

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091319\
 Data File : VX012384.D
 Acq On : 13 Sep 2019 14:01
 Operator : SY/SP
 Sample : VX0913SBSD03
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBSD03

Quant Time: Sep 14 00:03:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	135672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	91157	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	5.48	113	72500	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.71	98	273485	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	114884	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20561	18.536	ug/l	97
3) Chloromethane	1.31	50	19336	19.339	ug/l	100
4) Vinyl Chloride	1.39	62	19209	19.376	ug/l	98
5) Bromomethane	1.62	94	9024	19.646	ug/l	96
6) Chloroethane	1.70	64	12937	19.515	ug/l	98
7) Trichlorofluoromethane	1.91	101	35041	19.530	ug/l	95
8) Diethyl Ether	2.17	74	11724	19.149	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	24058	19.895	ug/l	98
10) Methyl Iodide	2.50	142	12437	10.806	ug/l	99
11) Tert butyl alcohol	3.03	59	29437	140.481	ug/l #	91
12) 1,1-Dichloroethene	2.36	96	20036	19.516	ug/l	94
13) Acrolein	2.28	56	9055	90.306	ug/l	96
14) Allyl chloride	2.71	41	37735	18.029	ug/l	100
15) Acrylonitrile	3.13	53	37538	99.186	ug/l	99
16) Acetone	2.43	43	42985	94.664	ug/l	100
17) Carbon Disulfide	2.55	76	36409	16.889	ug/l	99
18) Methyl Acetate	2.76	43	19363	20.288	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	73788	18.200	ug/l	99
20) Methylene Chloride	2.84	84	28549	18.492	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	23426	19.126	ug/l	97
22) Diisopropyl ether	3.84	45	86601	18.092	ug/l	90
23) Vinyl Acetate	3.80	43	272357	92.737	ug/l	99
24) 1,1-Dichloroethane	3.68	63	48576	18.945	ug/l	97
25) 2-Butanone	4.65	43	56872	97.975	ug/l	94
26) 2,2-Dichloropropane	4.57	77	44072	18.308	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	29472	18.638	ug/l	99
28) Bromochloromethane	5.00	49	22187	18.450	ug/l	97
29) Tetrahydrofuran	5.12	42	32067	102.388	ug/l	100
30) Chloroform	5.19	83	53230	18.410	ug/l	99
31) Cyclohexane	5.56	56	33136	18.605	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	44769	18.033	ug/l	99
36) 1,1-Dichloropropene	5.79	75	32700	19.368	ug/l	96
37) Ethyl Acetate	4.82	43	21935	21.017	ug/l #	90
38) Carbon Tetrachloride	5.77	117	36253	18.302	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091319\
 Data File : VX012384.D
 Acq On : 13 Sep 2019 14:01
 Operator : SY/SP
 Sample : VX0913SBSD03
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0913SBSD03

Quant Time: Sep 14 00:03:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	36122	19.496	ug/l	98
40) Benzene	6.13	78	99562	19.484	ug/l	97
41) Methacrylonitrile	5.02	41	12977	20.169	ug/l	96
42) 1,2-Dichloroethane	6.18	62	39215	19.417	ug/l	100
43) Isopropyl Acetate	6.43	43	43011	19.547	ug/l	100
44) Trichloroethene	7.20	130	27820	20.117	ug/l	95
45) 1,2-Dichloropropane	7.51	63	26961	19.062	ug/l	92
46) Dibromomethane	7.65	93	15219	19.687	ug/l	97
47) Bromodichloromethane	7.89	83	38055	18.039	ug/l #	98
48) Methyl methacrylate	7.76	41	20430	19.398	ug/l	98
49) 1,4-Dioxane	7.73	88	5752	404.726	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	117965	101.579	ug/l	99
52) Toluene	8.78	92	64402	19.081	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	37753	17.930	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	42105	18.034	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	23004	19.208	ug/l	96
56) Ethyl methacrylate	9.17	69	31633	19.508	ug/l	95
57) 1,3-Dichloropropane	9.37	76	40251	19.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	85106	102.403	ug/l	99
59) 2-Hexanone	9.48	43	84630	104.809	ug/l	100
60) Dibromochloromethane	9.57	129	24409	17.458	ug/l	96
61) 1,2-Dibromoethane	9.67	107	21970	19.708	ug/l	96
64) Tetrachloroethene	9.33	164	23806	20.852	ug/l	98
65) Chlorobenzene	10.14	112	75950	19.255	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	27725	18.646	ug/l	99
67) Ethyl Benzene	10.25	91	134720	19.203	ug/l	97
68) m/p-Xylenes	10.35	106	100780	39.025	ug/l	98
69) o-Xylene	10.70	106	47244	18.675	ug/l	99
70) Styrene	10.71	104	84979	18.940	ug/l	99
71) Bromoform	10.85	173	14220	18.442	ug/l #	98
73) Isopropylbenzene	11.01	105	134483	18.322	ug/l	99
74) N-amyl acetate	10.89	43	37846	17.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	30057	19.068	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	31163	21.758	ug/l	89
77) Bromobenzene	11.25	156	32048	18.965	ug/l	95
78) n-propylbenzene	11.35	91	160851	18.147	ug/l	99
79) 2-Chlorotoluene	11.42	91	100059	18.221	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	120409	18.242	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	7525	15.742	ug/l	91
82) 4-Chlorotoluene	11.51	91	119590	18.121	ug/l	100
83) tert-Butylbenzene	11.76	119	118246	18.449	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	123487	18.097	ug/l	98
85) sec-Butylbenzene	11.94	105	140075	18.317	ug/l	99
86) p-Isopropyltoluene	12.06	119	128161	18.138	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	64709	18.798	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	64048	18.400	ug/l	99
89) n-Butylbenzene	12.39	91	124111	17.920	ug/l	99
90) Hexachloroethane	12.59	117	21662	16.644	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	59446	18.668	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5644	17.541	ug/l	97

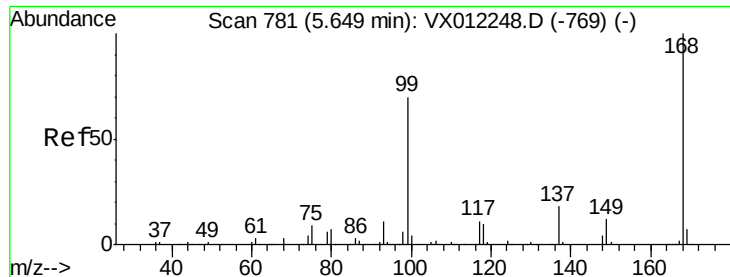
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091319\
Data File : VX012384.D
Acq On : 13 Sep 2019 14:01
Operator : SY/SP
Sample : VX0913SBSD03
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

Quant Time: Sep 14 00:03:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	40886	18.592	ug/l	99
94) Hexachlorobutadiene	13.78	225	21504	19.656	ug/l	100
95) Naphthalene	13.83	128	86870	18.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	38357	19.713	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

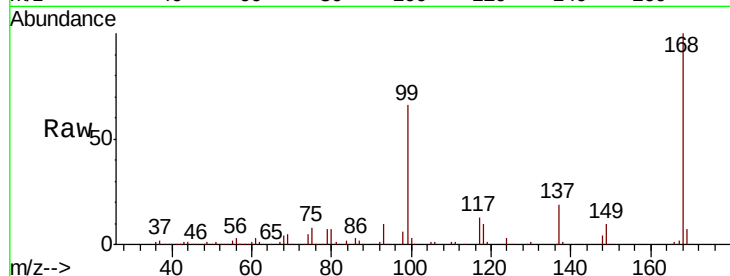
VX0913SBS03

Tgt Ion:168 Resp: 135672

Ion Ratio Lower Upper

168 100

99 66.0 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

50000

40000

30000

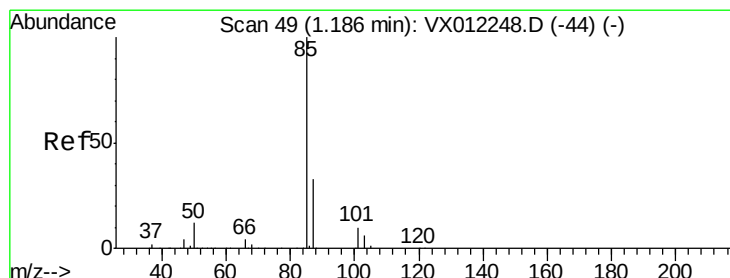
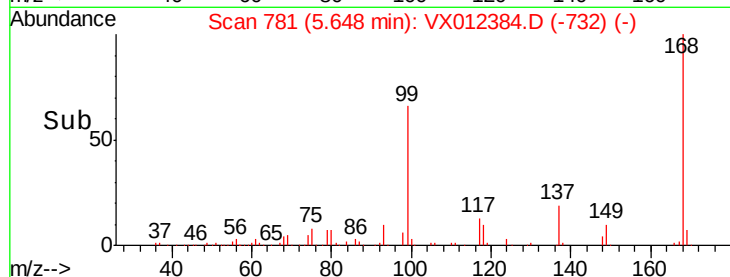
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.536 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012384.D

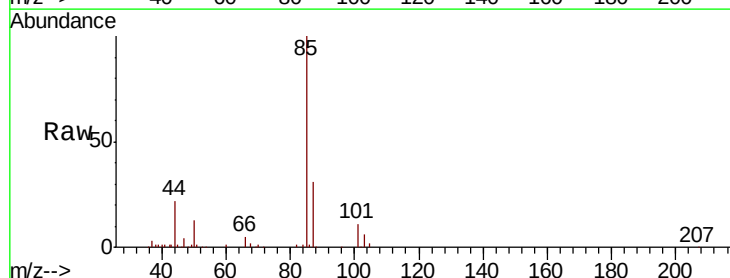
Acq: 13 Sep 2019 14:01

Tgt Ion: 85 Resp: 20561

Ion Ratio Lower Upper

85 100

87 31.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

20000

15000

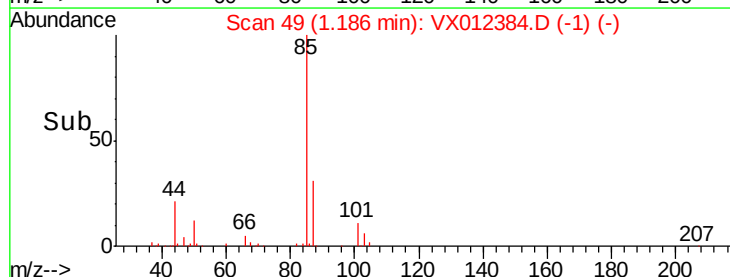
10000

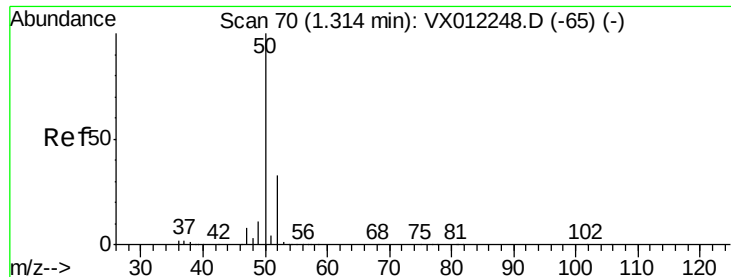
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.339 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

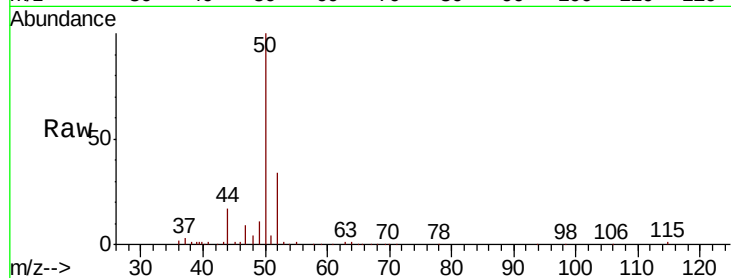
VX0913SBSD03

Tgt Ion: 50 Resp: 19336

Ion Ratio Lower Upper

50 100

52 33.6 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

20000

15000

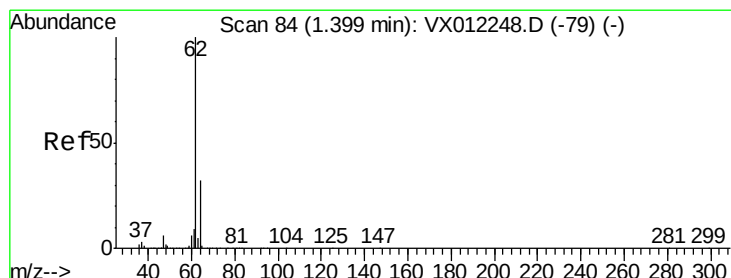
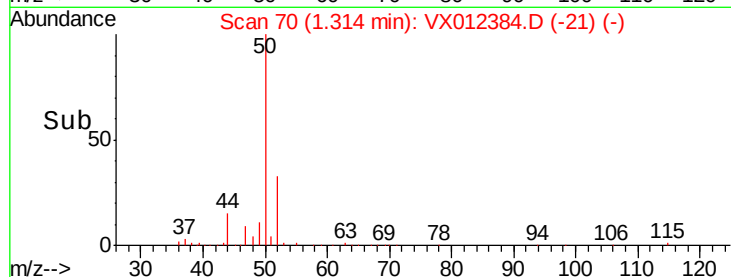
10000

5000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 19.376 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012384.D

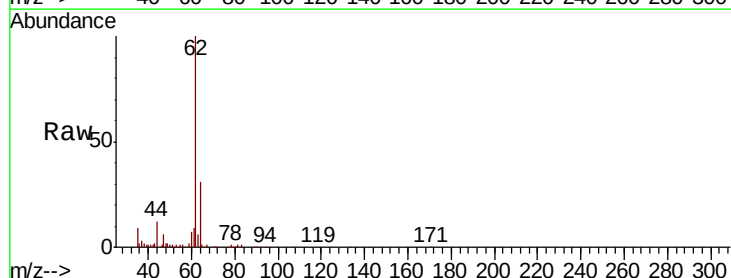
Acq: 13 Sep 2019 14:01

Tgt Ion: 62 Resp: 19209

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

20000

15000

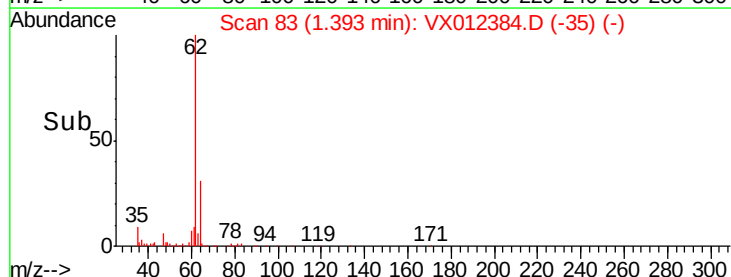
10000

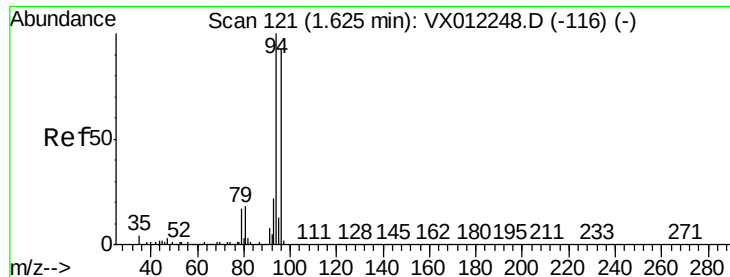
5000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 19.646 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

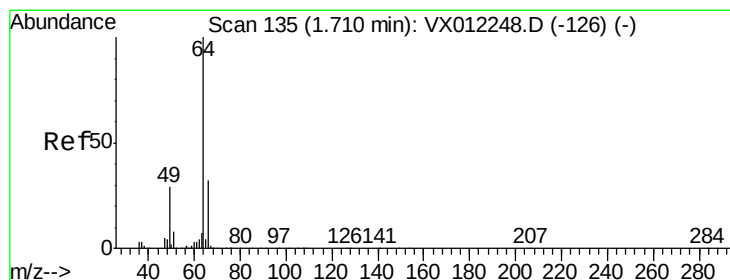
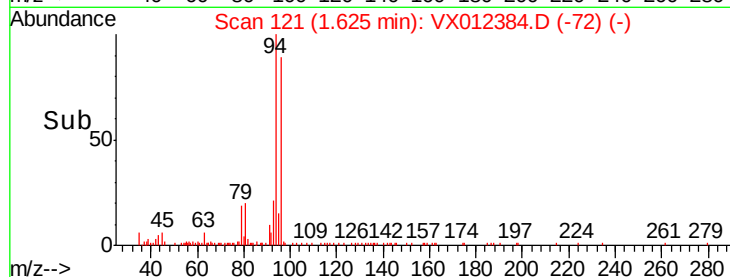
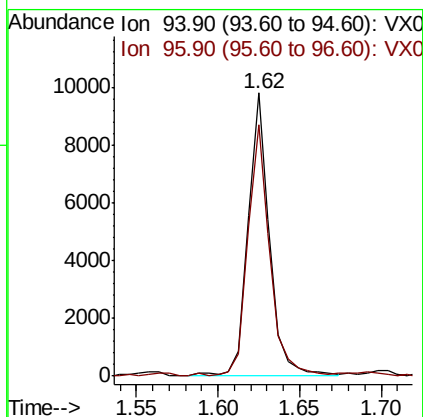
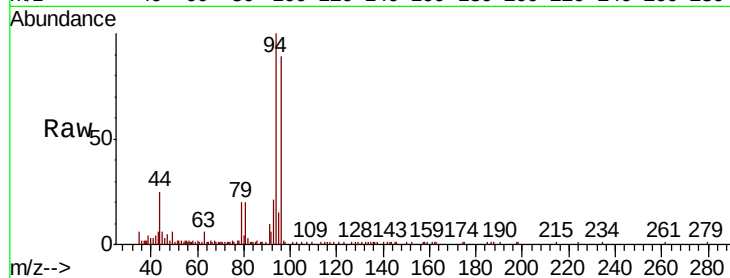
VX0913SBS03

Tgt Ion: 94 Resp: 9024

Ion Ratio Lower Upper

94 100

96 88.7 74.0 111.0



#6

Chloroethane

Concen: 19.515 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012384.D

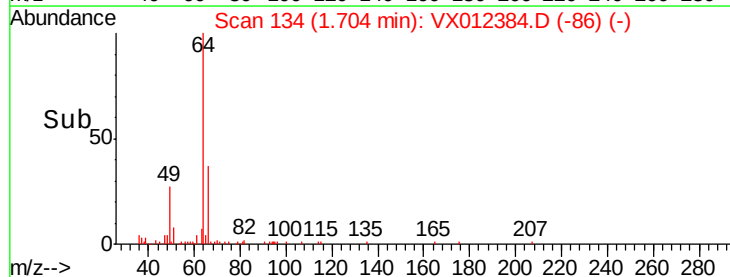
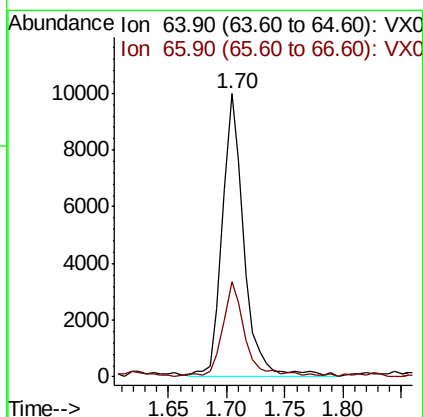
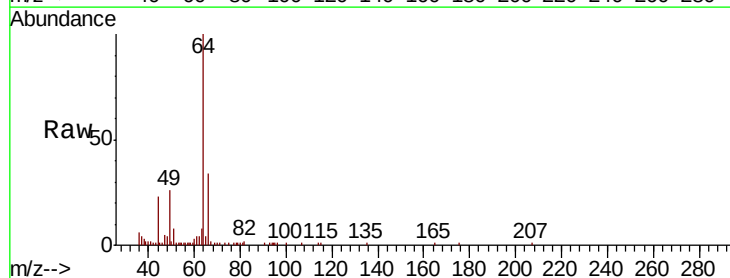
Acq: 13 Sep 2019 14:01

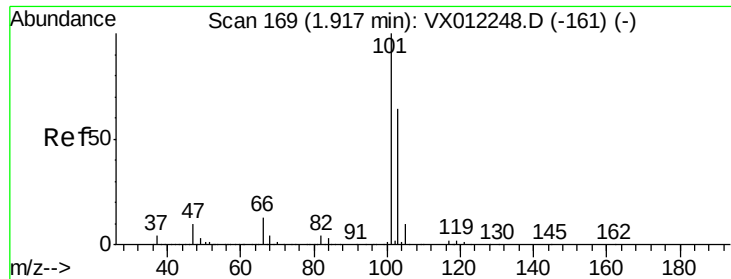
Tgt Ion: 64 Resp: 12937

Ion Ratio Lower Upper

64 100

66 33.5 25.8 38.6



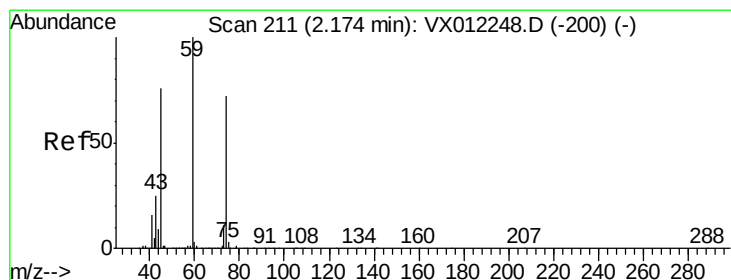
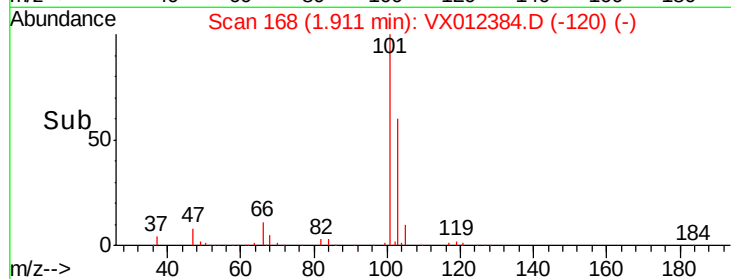
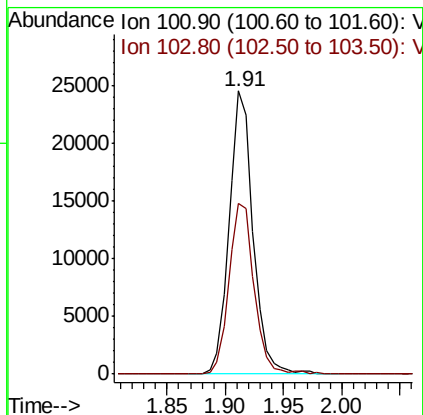
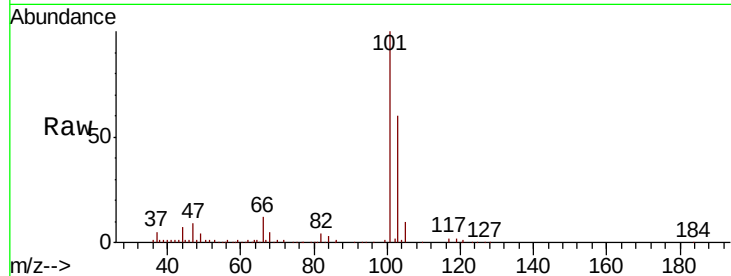


#7

Trichlorofluoromethane
Concen: 19.530 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS03

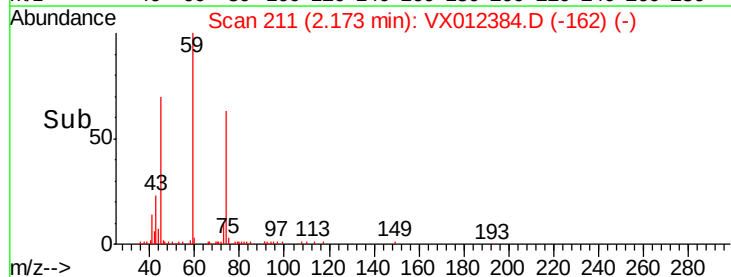
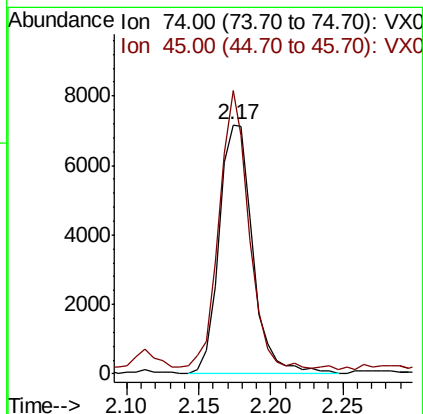
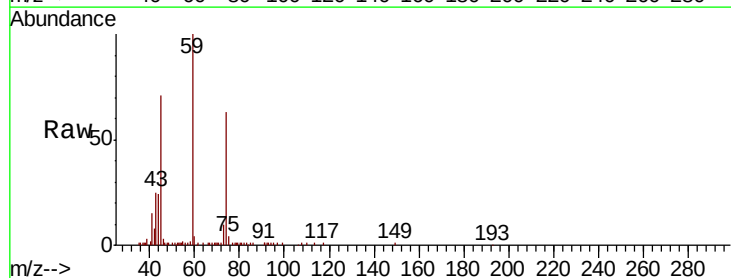
Tgt Ion:101 Resp: 35041
Ion Ratio Lower Upper
101 100
103 60.4 51.4 77.2

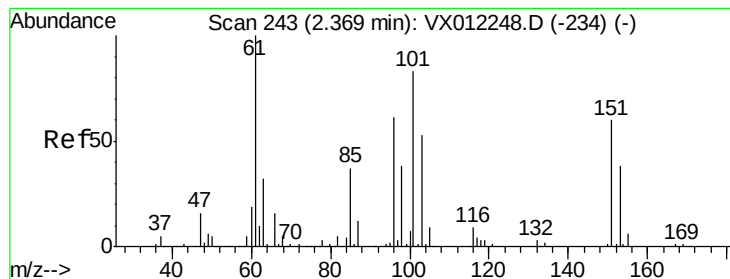


#8

Diethyl Ether
Concen: 19.149 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 74 Resp: 11724
Ion Ratio Lower Upper
74 100
45 98.7 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.895 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS03

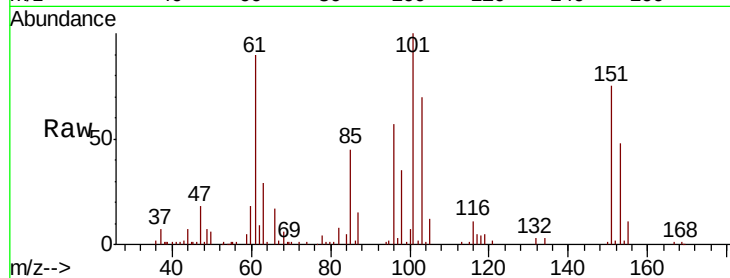
Tgt Ion:101 Resp: 24058

Ion Ratio Lower Upper

101 100

85 46.8 37.0 55.6

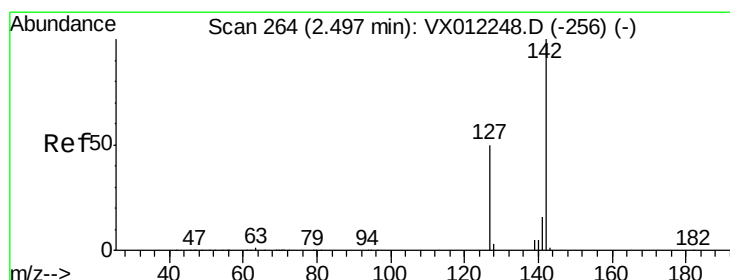
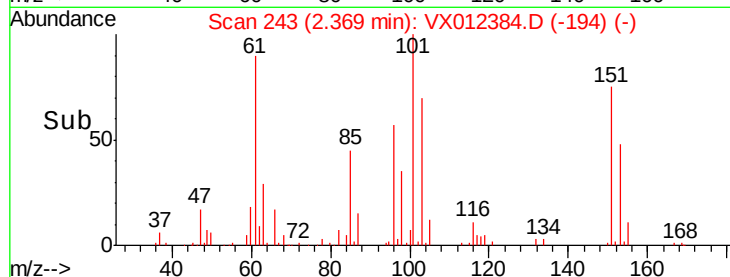
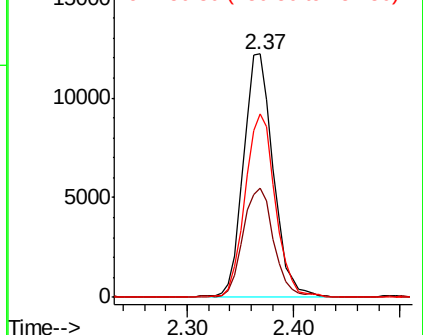
151 76.0 58.6 87.8



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: 10.806 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

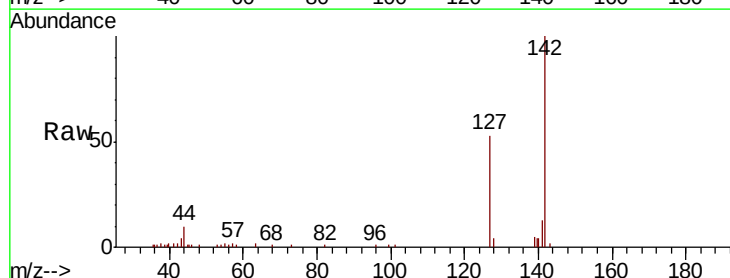
Tgt Ion:142 Resp: 12437

Ion Ratio Lower Upper

142 100

127 51.7 40.6 61.0

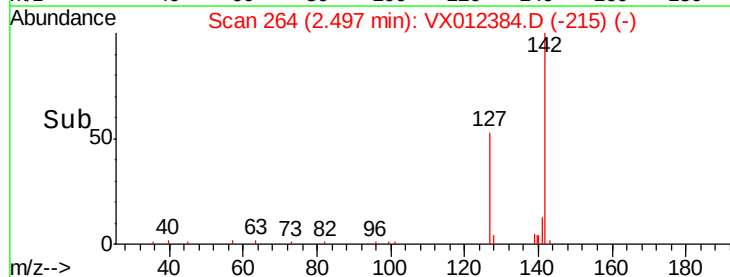
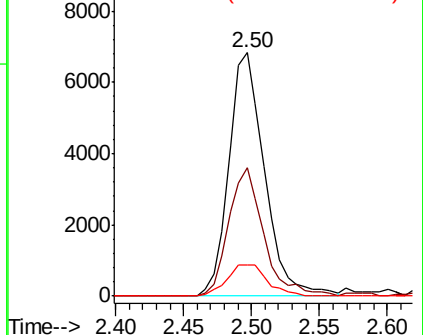
141 14.7 12.0 18.0

