

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012297.D
 Acq On : 11 Sep 2019 12:49
 Operator : SY/SP
 Sample : VX0911SBSD01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

Quant Time: Sep 12 05:37:33 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	104370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	182149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	166244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	84953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	82595	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	5.48	113	61884	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	8.71	98	240863	58.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.62%	
62) 4-Bromofluorobenzene	11.14	95	101952	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20402	23.909	ug/l	96
3) Chloromethane	1.31	50	18295	23.785	ug/l	93
4) Vinyl Chloride	1.40	62	17965	23.556	ug/l	96
5) Bromomethane	1.62	94	8480	25.130	ug/l	100
6) Chloroethane	1.70	64	10930	21.432	ug/l	98
7) Trichlorofluoromethane	1.91	101	31842	23.070	ug/l	98
8) Diethyl Ether	2.17	74	10962	23.275	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22989	24.713	ug/l	98
10) Methyl Iodide	2.50	142	13559	15.314	ug/l	100
11) Tert butyl alcohol	3.03	59	31309	197.897	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	18649	23.613	ug/l	95
13) Acrolein	2.28	56	9745	126.336	ug/l	98
14) Allyl chloride	2.71	41	34669	21.532	ug/l	98
15) Acrylonitrile	3.13	53	38609	132.612	ug/l	98
16) Acetone	2.43	43	44147	126.382	ug/l	96
17) Carbon Disulfide	2.55	76	36384	21.939	ug/l	98
18) Methyl Acetate	2.76	43	19295	26.280	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	70551	22.621	ug/l	99
20) Methylene Chloride	2.84	84	24941	21.377	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	21374	22.684	ug/l	94
22) Diisopropyl ether	3.84	45	77550	21.060	ug/l	94
23) Vinyl Acetate	3.80	43	262929	116.377	ug/l	99
24) 1,1-Dichloroethane	3.68	63	43726	22.168	ug/l	99
25) 2-Butanone	4.65	43	59010	132.147	ug/l	95
26) 2,2-Dichloropropane	4.57	77	39941	21.568	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	26649	21.907	ug/l	99
28) Bromochloromethane	5.00	49	19460	21.036	ug/l #	99
29) Tetrahydrofuran	5.12	42	32618	135.382	ug/l	99
30) Chloroform	5.20	83	48468	21.791	ug/l	96
31) Cyclohexane	5.56	56	31594	23.059	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	41748	21.859	ug/l	99
36) 1,1-Dichloropropene	5.78	75	29711	22.370	ug/l	93
37) Ethyl Acetate	4.82	43	21883	26.653	ug/l	100
38) Carbon Tetrachloride	5.77	117	34746	22.298	ug/l	96

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 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

Quant Time: Sep 12 05:37:33 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	34272	23.513	ug/l	98
40) Benzene	6.13	78	89524	22.271	ug/l	98
41) Methacrylonitrile	5.03	41	12753	25.196	ug/l	97
42) 1,2-Dichloroethane	6.18	62	36992	23.284	ug/l	99
43) Isopropyl Acetate	6.43	43	42615	24.619	ug/l	99
44) Trichloroethene	7.20	130	25171	23.138	ug/l	96
45) 1,2-Dichloropropane	7.51	63	24825	22.311	ug/l	94
46) Dibromomethane	7.65	93	14059	23.119	ug/l	98
47) Bromodichloromethane	7.89	83	34447	20.757	ug/l	92
48) Methyl methacrylate	7.76	41	20461	24.695	ug/l	99
49) 1,4-Dioxane	7.74	88	5907	528.343	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	120827	132.258	ug/l	99
52) Toluene	8.78	92	59500	22.409	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34854	21.042	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	39262	21.376	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	22544	23.929	ug/l	99
56) Ethyl methacrylate	9.17	69	29832	23.386	ug/l	98
57) 1,3-Dichloropropane	9.37	76	37529	23.323	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	78905	120.688	ug/l	100
59) 2-Hexanone	9.48	43	86679	136.457	ug/l	98
60) Dibromochloromethane	9.57	129	23347	21.227	ug/l	97
61) 1,2-Dibromoethane	9.67	107	20893	23.824	ug/l	99
64) Tetrachloroethene	9.33	164	19921	22.658	ug/l	97
65) Chlorobenzene	10.14	112	68269	22.475	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	23630	20.636	ug/l	97
67) Ethyl Benzene	10.25	91	120774	22.355	ug/l	98
68) m/p-Xylenes	10.35	106	91269	45.893	ug/l	98
69) o-Xylene	10.70	106	43890	22.528	ug/l	100
70) Styrene	10.71	104	75381	21.817	ug/l	100
71) Bromoform	10.85	173	13495	22.727	ug/l #	97
73) Isopropylbenzene	11.01	105	121526	21.729	ug/l	99
74) N-amyl acetate	10.89	43	38759	23.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	29463	24.530	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	32466	29.749	ug/l	88
77) Bromobenzene	11.25	156	28097	21.821	ug/l	98
78) n-propylbenzene	11.35	91	144119	21.339	ug/l	99
79) 2-Chlorotoluene	11.42	91	89585	21.410	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	110653	22.001	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	7452	20.459	ug/l	87
82) 4-Chlorotoluene	11.51	91	108154	21.508	ug/l	100
83) tert-Butylbenzene	11.76	119	105258	21.553	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	110844	21.319	ug/l	99
85) sec-Butylbenzene	11.94	105	124156	21.307	ug/l	99
86) p-Isopropyltoluene	12.06	119	115454	21.444	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	56991	21.727	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	59229	22.331	ug/l	98
89) n-Butylbenzene	12.39	91	116765	22.127	ug/l	98
90) Hexachloroethane	12.59	117	19352	19.514	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	52863	21.787	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6207	25.317	ug/l	96

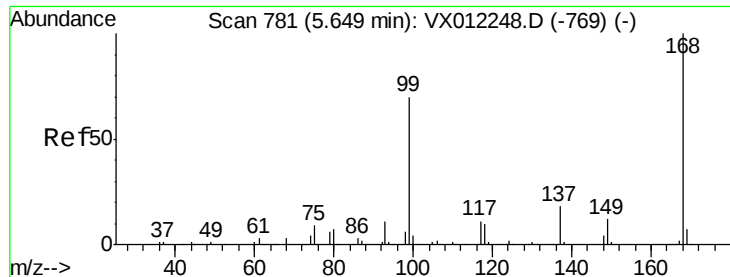
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
Data File : VX012297.D
Acq On : 11 Sep 2019 12:49
Operator : SY/SP
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

Quant Time: Sep 12 05:37:33 2019
Quant Method : Z:\V0ASRV\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	37005	22.084	ug/l	98
94) Hexachlorobutadiene	13.78	225	18787	22.537	ug/l	96
95) Naphthalene	13.83	128	84820	23.588	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	31802	21.450	ug/l	96

(#) = 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: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

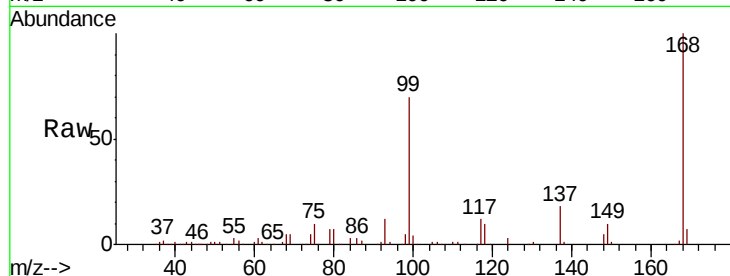
VX0911SBSD01

Tgt Ion:168 Resp: 104370

Ion Ratio Lower Upper

168 100

99 69.3 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

40000

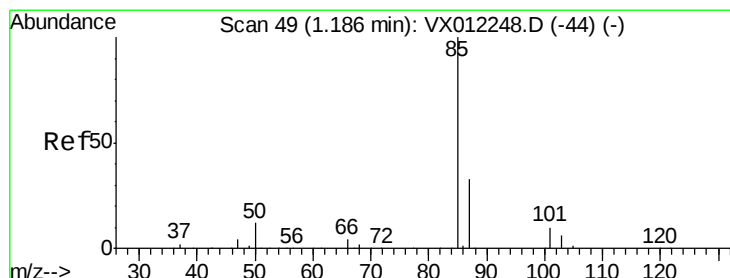
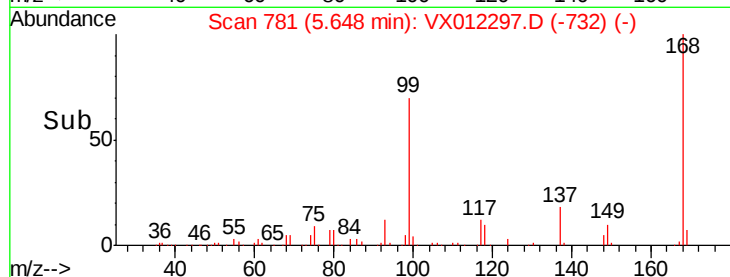
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 23.909 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012297.D

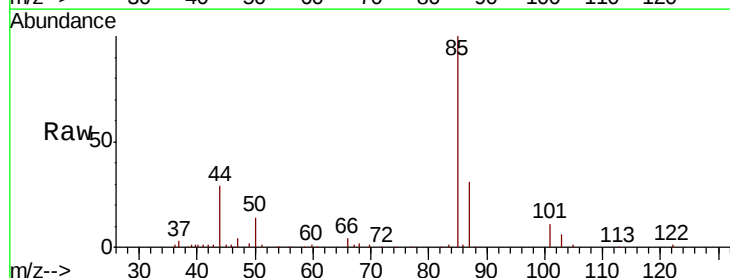
Acq: 11 Sep 2019 12:49

Tgt Ion: 85 Resp: 20402

Ion Ratio Lower Upper

85 100

87 31.1 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

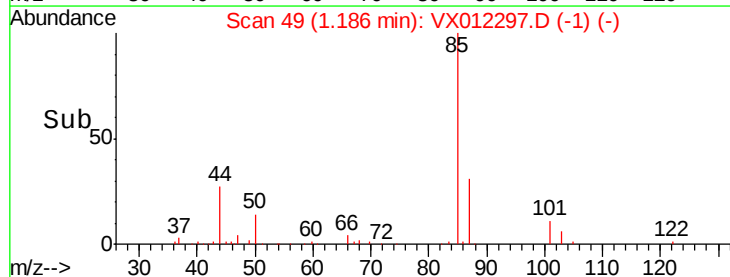
15000

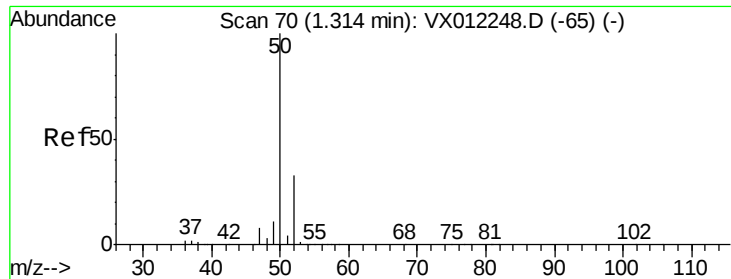
10000

5000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 23.785 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

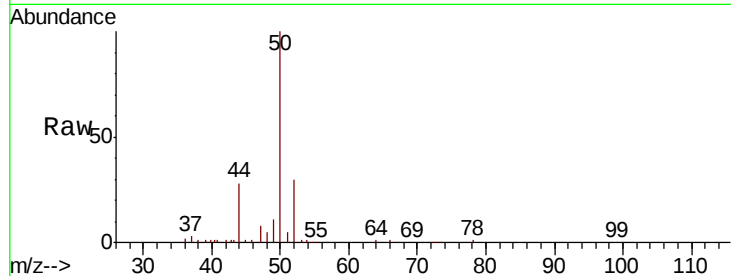
VX0911SBS01

Tgt Ion: 50 Resp: 18295

Ion Ratio Lower Upper

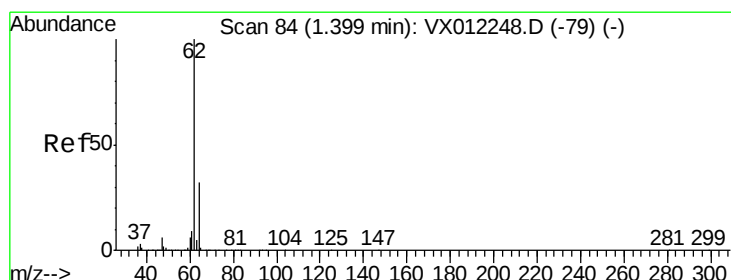
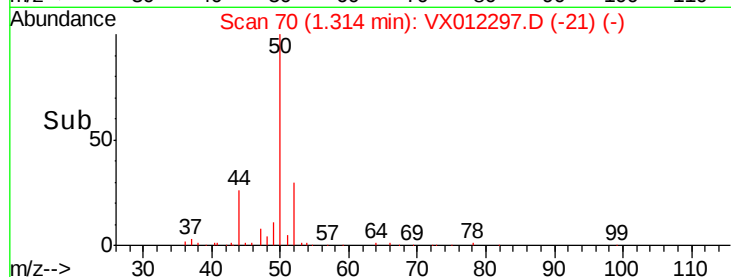
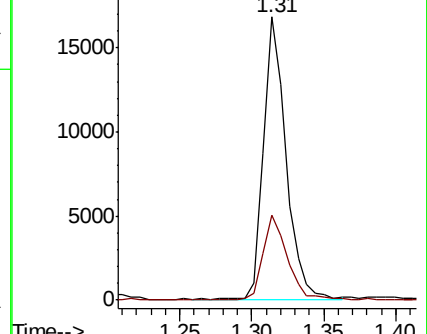
50 100

52 29.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 23.556 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012297.D

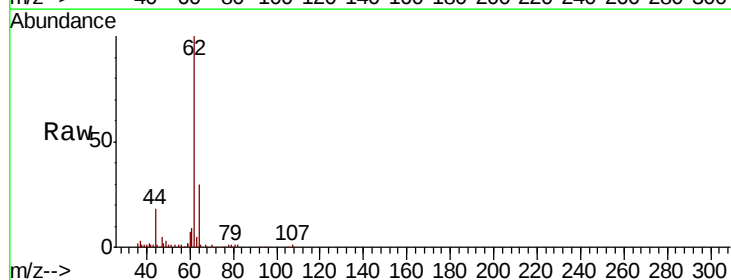
Acq: 11 Sep 2019 12:49

Tgt Ion: 62 Resp: 17965

Ion Ratio Lower Upper

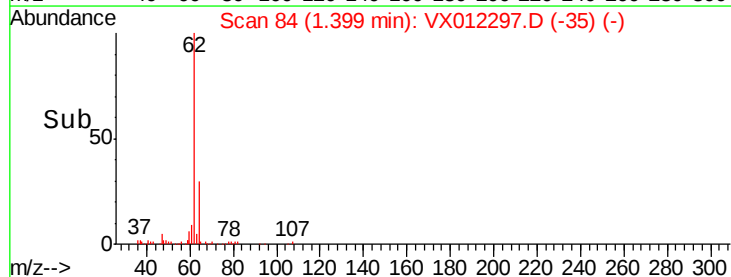
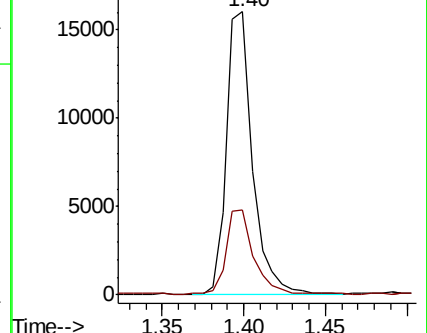
62 100

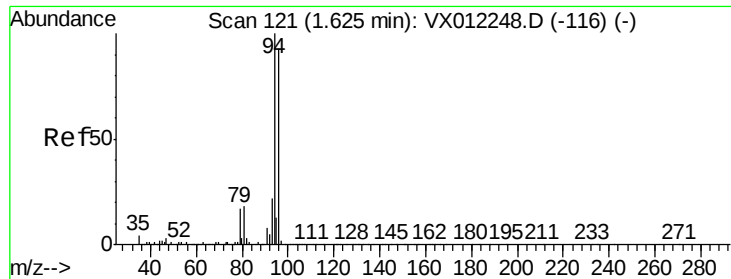
64 29.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.130 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

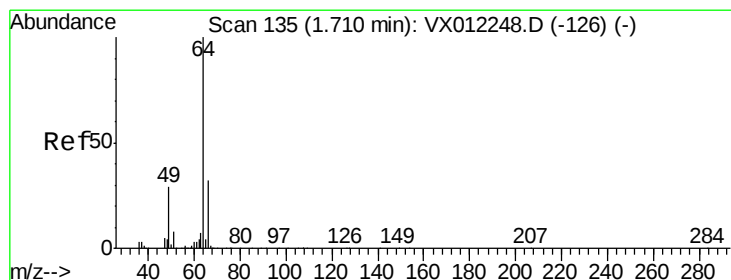
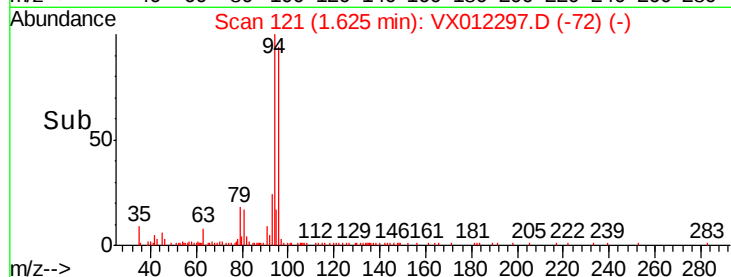
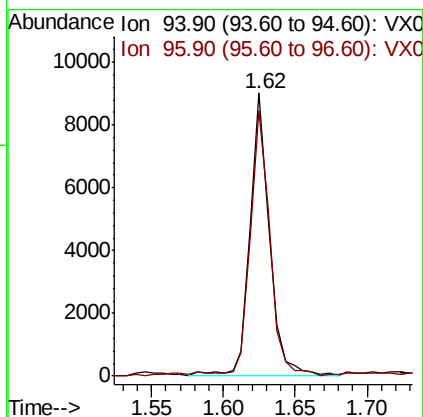
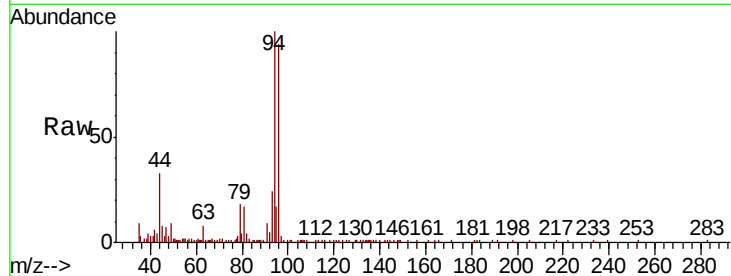
VX0911SBS01

Tgt Ion: 94 Resp: 8480

Ion Ratio Lower Upper

94 100

96 92.9 74.0 111.0



#6

Chloroethane

Concen: 21.432 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012297.D

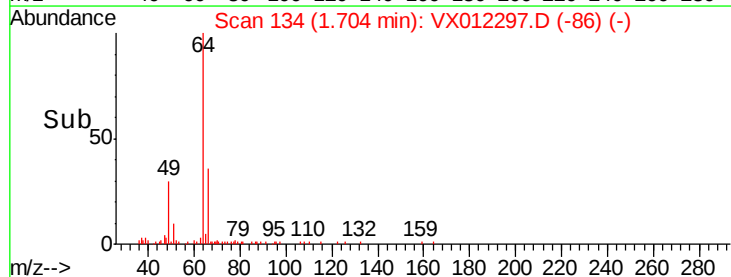
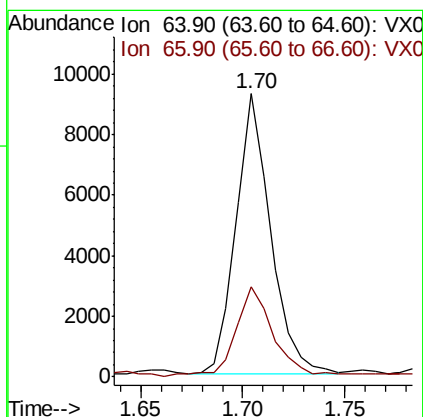
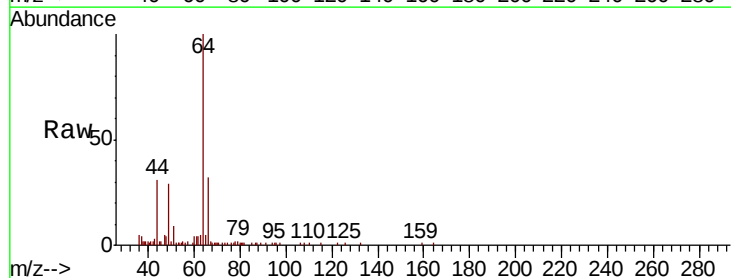
Acq: 11 Sep 2019 12:49

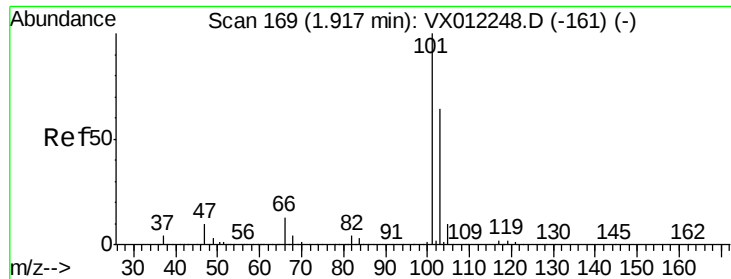
Tgt Ion: 64 Resp: 10930

Ion Ratio Lower Upper

64 100

66 31.3 25.8 38.6



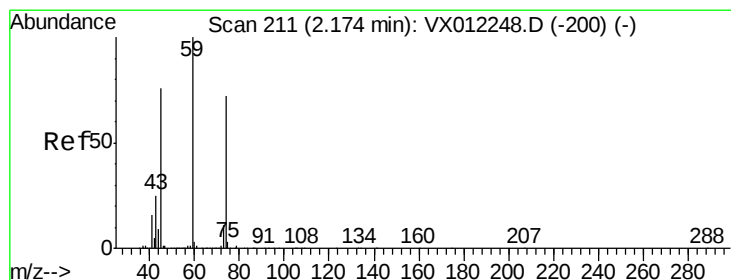
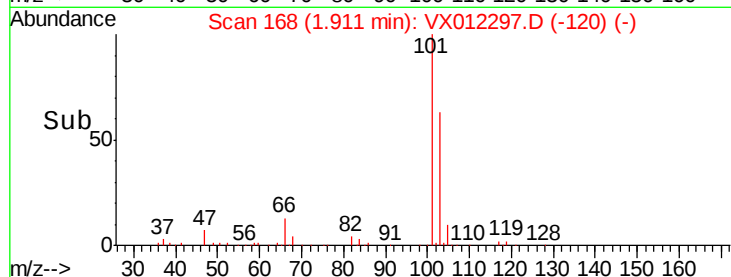
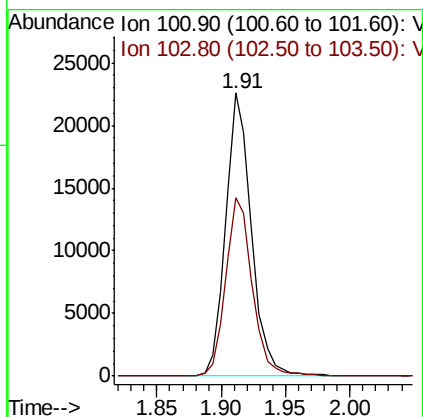
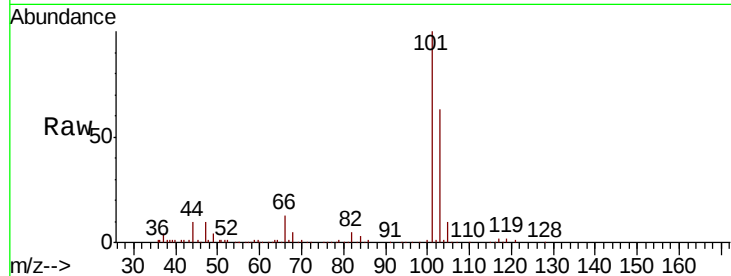


#7

Trichlorofluoromethane
Concen: 23.070 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

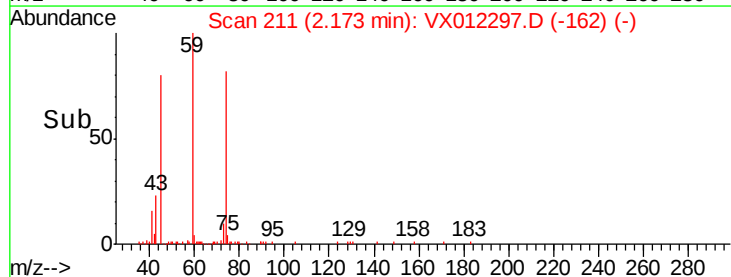
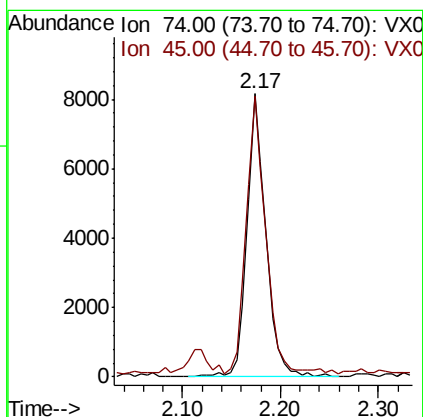
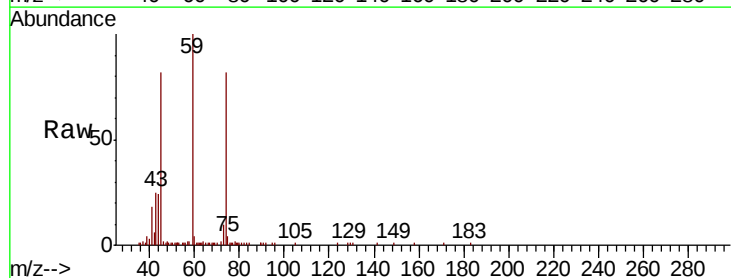
Tgt Ion:101 Resp: 31842
Ion Ratio Lower Upper
101 100
103 62.9 51.4 77.2

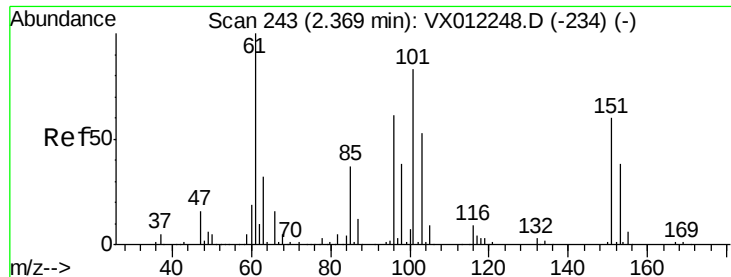


#8

Diethyl Ether
Concen: 23.275 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 74 Resp: 10962
Ion Ratio Lower Upper
74 100
45 99.5 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.713 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

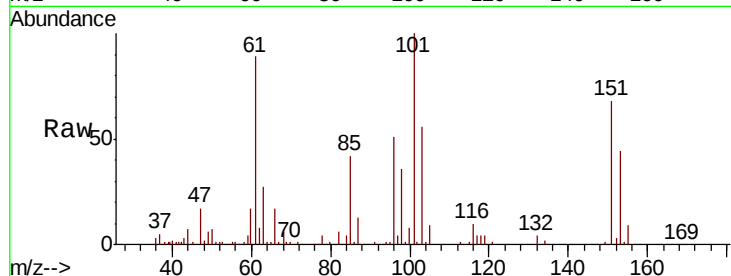
Tgt Ion:101 Resp: 22989

Ion Ratio Lower Upper

101 100

85 44.7 37.0 55.6

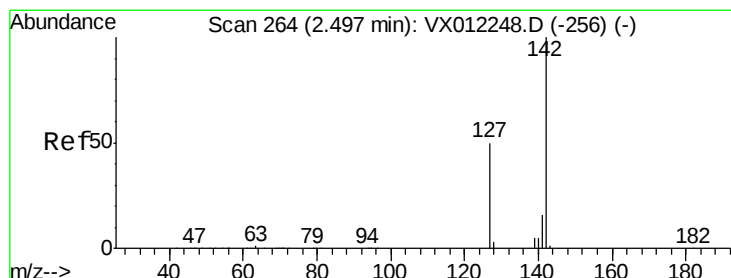
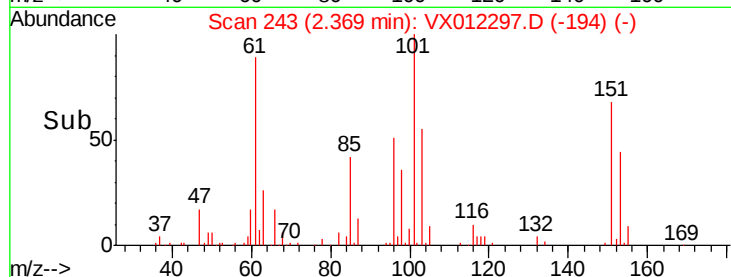
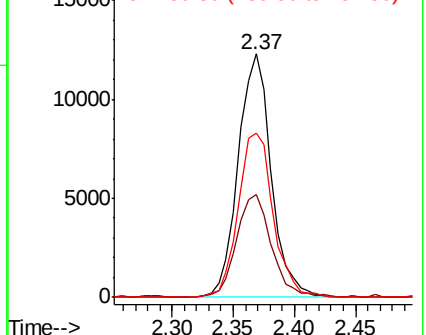
151 71.8 58.6 87.8



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: 15.314 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

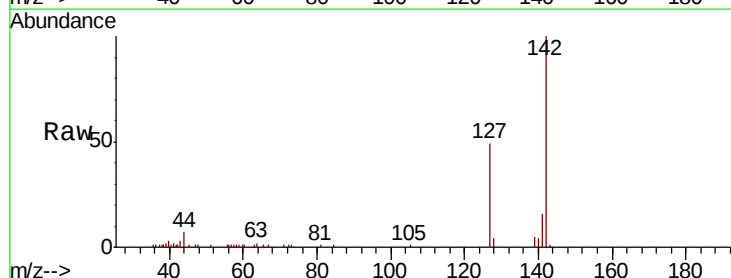
Tgt Ion:142 Resp: 13559

Ion Ratio Lower Upper

142 100

127 50.6 40.6 61.0

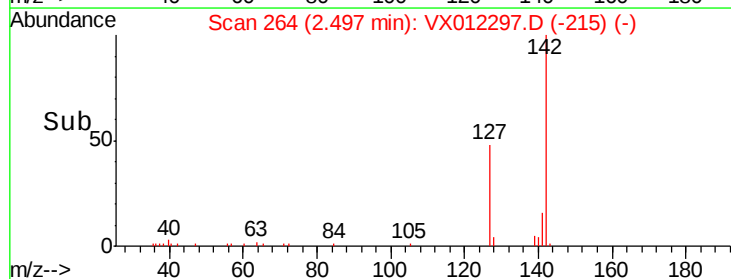
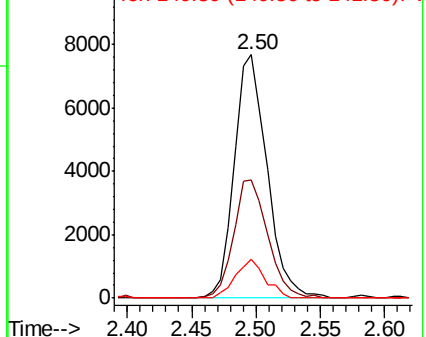
141 14.5 12.0 18.0

