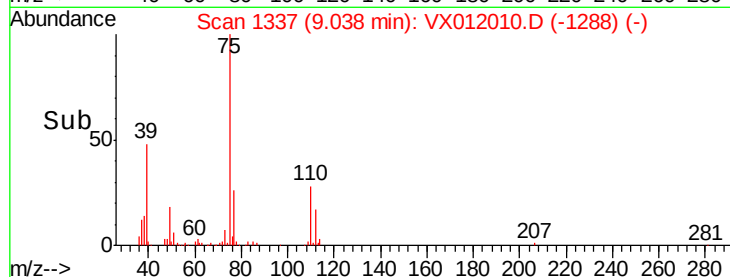
10000

5000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 3.848 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

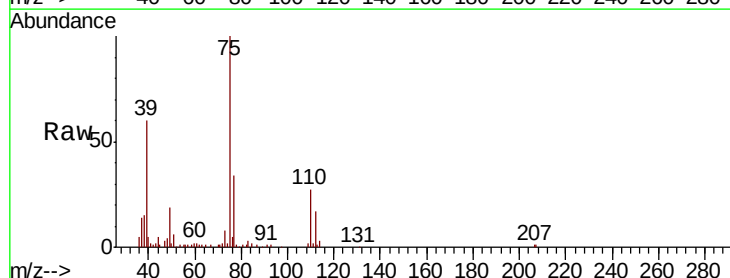
Tgt Ion: 75 Resp: 22002

Ion Ratio Lower Upper

75 100

77 33.6 25.5 38.3

39 58.7 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

8.43

15000

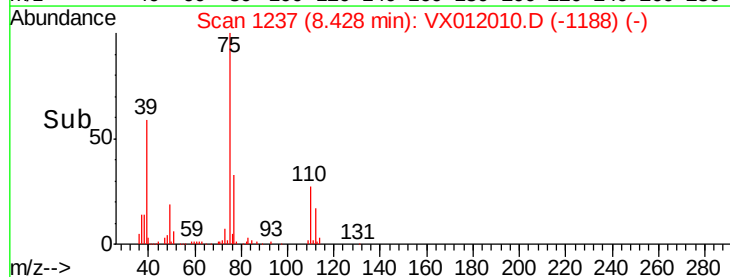
10000

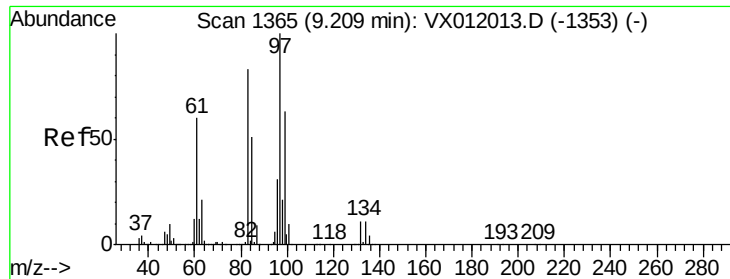
5000

0

Time-->

8.40 8.50

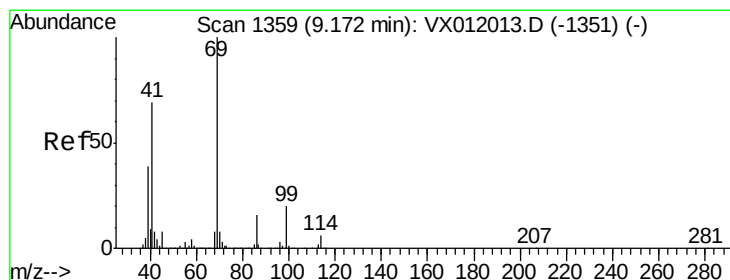
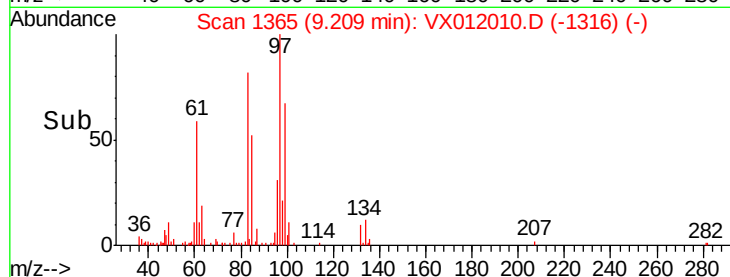
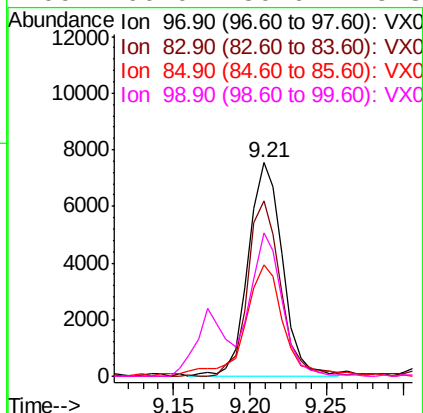
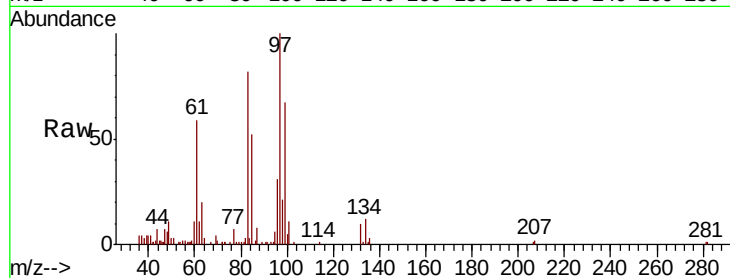




#55
 1,1,2-Trichloroethane
 Concen: 4.015 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

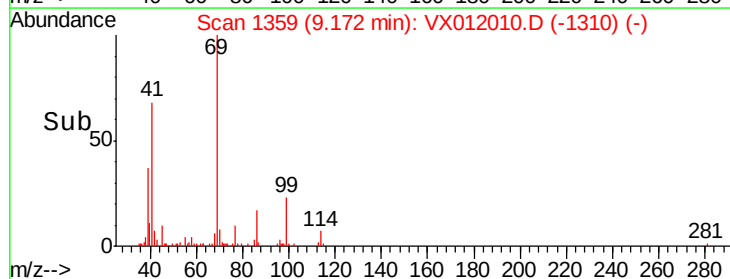
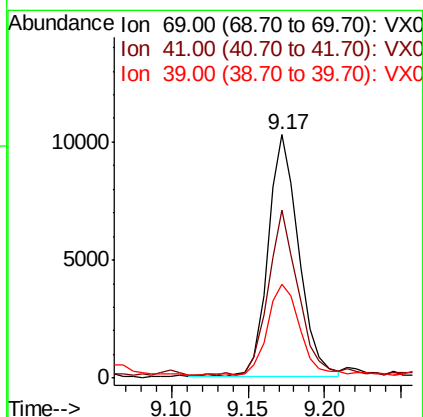
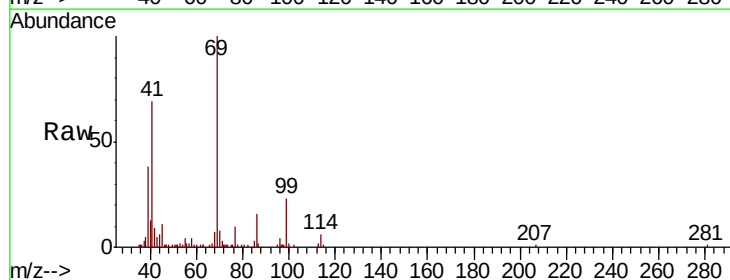
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

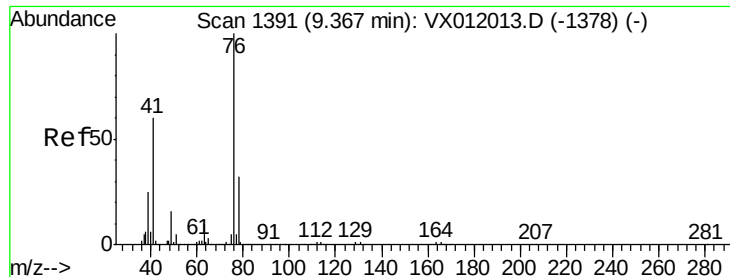
Tgt Ion:	97	Resp:	11805
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.0	99.0
85	50.8	41.0	61.6
99	66.0	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 3.538 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion:	69	Resp:	14334
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.9	80.9
39	40.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 3.820 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

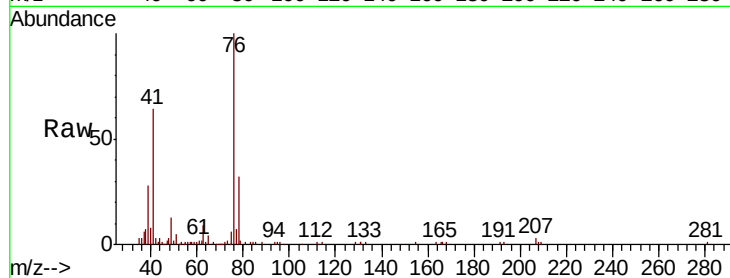
VSTDIC005

Tgt Ion: 76 Resp: 18601

Ion Ratio Lower Upper

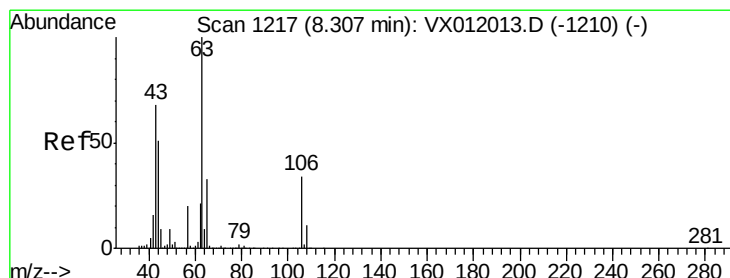
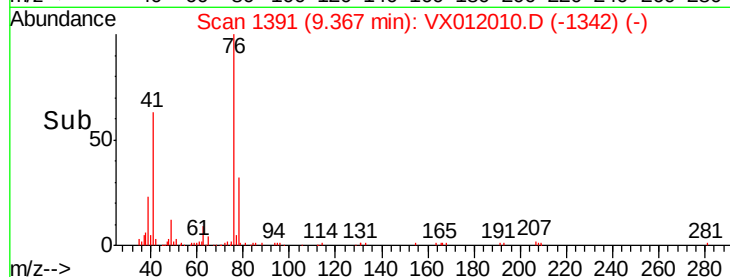
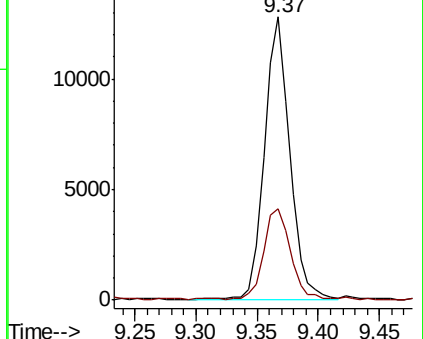
76 100

78 34.7 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: 19.479 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012010.D

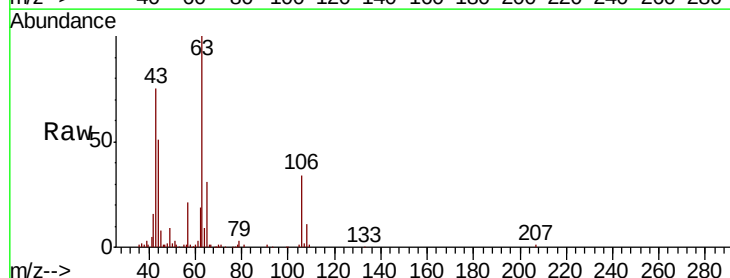
Acq: 02 Sep 2019 12:27

Tgt Ion: 63 Resp: 36995

Ion Ratio Lower Upper

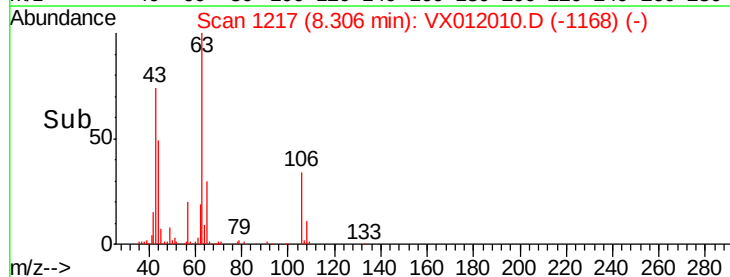
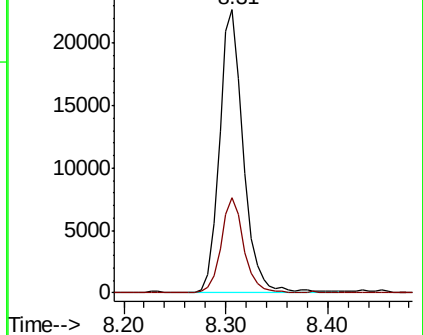
63 100

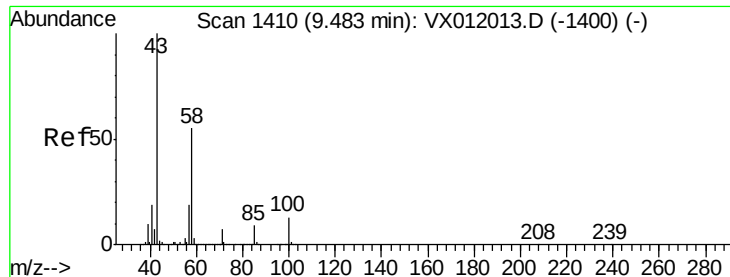
106 32.1 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