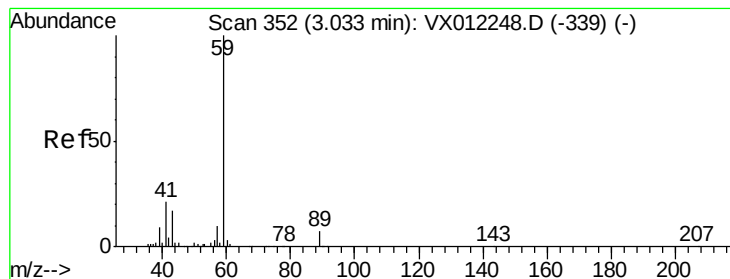


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



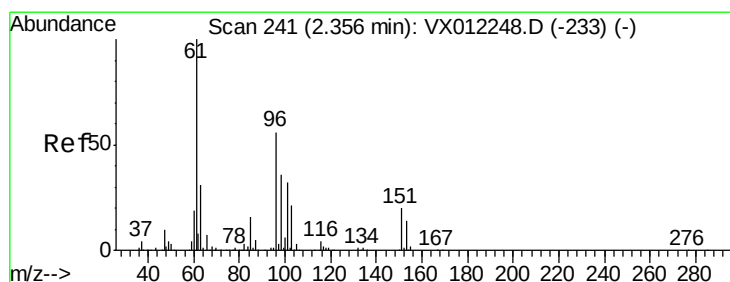
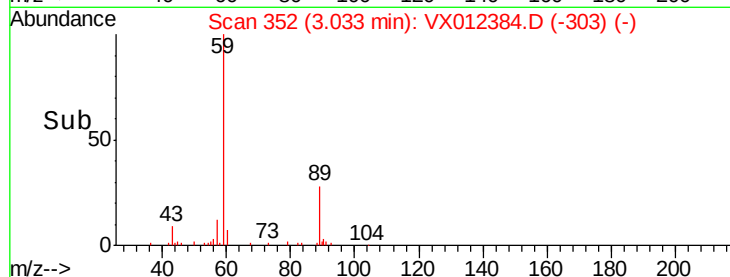
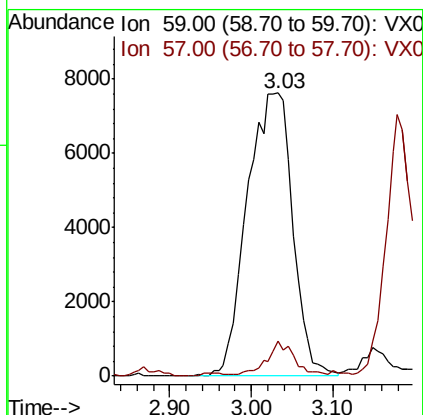
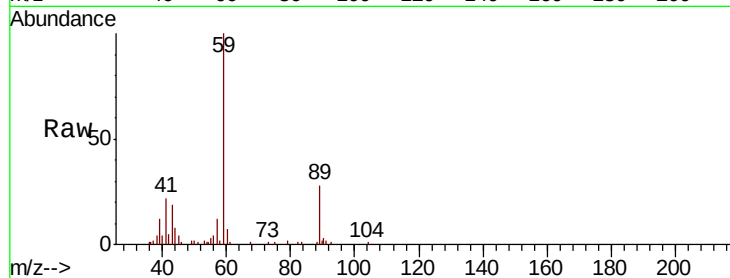


#11

Tert butyl alcohol
 Concen: 140.481 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBSD03

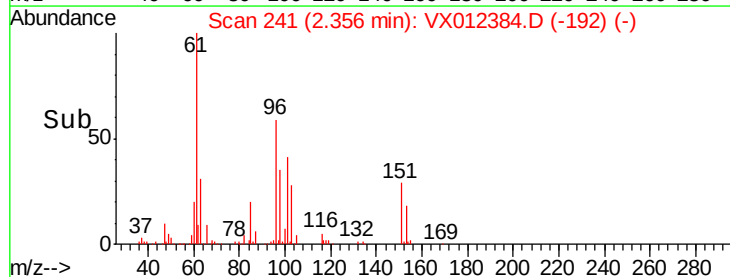
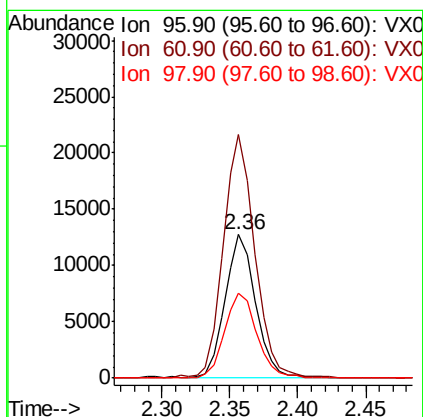
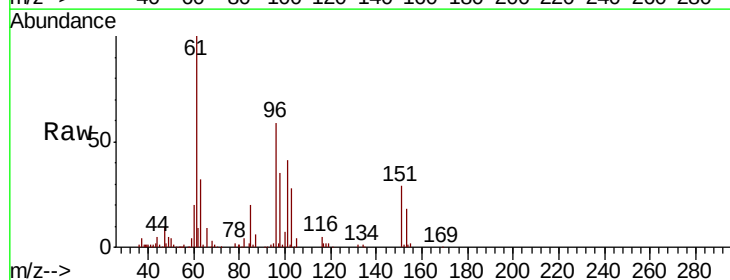
Tgt Ion: 59 Resp: 29437
 Ion Ratio Lower Upper
 59 100
 57 6.5 7.8 11.6#

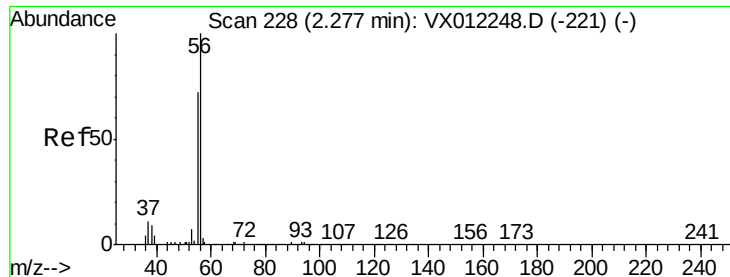


#12

1,1-Dichloroethene
 Concen: 19.516 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion: 96 Resp: 20036
 Ion Ratio Lower Upper
 96 100
 61 169.2 142.2 213.2
 98 59.2 51.3 76.9





#13

Acrolein

Concen: 90.306 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

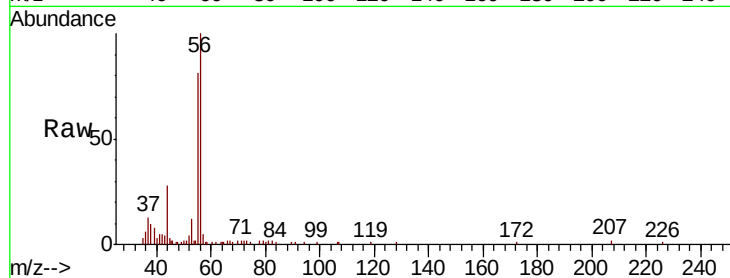
VX0913SBS03

Tgt Ion: 56 Resp: 9055

Ion Ratio Lower Upper

56 100

55 71.4 59.8 89.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

6000

5000

4000

3000

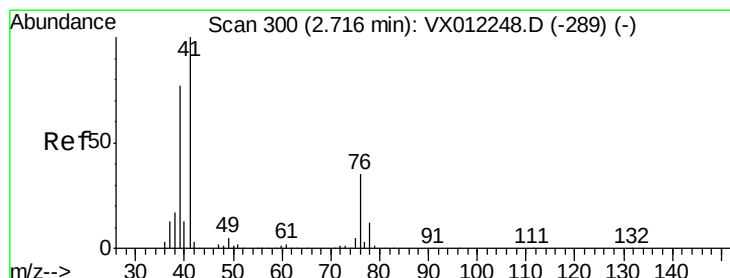
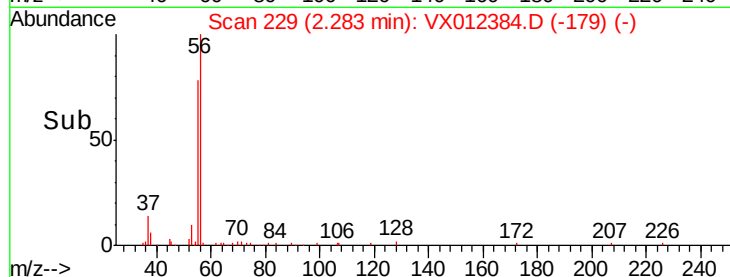
2000

1000

0

Time-->

2.25 2.30 2.35



#14

Allyl chloride

Concen: 18.029 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

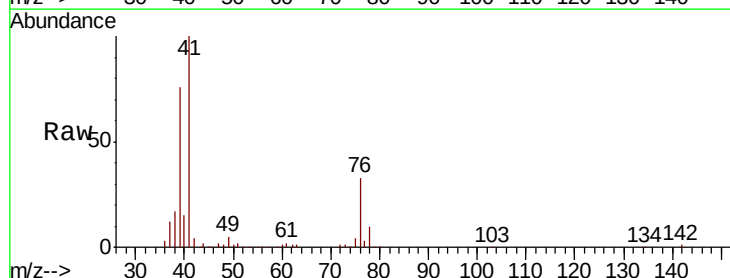
Tgt Ion: 41 Resp: 37735

Ion Ratio Lower Upper

41 100

39 73.4 58.6 87.8

76 33.2 26.3 39.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

25000

20000

15000

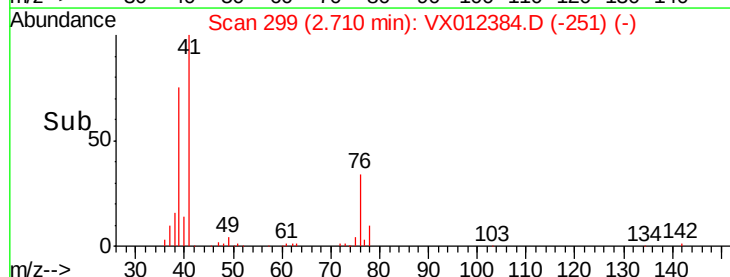
10000

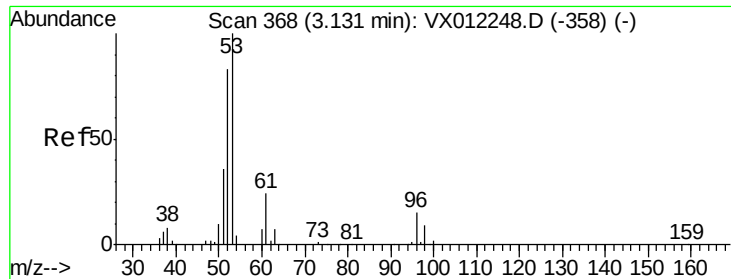
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80





#15

Acrylonitrile

Concen: 99.186 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS03

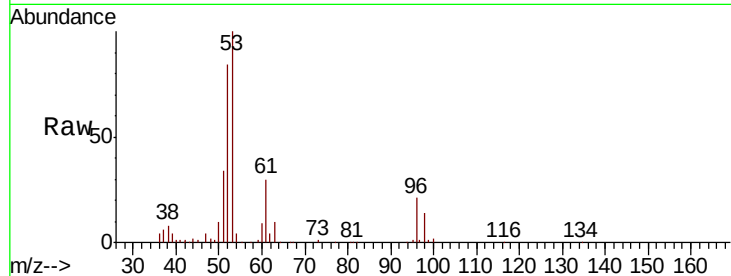
Tgt Ion: 53 Resp: 37538

Ion Ratio Lower Upper

53 100

52 82.3 66.8 100.2

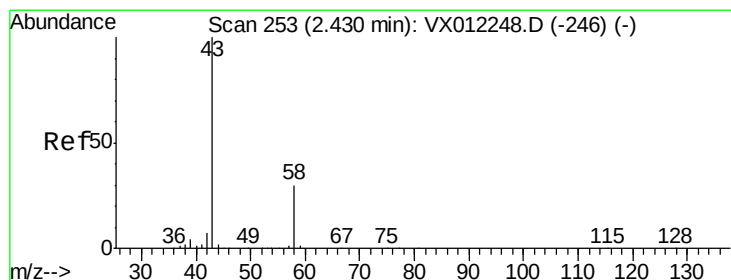
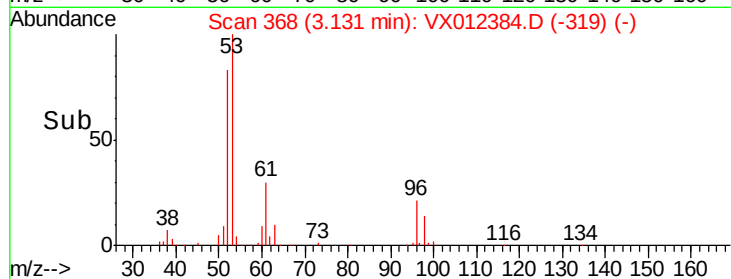
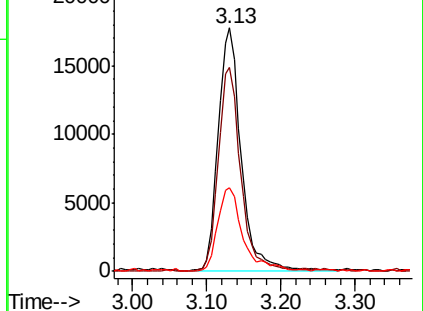
51 38.0 30.7 46.1



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: 94.664 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012384.D

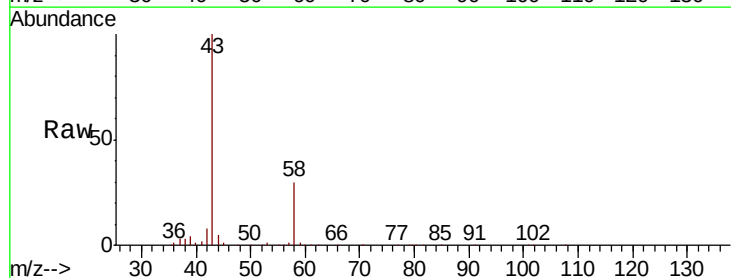
Acq: 13 Sep 2019 14:01

Tgt Ion: 43 Resp: 42985

Ion Ratio Lower Upper

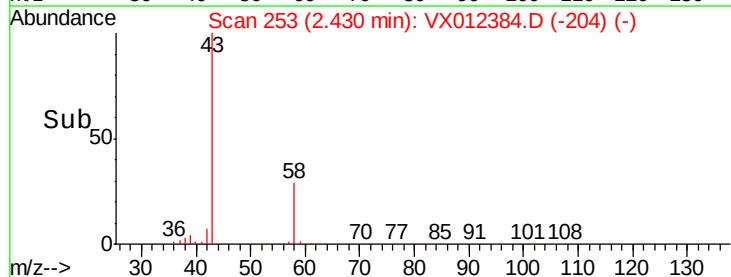
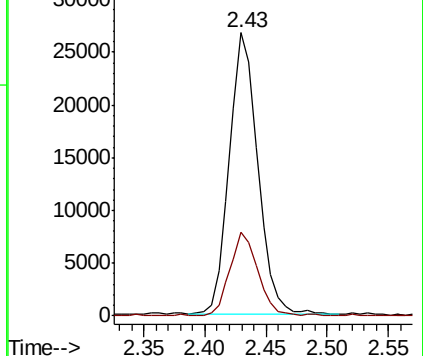
43 100

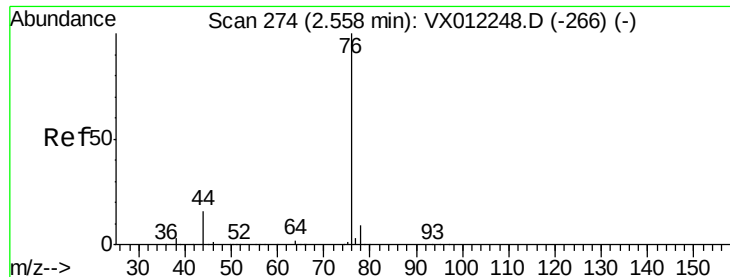
58 29.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.889 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

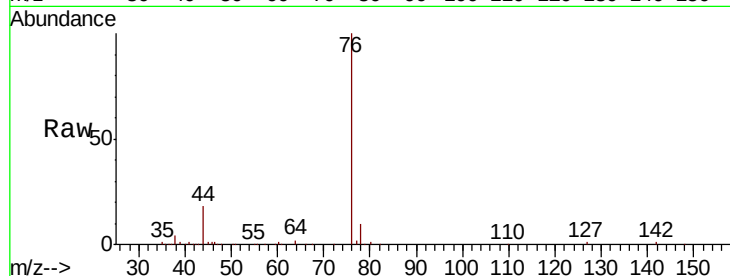
VX0913SBSD03

Tgt Ion: 76 Resp: 36409

Ion Ratio Lower Upper

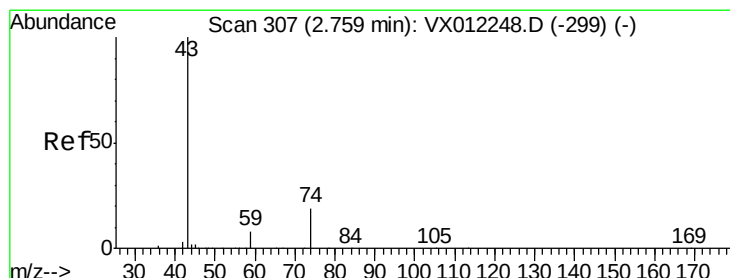
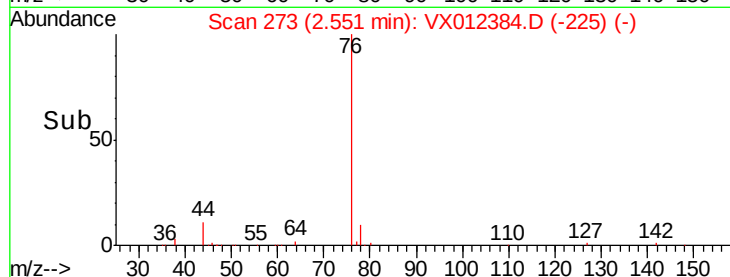
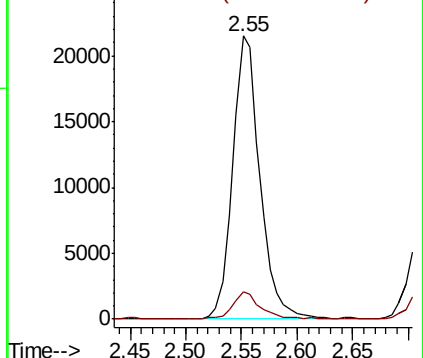
76 100

78 9.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.288 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012384.D

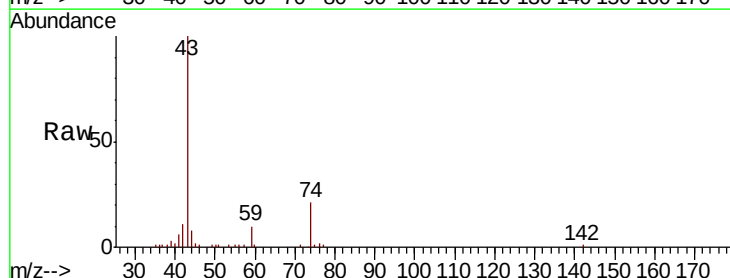
Acq: 13 Sep 2019 14:01

Tgt Ion: 43 Resp: 19363

Ion Ratio Lower Upper

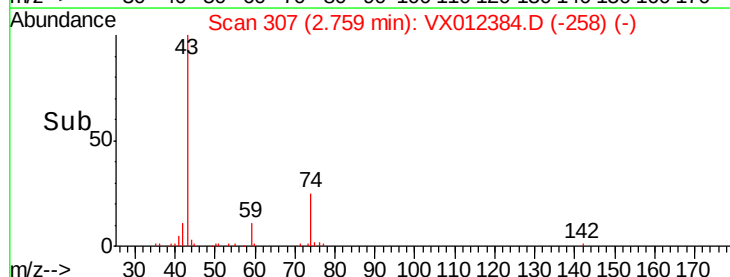
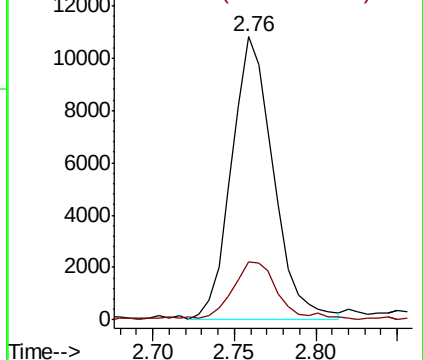
43 100

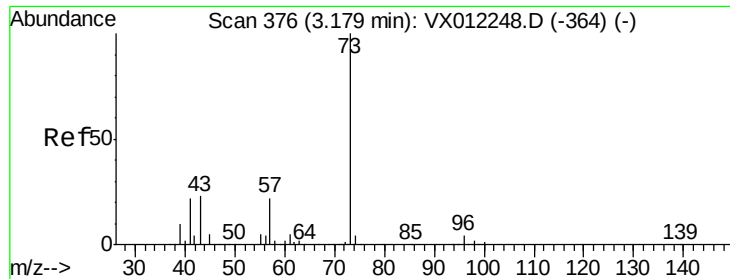
74 22.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

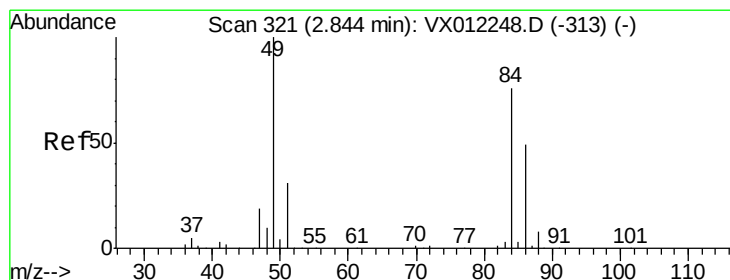
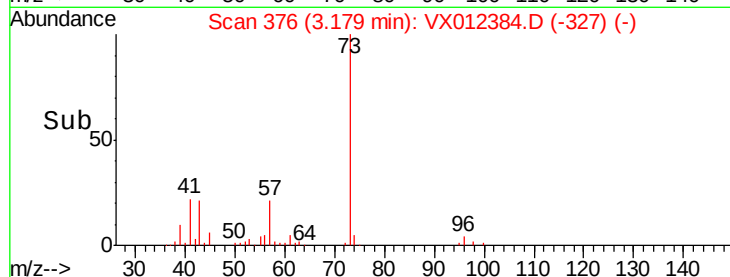
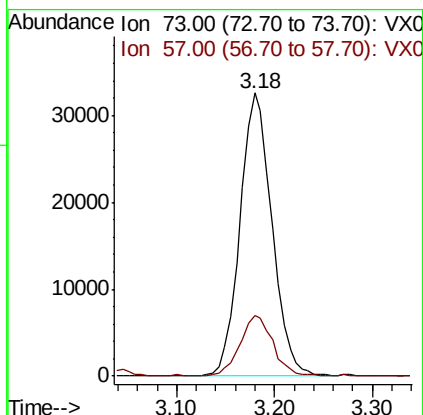
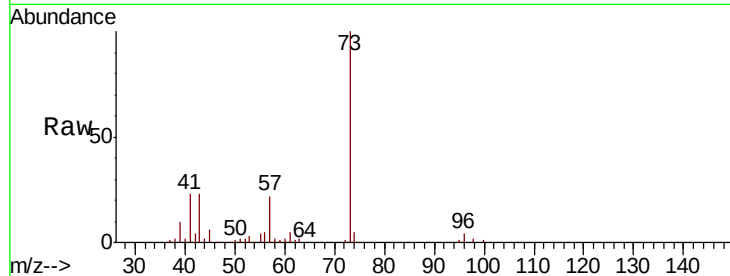




#19
Methyl tert-butyl Ether
Concen: 18.200 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

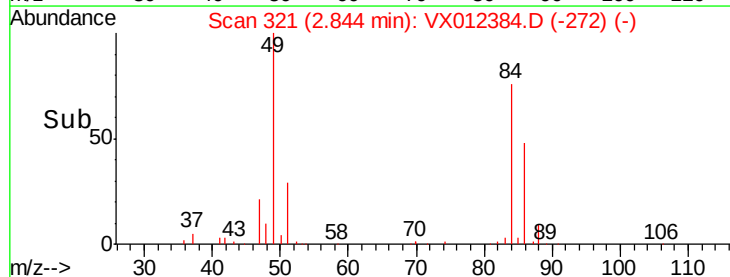
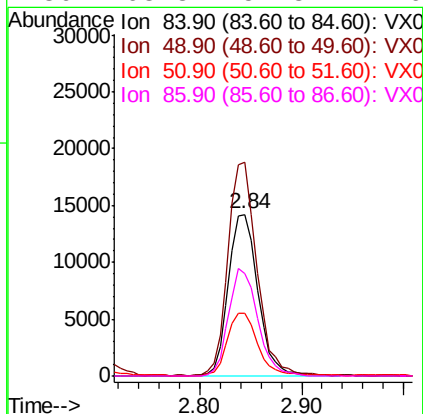
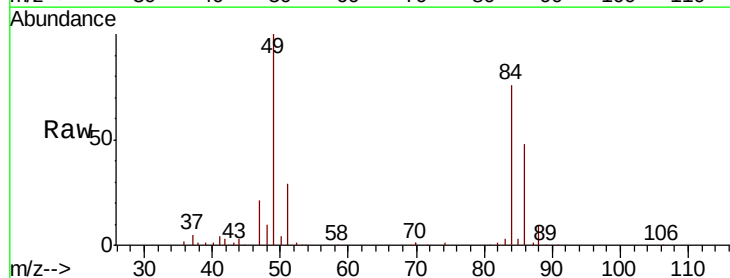
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS03

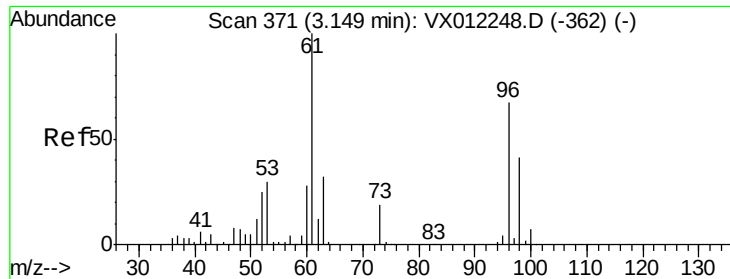
Tgt Ion: 73 Resp: 73788
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5



#20
Methylene Chloride
Concen: 18.492 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 84 Resp: 28549
Ion Ratio Lower Upper
84 100
49 132.2 105.0 157.6
51 38.7 32.6 48.8
86 63.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.126 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBSD03

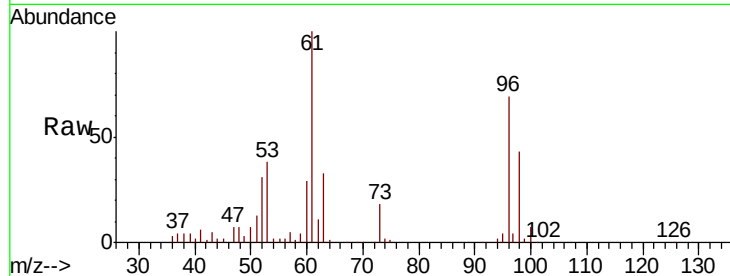
Tgt Ion: 96 Resp: 23426

Ion Ratio Lower Upper

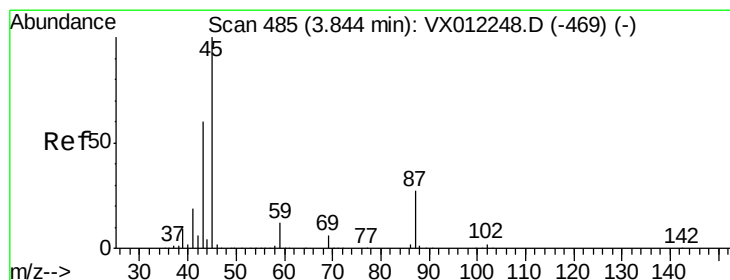
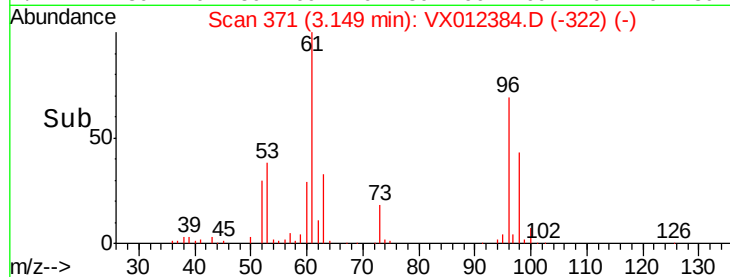
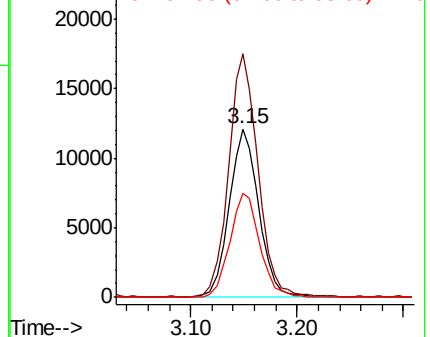
96 100

61 144.6 119.4 179.2

98 62.2 48.4 72.6



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: 18.092 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Tgt Ion: 45 Resp: 86601

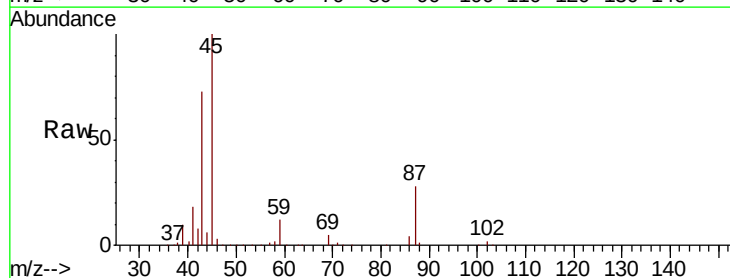
Ion Ratio Lower Upper

45 100

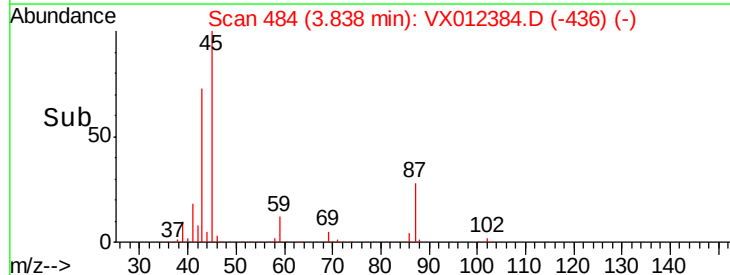
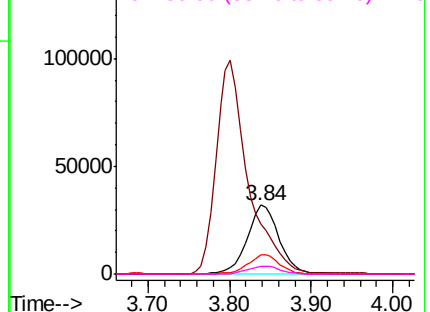
43 71.8 48.3 72.5

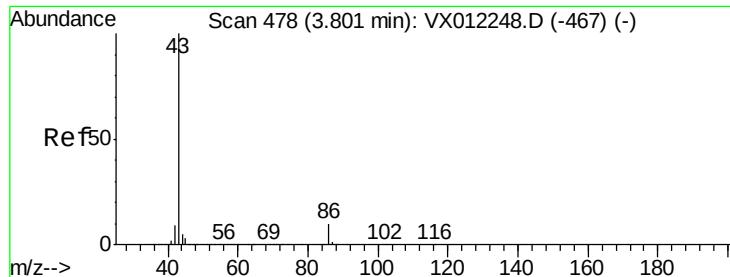
87 27.7 21.8 32.8

59 12.2 9.1 13.7



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: 92.737 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

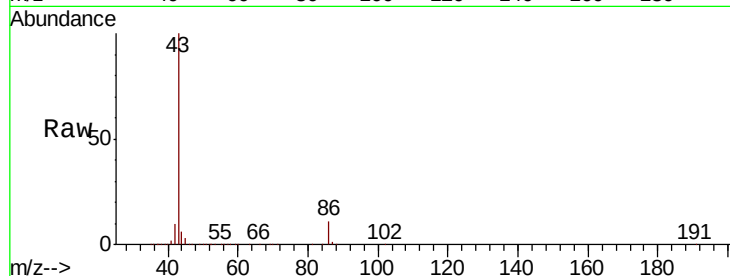
VX0913SBSD03

Tgt Ion: 43 Resp: 272357

Ion Ratio Lower Upper

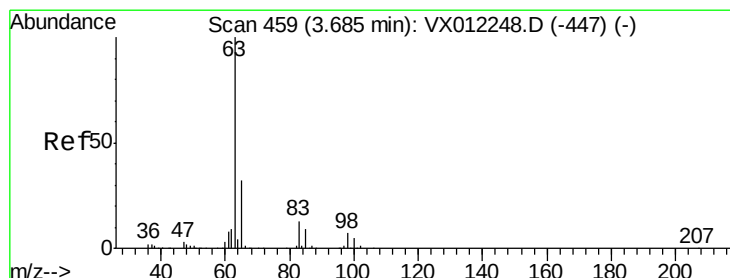
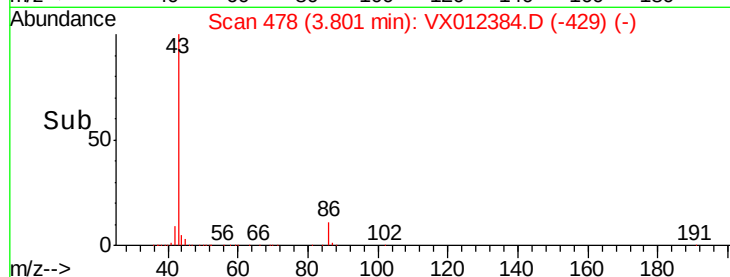
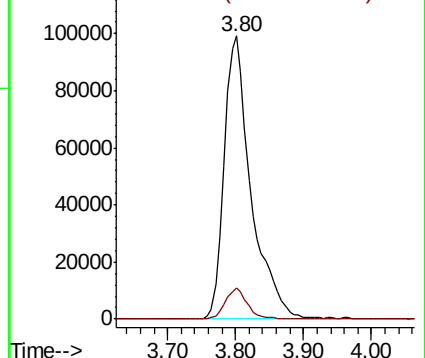
43 100