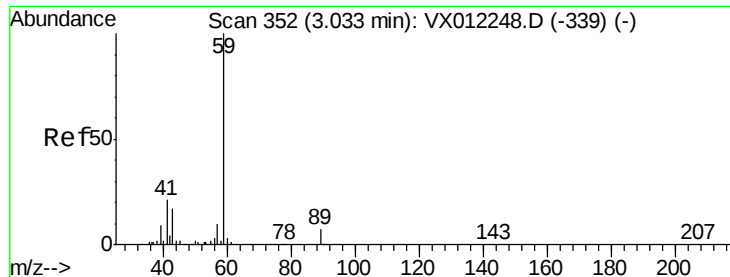


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

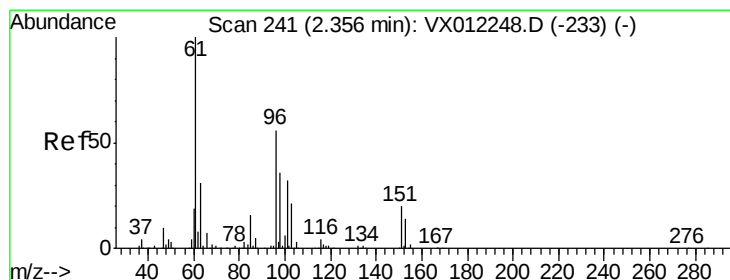
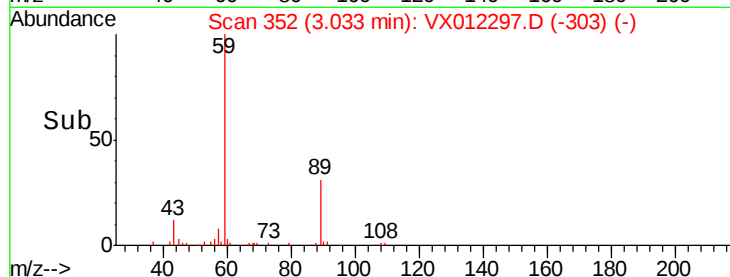
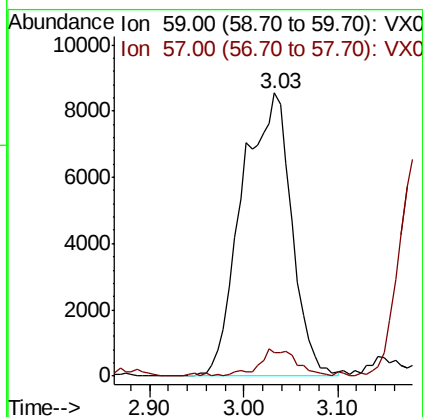
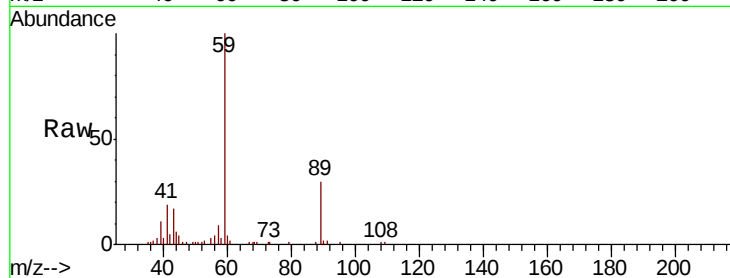




#11
Tert butyl alcohol
Concen: 197.897 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

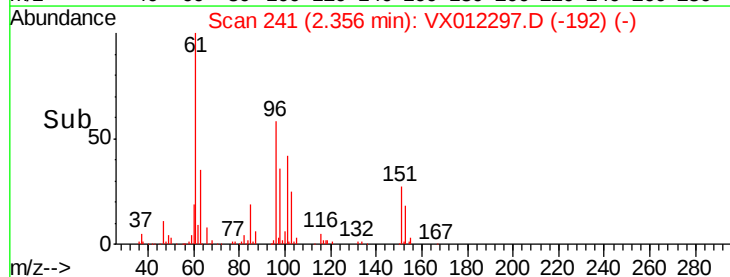
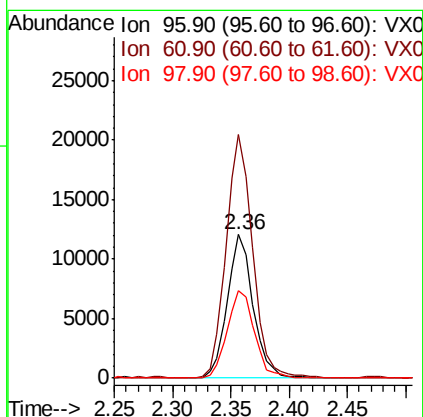
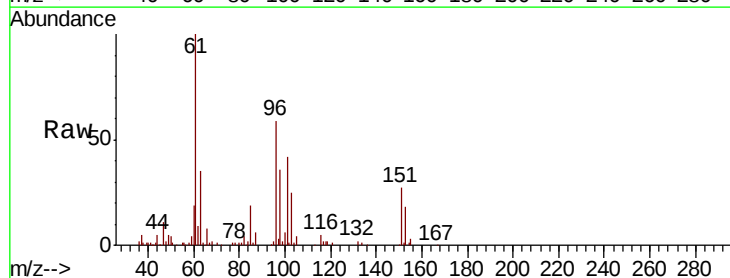
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

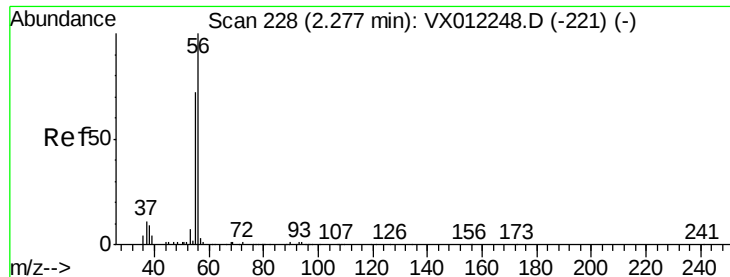
Tgt Ion: 59 Resp: 31309
Ion Ratio Lower Upper
59 100
57 7.3 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 23.613 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 96 Resp: 18649
Ion Ratio Lower Upper
96 100
61 170.0 142.2 213.2
98 61.3 51.3 76.9





#13

Acrolein

Concen: 126.336 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

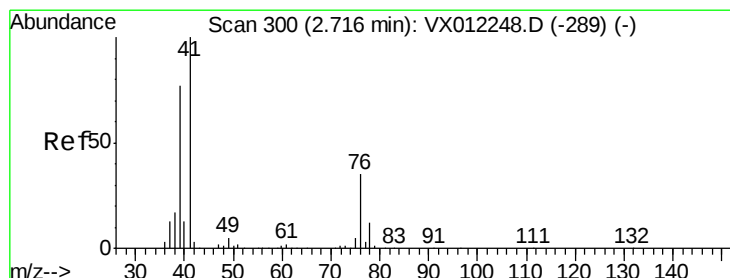
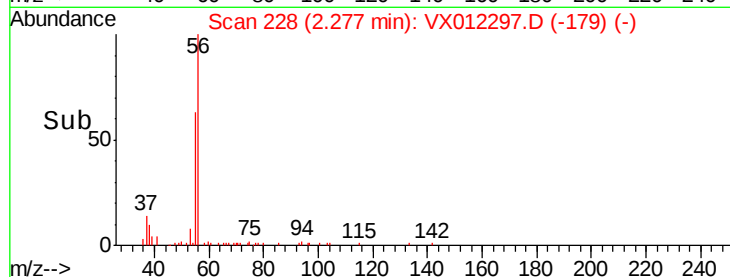
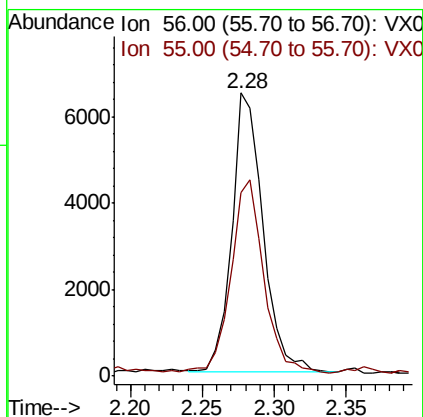
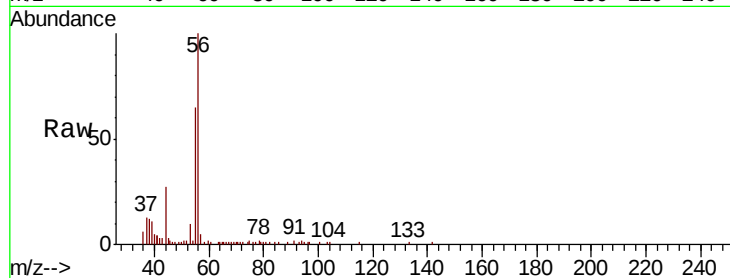
VX0911SBS01

Tgt Ion: 56 Resp: 9745

Ion Ratio Lower Upper

56 100

55 73.0 59.8 89.6



#14

Allyl chloride

Concen: 21.532 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

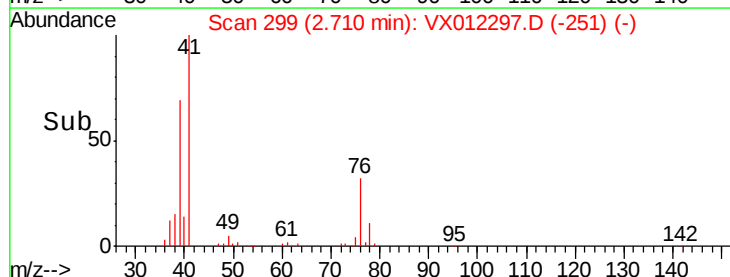
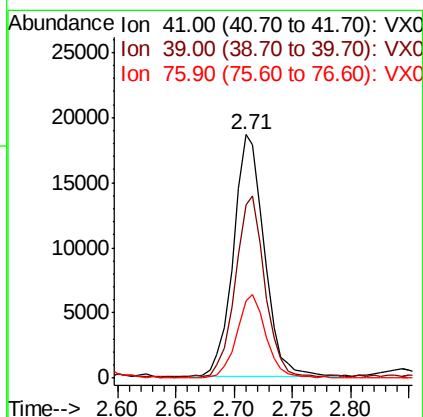
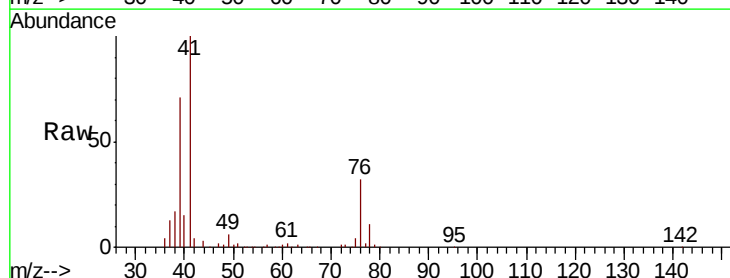
Tgt Ion: 41 Resp: 34669

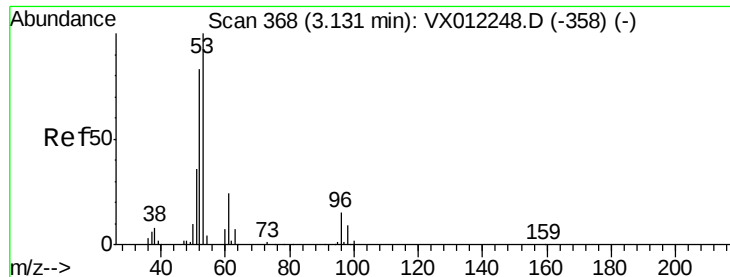
Ion Ratio Lower Upper

41 100

39 71.2 58.6 87.8

76 32.6 26.3 39.5





#15

Acrylonitrile

Concen: 132.612 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

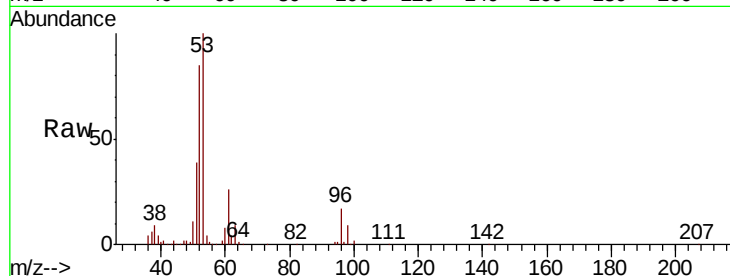
Tgt Ion: 53 Resp: 38609

Ion Ratio Lower Upper

53 100

52 81.0 66.8 100.2

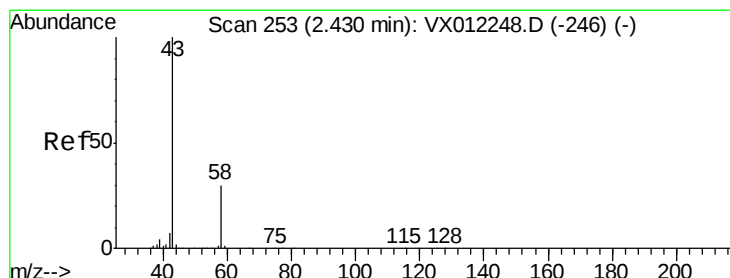
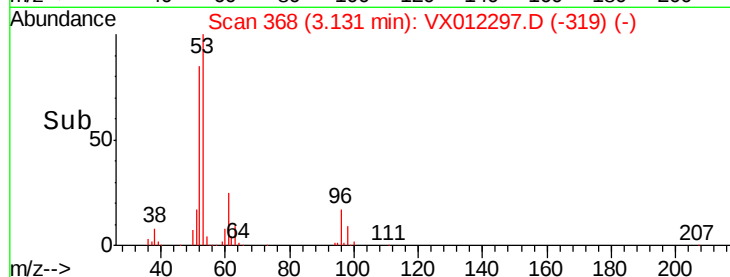
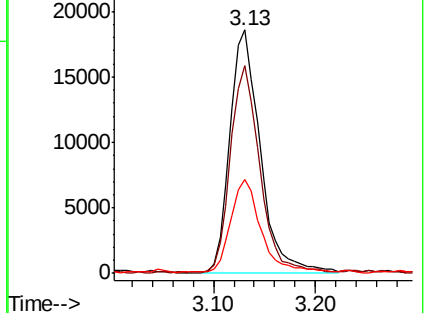
51 38.1 30.7 46.1



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: 126.382 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012297.D

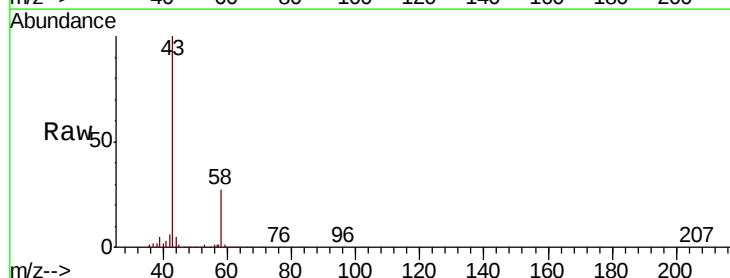
Acq: 11 Sep 2019 12:49

Tgt Ion: 43 Resp: 44147

Ion Ratio Lower Upper

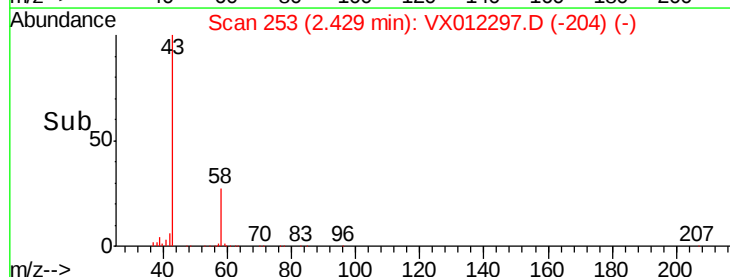
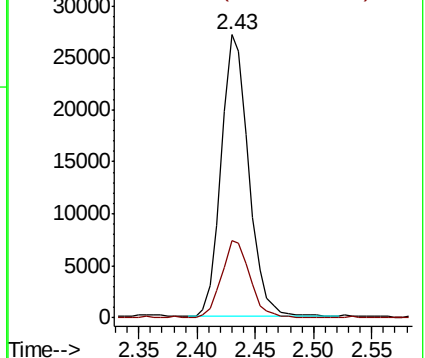
43 100

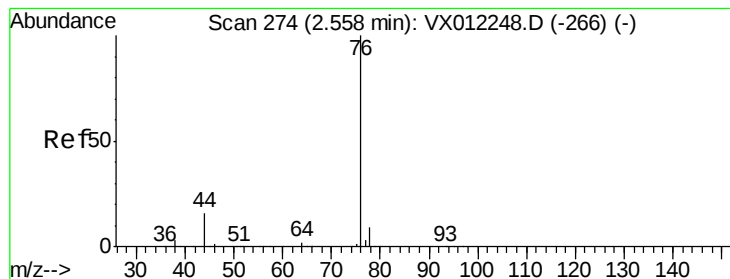
58 27.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 21.939 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

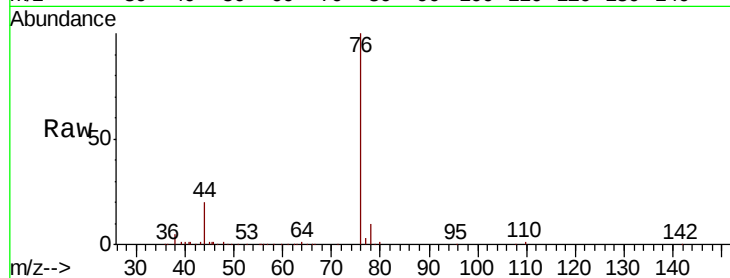
VX0911SBSD01

Tgt Ion: 76 Resp: 36384

Ion Ratio Lower Upper

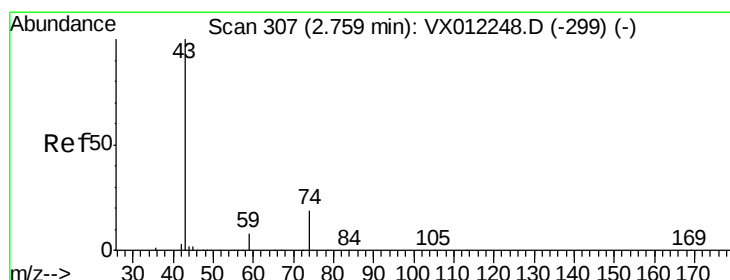
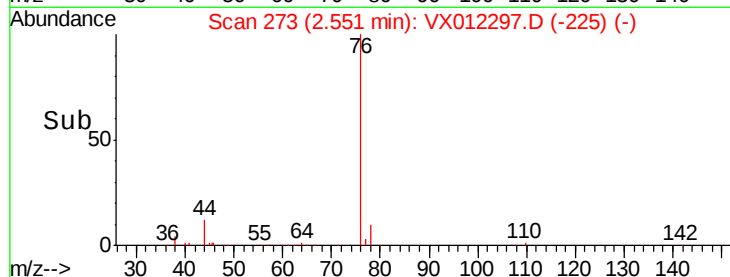
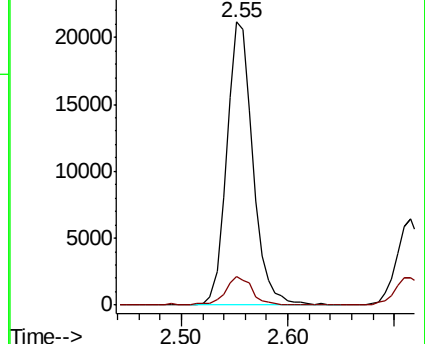
76 100

78 10.0 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: 26.280 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012297.D

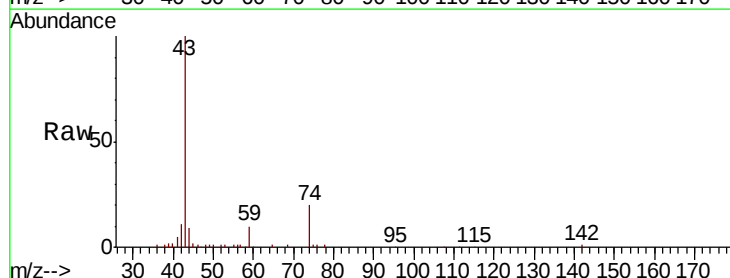
Acq: 11 Sep 2019 12:49

Tgt Ion: 43 Resp: 19295

Ion Ratio Lower Upper

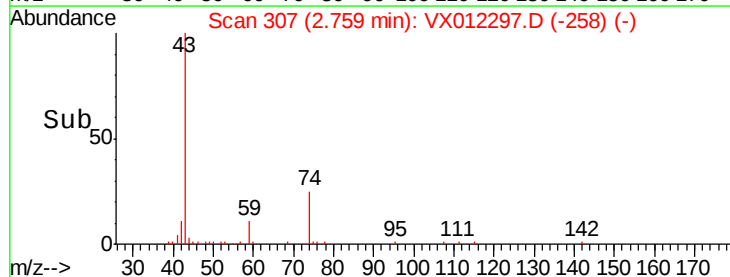
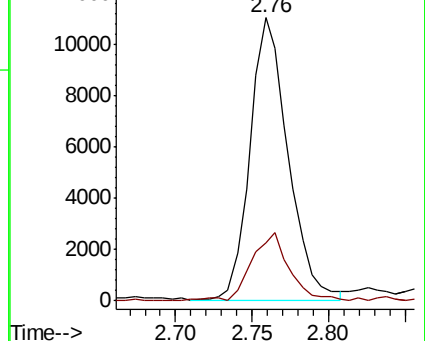
43 100

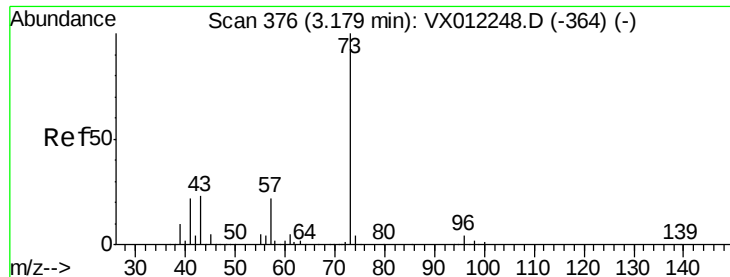
74 23.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

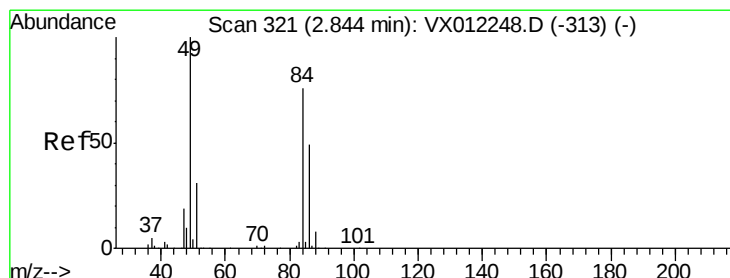
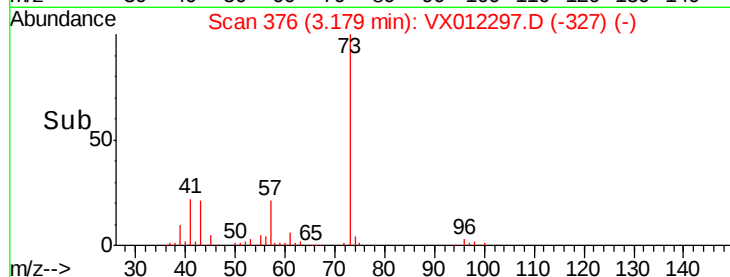
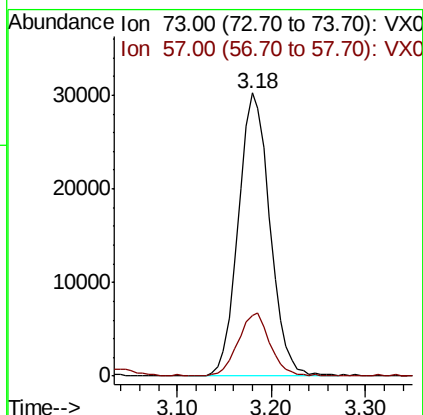
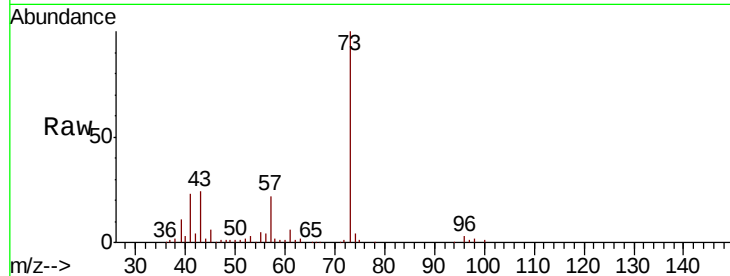




#19
Methyl tert-butyl Ether
Concen: 22.621 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

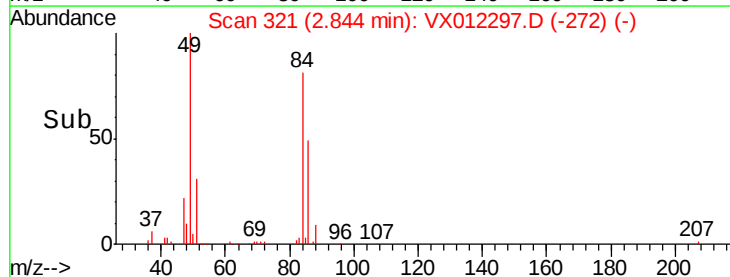
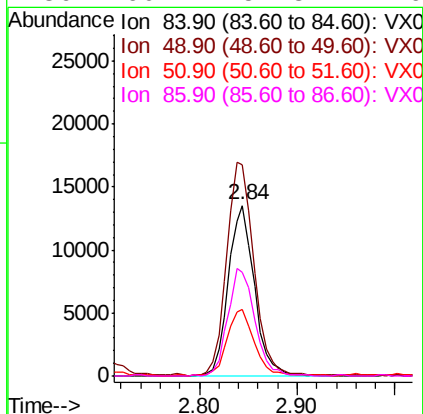
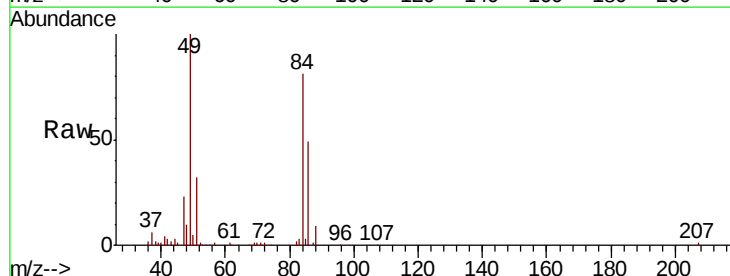
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

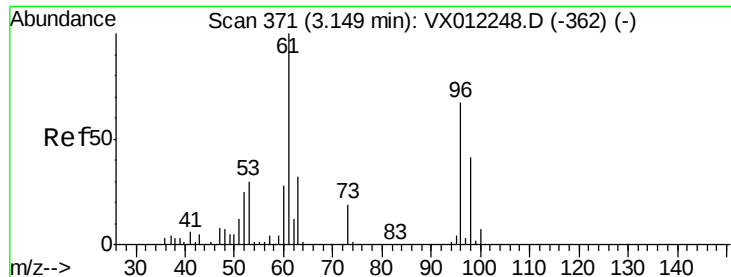
Tgt Ion: 73 Resp: 70551
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 21.377 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 84 Resp: 24941
Ion Ratio Lower Upper
84 100
49 123.7 105.0 157.6
51 39.3 32.6 48.8
86 60.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 22.684 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

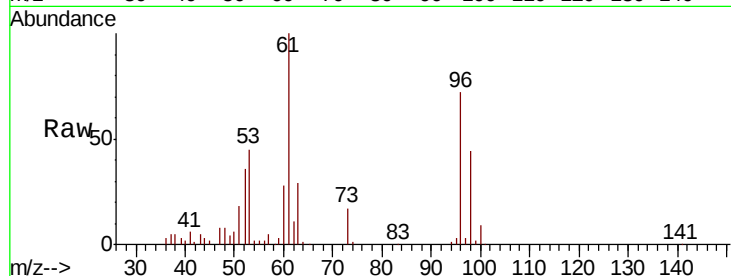
Tgt Ion: 96 Resp: 21374

Ion Ratio Lower Upper

96 100

61 137.9 119.4 179.2

98 60.3 48.4 72.6

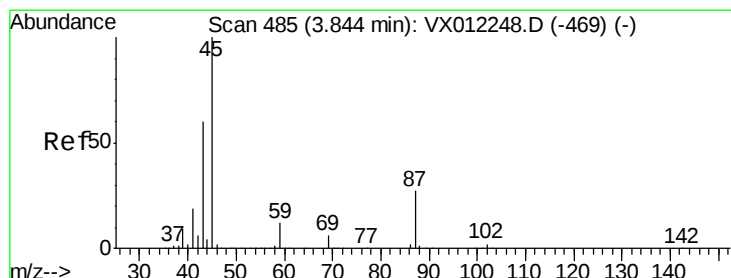
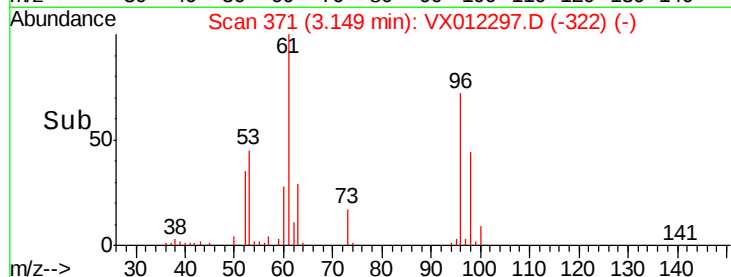
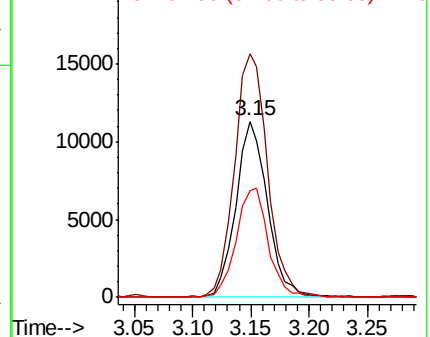


Abundance

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: 21.060 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Tgt Ion: 45 Resp: 77550

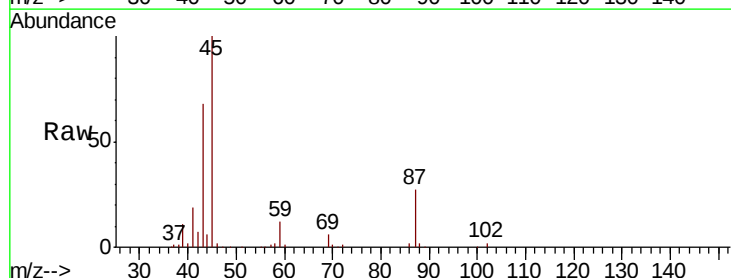
Ion Ratio Lower Upper

45 100

43 67.7 48.3 72.5

87 26.9 21.8 32.8

59 11.8 9.1 13.7



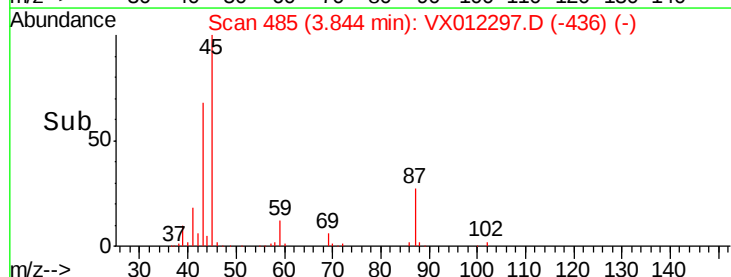
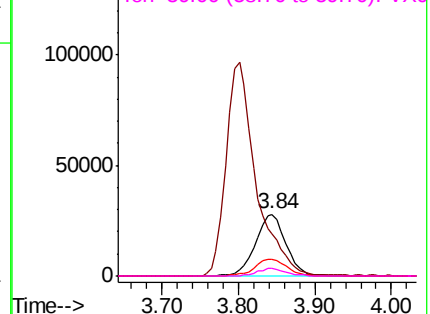
Abundance

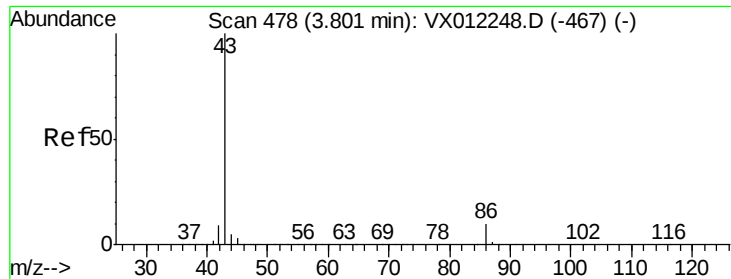
Ion 45.00 (44.70 to 45.70): VX0

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: 116.377 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