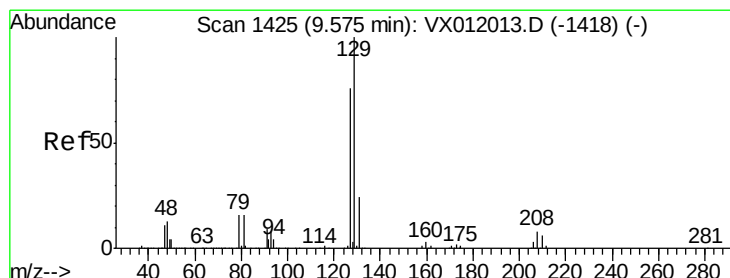
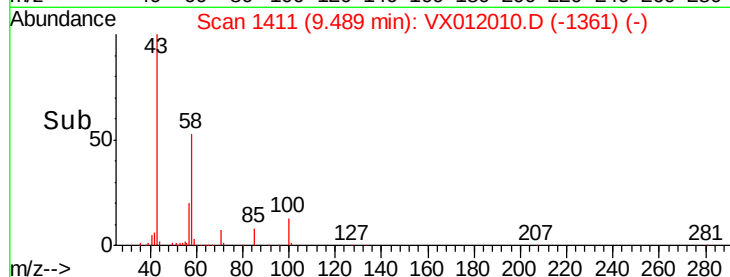
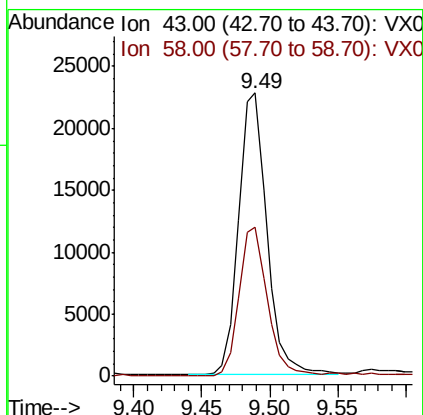
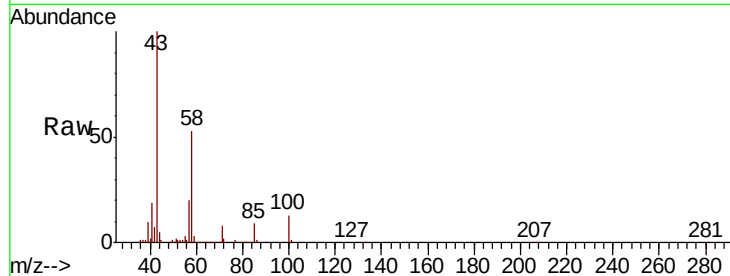




#59
2-Hexanone
Concen: 17.739 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

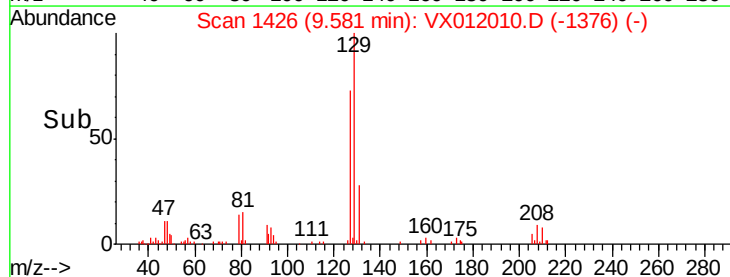
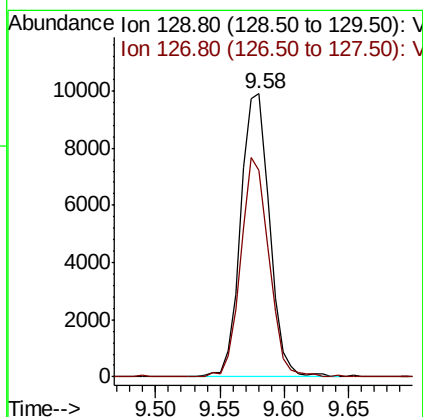
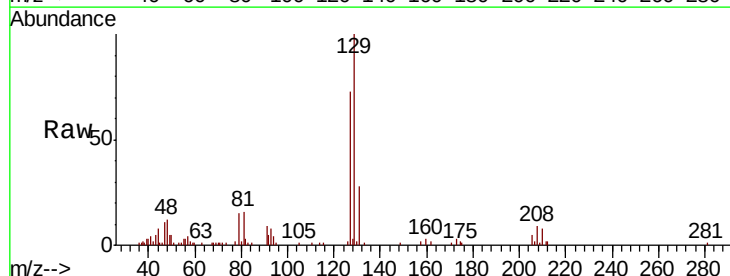
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

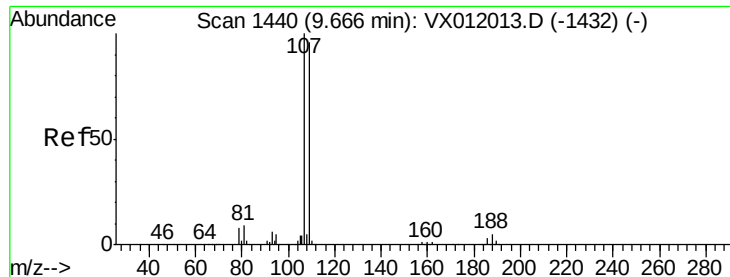
Tgt Ion: 43 Resp: 32820
Ion Ratio Lower Upper
43 100
58 53.3 27.2 81.6



#60
Dibromochloromethane
Concen: 3.867 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion: 129 Resp: 15308
Ion Ratio Lower Upper
129 100
127 75.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 3.936 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

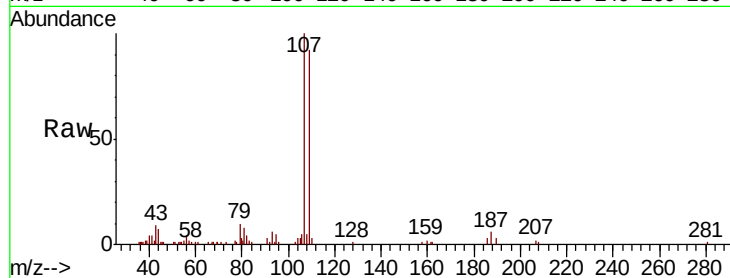
VSTDIC005

Tgt Ion: 107 Resp: 11473

Ion Ratio Lower Upper

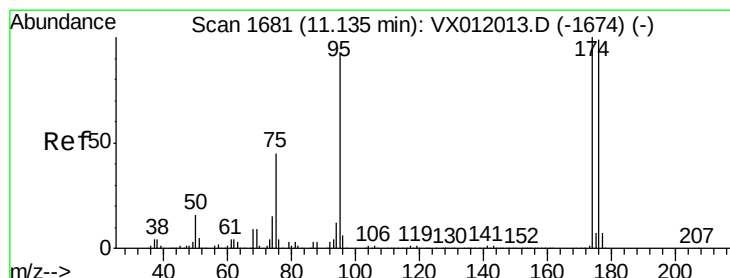
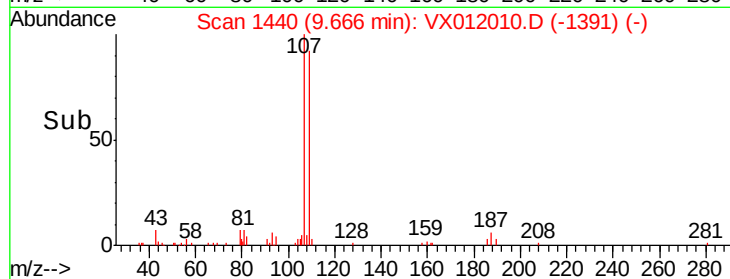
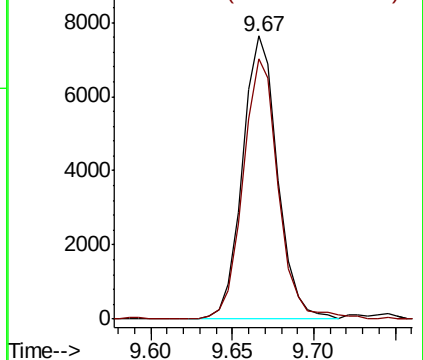
107 100

109 92.4 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.250 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

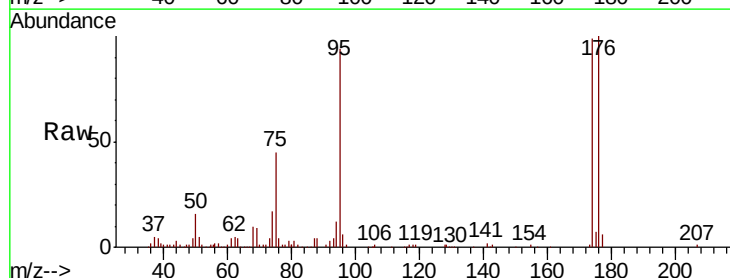
Tgt Ion: 95 Resp: 29343

Ion Ratio Lower Upper

95 100

174 100.0 0.0 205.4

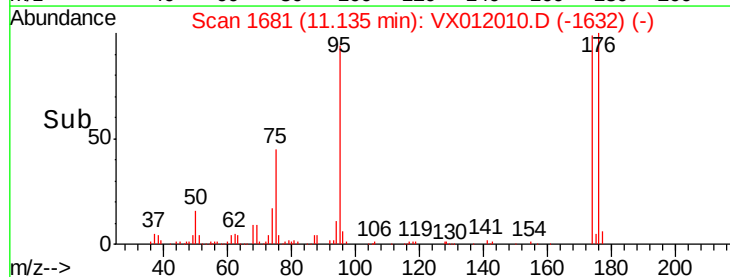
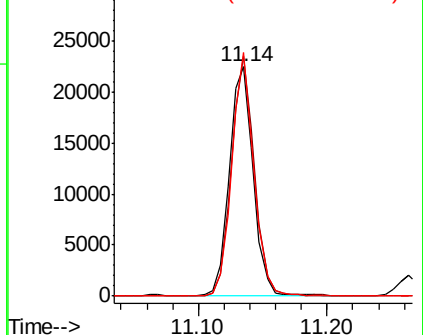
176 97.1 0.0 201.8

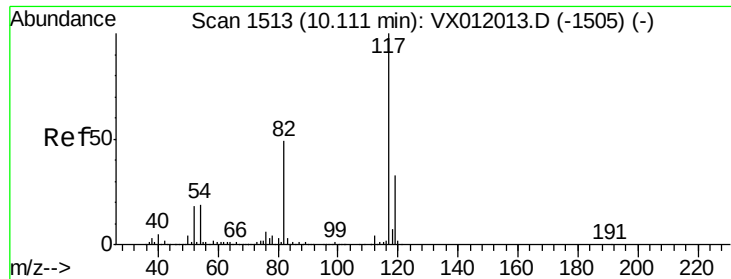


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

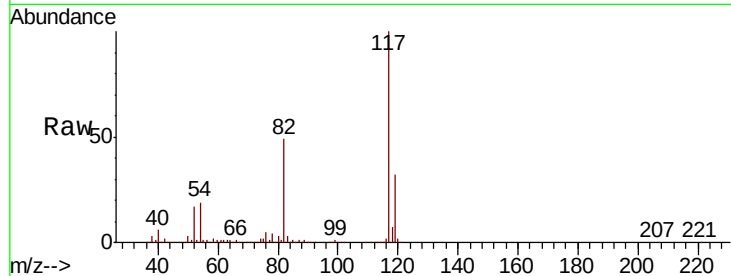




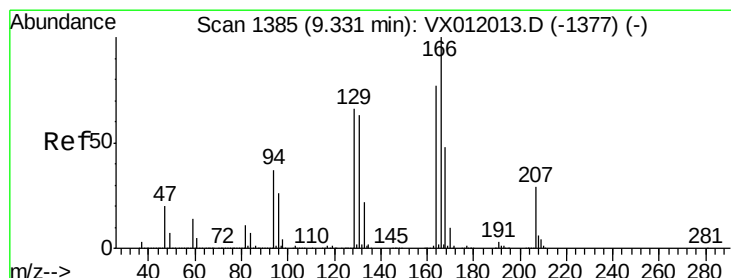
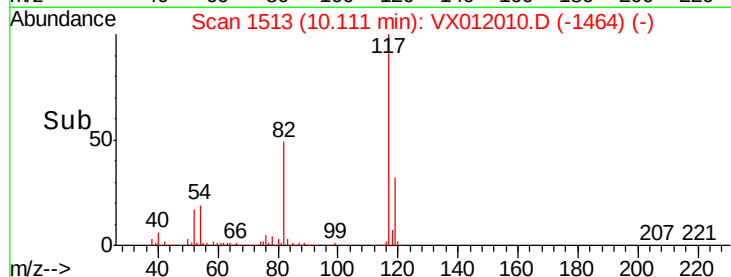
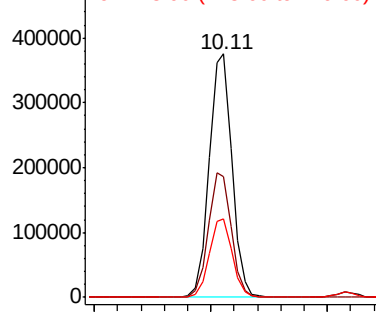
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 512260
Ion Ratio Lower Upper
117 100
82 49.5 39.4 59.0
119 32.3 26.1 39.1

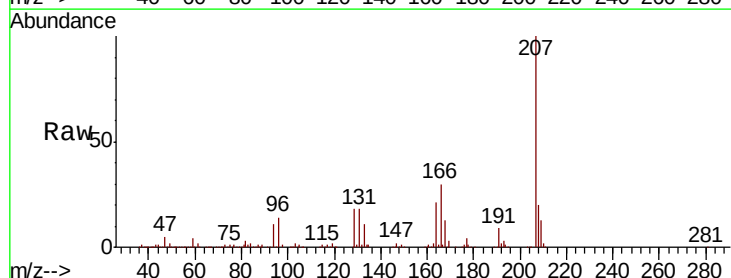


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

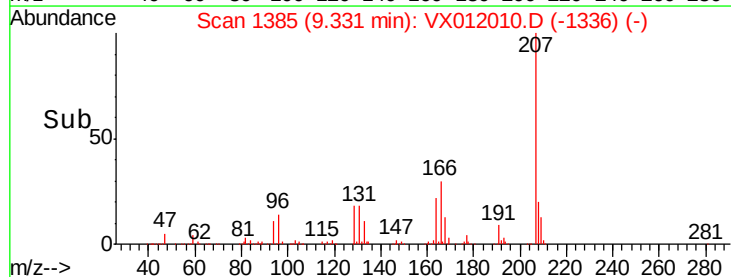
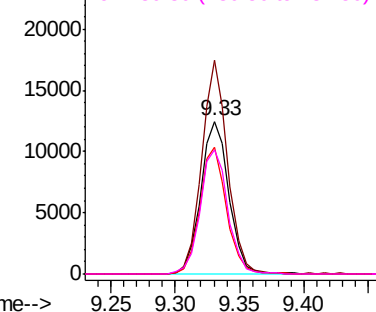


