

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012904.D
 Acq On : 08 Oct 2019 21:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 03:44:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	112343	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.49	113	87947	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	340341	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	134599	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	96804	52.878	ug/l	98
3) Chloromethane	1.32	50	102267	51.329	ug/l	94
4) Vinyl Chloride	1.40	62	105155	51.135	ug/l	98
5) Bromomethane	1.63	94	40234	47.066	ug/l	99
6) Chloroethane	1.71	64	67095	53.388	ug/l	98
7) Trichlorofluoromethane	1.92	101	142810	51.452	ug/l	99
8) Diethyl Ether	2.18	74	57639	51.448	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92365	51.418	ug/l	99
10) Methyl Iodide	2.50	142	89891	44.763	ug/l	97
11) Tert butyl alcohol	3.03	59	154010	258.809	ug/l	99
12) 1,1-Dichloroethene	2.36	96	93505	51.519	ug/l	98
13) Acrolein	2.28	56	96471	228.122	ug/l	99
14) Allyl chloride	2.72	41	168409	52.104	ug/l	98
15) Acrylonitrile	3.13	53	302613	268.344	ug/l	100
16) Acetone	2.44	43	261018	220.599	ug/l	99
17) Carbon Disulfide	2.56	76	253115	48.909	ug/l	98
18) Methyl Acetate	2.76	43	143868	51.298	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	337231	53.805	ug/l	98
20) Methylene Chloride	2.84	84	105591	48.558	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	100161	51.489	ug/l	100
22) Diisopropyl ether	3.84	45	330005	53.283	ug/l	95
23) Vinyl Acetate	3.80	43	1446399	270.524	ug/l	99
24) 1,1-Dichloroethane	3.69	63	184088	52.834	ug/l	100
25) 2-Butanone	4.66	43	425737	259.349	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140491	47.949	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	114130	50.898	ug/l	100
28) Bromochloromethane	5.00	49	55997	53.811	ug/l	99
29) Tetrahydrofuran	5.11	42	270610	267.888	ug/l	99
30) Chloroform	5.20	83	184685	51.657	ug/l	100
31) Cyclohexane	5.57	56	170175	52.232	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	161352	53.264	ug/l	99
36) 1,1-Dichloropropene	5.79	75	140056	51.661	ug/l	100
37) Ethyl Acetate	4.82	43	156647	51.674	ug/l	99
38) Carbon Tetrachloride	5.78	117	137485	52.102	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170782	51.945	ug/l	97
40) Benzene	6.13	78	414198	51.729	ug/l	98
41) Methacrylonitrile	5.03	41	86783	52.098	ug/l	99
42) 1,2-Dichloroethane	6.18	62	149497	52.032	ug/l	99
43) Isopropyl Acetate	6.43	43	257291	52.880	ug/l	100
44) Trichloroethene	7.20	130	107679	48.496	ug/l	93
45) 1,2-Dichloropropane	7.51	63	106124	52.003	ug/l	99
46) Dibromomethane	7.65	93	70759	52.042	ug/l	99
47) Bromodichloromethane	7.89	83	140616	52.995	ug/l	99
48) Methyl methacrylate	7.76	41	125572	52.960	ug/l	98
49) 1,4-Dioxane	7.73	88	64954	1020.098	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	811314	267.444	ug/l	100
52) Toluene	8.78	92	262818	51.306	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	155565	47.110	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	172817	52.955	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	105462	52.023	ug/l	99
56) Ethyl methacrylate	9.17	69	174790	48.217	ug/l	99
57) 1,3-Dichloropropane	9.37	76	178383	50.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	400311	268.801	ug/l	99
59) 2-Hexanone	9.48	43	627185	265.593	ug/l	100
60) Dibromochloromethane	9.58	129	106668	47.384	ug/l	100
61) 1,2-Dibromoethane	9.67	107	111097	52.096	ug/l	99
64) Tetrachloroethene	9.33	164	96700	50.718	ug/l	96
65) Chlorobenzene	10.14	112	273675	50.134	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	101464	53.608	ug/l	99
67) Ethyl Benzene	10.25	91	506447	52.230	ug/l	100
68) m/p-Xylenes	10.35	106	377247	104.142	ug/l	100
69) o-Xylene	10.70	106	183911	52.063	ug/l	100
70) Styrene	10.71	104	323351	53.844	ug/l	99
71) Bromoform	10.85	173	73260	45.722	ug/l #	99
73) Isopropylbenzene	11.01	105	489531	52.560	ug/l	99
74) N-amyl acetate	10.89	43	223010	55.597	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	159426	51.465	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	189257	67.358	ug/l	78
77) Bromobenzene	11.25	156	111048	50.597	ug/l	98
78) n-propylbenzene	11.35	91	548963	53.565	ug/l	99
79) 2-Chlorotoluene	11.42	91	339990	52.787	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	421615	54.213	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	50992	46.940	ug/l	99
82) 4-Chlorotoluene	11.51	91	389901	52.814	ug/l	100
83) tert-Butylbenzene	11.76	119	391310	51.581	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	409016	51.930	ug/l	96
85) sec-Butylbenzene	11.94	105	466435	53.070	ug/l	99
86) p-Isopropyltoluene	12.06	119	430965	52.870	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206215	50.597	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	208169	50.432	ug/l	99
89) n-Butylbenzene	12.39	91	372202	54.329	ug/l	100
90) Hexachloroethane	12.59	117	70890	47.084	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	205385	51.403	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40287	55.487	ug/l	98

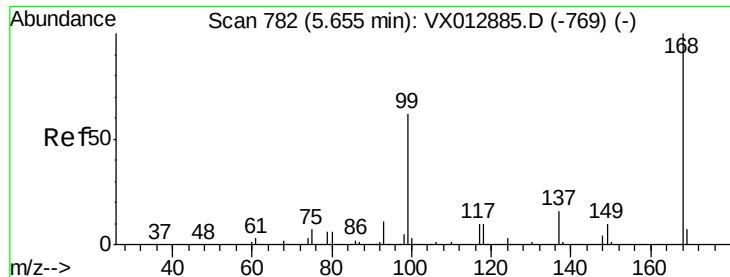
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132318	52.865	ug/l	100
94) Hexachlorobutadiene	13.78	225	59097	51.161	ug/l	98
95) Naphthalene	13.83	128	479912	55.312	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134818	52.123	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

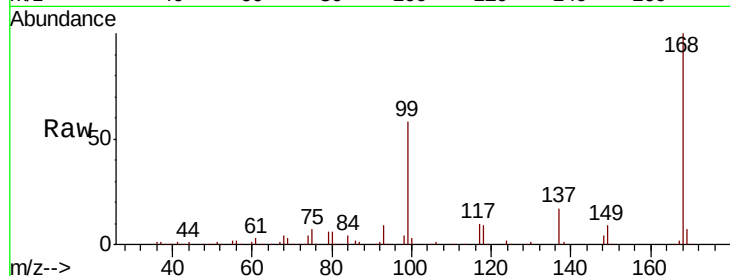
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 179601

Ion Ratio Lower Upper

168 100

99 58.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

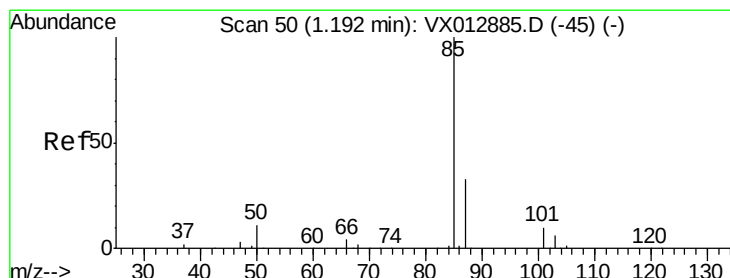
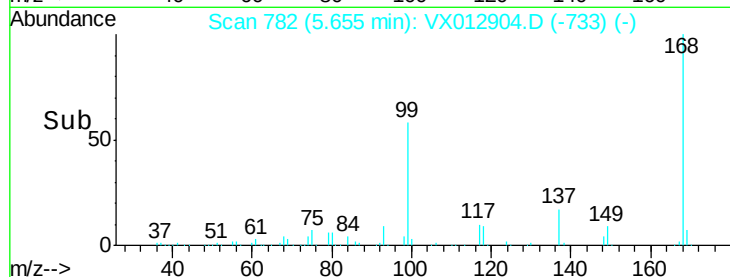
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.878 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012904.D

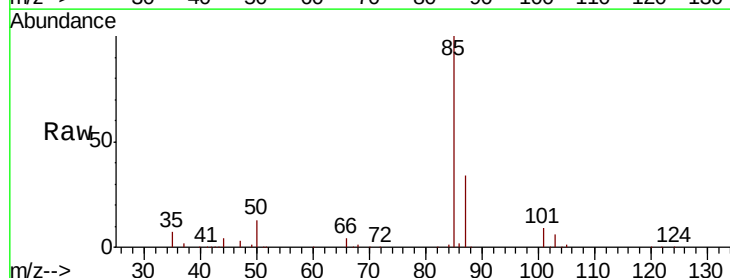
Acq: 08 Oct 2019 21:19

Tgt Ion: 85 Resp: 96804

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

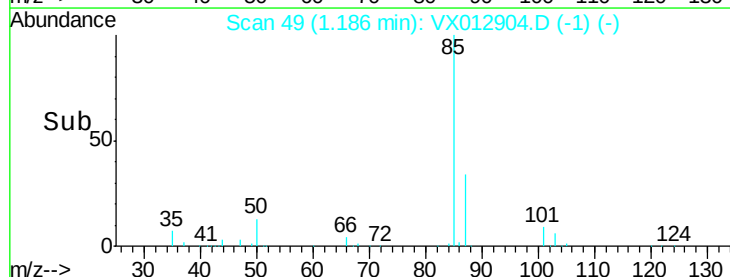
40000

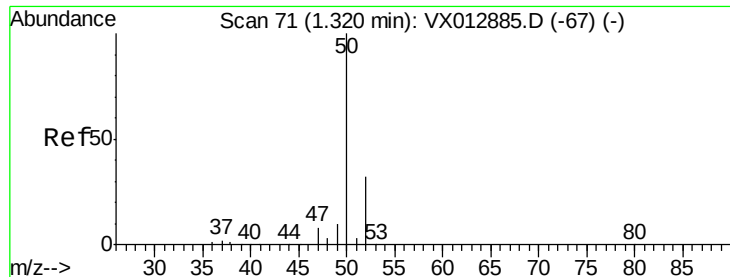
20000

0

Time-->

1.10 1.15 1.20 1.25 1.30

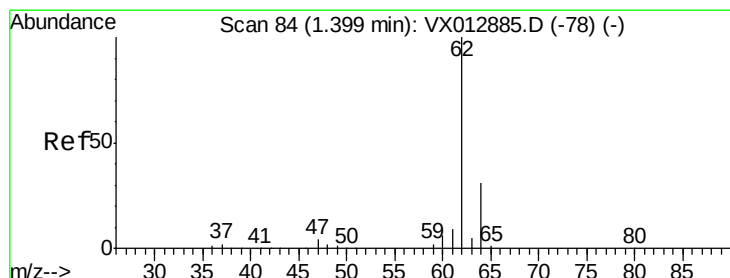
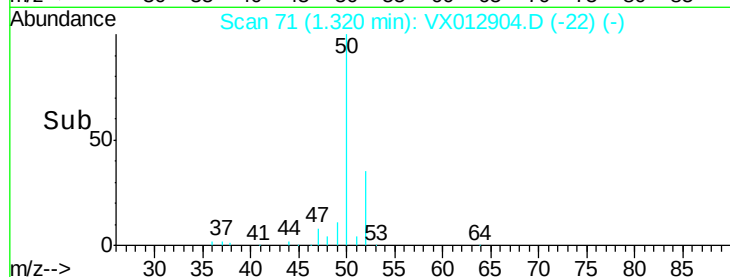
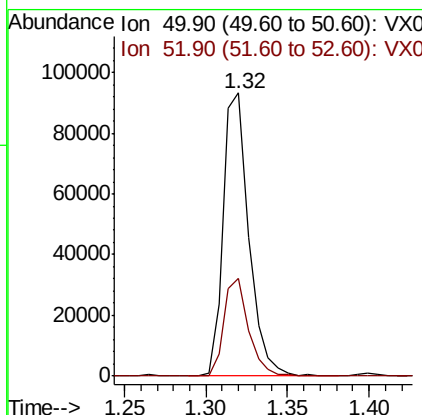
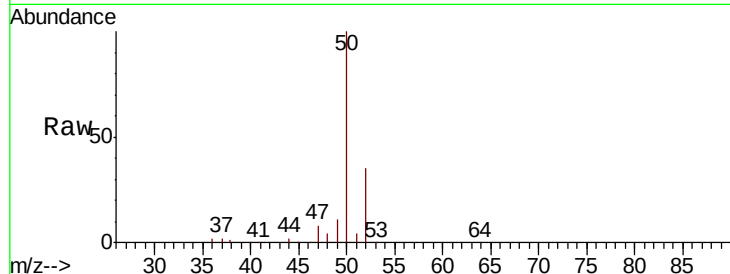




#3
Chloromethane
Concen: 51.329 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

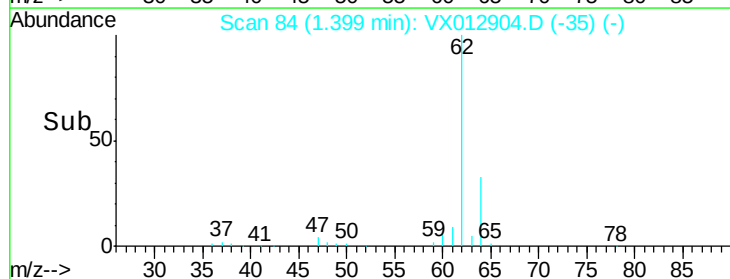
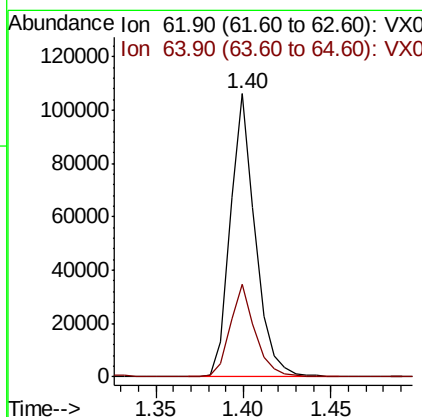
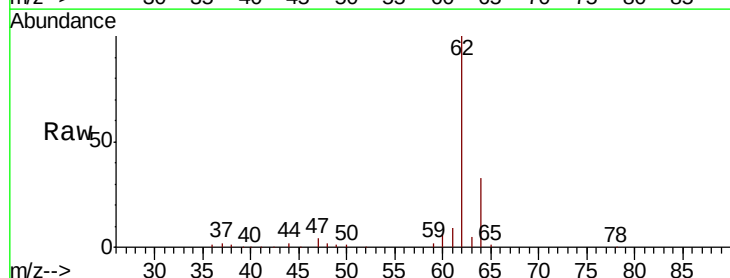
Instrument :
MSVOA_X
ClientSampled :

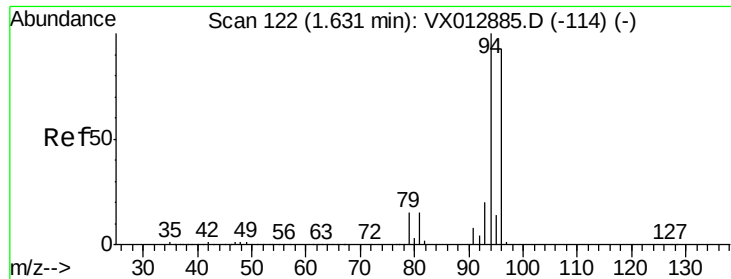
Tot Ion: 50 Resp: 102267
Ion Ratio Lower Upper
50 100
52 34.6 25.2 37.8



#4
Vinyl Chloride
Concen: 51.135 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 62 Resp: 105155
Ion Ratio Lower Upper
62 100
64 32.5 25.3 37.9





#5

Bromomethane

Concen: 47.066 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

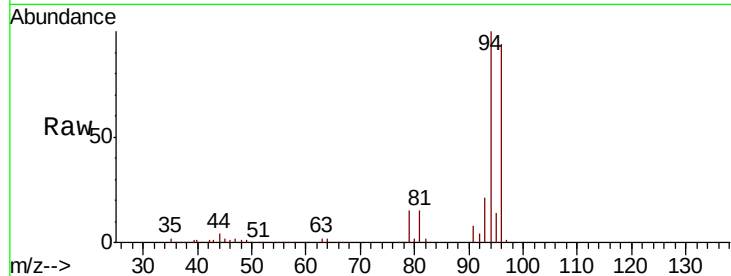
ClientSampleId :

Tot Ion: 94 Resp: 40234

Ion Ratio Lower Upper

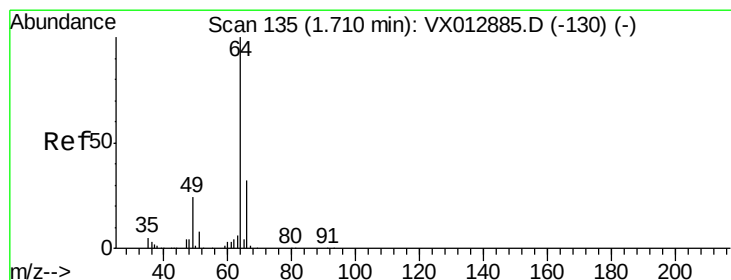
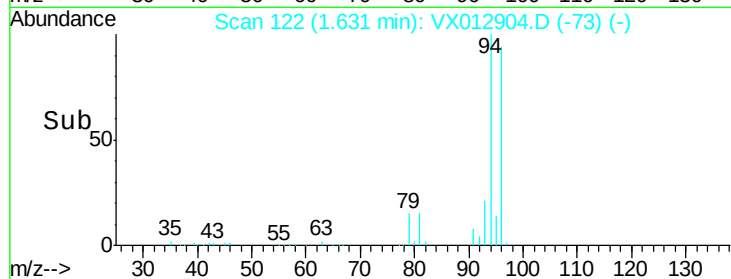
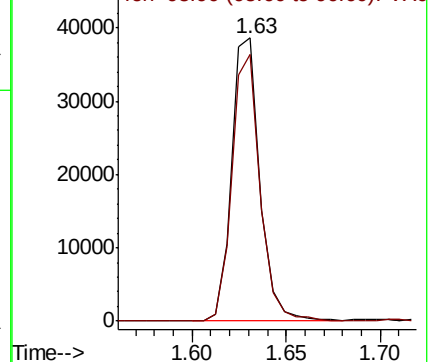
94 100

96 94.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.388 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012904.D

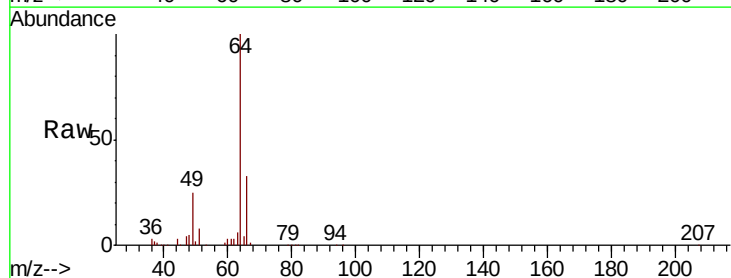
Acq: 08 Oct 2019 21:19

Tgt Ion: 64 Resp: 67095

Ion Ratio Lower Upper

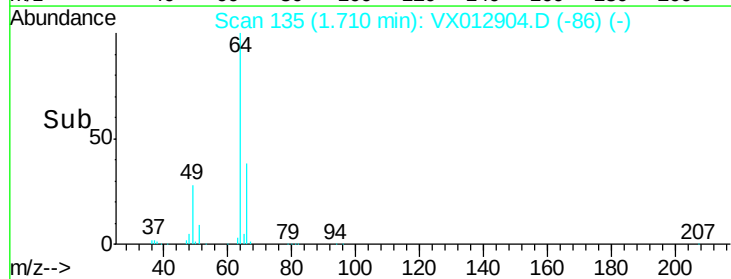
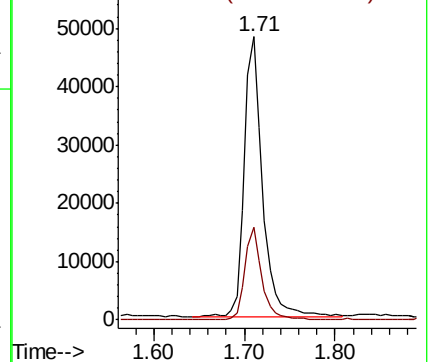
64 100

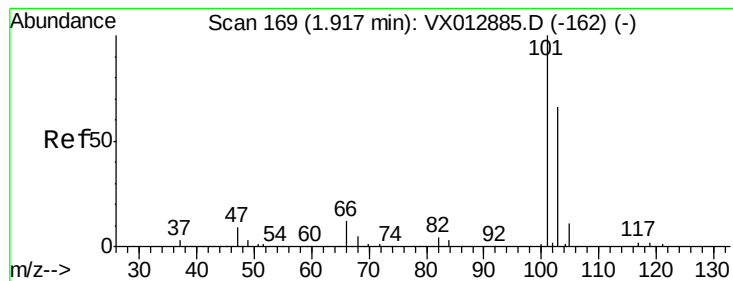
66 32.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