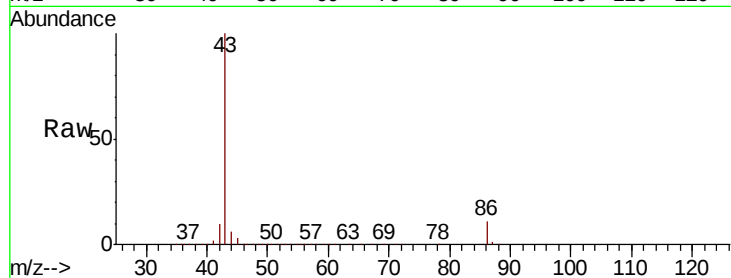
VX0911SBSD01

Tgt Ion: 43 Resp: 262929

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

100000

80000

60000

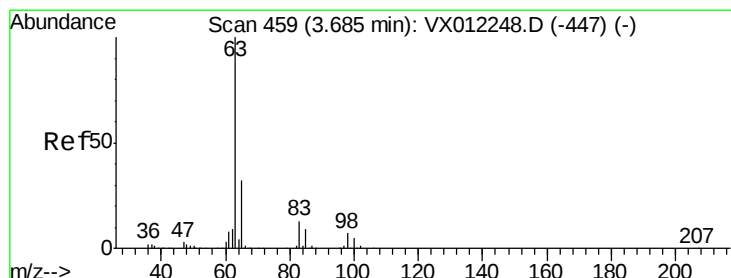
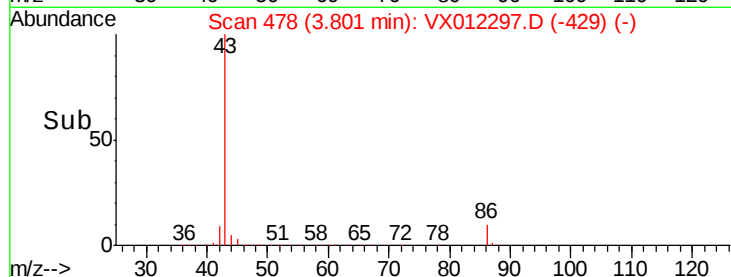
40000

20000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 22.168 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

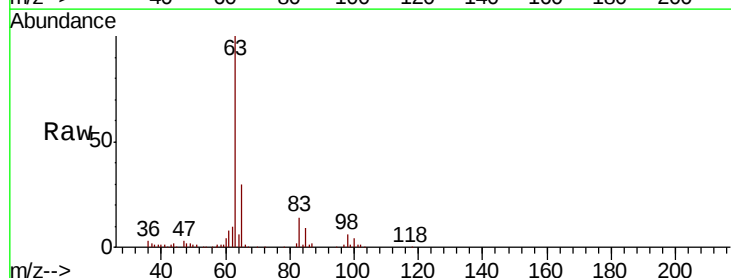
Tgt Ion: 63 Resp: 43726

Ion Ratio Lower Upper

63 100

98 6.4 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

25000

20000

15000

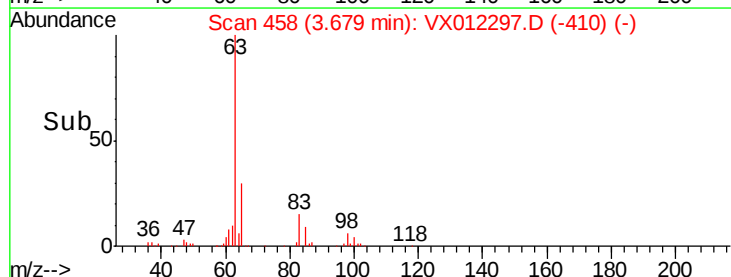
10000

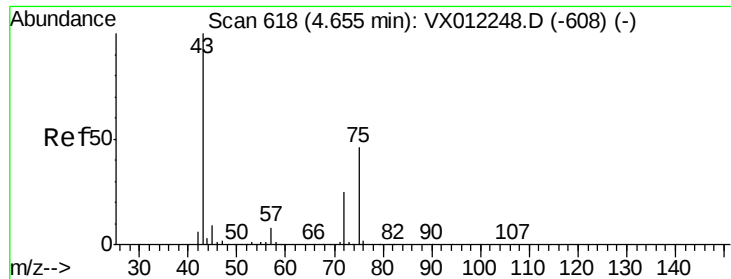
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 132.147 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

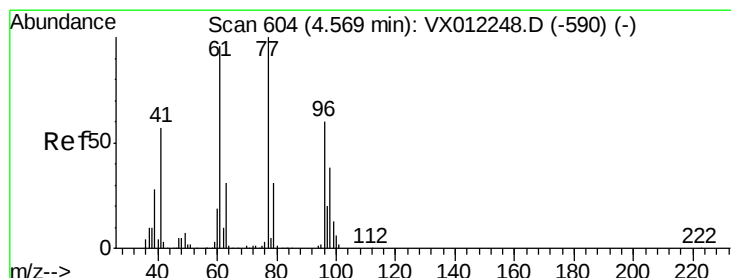
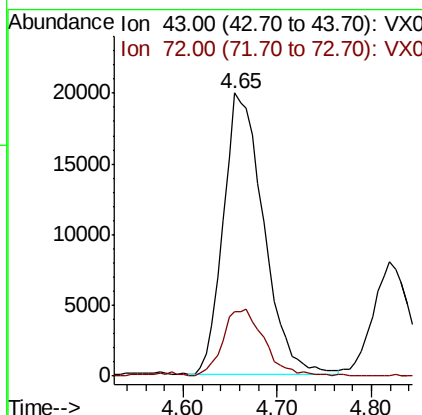
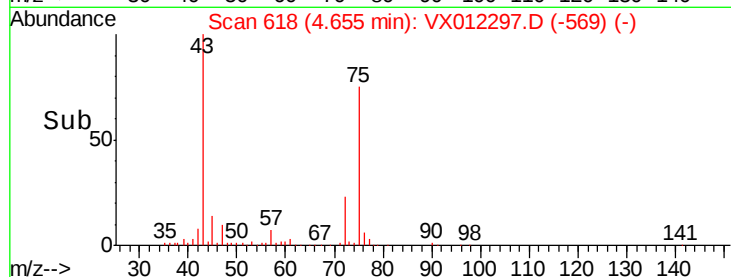
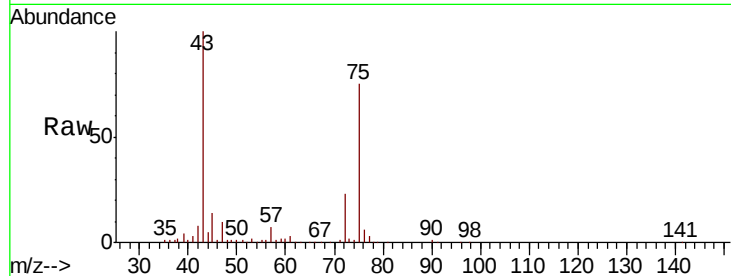
VX0911SBSD01

Tgt Ion: 43 Resp: 59010

Ion Ratio Lower Upper

43 100

72 22.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 21.568 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012297.D

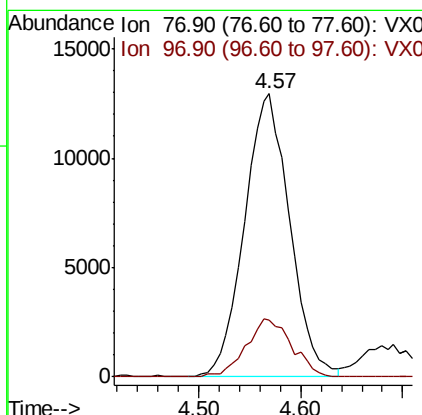
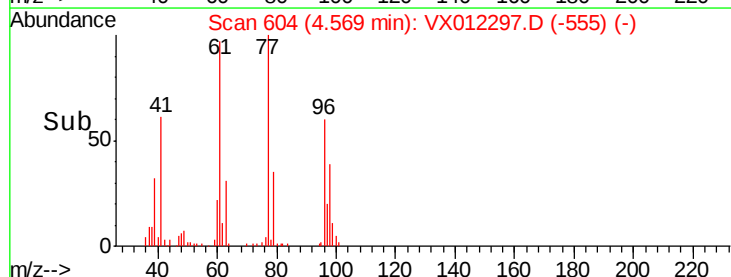
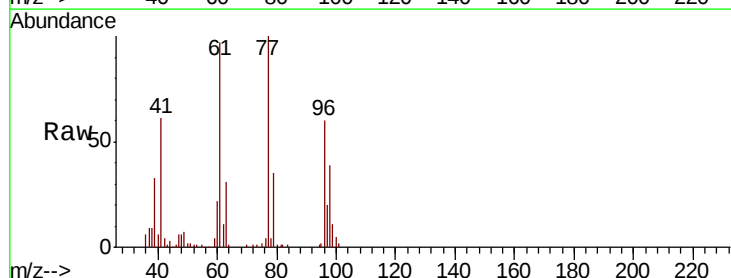
Acq: 11 Sep 2019 12:49

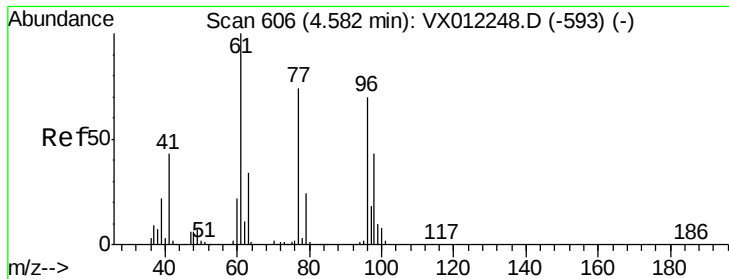
Tgt Ion: 77 Resp: 39941

Ion Ratio Lower Upper

77 100

97 20.7 10.7 32.1



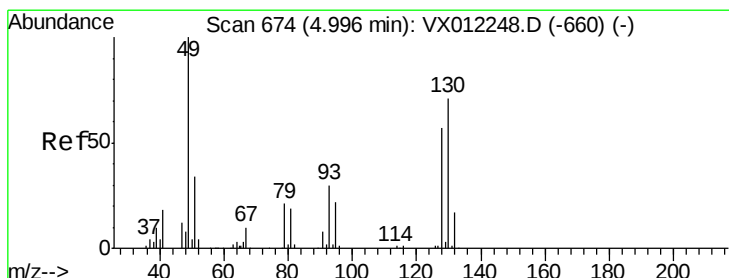
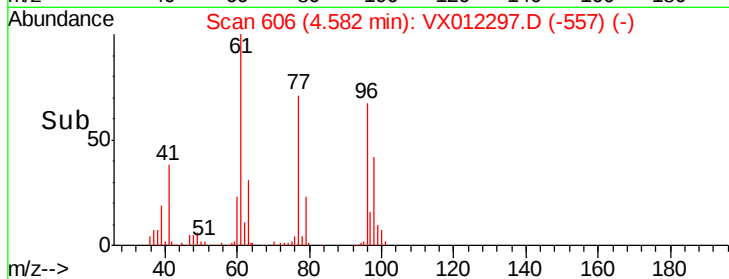
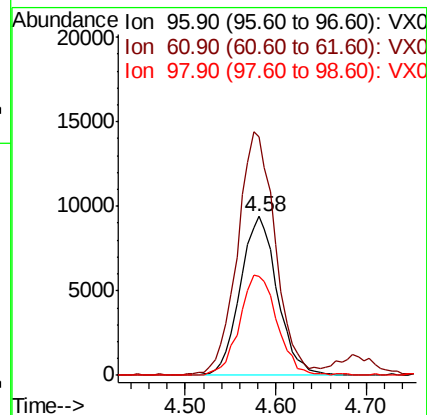
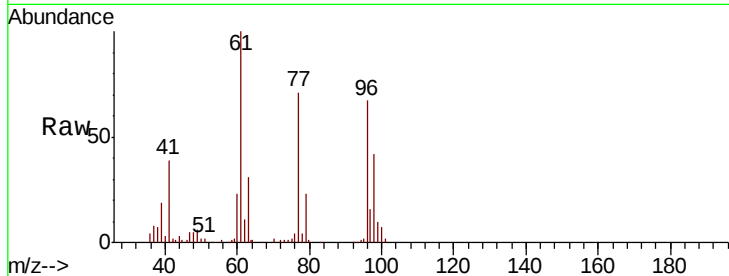


#27

cis-1,2-Dichloroethene
Concen: 21.907 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

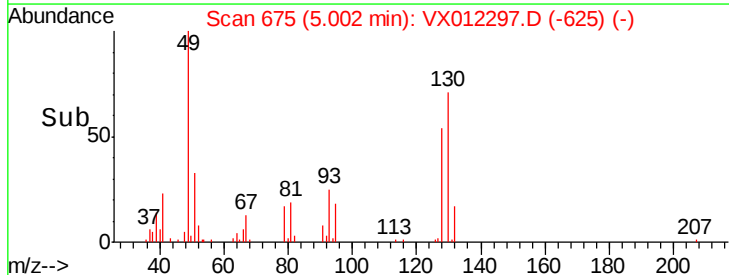
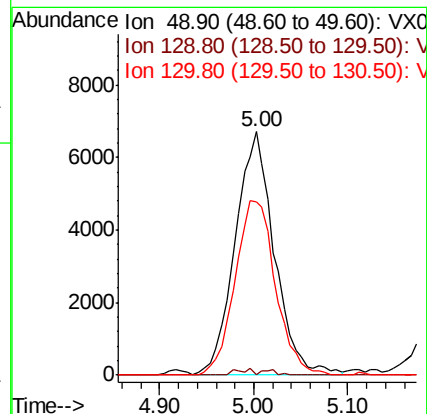
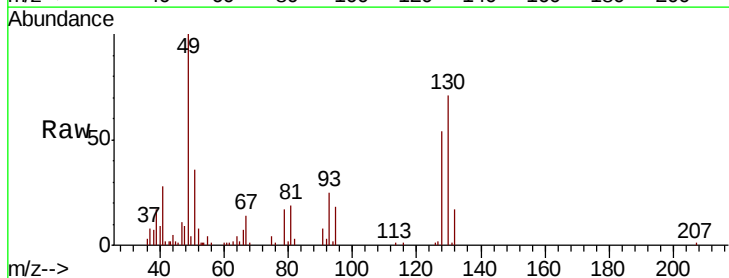
Tgt Ion: 96 Resp: 26649
Ion Ratio Lower Upper
96 100
61 157.1 0.0 310.4
98 64.0 0.0 128.8

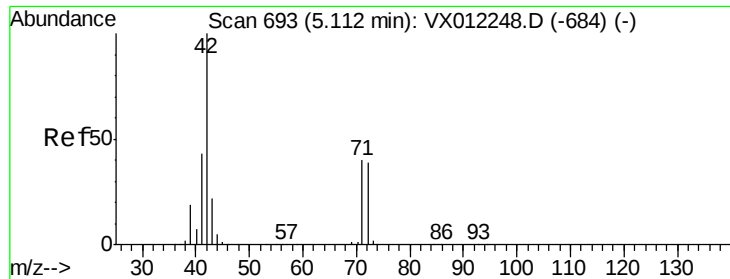


#28

Bromochloromethane
Concen: 21.036 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 49 Resp: 19460
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 74.1 60.1 90.1

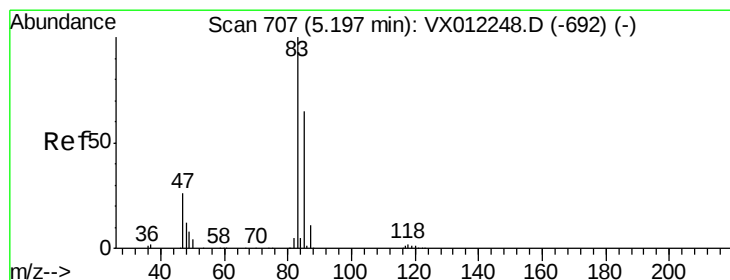
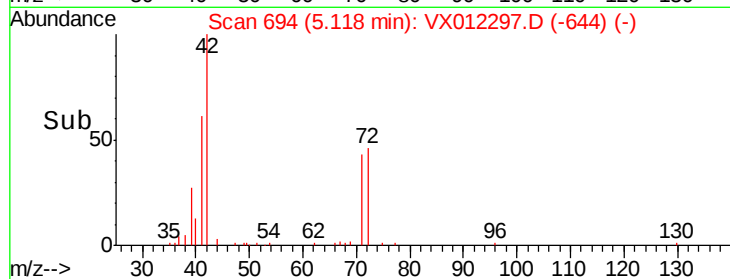
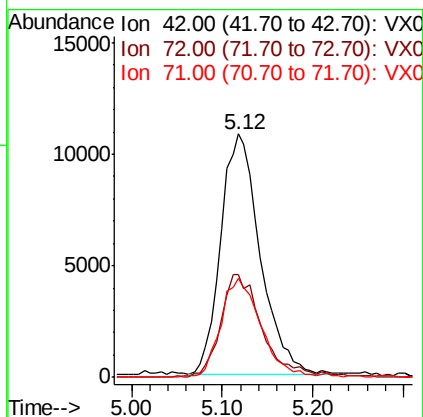
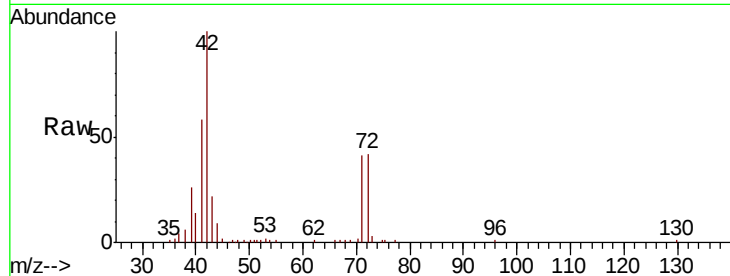




#29
Tetrahydrofuran
Concen: 135.382 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

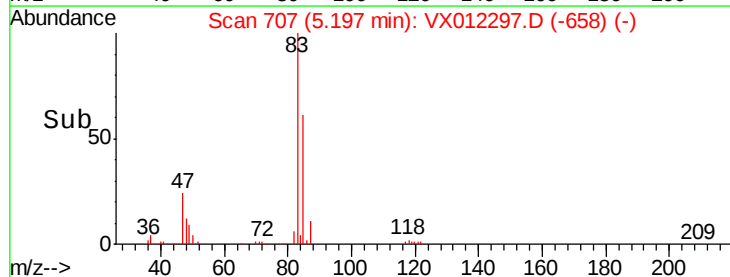
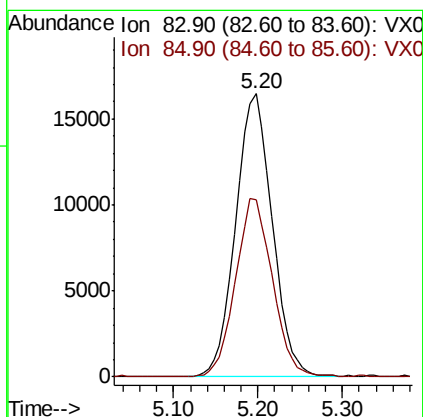
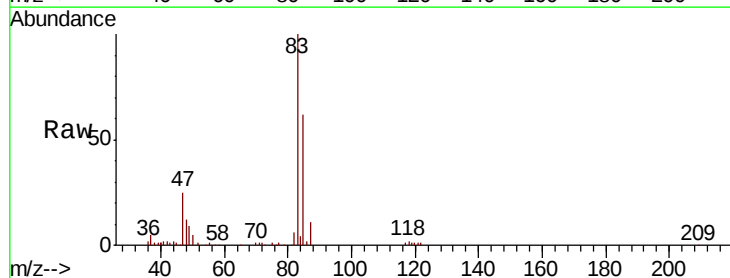
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

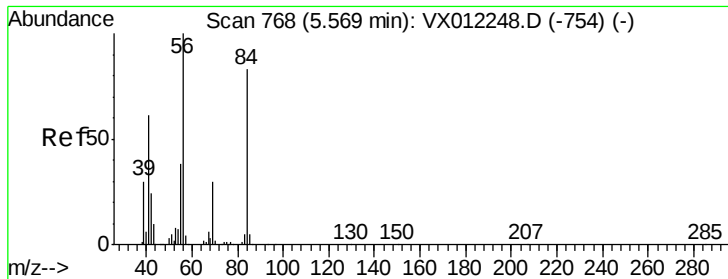
Tgt Ion: 42 Resp: 32618
Ion Ratio Lower Upper
42 100
72 44.2 35.2 52.8
71 41.7 32.5 48.7



#30
Chloroform
Concen: 21.791 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 83 Resp: 48468
Ion Ratio Lower Upper
83 100
85 62.5 52.3 78.5

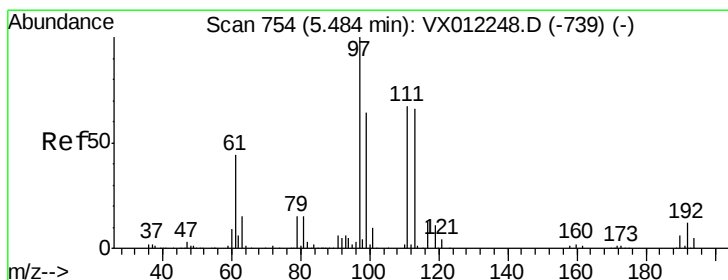
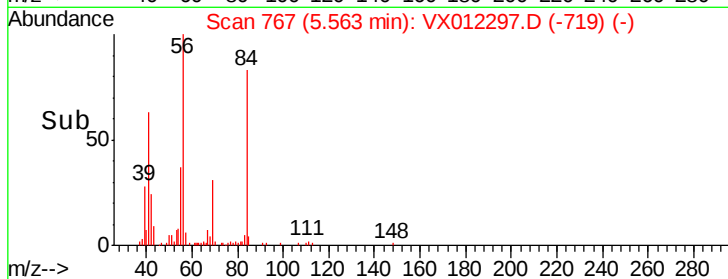
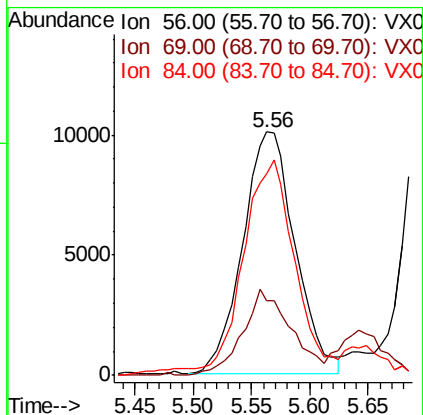
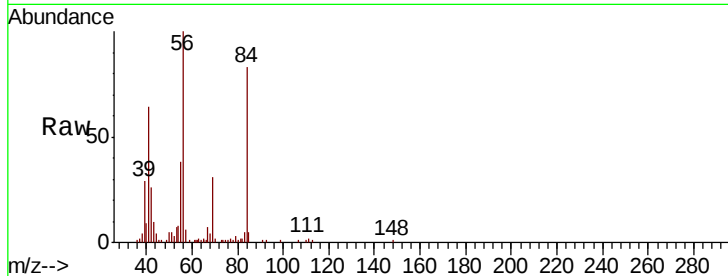




#31
Cyclohexane
Concen: 23.059 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

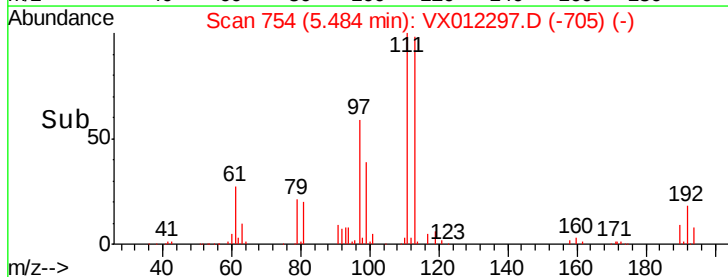
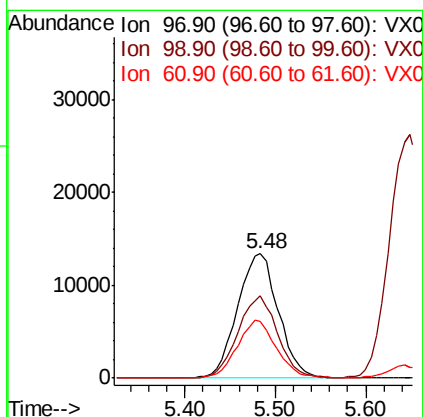
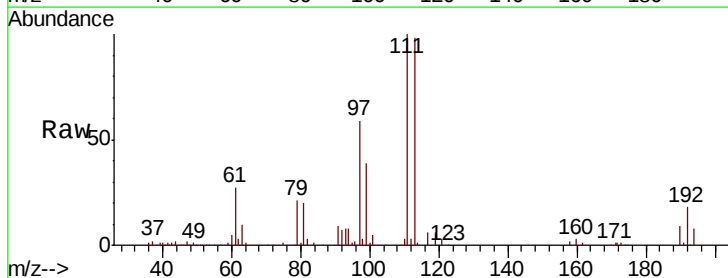
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

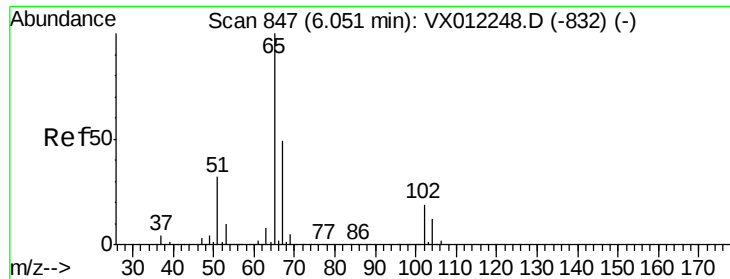
Tgt Ion: 56 Resp: 31594
Ion Ratio Lower Upper
56 100
69 30.8 23.8 35.6
84 80.6 66.6 100.0



#32
1,1,1-Trichloroethane
Concen: 21.859 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 97 Resp: 41748
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 45.2 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 55.974 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

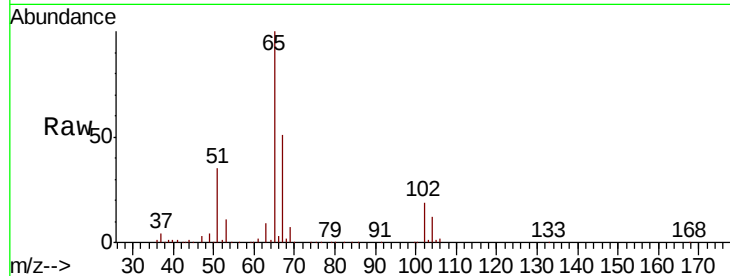
VX0911SBSD01

Tgt Ion: 65 Resp: 82595

Ion Ratio Lower Upper

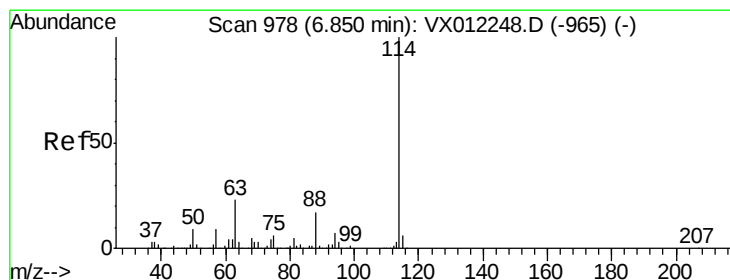
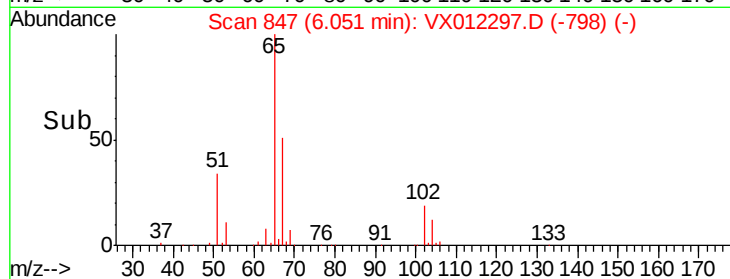
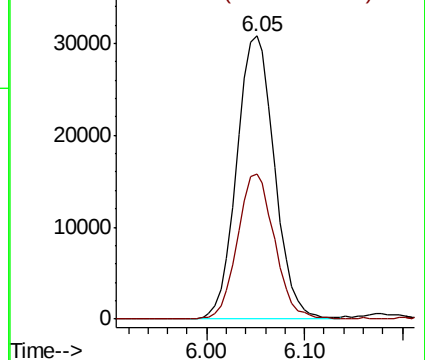
65 100

67 50.4 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

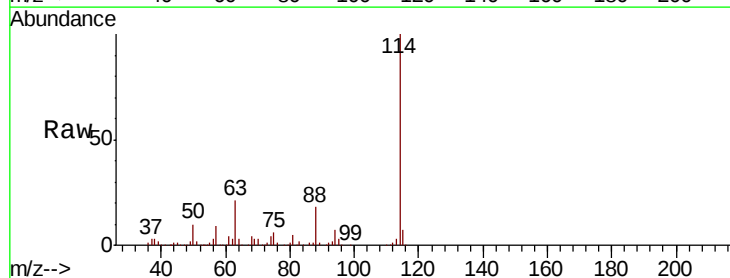
Tgt Ion: 114 Resp: 182149

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

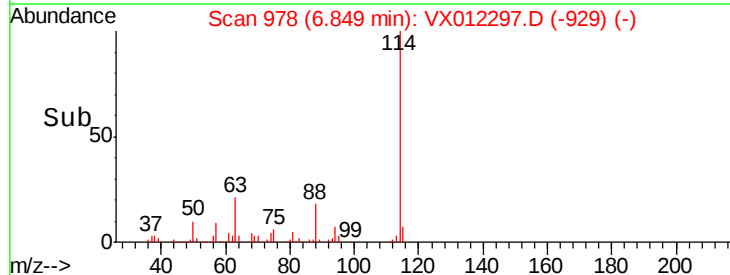
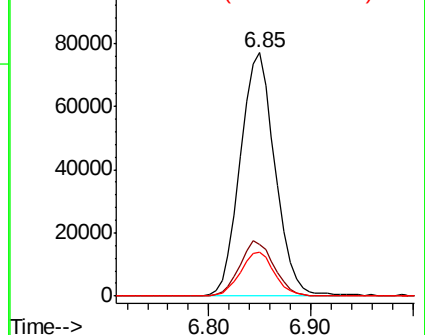
88 18.1 0.0 34.8

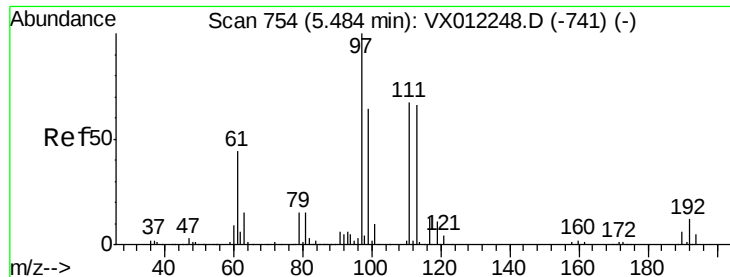


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.998 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

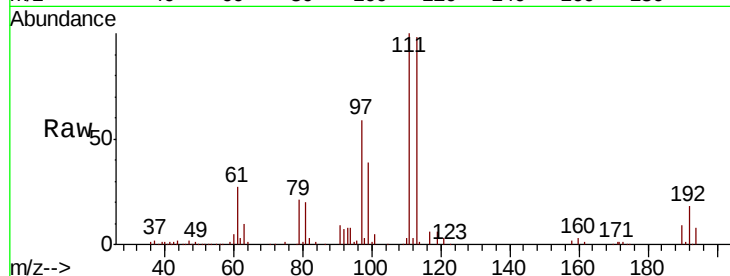
Tgt Ion:113 Resp: 61884

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.6

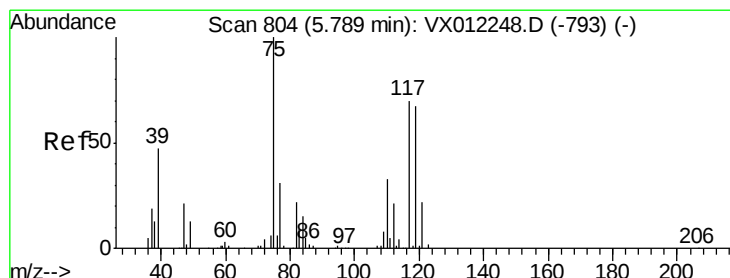
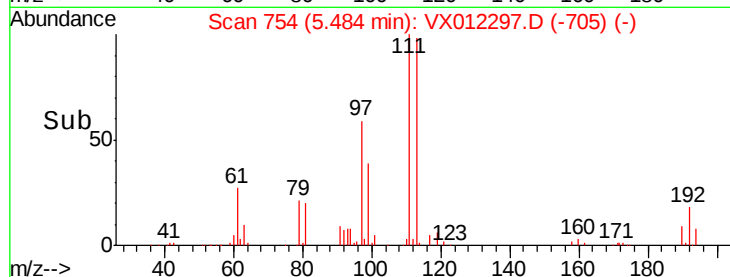
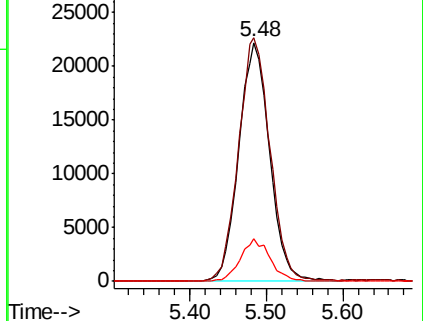
192 17.2 14.3 21.5