86 11.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.945 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

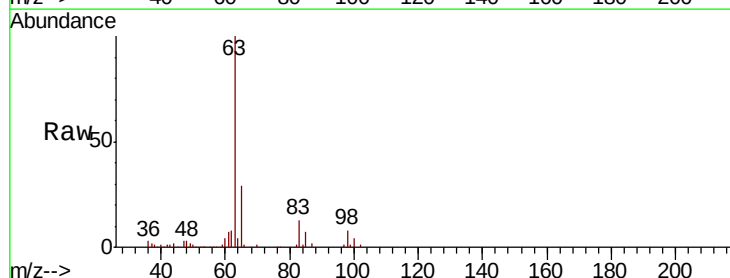
Tgt Ion: 63 Resp: 48576

Ion Ratio Lower Upper

63 100

98 8.1 3.4 10.1

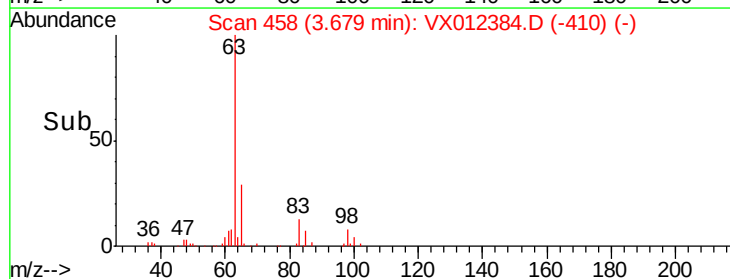
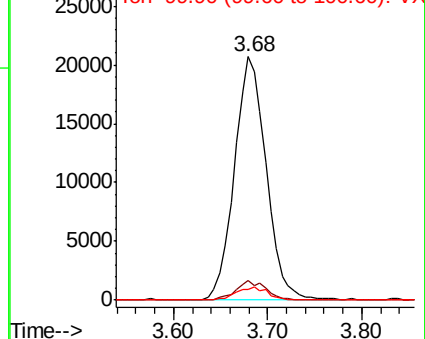
100 4.4 2.4 7.2

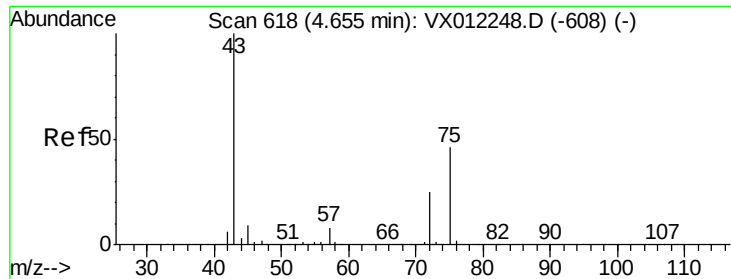


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.975 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

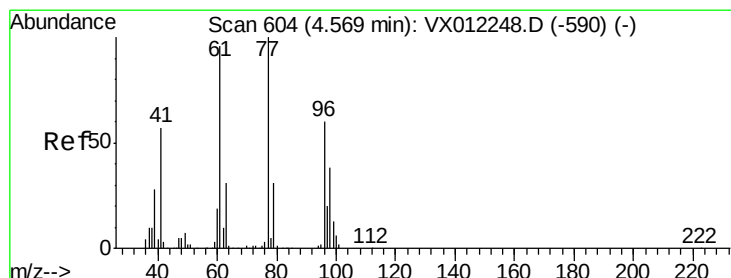
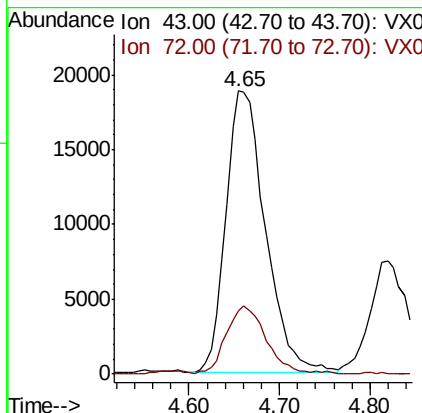
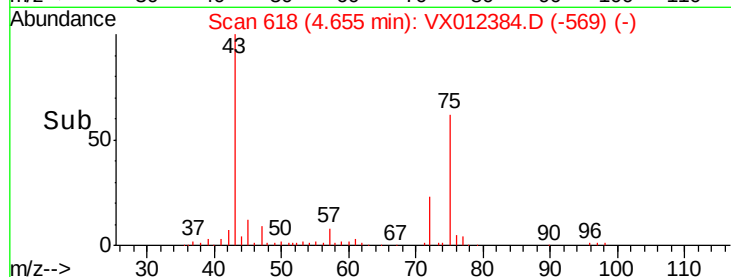
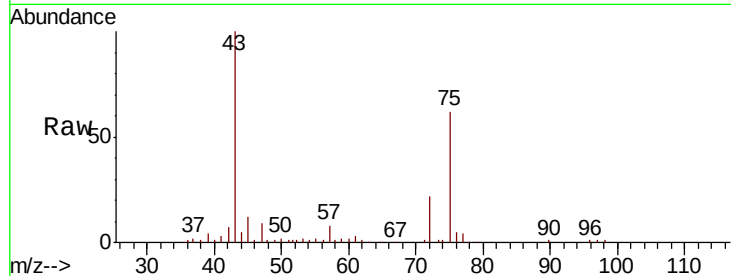
VX0913SBSD03

Tgt Ion: 43 Resp: 56872

Ion Ratio Lower Upper

43 100

72 22.2 20.2 30.2



#26

2,2-Dichloropropane

Concen: 18.308 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012384.D

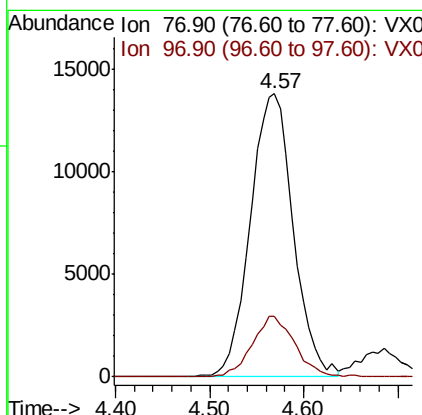
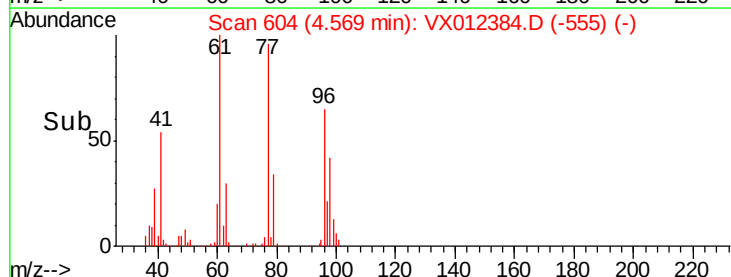
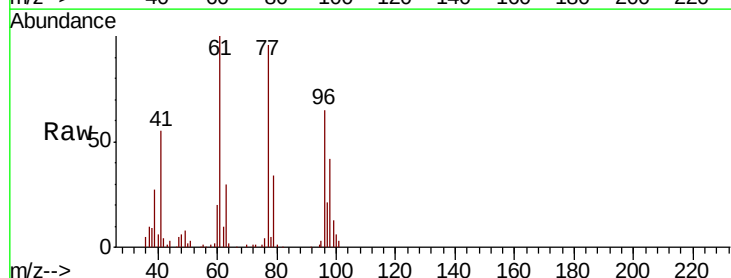
Acq: 13 Sep 2019 14:01

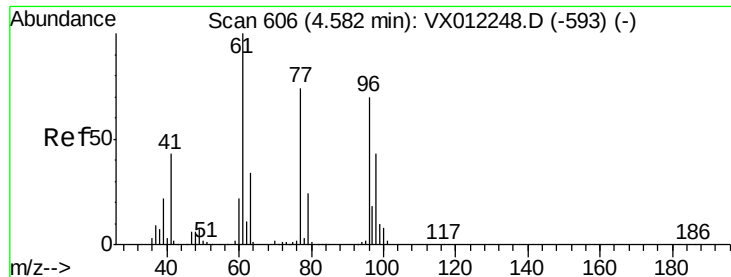
Tgt Ion: 77 Resp: 44072

Ion Ratio Lower Upper

77 100

97 21.3 10.7 32.1



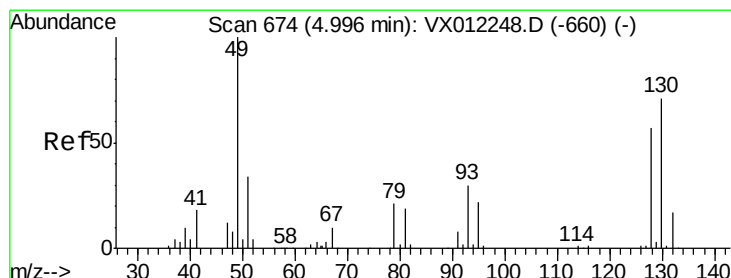
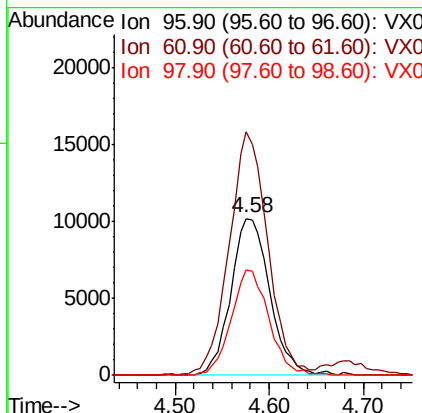
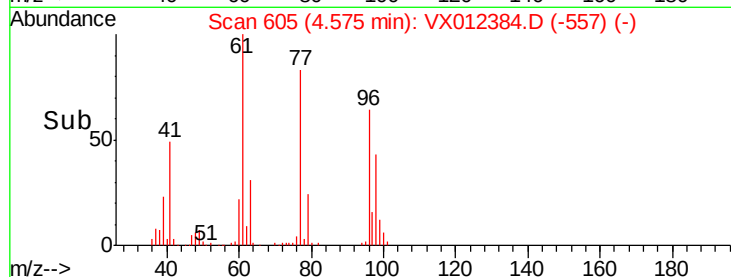
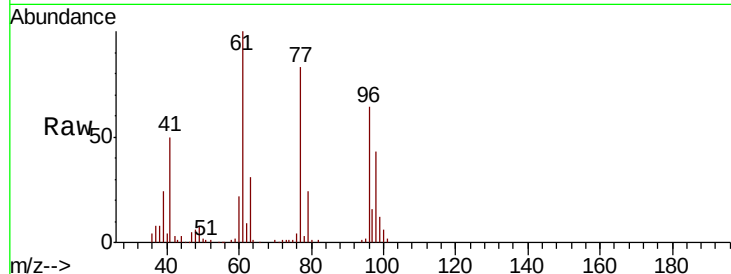


#27

cis-1,2-Dichloroethene
Concen: 18.638 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS03

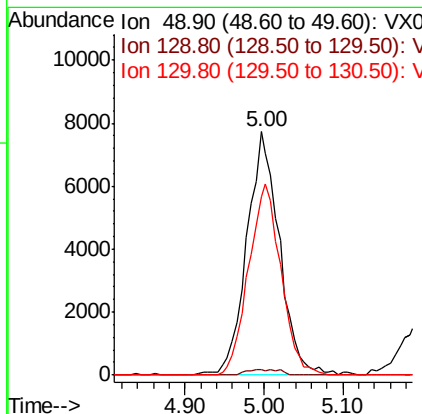
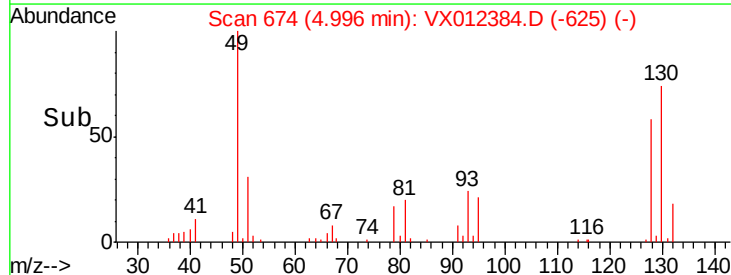
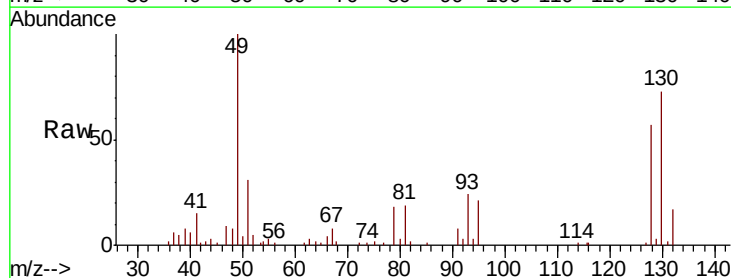
Tgt Ion: 96 Resp: 29472
Ion Ratio Lower Upper
96 100
61 153.2 0.0 310.4
98 64.7 0.0 128.8

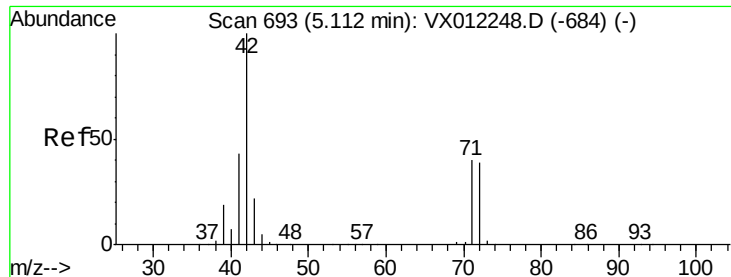


#28

Bromochloromethane
Concen: 18.450 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 49 Resp: 22187
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 77.9 60.1 90.1

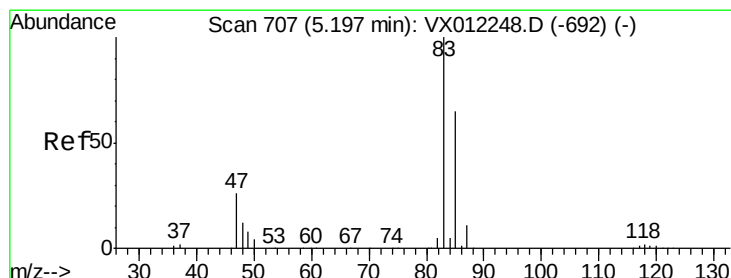
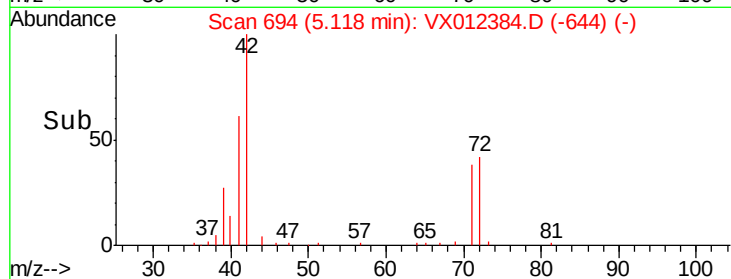
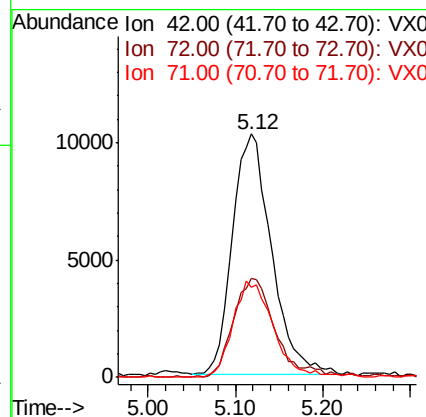
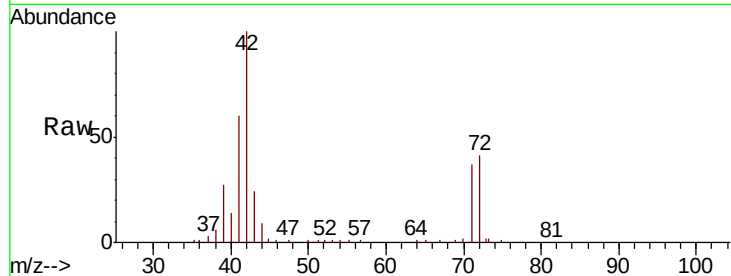




#29
Tetrahydrofuran
Concen: 102.388 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

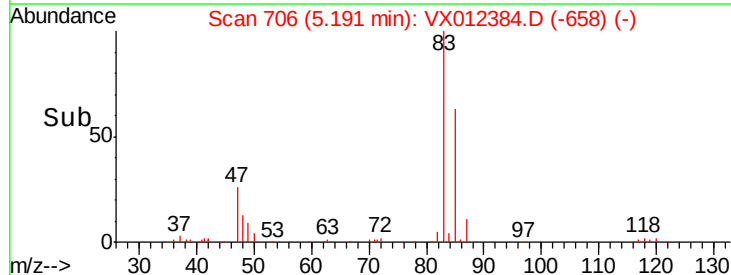
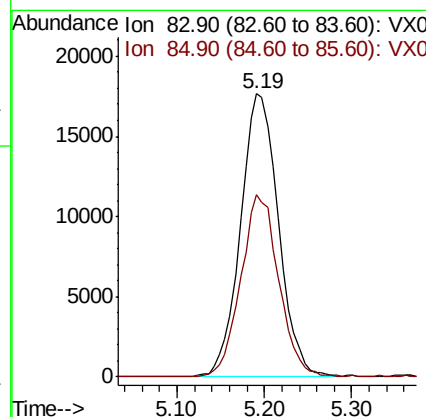
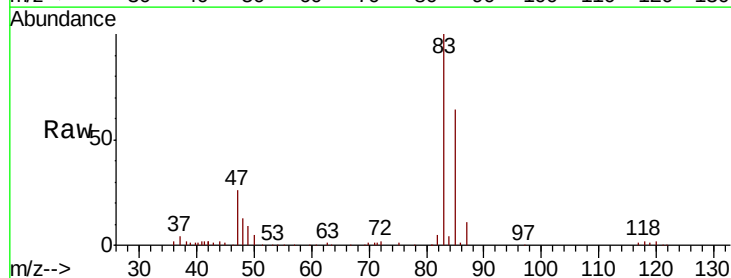
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

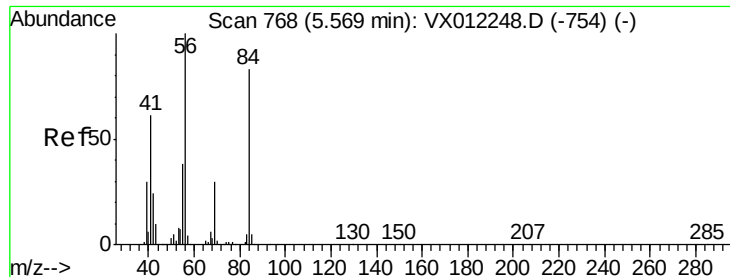
Tgt Ion: 42 Resp: 32067
Ion Ratio Lower Upper
42 100
72 44.0 35.2 52.8
71 40.8 32.5 48.7



#30
Chloroform
Concen: 18.410 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 83 Resp: 53230
Ion Ratio Lower Upper
83 100
85 64.4 52.3 78.5

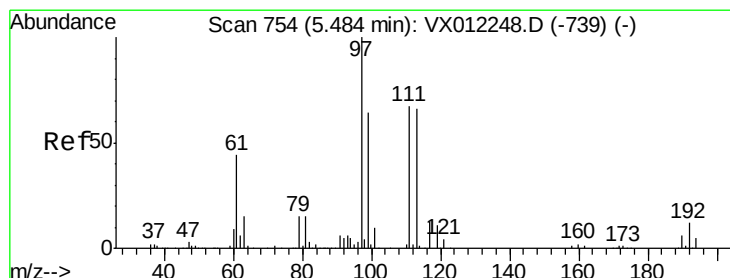
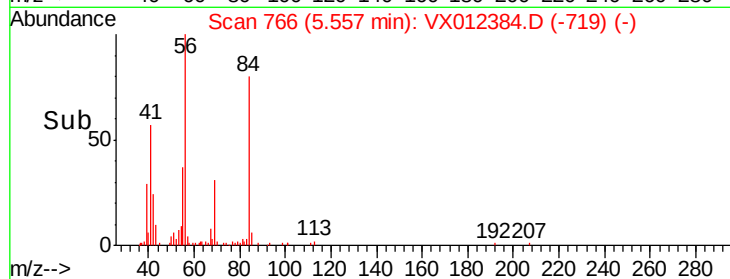
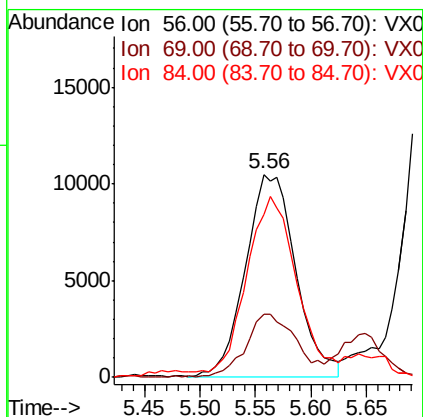
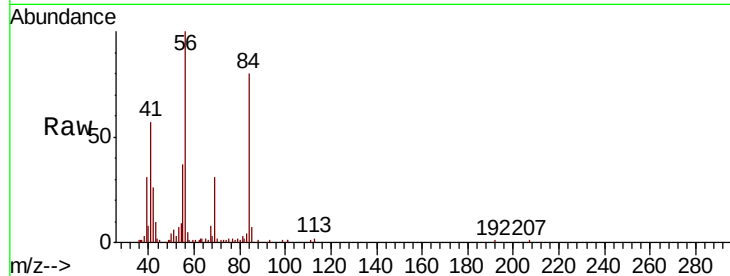




#31
Cyclohexane
Concen: 18.605 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

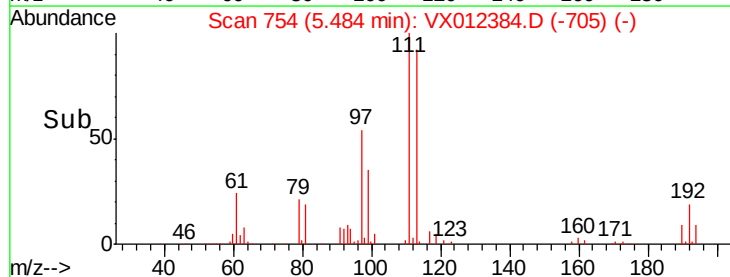
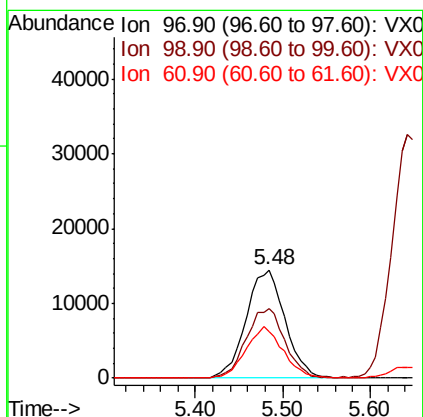
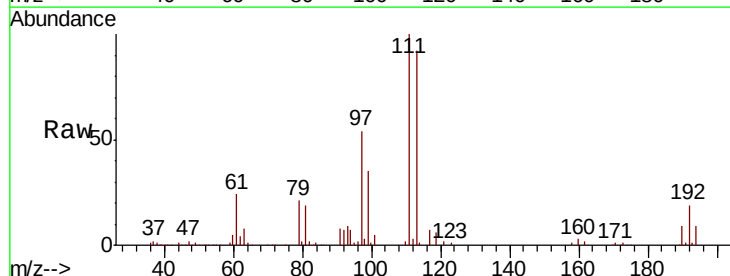
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

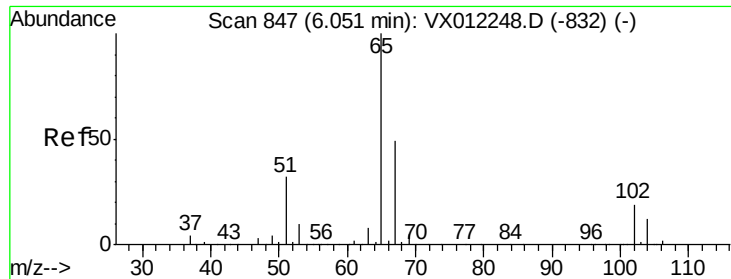
Tgt Ion: 56 Resp: 33136
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.6
84 77.7 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 18.033 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 97 Resp: 44769
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 45.4 35.4 53.0

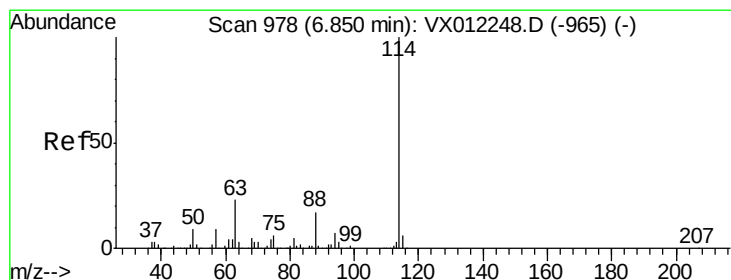
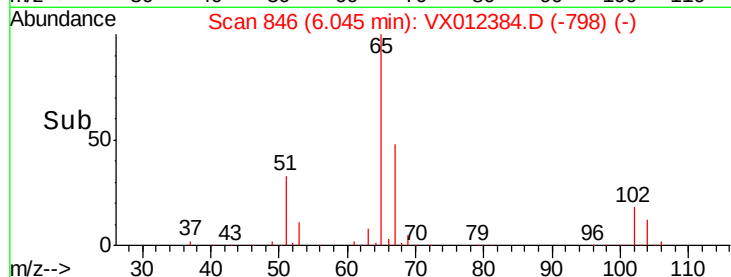
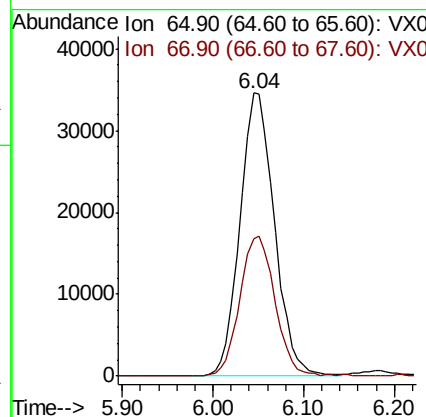
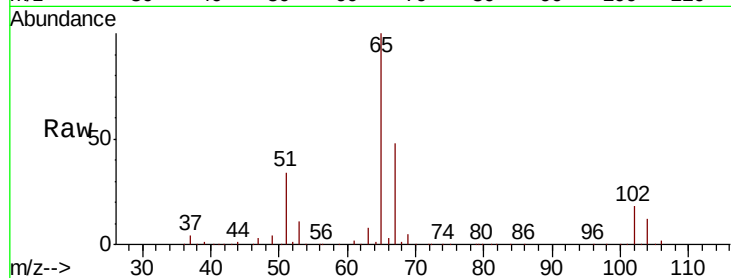




#33
 1,2-Dichloroethane-d4
 Concen: 47.524 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

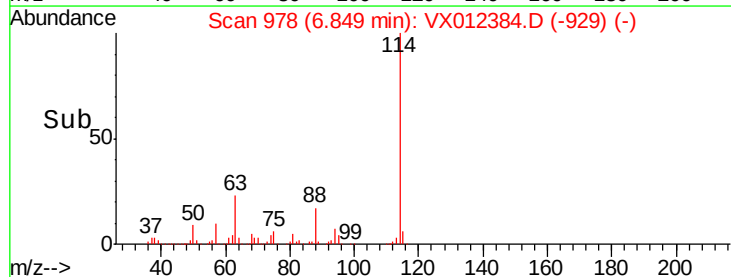
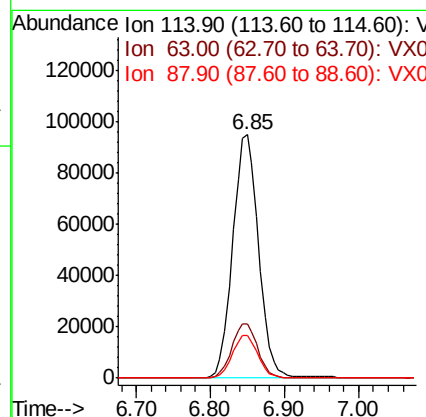
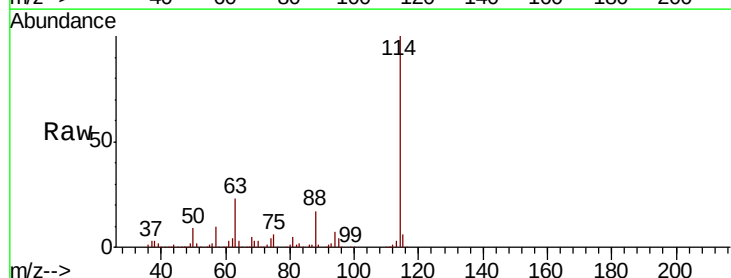
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBSD03

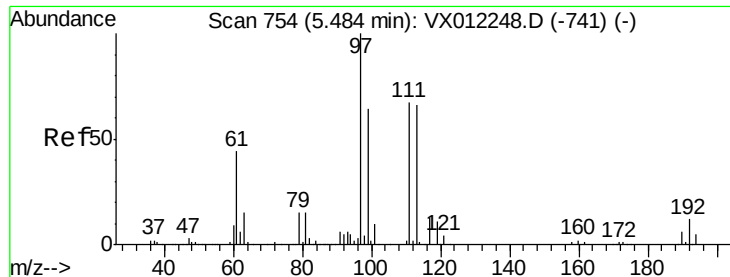
Tgt Ion: 65 Resp: 91157
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion: 114 Resp: 231544
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 17.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.844 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBSD03

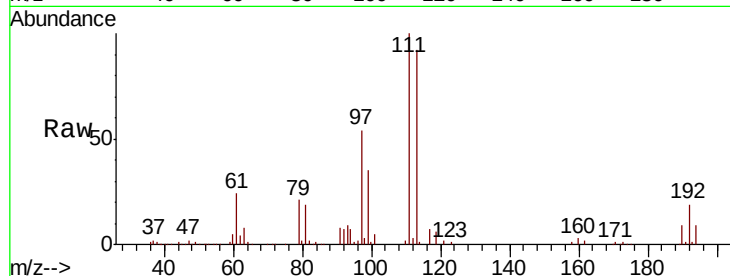
Tgt Ion:113 Resp: 72500

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

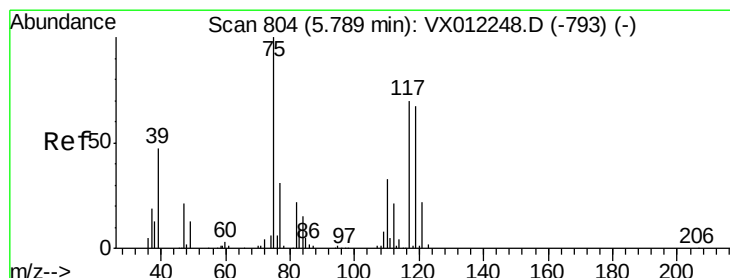
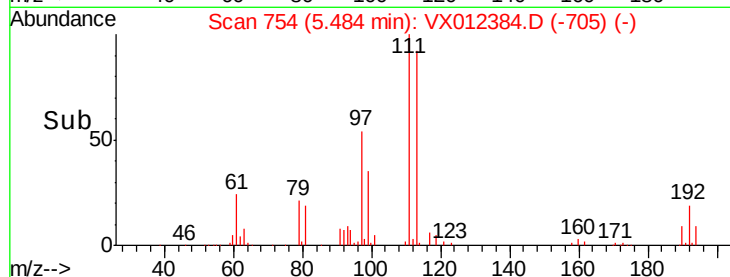
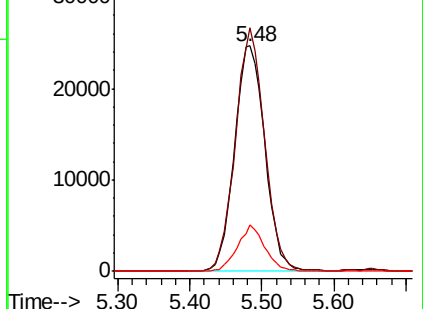
192 18.4 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.368 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