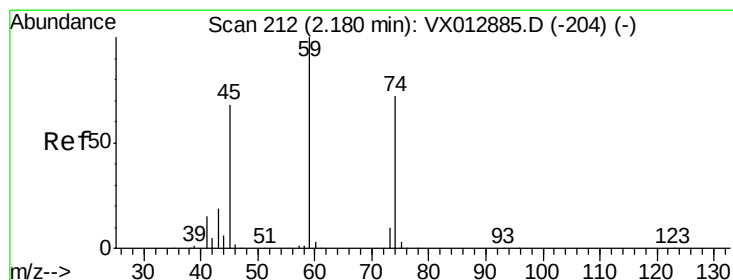
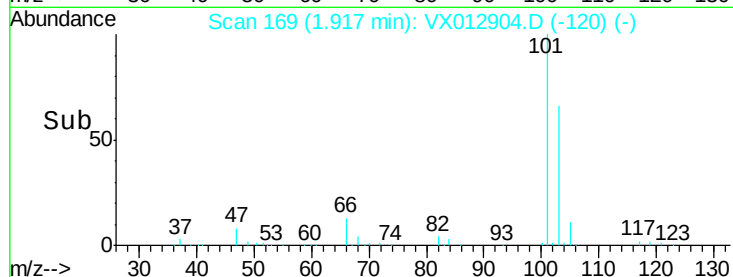
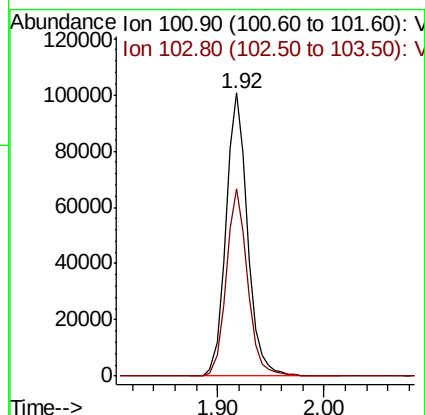
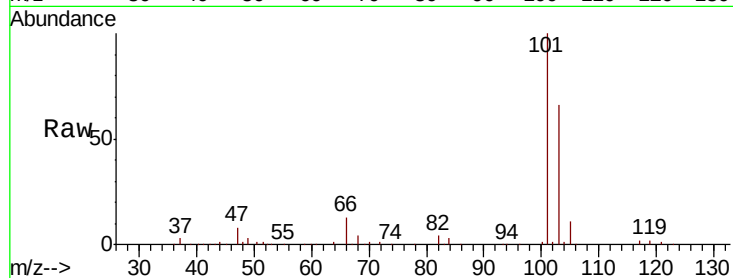


#7

Trichlorofluoromethane
Concen: 51.452 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampled :

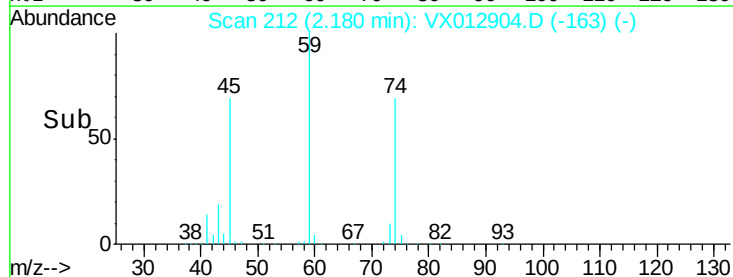
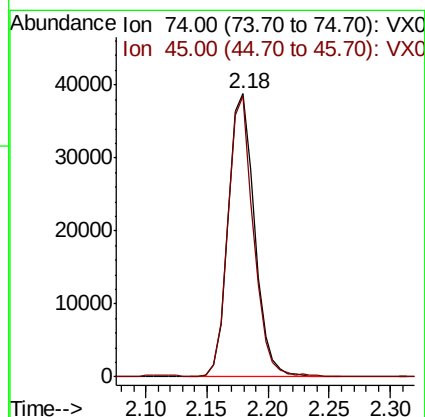
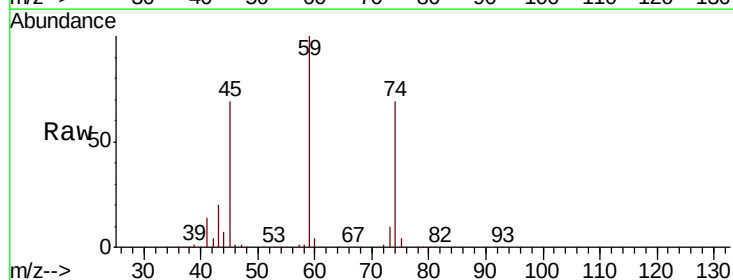
Tot Ion:101 Resp: 142810
Ion Ratio Lower Upper
101 100
103 66.1 52.5 78.7

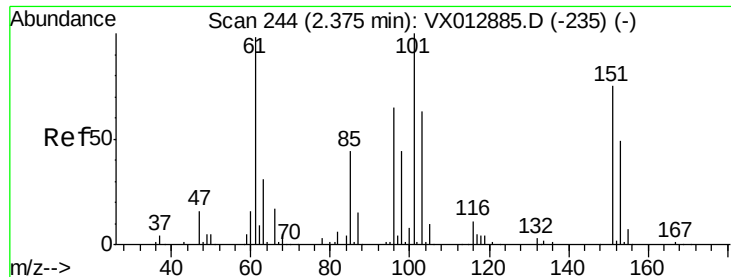


#8

Diethyl Ether
Concen: 51.448 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 74 Resp: 57639
Ion Ratio Lower Upper
74 100
45 95.8 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.418 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

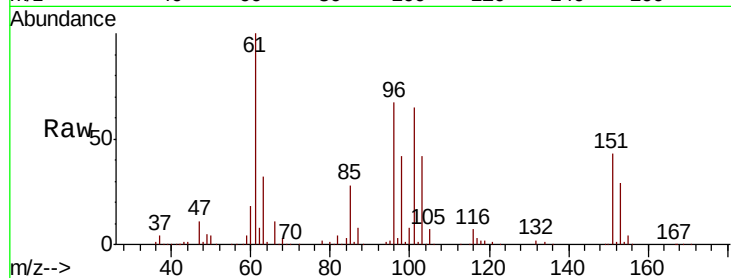
Tot Ion:101 Resp: 92365

Ion Ratio Lower Upper

101 100

85 42.9 35.2 52.8

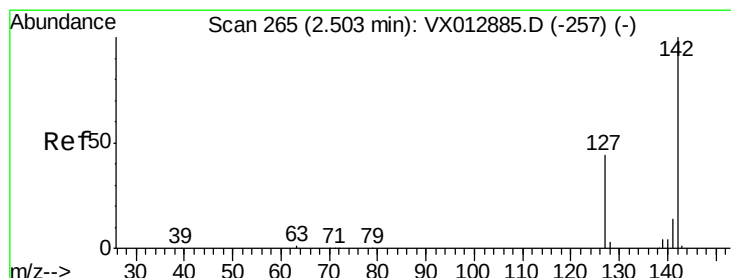
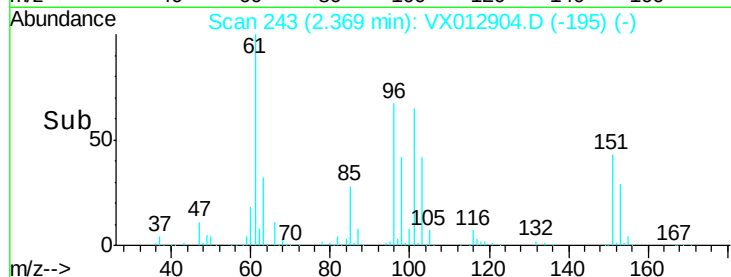
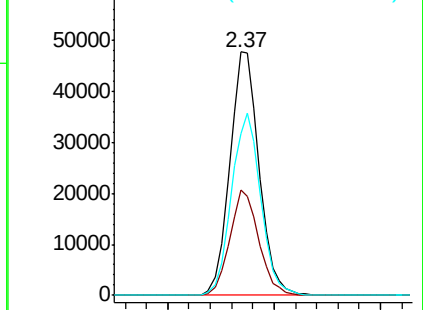
151 74.6 60.3 90.5



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: 44.763 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

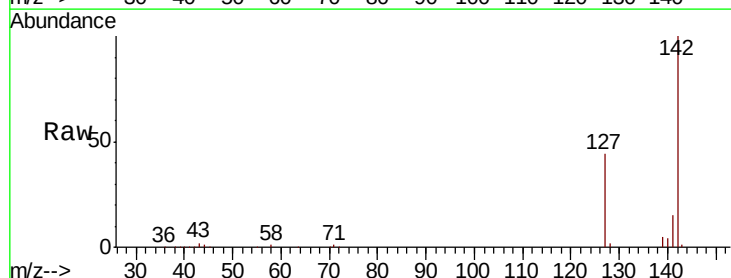
Tgt Ion:142 Resp: 89891

Ion Ratio Lower Upper

142 100

127 45.7 34.9 52.3

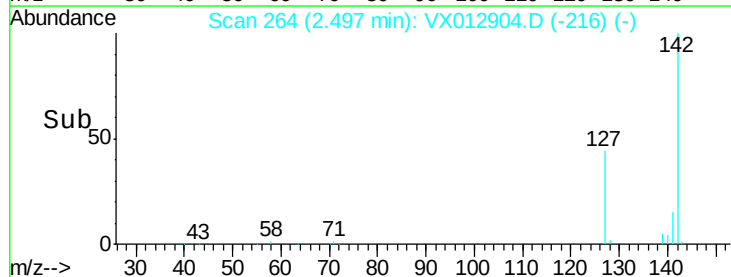
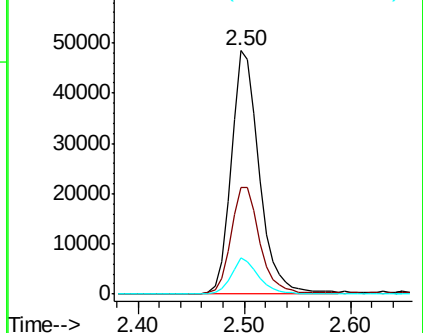
141 14.7 11.6 17.4

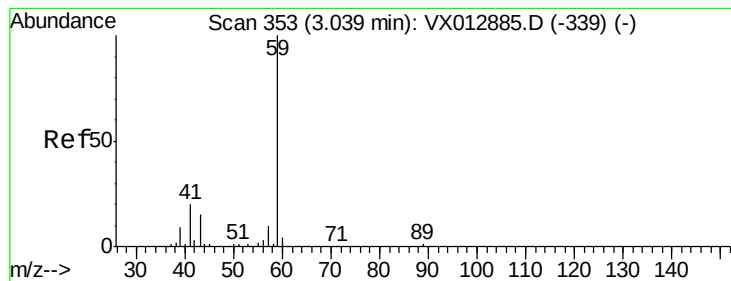


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



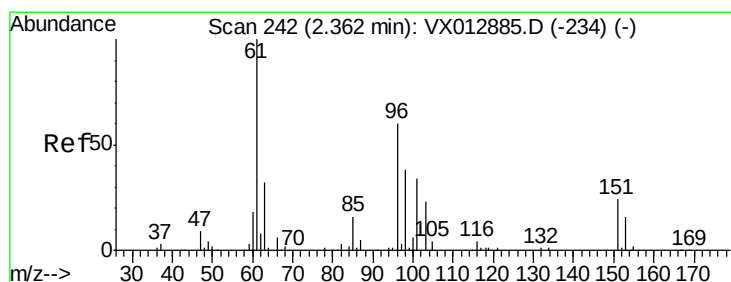
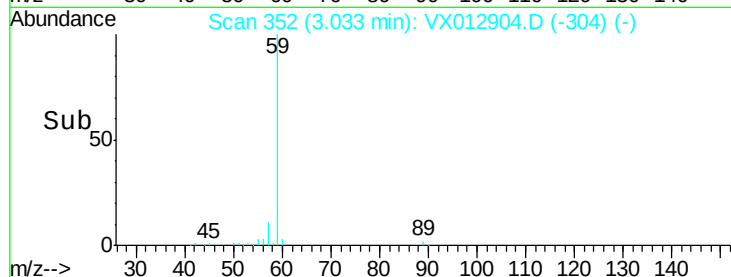
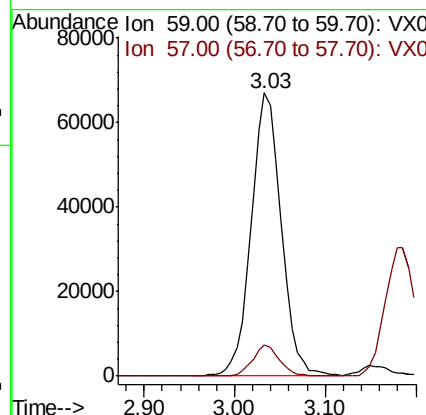
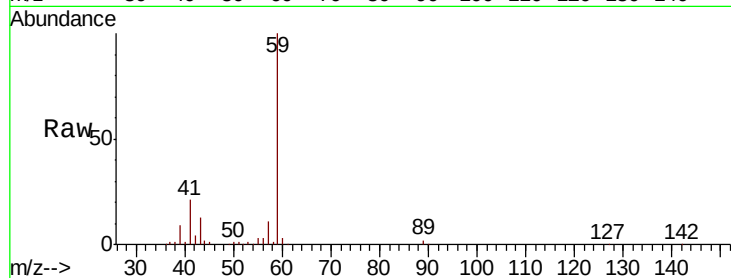


#11

Tert butyl alcohol
 Concen: 258.809 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :

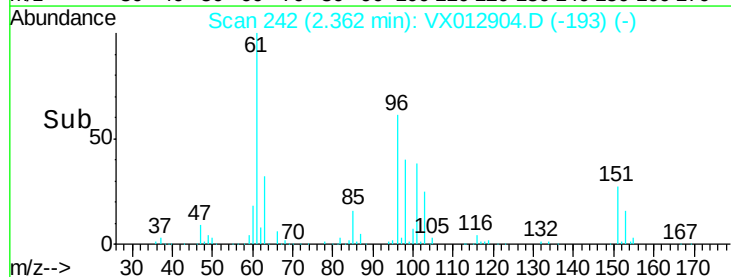
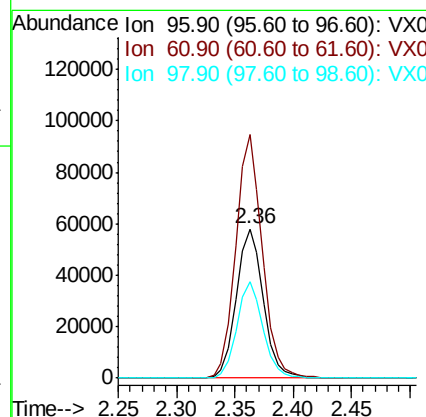
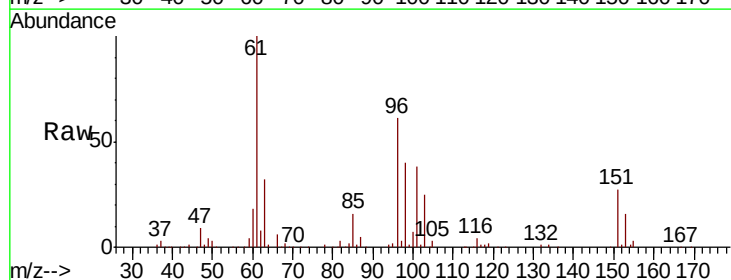
Tot Ion: 59 Resp: 154010
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

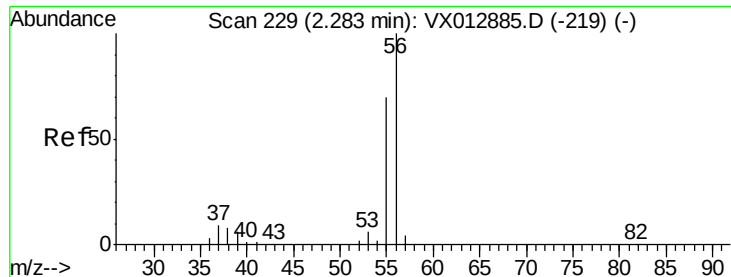


#12

1,1-Dichloroethene
 Concen: 51.519 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 96 Resp: 93505
 Ion Ratio Lower Upper
 96 100
 61 162.8 132.2 198.4
 98 64.7 50.5 75.7





#13

Acrolein

Concen: 228.122 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

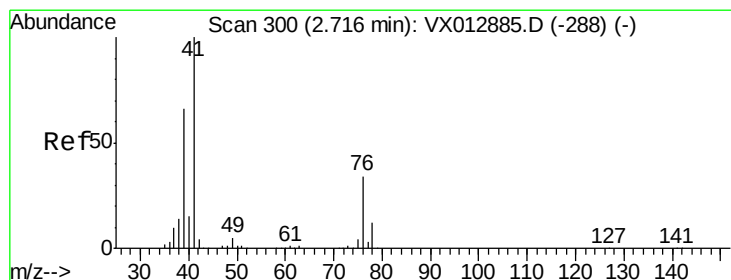
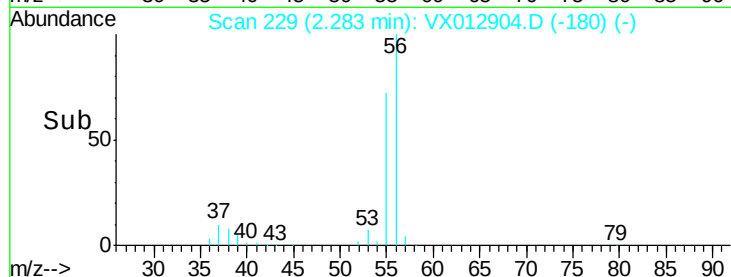
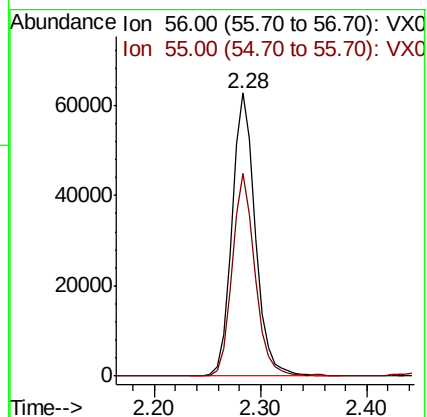
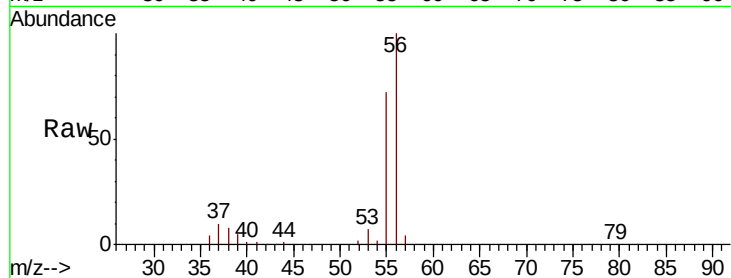
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 96471

Ion Ratio Lower Upper

56 100

55 70.1 56.6 85.0



#14

Allyl chloride

Concen: 52.104 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

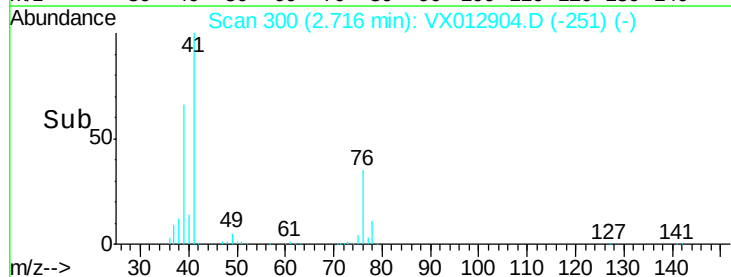
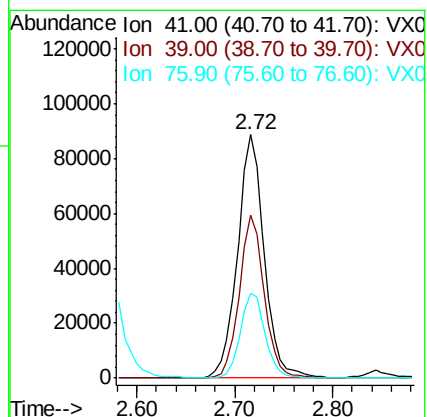
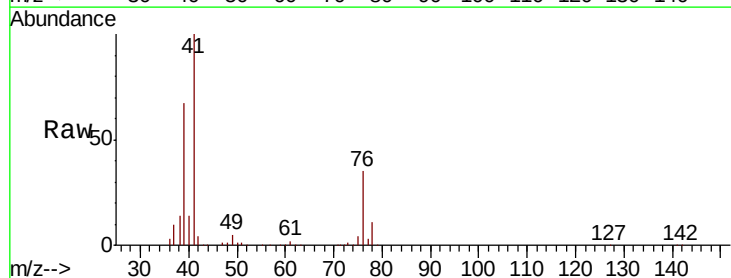
Tgt Ion: 41 Resp: 168409