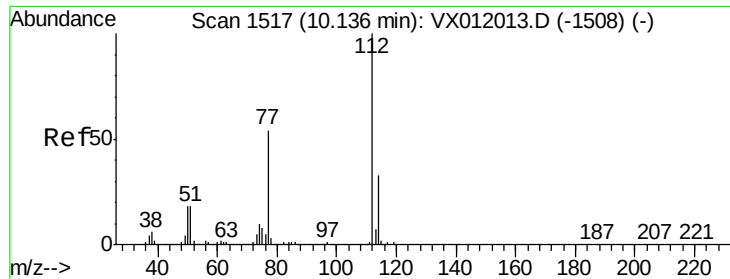
#64
Tetrachloroethene
Concen: 4.576 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion:164 Resp: 18927
Ion Ratio Lower Upper
164 100
166 139.7 104.3 156.5
129 82.6 68.3 102.5
131 81.6 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

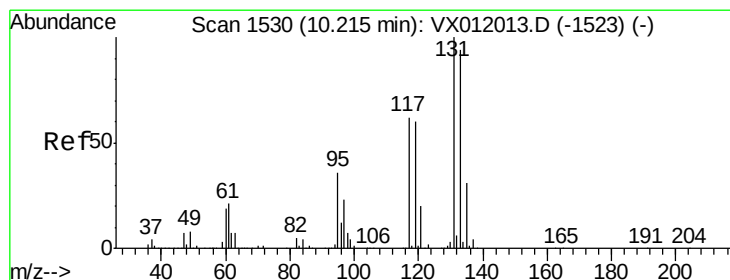
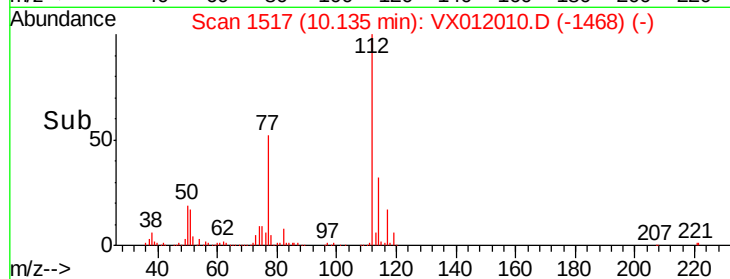
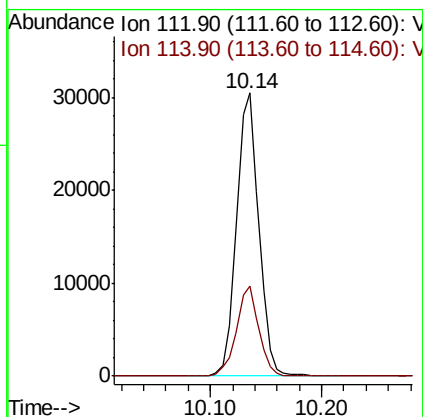
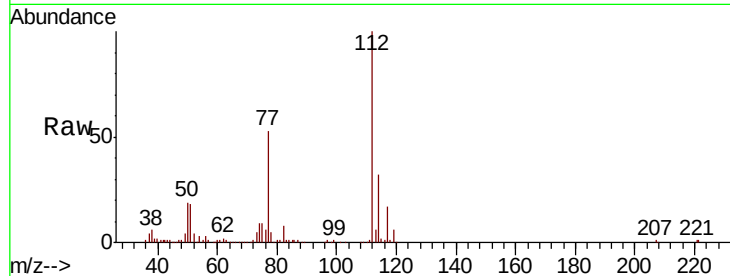




#65
Chlorobenzene
Concen: 4.252 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

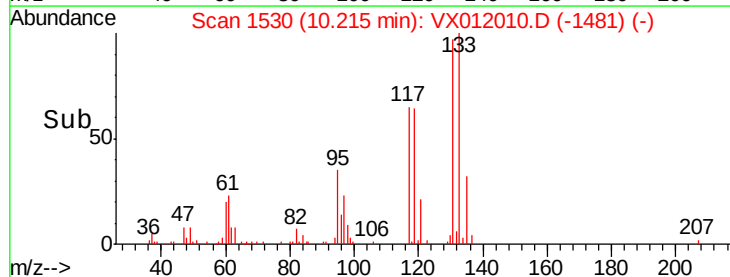
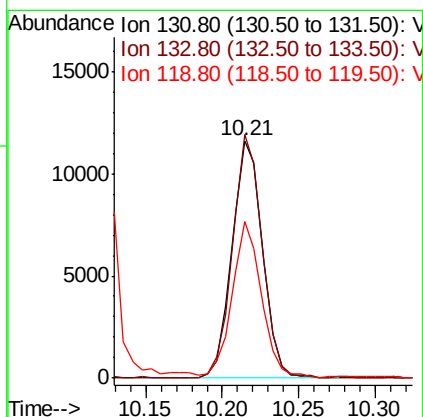
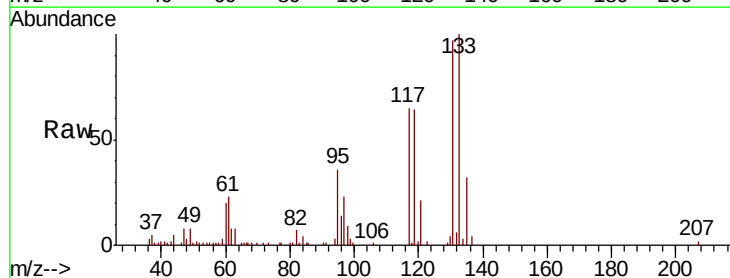
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

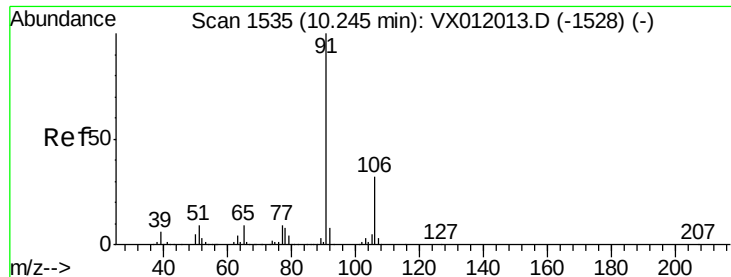
Tgt Ion:112 Resp: 41996
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.011 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion:131 Resp: 15987
Ion Ratio Lower Upper
131 100
133 99.8 48.4 145.0
119 64.1 30.5 91.5





#67

Ethyl Benzene

Concen: 4.228 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

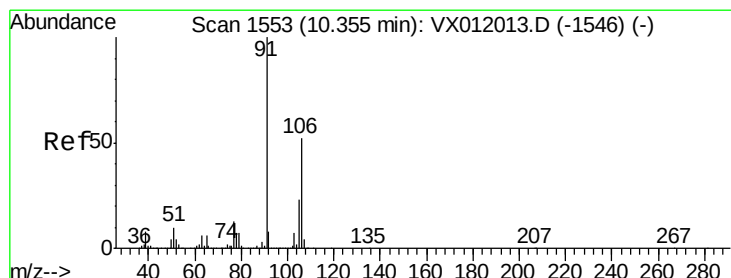
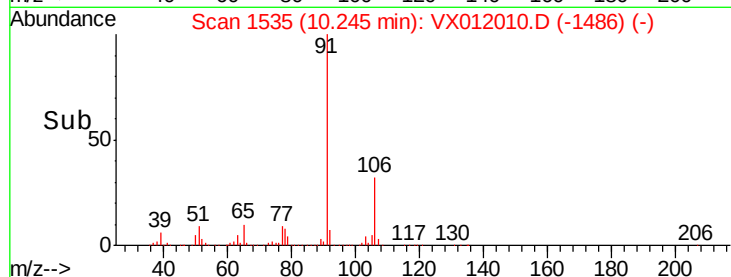
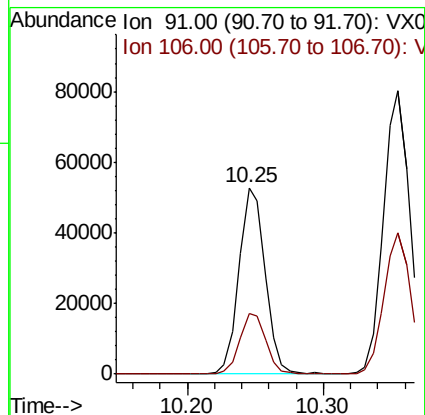
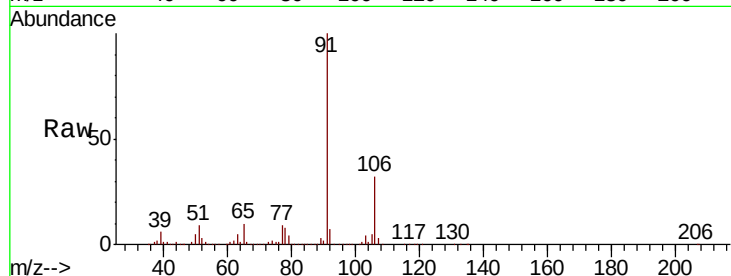
VSTDIC005

Tgt Ion: 91 Resp: 70947

Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.8



#68

m/p-Xylenes

Concen: 8.430 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012010.D

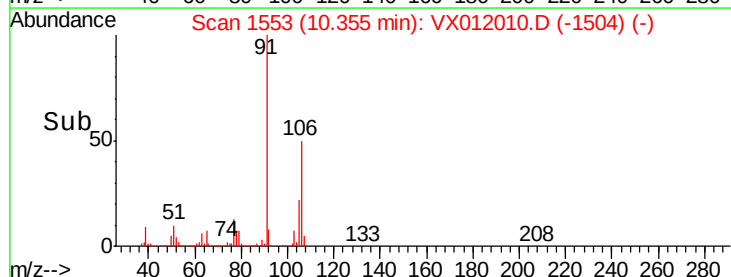
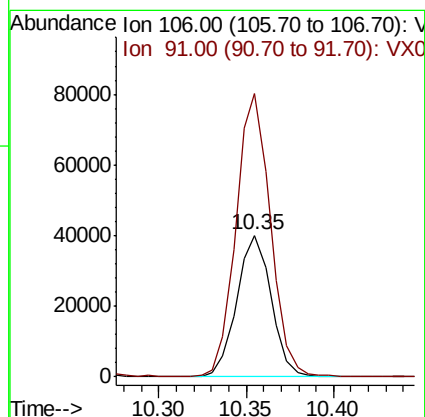
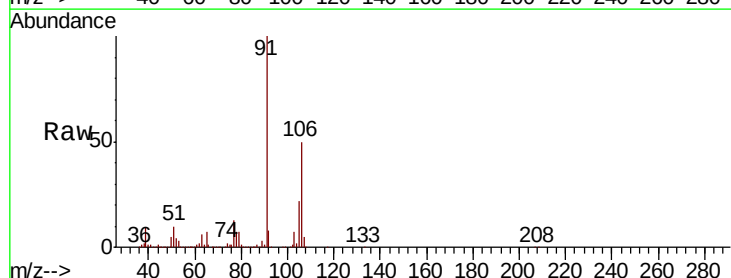
Acq: 02 Sep 2019 12:27

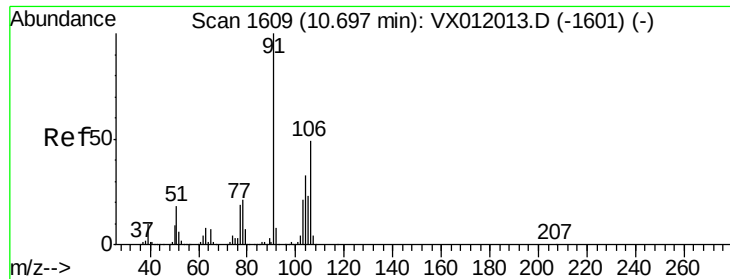
Tgt Ion: 106 Resp: 54696

Ion Ratio Lower Upper

106 100

91 199.6 157.5 236.3

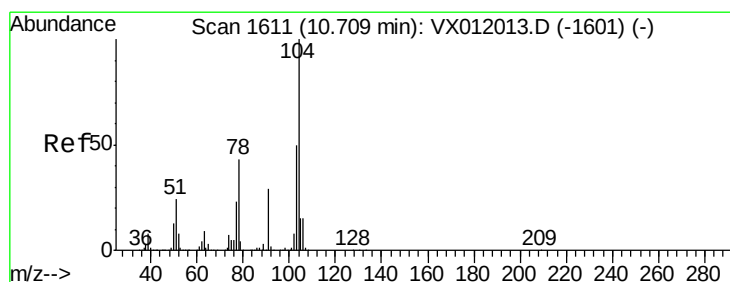
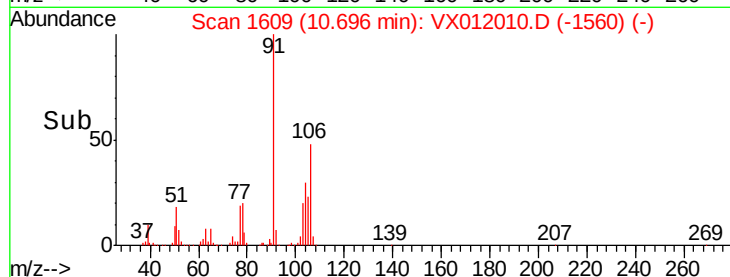
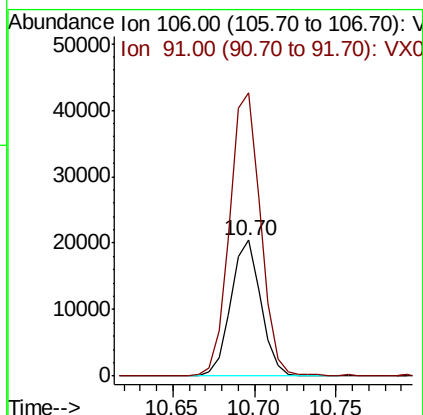
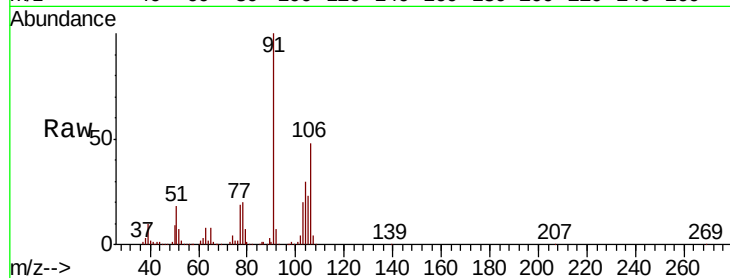