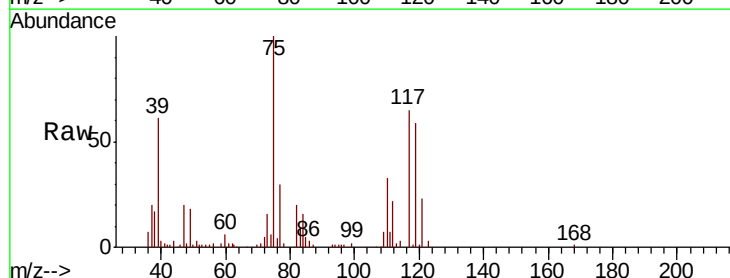
Tgt Ion: 75 Resp: 32700

Ion Ratio Lower Upper

75 100

110 36.6 16.8 50.4

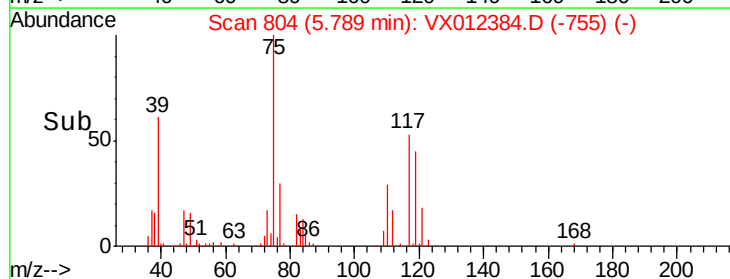
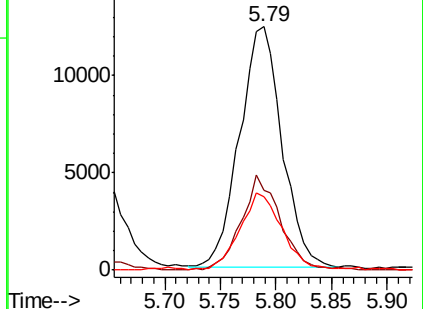
77 32.2 24.5 36.7

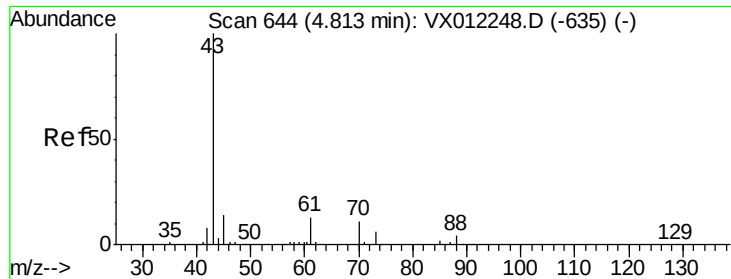


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

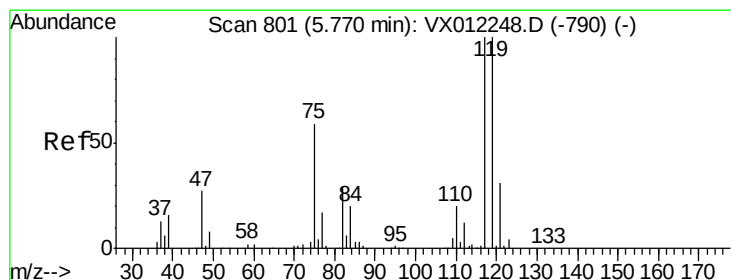
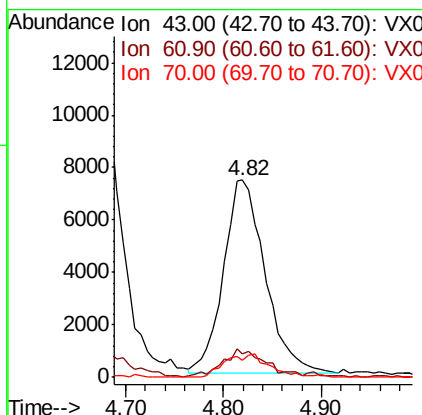
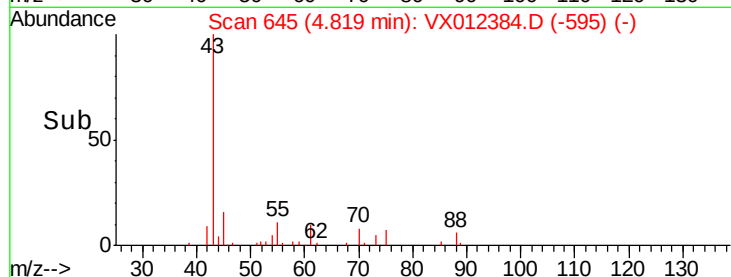
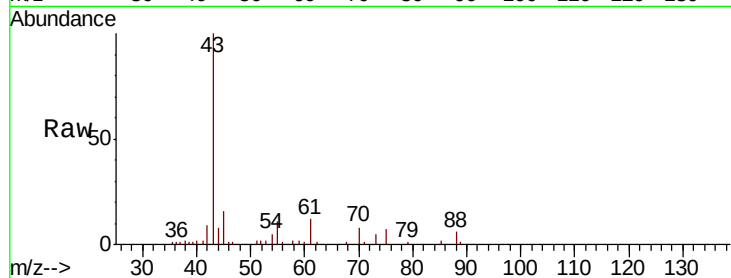




#37
Ethyl Acetate
Concen: 21.017 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

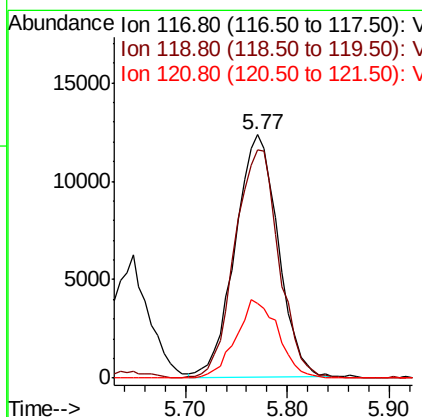
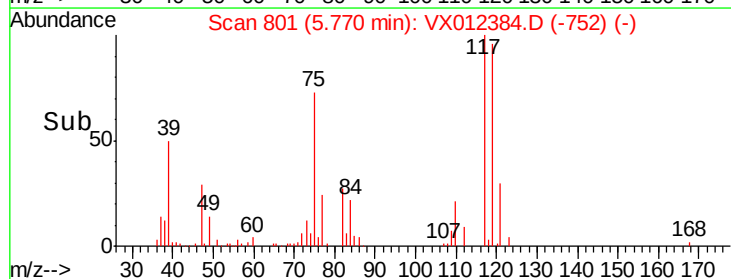
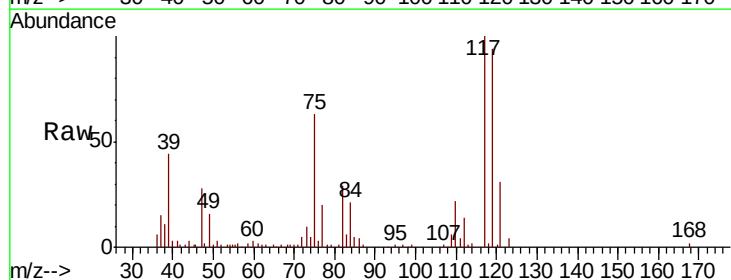
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

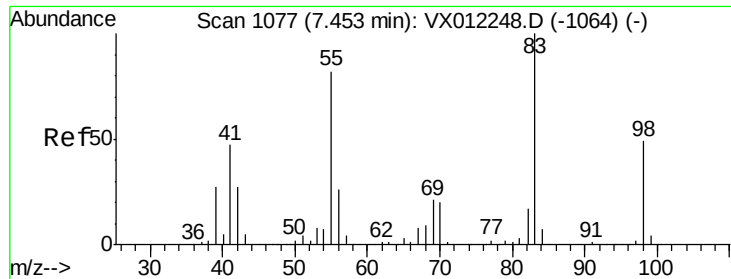
Tgt Ion: 43 Resp: 21935
Ion Ratio Lower Upper
43 100
61 15.0 10.3 15.5
70 5.8 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 18.302 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 117 Resp: 36253
Ion Ratio Lower Upper
117 100
119 93.7 79.6 119.4
121 30.7 24.7 37.1

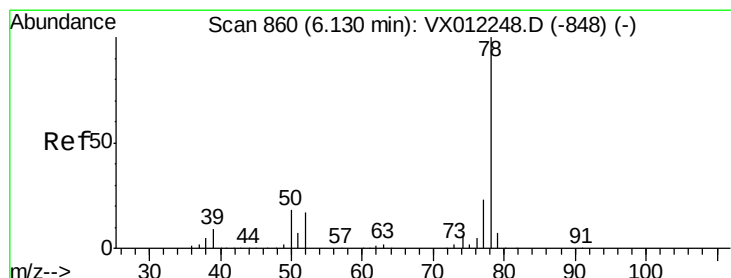
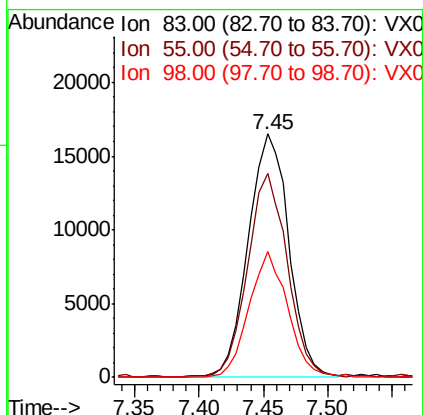
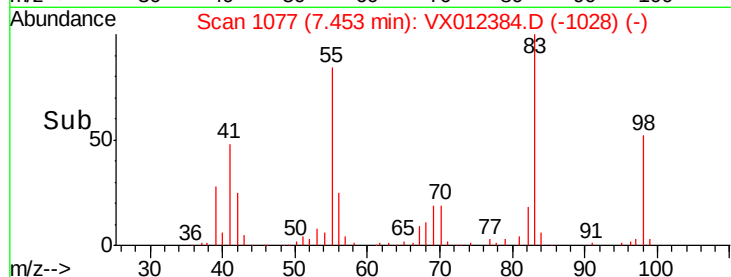
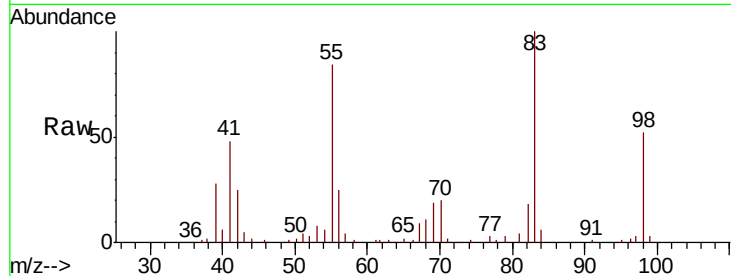




#39
Methylcyclohexane
Concen: 19.496 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

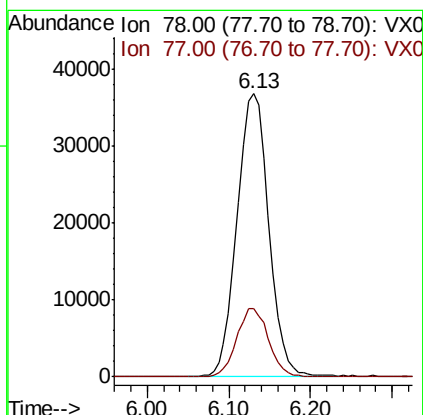
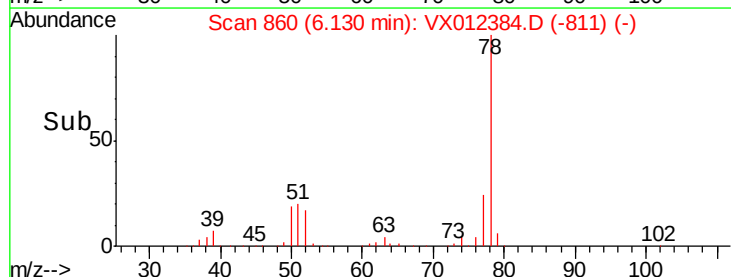
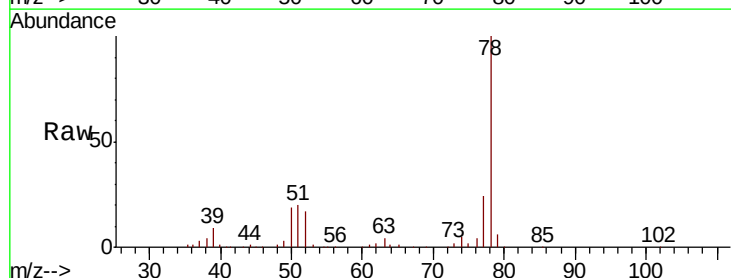
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS03

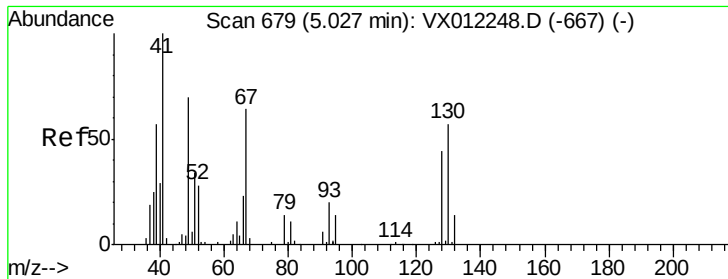
Tgt Ion: 83 Resp: 36122
Ion Ratio Lower Upper
83 100
55 83.4 65.4 98.2
98 51.9 39.6 59.4



#40
Benzene
Concen: 19.484 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 78 Resp: 99562
Ion Ratio Lower Upper
78 100
77 24.2 18.0 27.0

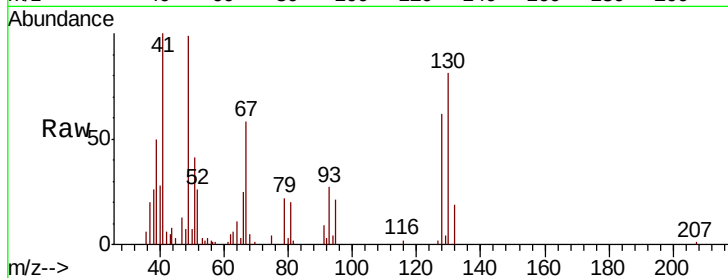




#41
Methacrylonitrile
Concen: 20.169 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS03

Tgt Ion:	41	Resp:	12977
Ion	Ratio	Lower	Upper
41	100		
39	56.0	49.0	73.4
67	68.1	55.0	82.4
52	33.6	25.4	38.0



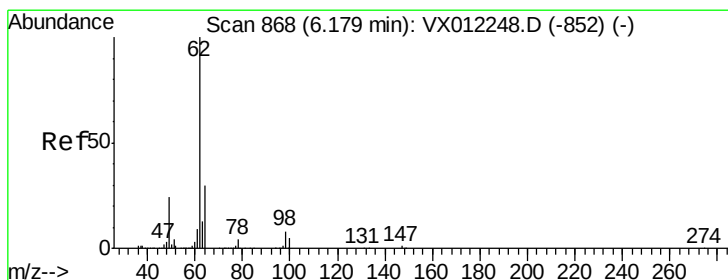
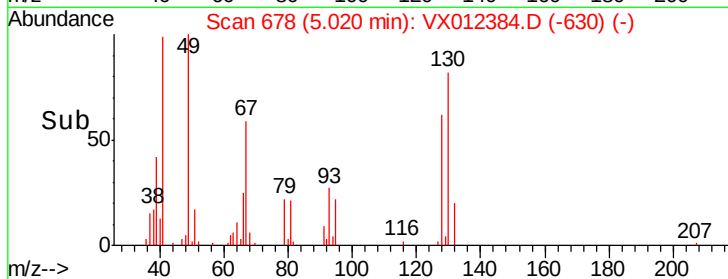
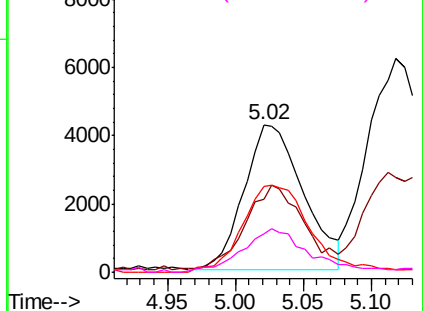
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

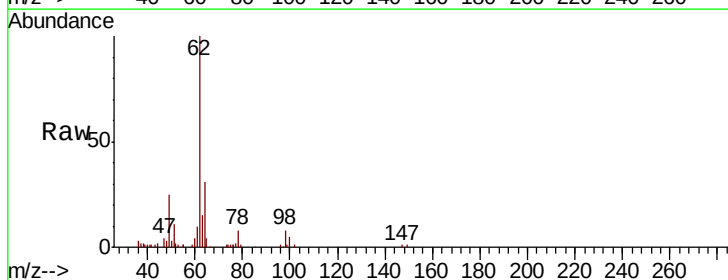
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.417 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

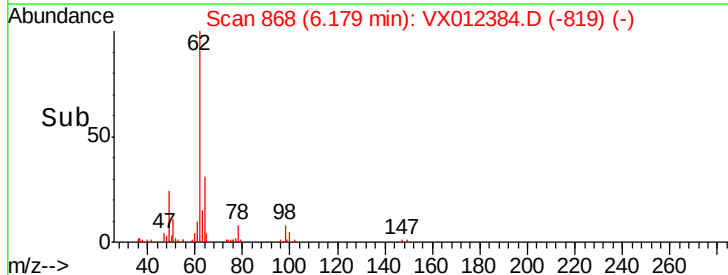
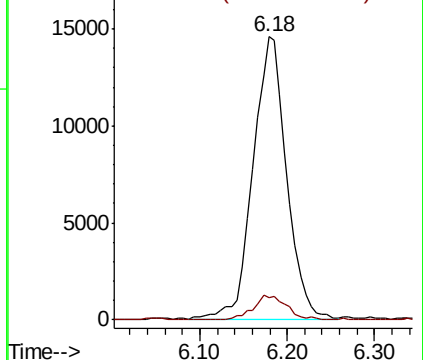
Tgt Ion:	62	Resp:	39215
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2

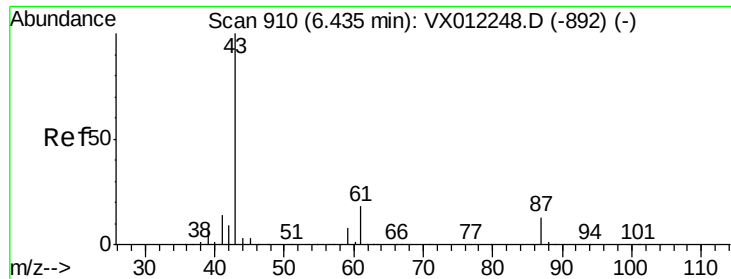


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.547 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBSD03

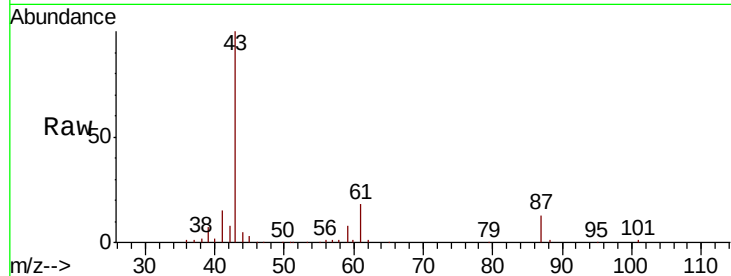
Tgt Ion: 43 Resp: 43011

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.2

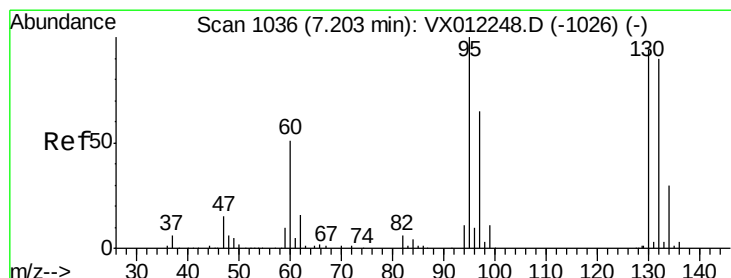
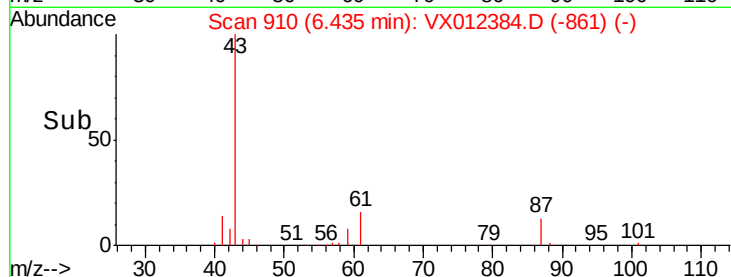
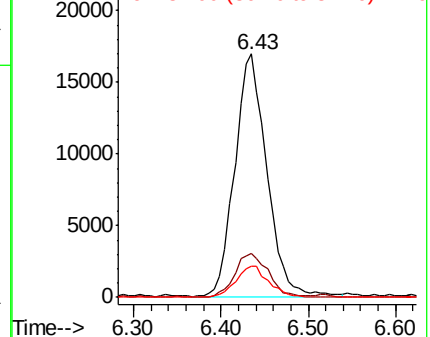
87 13.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.117 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012384.D

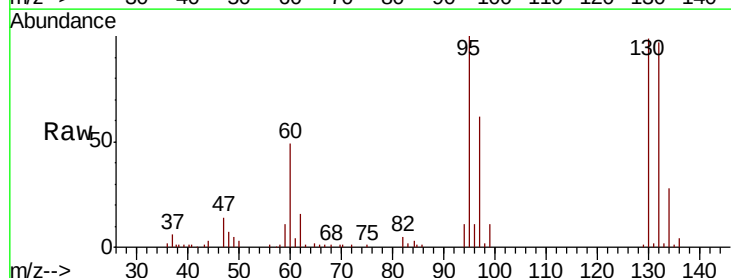
Acq: 13 Sep 2019 14:01

Tgt Ion: 130 Resp: 27820

Ion Ratio Lower Upper

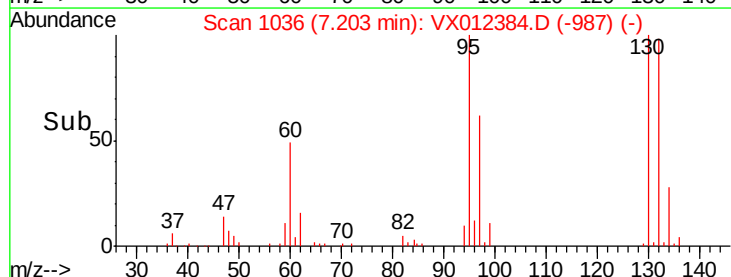
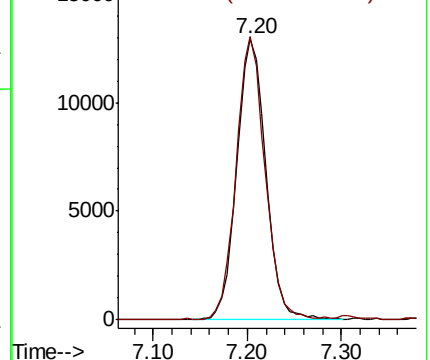
130 100

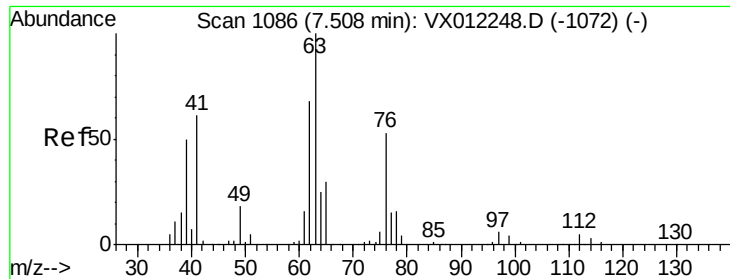
95 100.7 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.062 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

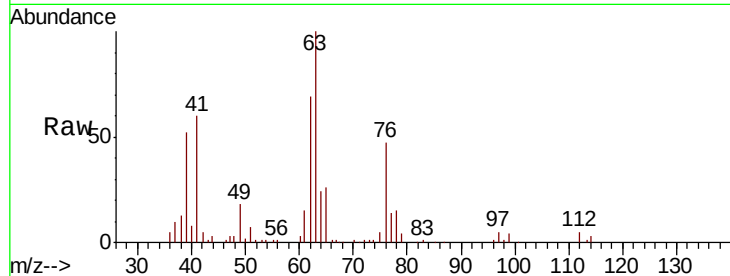
VX0913SBSD03

Tgt Ion: 63 Resp: 26961

Ion Ratio Lower Upper

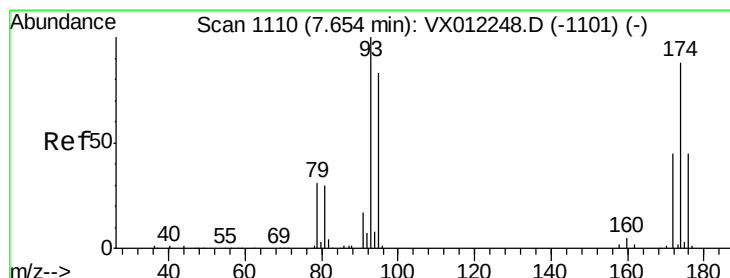
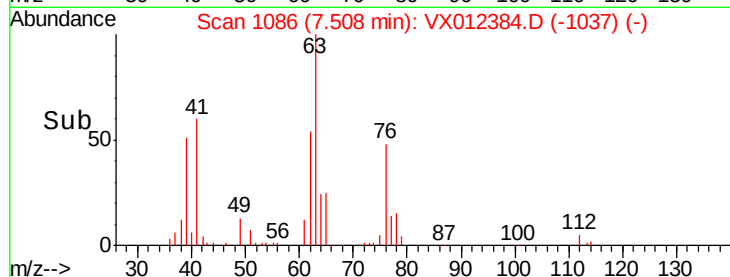
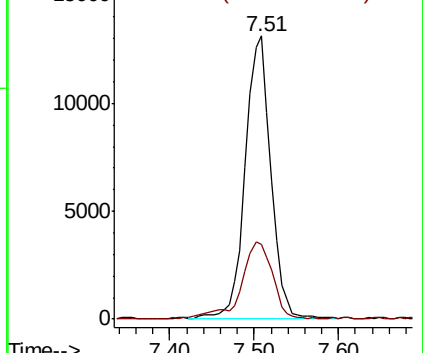
63 100

65 26.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.687 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

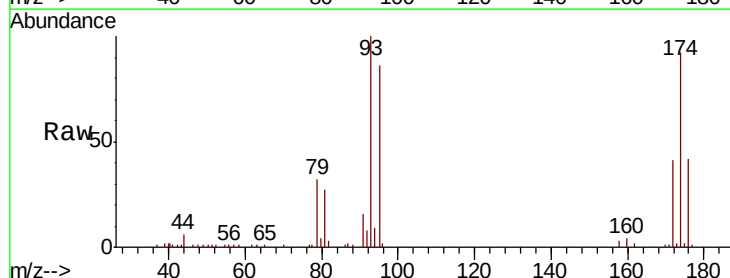
Tgt Ion: 93 Resp: 15219

Ion Ratio Lower Upper

93 100

95 84.4 65.7 98.5

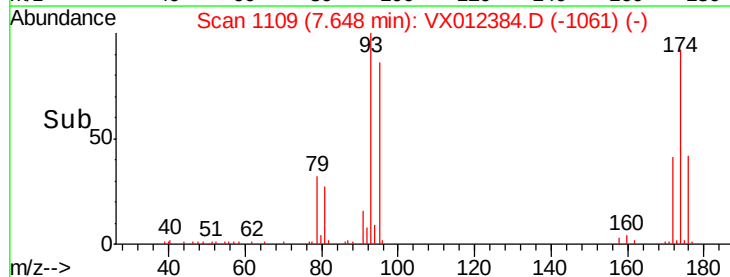
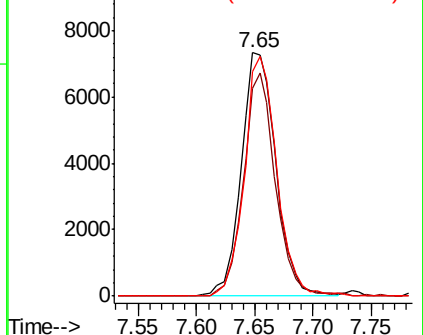
174 92.4 71.0 106.4

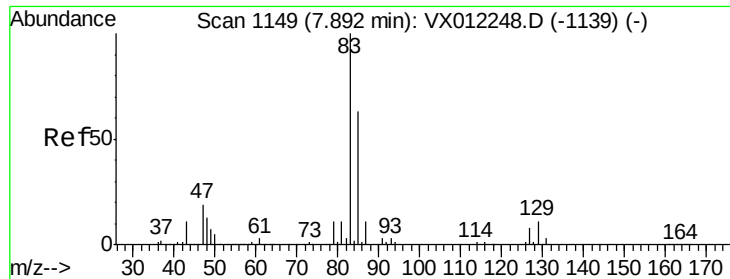


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.039 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBSD03

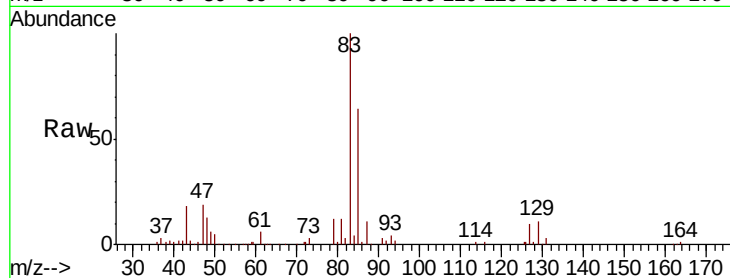
Tgt Ion: 83 Resp: 38055

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.4

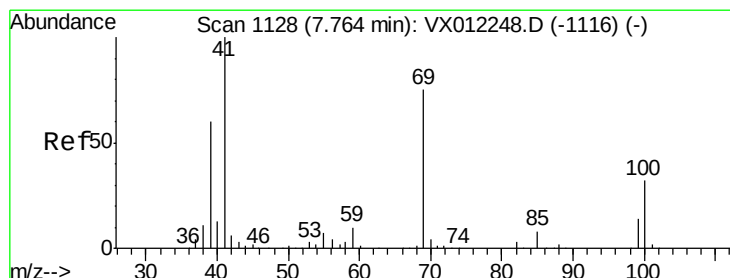
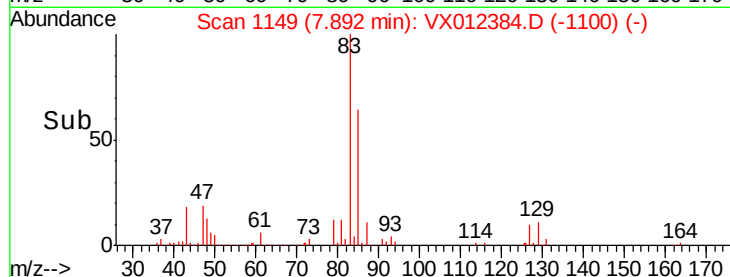
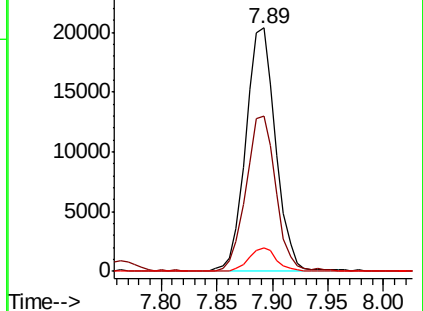
127 9.7 6.3 9.5#