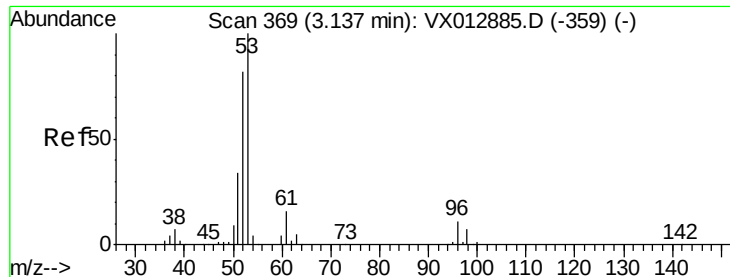
Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.6

76 32.1 26.2 39.4





#15

Acrylonitrile

Concen: 268.344 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

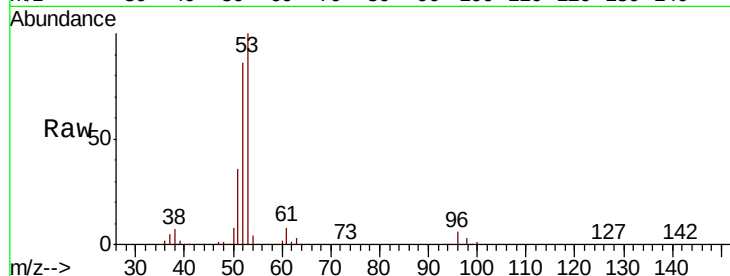
Tot Ion: 53 Resp: 302613

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

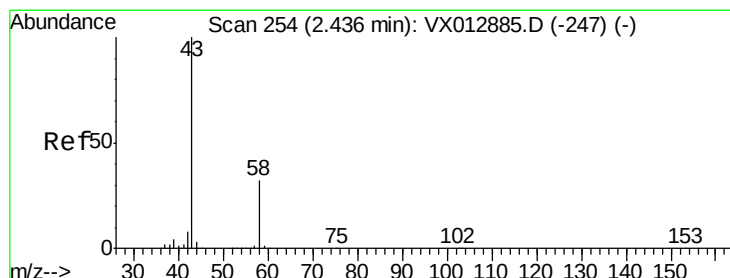
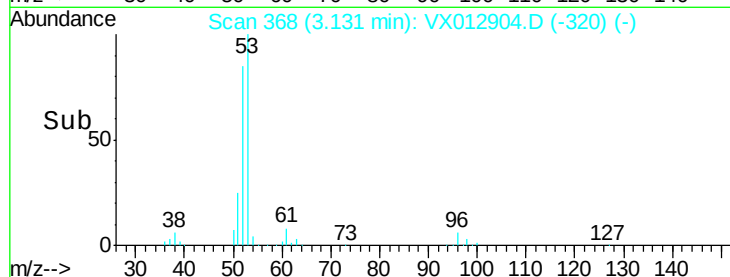
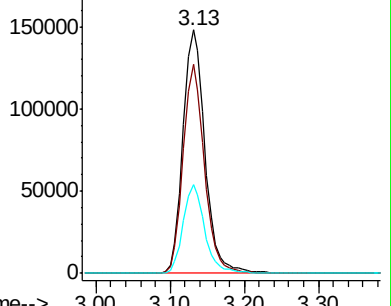
51 35.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX012885.D (-359) (-)

Ion 52.00 (51.70 to 52.70): VX012885.D (-359) (-)

Ion 51.00 (50.70 to 51.70): VX012885.D (-359) (-)



#16

Acetone

Concen: 220.599 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012904.D

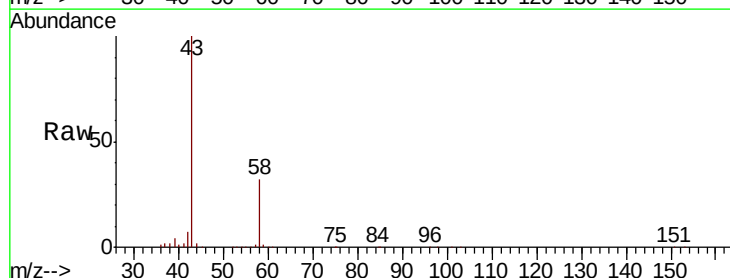
Acq: 08 Oct 2019 21:19

Tgt Ion: 43 Resp: 261018

Ion Ratio Lower Upper

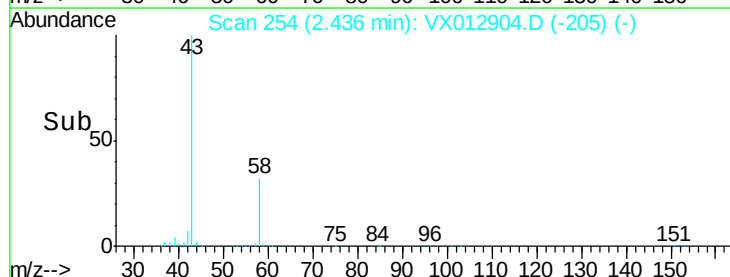
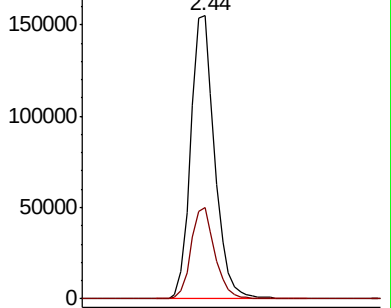
43 100

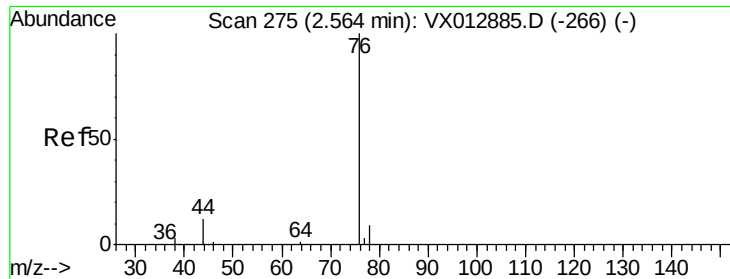
58 32.5 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VX012885.D (-247) (-)

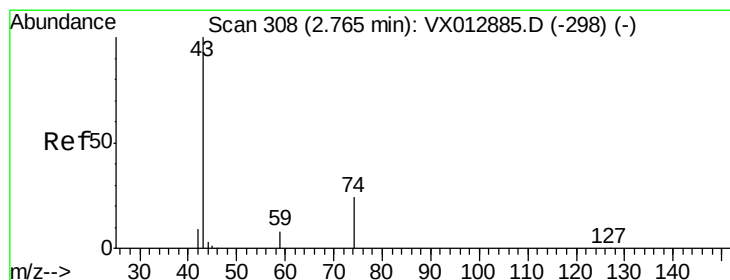
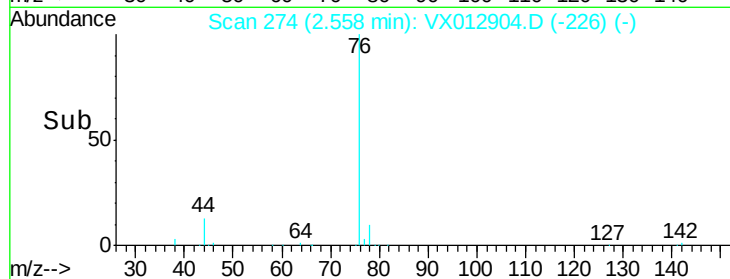
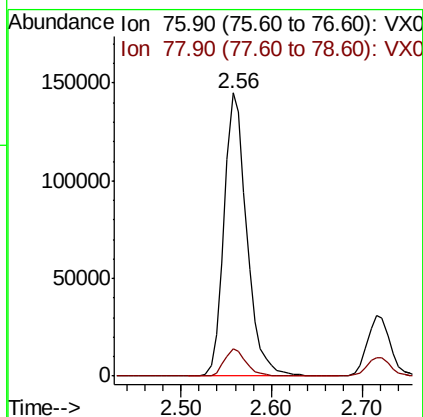
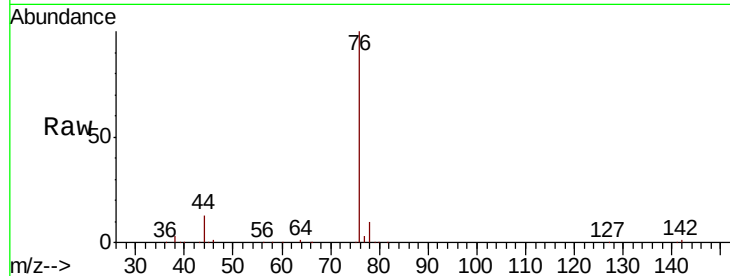




#17
Carbon Disulfide
Concen: 48.909 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

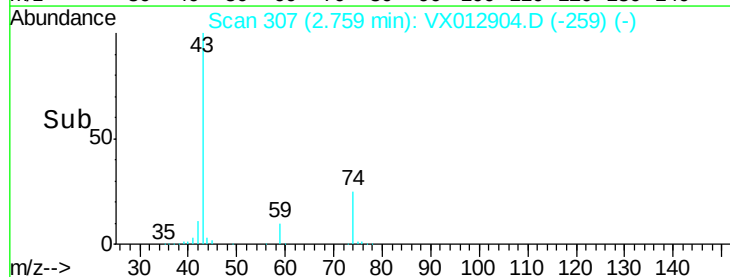
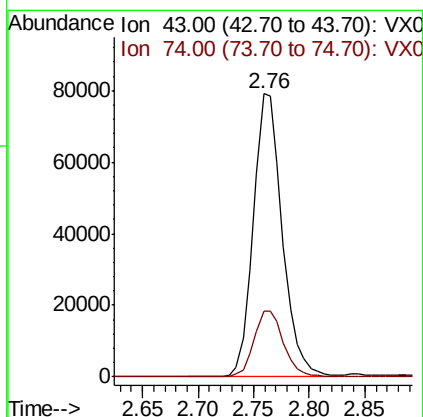
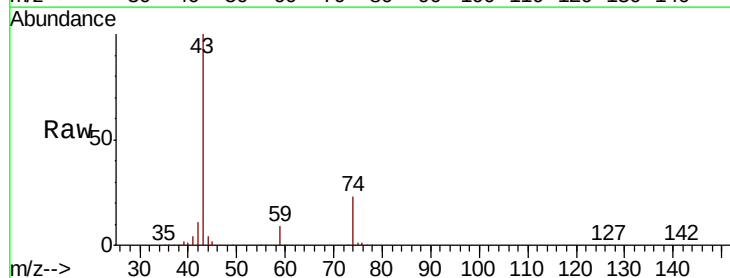
Instrument :
MSVOA_X
ClientSampleId :

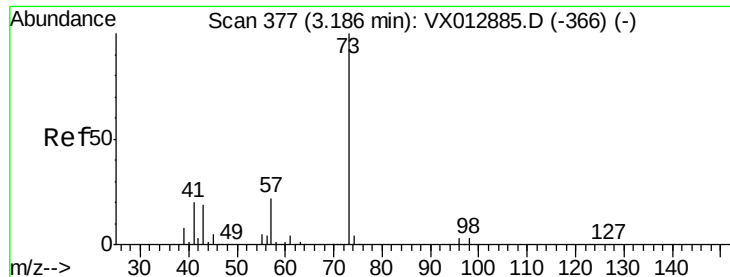
Tot Ion: 76 Resp: 253115
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 51.298 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 43 Resp: 143868
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8

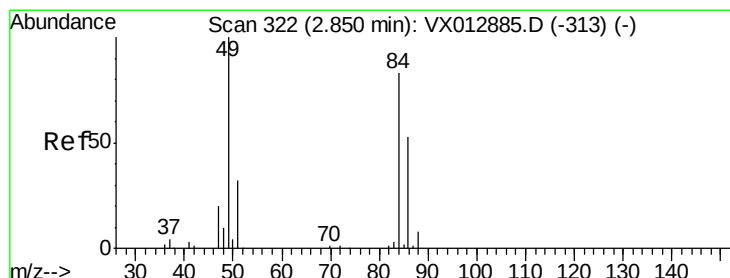
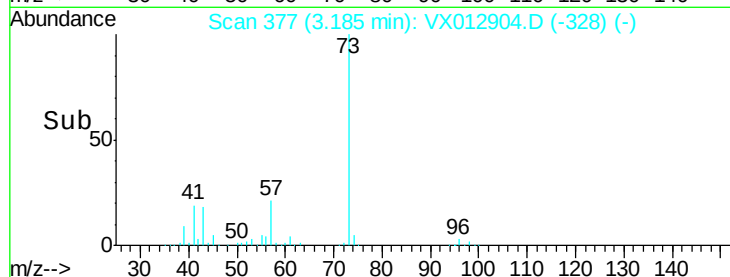
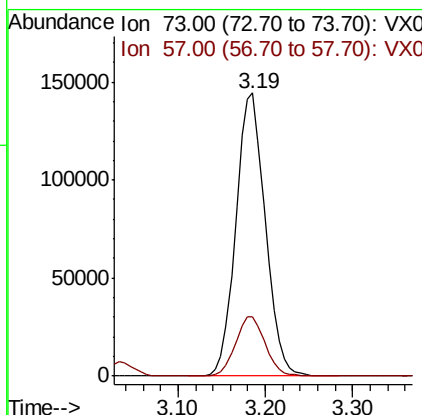
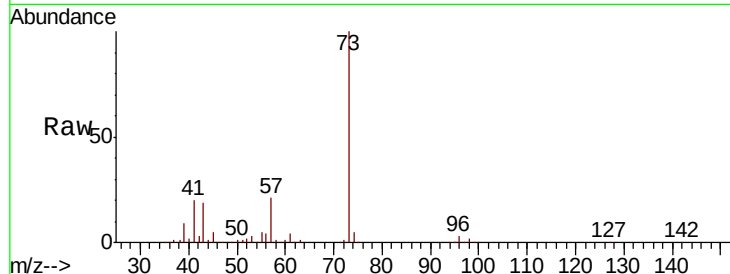




#19
Methyl tert-butyl Ether
Concen: 53.805 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

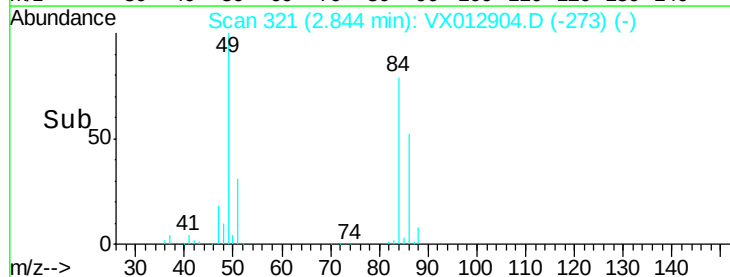
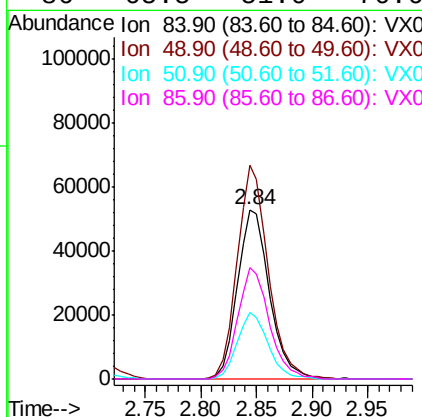
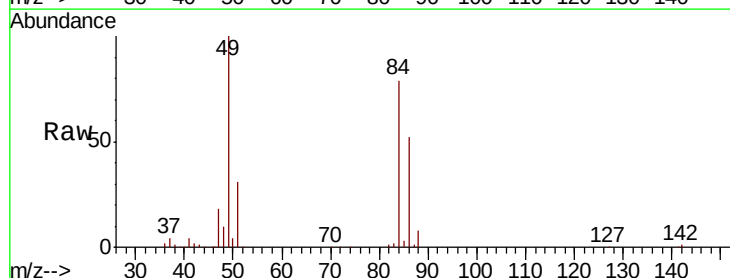
Instrument :
MSVOA_X
ClientSampleId :

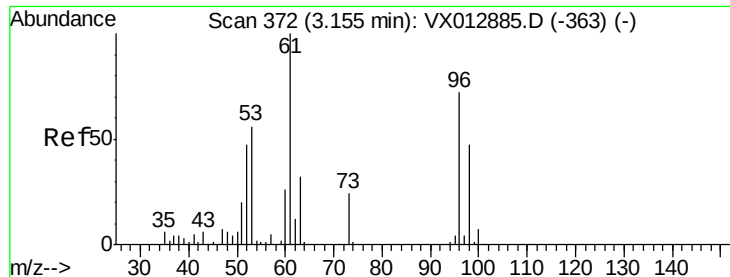
Tot Ion: 73 Resp: 337231
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.6



#20
Methylene Chloride
Concen: 48.558 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 84 Resp: 105591
Ion Ratio Lower Upper
84 100
49 126.3 96.6 144.8
51 39.1 30.7 46.1
86 65.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.489 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampled :

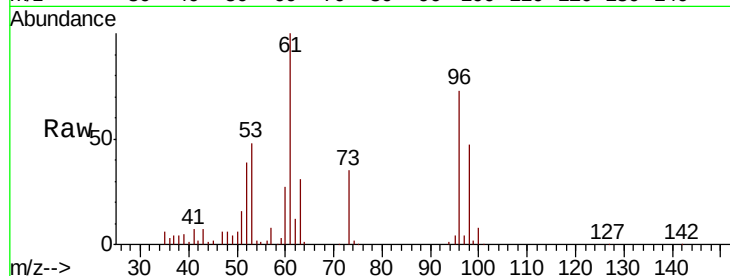
Tot Ion: 96 Resp: 100161

Ion Ratio Lower Upper

96 100

61 137.2 110.4 165.6

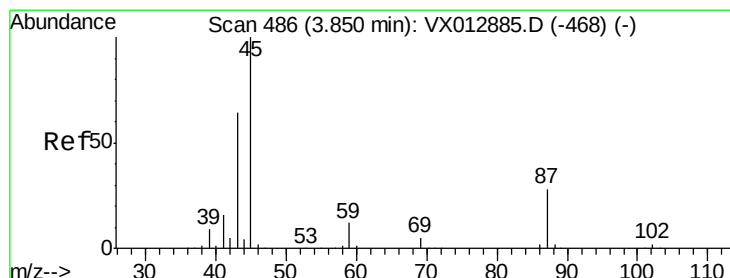
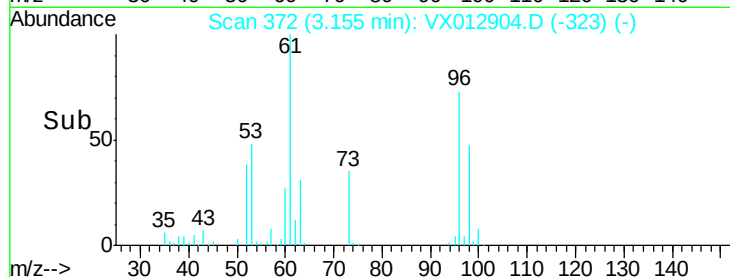
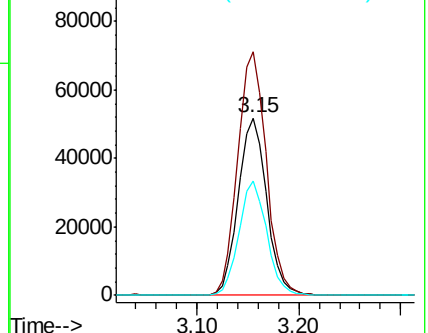
98 64.3 51.5 77.3



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: 53.283 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion: 45 Resp: 330005

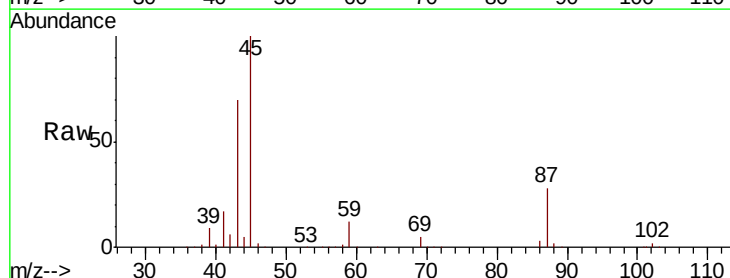
Ion Ratio Lower Upper

45 100

43 69.9 51.4 77.0

87 27.6 22.5 33.7

59 11.8 9.7 14.5

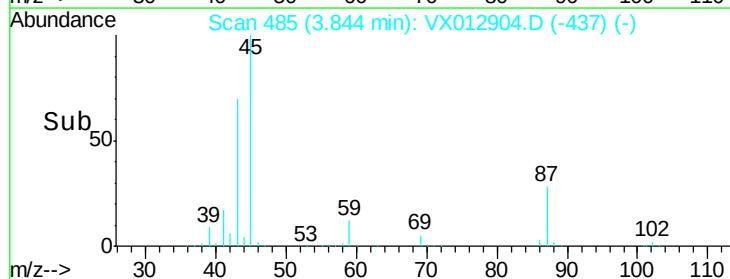
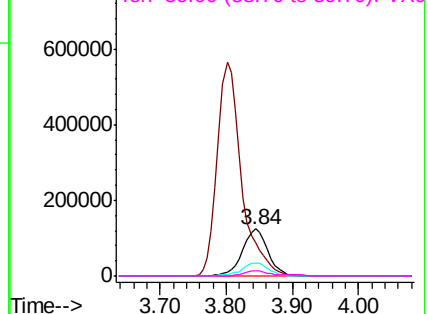