#69
o-Xylene
Concen: 4.175 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

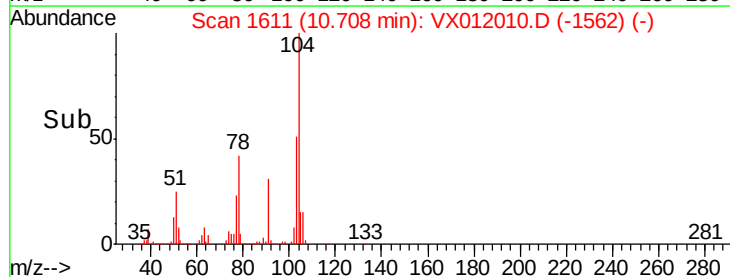
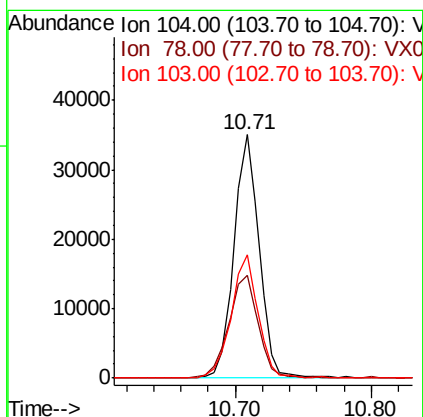
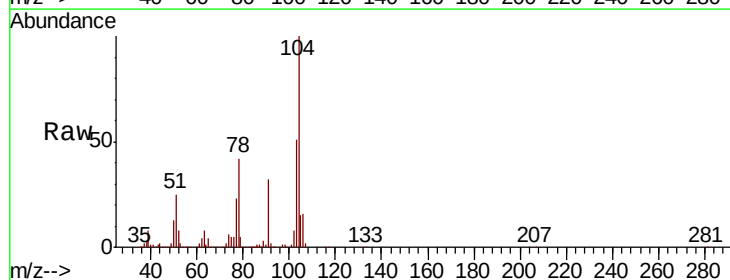
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

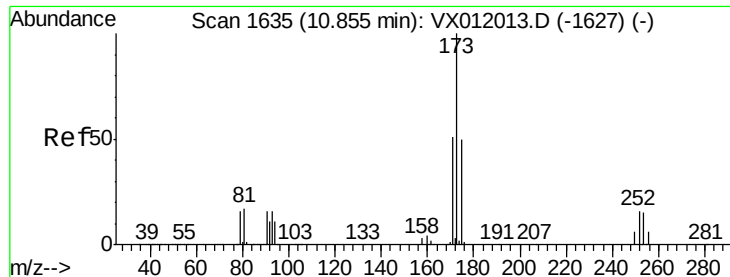
Tgt Ion:106 Resp: 26358
Ion Ratio Lower Upper
106 100
91 212.5 103.5 310.3



#70
Styrene
Concen: 4.083 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion:104 Resp: 45242
Ion Ratio Lower Upper
104 100
78 49.7 39.1 58.7
103 54.4 43.4 65.2

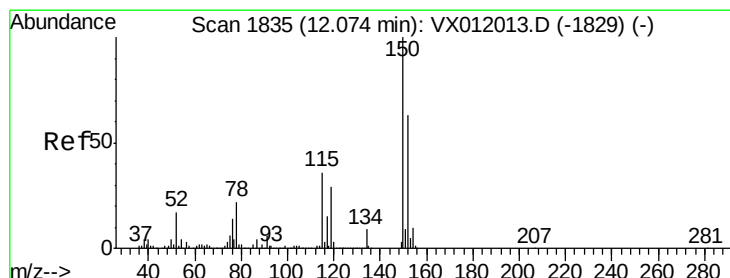
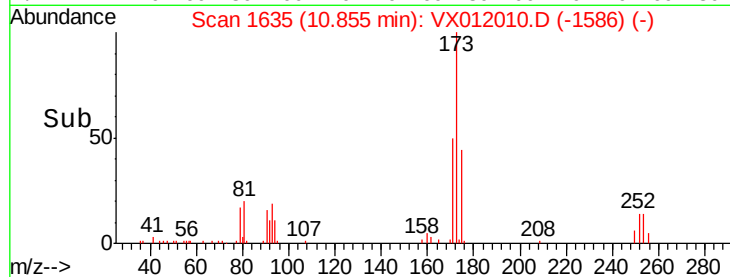
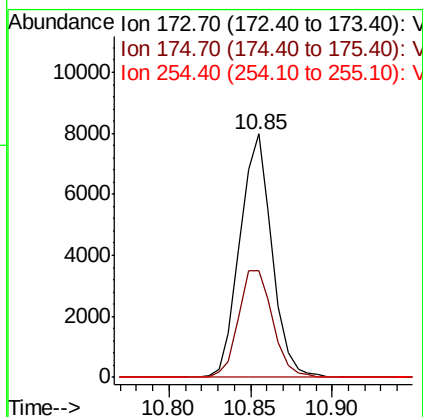
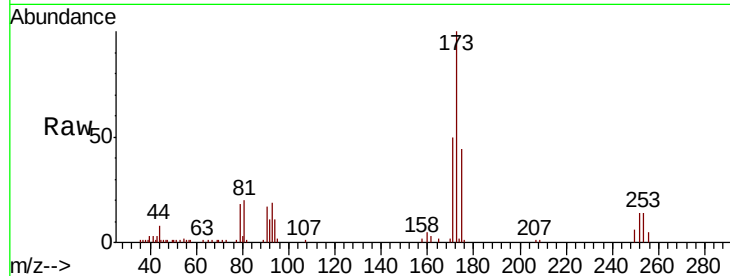




#71
Bromoform
Concen: 3.875 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

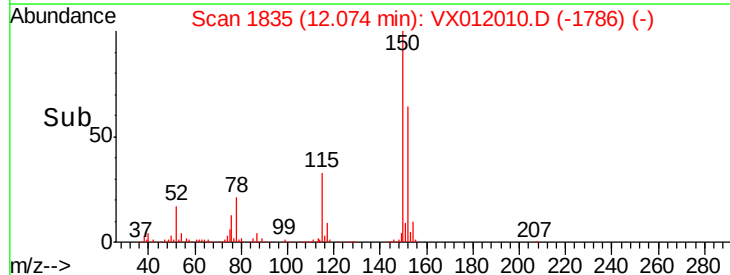
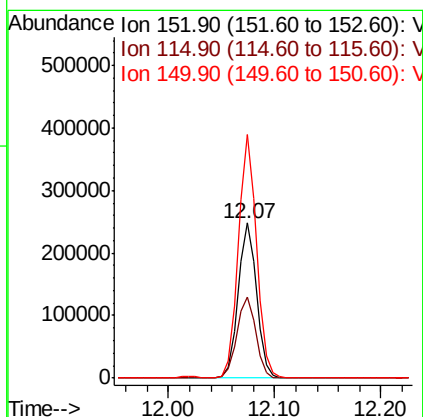
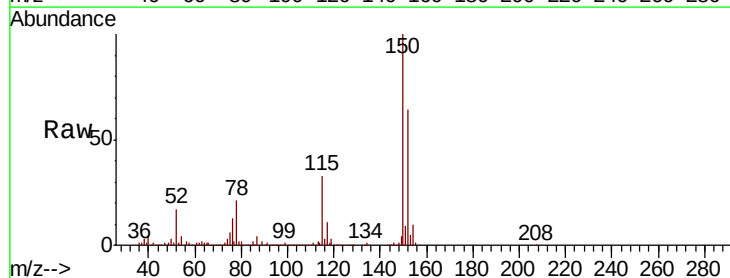
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

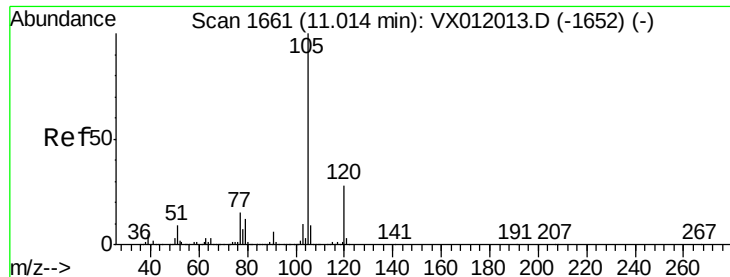
Tgt Ion:173 Resp: 10917
Ion Ratio Lower Upper
173 100
175 46.8 24.9 74.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion:152 Resp: 300777
Ion Ratio Lower Upper
152 100
115 54.0 36.4 109.3
150 155.6 0.0 341.2

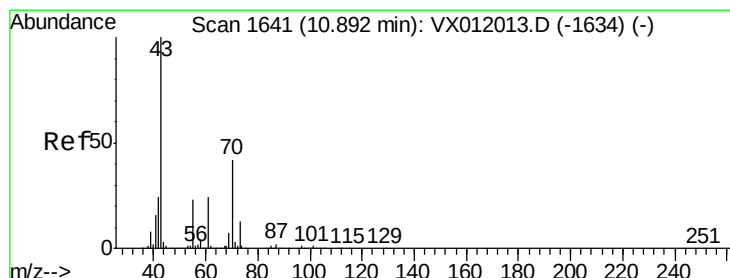
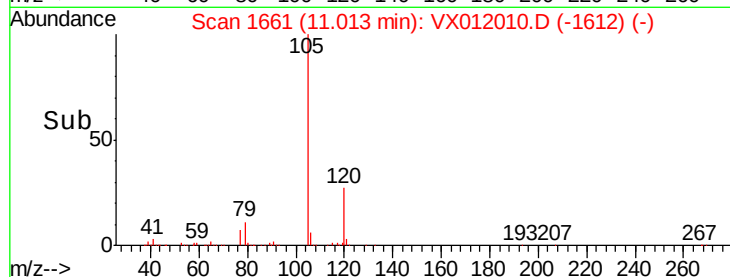
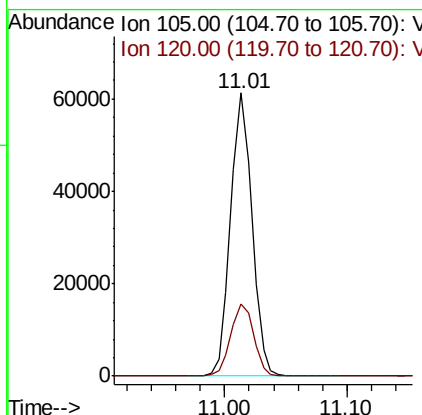
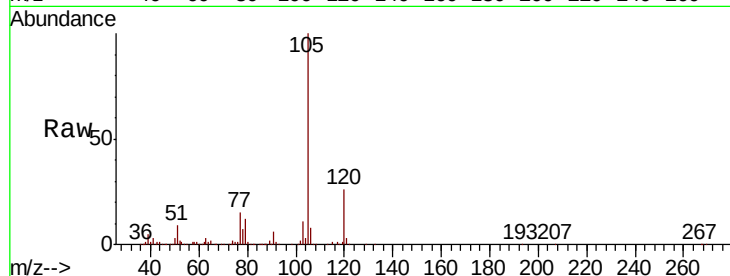




#73
Isopropylbenzene
Concen: 4.308 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

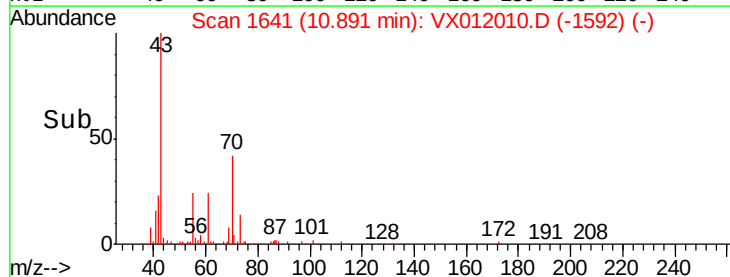
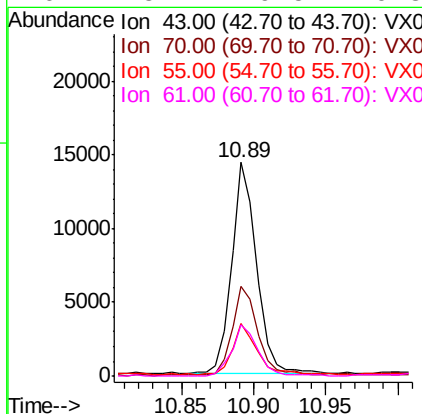
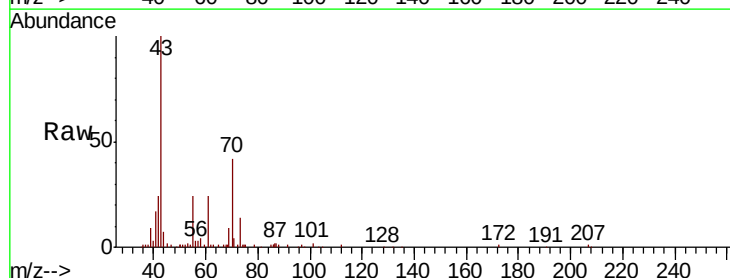
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

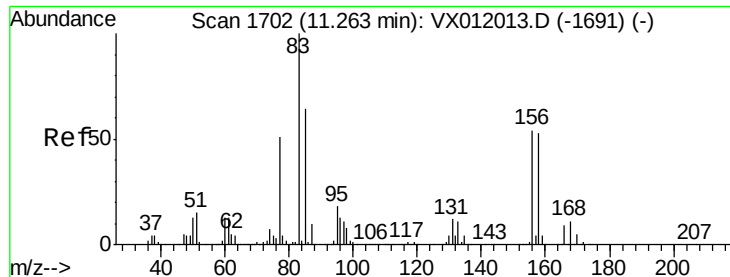
Tgt Ion: 105 Resp: 74335
Ion Ratio Lower Upper
105 100
120 27.3 13.9 41.6



#74
N-ethyl acetate
Concen: 3.436 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion: 43 Resp: 17197
Ion Ratio Lower Upper
43 100
70 45.8 34.4 51.6
55 24.8 18.5 27.7
61 25.2 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 3.795 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