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: 19.398 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

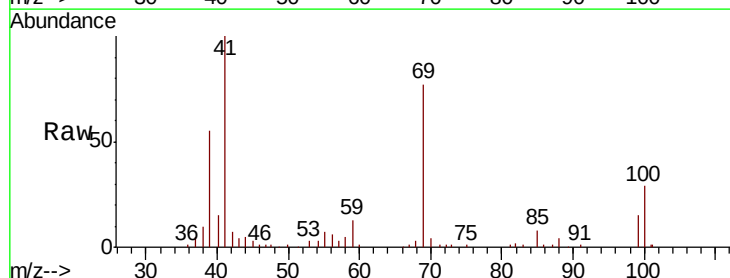
Tgt Ion: 41 Resp: 20430

Ion Ratio Lower Upper

41 100

69 78.5 61.8 92.6

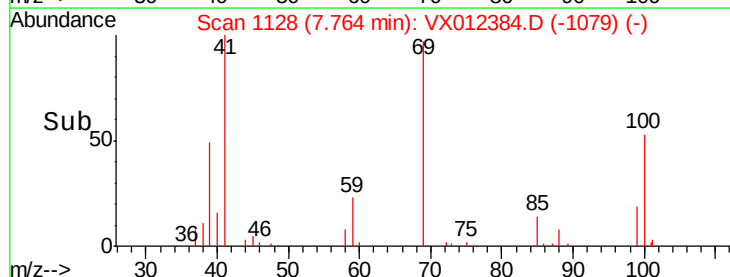
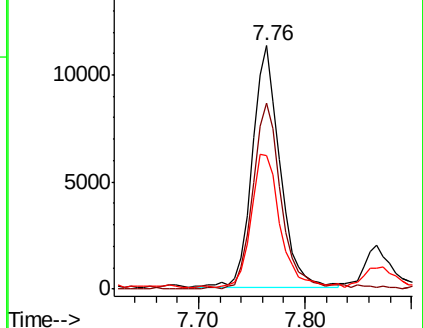
39 58.5 48.6 73.0

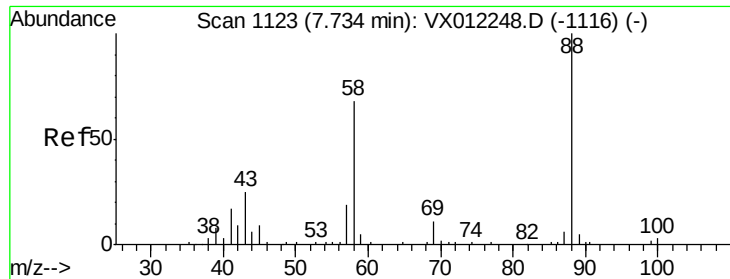


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

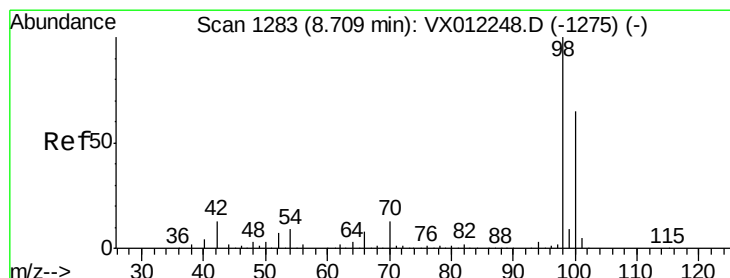
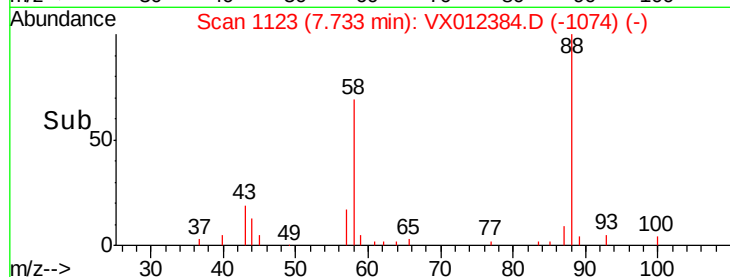
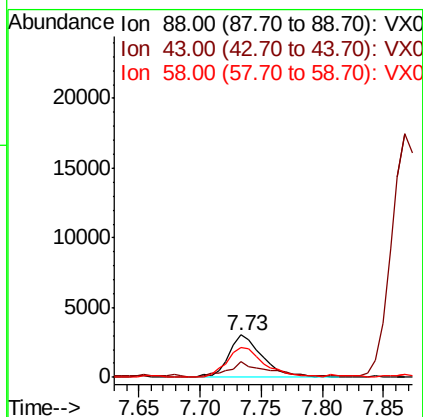
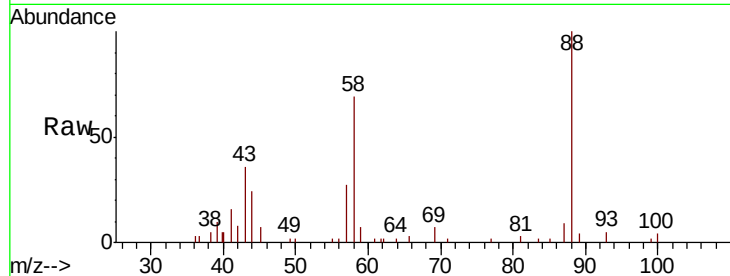




#49
 1,4-Dioxane
 Concen: 404.726 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

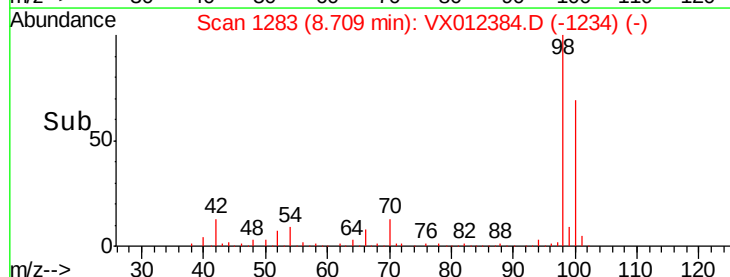
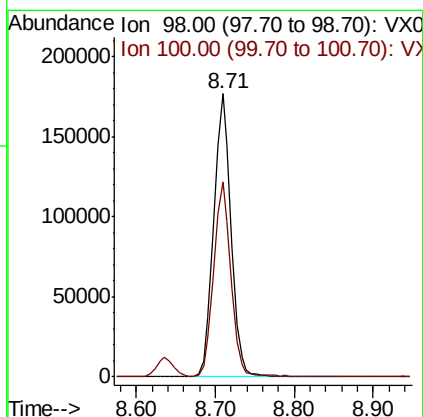
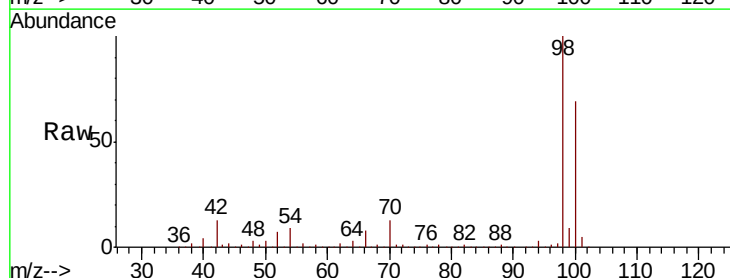
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS03

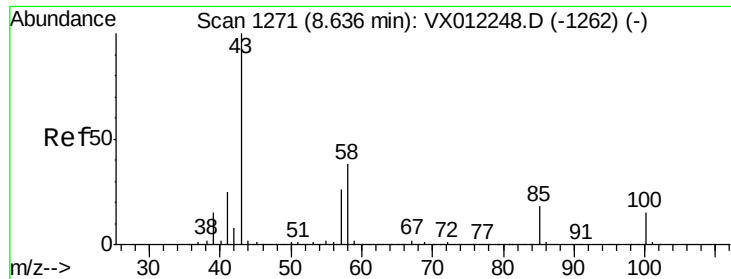
Tgt Ion: 88 Resp: 5752
 Ion Ratio Lower Upper
 88 100
 43 47.0 31.0 46.4#
 58 80.6 61.5 92.3



#50
 Toluene-d8
 Concen: 52.533 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion: 98 Resp: 273485
 Ion Ratio Lower Upper
 98 100
 100 67.2 54.1 81.1

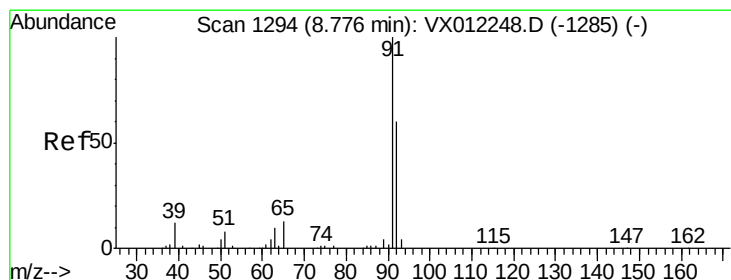
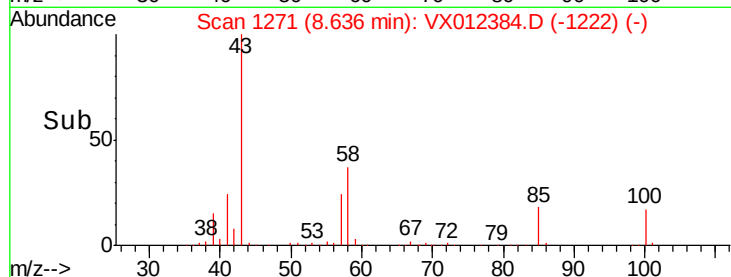
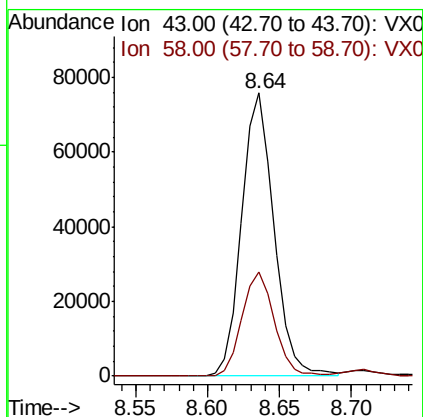
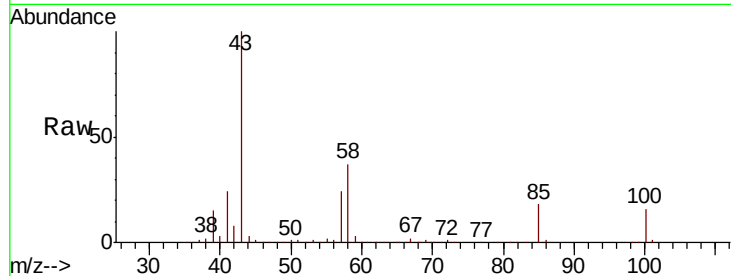




#51
 4-Methyl-2-Pentanone
 Concen: 101.579 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

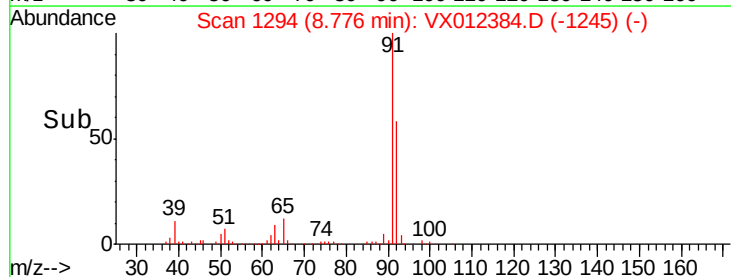
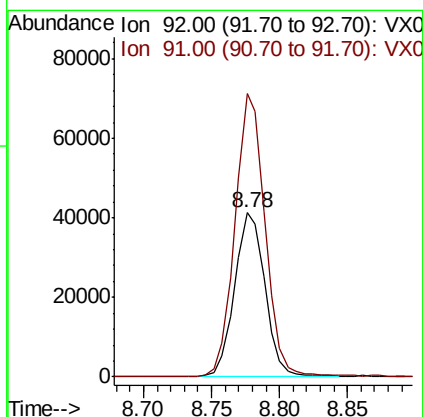
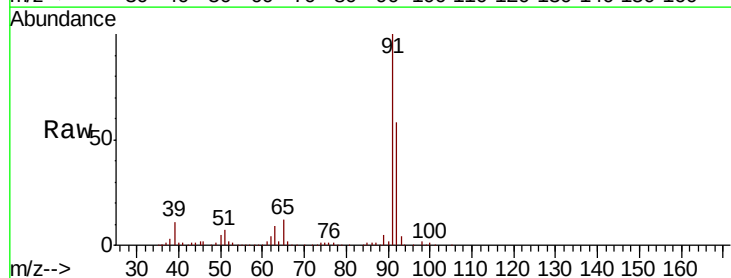
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBSD03

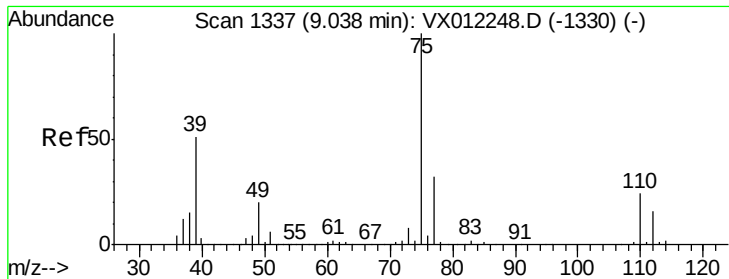
Tgt Ion: 43 Resp: 117965
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.1 45.1



#52
 Toluene
 Concen: 19.081 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion: 92 Resp: 64402
 Ion Ratio Lower Upper
 92 100
 91 171.0 133.6 200.4





#53

t-1,3-Dichloropropene

Concen: 17.930 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

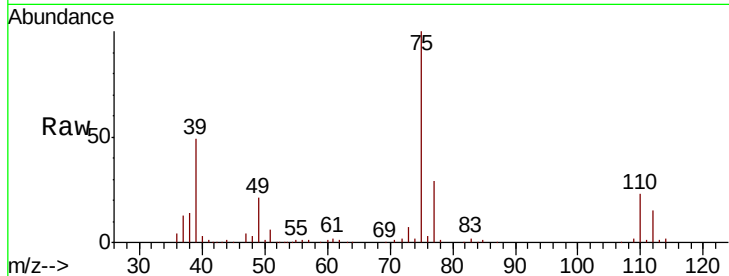
VX0913SBSD03

Tgt Ion: 75 Resp: 37753

Ion Ratio Lower Upper

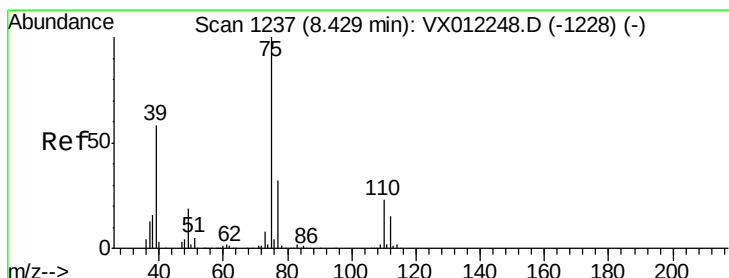
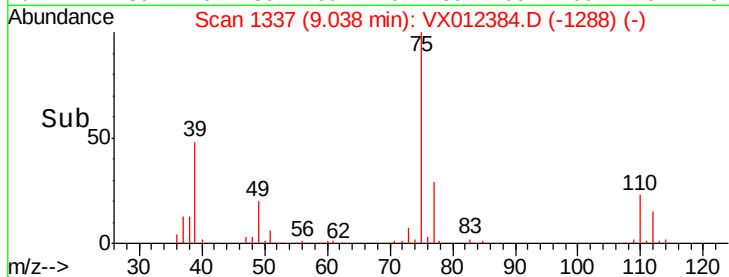
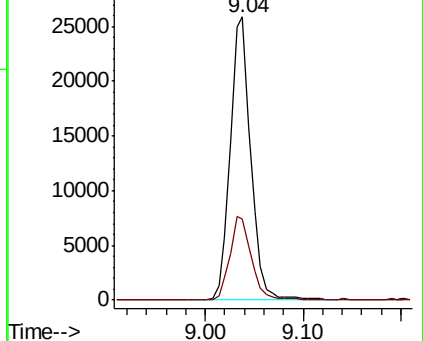
75 100

77 28.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.034 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

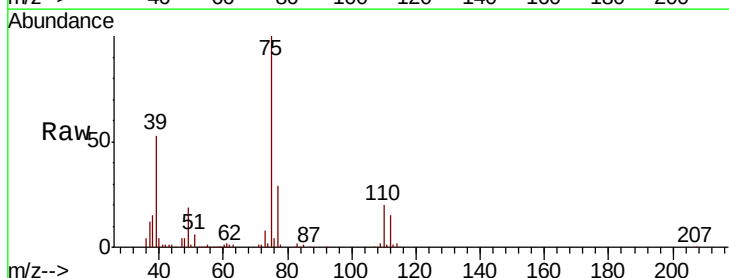
Tgt Ion: 75 Resp: 42105

Ion Ratio Lower Upper

75 100

77 29.1 25.4 38.2

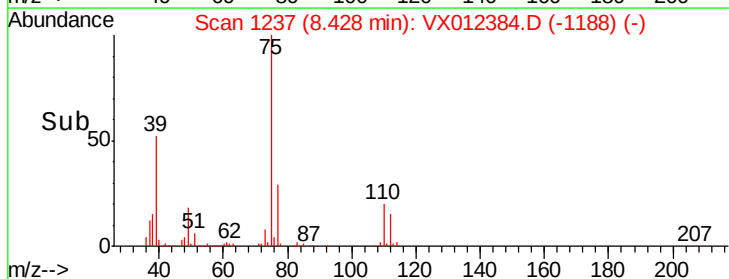
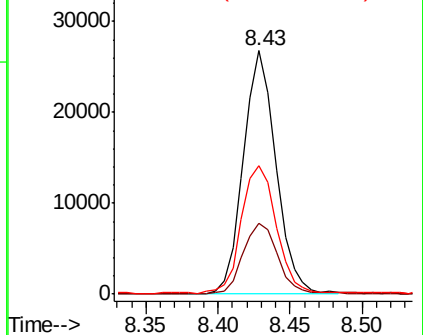
39 52.3 46.5 69.7

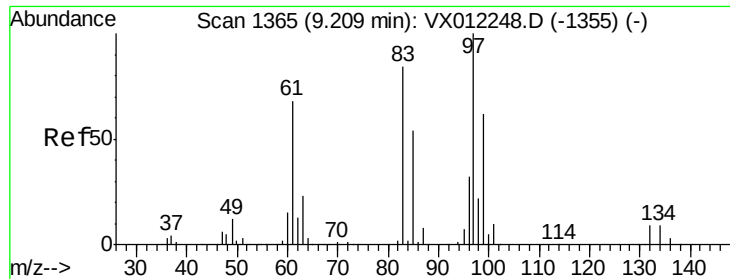


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

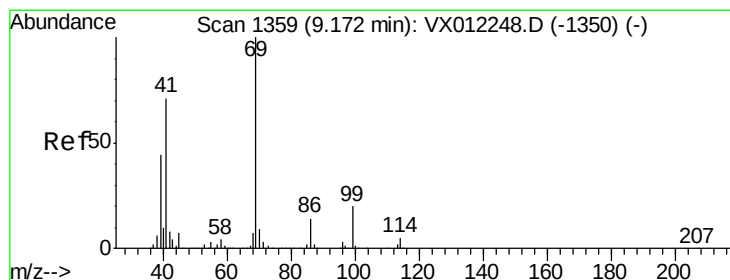
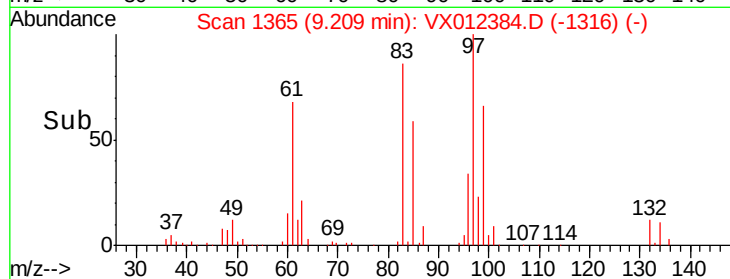
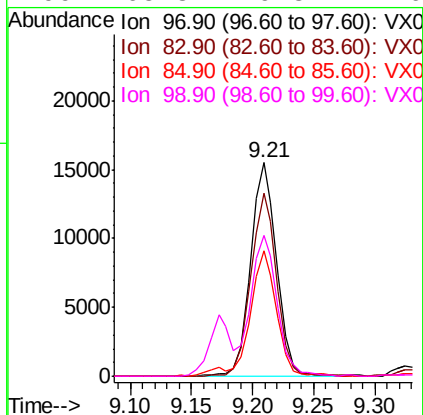
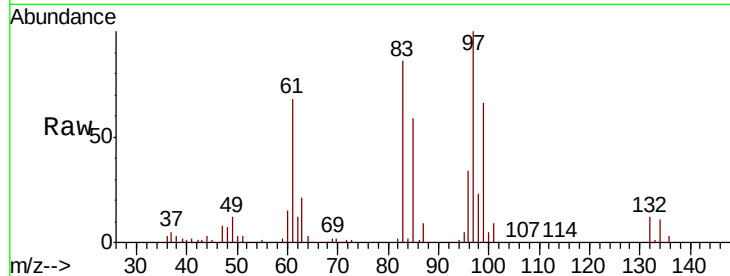




#55
 1,1,2-Trichloroethane
 Concen: 19.208 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

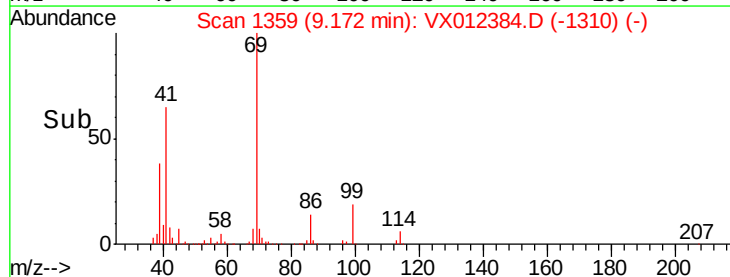
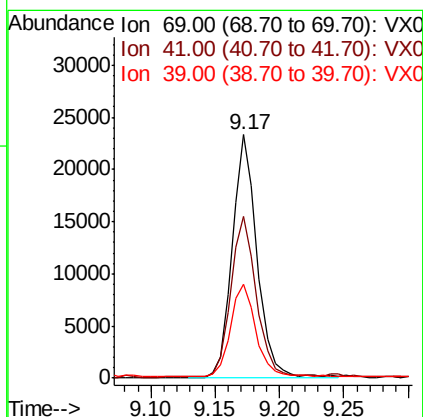
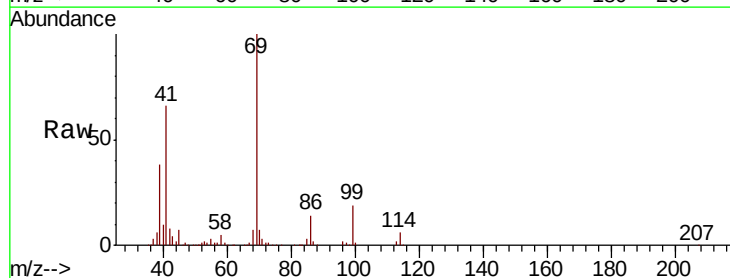
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS03

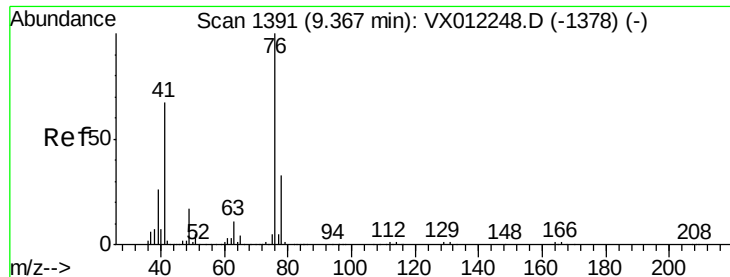
Tgt Ion:	97	Resp:	23004
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.4	101.2
85	58.9	43.4	65.2
99	65.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.508 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion:	69	Resp:	31633
Ion	Ratio	Lower	Upper
69	100		
41	67.4	57.7	86.5
39	40.0	34.0	51.0

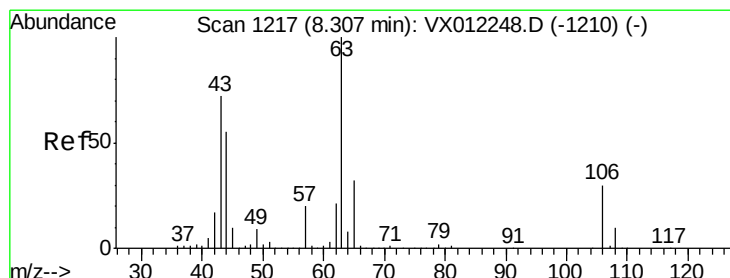
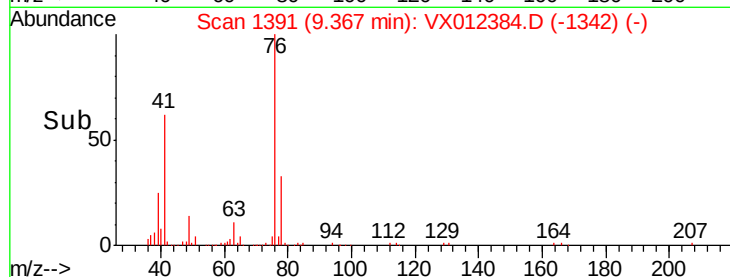
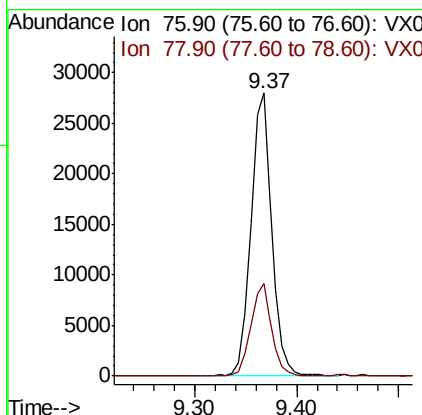
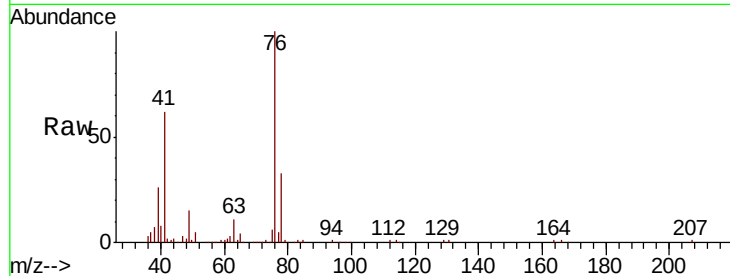




#57
 1,3-Dichloropropane
 Concen: 19.678 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

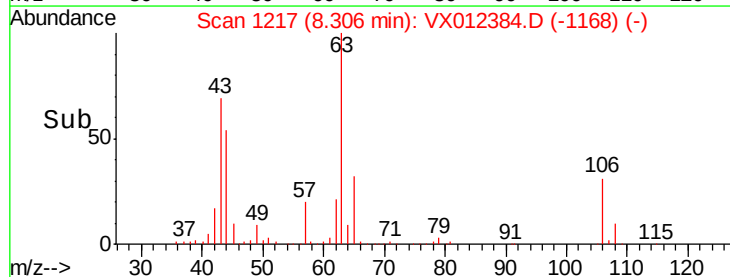
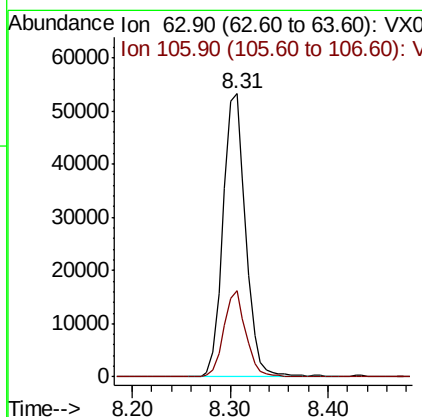
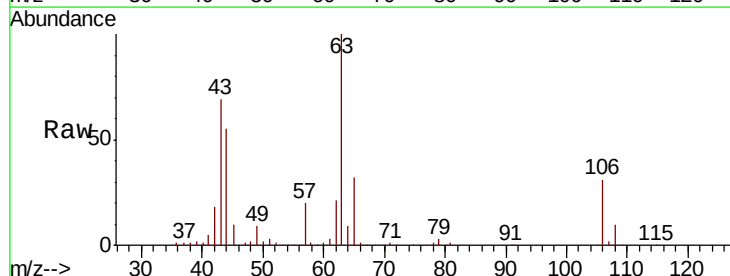
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS03

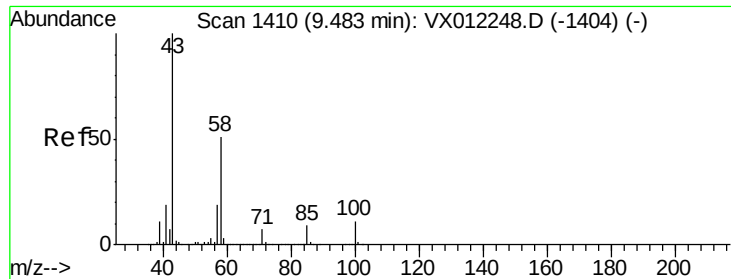
Tgt Ion: 76 Resp: 40251
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.403 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion: 63 Resp: 85106
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.4 35.2

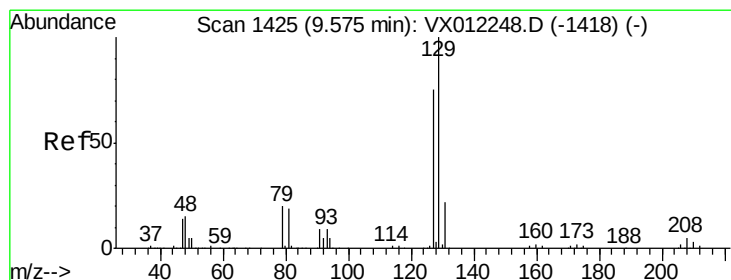
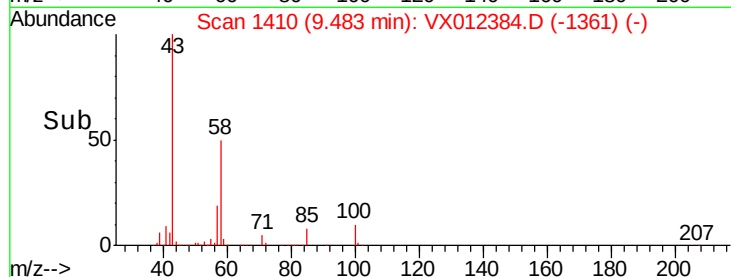
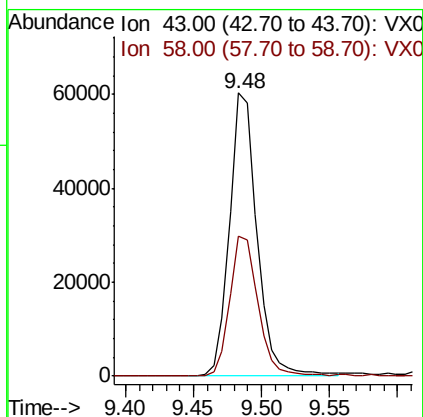
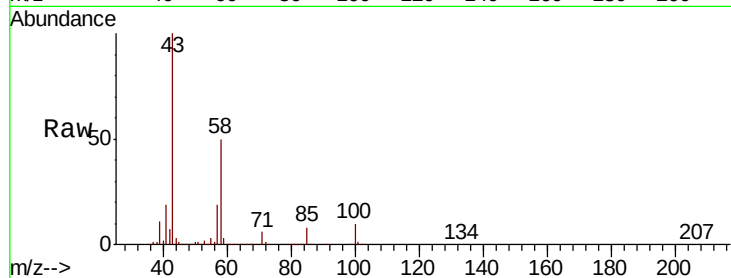