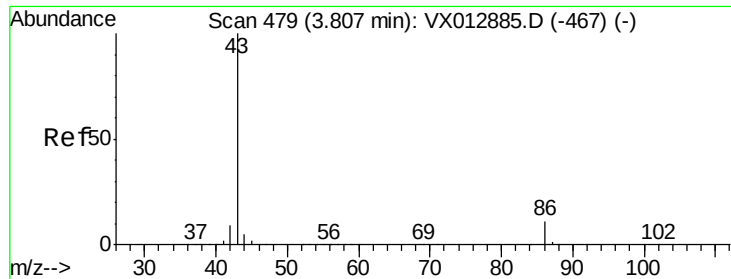
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 270.524 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

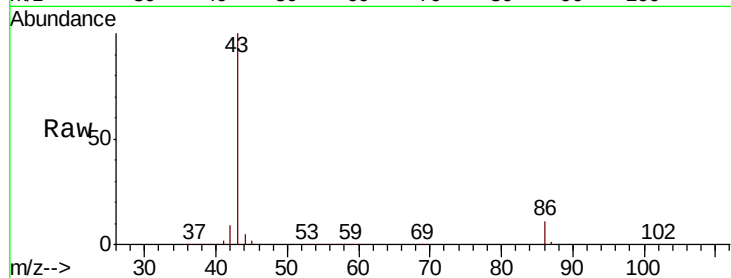
ClientSampleId :

Tot Ion: 43 Resp: 1446399

Ion Ratio Lower Upper

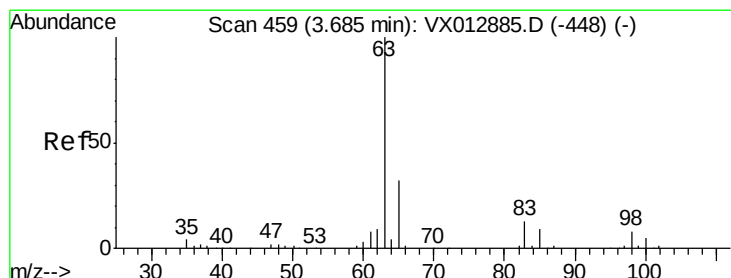
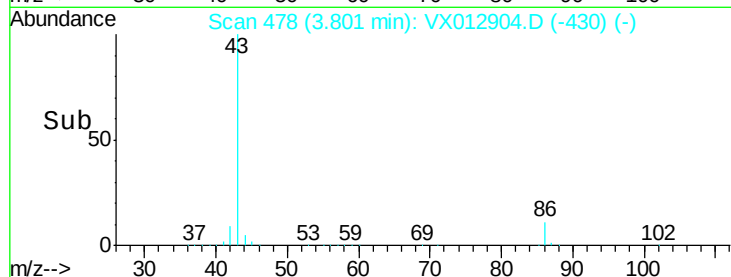
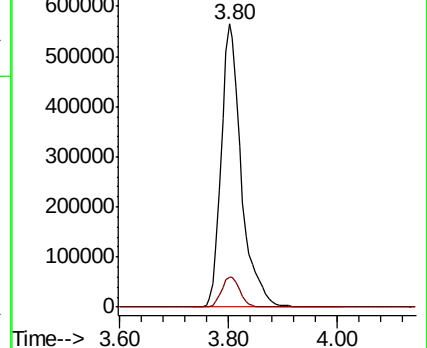
43 100

86 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.834 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

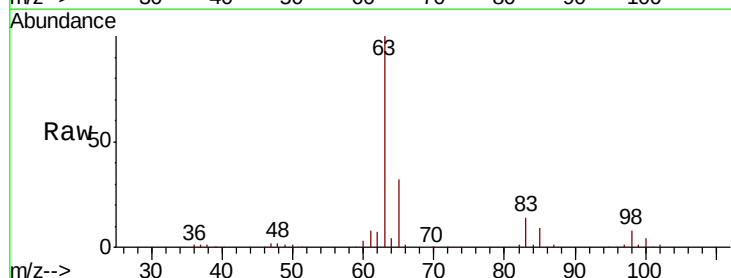
Tgt Ion: 63 Resp: 184088

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

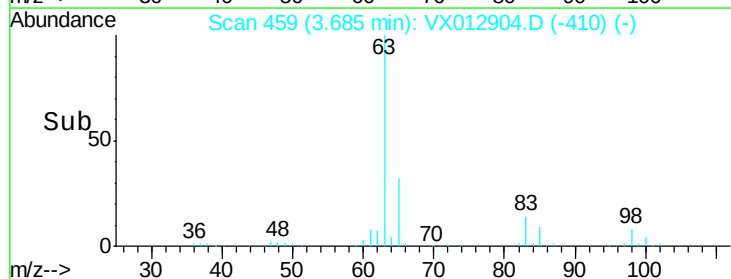
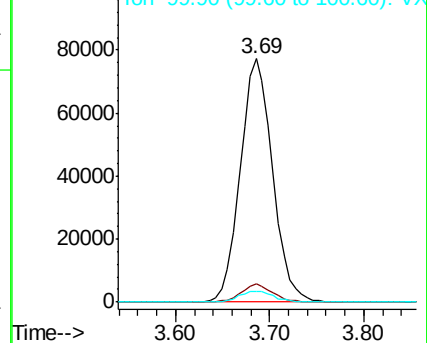
100 4.4 2.3 6.9

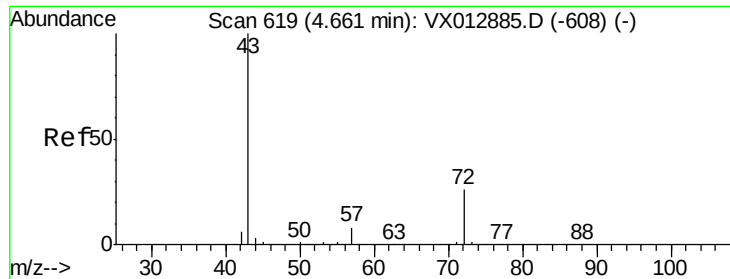


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.349 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

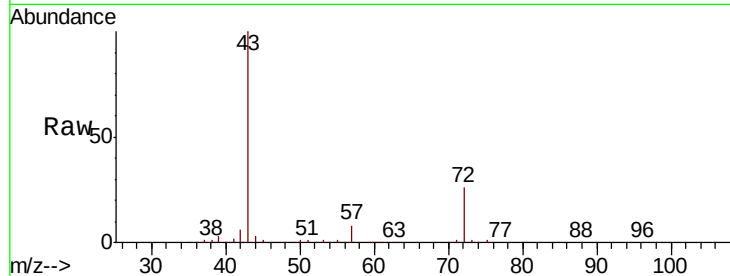
ClientSampleId :

Tot Ion: 43 Resp: 425737

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

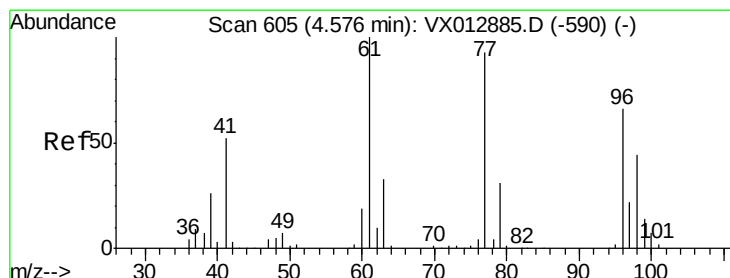
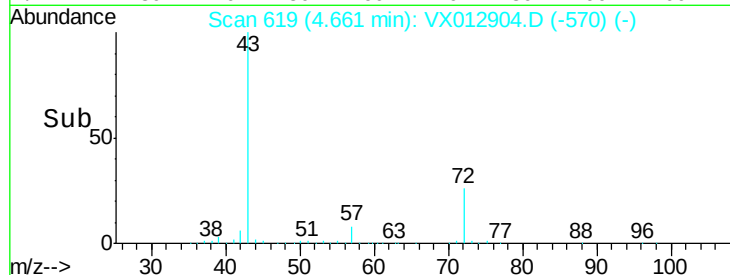
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.949 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX012904.D

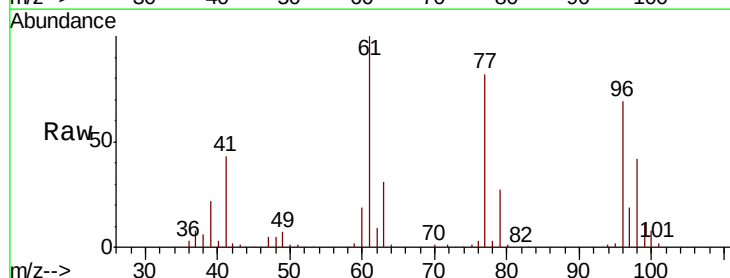
Acq: 08 Oct 2019 21:19

Tgt Ion: 77 Resp: 140491

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

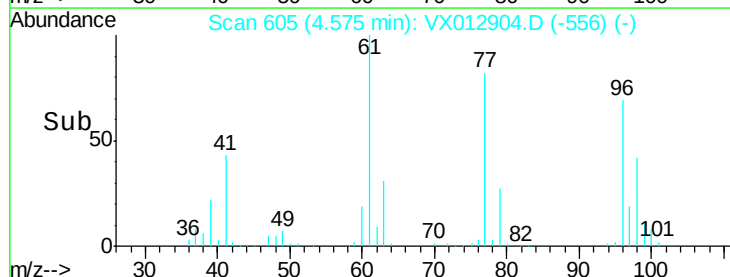
30000

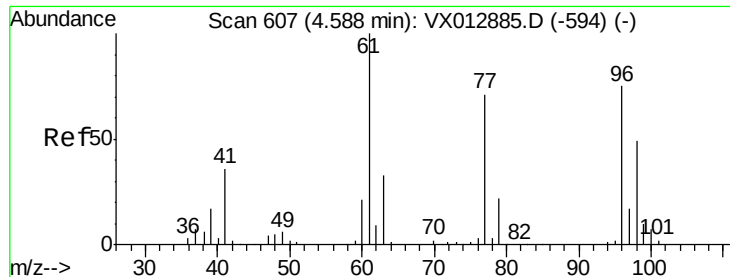
20000

10000

0

Time-->



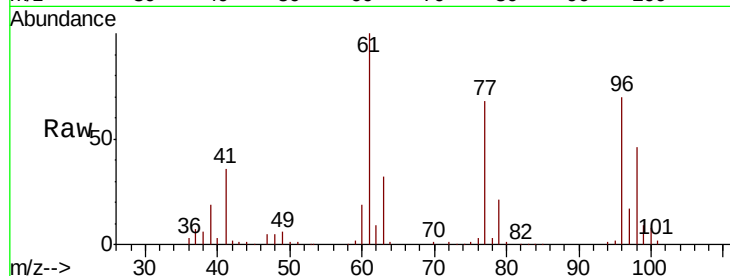


#27

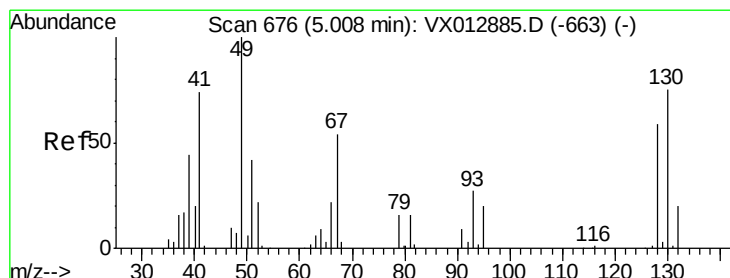
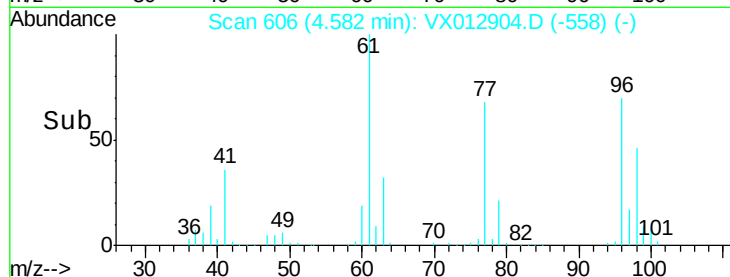
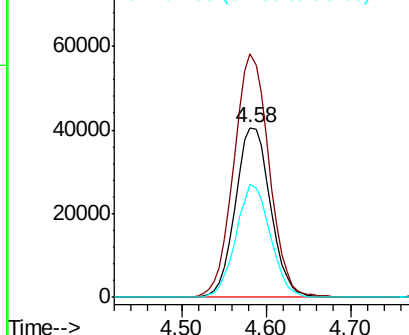
cis-1,2-Dichloroethene
Concen: 50.898 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	290.6
98	65.2	0.0	128.8



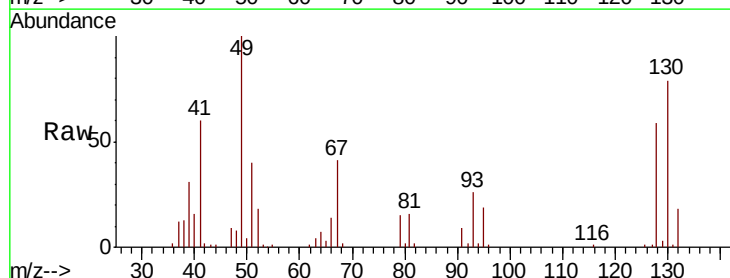
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



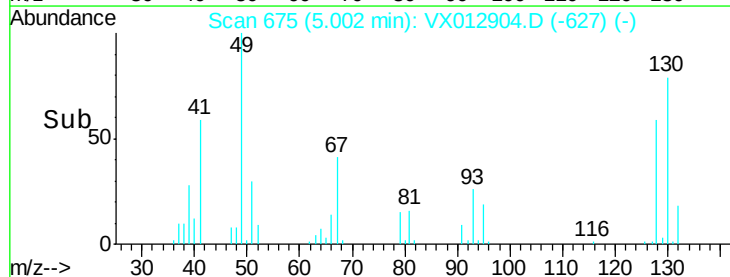
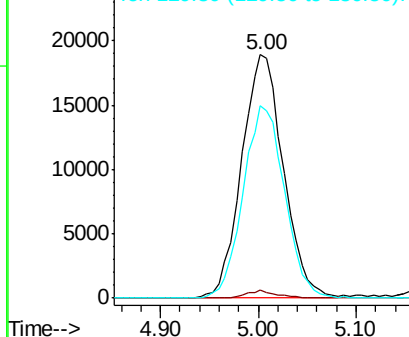
#28

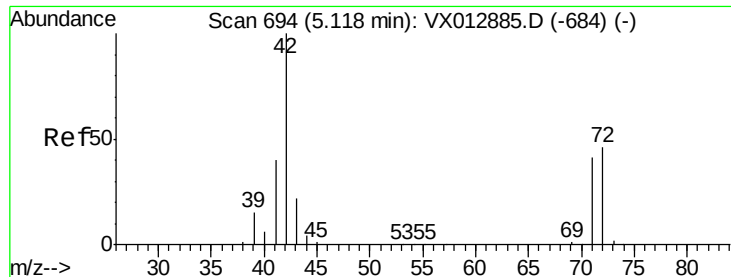
Bromochloromethane
Concen: 53.811 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	78.2	62.1	93.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

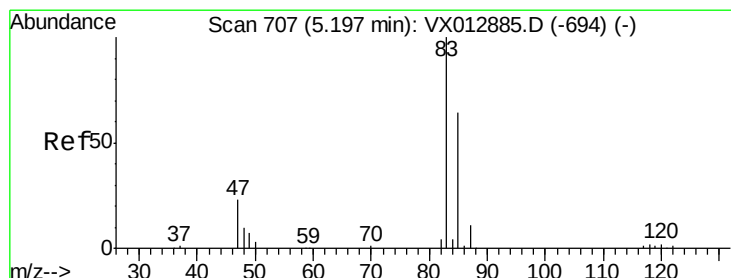
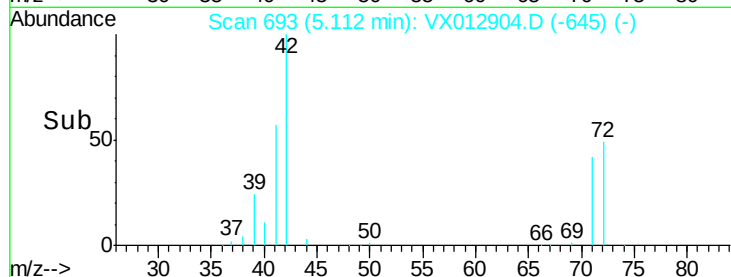
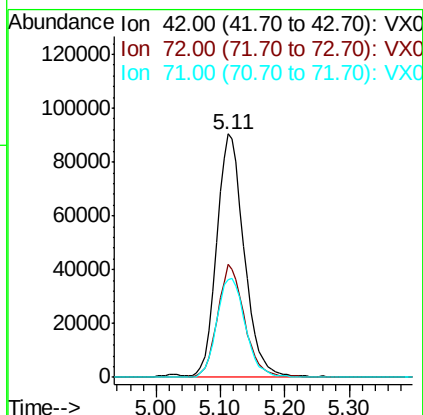
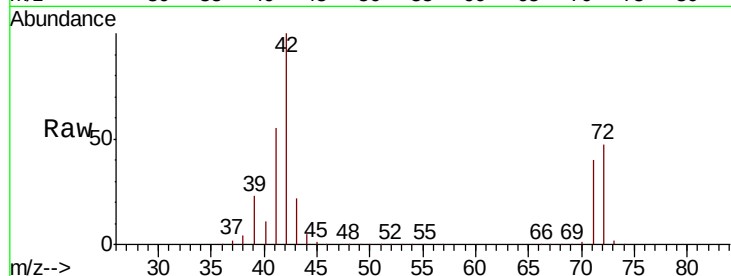




#29
Tetrahydrofuran
Concen: 267.888 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

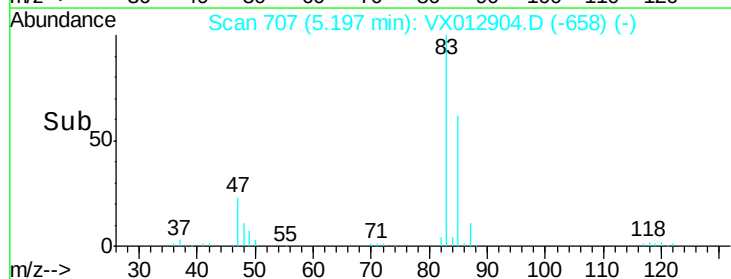
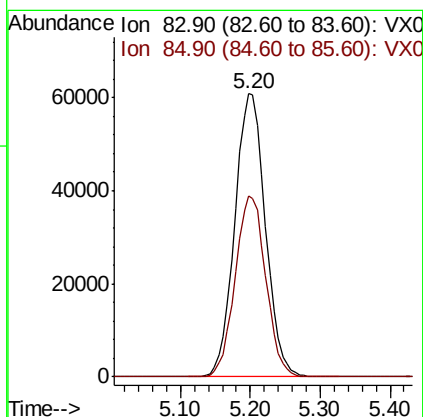
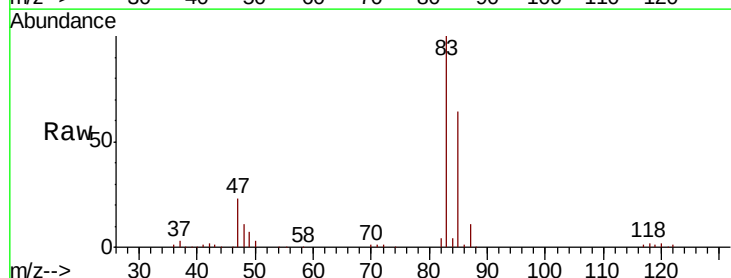
Instrument :
MSVOA_X
ClientSampleId :

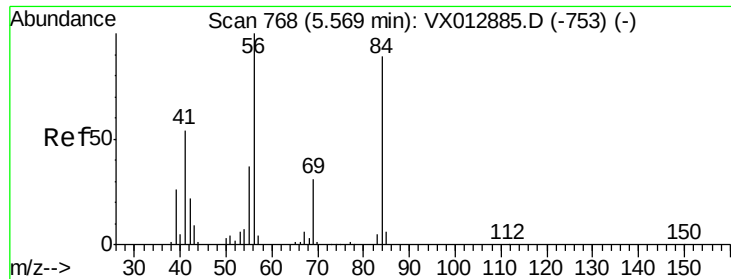
Tot Ion: 42 Resp: 270610
Ion Ratio Lower Upper
42 100
72 45.8 36.9 55.3
71 42.4 33.5 50.3



#30
Chloroform
Concen: 51.657 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 83 Resp: 184685
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3