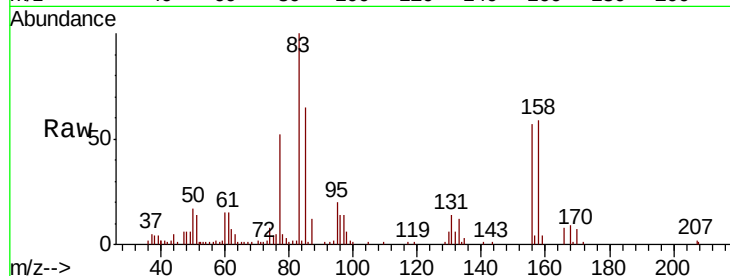
Tgt Ion: 83 Resp: 13173

Ion Ratio Lower Upper

83 100

131 13.0 6.3 19.1

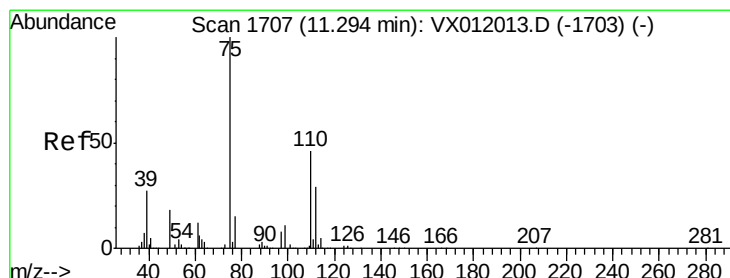
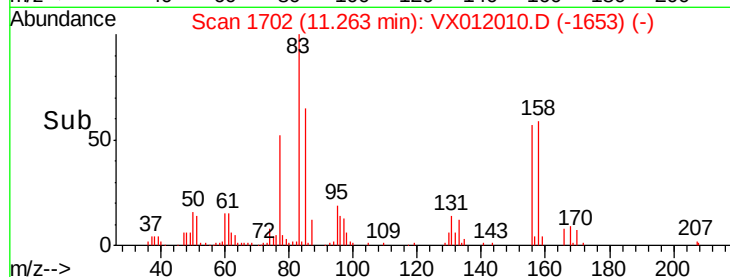
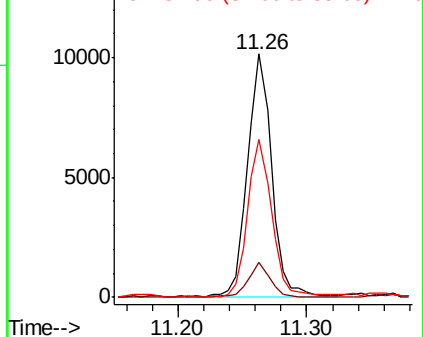
85 64.9 32.5 97.4



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: 4.887 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012010.D

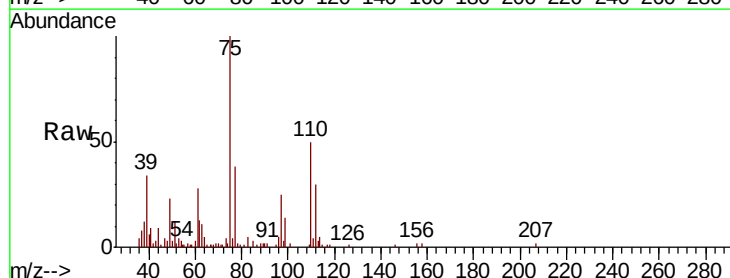
Acq: 02 Sep 2019 12:27

Tgt Ion: 75 Resp: 13915

Ion Ratio Lower Upper

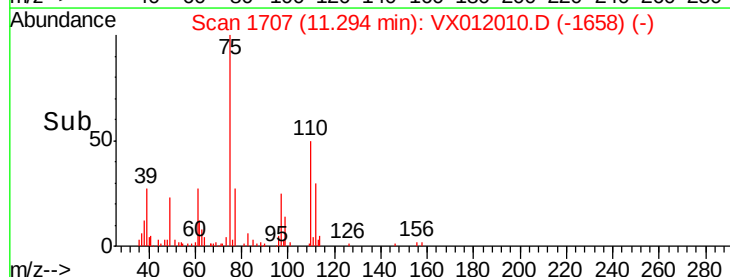
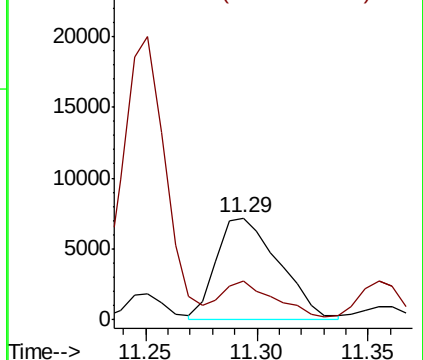
75 100

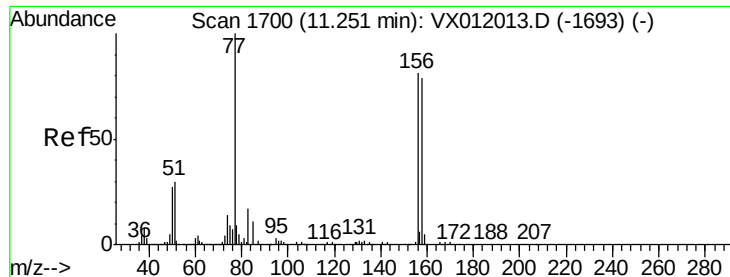
77 32.3 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.276 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

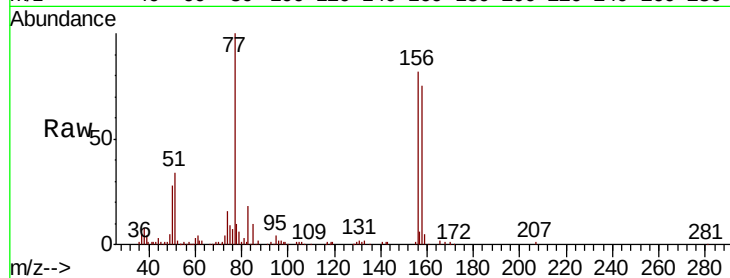
Tgt Ion: 156 Resp: 21405

Ion Ratio Lower Upper

156 100

77 123.7 63.4 190.2

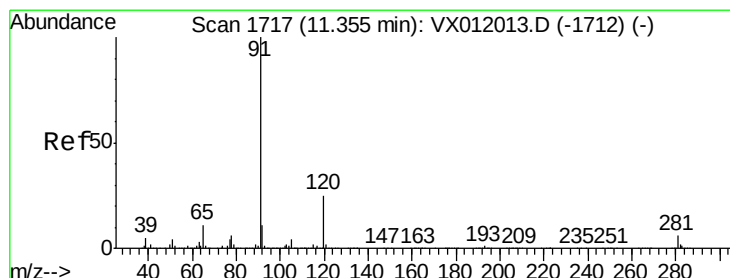
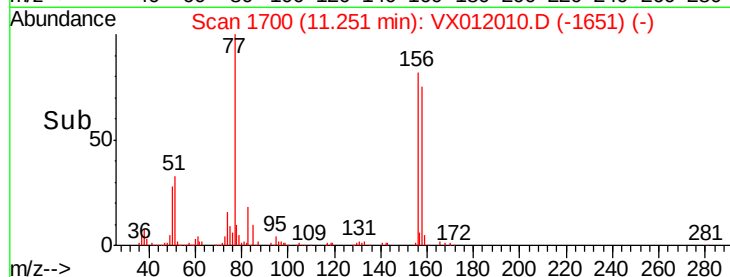
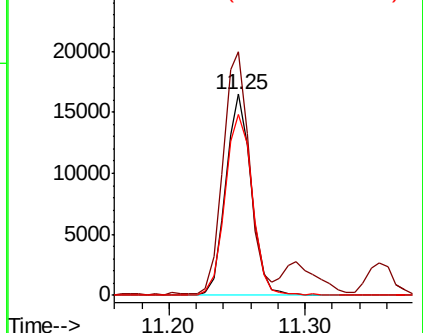
158 96.4 48.9 146.6



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: 4.269 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012010.D

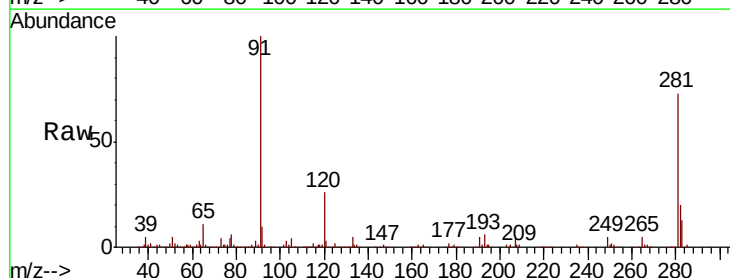
Acq: 02 Sep 2019 12:27

Tgt Ion: 91 Resp: 83248

Ion Ratio Lower Upper

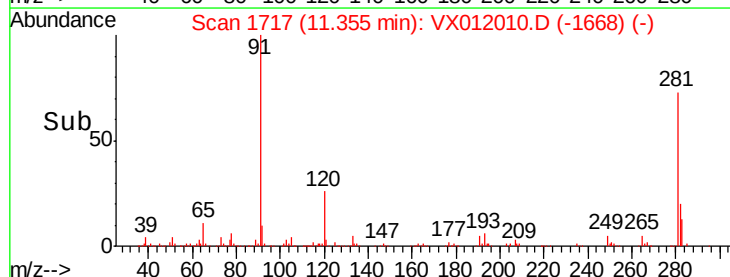
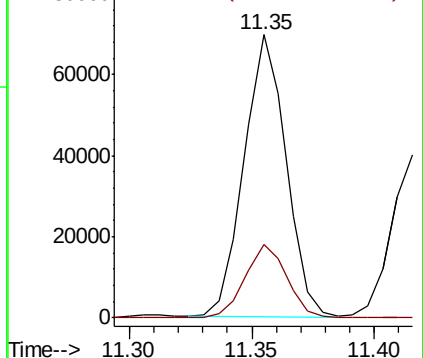
91 100

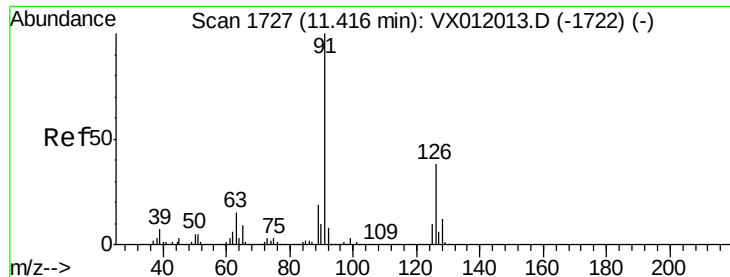
120 26.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.201 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

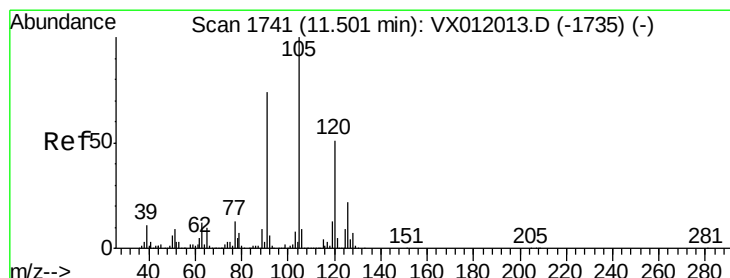
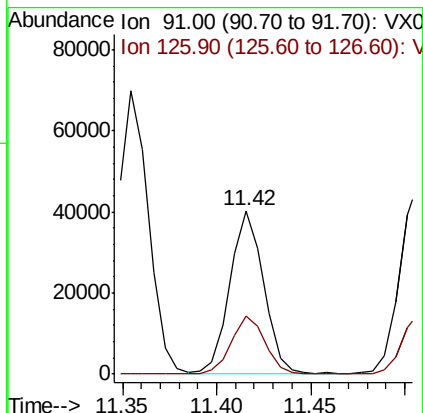
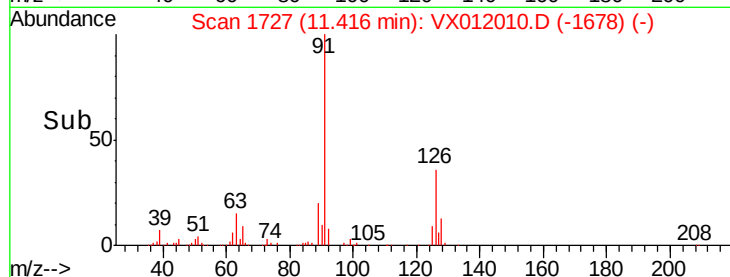
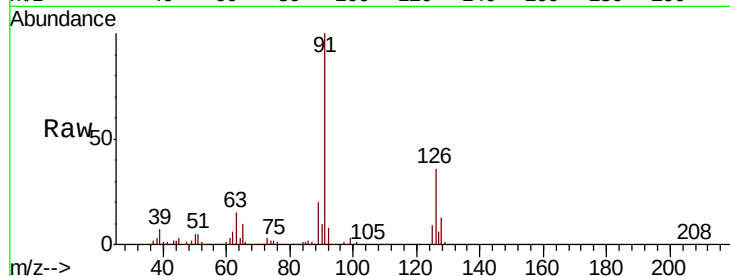
VSTDIC005

Tgt Ion: 91 Resp: 49175

Ion Ratio Lower Upper

91 100

126 36.5 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 4.238 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012010.D