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: 22.370 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

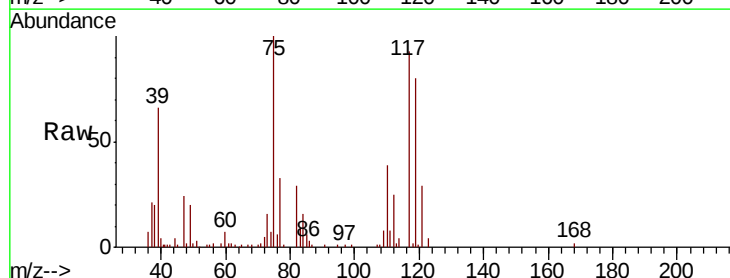
Tgt Ion: 75 Resp: 29711

Ion Ratio Lower Upper

75 100

110 37.1 16.8 50.4

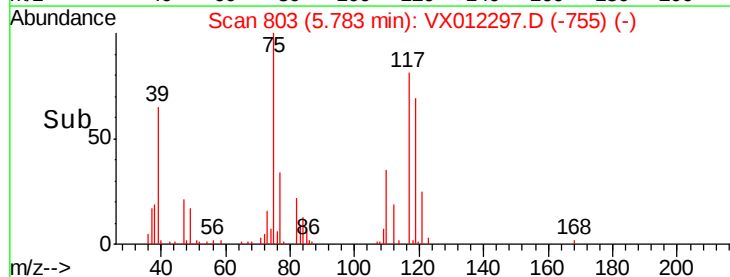
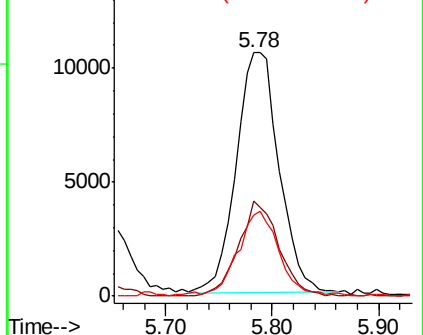
77 34.7 24.5 36.7

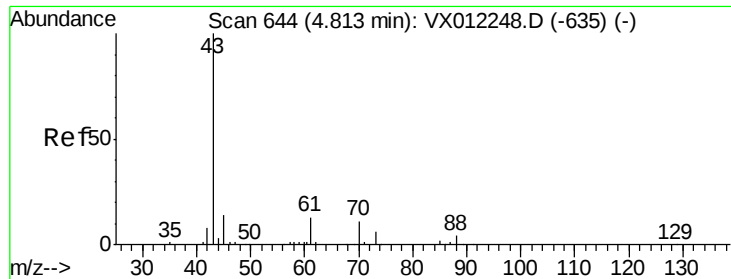


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

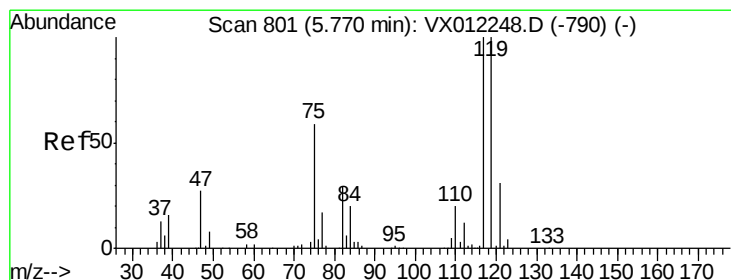
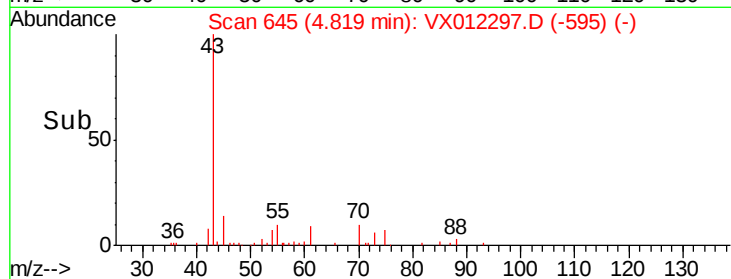
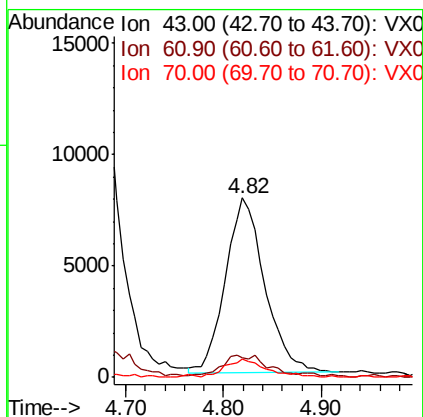
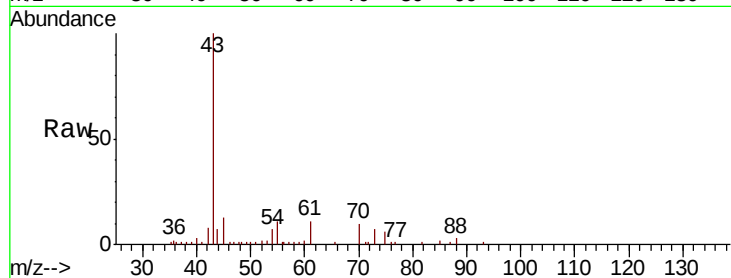




#37
Ethyl Acetate
Concen: 26.653 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

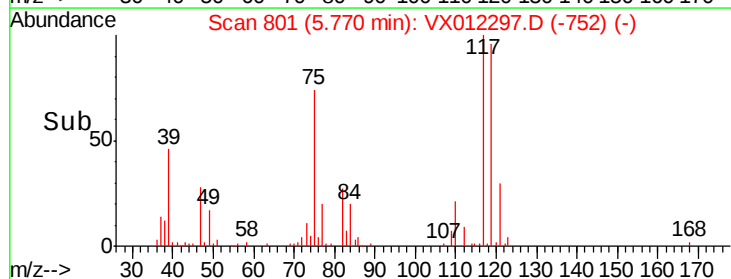
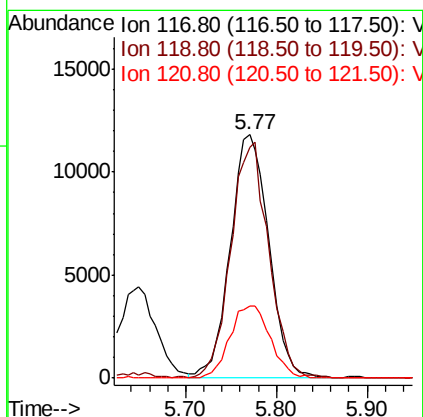
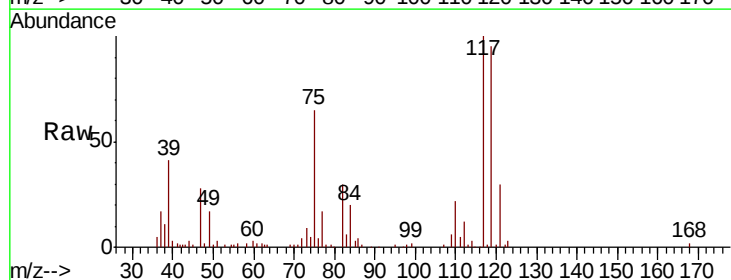
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

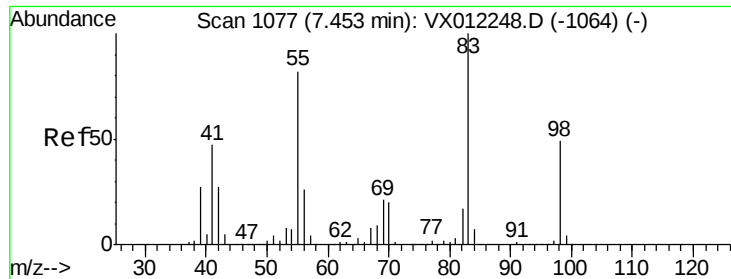
Tgt Ion: 43 Resp: 21883
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 11.2 9.1 13.7



#38
Carbon Tetrachloride
Concen: 22.298 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 117 Resp: 34746
Ion Ratio Lower Upper
117 100
119 95.1 79.6 119.4
121 29.6 24.7 37.1

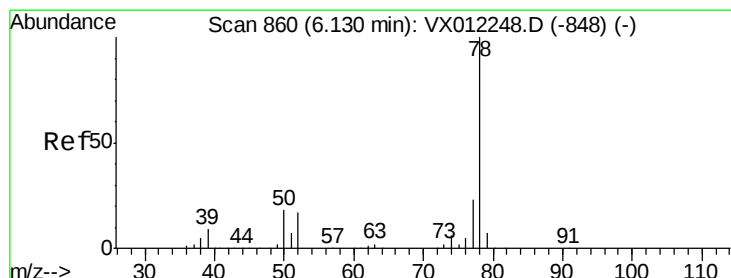
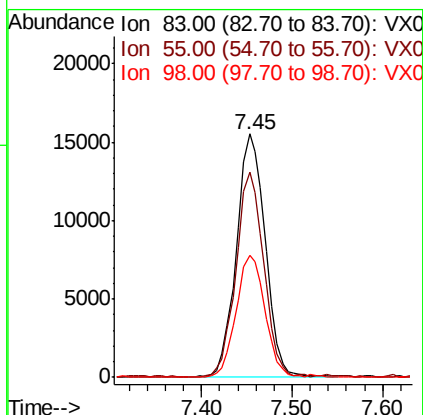
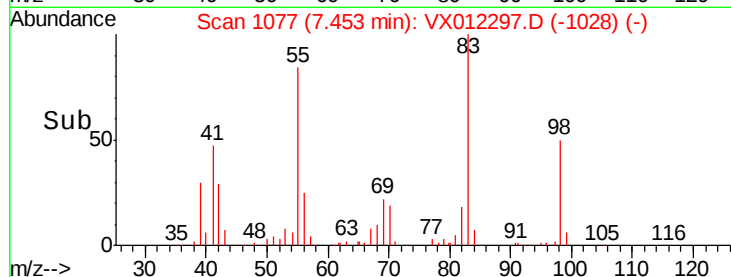
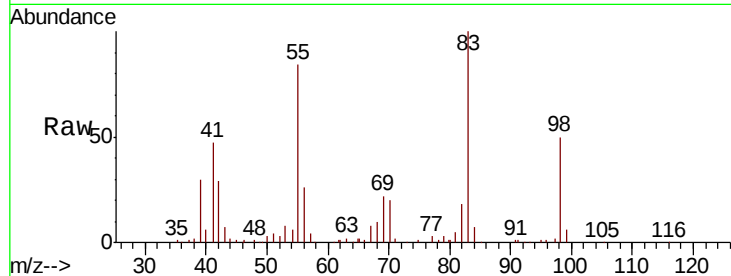




#39
Methylcyclohexane
Concen: 23.513 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

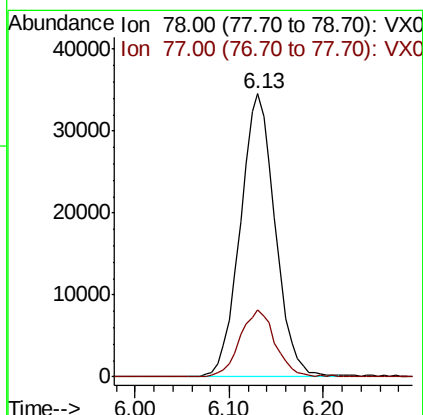
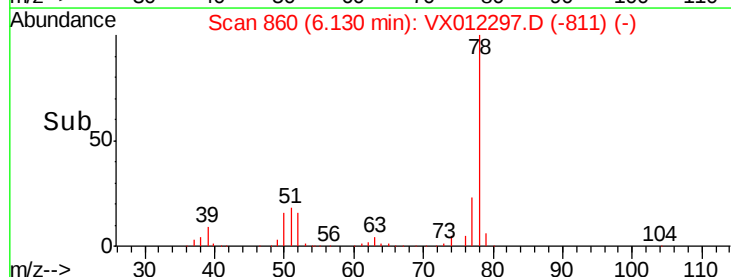
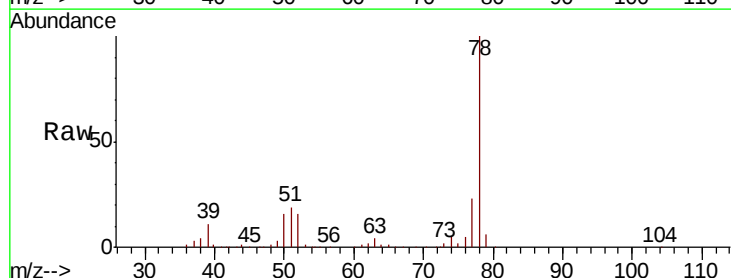
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

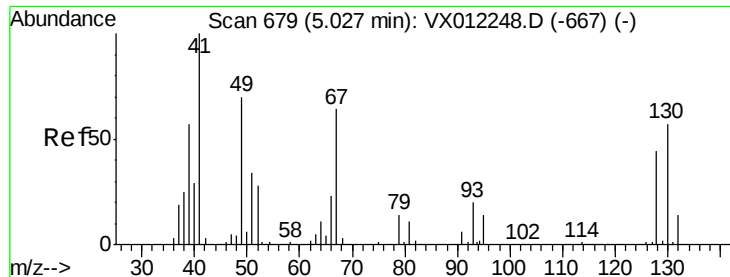
Tgt Ion: 83 Resp: 34272
Ion Ratio Lower Upper
83 100
55 84.1 65.4 98.2
98 50.2 39.6 59.4



#40
Benzene
Concen: 22.271 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 78 Resp: 89524
Ion Ratio Lower Upper
78 100
77 23.5 18.0 27.0





#41

Methacrylonitrile

Concen: 25.196 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

Tgt Ion: 41 Resp: 12753

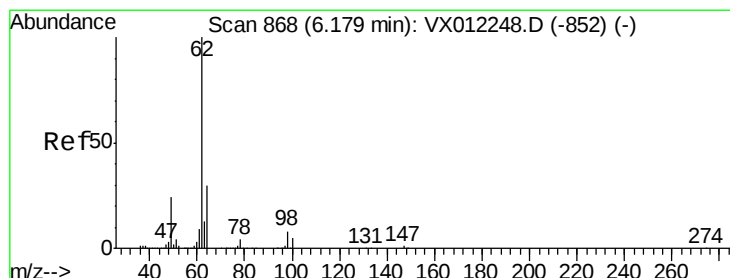
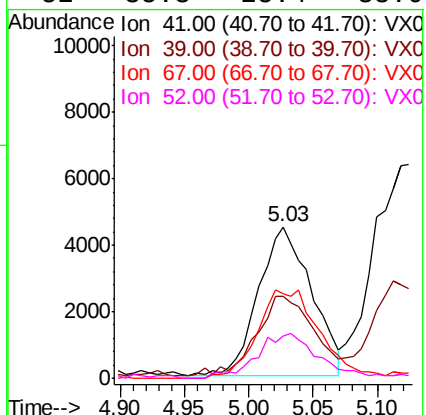
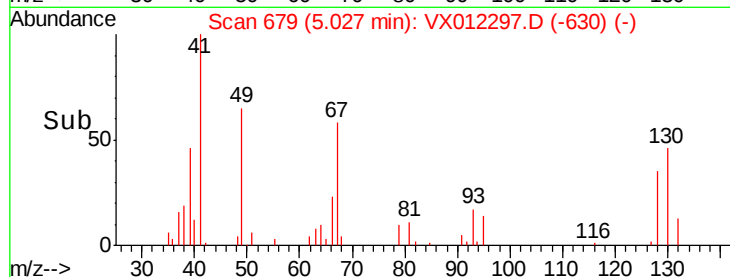
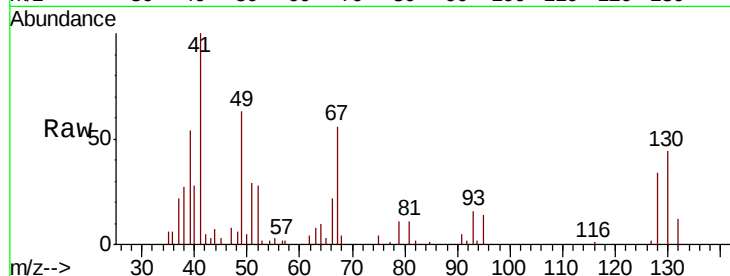
Ion Ratio Lower Upper

41 100

39 57.7 49.0 73.4

67 69.3 55.0 82.4

52 35.3 25.4 38.0



#42

1,2-Dichloroethane

Concen: 23.284 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012297.D

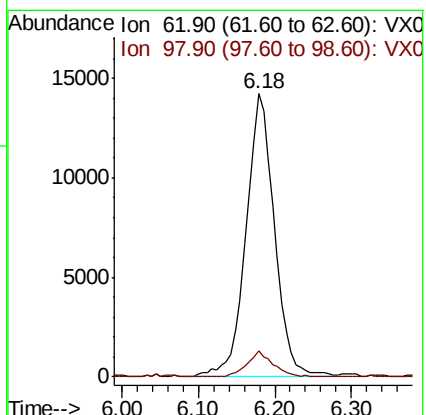
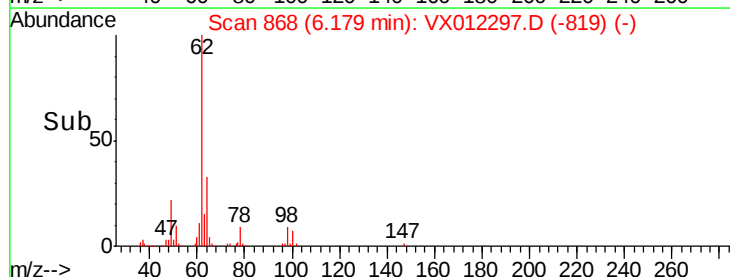
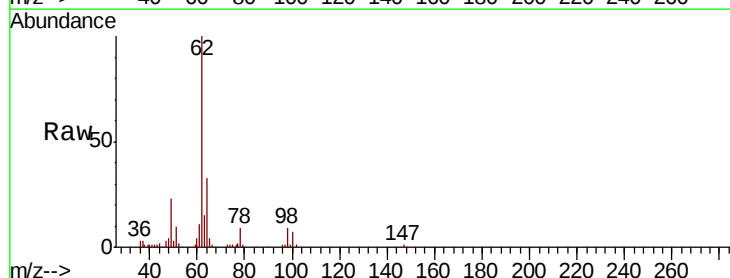
Acq: 11 Sep 2019 12:49

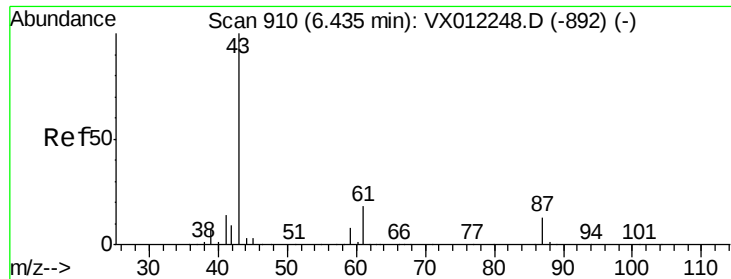
Tgt Ion: 62 Resp: 36992

Ion Ratio Lower Upper

62 100

98 8.3 0.0 17.2





#43

Isopropyl Acetate

Concen: 24.619 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS01

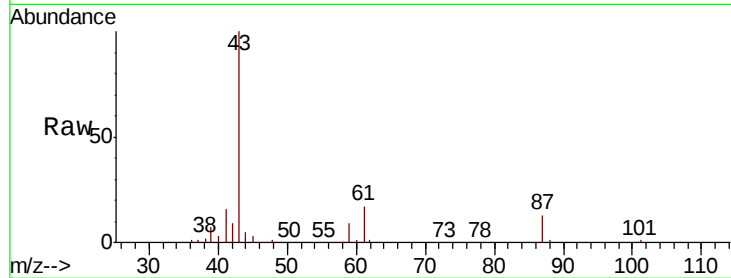
Tgt Ion: 43 Resp: 42615

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.2

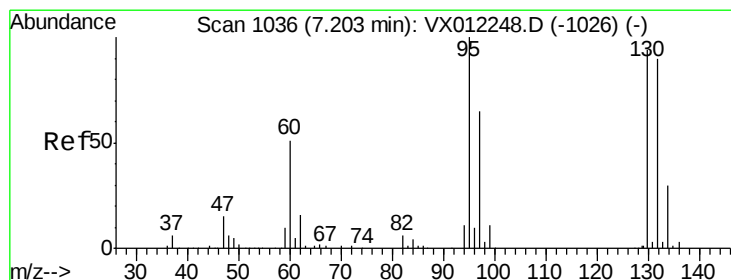
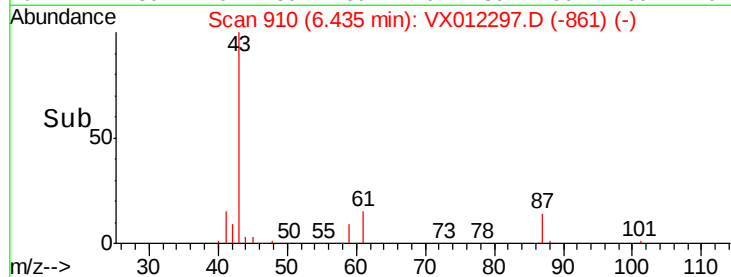
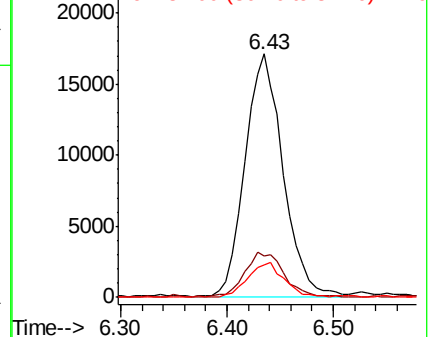
87 13.8 10.5 15.7



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: 23.138 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012297.D

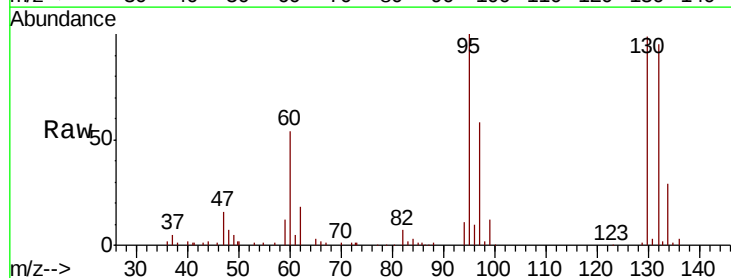
Acq: 11 Sep 2019 12:49

Tgt Ion: 130 Resp: 25171

Ion Ratio Lower Upper

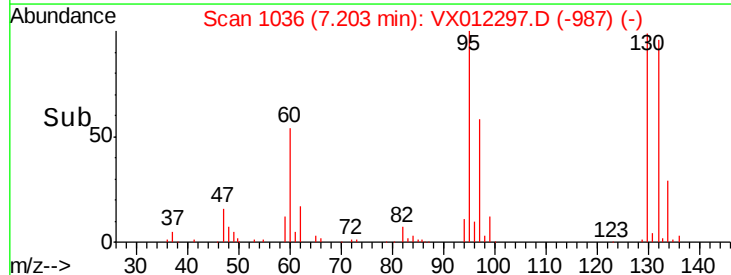
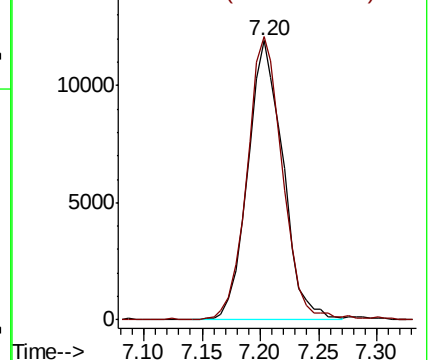
130 100

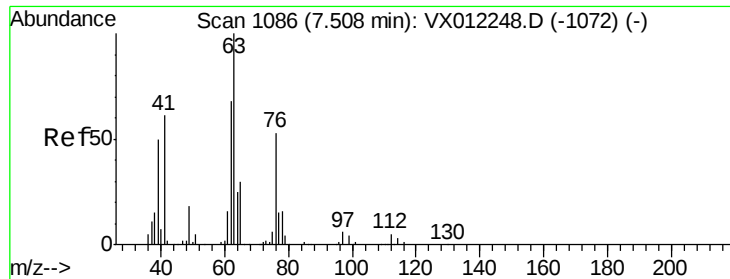
95 101.5 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 22.311 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

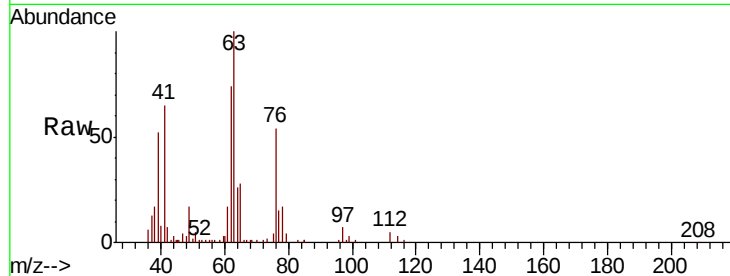
VX0911SBSD01

Tgt Ion: 63 Resp: 24825

Ion Ratio Lower Upper

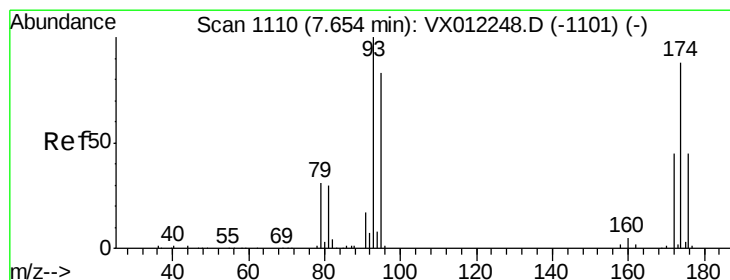
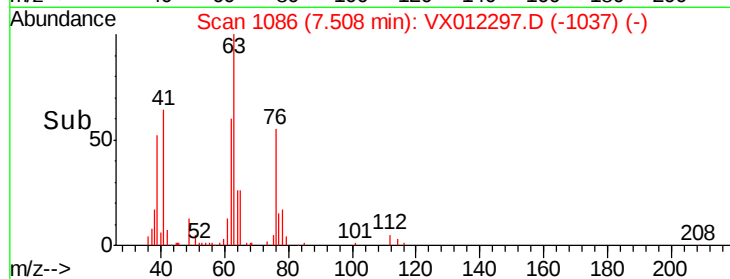
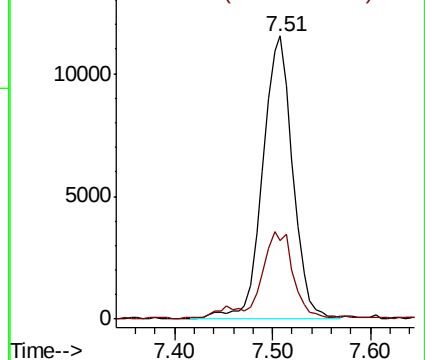
63 100

65 27.1 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: 23.119 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

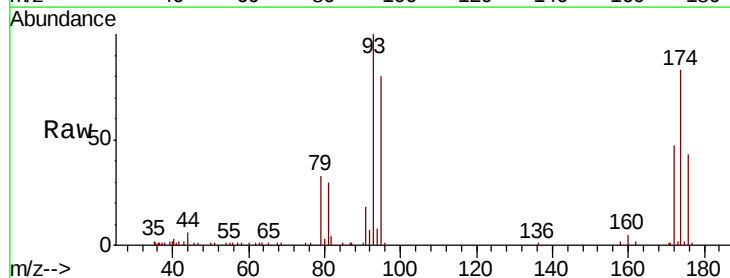
Tgt Ion: 93 Resp: 14059

Ion Ratio Lower Upper

93 100

95 81.6 65.7 98.5

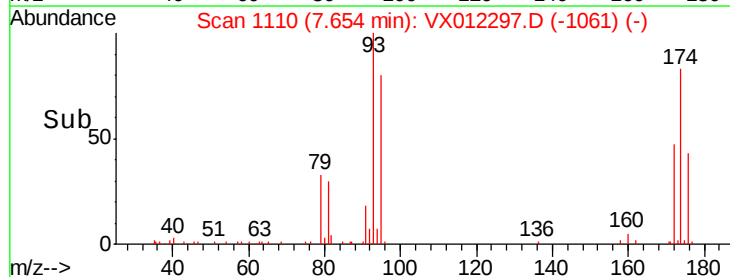
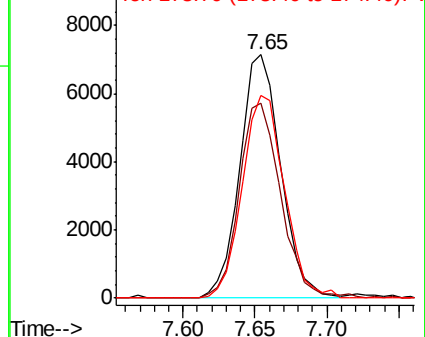
174 85.5 71.0 106.4

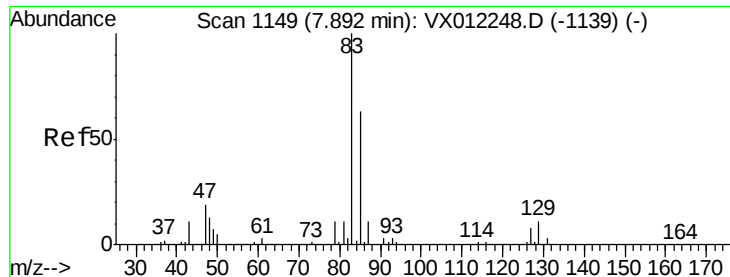


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.757 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS01

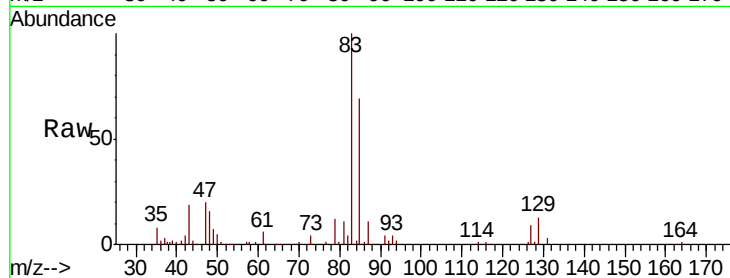
Tgt Ion: 83 Resp: 34447

Ion Ratio Lower Upper

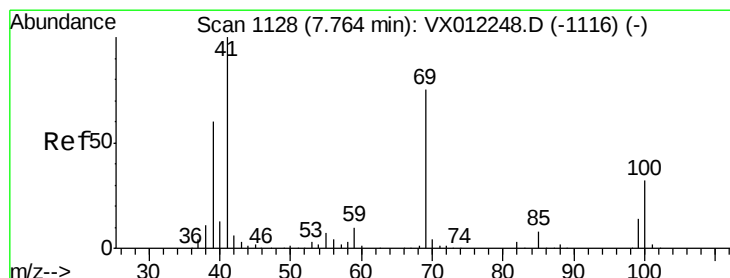
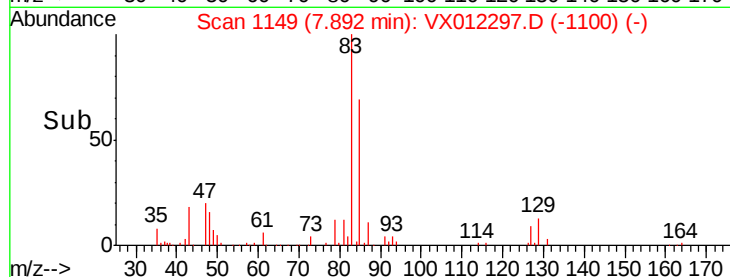
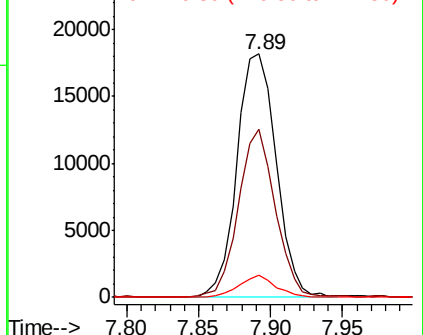
83 100