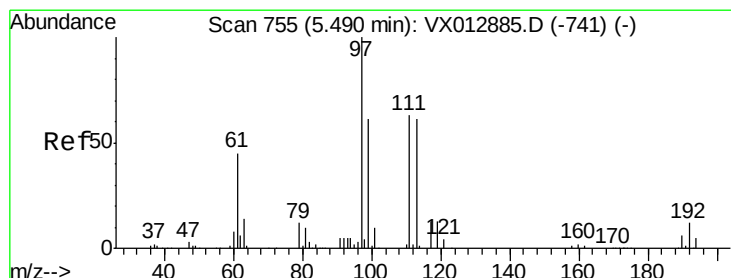
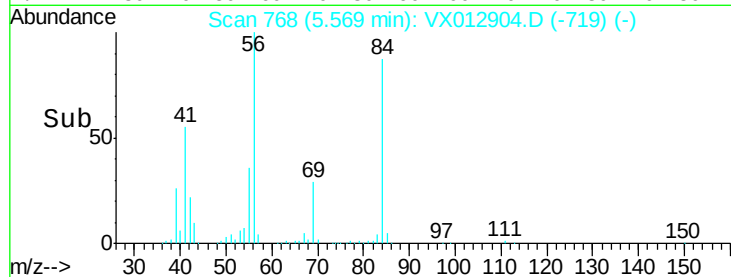
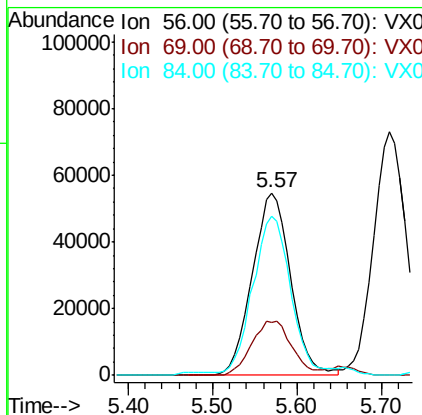
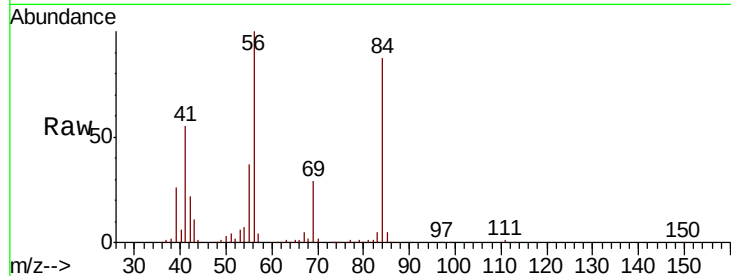




#31
Cyclohexane
Concen: 52.232 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

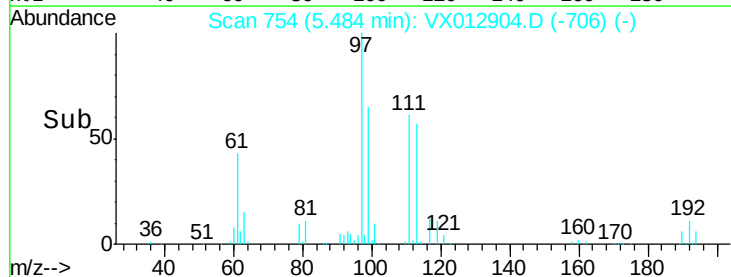
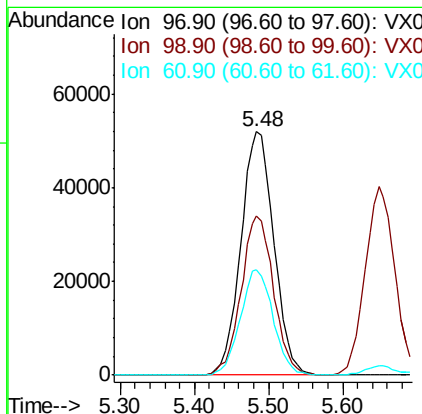
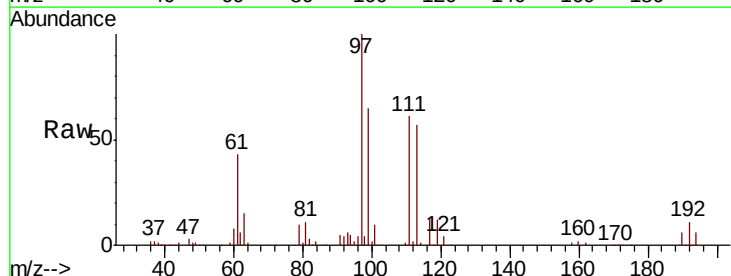
Instrument :
MSVOA_X
ClientSampleId :

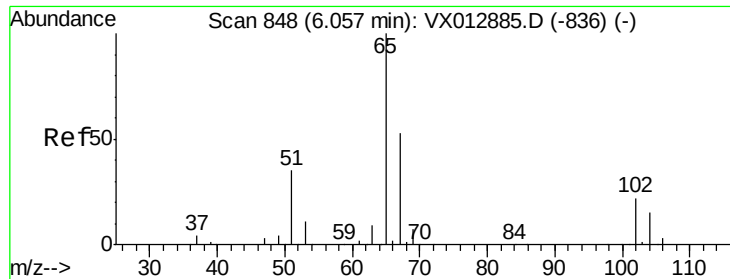
Tot Ion: 56 Resp: 170175
Ion Ratio Lower Upper
56 100
69 29.3 25.2 37.8
84 85.8 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 53.264 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 97 Resp: 161352
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 43.0 35.0 52.4

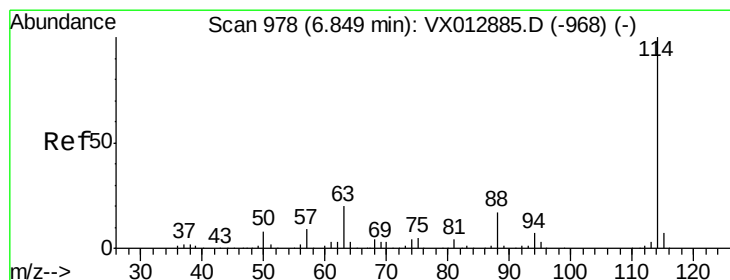
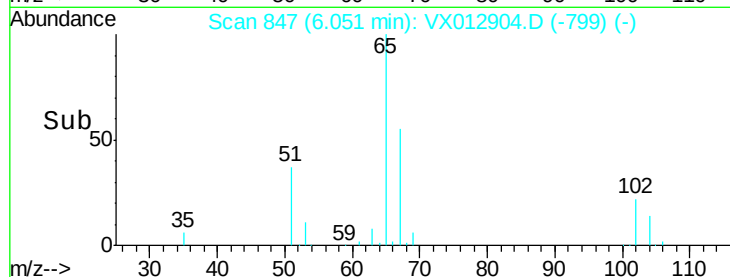
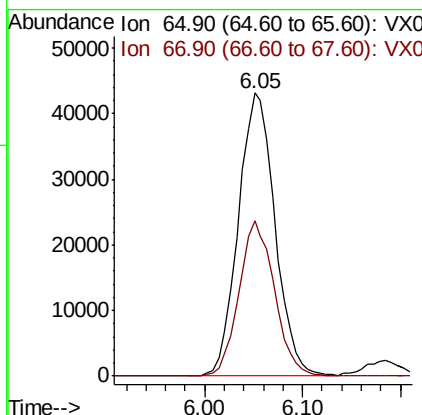
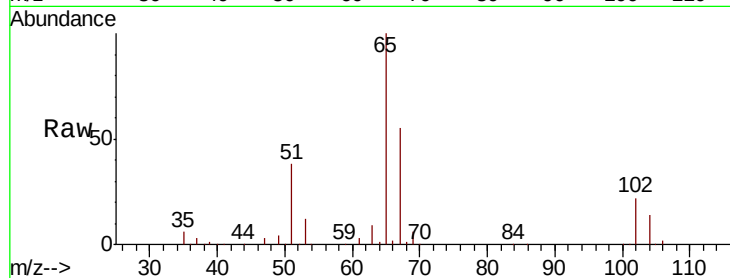




#33
 1,2-Dichloroethane-d4
 Concen: 50.046 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

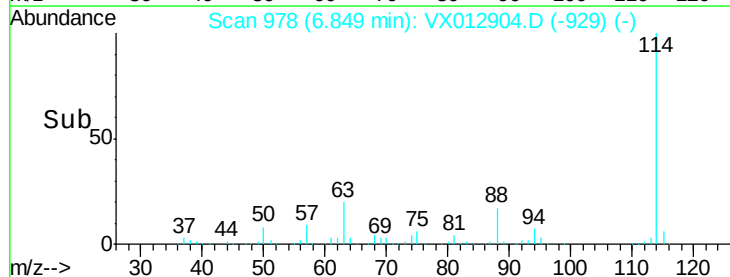
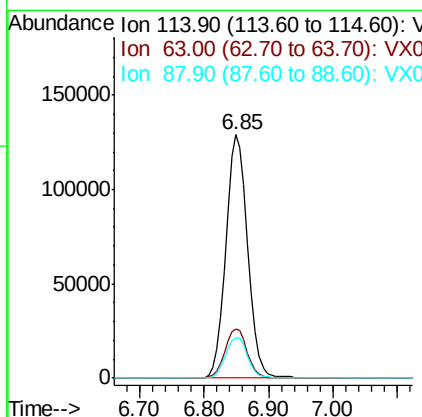
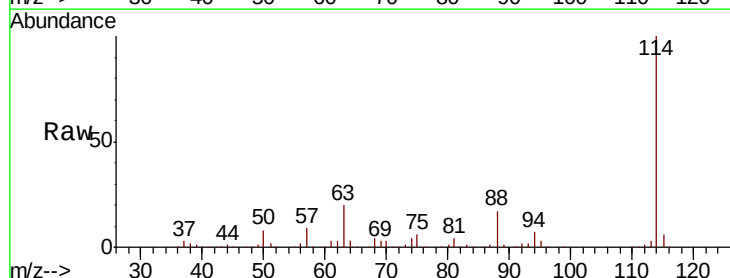
Instrument :
 MSVOA_X
 ClientSampleId :

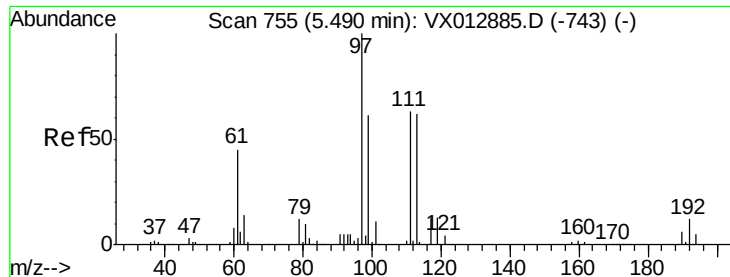
Tot Ion: 65 Resp: 112343
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 114 Resp: 308351
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 16.6 0.0 33.8

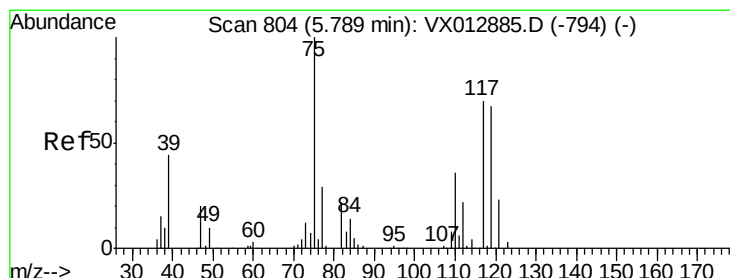
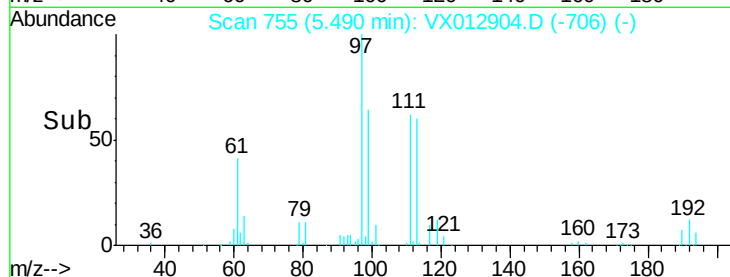
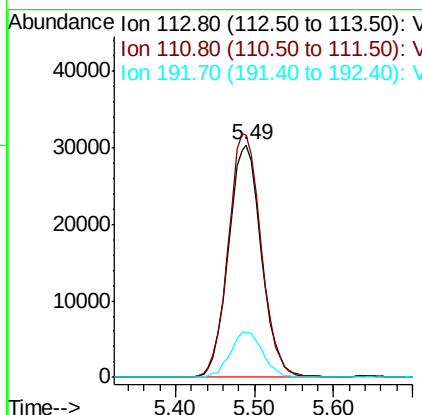
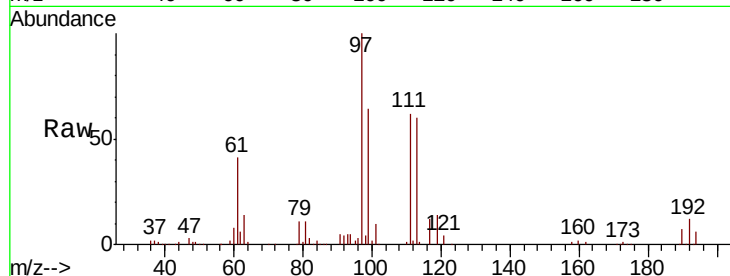




#35
 Dibromofluoromethane
 Concen: 49.694 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

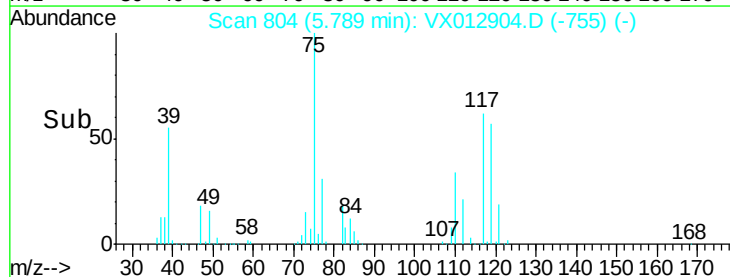
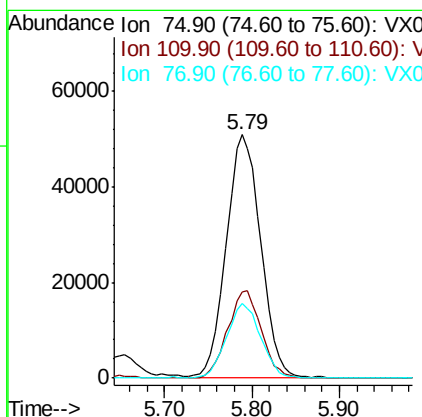
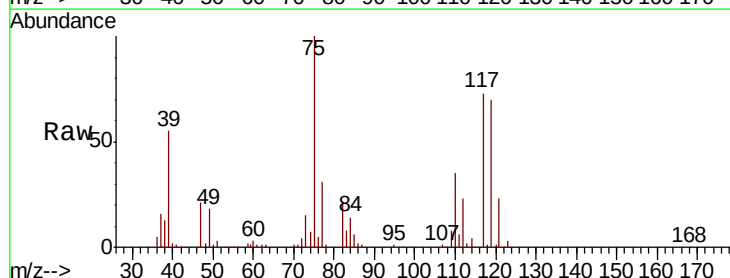
Instrument :
 MSVOA_X
 ClientSampled :

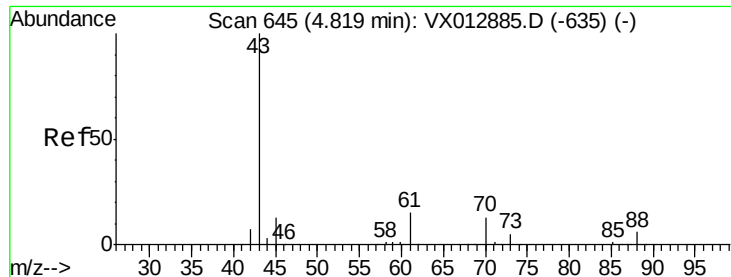
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.2	124.8
192	19.5	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 51.661 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.6	52.9
77	30.3	24.4	36.6

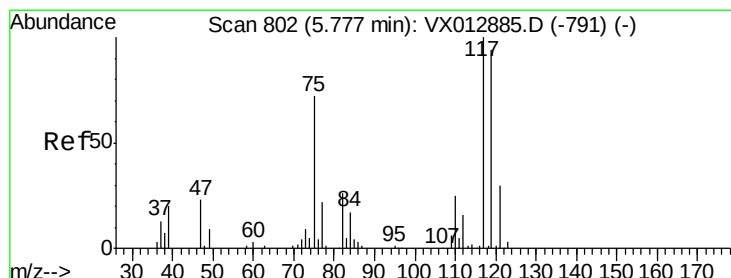
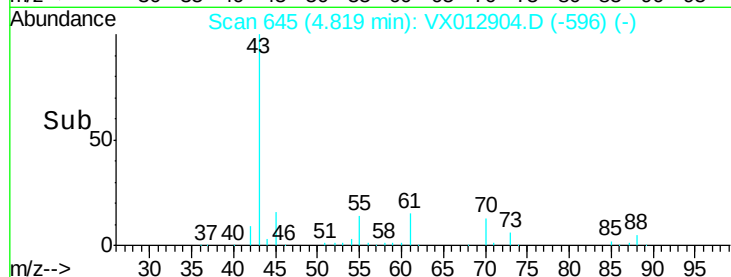
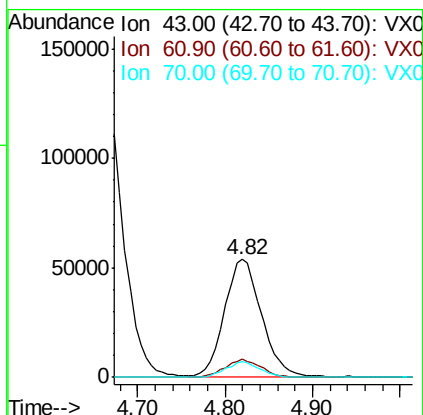
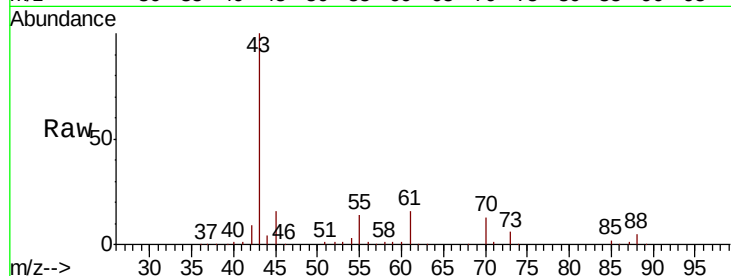




#37
Ethyl Acetate
Concen: 51.674 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

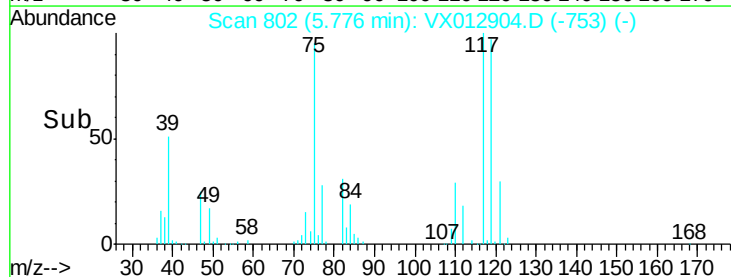
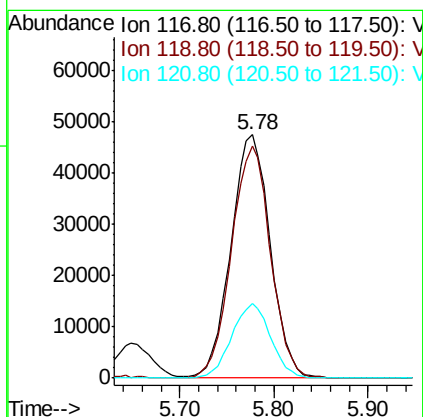
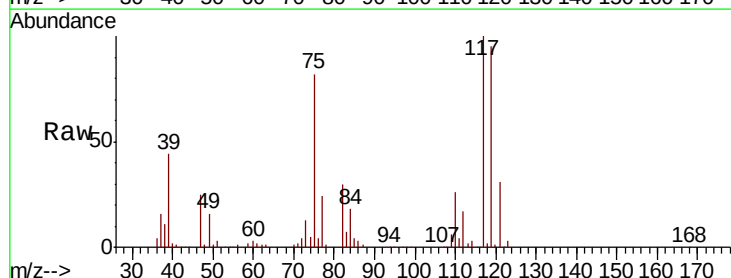
Instrument :
MSVOA_X
ClientSampled :

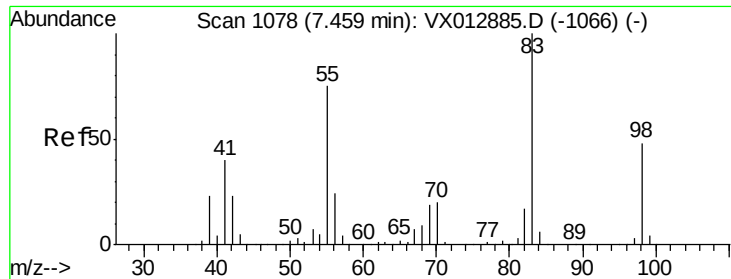
Tot Ion: 43 Resp: 156647
Ion Ratio Lower Upper
43 100
61 14.9 11.4 17.0
70 12.3 9.8 14.6



#38
Carbon Tetrachloride
Concen: 52.102 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 117 Resp: 137485
Ion Ratio Lower Upper
117 100
119 95.3 74.5 111.7
121 30.9 24.2 36.4