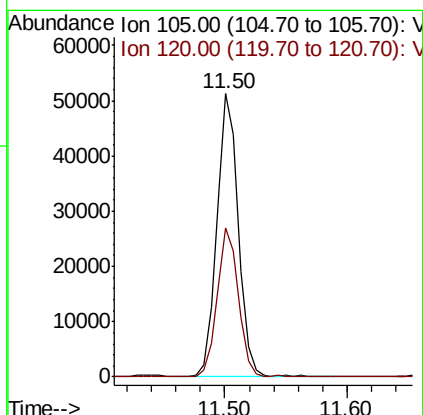
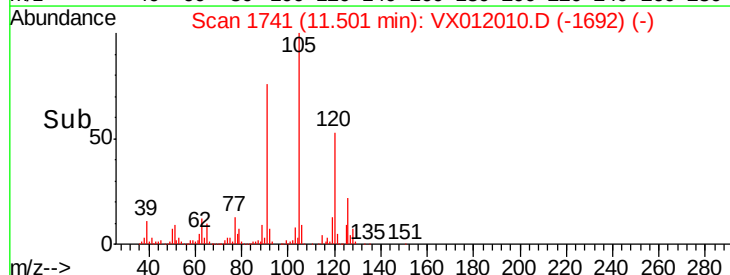
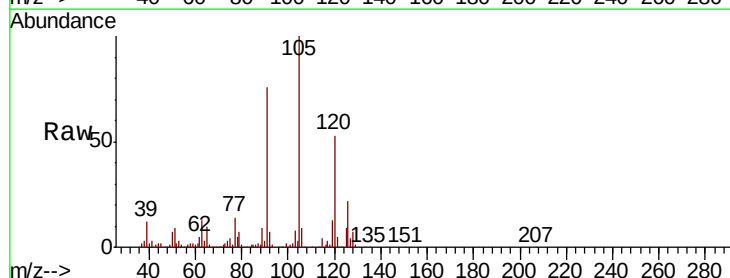
Acq: 02 Sep 2019 12:27

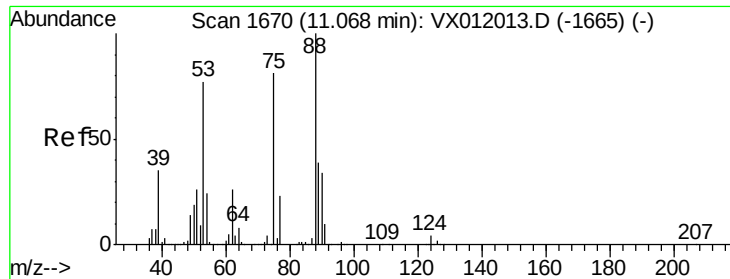
Tgt Ion: 105 Resp: 62842

Ion Ratio Lower Upper

105 100

120 52.2 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 3.566 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

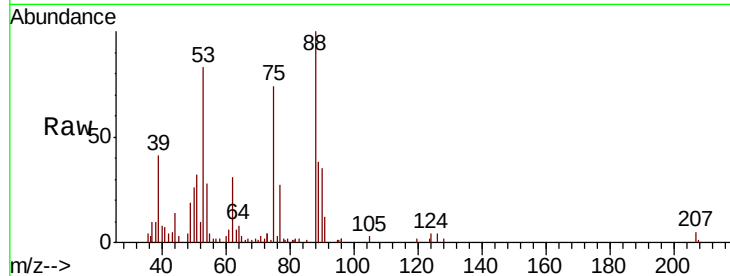
Tgt Ion: 75 Resp: 4123

Ion Ratio Lower Upper

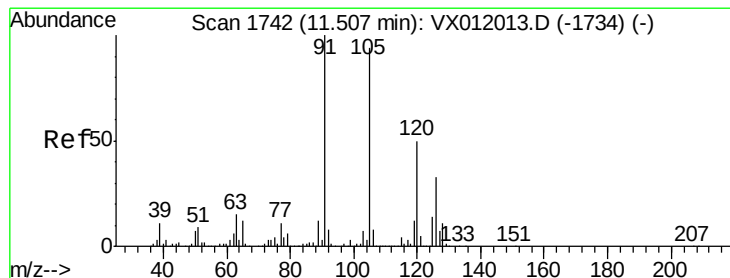
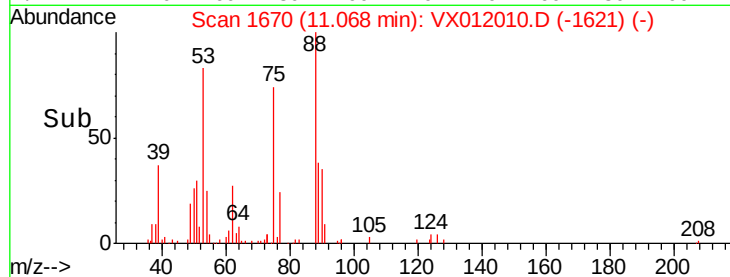
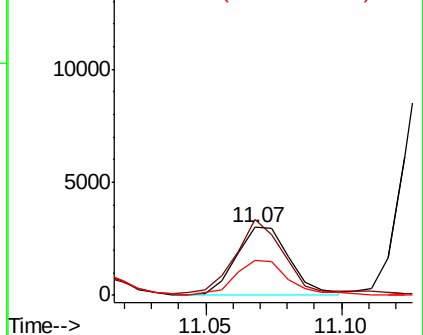
75 100

53 98.9 78.6 117.8

89 51.2 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: 4.222 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012010.D

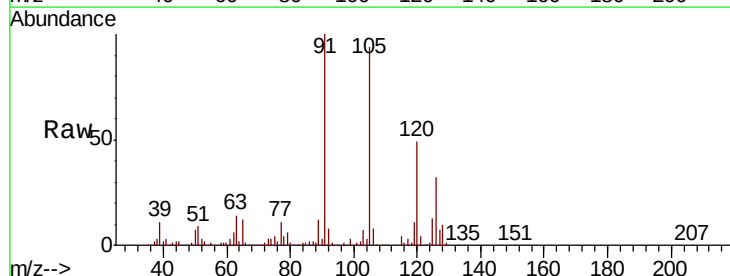
Acq: 02 Sep 2019 12:27

Tgt Ion: 91 Resp: 59547

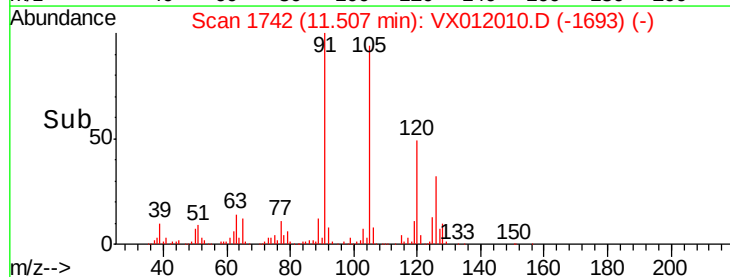
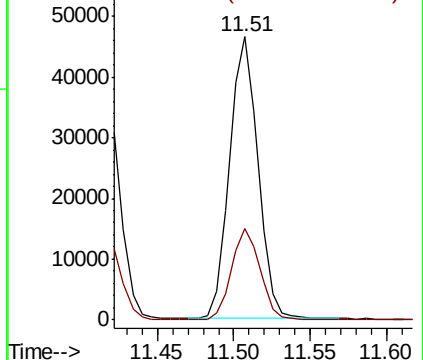
Ion Ratio Lower Upper

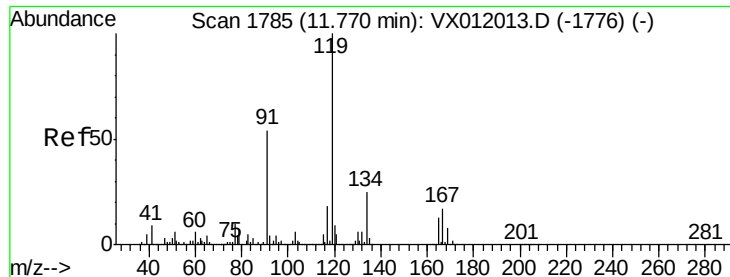
91 100

126 32.8 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

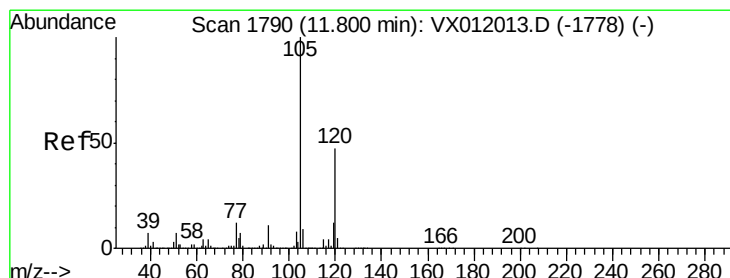
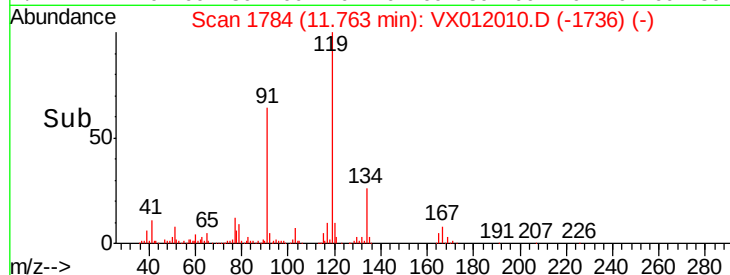
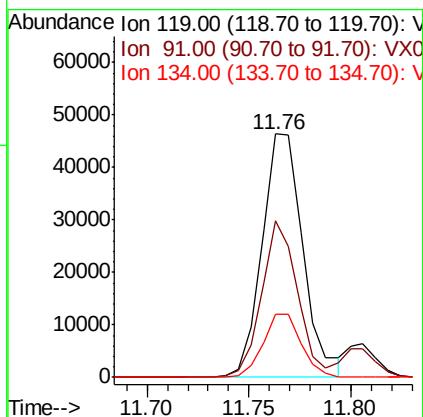
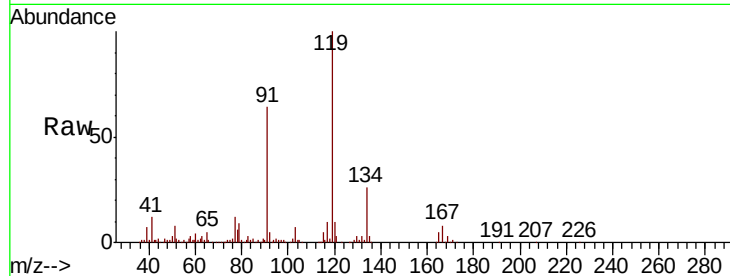




#83
 tert-Butylbenzene
 Concen: 4.296 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

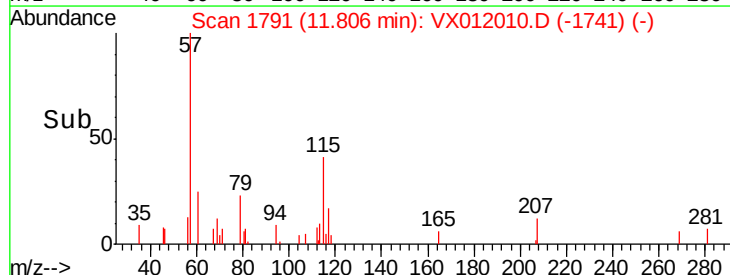
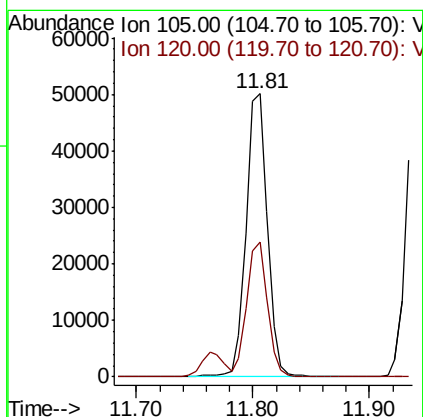
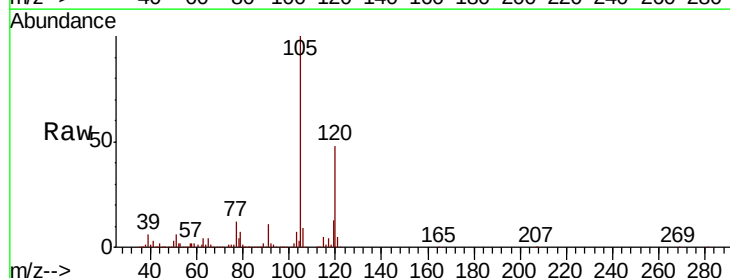
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

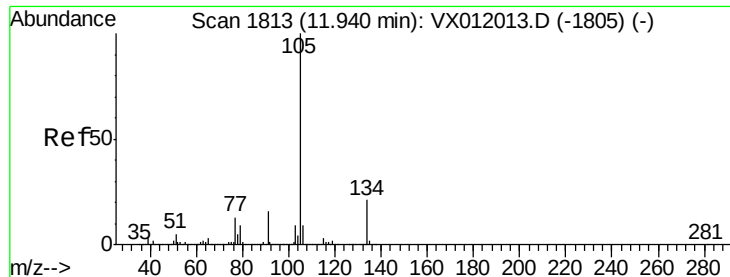
Tgt Ion:119 Resp: 65007
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.1 81.2
 134 24.3 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 4.240 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion:105 Resp: 64441
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.6 70.8





#85

sec-Butylbenzene

Concen: 4.394 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

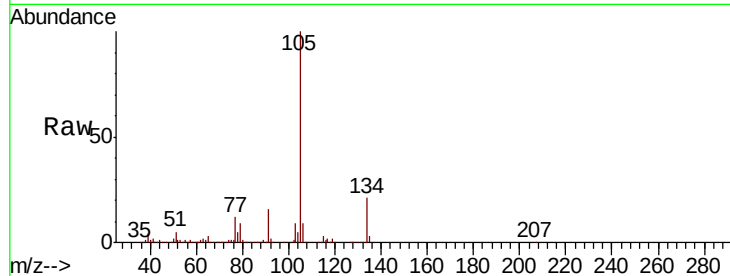
VSTDIC005

Tgt Ion:105 Resp: 76962

Ion Ratio Lower Upper

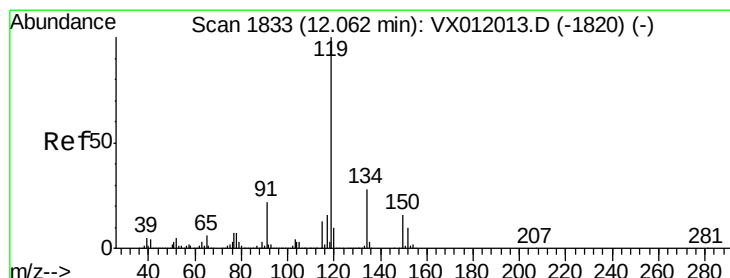
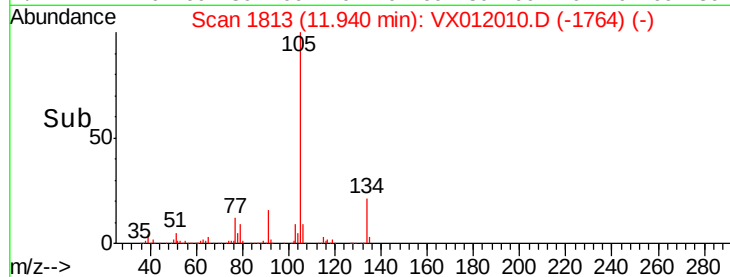
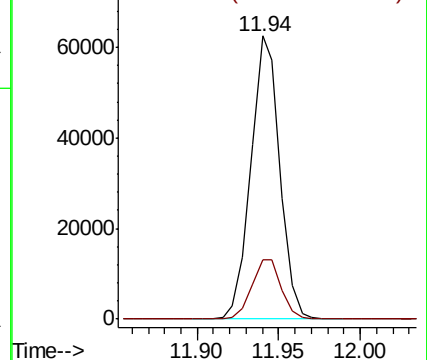
105 100