#59
2-Hexanone
Concen: 104.809 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

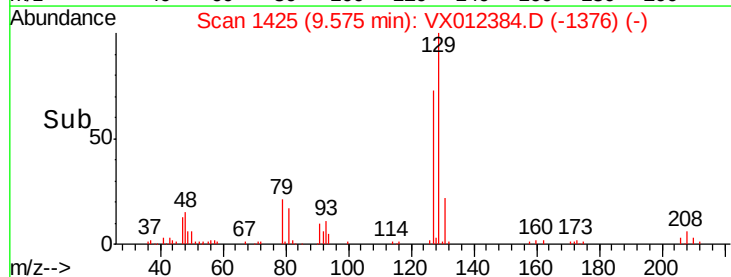
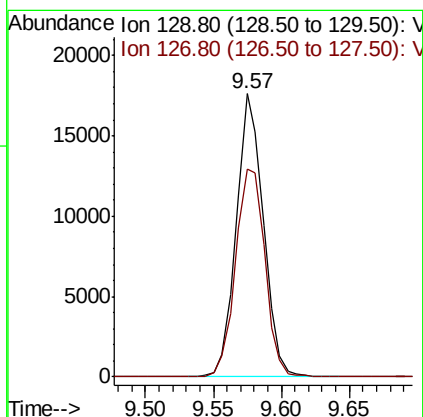
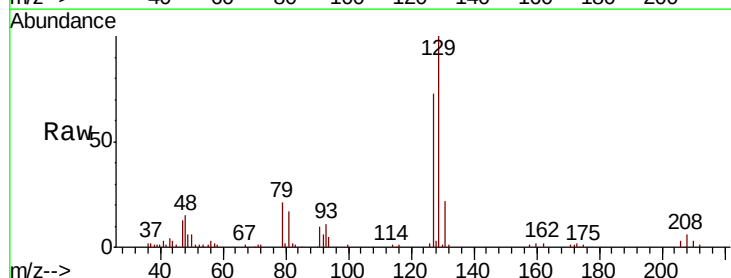
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

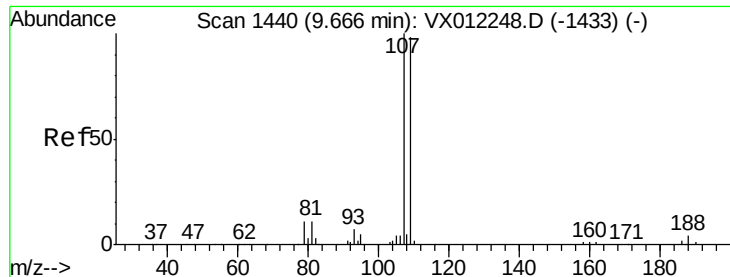
Tgt Ion: 43 Resp: 84630
Ion Ratio Lower Upper
43 100
58 51.5 25.8 77.3



#60
Dibromochloromethane
Concen: 17.458 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 129 Resp: 24409
Ion Ratio Lower Upper
129 100
127 79.6 38.1 114.3

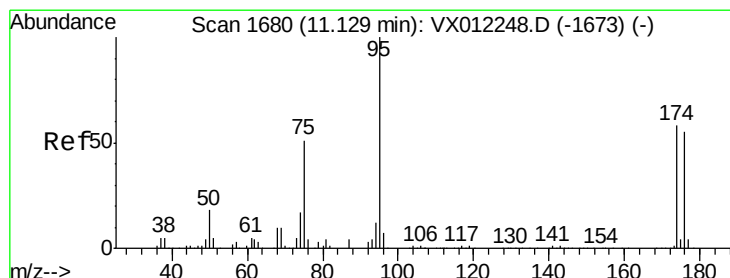
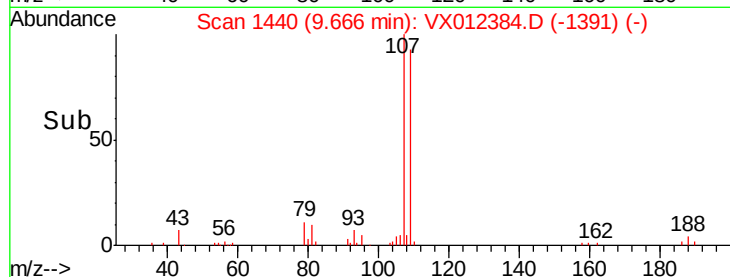
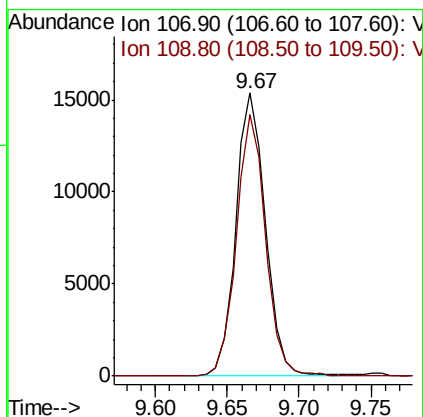
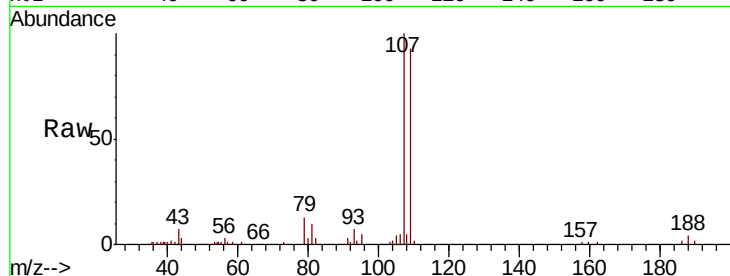




#61
 1,2-Dibromoethane
 Concen: 19.708 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

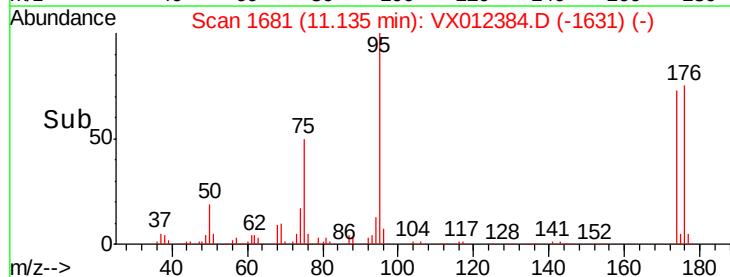
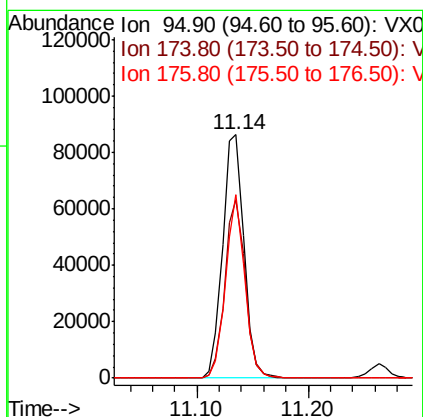
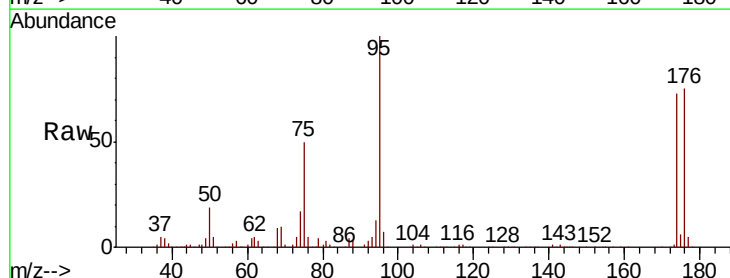
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBSD03

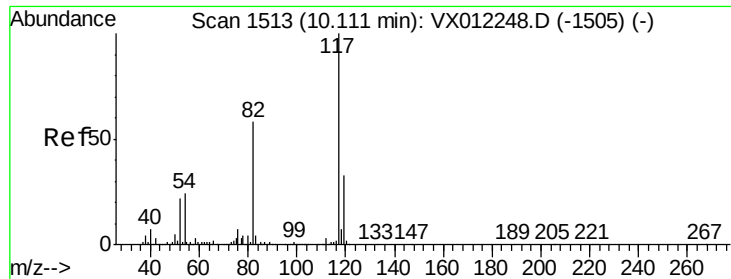
Tgt Ion: 107 Resp: 21970
 Ion Ratio Lower Upper
 107 100
 109 91.2 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 47.601 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion: 95 Resp: 114884
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 127.0
 176 66.9 0.0 125.8

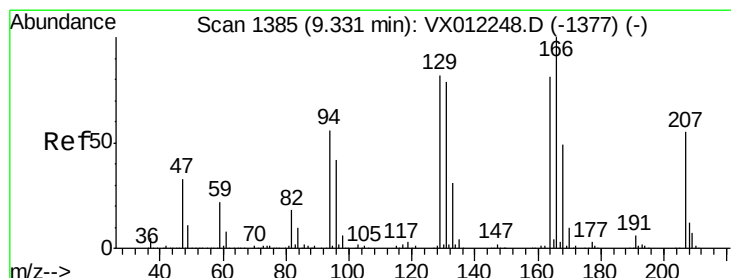
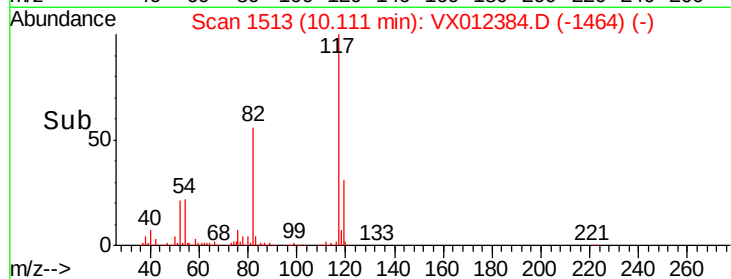
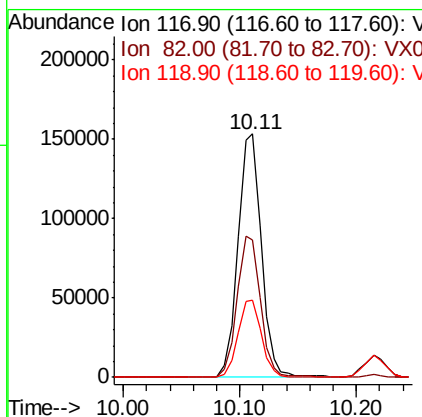
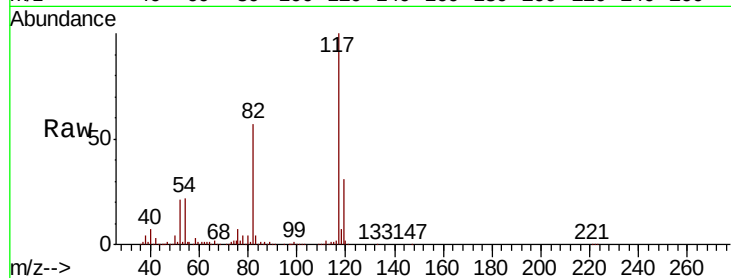




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

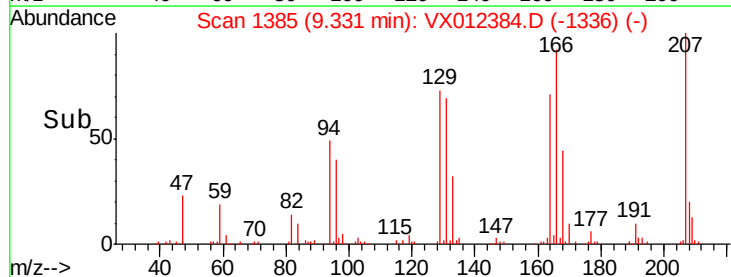
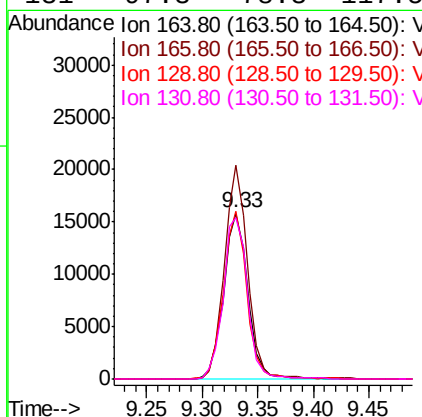
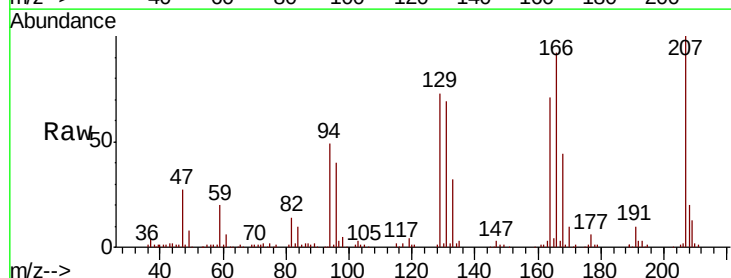
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS03

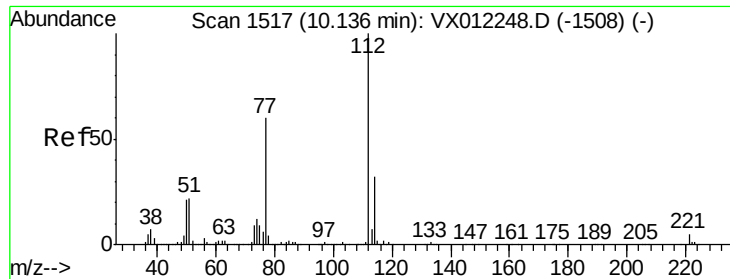
Tgt Ion:117 Resp: 215875
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 31.5 26.6 39.8



#64
Tetrachloroethene
Concen: 20.852 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion:164 Resp: 23806
Ion Ratio Lower Upper
164 100
166 129.2 99.4 149.0
129 101.7 81.8 122.8
131 97.3 78.3 117.5

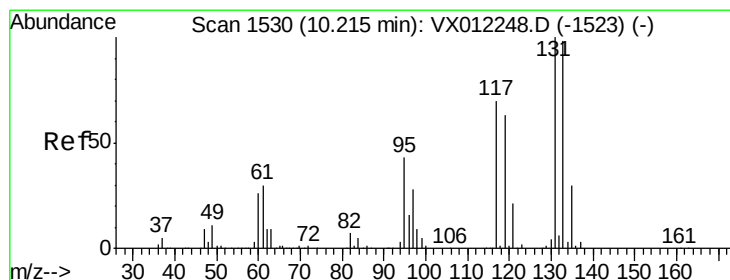
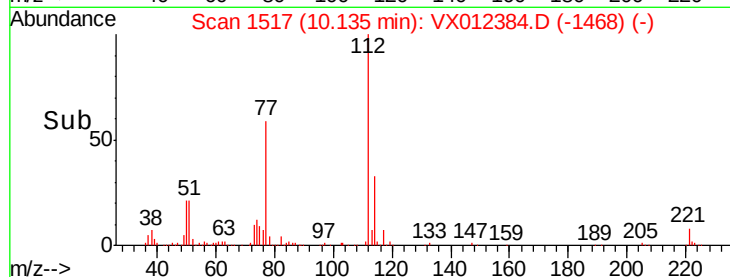
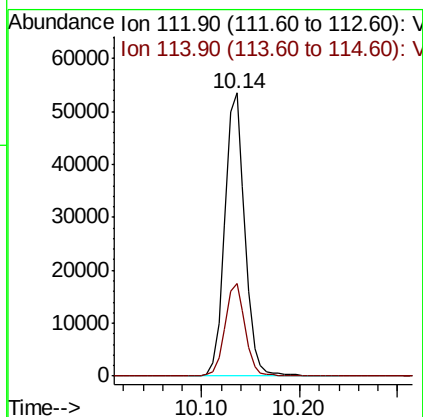
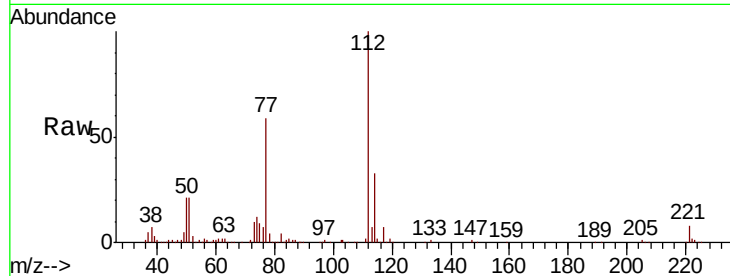




#65
Chlorobenzene
Concen: 19.255 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

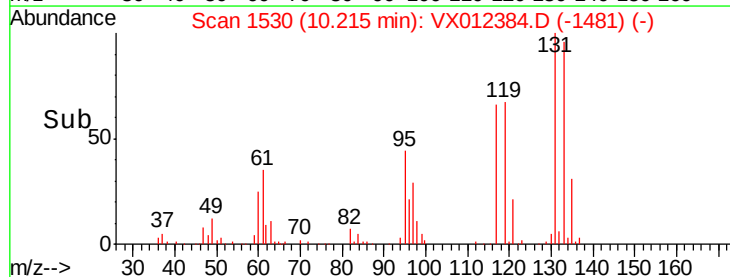
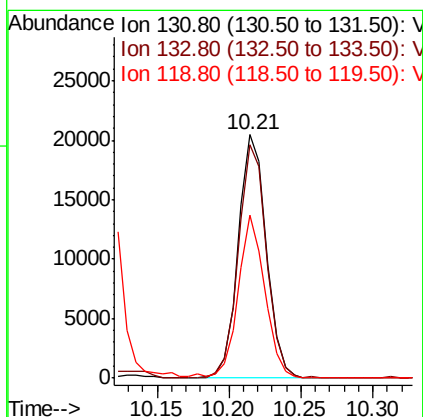
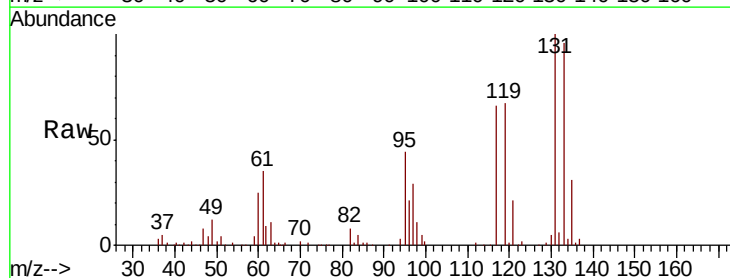
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

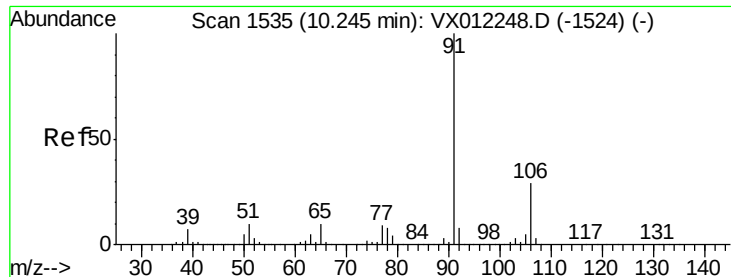
Tgt Ion:112 Resp: 75950
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.646 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion:131 Resp: 27725
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 64.1 31.6 95.0





#67

Ethyl Benzene

Concen: 19.203 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

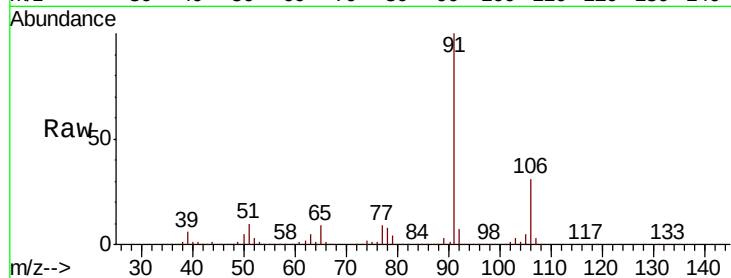
VX0913SBSD03

Tgt Ion: 91 Resp: 134720

Ion Ratio Lower Upper

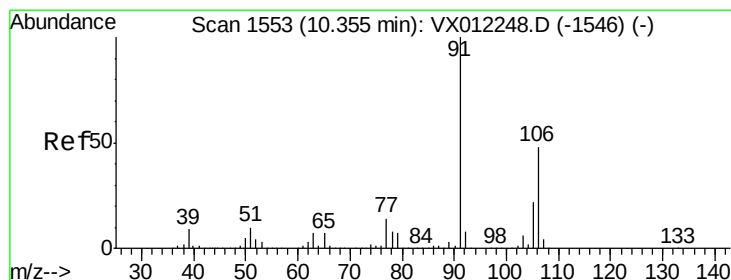
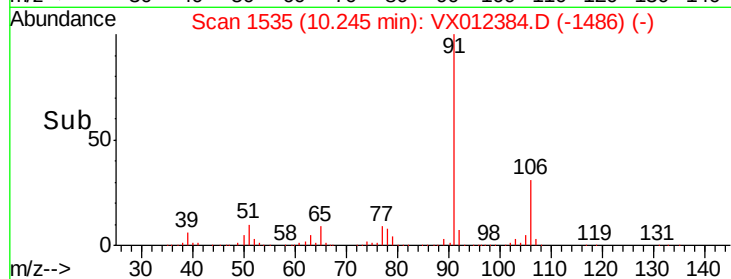
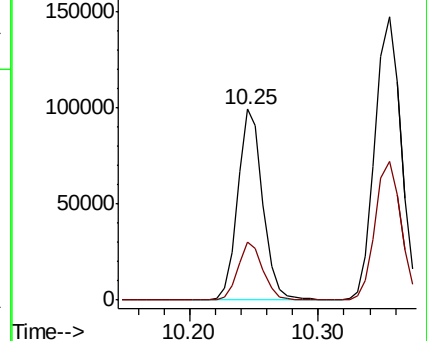
91 100

106 30.7 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.025 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012384.D

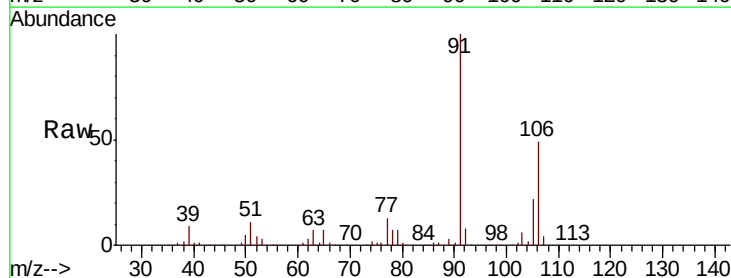
Acq: 13 Sep 2019 14:01

Tgt Ion: 106 Resp: 100780

Ion Ratio Lower Upper

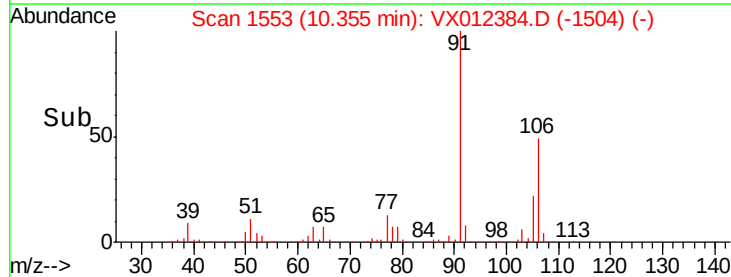
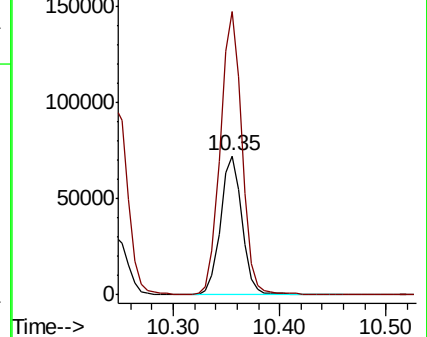
106 100

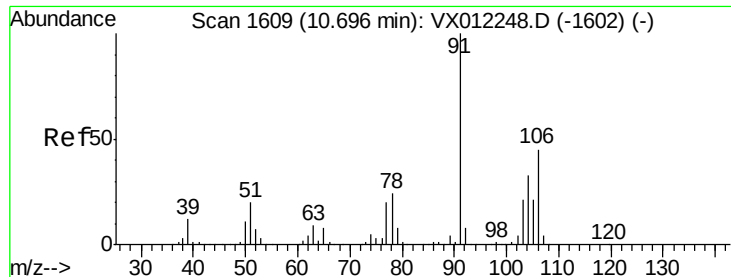
91 205.9 167.0 250.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

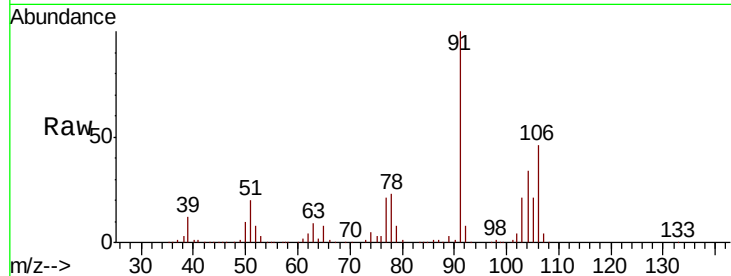




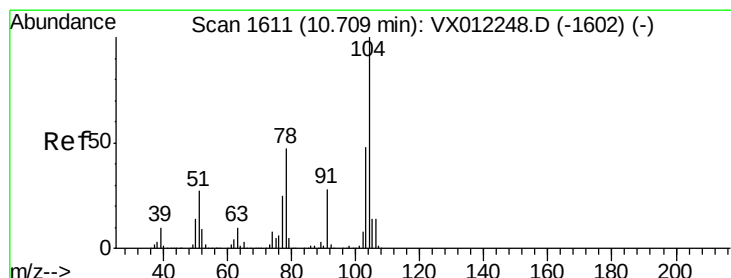
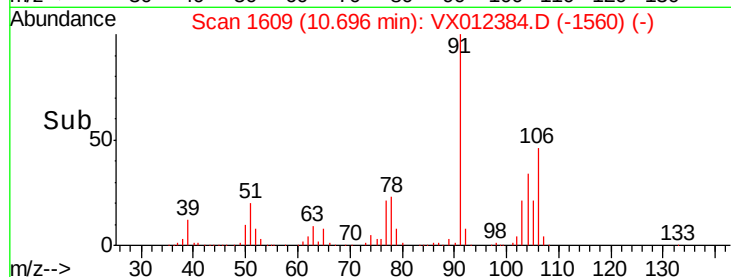
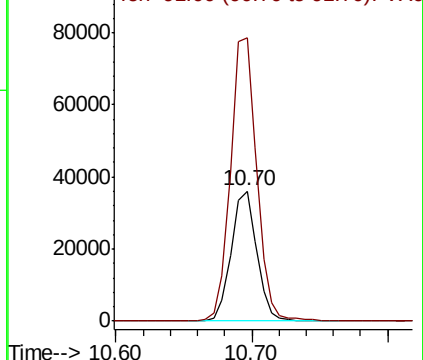
#69
o-Xylene
Concen: 18.675 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

Tgt Ion:106 Resp: 47244
Ion Ratio Lower Upper
106 100
91 223.3 110.5 331.4

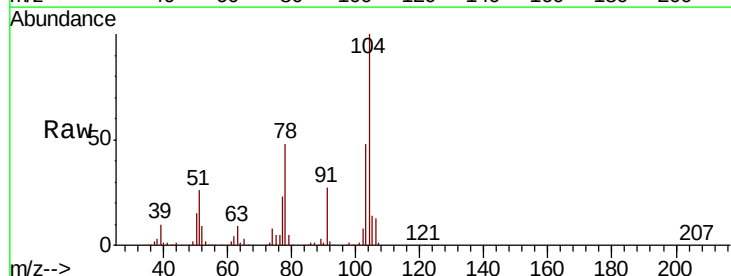


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

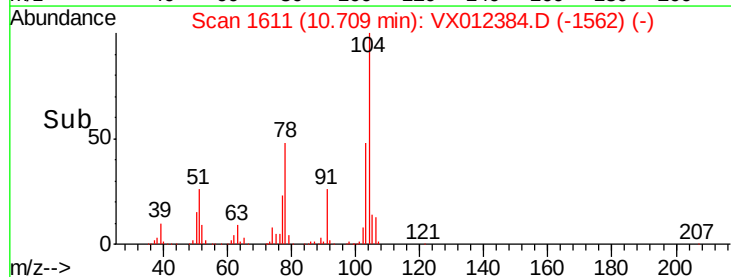
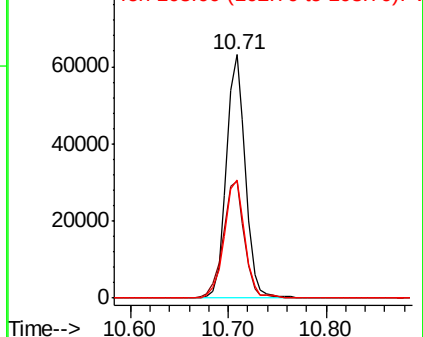


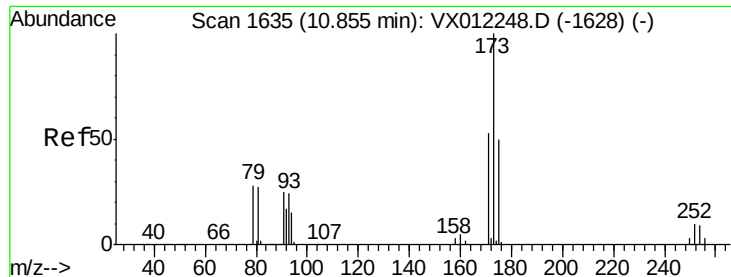
#70
Styrene
Concen: 18.940 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion:104 Resp: 84979
Ion Ratio Lower Upper
104 100
78 53.5 44.2 66.2
103 52.8 42.5 63.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.442 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBSD03

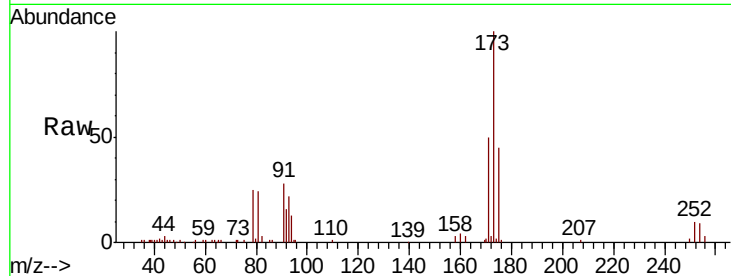
Tgt Ion:173 Resp: 14220

Ion Ratio Lower Upper

173 100

175 47.8 24.5 73.5

254 0.0 0.2 0.4#

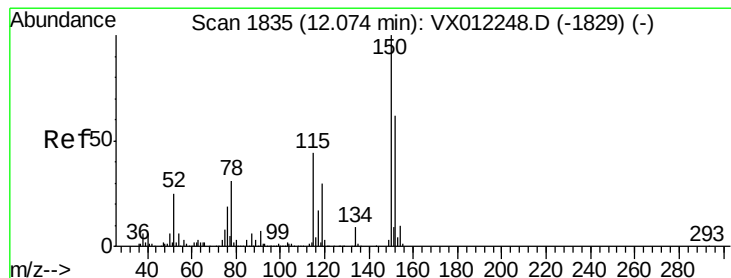
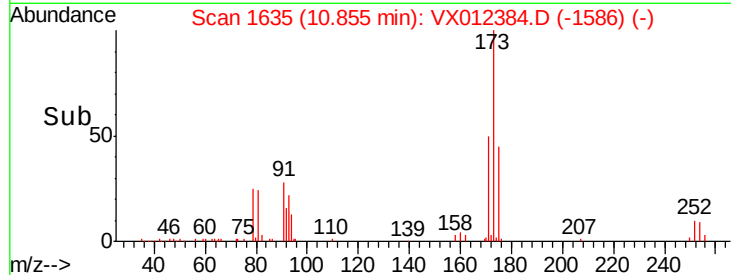
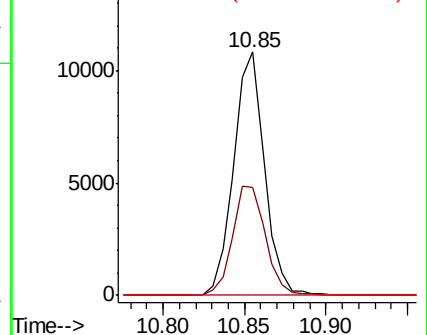