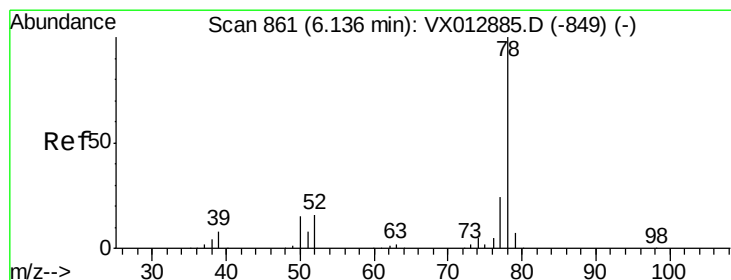
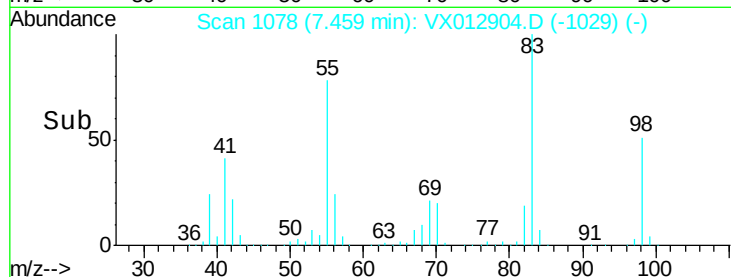
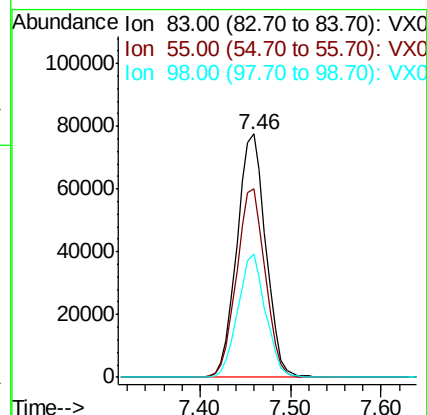
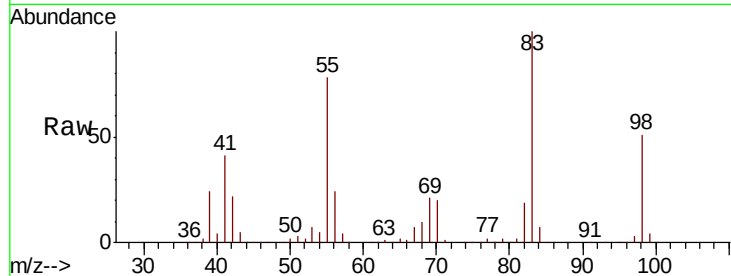




#39
Methylvlcyclohexane
Concen: 51.945 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

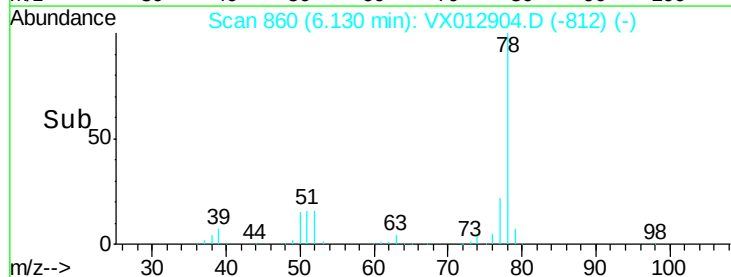
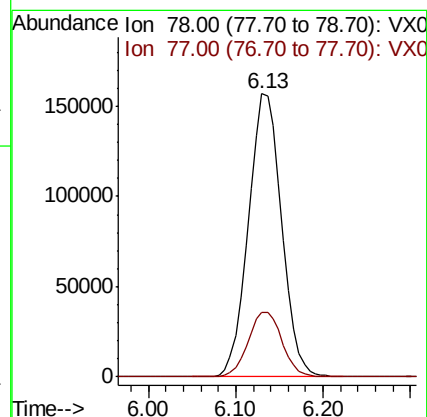
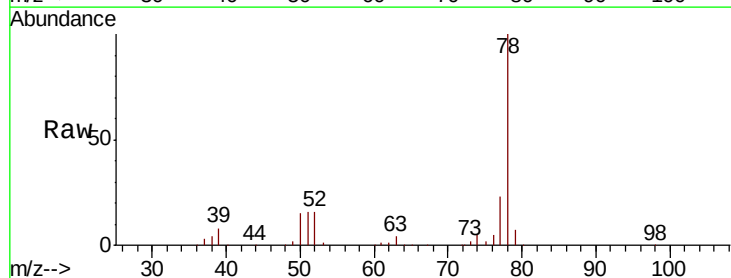
Instrument :
MSVOA_X
ClientSampled :

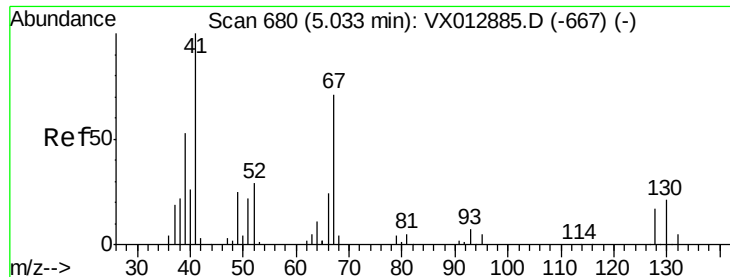
Tot Ion: 83 Resp: 170782
Ion Ratio Lower Upper
83 100
55 77.7 60.2 90.4
98 50.8 38.5 57.7



#40
Benzene
Concen: 51.729 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 78 Resp: 414198
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4





#41

Methacrylonitrile

Concen: 52.098 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 86783

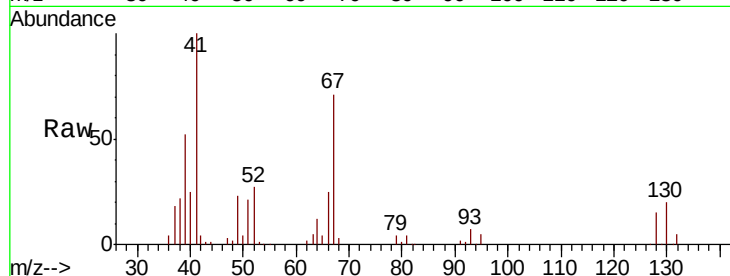
Ion Ratio Lower Upper

41 100

39 54.0 44.0 66.0

67 72.8 58.5 87.7

52 29.5 23.8 35.8

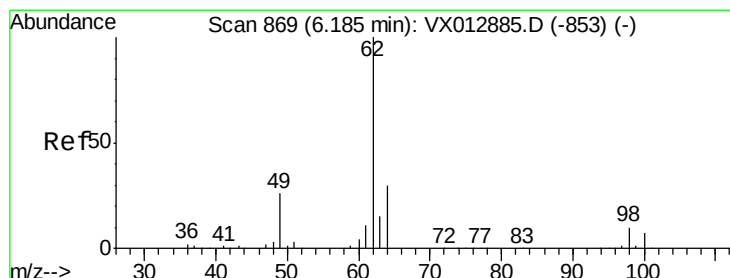
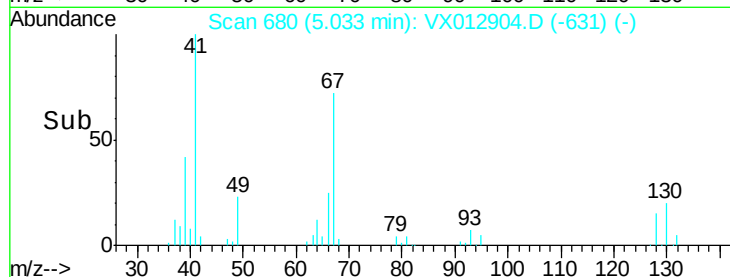
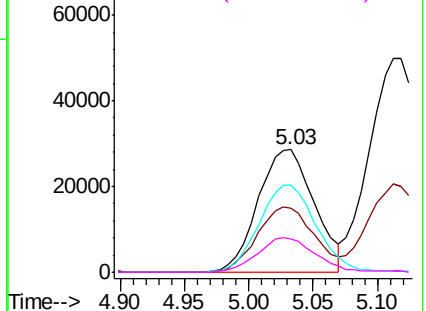


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.032 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012904.D

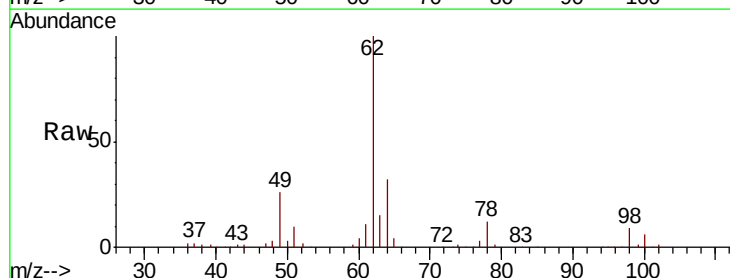
Acq: 08 Oct 2019 21:19

Tgt Ion: 62 Resp: 149497

Ion Ratio Lower Upper

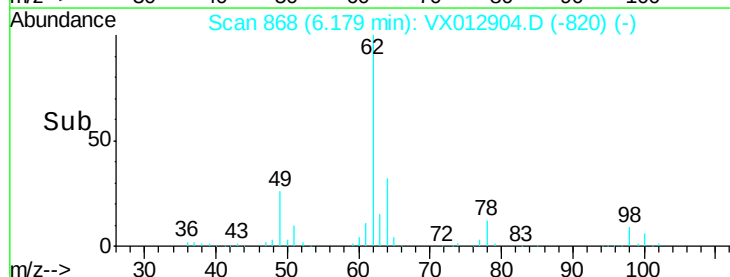
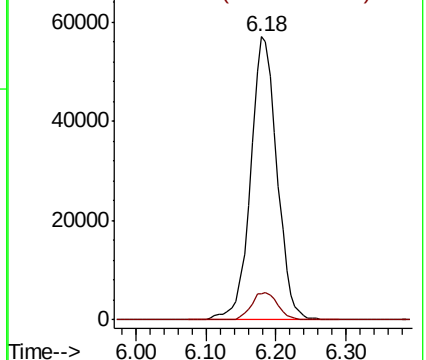
62 100

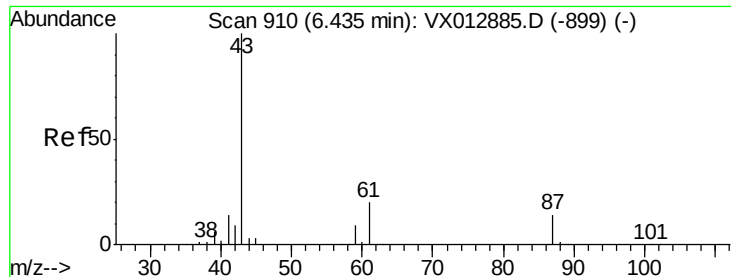
98 9.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.880 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

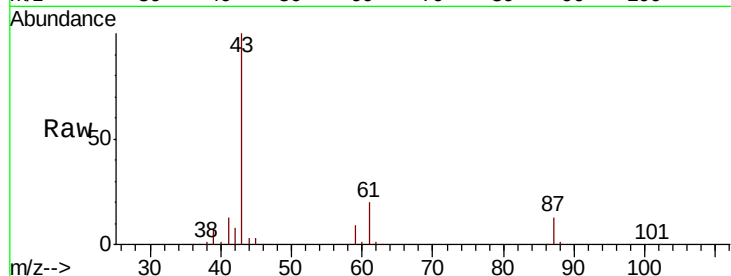
Tot Ion: 43 Resp: 257291

Ion Ratio Lower Upper

43 100

61 20.7 16.6 24.8

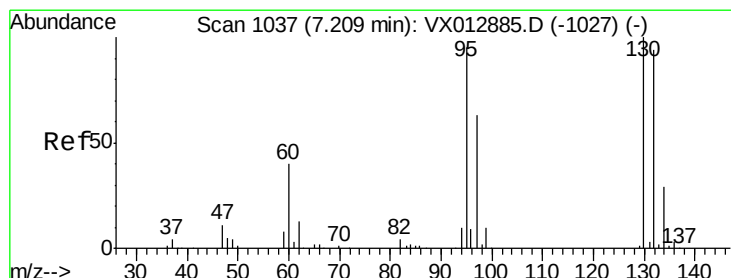
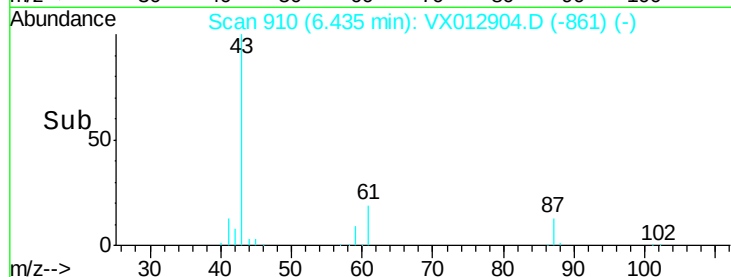
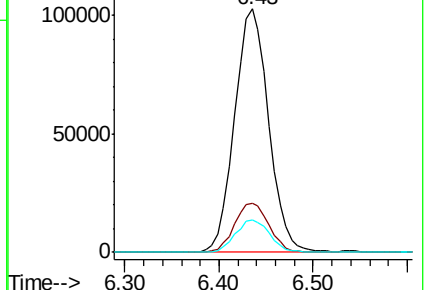
87 13.7 11.0 16.6



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: 48.496 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012904.D

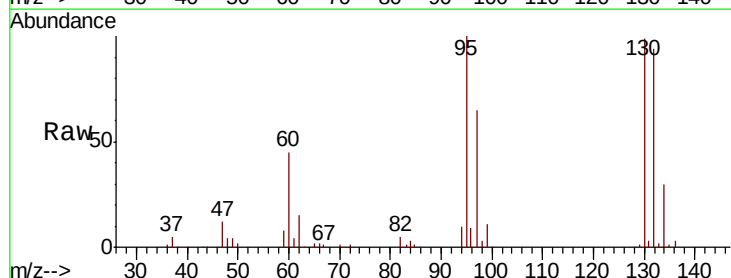
Acq: 08 Oct 2019 21:19

Tgt Ion:130 Resp: 107679

Ion Ratio Lower Upper

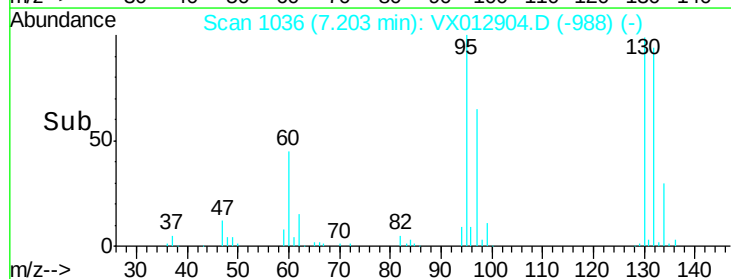
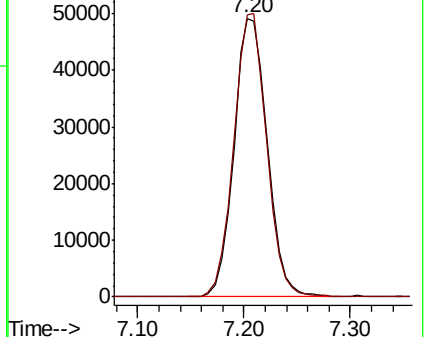
130 100

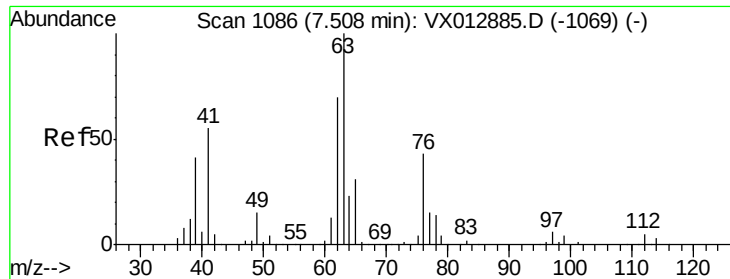
95 101.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

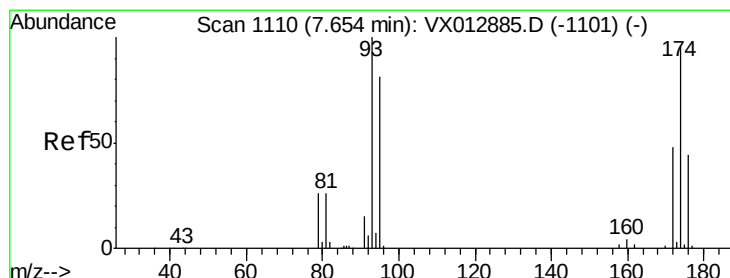
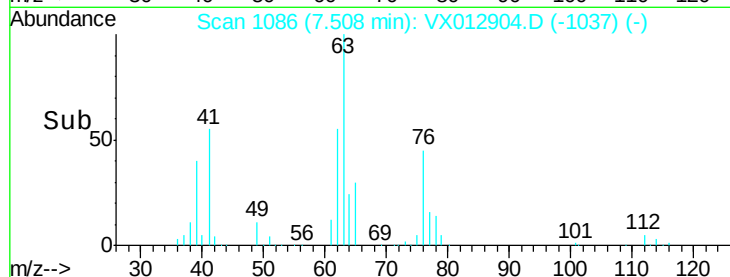
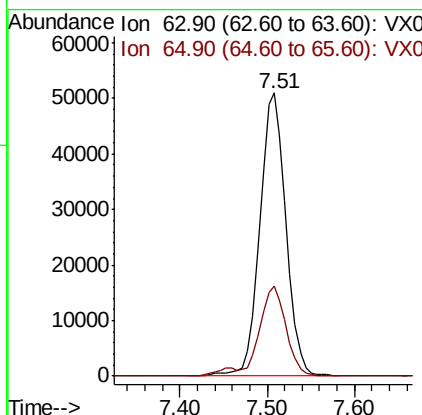
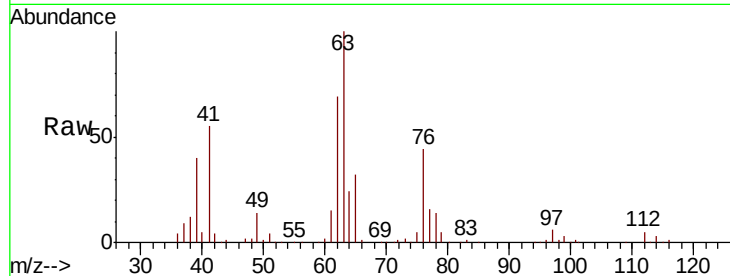




#45
 1,2-Dichloropropane
 Concen: 52.003 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

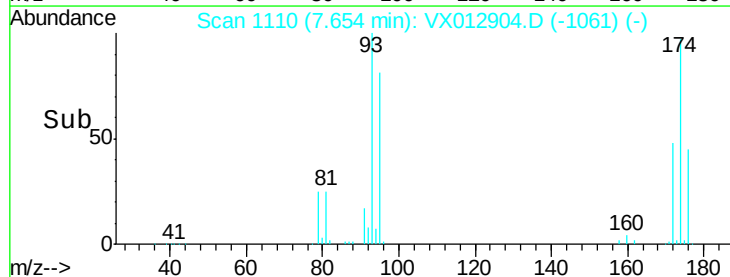
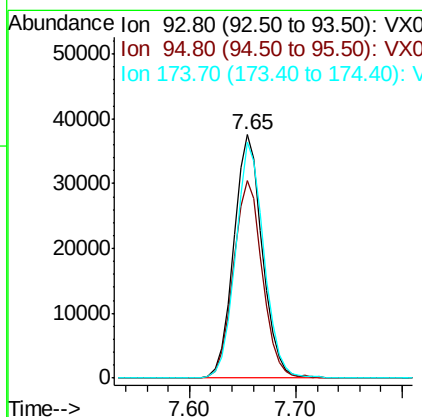
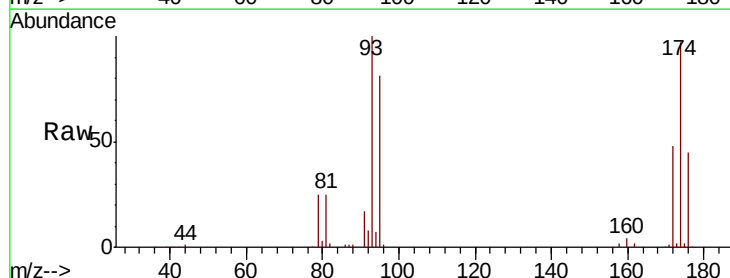
Instrument :
 MSVOA_X
 ClientSampleId :

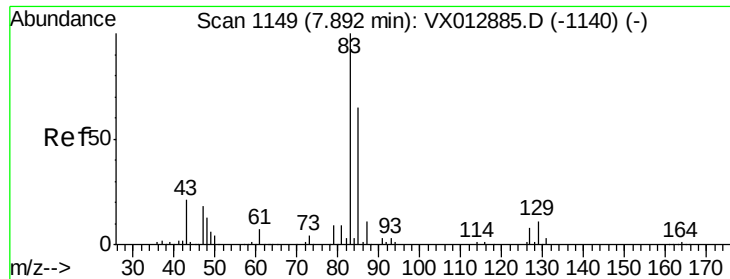
Tot Ion: 63 Resp: 106124
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0