134 21.8 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.208 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

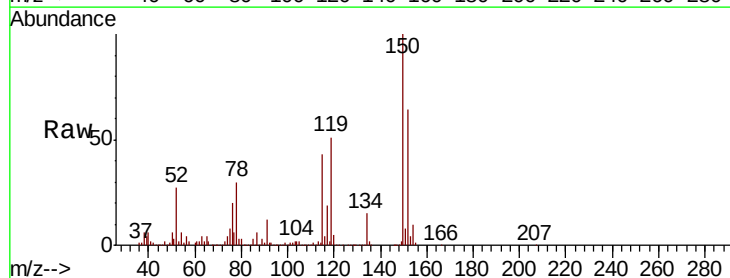
Tgt Ion:119 Resp: 71549

Ion Ratio Lower Upper

119 100

134 29.0 13.7 41.1

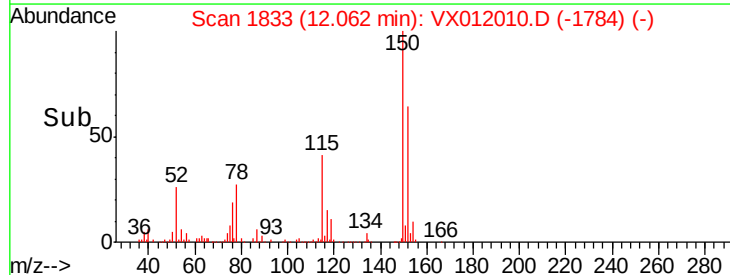
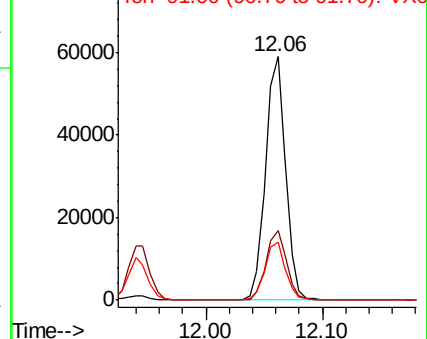
91 24.2 11.4 34.1

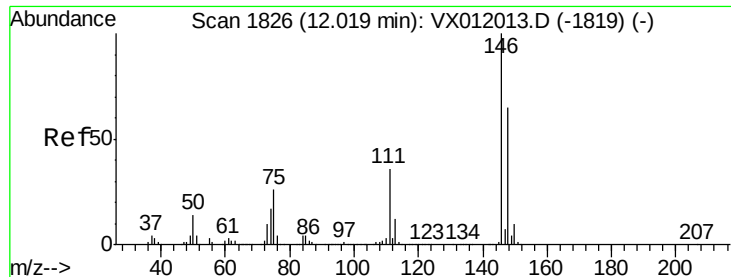


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

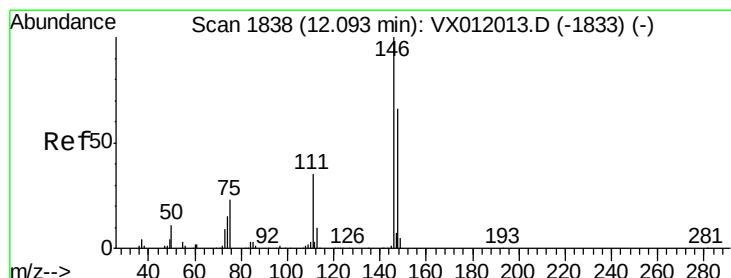
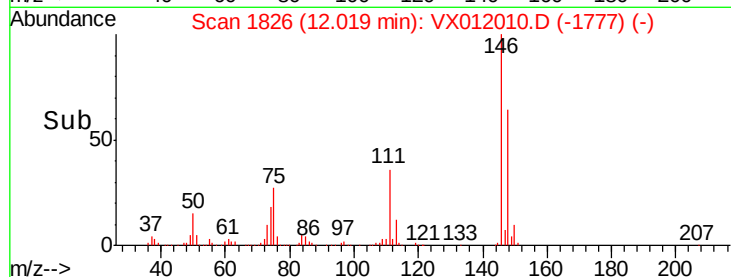
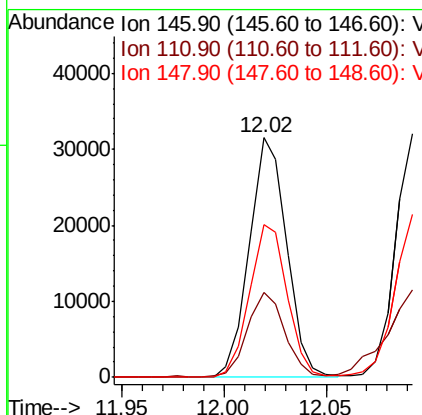
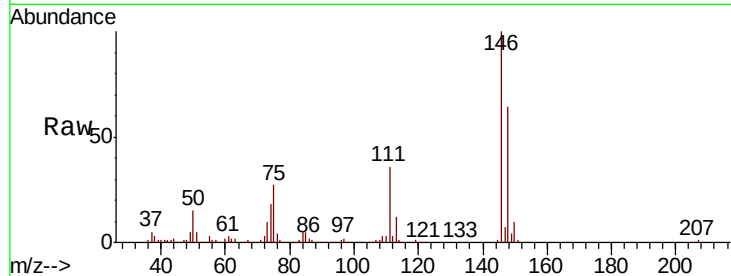




#87
 1,3-Dichlorobenzene
 Concen: 4.336 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

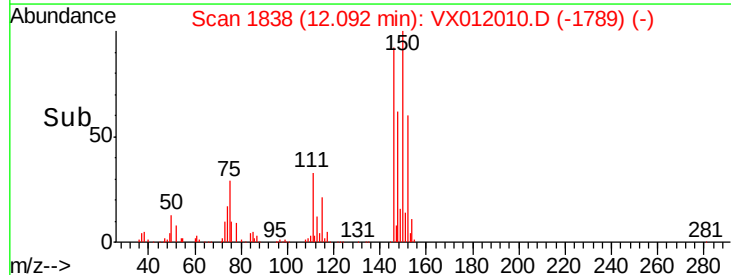
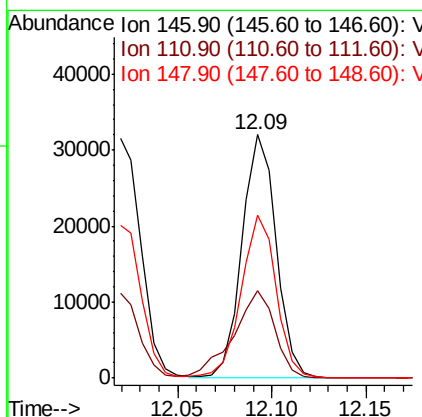
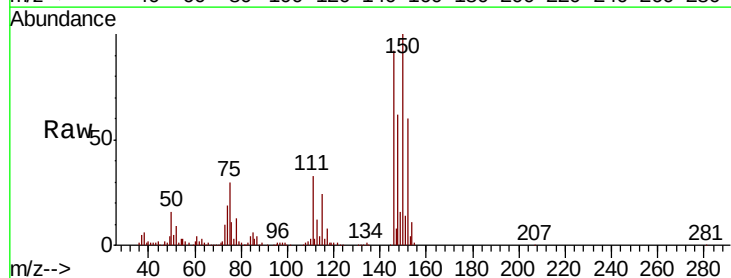
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

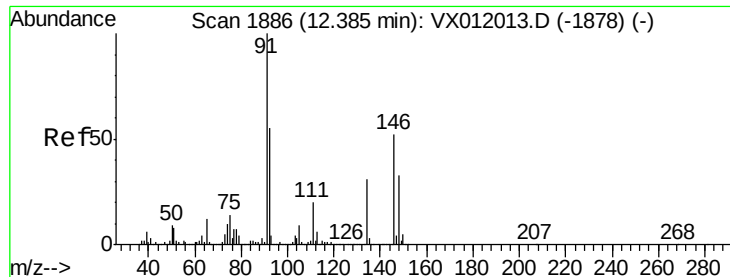
Tgt Ion:146 Resp: 40223
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.1 54.1
 148 64.4 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 4.308 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion:146 Resp: 40376
 Ion Ratio Lower Upper
 146 100
 111 43.2 17.7 53.1
 148 68.8 32.4 97.0





#89

n-Butylbenzene

Concen: 4.164 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012010.D

Acq: 02 Sep 2019 12:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

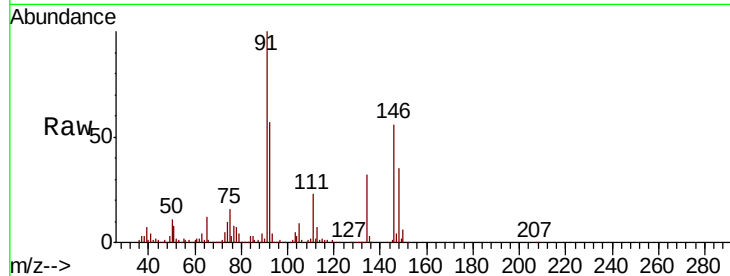
Tgt Ion: 91 Resp: 62473

Ion Ratio Lower Upper

91 100

92 55.7 27.6 82.8

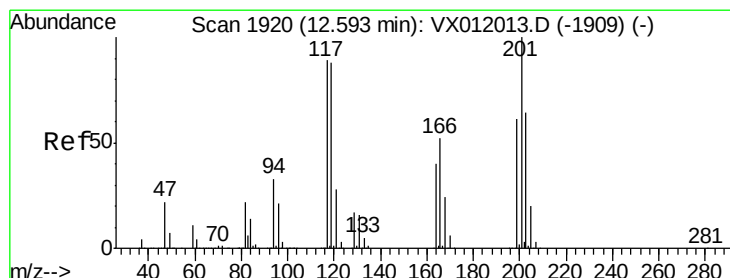
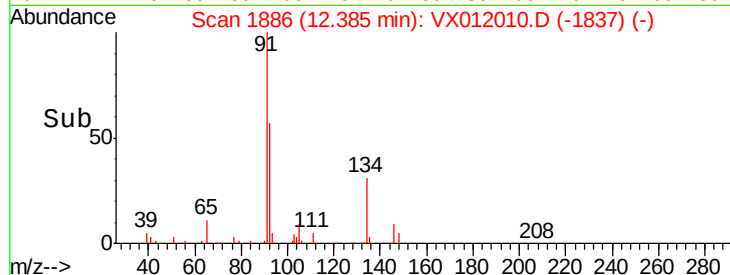
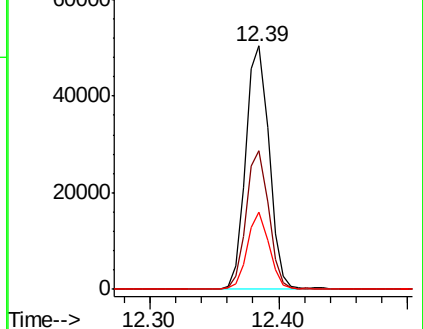
134 29.8 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX012013.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012013.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012013.D (-1878) (-)



#90

Hexachloroethane

Concen: 4.035 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012010.D

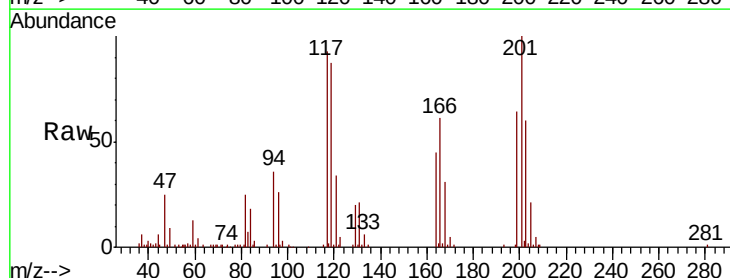
Acq: 02 Sep 2019 12:27

Tgt Ion: 117 Resp: 13259

Ion Ratio Lower Upper

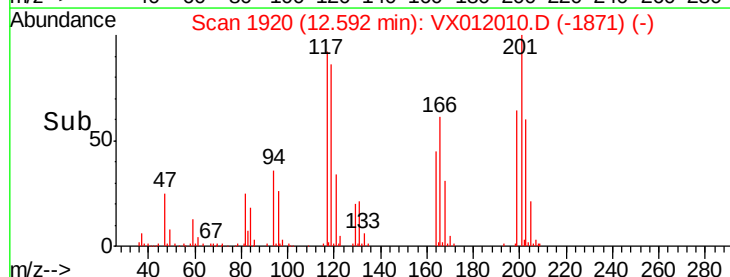
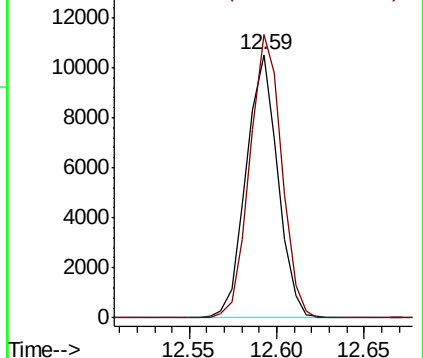
117 100