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

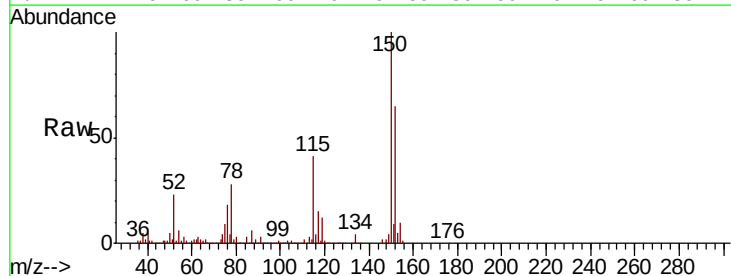
Tgt Ion:152 Resp: 111492

Ion Ratio Lower Upper

152 100

115 71.9 45.5 136.4

150 162.3 0.0 346.4

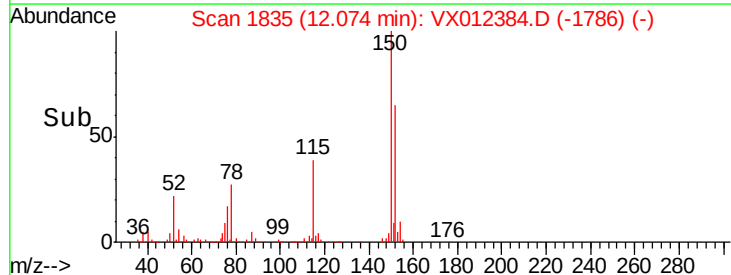
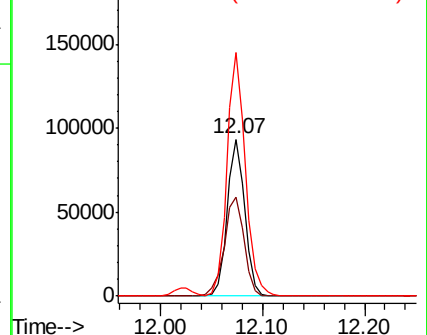


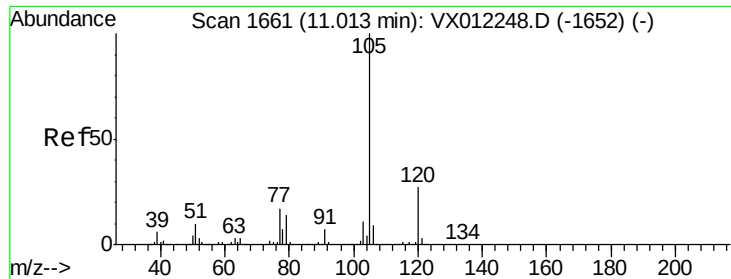
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

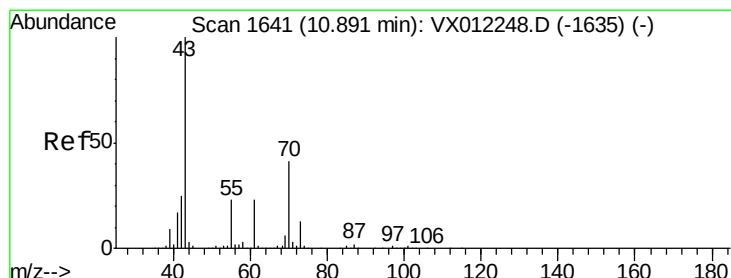
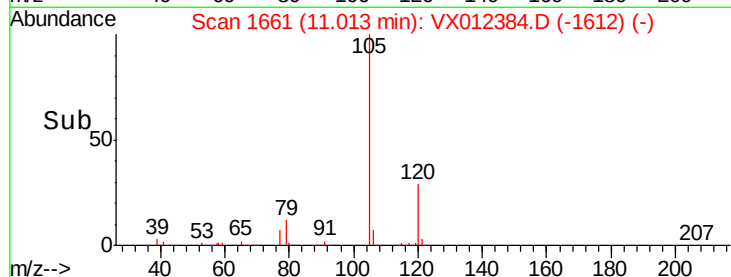
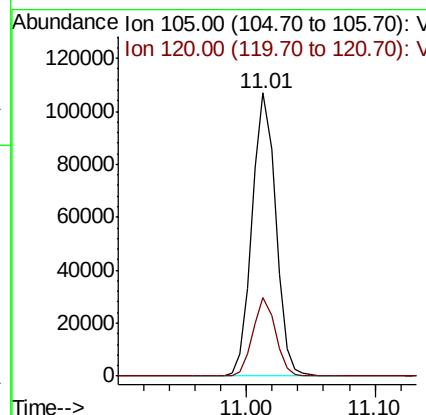
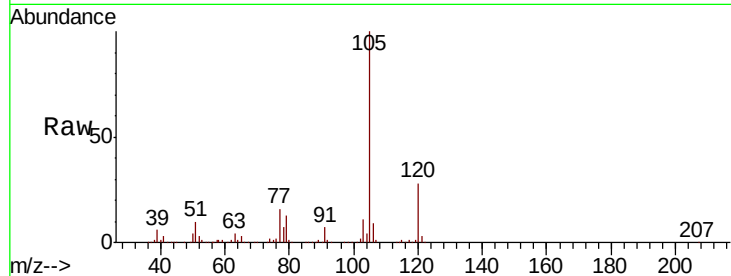




#73
Isopropylbenzene
Concen: 18.322 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

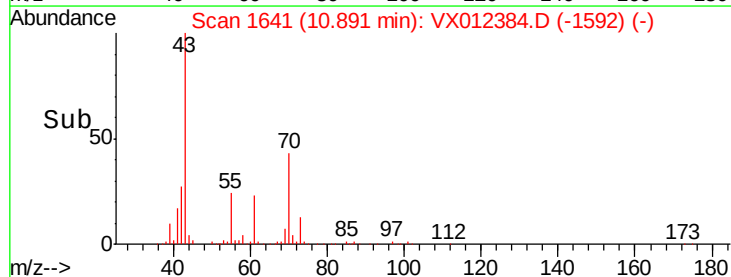
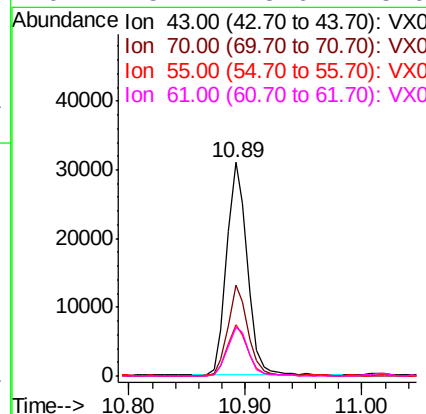
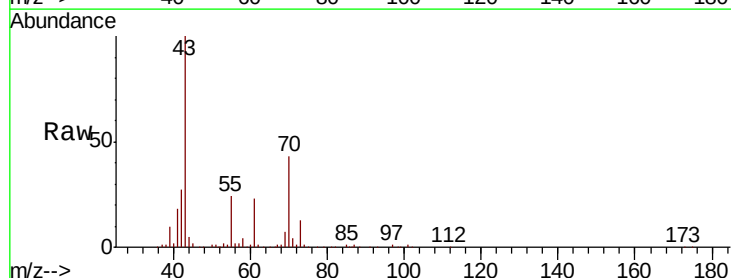
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

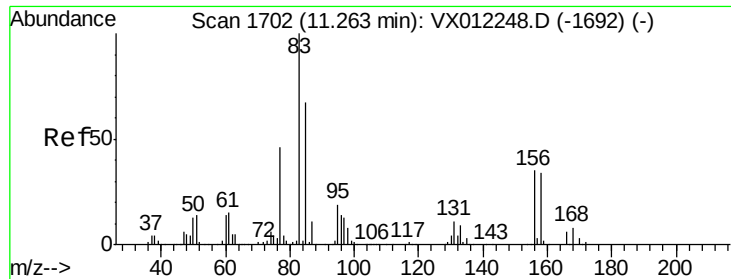
Tgt Ion: 105 Resp: 134483
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 17.342 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 43 Resp: 37846
Ion Ratio Lower Upper
43 100
70 41.6 32.9 49.3
55 24.5 19.1 28.7
61 23.7 18.6 28.0

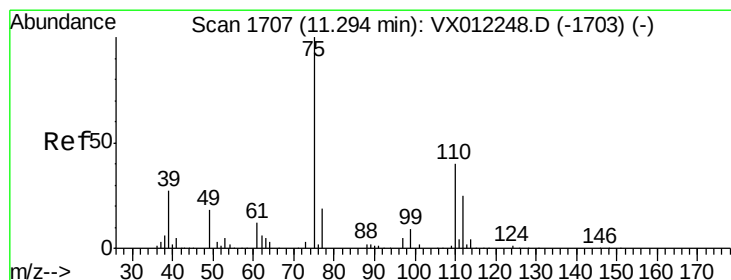
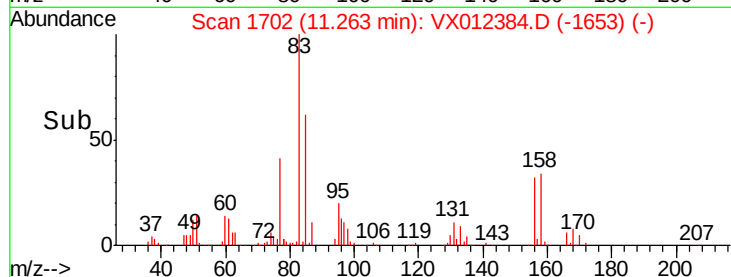
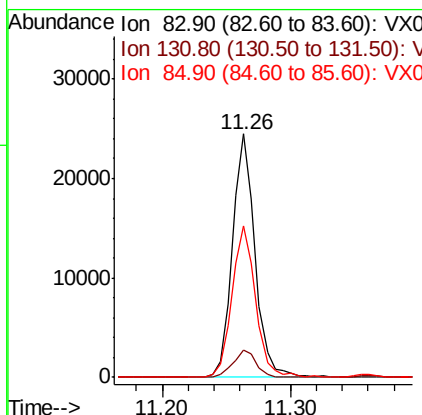
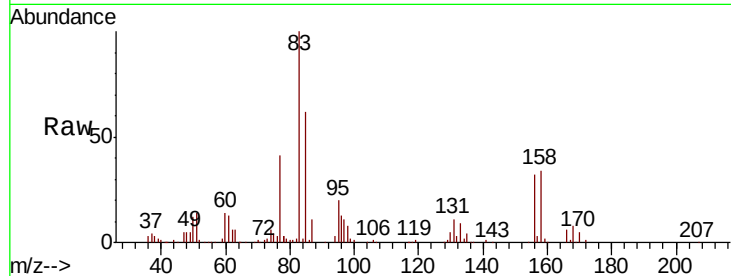




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.068 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

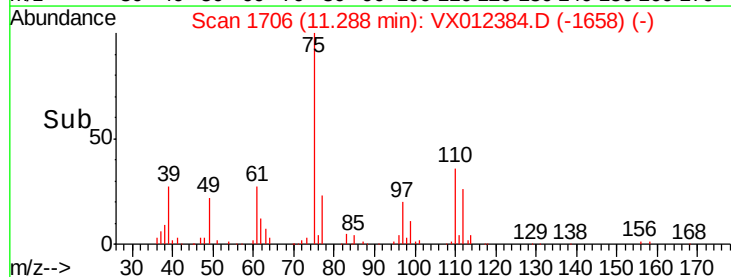
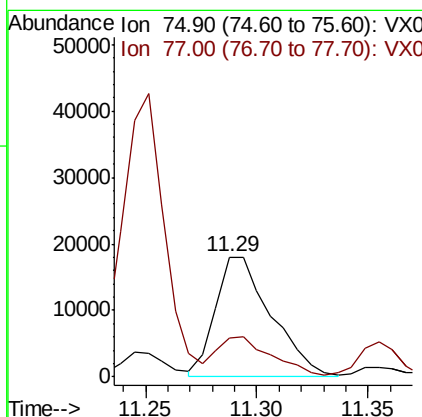
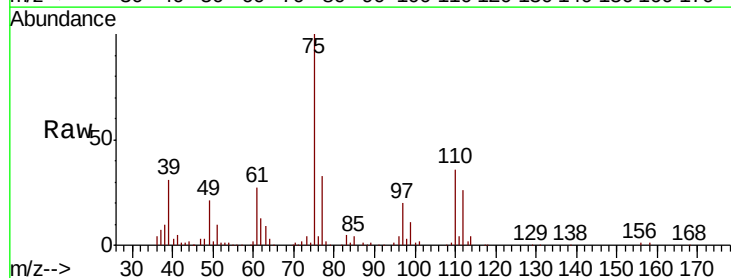
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS03

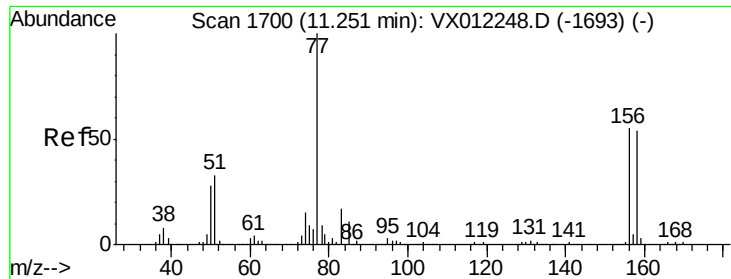
Tgt Ion: 83 Resp: 30057
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.5 16.4
 85 65.2 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 21.758 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion: 75 Resp: 31163
 Ion Ratio Lower Upper
 75 100
 77 32.8 19.7 59.0





#77

Bromobenzene

Concen: 18.965 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0913SBS03

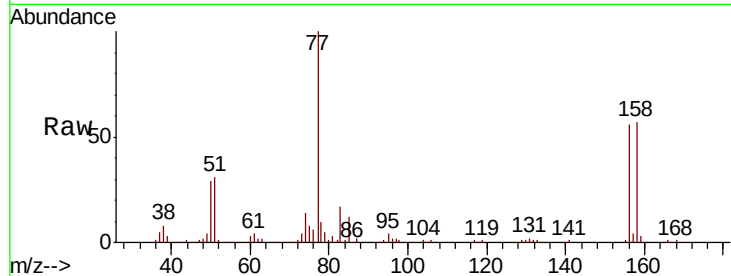
Tgt Ion:156 Resp: 32048

Ion Ratio Lower Upper

156 100

77 175.1 92.2 276.6

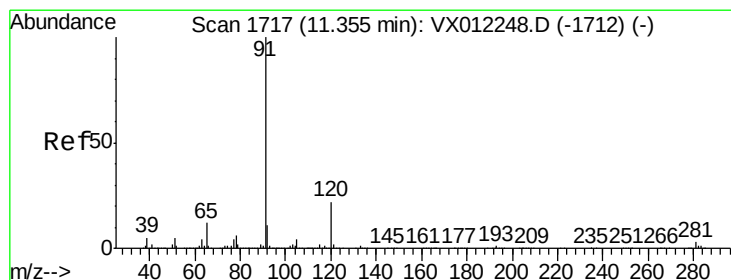
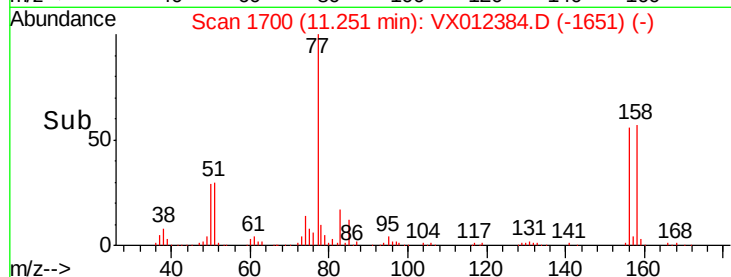
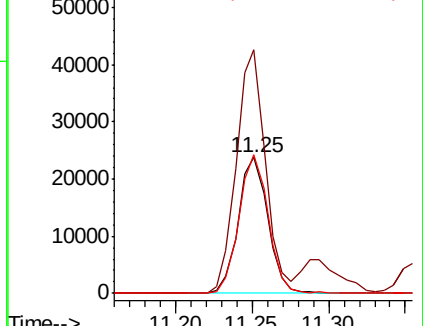
158 100.7 48.8 146.3



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: 18.147 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012384.D

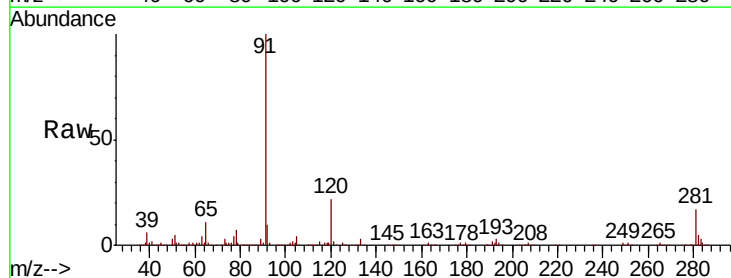
Acq: 13 Sep 2019 14:01

Tgt Ion: 91 Resp: 160851

Ion Ratio Lower Upper

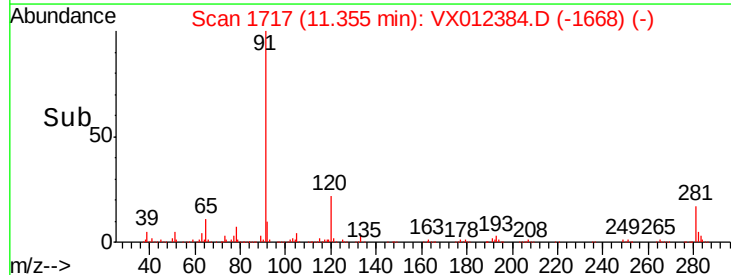
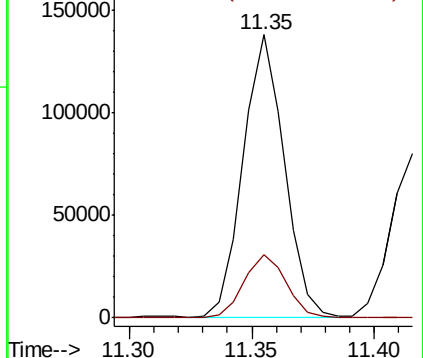
91 100

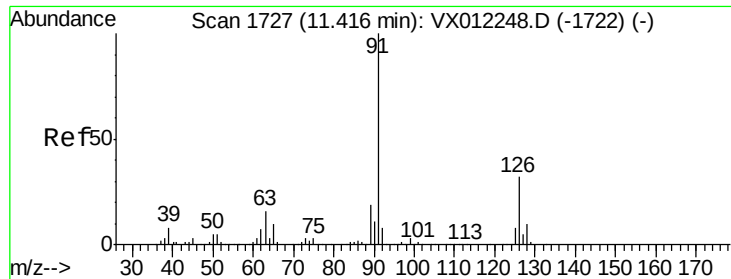
120 23.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.221 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

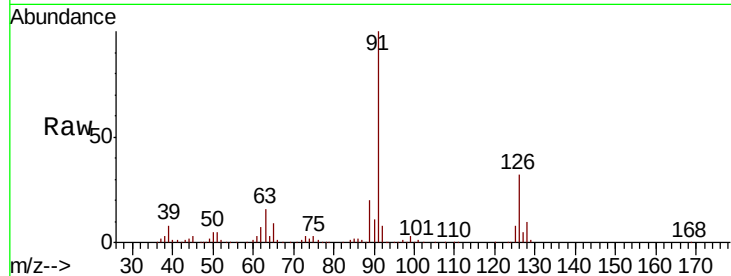
VX0913SBSD03

Tgt Ion: 91 Resp: 100059

Ion Ratio Lower Upper

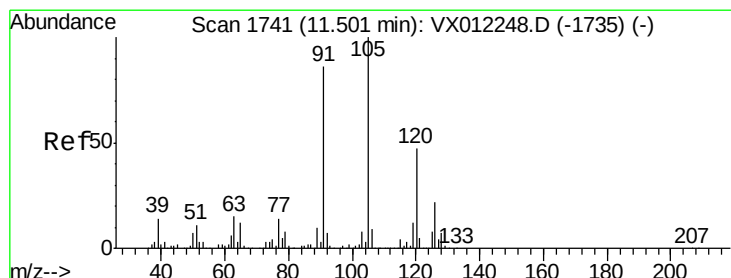
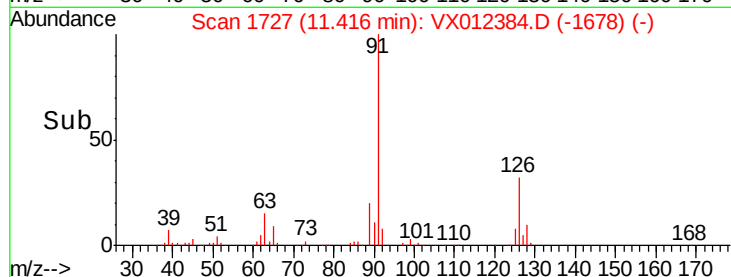
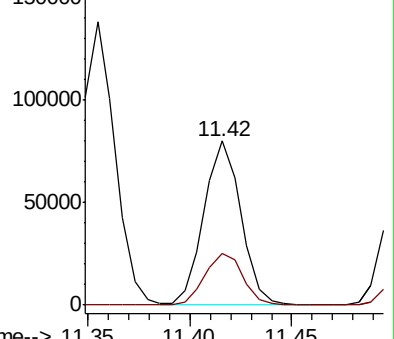
91 100

126 32.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.242 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012384.D

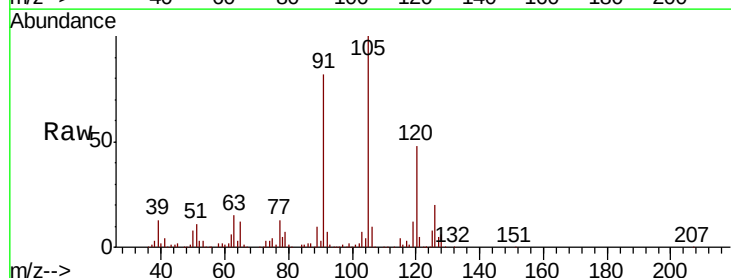
Acq: 13 Sep 2019 14:01

Tgt Ion: 105 Resp: 120409

Ion Ratio Lower Upper

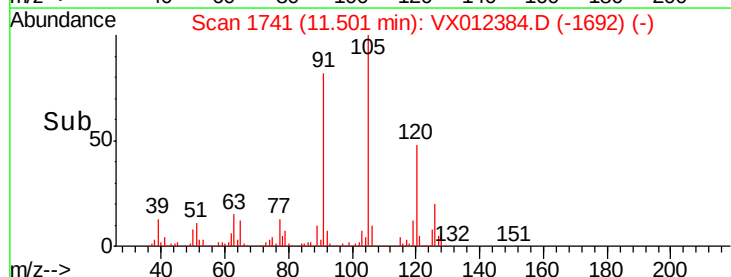
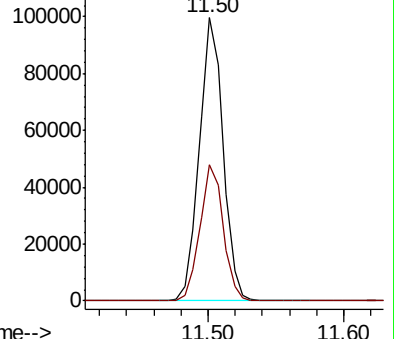
105 100

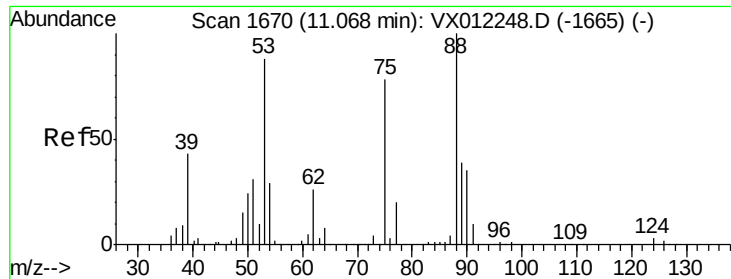
120 47.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

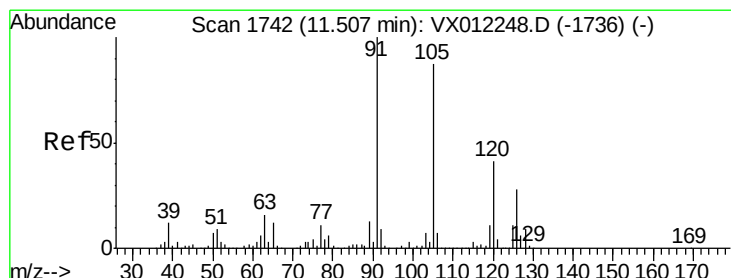
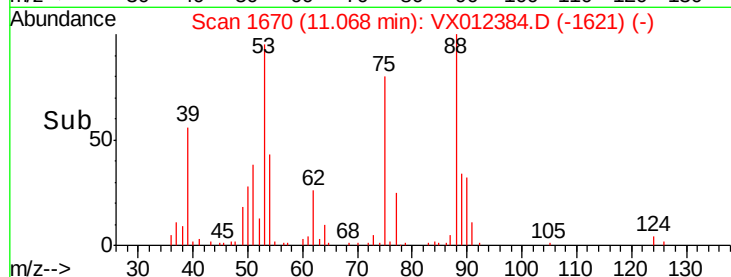
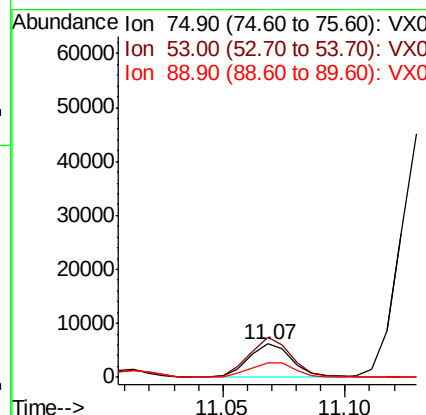
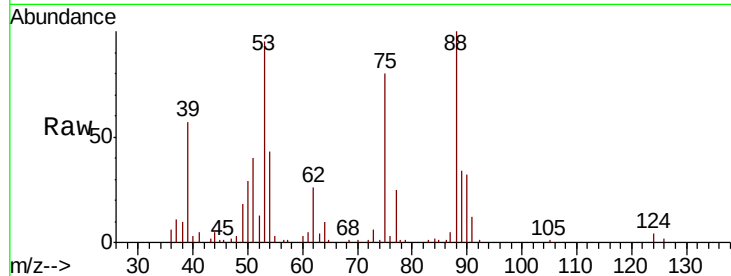




#81
trans-1,4-Dichloro-2-butene
Concen: 15.742 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

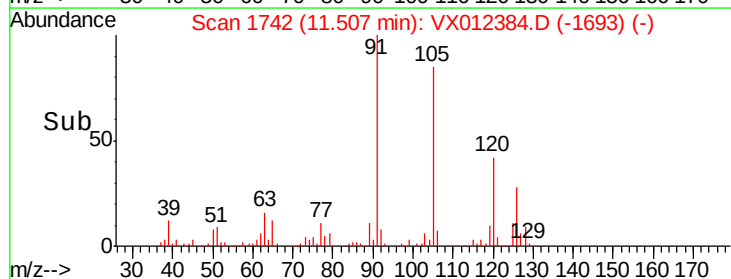
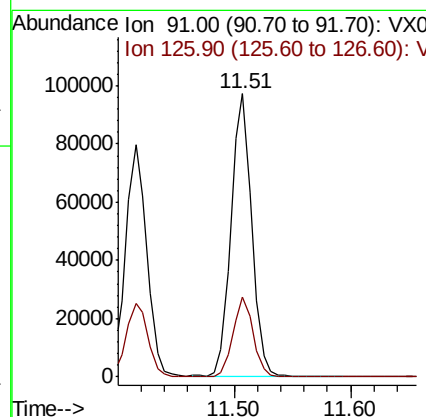
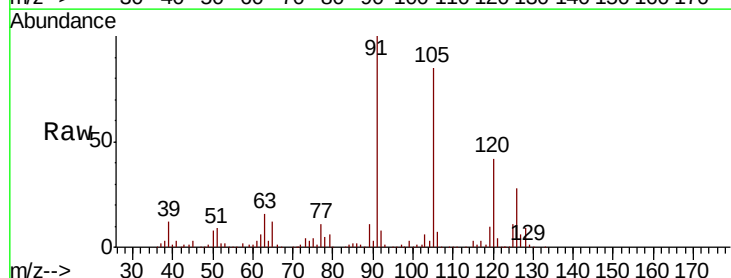
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS03

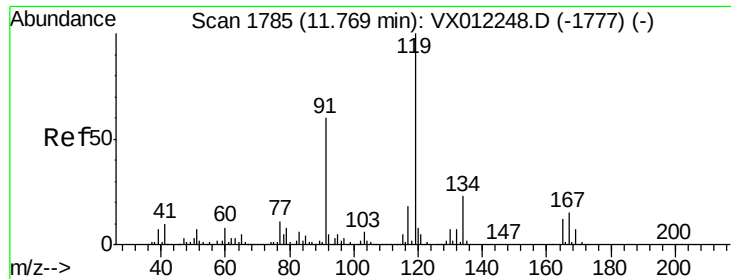
Tgt Ion: 75 Resp: 7525
Ion Ratio Lower Upper
75 100
53 120.3 88.1 132.1
89 49.0 43.5 65.3



#82
4-Chlorotoluene
Concen: 18.121 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 91 Resp: 119590
Ion Ratio Lower Upper
91 100
126 27.8 14.0 42.0

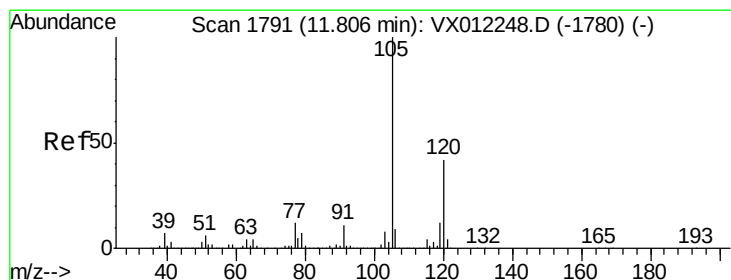
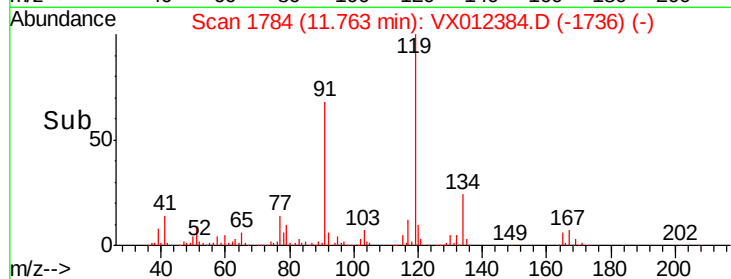
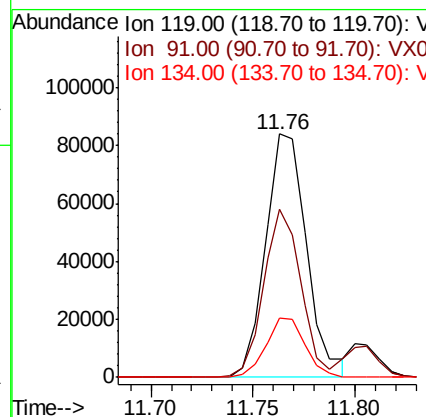
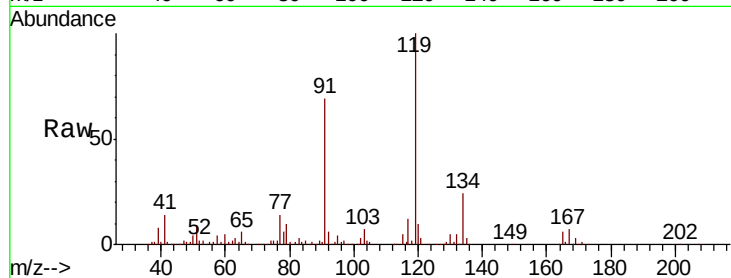




#83
 tert-Butylbenzene
 Concen: 18.449 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