#46
 Dibromomethane
 Concen: 52.042 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 93 Resp: 70759
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.3 99.5
 174 95.7 77.8 116.6





#47

Bromodichloromethane

Concen: 52.995 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

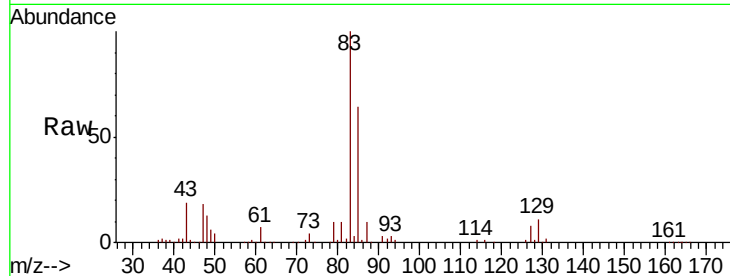
Tot Ion: 83 Resp: 140616

Ion Ratio Lower Upper

83 100

85 64.2 52.4 78.6

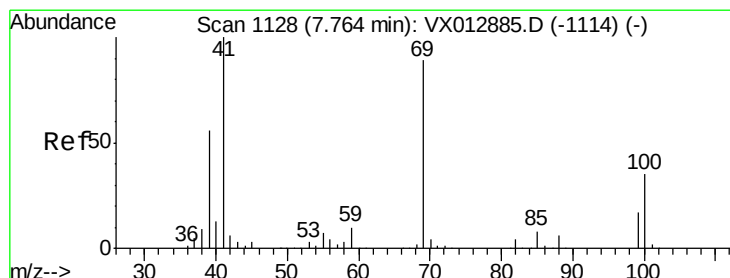
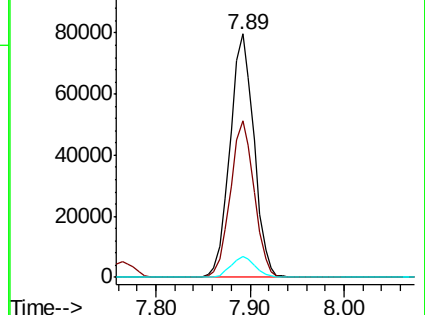
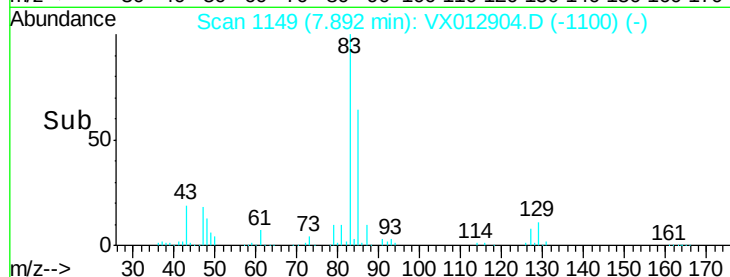
127 8.5 6.6 10.0



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: 52.960 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

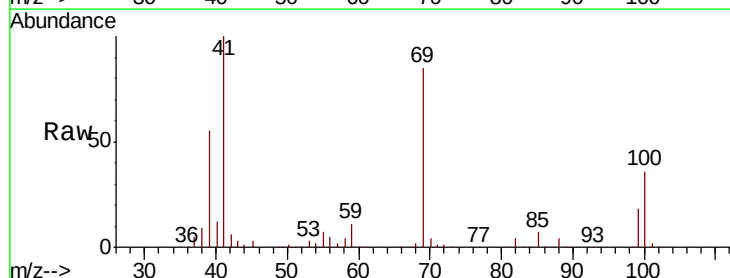
Tgt Ion: 41 Resp: 125572

Ion Ratio Lower Upper

41 100

69 83.9 68.7 103.1

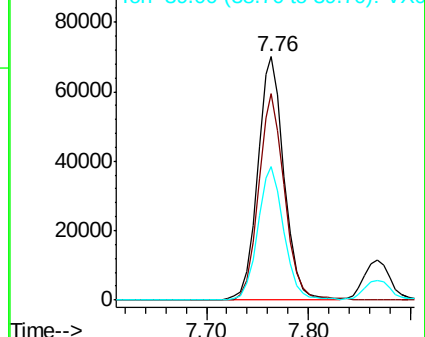
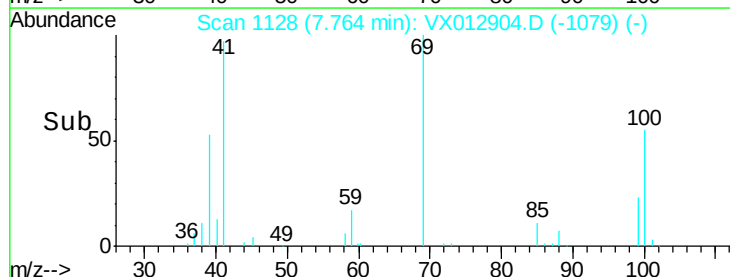
39 54.6 44.3 66.5

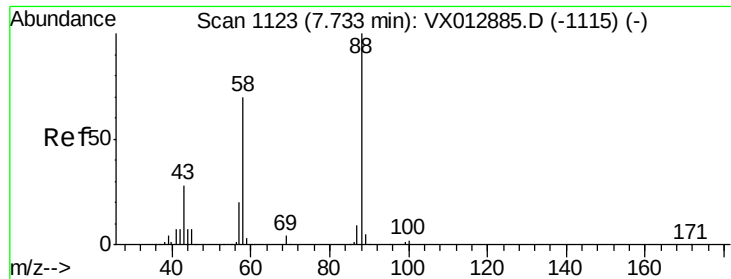


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

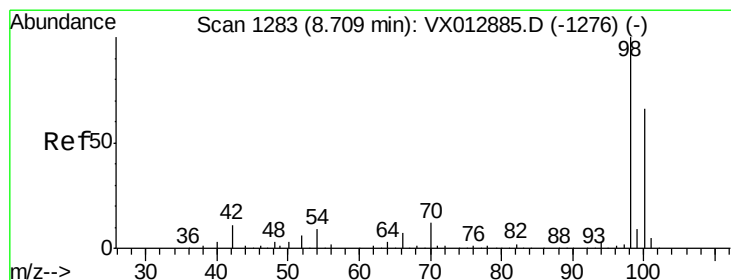
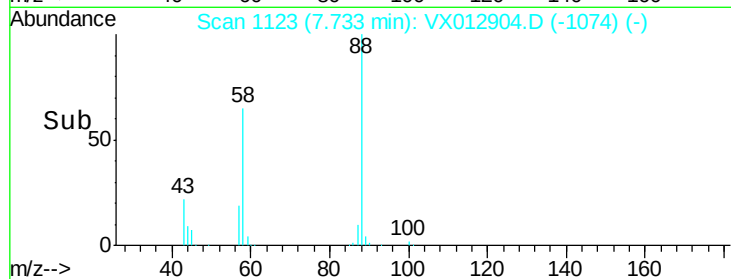
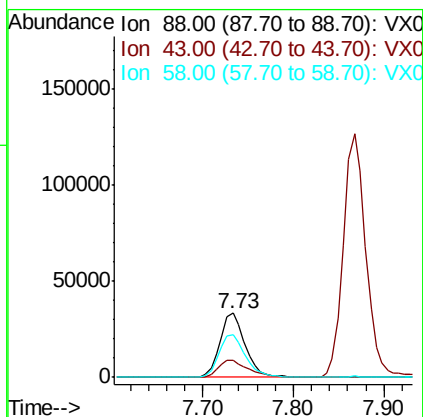
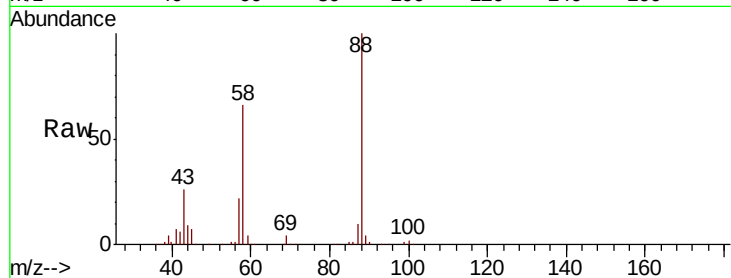




#49
1,4-Dioxane
Concen: 1020.098 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

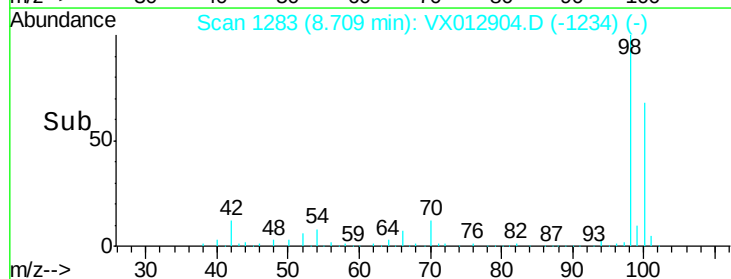
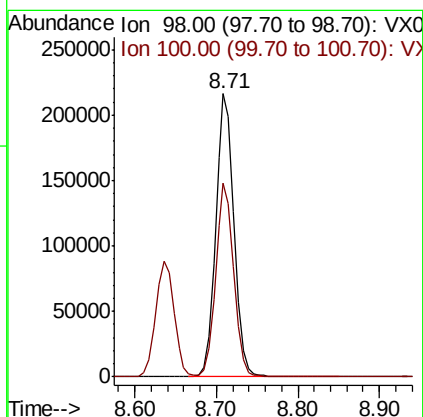
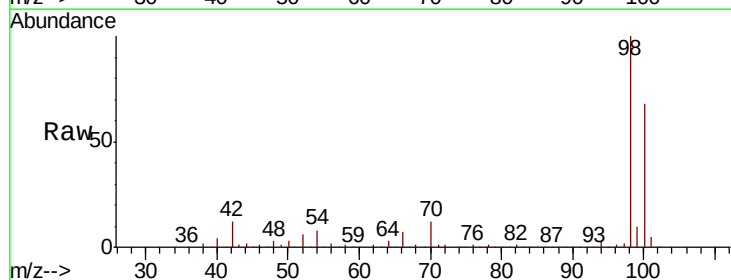
Instrument :
MSVOA_X
ClientSampleId :

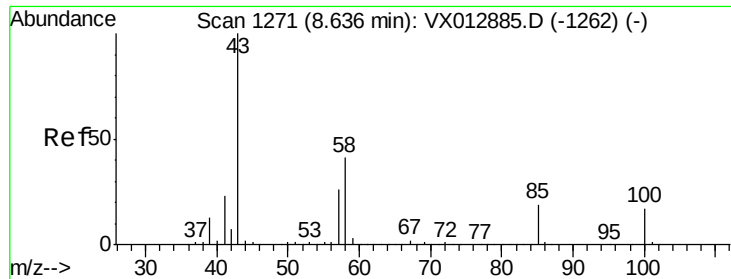
Tot Ion: 88 Resp: 64954
Ion Ratio Lower Upper
88 100
43 31.9 25.0 37.6
58 70.2 55.4 83.2



#50
Toluene-d8
Concen: 49.307 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 98 Resp: 340341
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 267.444 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

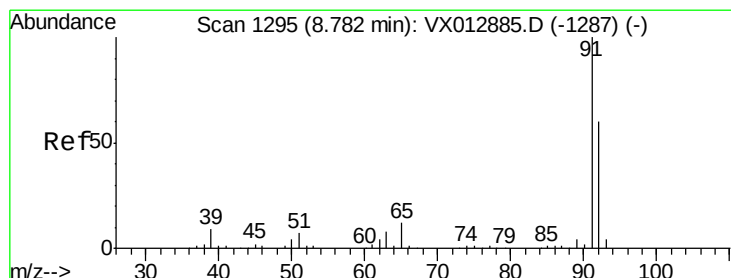
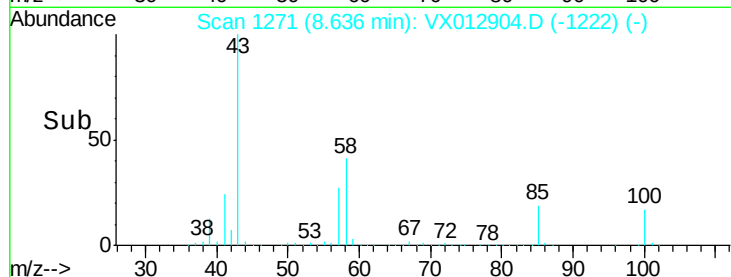
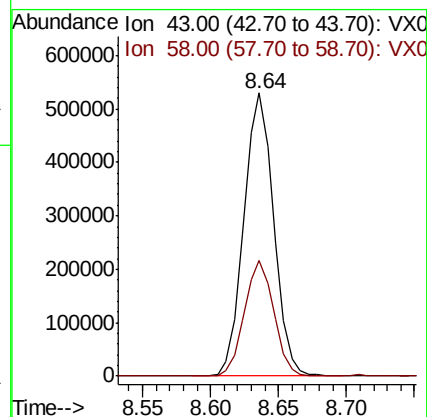
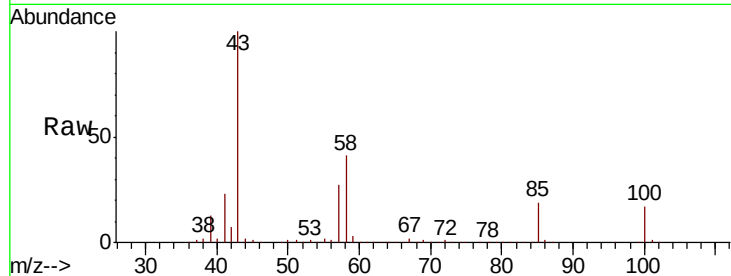
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 811314

Ion Ratio Lower Upper

43 100

58 40.5 32.4 48.6



#52

Toluene

Concen: 51.306 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012904.D

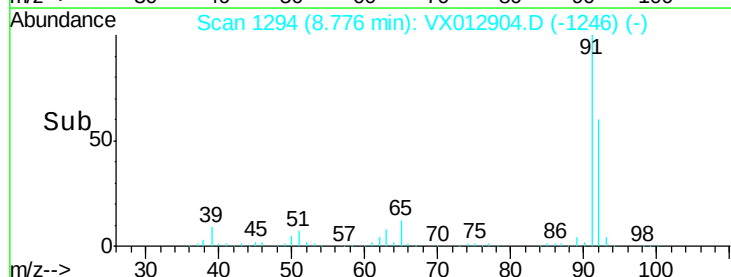
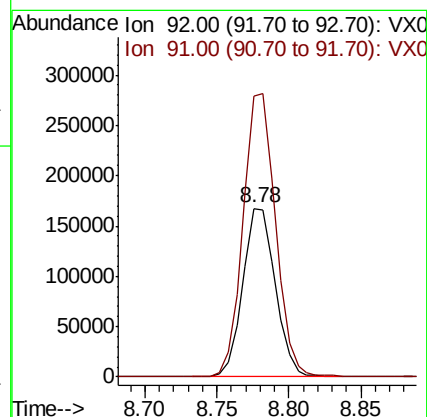
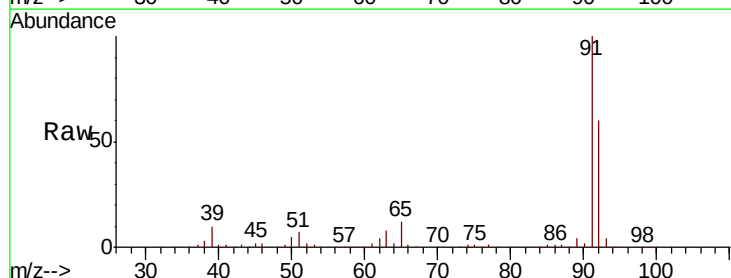
Acq: 08 Oct 2019 21:19

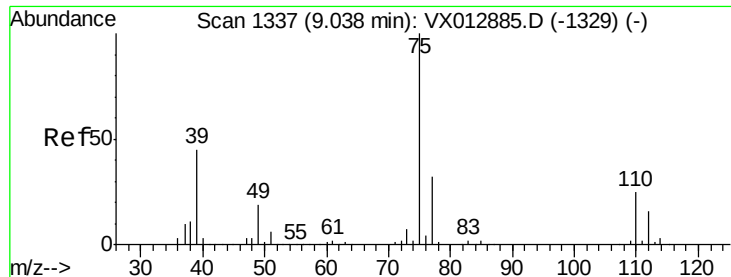
Tgt Ion: 92 Resp: 262818

Ion Ratio Lower Upper

92 100

91 168.5 135.9 203.9

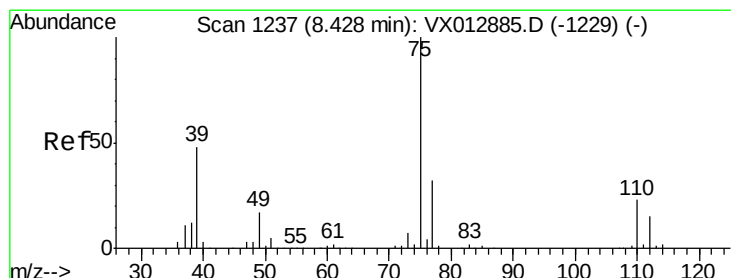
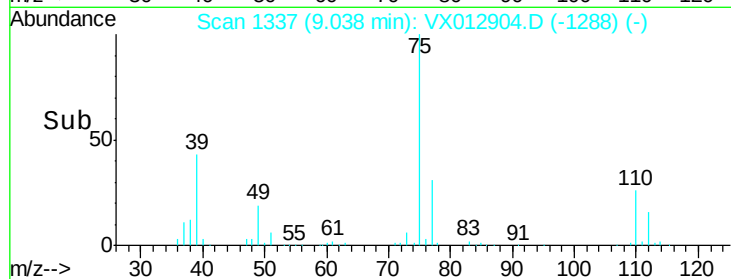
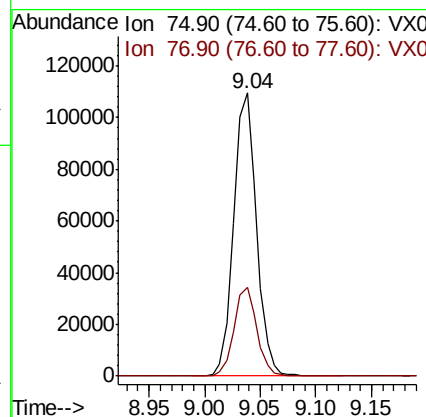
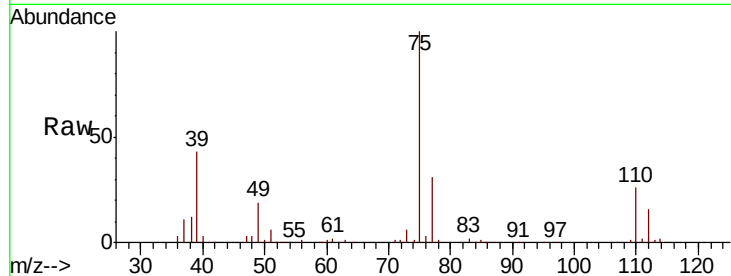




#53
 t-1,3-Dichloropropene
 Concen: 47.110 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

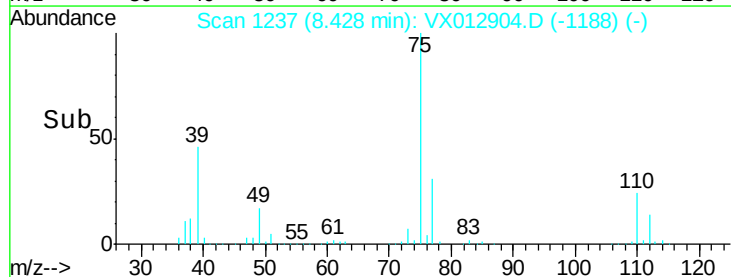
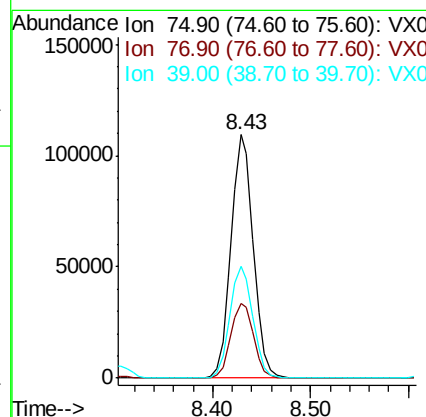
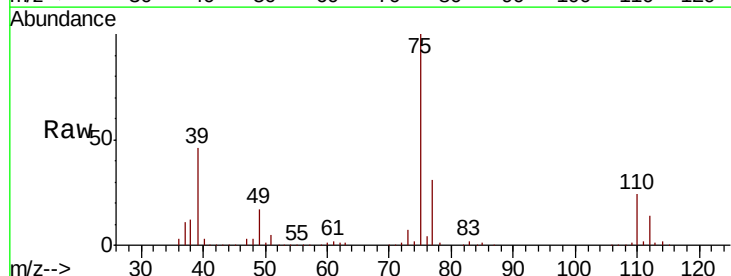
Instrument :
 MSVOA_X
 ClientSampleId :