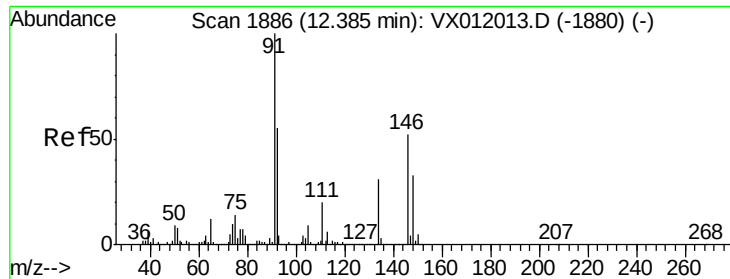
201 107.7 55.0 165.2



Abundance Ion 116.80 (116.50 to 117.50): VX012013.D (-1909) (-)

Ion 200.70 (200.40 to 201.40): VX012013.D (-1909) (-)

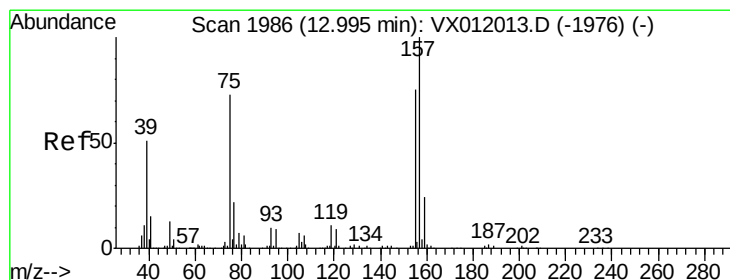
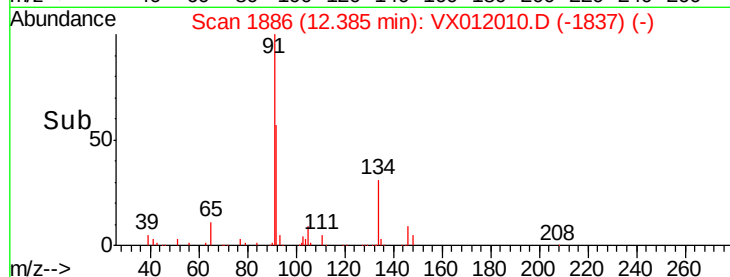
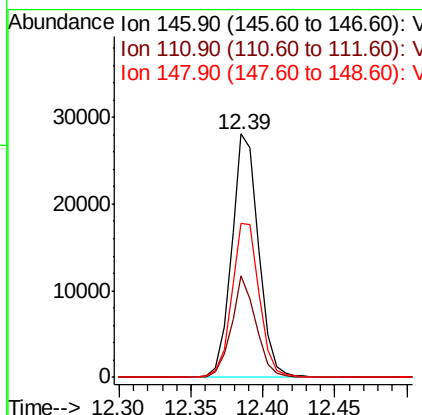
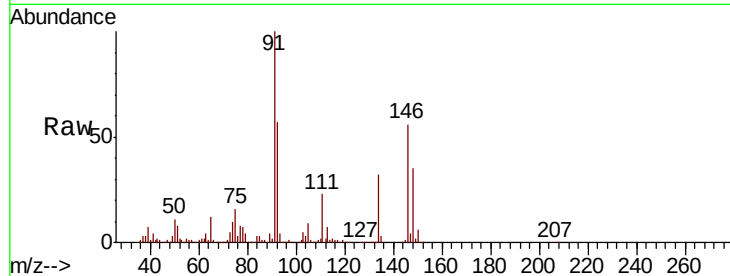




#91
 1,2-Dichlorobenzene
 Concen: 4.258 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

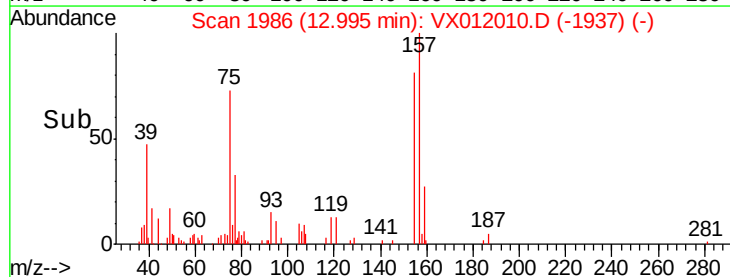
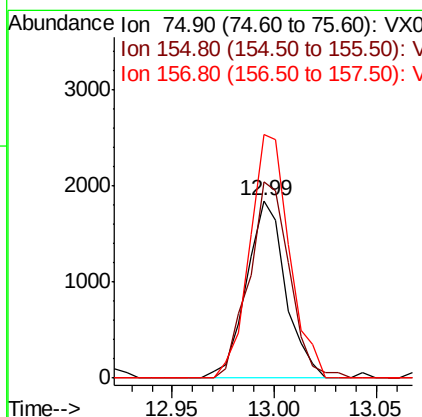
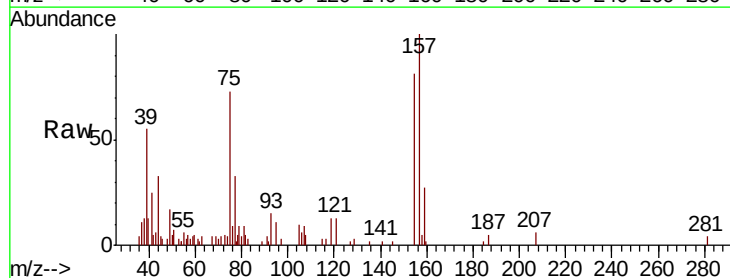
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

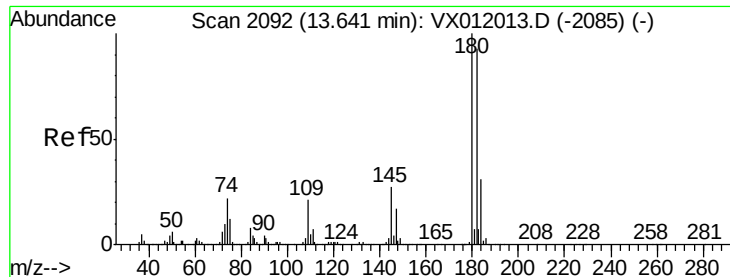
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	56.0
148	64.6	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.565 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	114.0	51.7	155.2
157	139.4	66.9	200.7

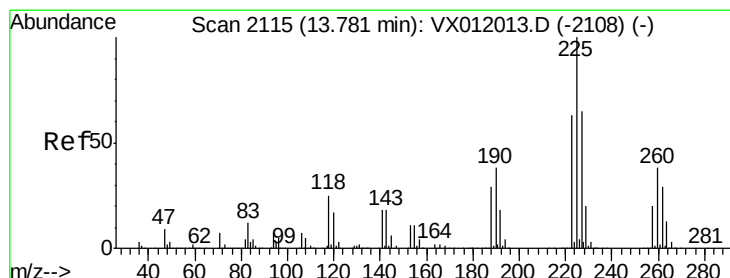
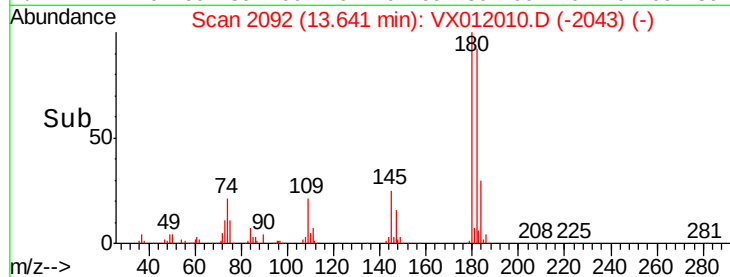
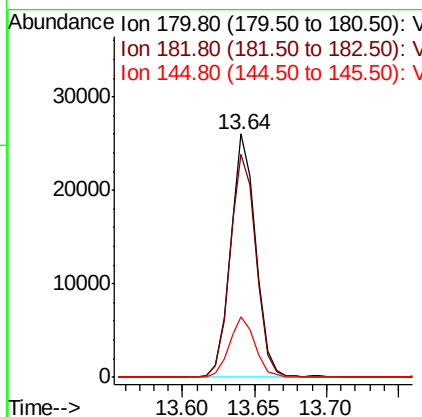
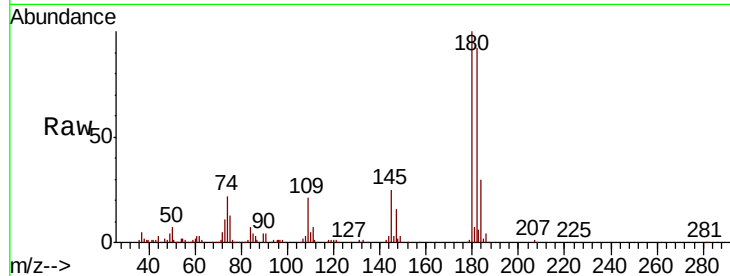




#93
 1,2,4-Trichlorobenzene
 Concen: 4.389 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

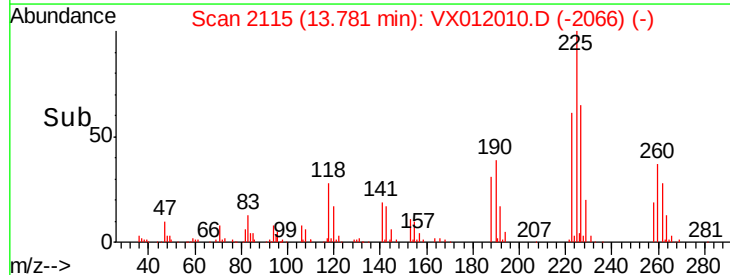
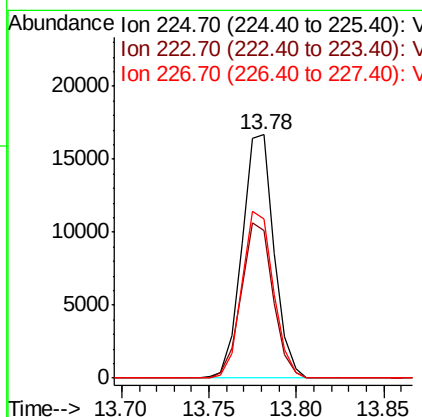
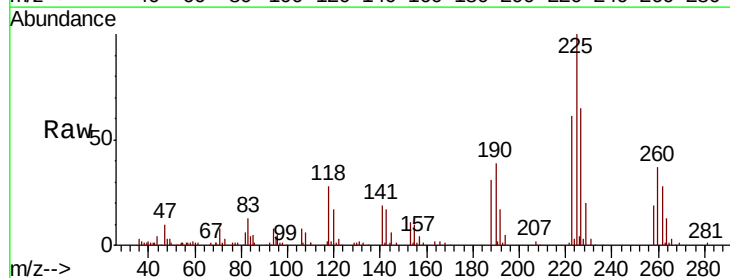
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

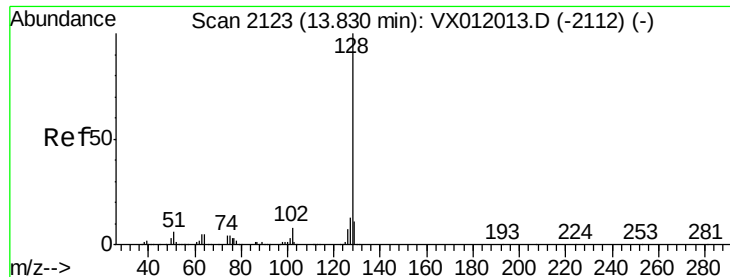
Tgt Ion:180 Resp: 31939
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 25.4 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 4.324 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012010.D
 Acq: 02 Sep 2019 12:27

Tgt Ion:225 Resp: 21217
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 95.0
 227 67.3 32.5 97.5

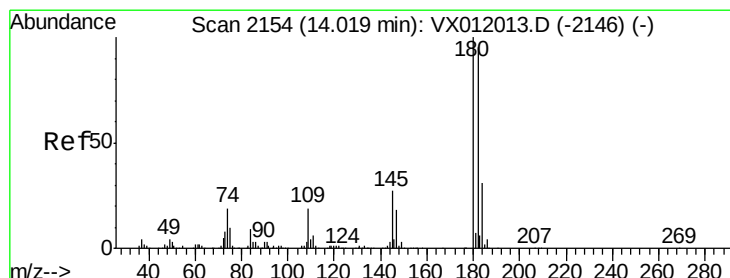
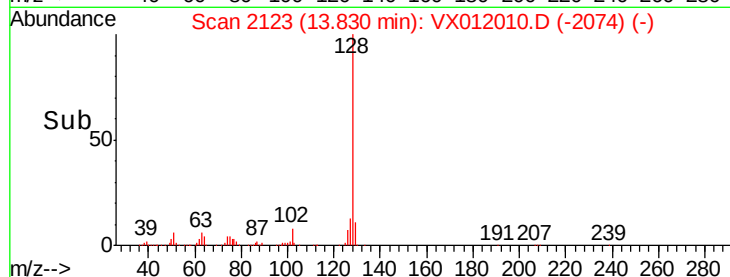
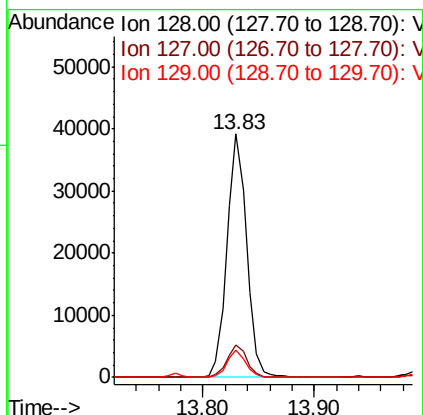
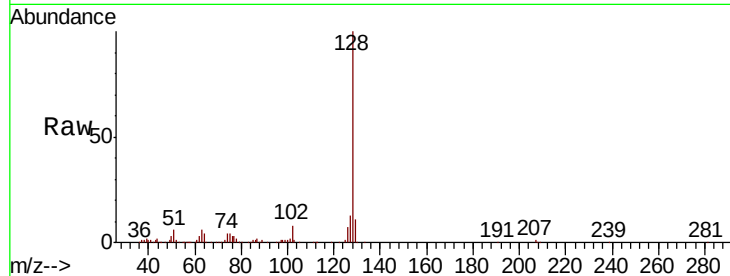




#95
Naphthalene
Concen: 3.913 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 48034
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.210 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012010.D
Acq: 02 Sep 2019 12:27

Tgt Ion:180 Resp: 27614
Ion Ratio Lower Upper
180 100
182 97.6 47.9 143.6
145 30.9 14.1 42.4