85 69.1 50.2 75.4

127 9.2 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: 24.695 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

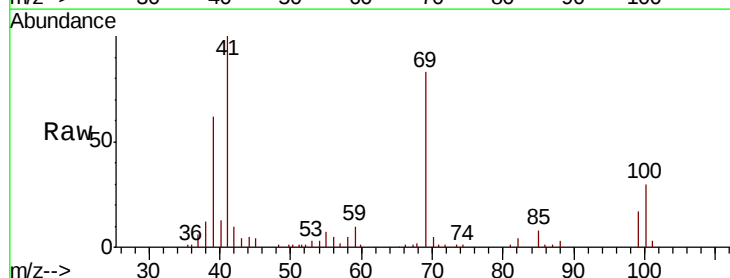
Tgt Ion: 41 Resp: 20461

Ion Ratio Lower Upper

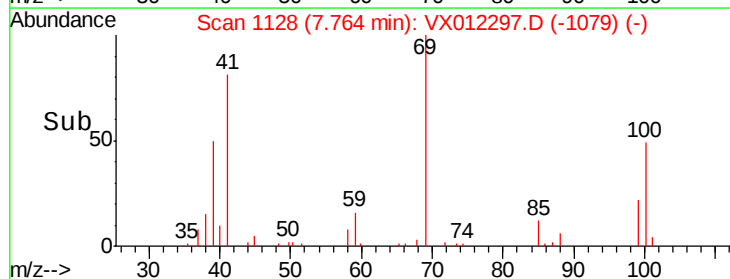
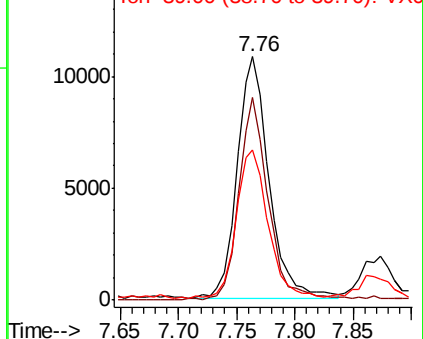
41 100

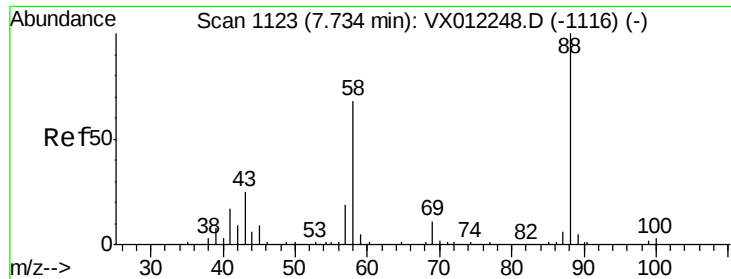
69 78.4 61.8 92.6

39 61.0 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

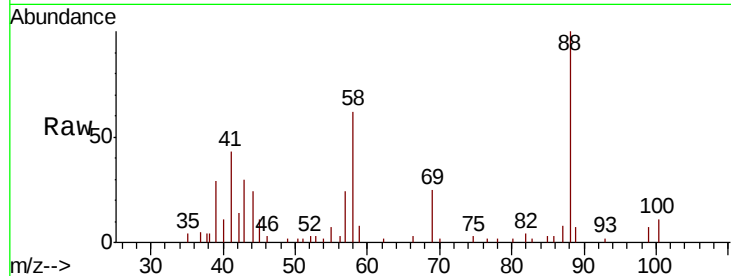




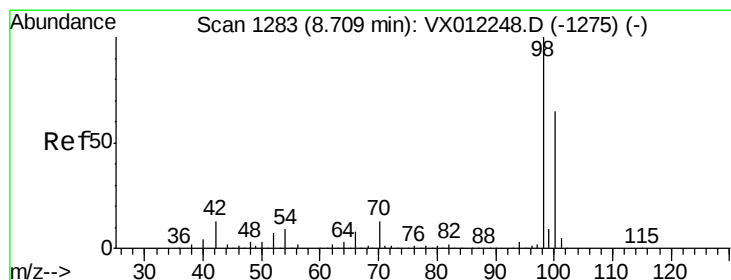
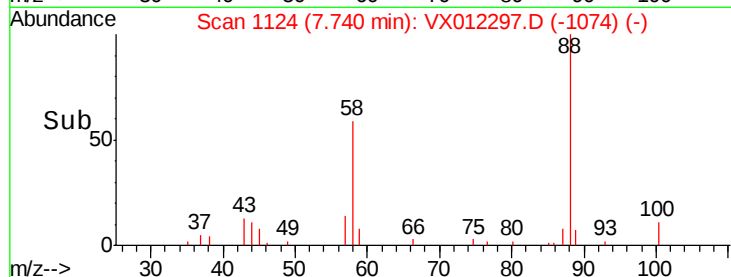
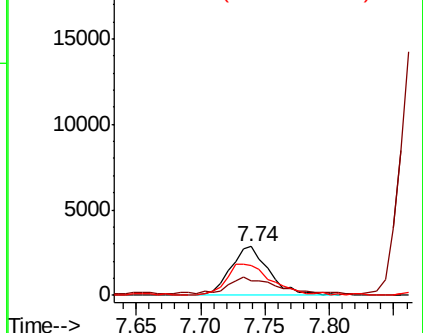
#49
1,4-Dioxane
Concen: 528.343 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

Tgt Ion: 88 Resp: 5907
Ion Ratio Lower Upper
88 100
43 44.1 31.0 46.4
58 75.2 61.5 92.3

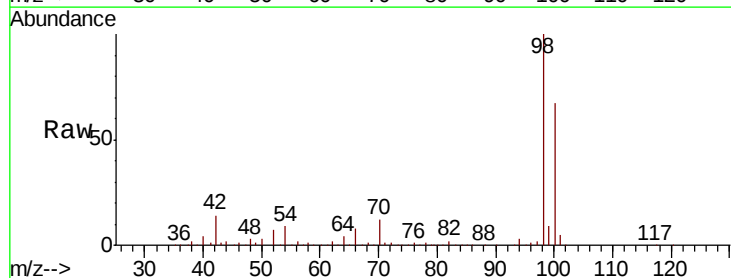


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

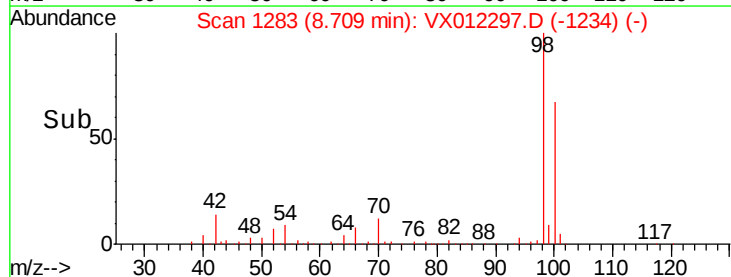
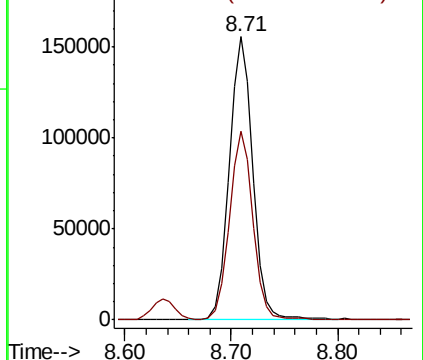


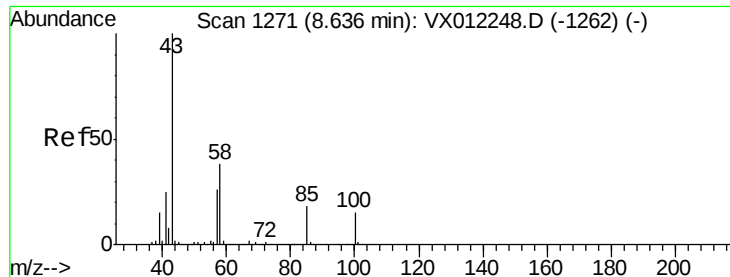
#50
Toluene-d8
Concen: 58.813 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 98 Resp: 240863
Ion Ratio Lower Upper
98 100
100 66.2 54.1 81.1



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

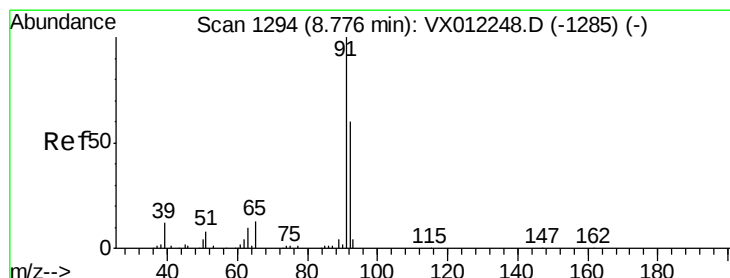
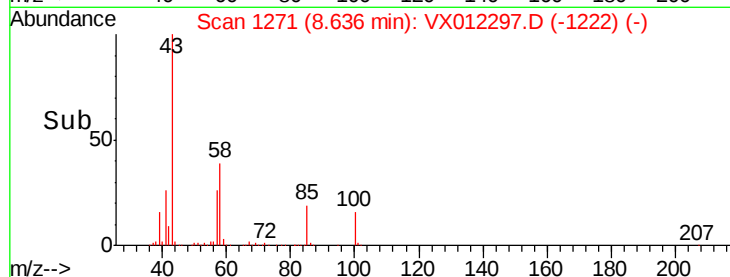
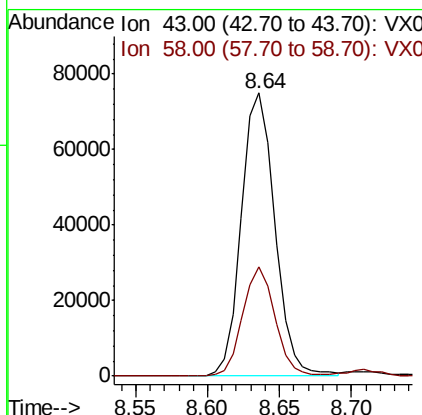
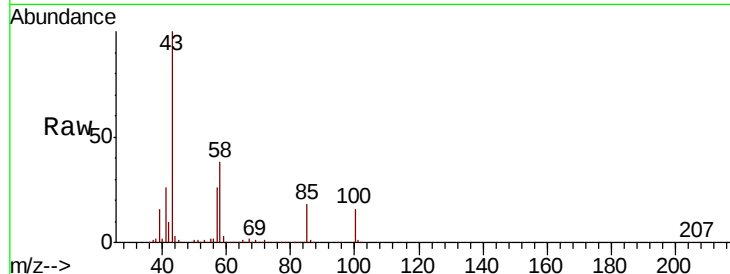




#51
 4-Methyl-2-Pentanone
 Concen: 132.258 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

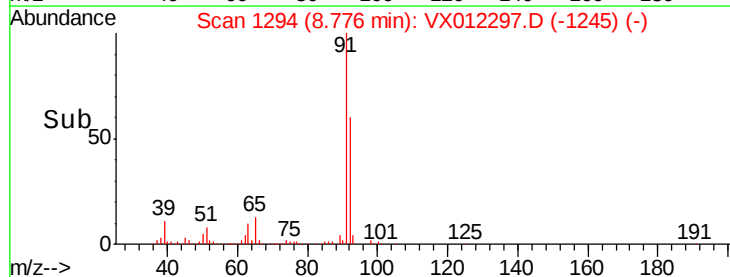
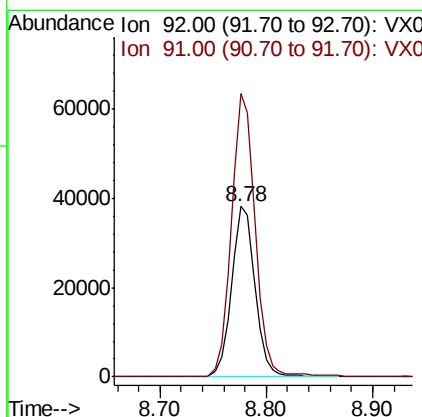
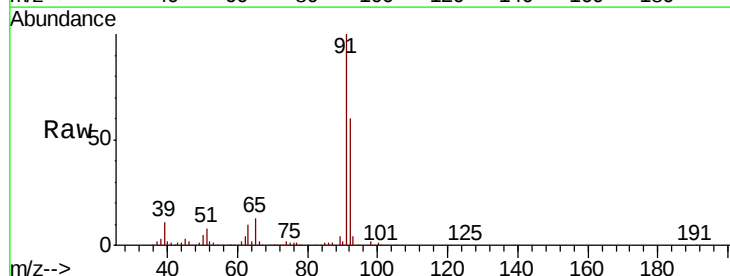
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

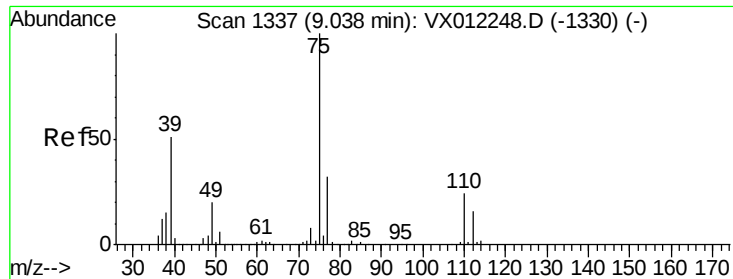
Tgt Ion: 43 Resp: 120827
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.1 45.1



#52
 Toluene
 Concen: 22.409 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion: 92 Resp: 59500
 Ion Ratio Lower Upper
 92 100
 91 168.5 133.6 200.4

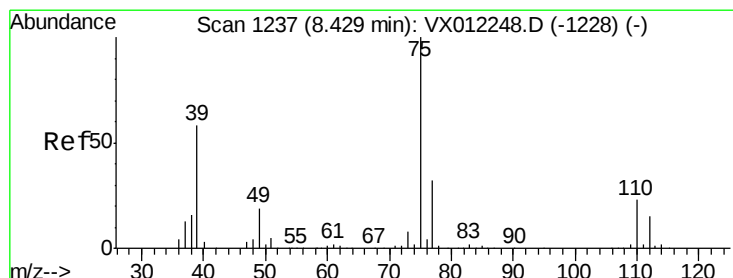
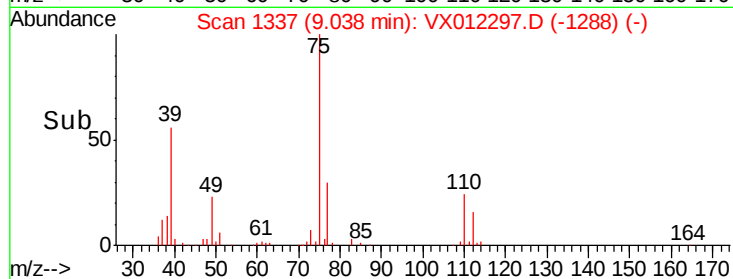
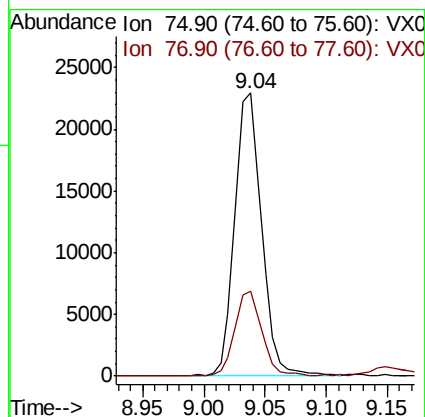
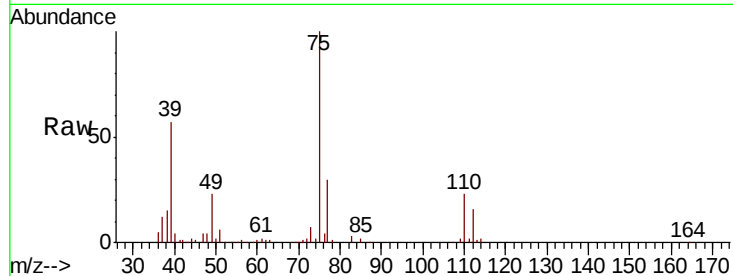




#53
 t-1,3-Dichloropropene
 Concen: 21.042 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

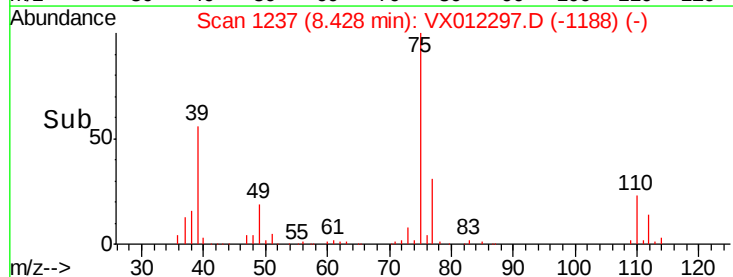
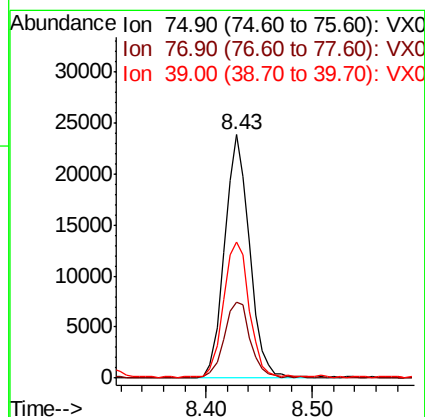
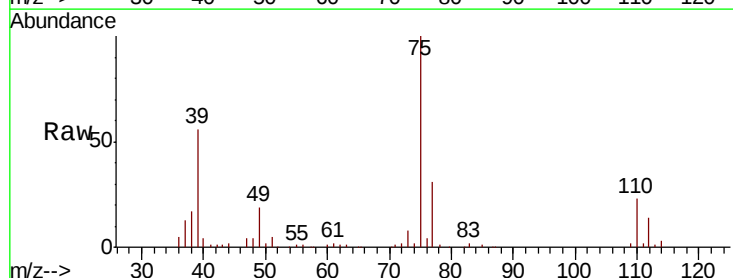
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0911SBSD01

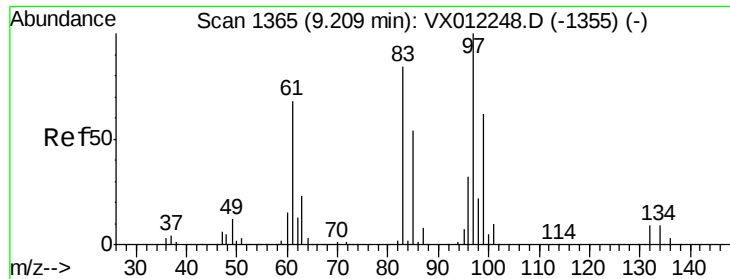
Tgt Ion: 75 Resp: 34854
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.376 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion: 75 Resp: 39262
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2
 39 55.3 46.5 69.7

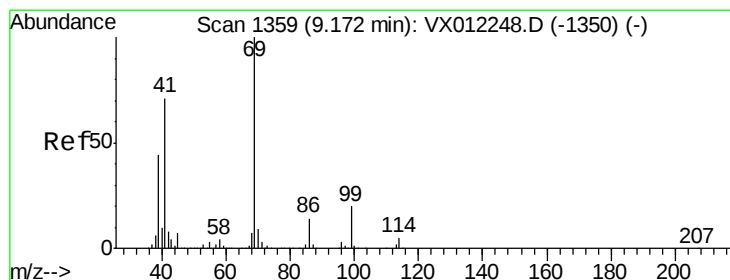
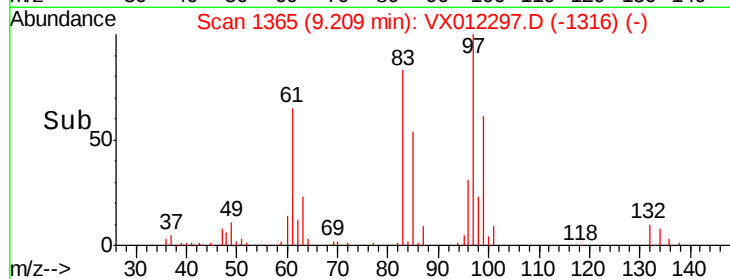
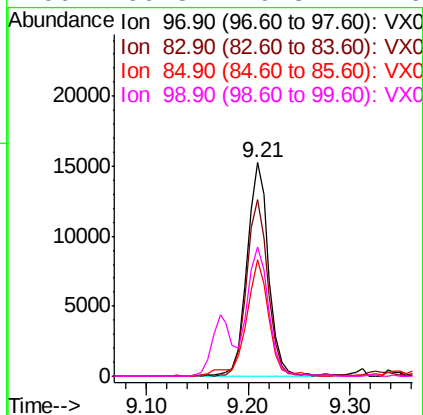
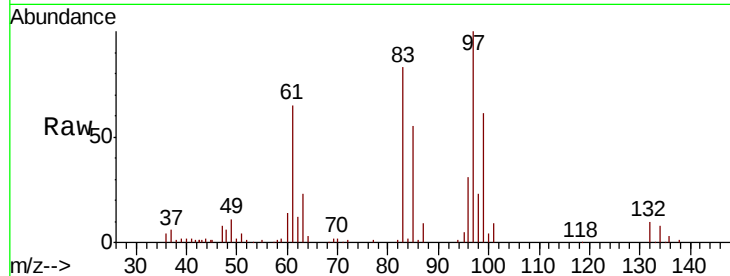




#55
 1,1,2-Trichloroethane
 Concen: 23.929 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

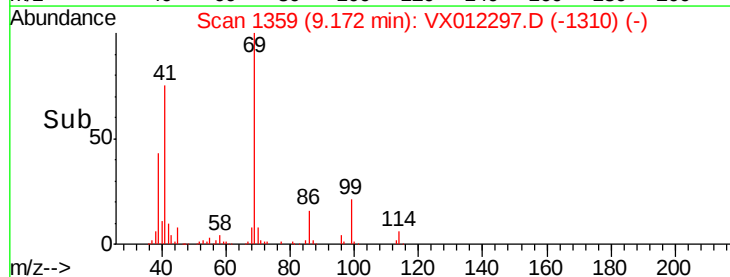
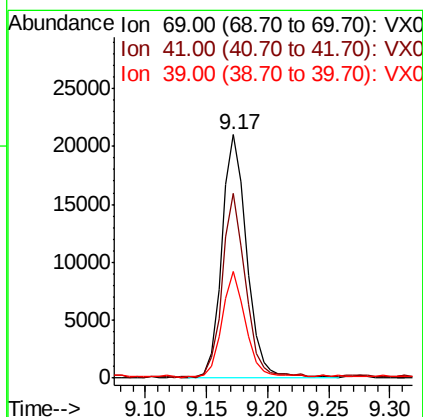
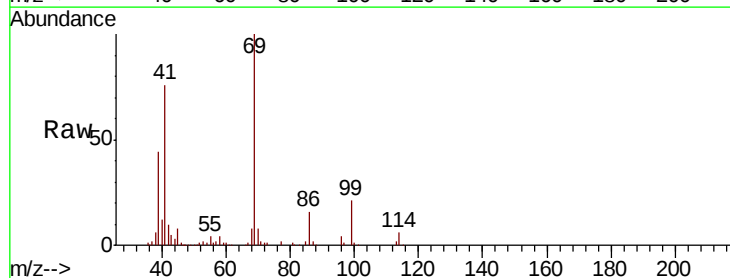
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

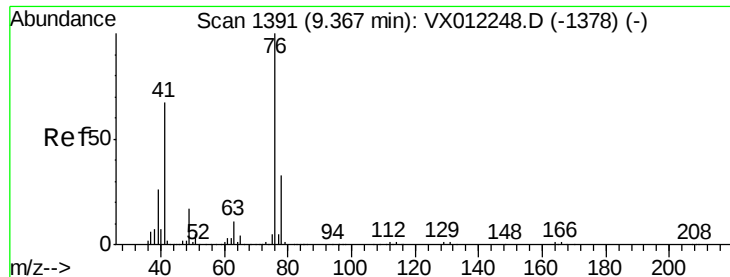
Tgt Ion: 97 Resp: 22544
 Ion Ratio Lower Upper
 97 100
 83 82.7 67.4 101.2
 85 54.6 43.4 65.2
 99 60.8 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 23.386 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion: 69 Resp: 29832
 Ion Ratio Lower Upper
 69 100
 41 70.4 57.7 86.5
 39 41.1 34.0 51.0





#57

1,3-Dichloropropane

Concen: 23.323 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

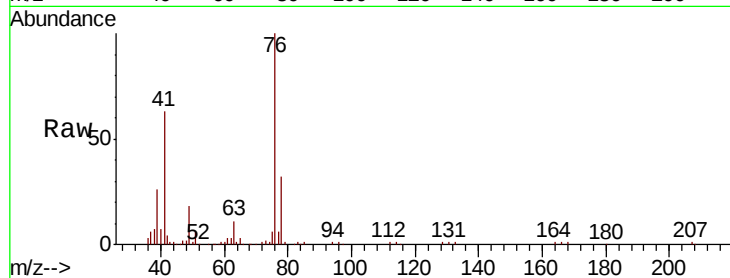
VX0911SBS01

Tgt Ion: 76 Resp: 37529

Ion Ratio Lower Upper

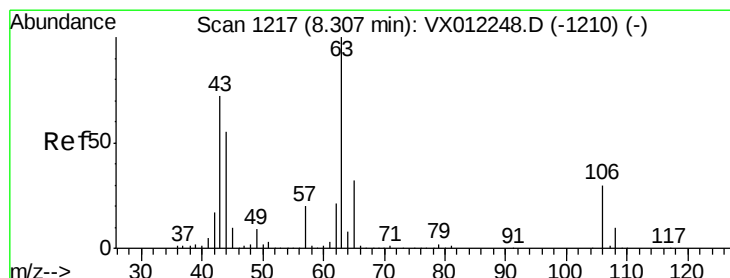
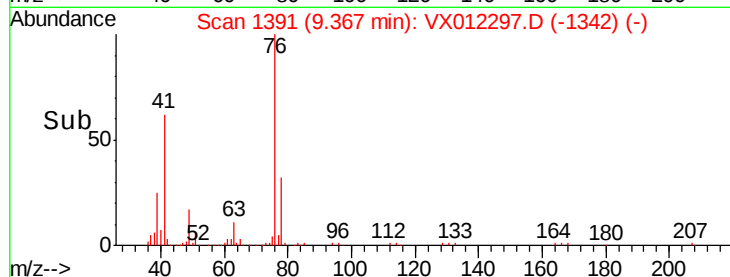
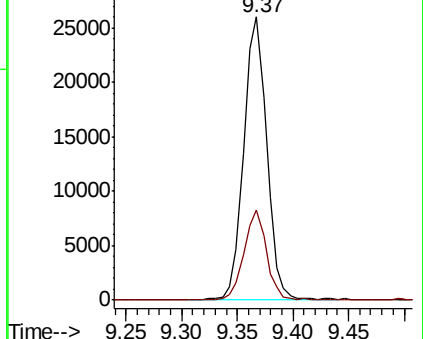
76 100

78 31.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 120.688 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012297.D

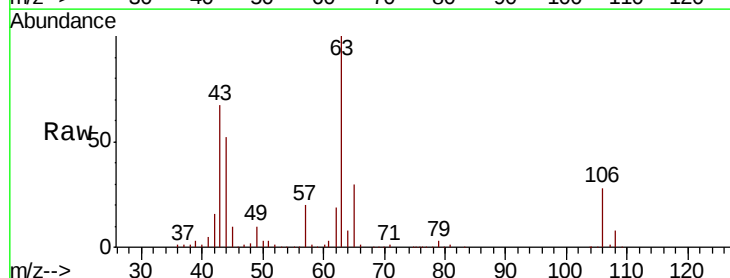
Acq: 11 Sep 2019 12:49

Tgt Ion: 63 Resp: 78905

Ion Ratio Lower Upper

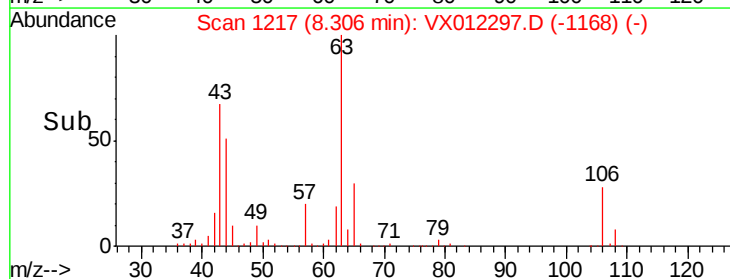
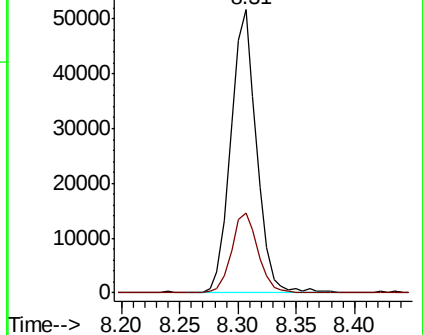
63 100

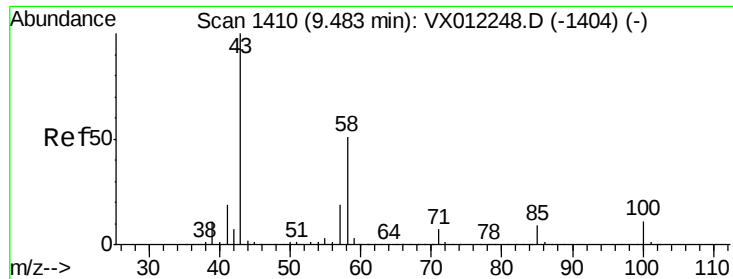
106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

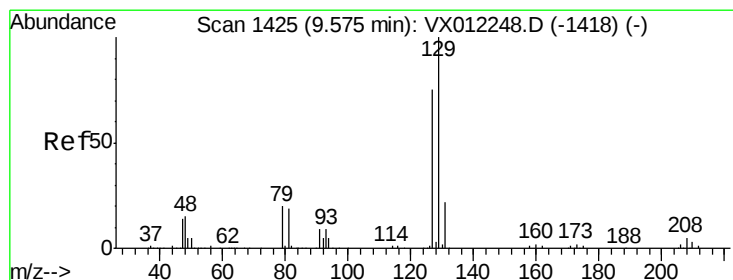
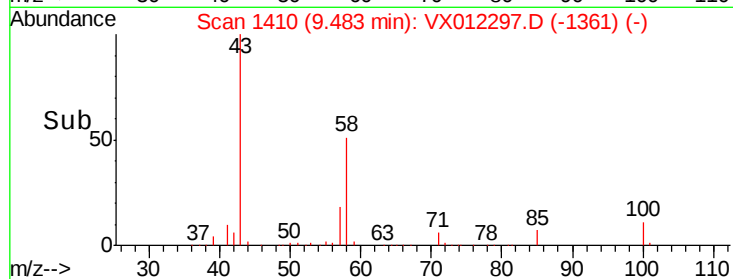
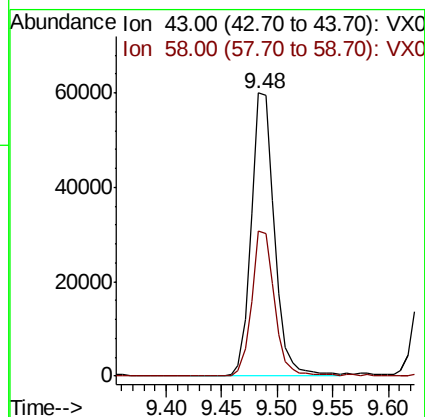
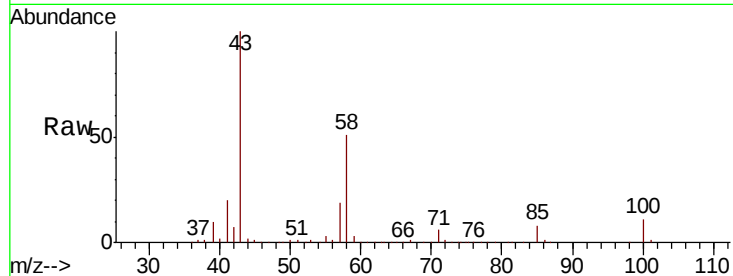