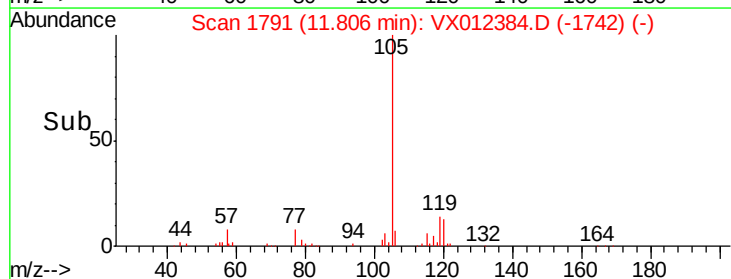
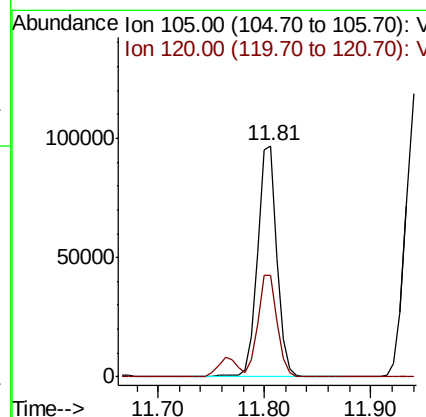
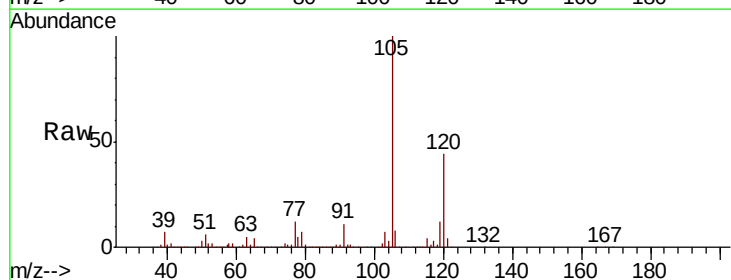
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS03

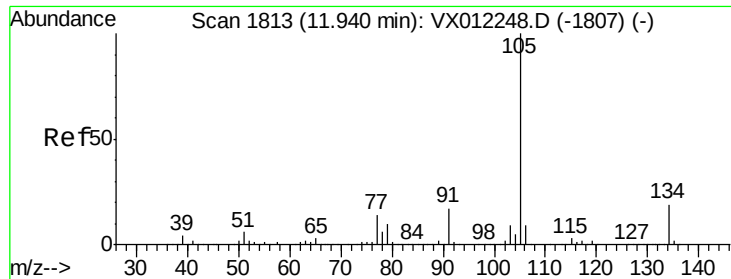
Tgt Ion:119 Resp: 118246
 Ion Ratio Lower Upper
 119 100
 91 62.2 30.9 92.8
 134 23.3 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.097 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion:105 Resp: 123487
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.3 63.9





#85

sec-Butylbenzene

Concen: 18.317 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

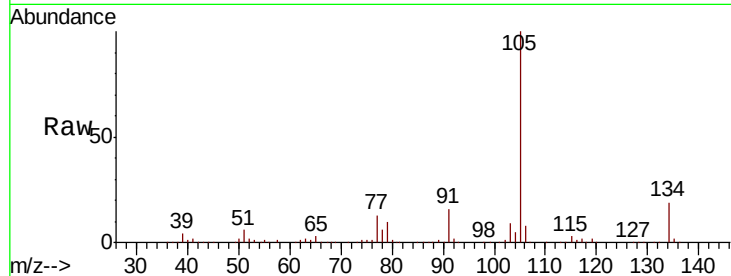
VX0913SBSD03

Tgt Ion:105 Resp: 140075

Ion Ratio Lower Upper

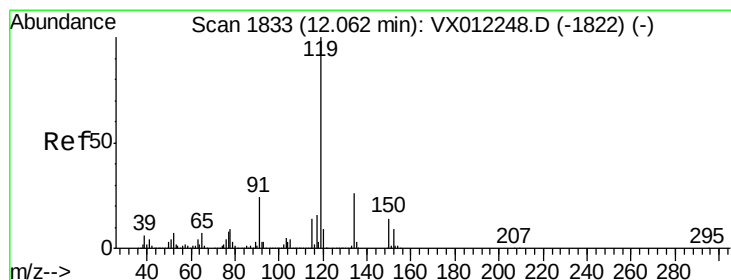
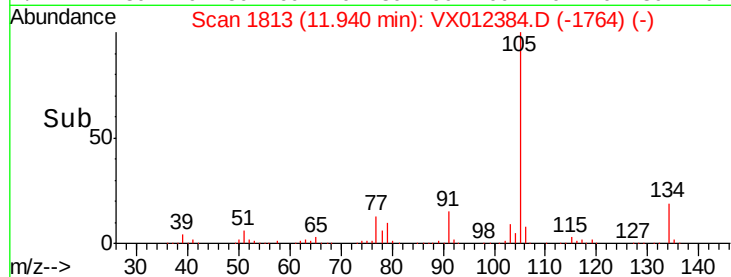
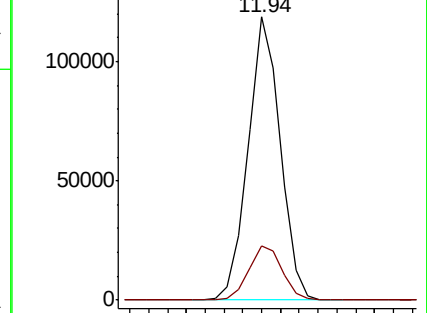
105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.138 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012384.D

Acq: 13 Sep 2019 14:01

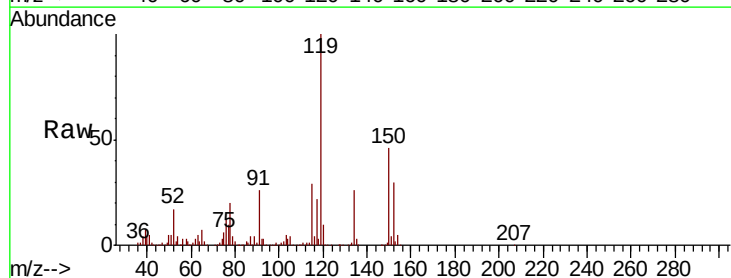
Tgt Ion:119 Resp: 128161

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

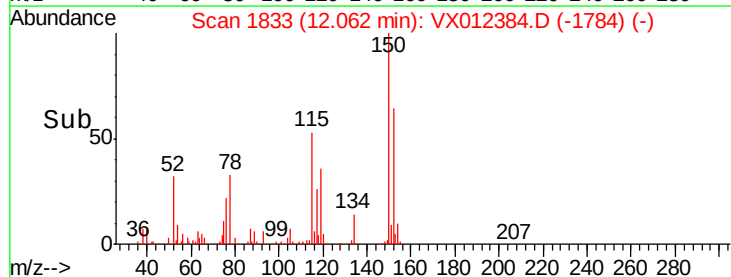
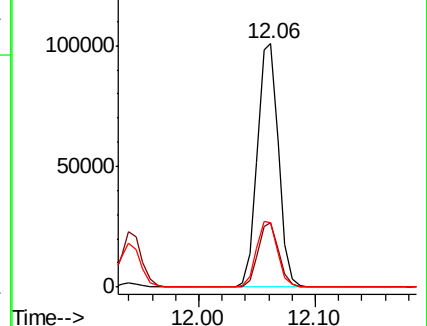
91 27.2 13.1 39.1

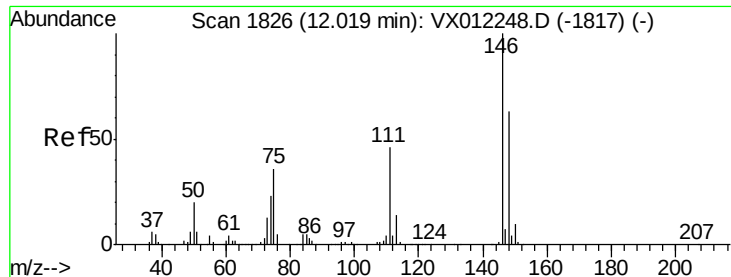


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

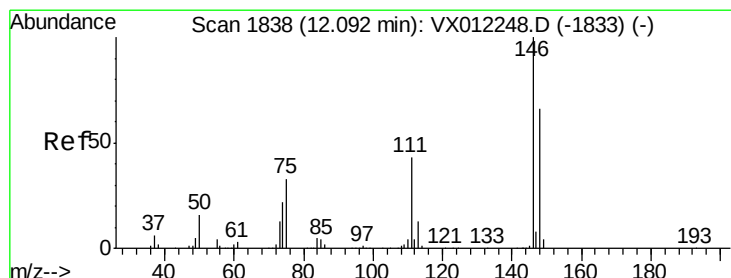
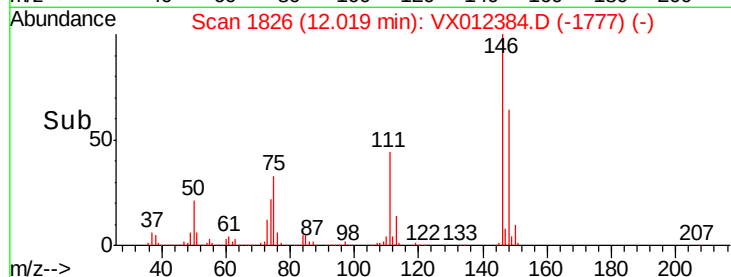
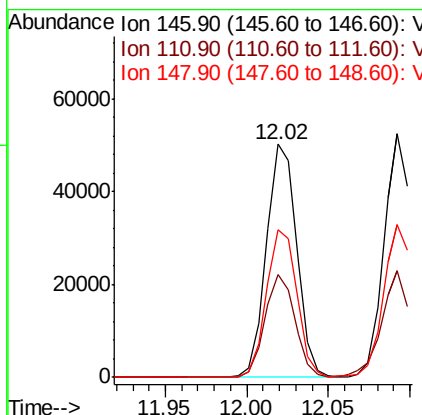
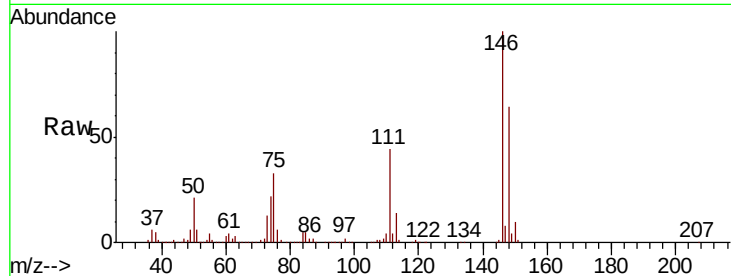




#87
 1,3-Dichlorobenzene
 Concen: 18.798 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

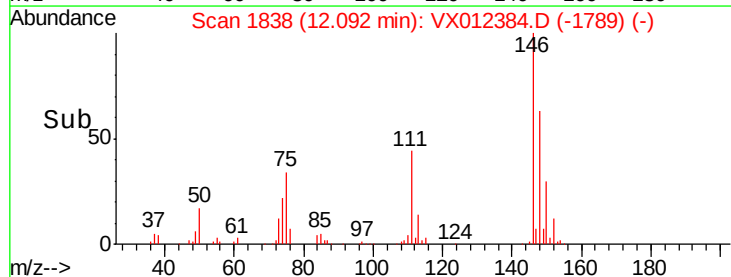
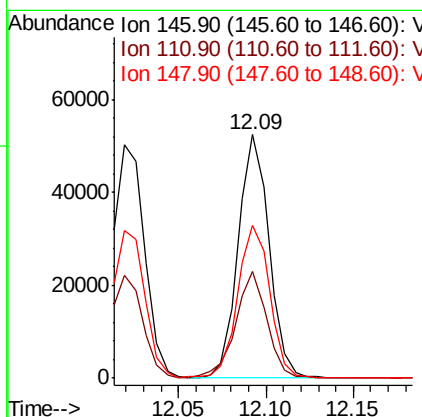
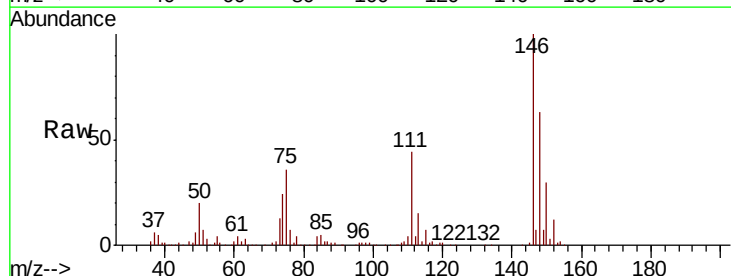
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS03

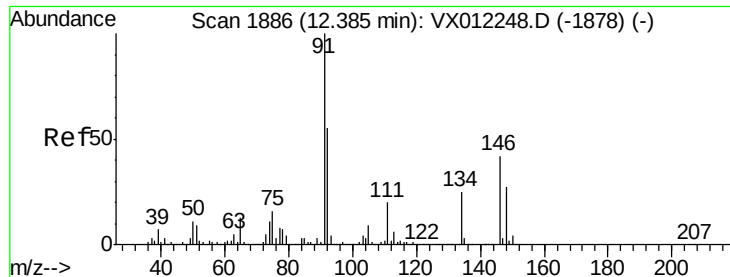
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.3	66.8
148	64.2	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 18.400 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.6	64.8
148	65.6	32.4	97.2

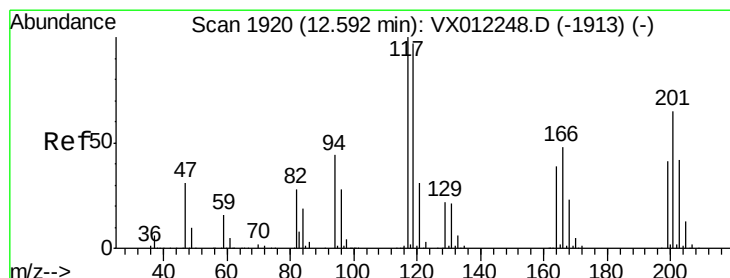
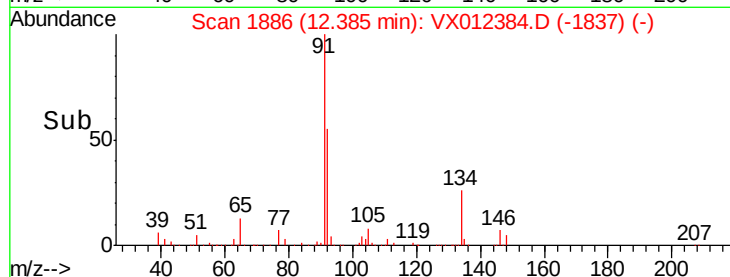
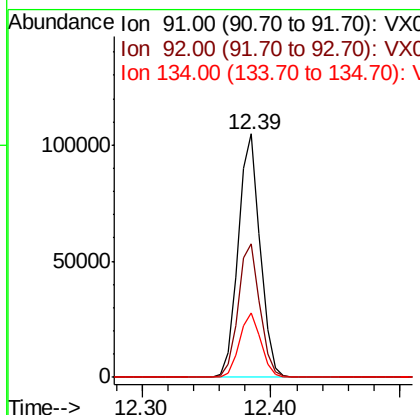
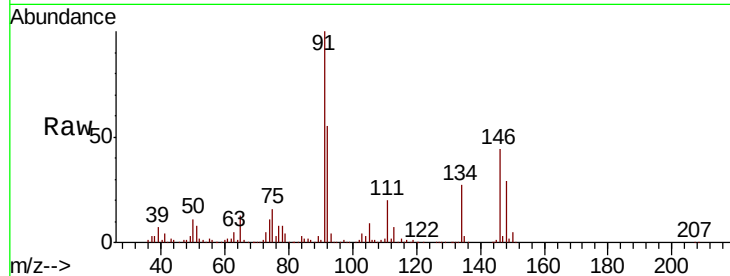




#89
n-Butylbenzene
Concen: 17.920 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

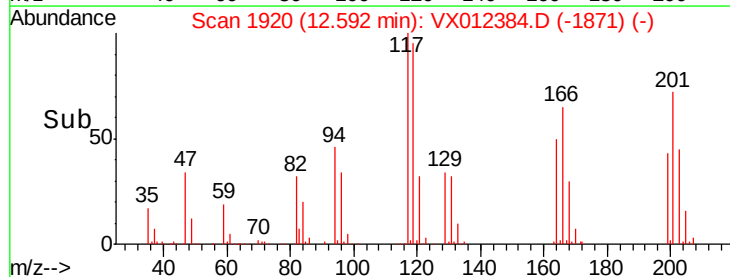
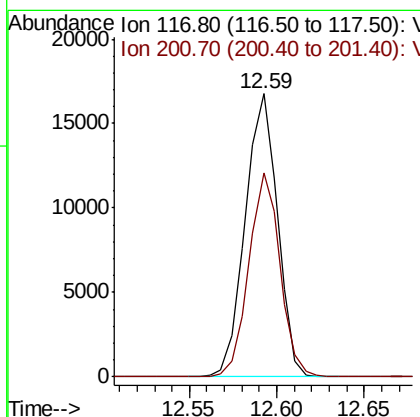
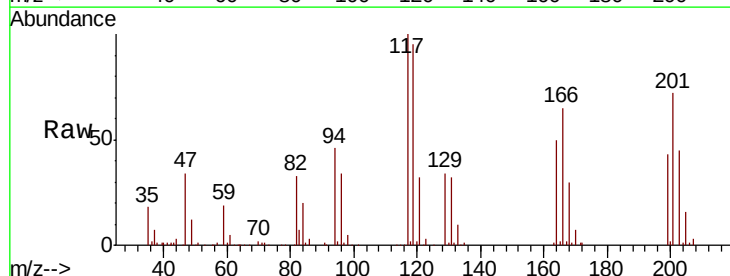
Instrument :
MSVOA_X
ClientSampleId :
VX0913SBSD03

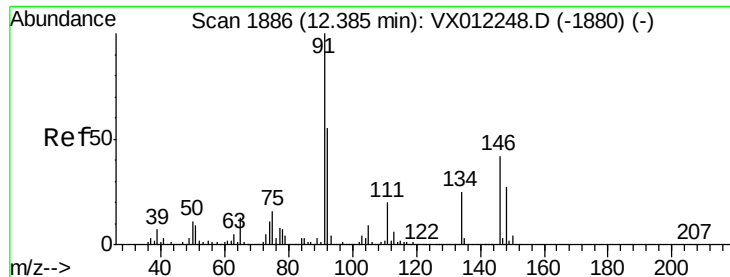
Tgt Ion: 91 Resp: 124111
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.7
134 26.0 12.5 37.5



#90
Hexachloroethane
Concen: 16.644 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion: 117 Resp: 21662
Ion Ratio Lower Upper
117 100
201 69.4 32.2 96.6

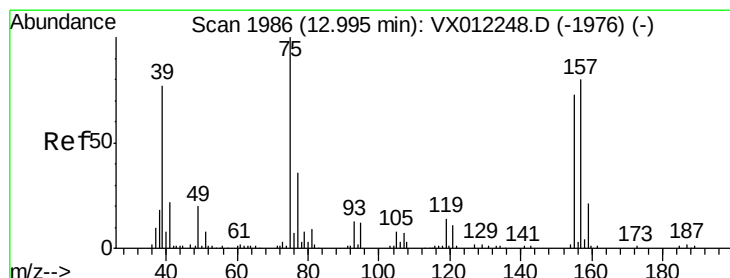
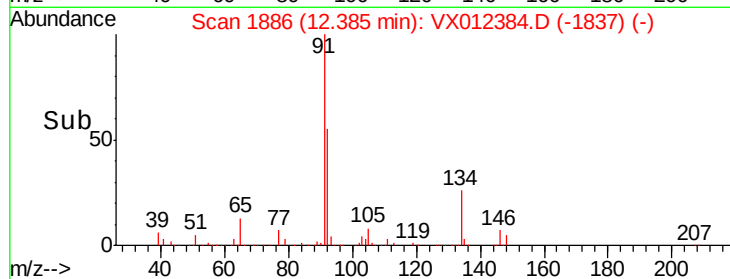
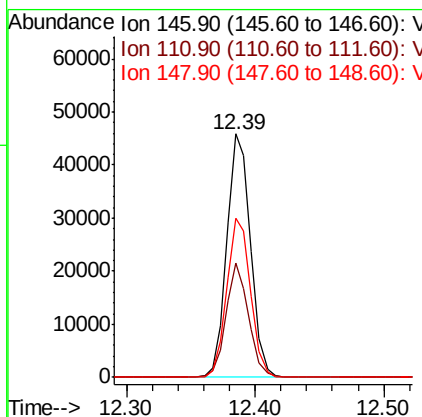
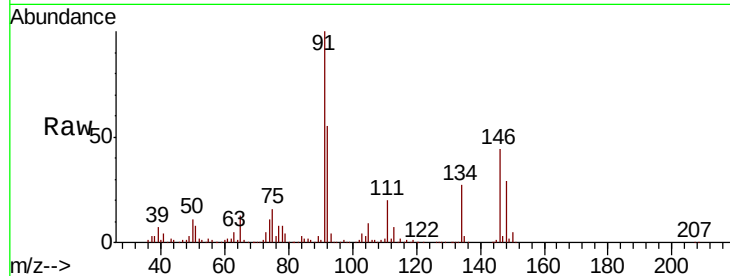




#91
 1,2-Dichlorobenzene
 Concen: 18.668 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

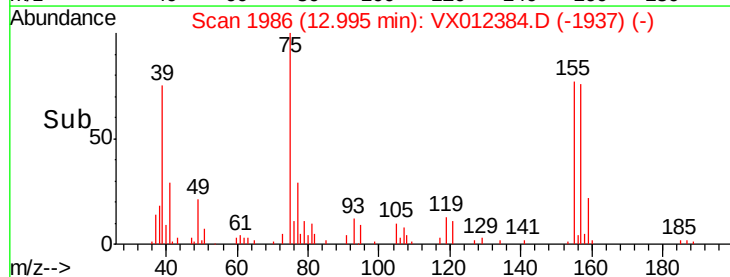
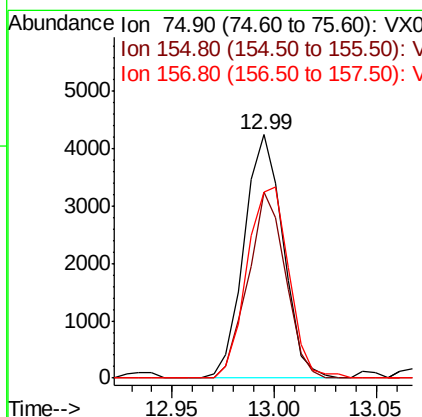
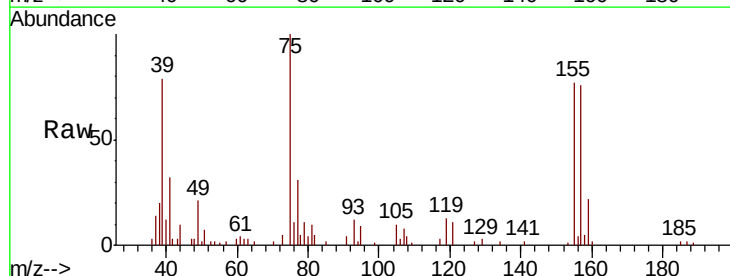
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBS03

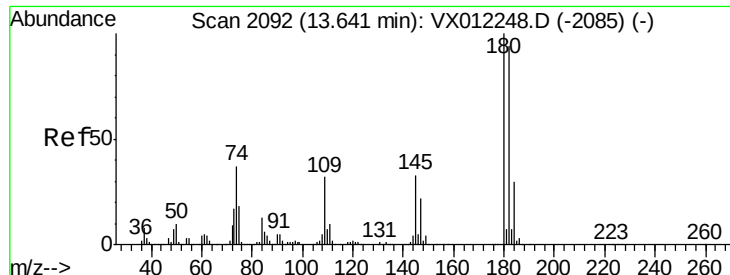
Tgt Ion: 146 Resp: 59446
 Ion Ratio Lower Upper
 146 100
 111 44.5 23.2 69.6
 148 65.4 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.541 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion: 75 Resp: 5644
 Ion Ratio Lower Upper
 75 100
 155 73.4 35.3 105.7
 157 84.4 43.2 129.6

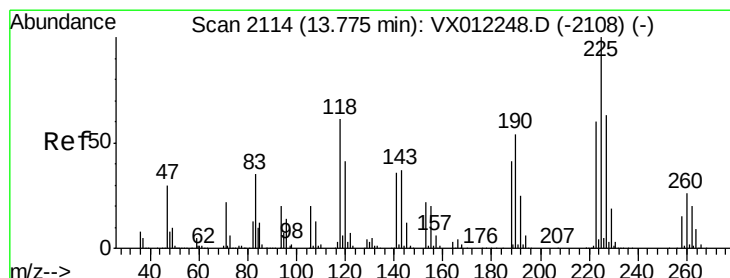
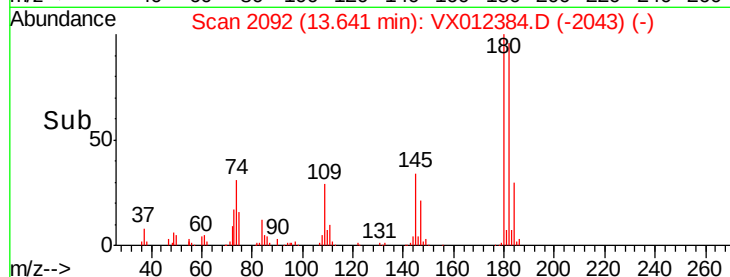
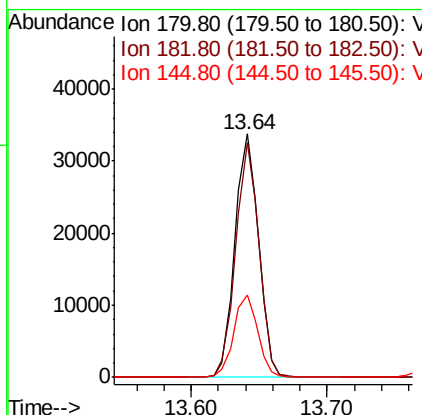
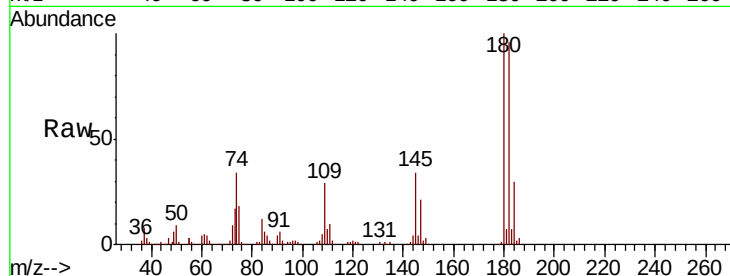




#93
 1,2,4-Trichlorobenzene
 Concen: 18.592 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

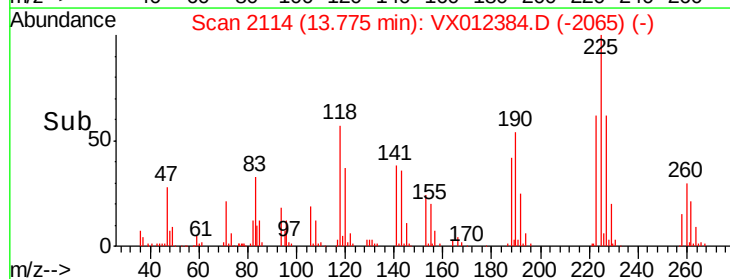
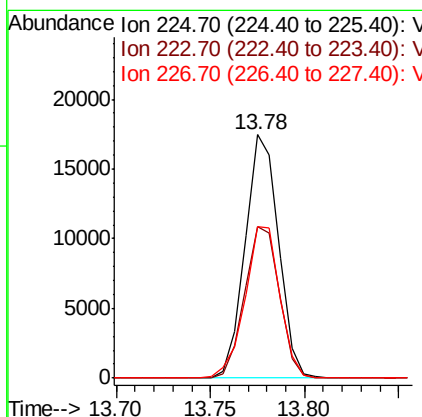
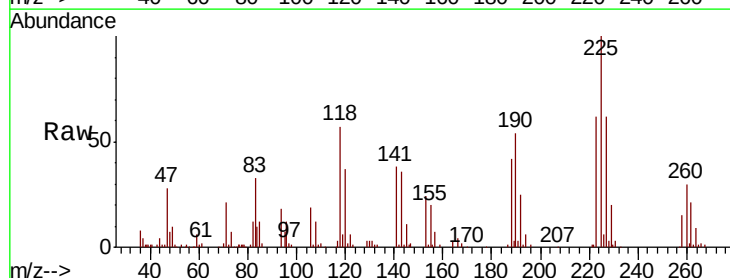
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913SBSD03

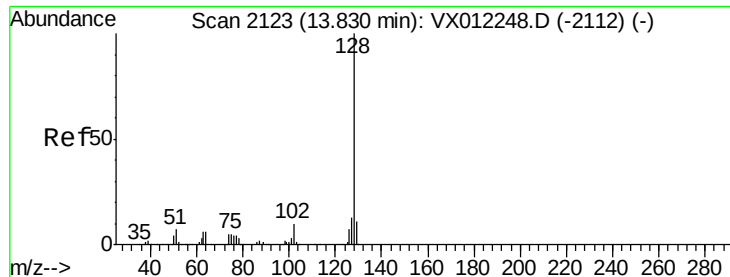
Tgt Ion:180 Resp: 40886
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.9 140.8
 145 34.7 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 19.656 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012384.D
 Acq: 13 Sep 2019 14:01

Tgt Ion:225 Resp: 21504
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.1 96.5
 227 65.0 32.5 97.5

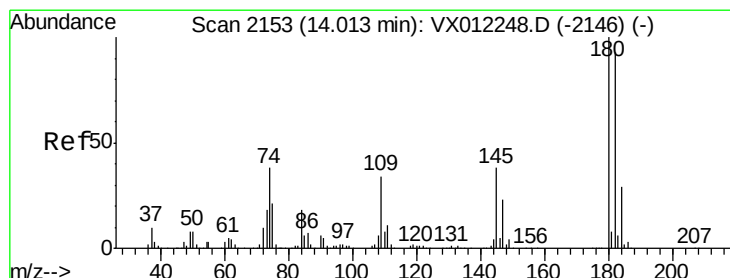
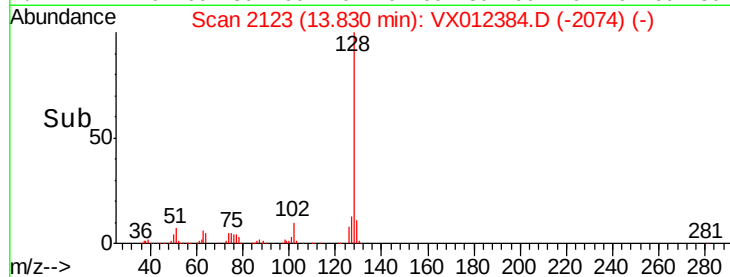
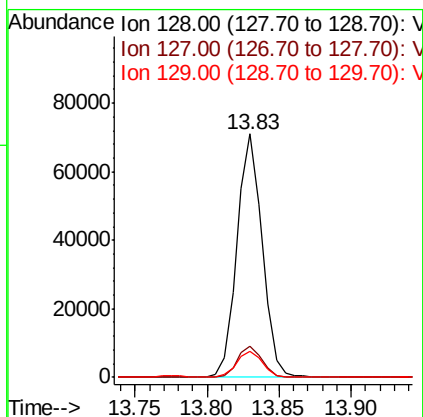
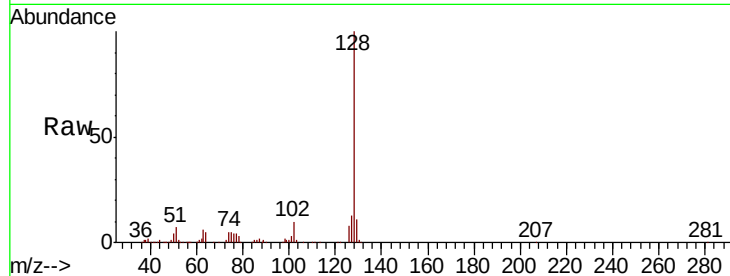




#95
Naphthalene
Concen: 18.407 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0913SBS03

Tgt Ion:128 Resp: 86870
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.713 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012384.D
Acq: 13 Sep 2019 14:01

Tgt Ion:180 Resp: 38357
Ion Ratio Lower Upper
180 100
182 92.8 47.0 141.0
145 36.2 18.6 55.8