#59
 2-Hexanone
 Concen: 136.457 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

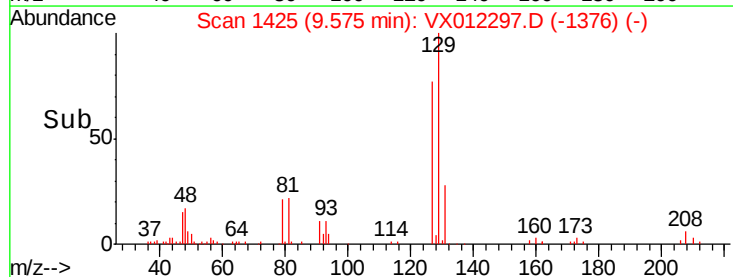
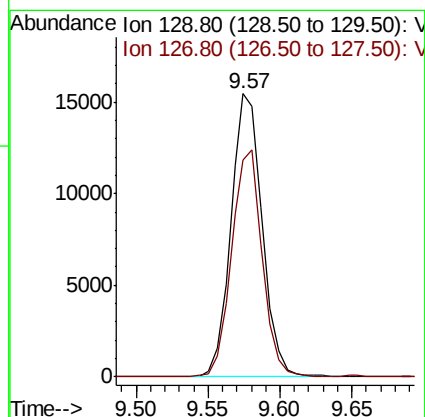
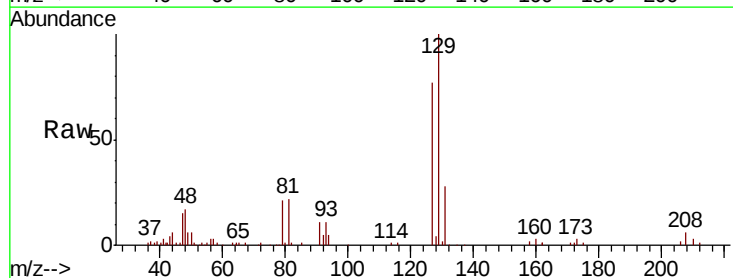
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

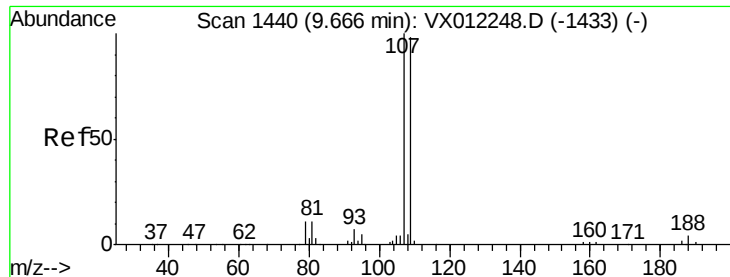
Tgt Ion: 43 Resp: 86679
 Ion Ratio Lower Upper
 43 100
 58 50.2 25.8 77.3



#60
 Dibromochloromethane
 Concen: 21.227 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion: 129 Resp: 23347
 Ion Ratio Lower Upper
 129 100
 127 78.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 23.824 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

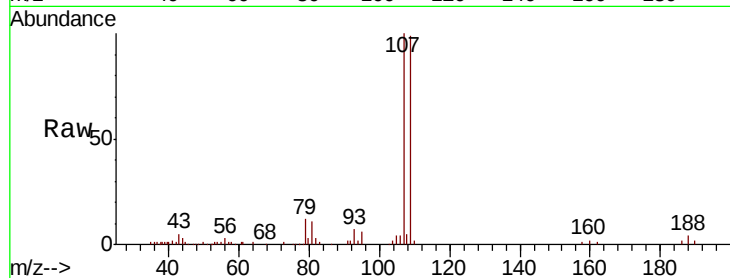
VX0911SBS01

Tgt Ion: 107 Resp: 20893

Ion Ratio Lower Upper

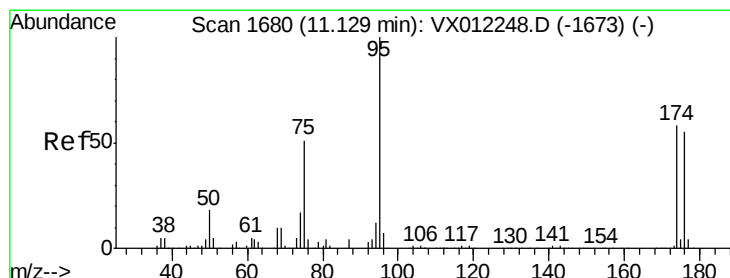
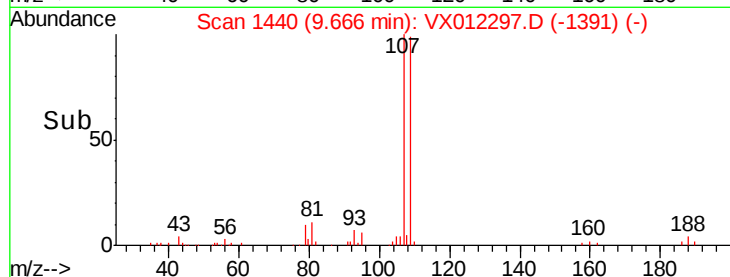
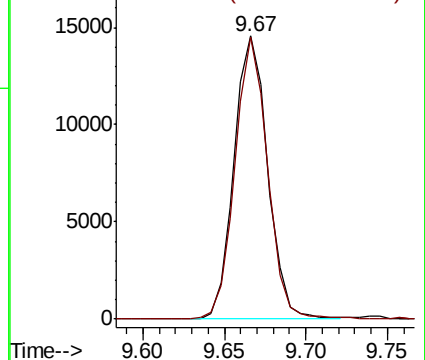
107 100

109 96.2 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.698 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

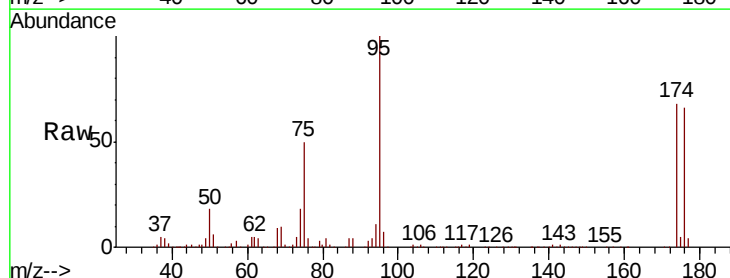
Tgt Ion: 95 Resp: 101952

Ion Ratio Lower Upper

95 100

174 64.9 0.0 127.0

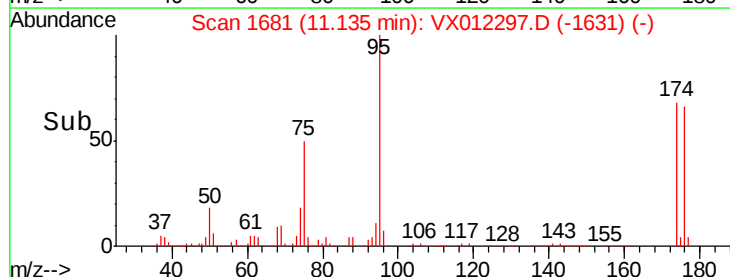
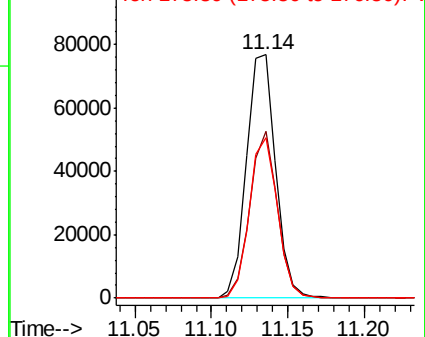
176 64.1 0.0 125.8

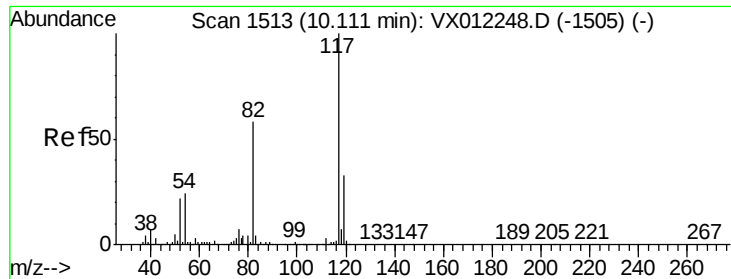


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

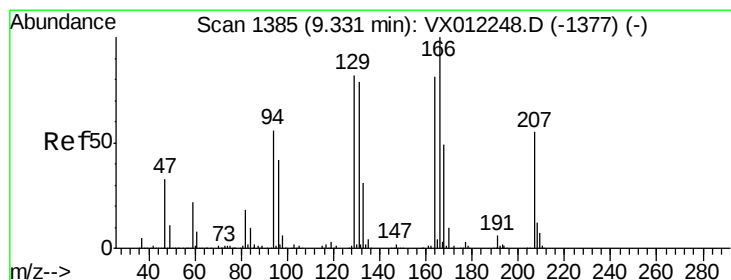
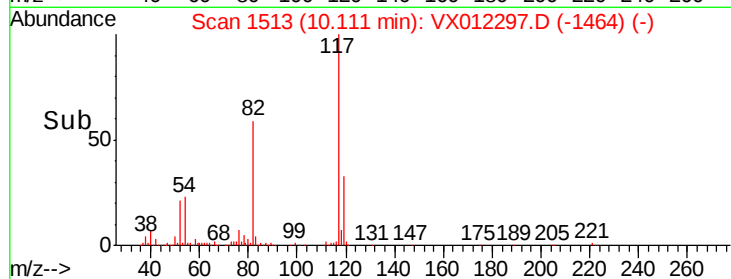
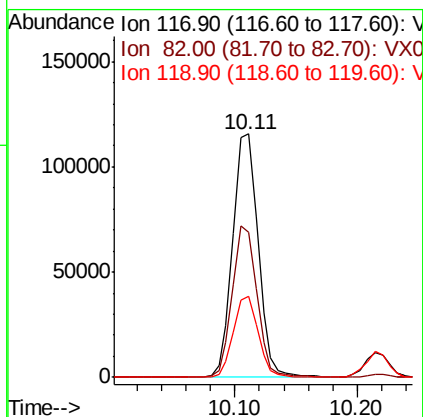
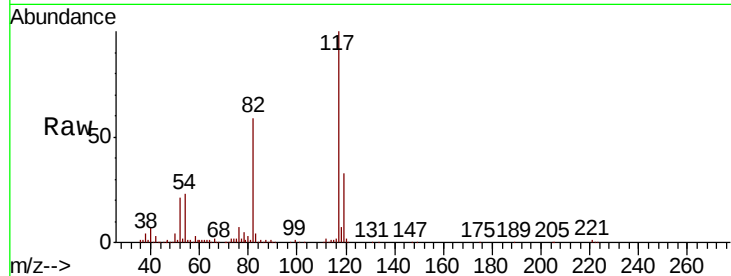




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

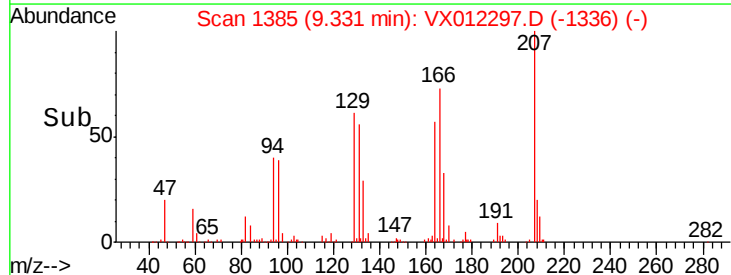
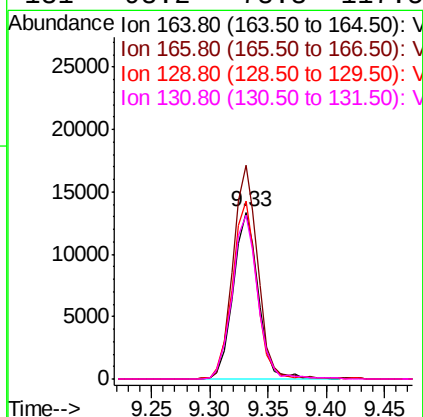
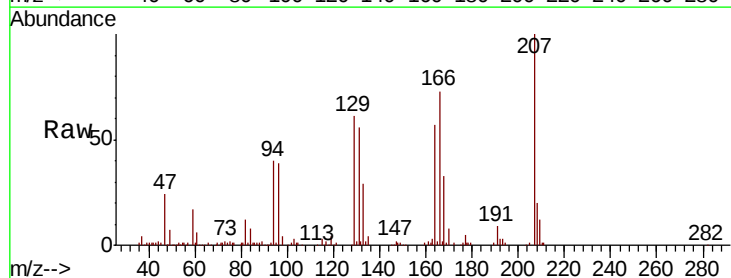
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

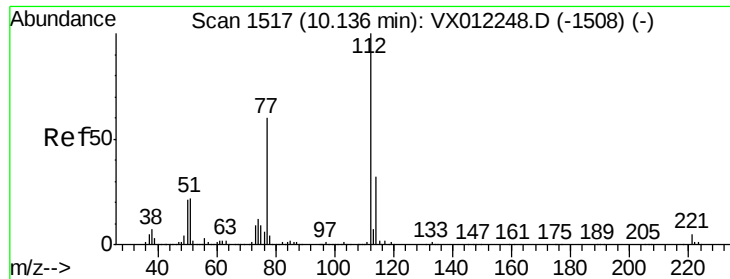
Tgt Ion:117 Resp: 166244
Ion Ratio Lower Upper
117 100
82 59.4 46.4 69.6
119 33.2 26.6 39.8



#64
Tetrachloroethene
Concen: 22.658 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion:164 Resp: 19921
Ion Ratio Lower Upper
164 100
166 127.9 99.4 149.0
129 106.5 81.8 122.8
131 98.2 78.3 117.5

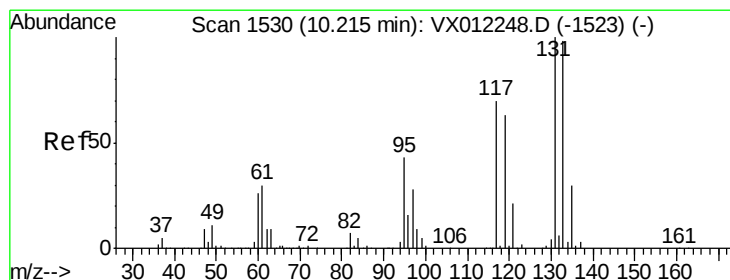
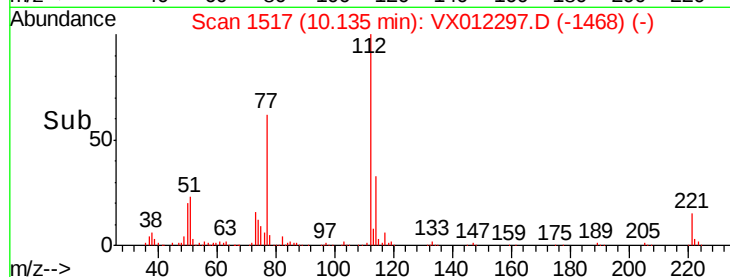
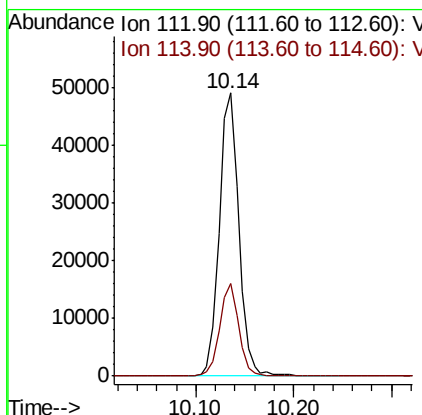
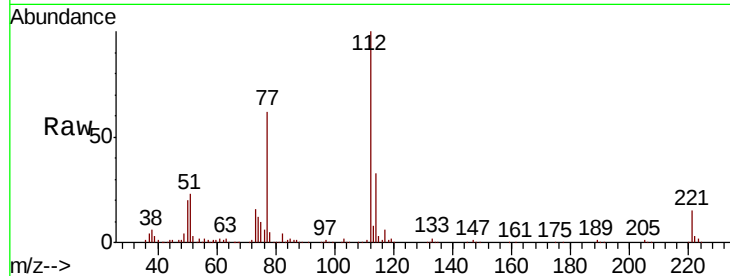




#65
Chlorobenzene
Concen: 22.475 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

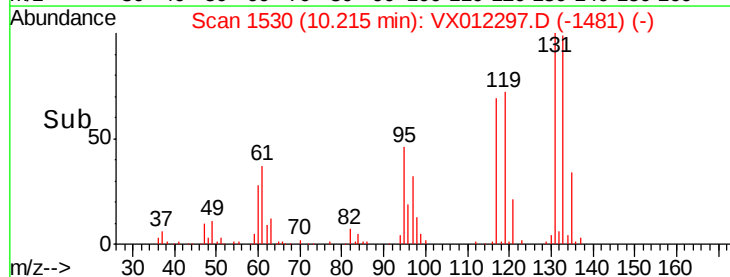
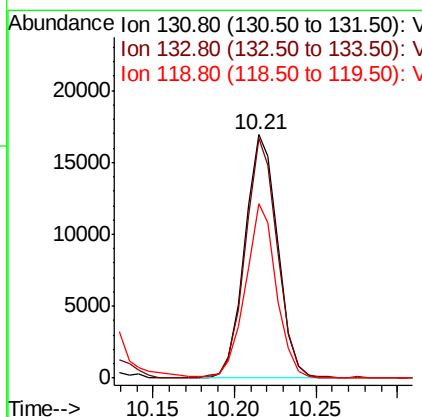
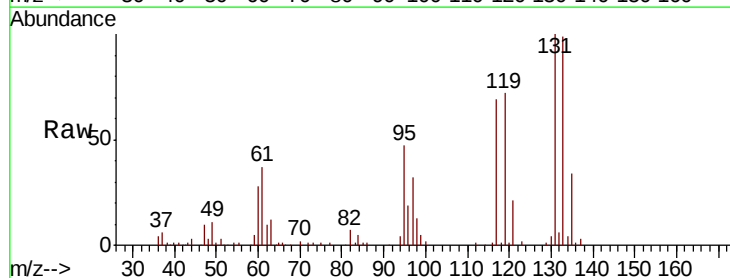
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

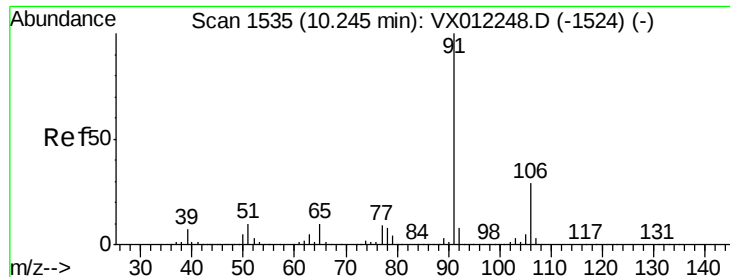
Tgt Ion:112 Resp: 68269
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.636 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion:131 Resp: 23630
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.2
119 68.2 31.6 95.0





#67

Ethyl Benzene

Concen: 22.355 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

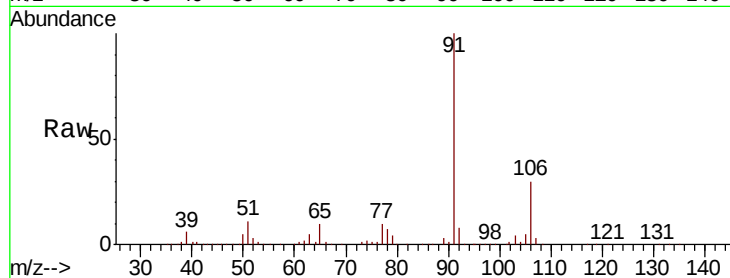
VX0911SBS01

Tgt Ion: 91 Resp: 120774

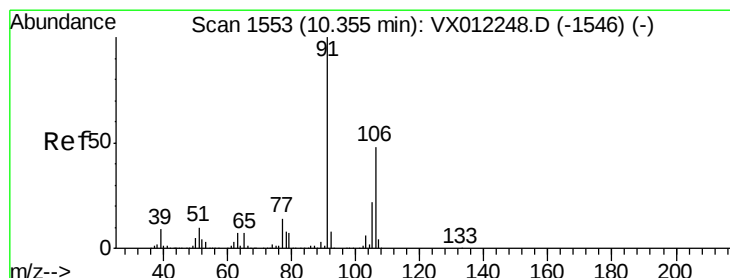
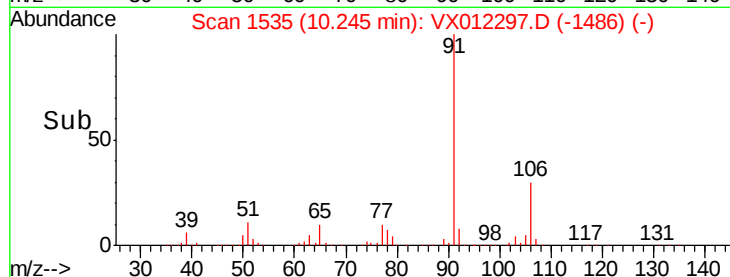
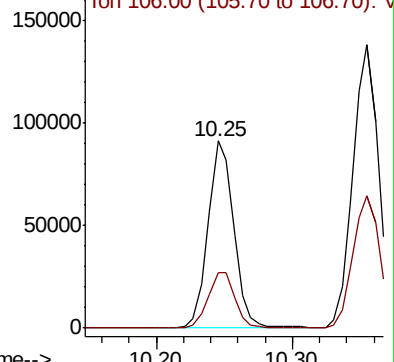
Ion Ratio Lower Upper

91 100

106 29.7 23.1 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0



#68

m/p-Xylenes

Concen: 45.893 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012297.D

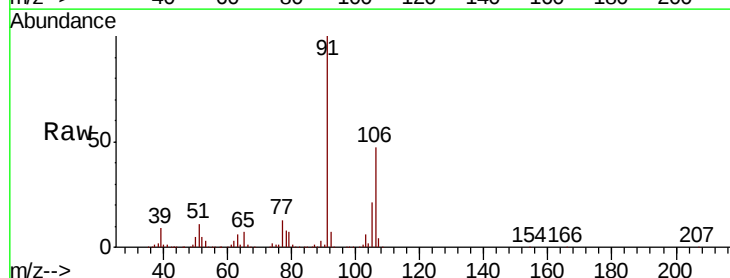
Acq: 11 Sep 2019 12:49

Tgt Ion: 106 Resp: 91269

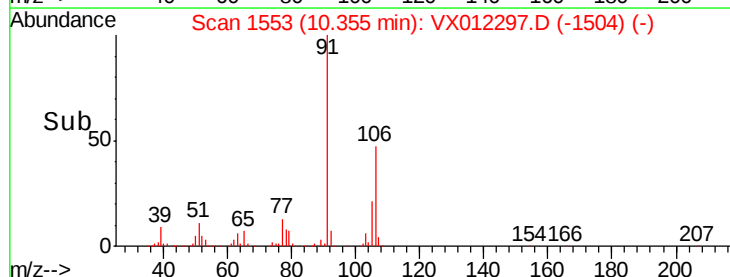
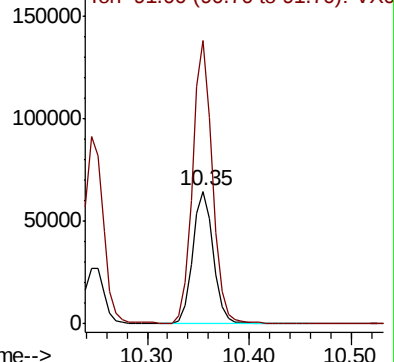
Ion Ratio Lower Upper

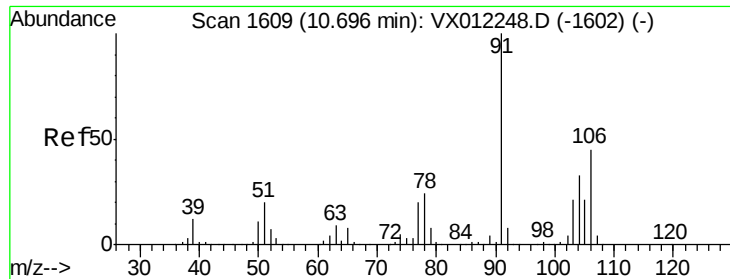
106 100

91 205.1 167.0 250.6



Abundance Ion 106.00 (105.70 to 106.70): V

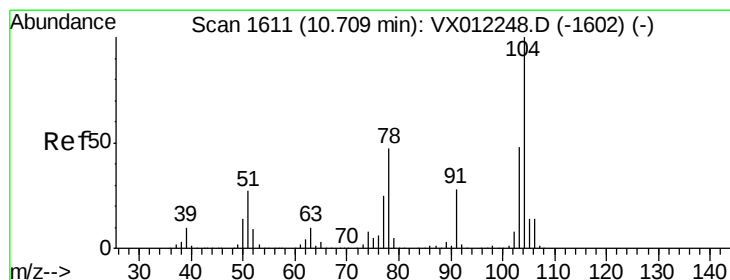
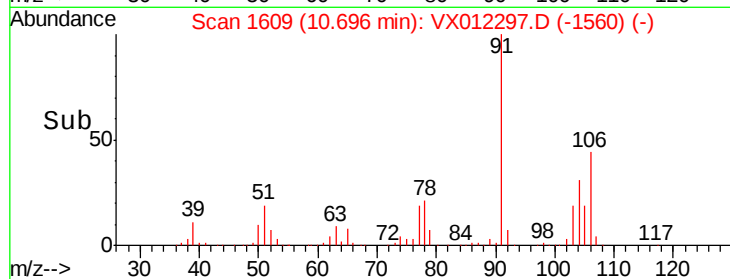
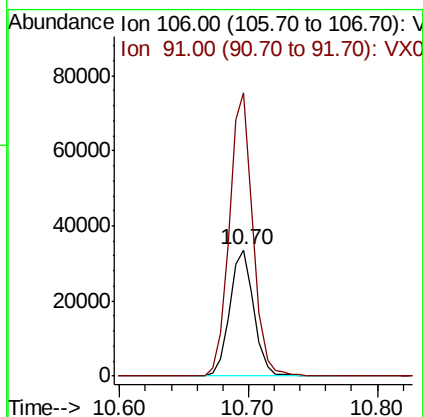
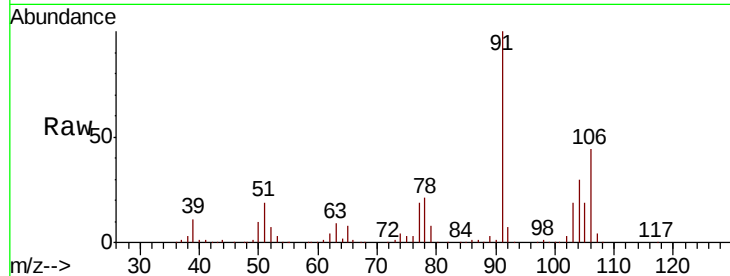




#69
o-Xylene
Concen: 22.528 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

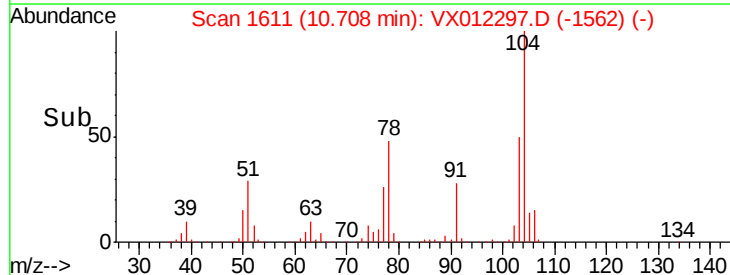
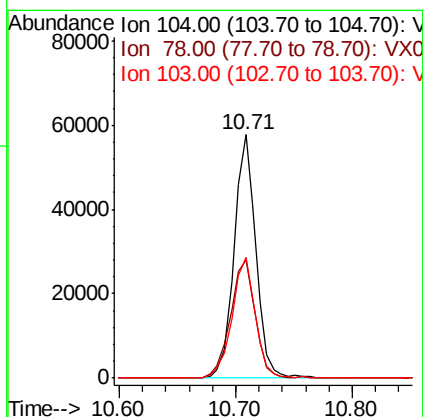
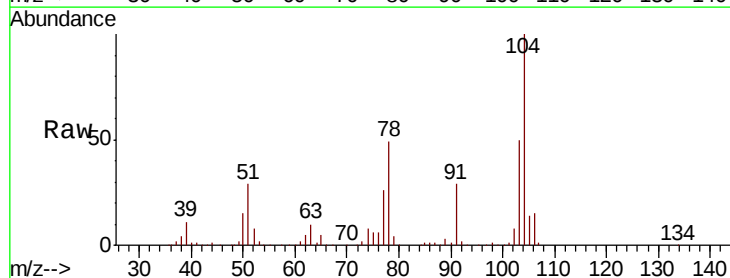
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBSD01

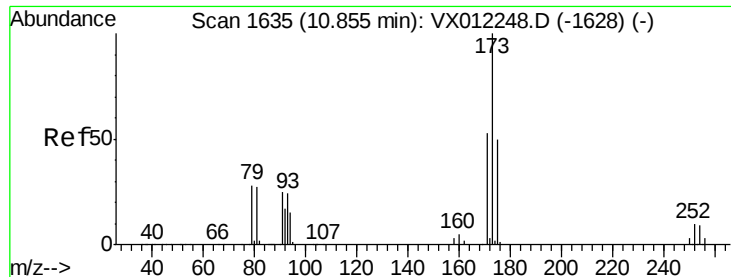
Tgt Ion:106 Resp: 43890
Ion Ratio Lower Upper
106 100
91 220.5 110.5 331.4



#70
Styrene
Concen: 21.817 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion:104 Resp: 75381
Ion Ratio Lower Upper
104 100
78 55.0 44.2 66.2
103 53.2 42.5 63.7





#71

Bromoform

Concen: 22.727 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

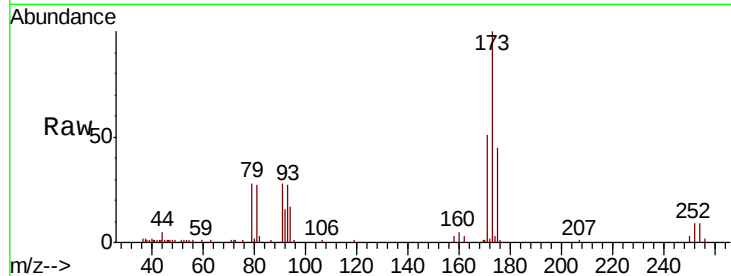
Tgt Ion:173 Resp: 13495

Ion Ratio Lower Upper

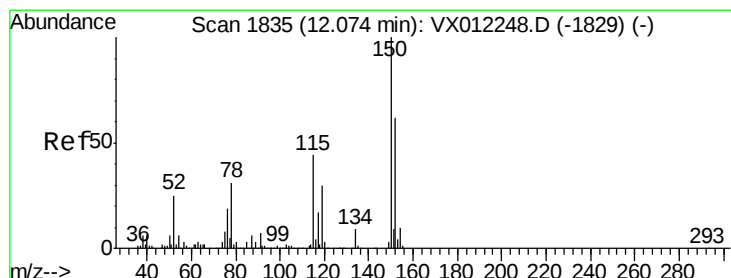
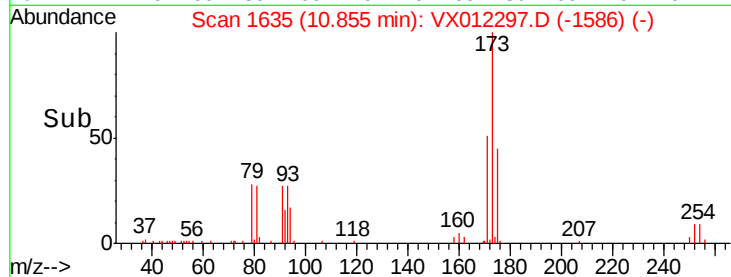
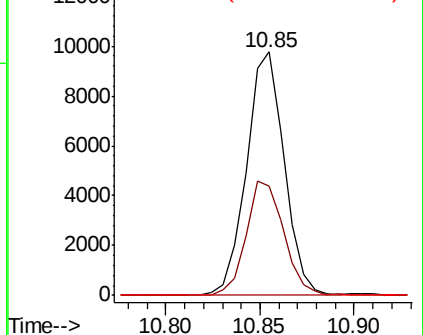
173 100

175 47.0 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: VX012297.D

Acq: 11 Sep 2019 12:49

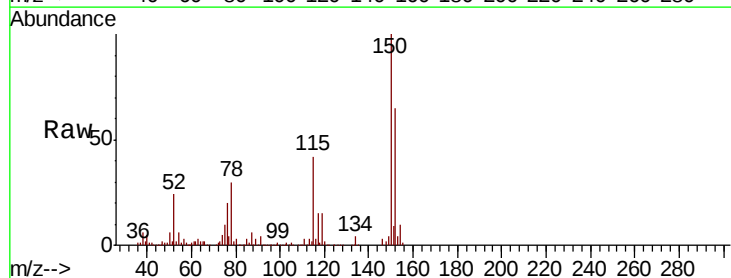
Tgt Ion:152 Resp: 84953

Ion Ratio Lower Upper

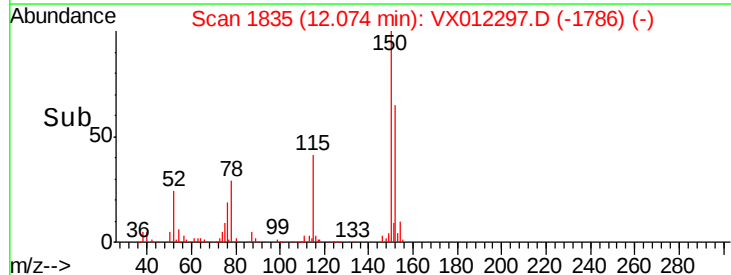
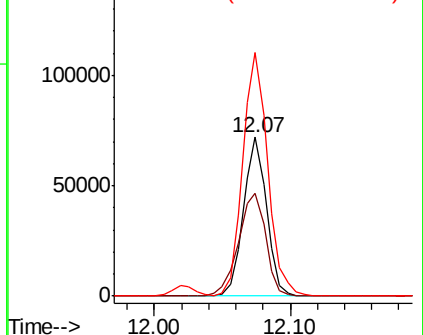
152 100

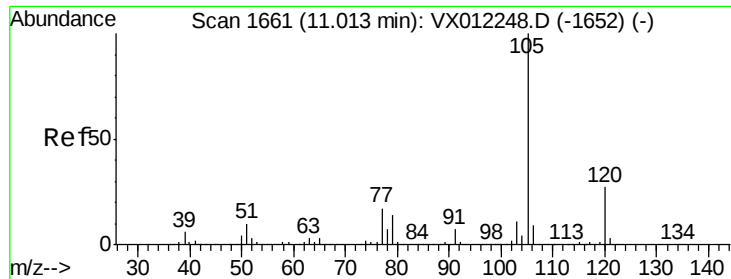
115 76.6 45.5 136.4

150 165.8 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: 21.729 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

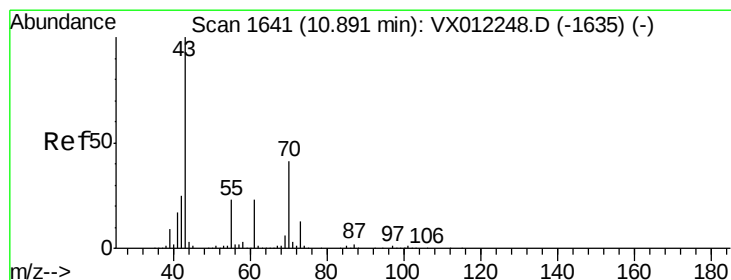
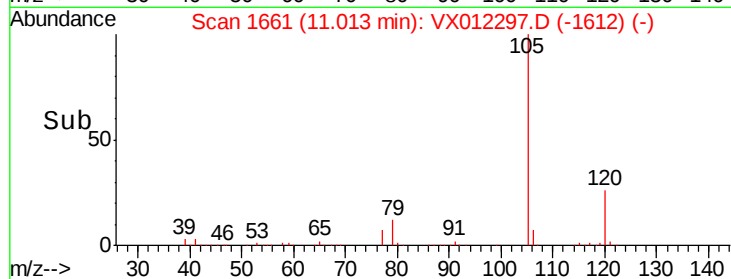
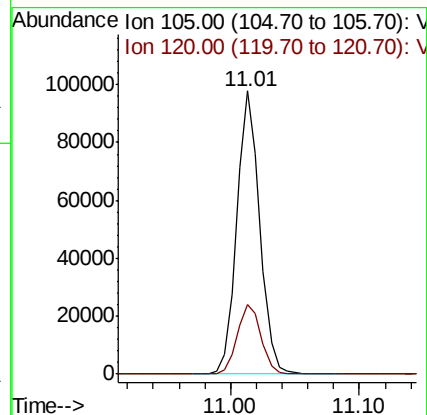
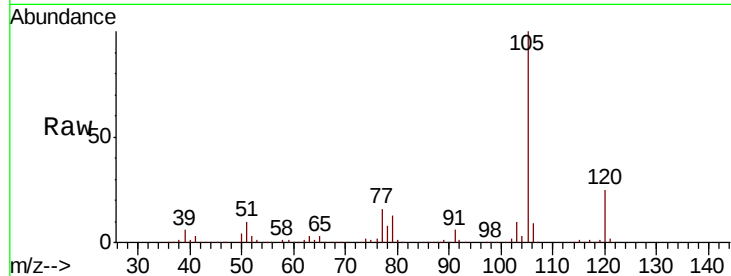
VX0911SBS01

Tgt Ion: 105 Resp: 121526

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



#74

N-ethyl acetate

Concen: 23.308 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Tgt Ion: 43 Resp: 38759

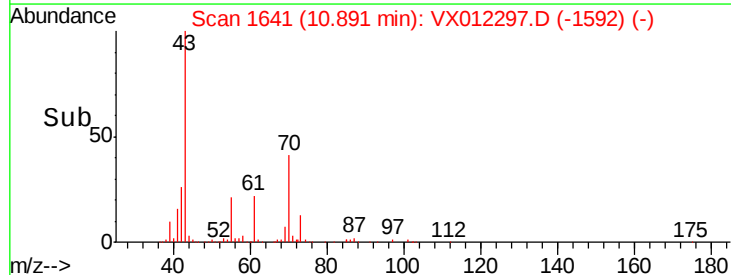
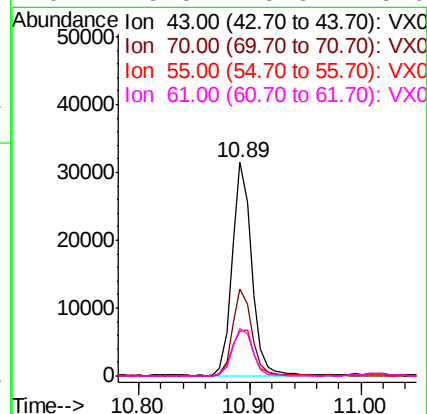
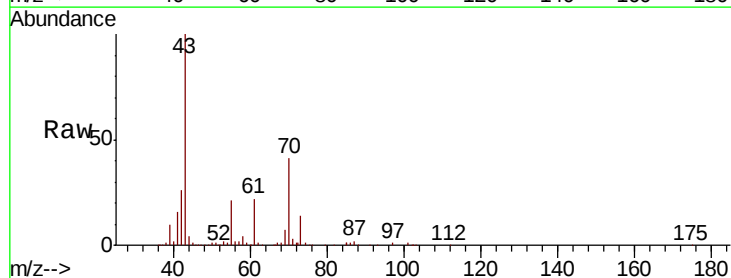
Ion Ratio Lower Upper

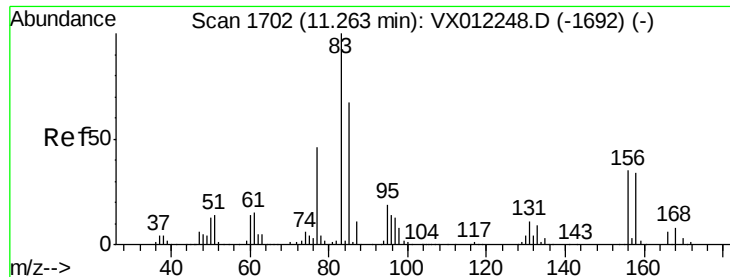
43 100

70 40.5 32.9 49.3

55 24.8 19.1 28.7

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.530 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS01

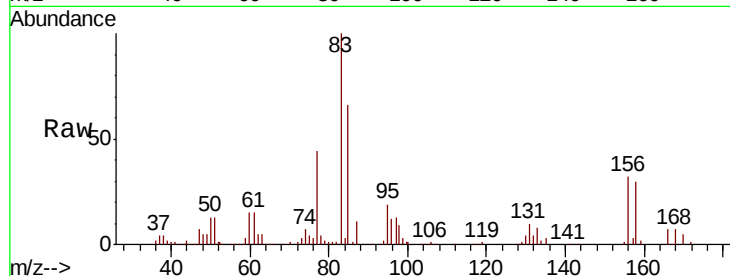
Tgt Ion: 83 Resp: 29463

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

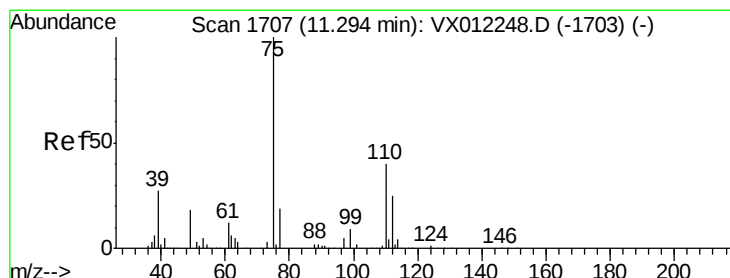
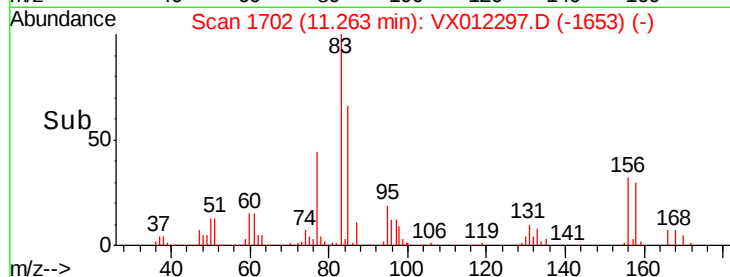
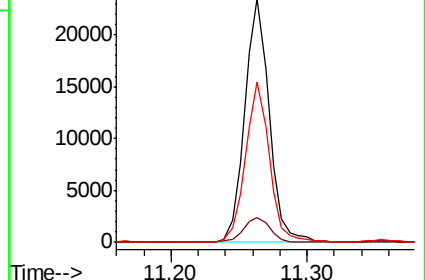
85 64.6 32.8 98.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.749 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX012297.D

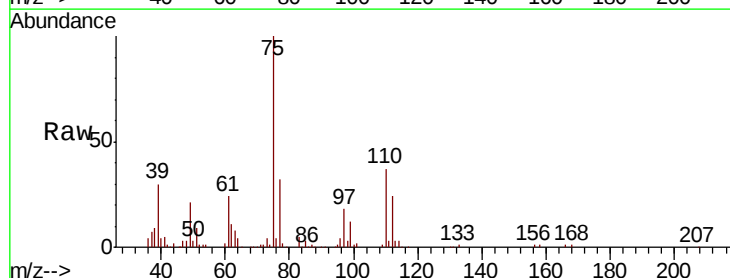
Acq: 11 Sep 2019 12:49

Tgt Ion: 75 Resp: 32466

Ion Ratio Lower Upper

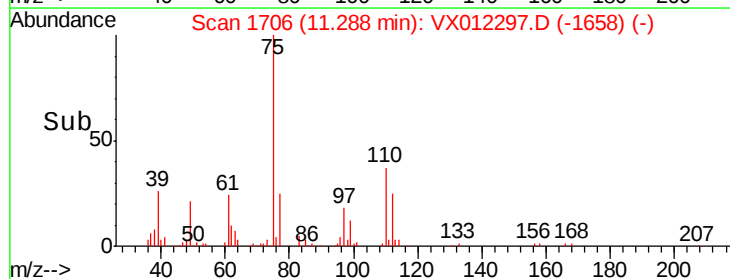
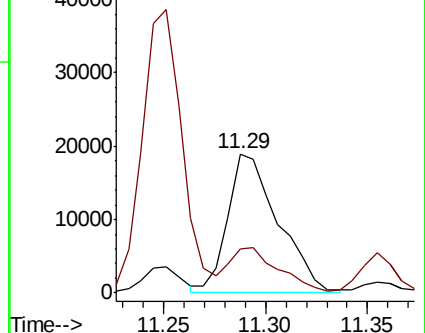
75 100

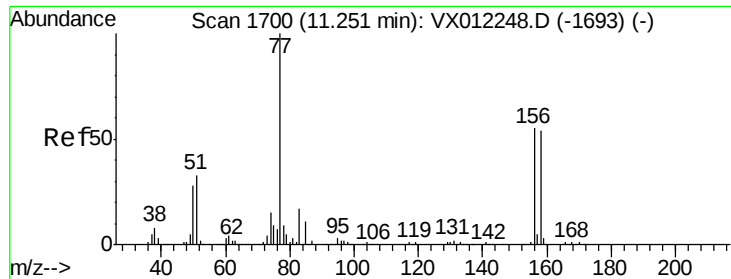
77 31.8 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

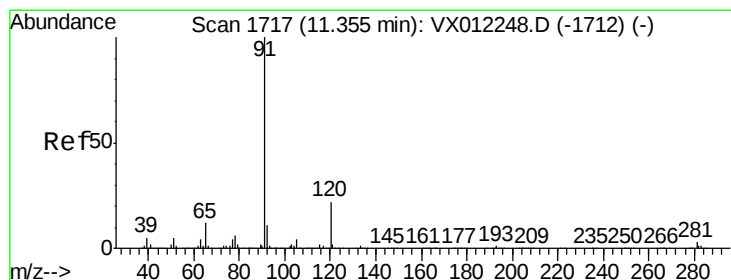
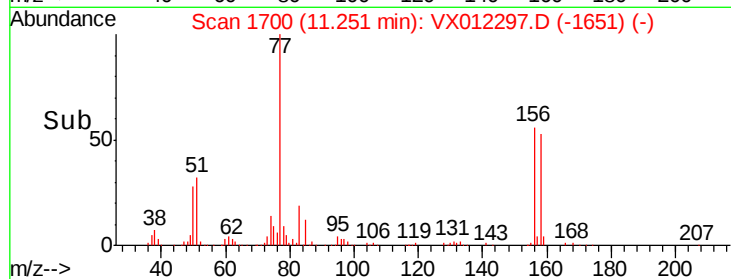
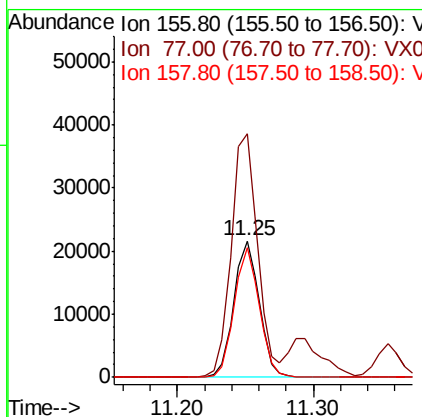
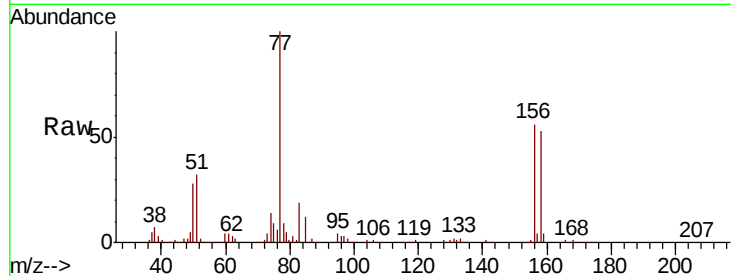




#77
Bromobenzene
Concen: 21.821 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

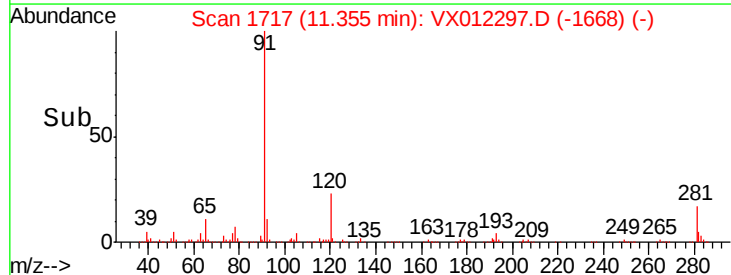
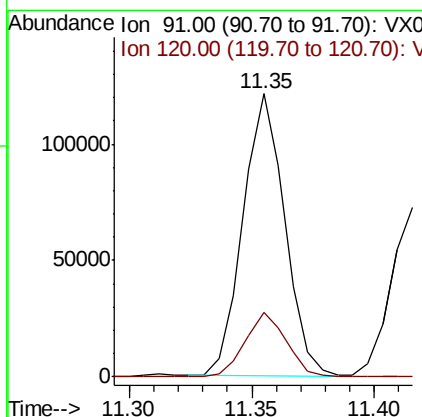
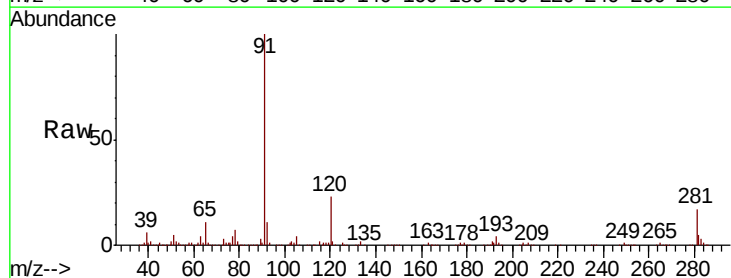
Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

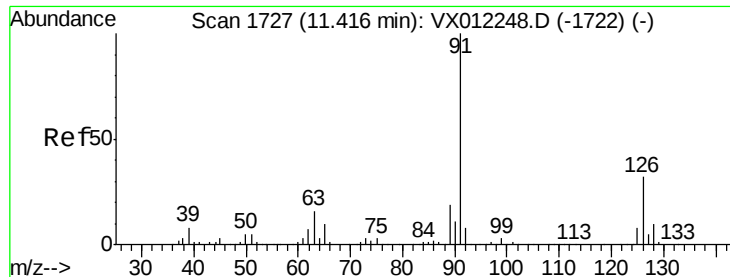
Tgt Ion:156 Resp: 28097
Ion Ratio Lower Upper
156 100
77 186.3 92.2 276.6
158 94.0 48.8 146.3



#78
n-propylbenzene
Concen: 21.339 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion: 91 Resp: 144119
Ion Ratio Lower Upper
91 100
120 22.8 11.2 33.6

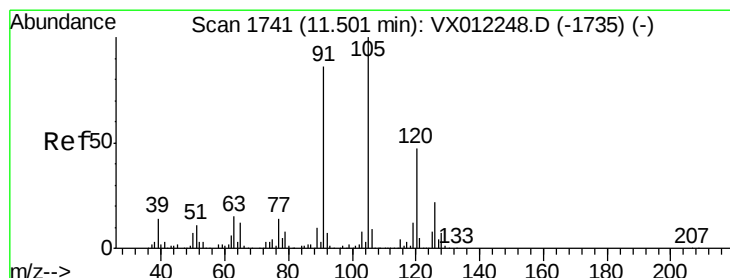
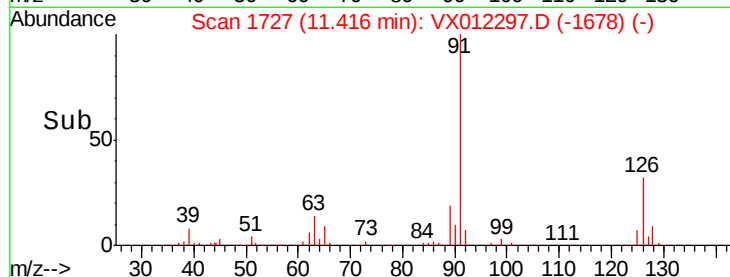
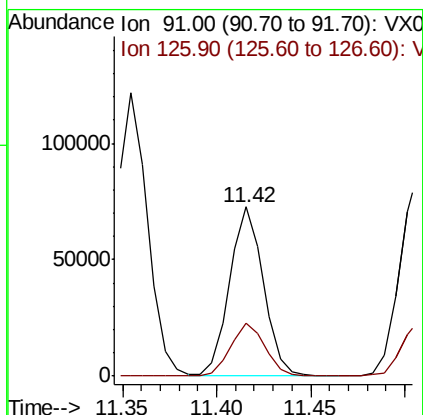
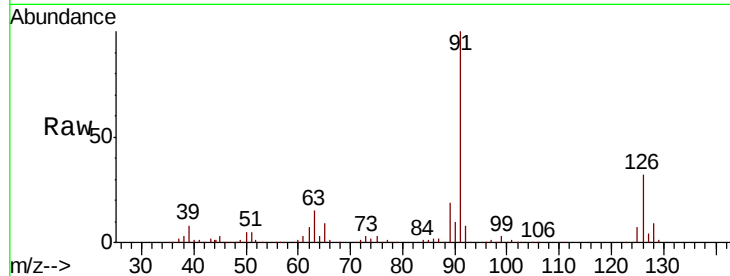




#79
 2-Chlorotoluene
 Concen: 21.410 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

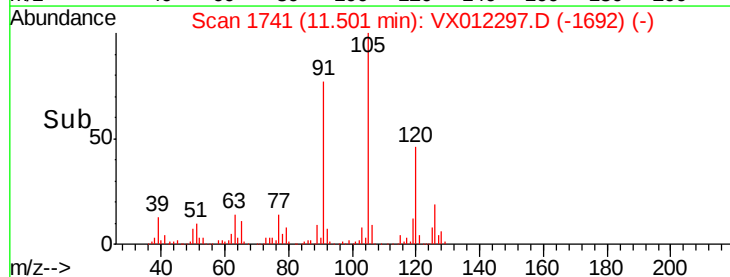
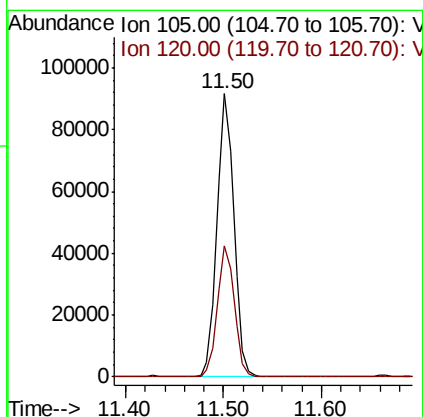
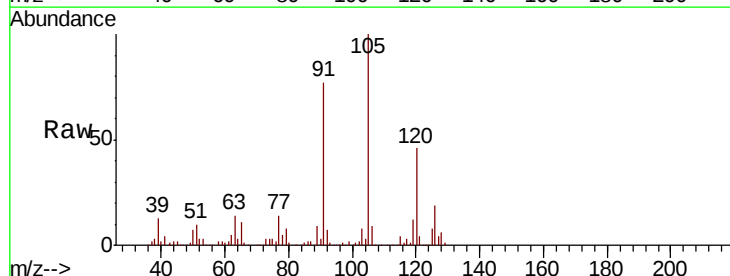
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

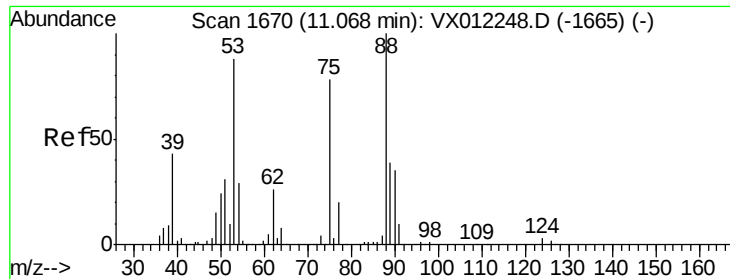
Tgt Ion: 91 Resp: 89585
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 22.001 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion: 105 Resp: 110653
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.459 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

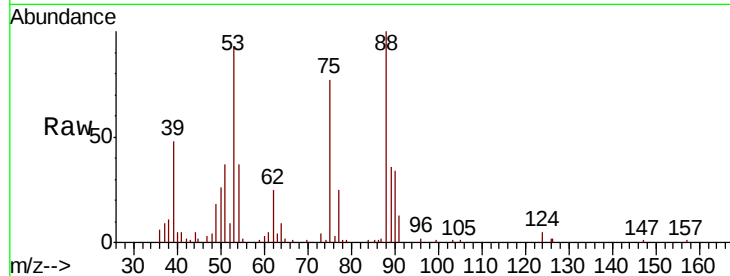
Tgt Ion: 75 Resp: 7452

Ion Ratio Lower Upper

75 100

53 126.9 88.1 132.1

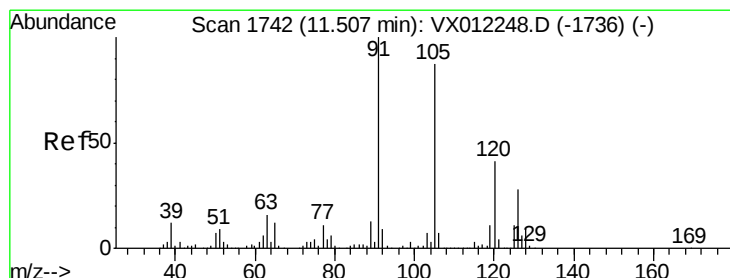
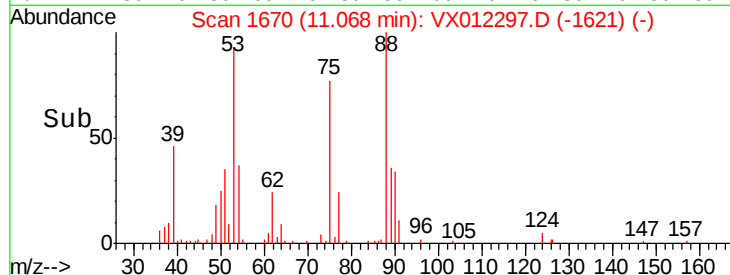
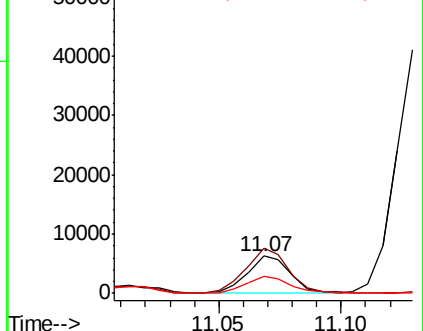
89 49.4 43.5 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.508 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012297.D

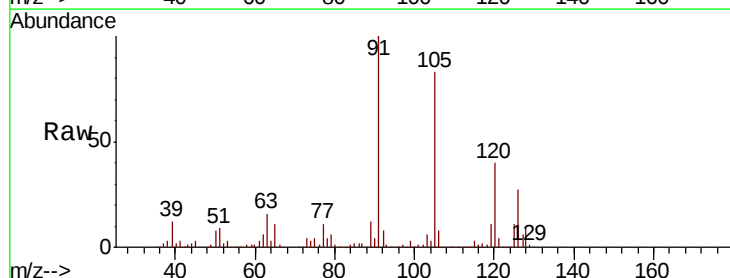
Acq: 11 Sep 2019 12:49

Tgt Ion: 91 Resp: 108154

Ion Ratio Lower Upper

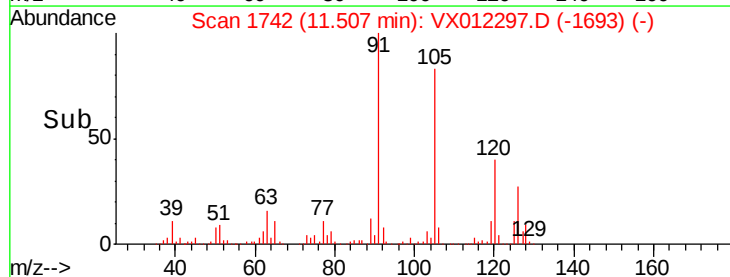
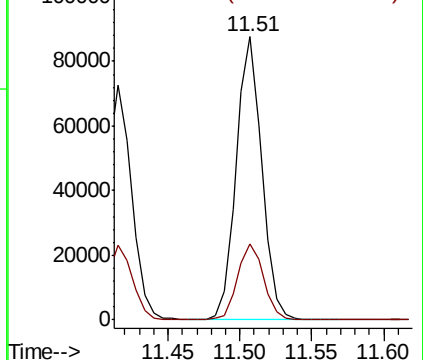
91 100

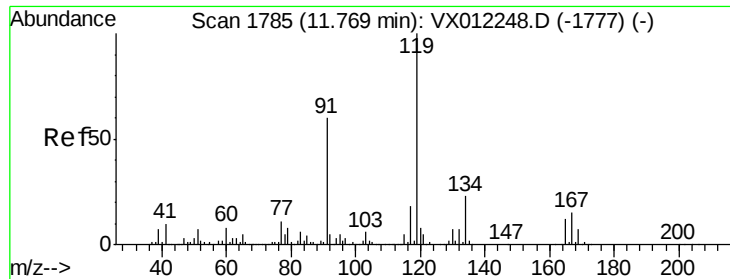
126 27.9 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

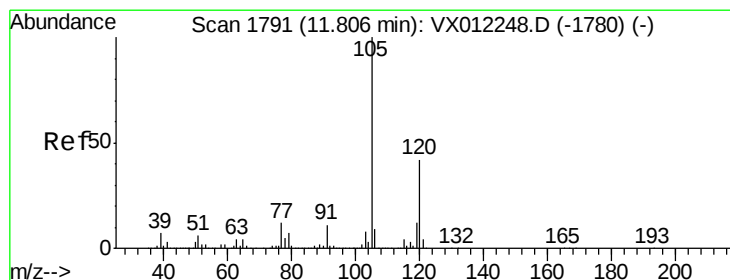
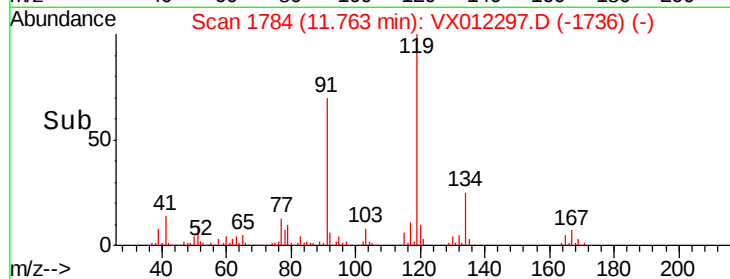
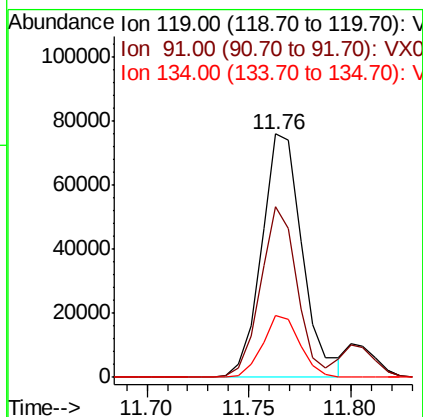
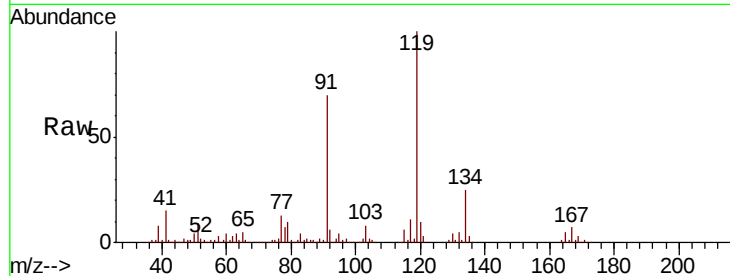




#83
 tert-Butylbenzene
 Concen: 21.553 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

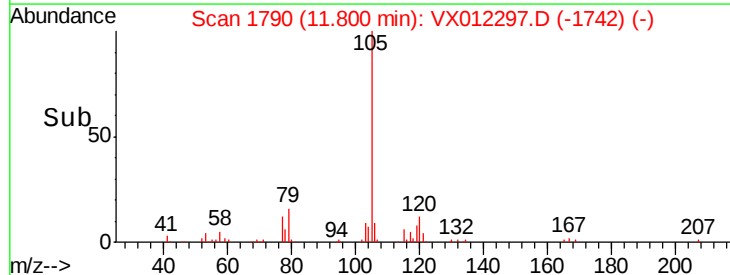
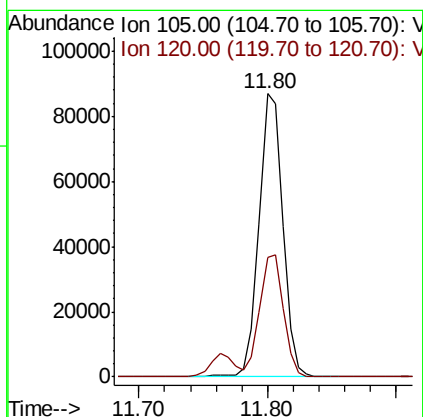
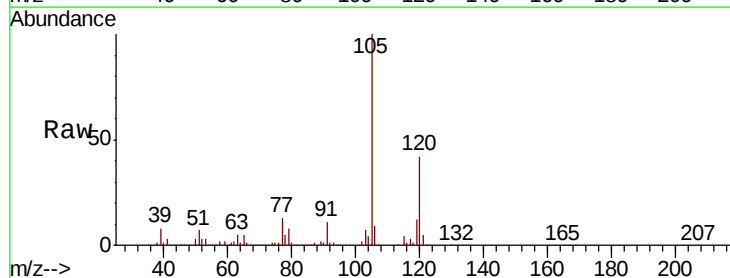
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

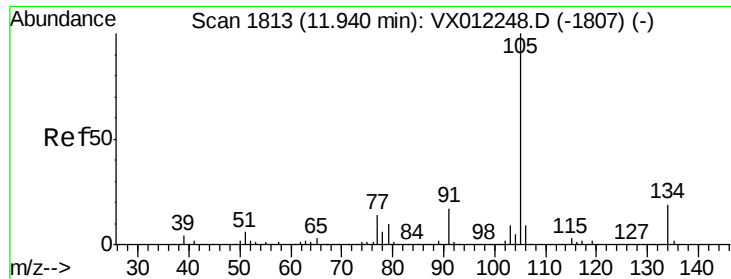
Tgt Ion:119 Resp: 105258
 Ion Ratio Lower Upper
 119 100
 91 63.1 30.9 92.8
 134 23.5 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.319 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion:105 Resp: 110844
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.3 63.9

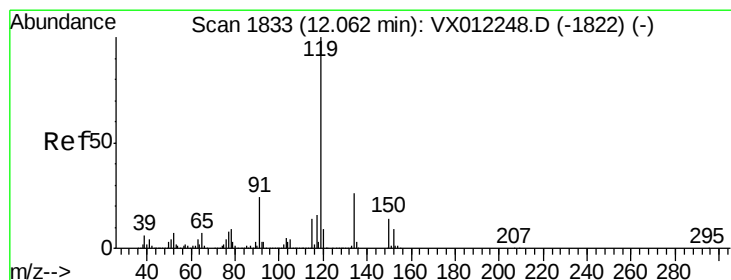
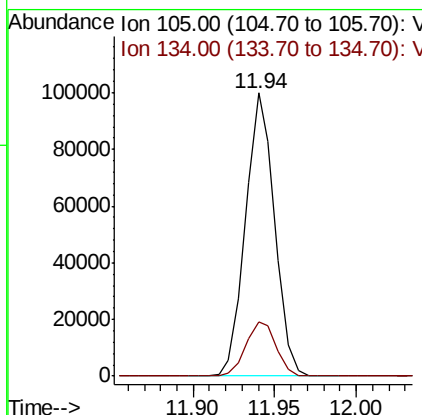
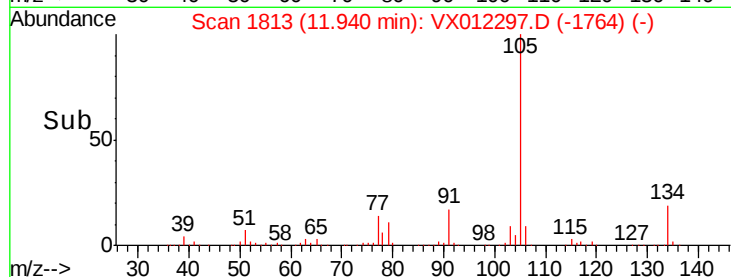
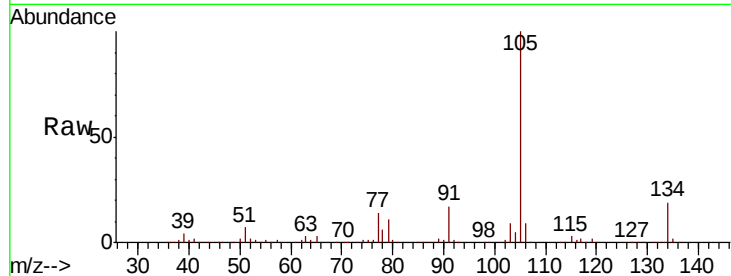




#85
 sec-Butylbenzene
 Concen: 21.307 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

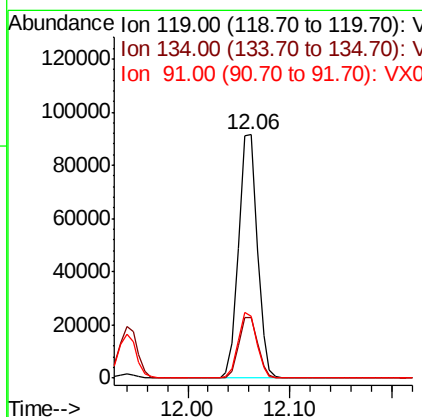
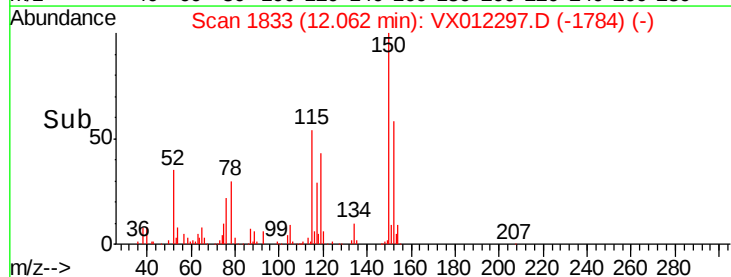
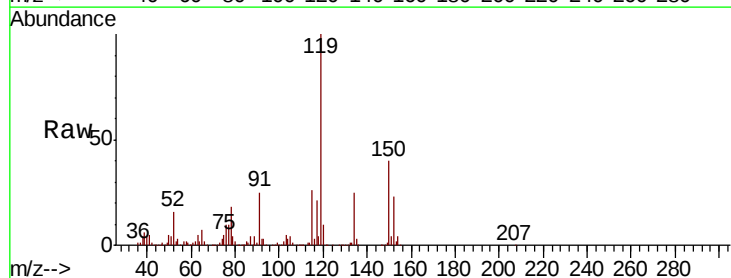
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

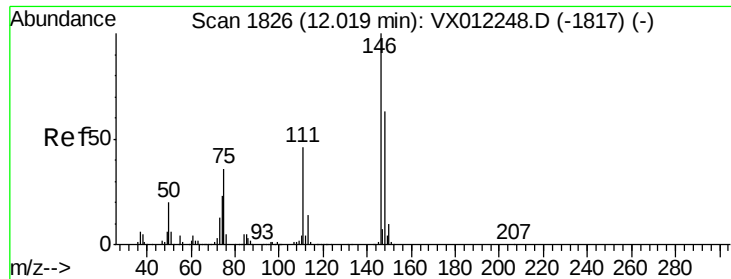
Tgt Ion:105 Resp: 124156
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 21.444 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion:119 Resp: 115454
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 26.6 13.1 39.1

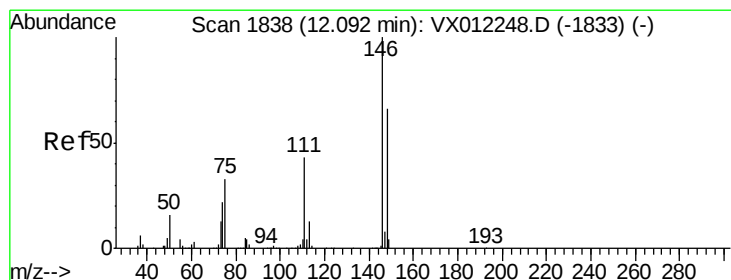
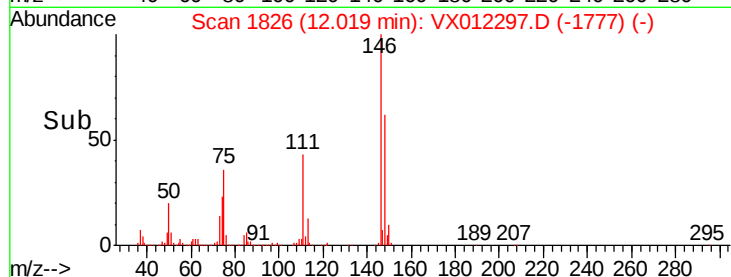
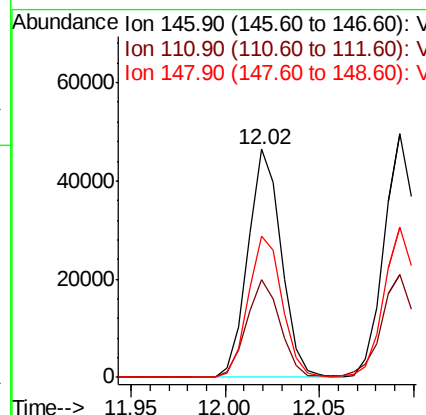
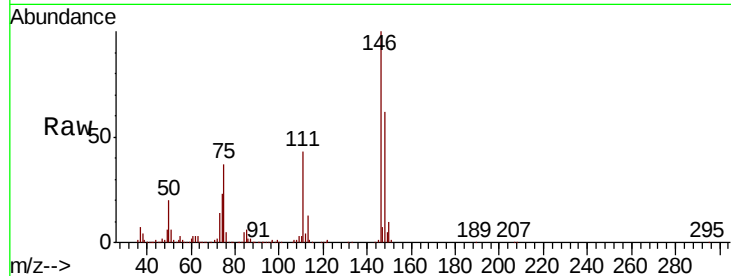




#87
 1,3-Dichlorobenzene
 Concen: 21.727 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

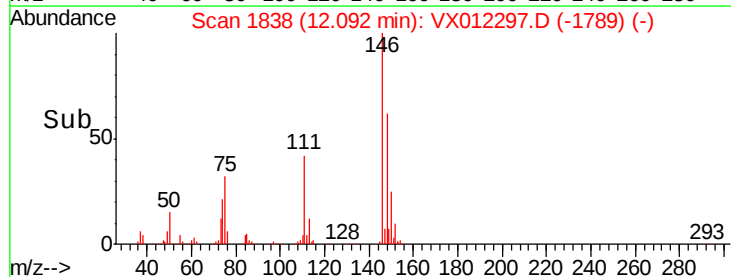
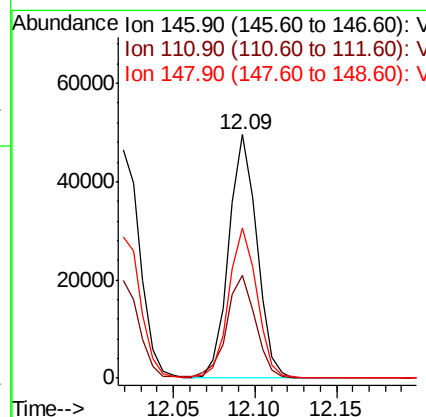
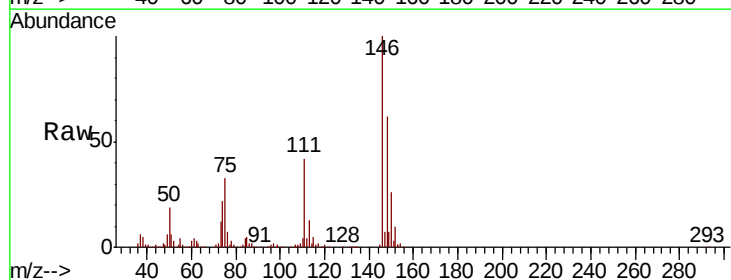
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBSD01

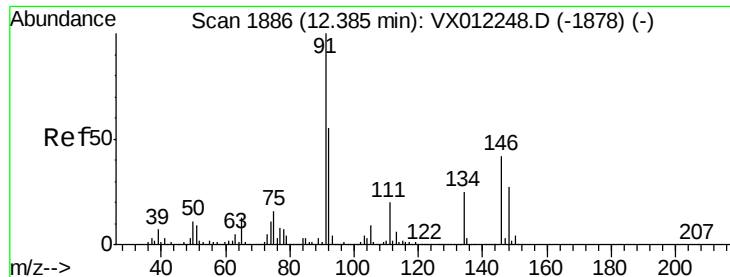
Tgt Ion:146 Resp: 56991
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.3 66.8
 148 63.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 22.331 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion:146 Resp: 59229
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 64.8
 148 62.3 32.4 97.2





#89

n-Butylbenzene

Concen: 22.127 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBS01

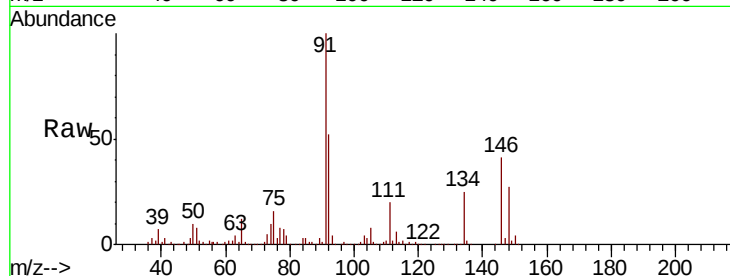
Tgt Ion: 91 Resp: 116765

Ion Ratio Lower Upper

91 100

92 52.9 27.6 82.7

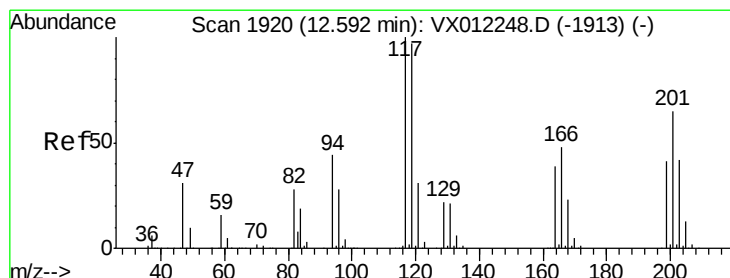
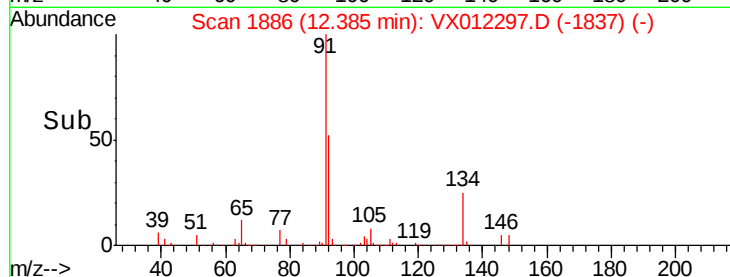
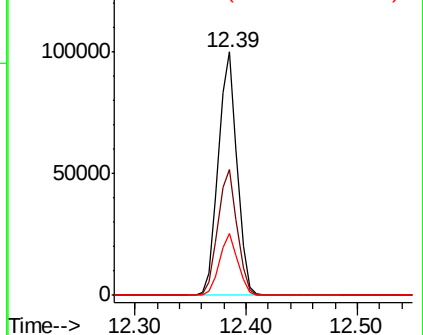
134 24.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.514 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012297.D

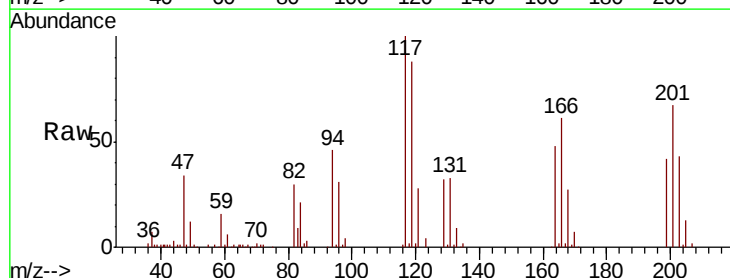
Acq: 11 Sep 2019 12:49

Tgt Ion: 117 Resp: 19352

Ion Ratio Lower Upper

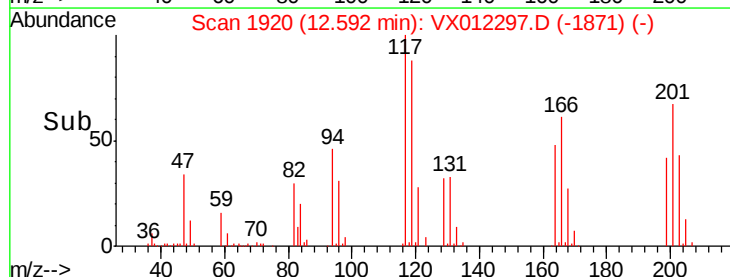
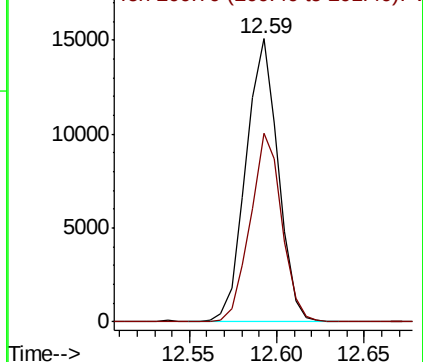
117 100

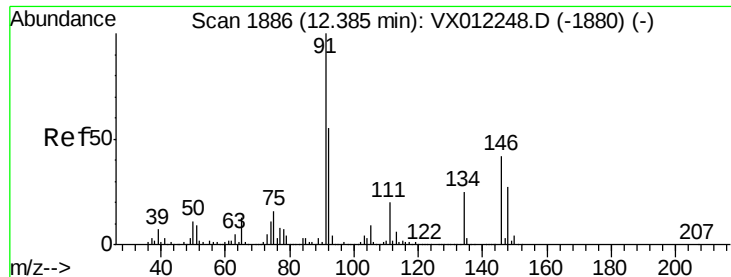
201 65.2 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 21.787 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0911SBSD01

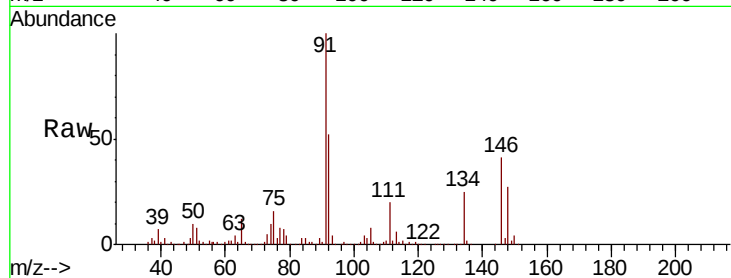
Tgt Ion:146 Resp: 52863

Ion Ratio Lower Upper

146 100

111 47.3 23.2 69.6

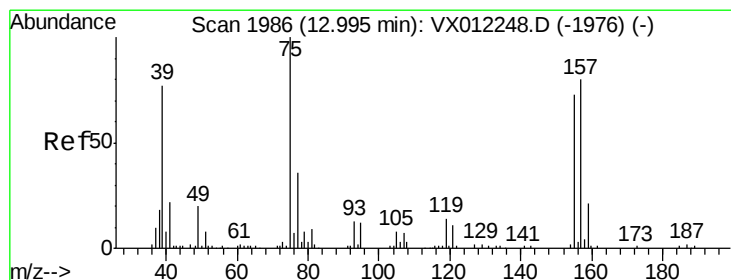
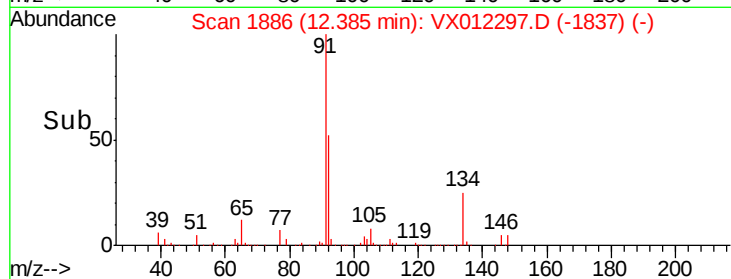
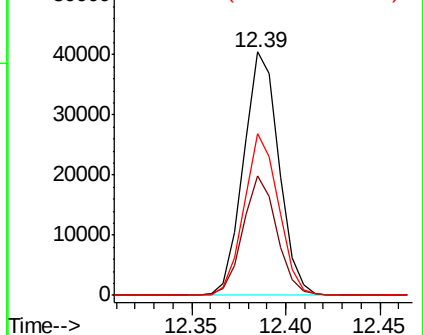
148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.317 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012297.D

Acq: 11 Sep 2019 12:49

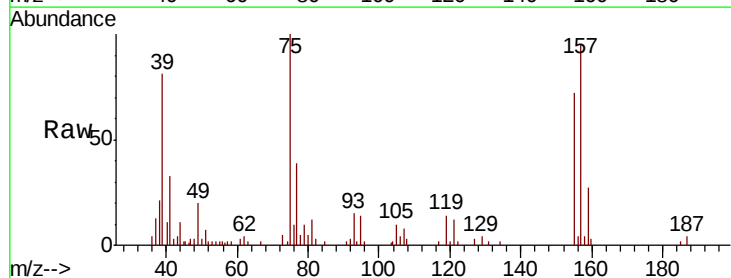
Tgt Ion: 75 Resp: 6207

Ion Ratio Lower Upper

75 100

155 64.7 35.3 105.7

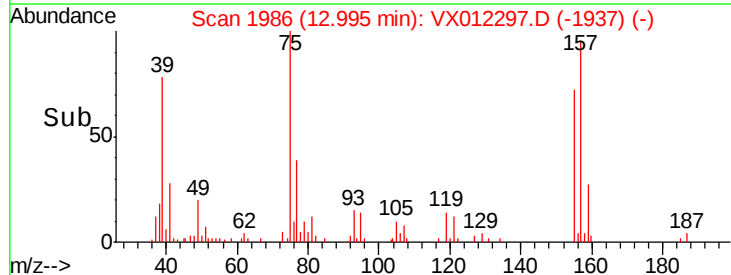
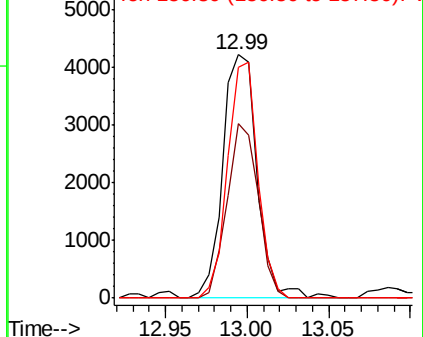
157 84.2 43.2 129.6

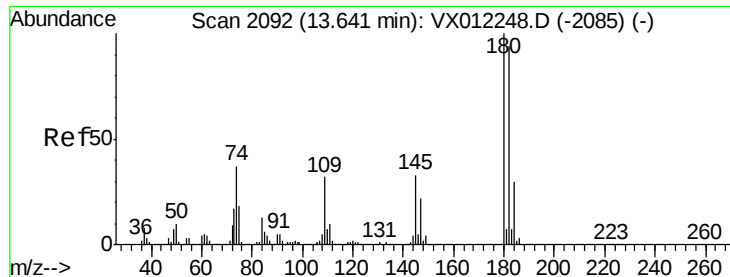


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

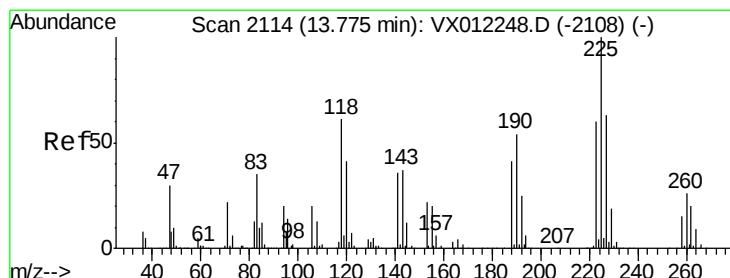
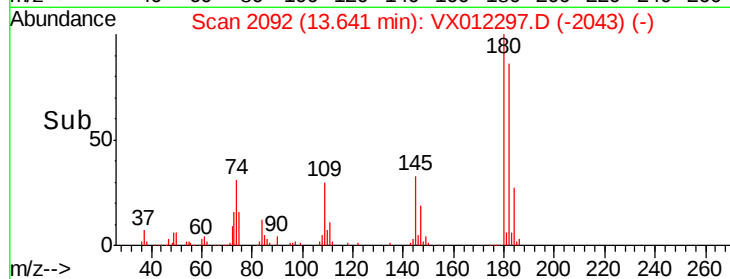
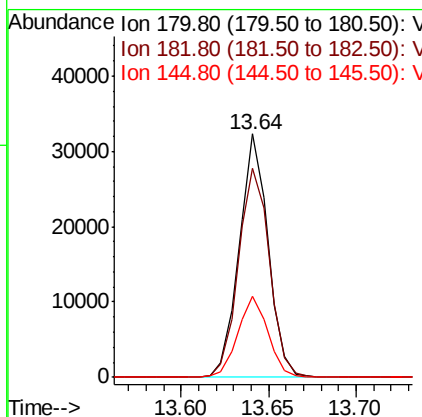
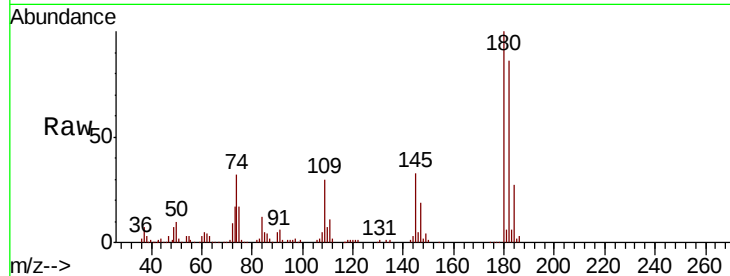




#93
 1,2,4-Trichlorobenzene
 Concen: 22.084 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

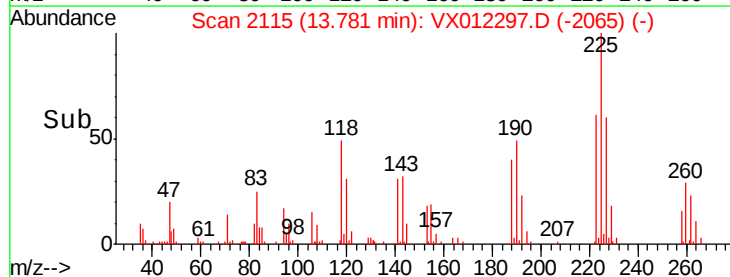
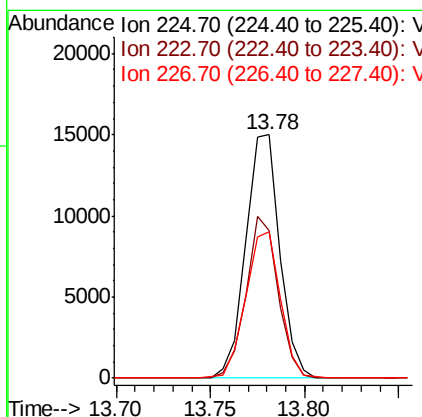
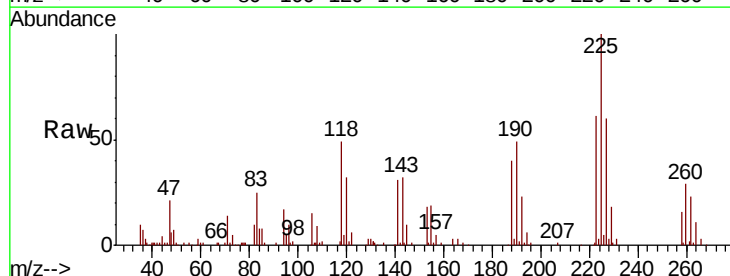
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911SBS01

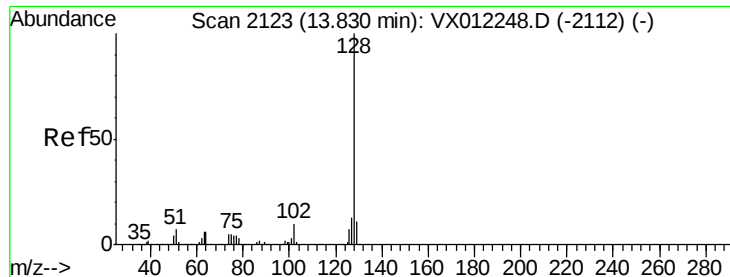
Tgt Ion:180 Resp: 37005
 Ion Ratio Lower Upper
 180 100
 182 92.0 46.9 140.8
 145 34.8 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 22.537 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012297.D
 Acq: 11 Sep 2019 12:49

Tgt Ion:225 Resp: 18787
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.1 96.5
 227 60.6 32.5 97.5

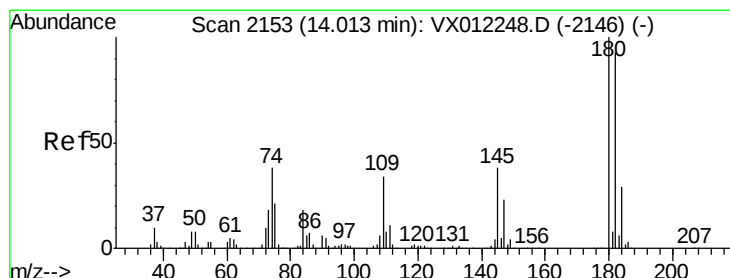
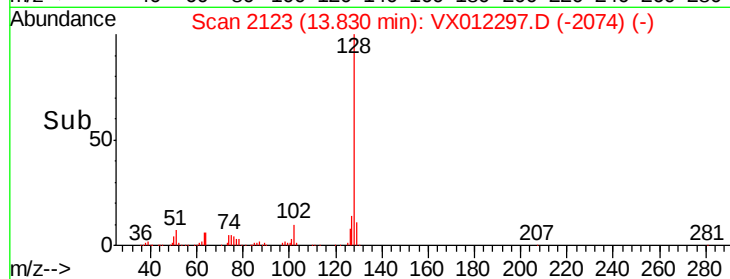
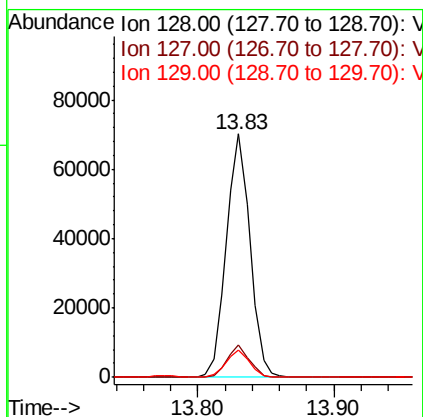
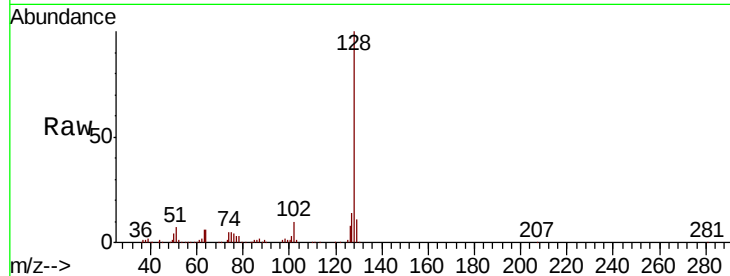




#95
Naphthalene
Concen: 23.588 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0911SBS01

Tgt Ion:128 Resp: 84820
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.450 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012297.D
Acq: 11 Sep 2019 12:49

Tgt Ion:180 Resp: 31802
Ion Ratio Lower Upper
180 100
182 97.8 47.0 141.0
145 38.8 18.6 55.8