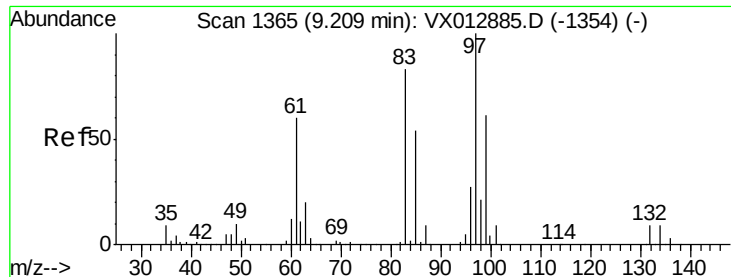
Tot Ion: 75 Resp: 155565
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.955 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 75 Resp: 172817
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.8
 39 45.9 38.2 57.2

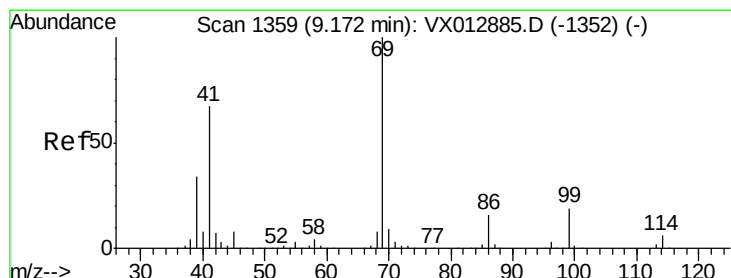
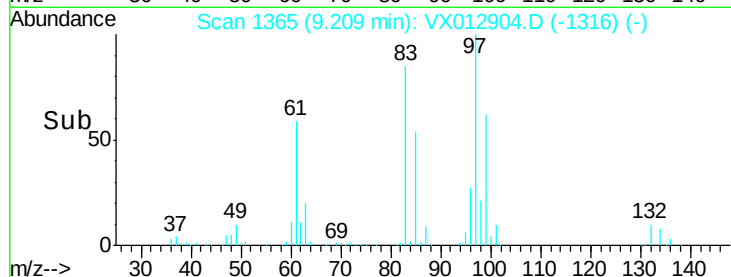
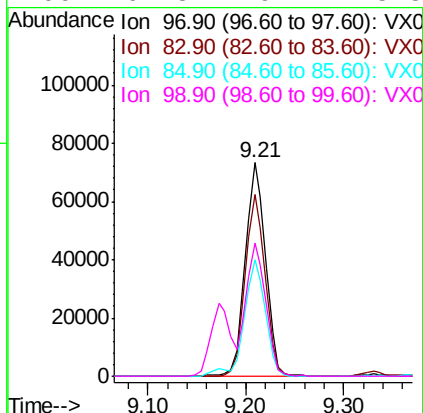
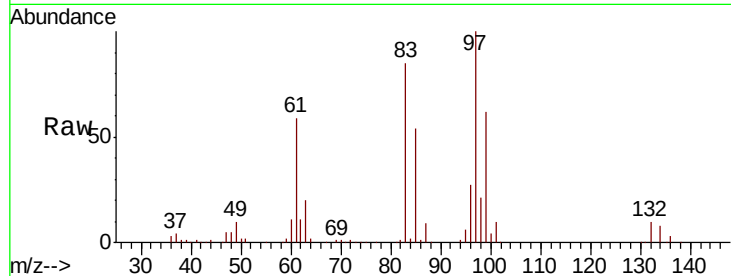




#55
 1,1,2-Trichloroethane
 Concen: 52.023 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

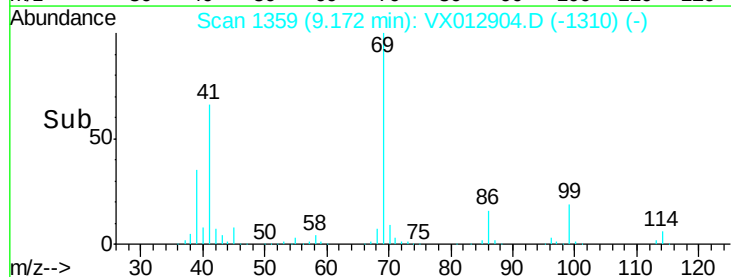
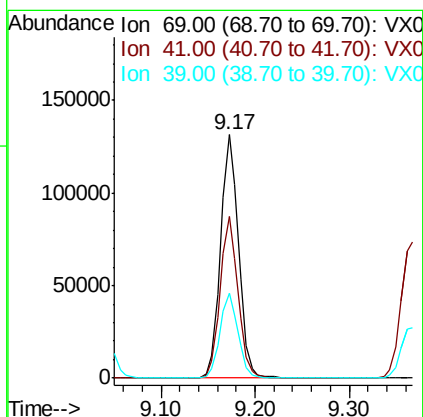
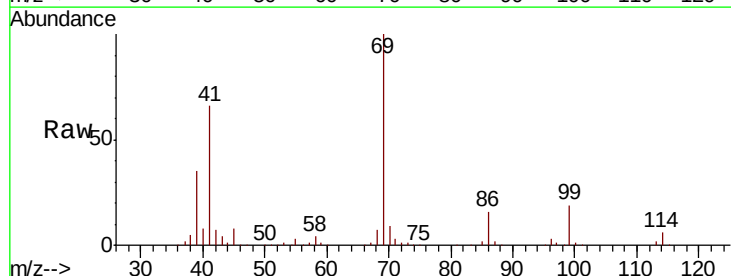
Instrument :
 MSVOA_X
 ClientSampleId :

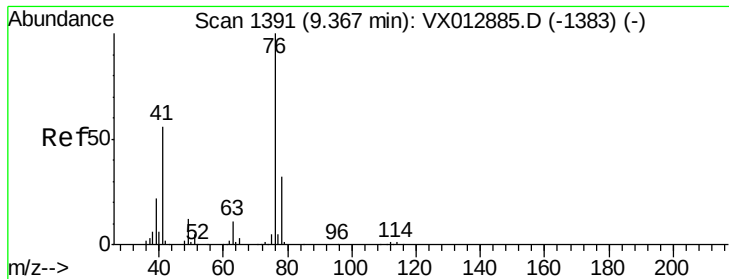
Tot Ion: 97 Resp: 105462
 Ion Ratio Lower Upper
 97 100
 83 85.0 66.5 99.7
 85 54.3 43.1 64.7
 99 62.3 49.2 73.8



#56
 Ethyl methacrylate
 Concen: 48.217 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 69 Resp: 174790
 Ion Ratio Lower Upper
 69 100
 41 66.0 52.1 78.1
 39 35.1 27.8 41.8

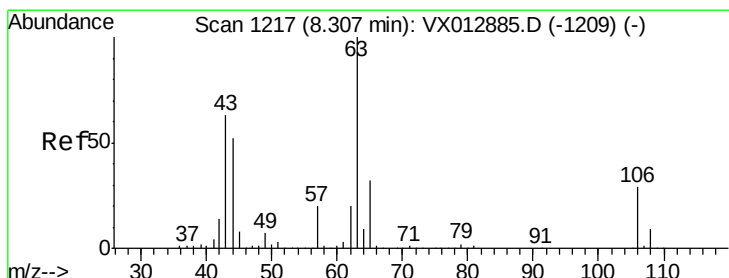
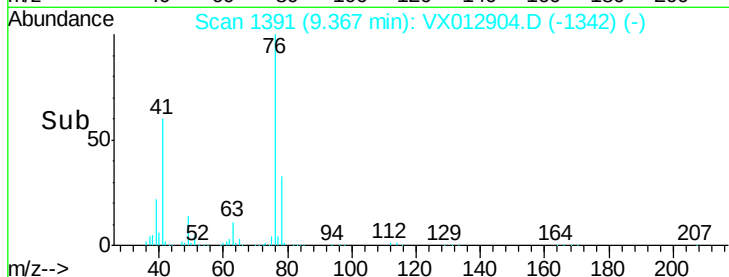
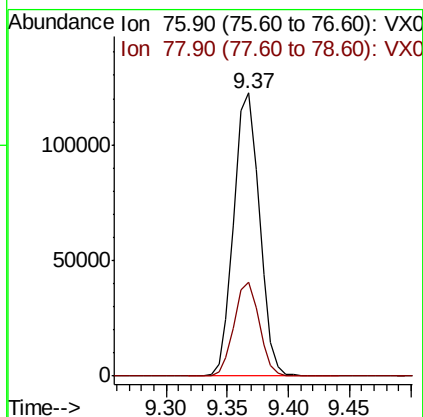
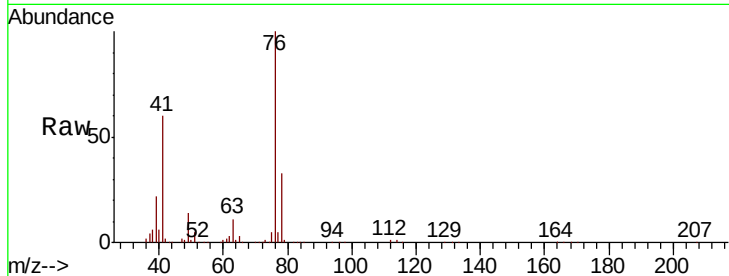




#57
 1,3-Dichloropropane
 Concen: 50.869 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

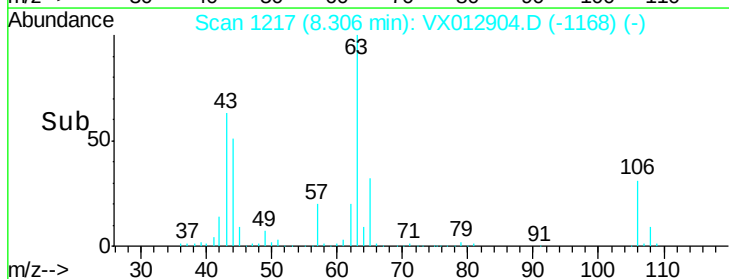
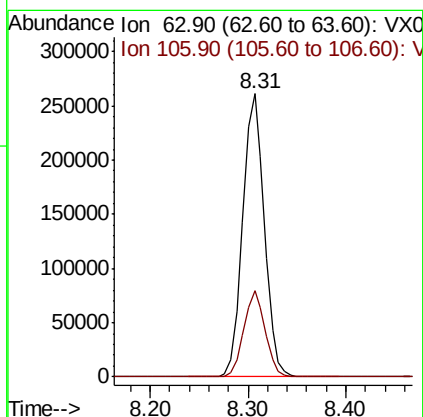
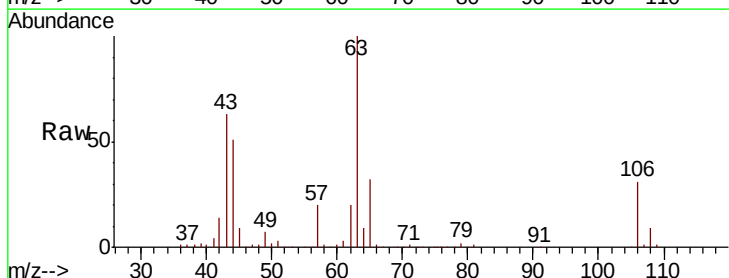
Instrument :
 MSVOA_X
 ClientSampleId :

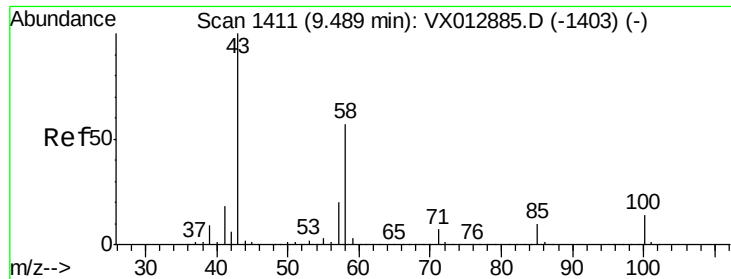
Tot Ion: 76 Resp: 178383
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 268.801 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 63 Resp: 400311
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.8

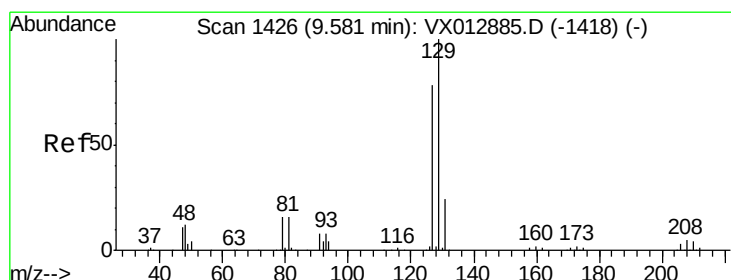
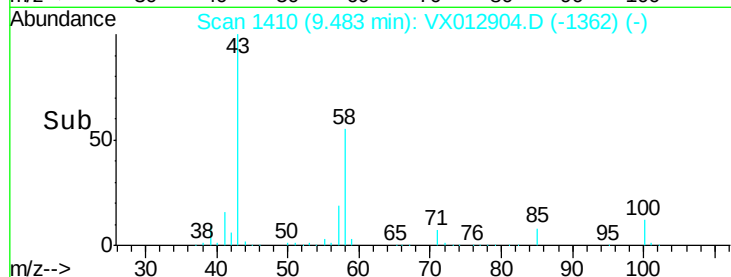
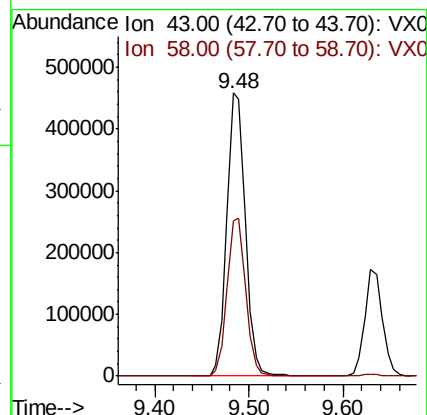
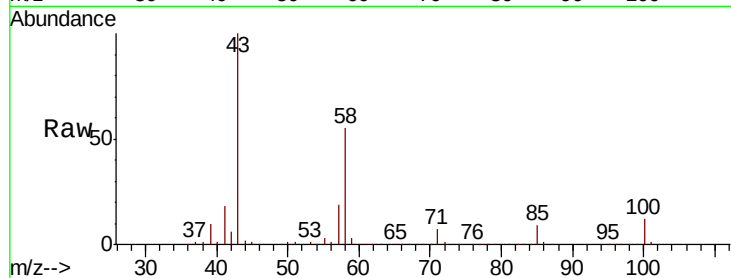




#59
2-Hexanone
Concen: 265.593 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

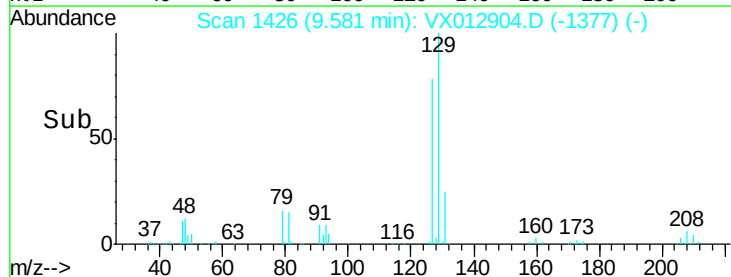
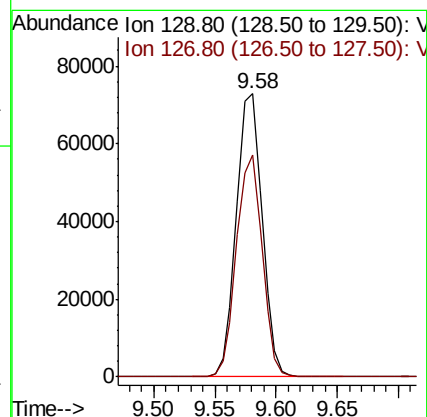
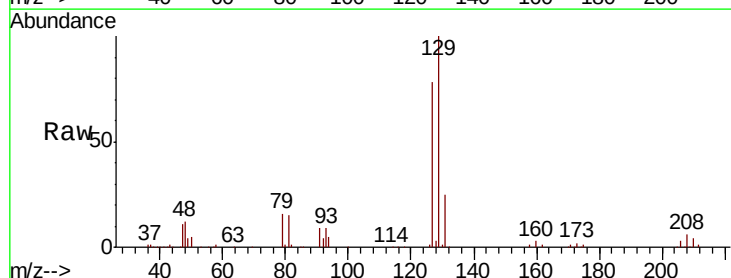
Instrument :
MSVOA_X
ClientSampleId :

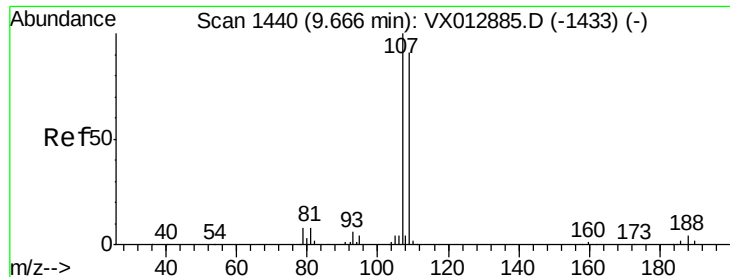
Tot Ion: 43 Resp: 627185
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3



#60
Dibromochloromethane
Concen: 47.384 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion: 129 Resp: 106668
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.096 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

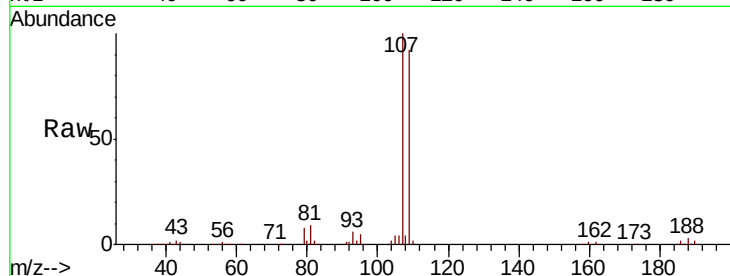
ClientSampleId :

Tot Ion:107 Resp: 111097

Ion Ratio Lower Upper

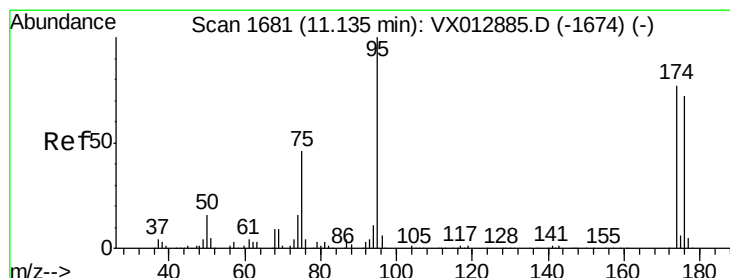
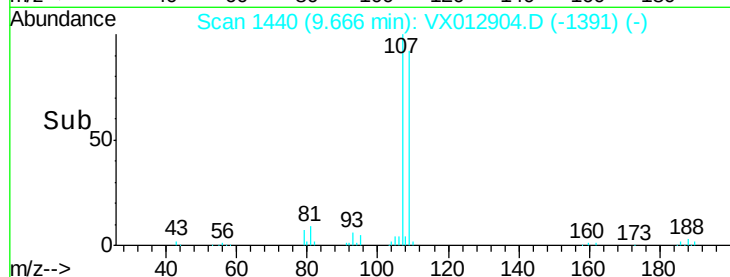
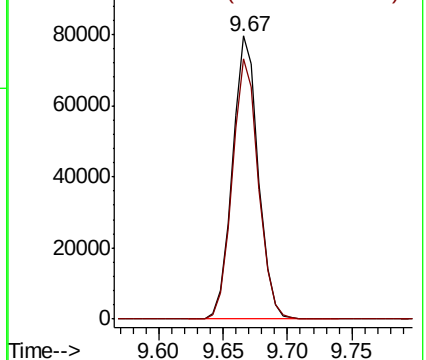
107 100

109 93.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.185 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

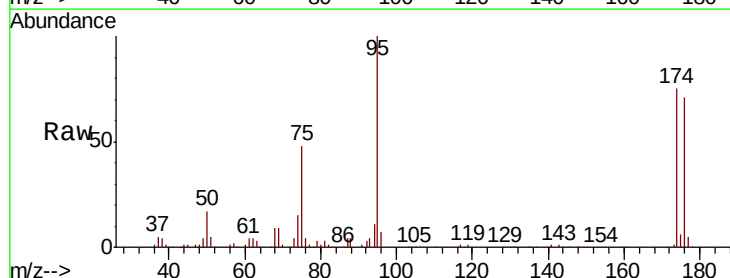
Tgt Ion: 95 Resp: 134599

Ion Ratio Lower Upper

95 100

174 69.9 0.0 143.4

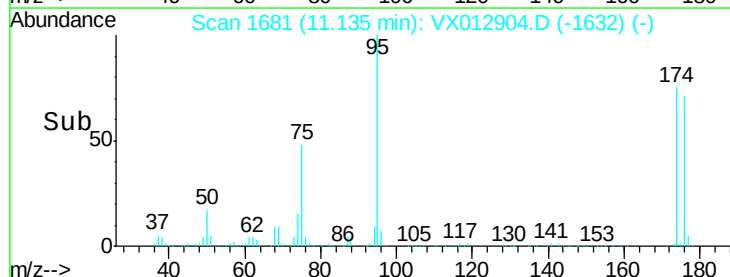
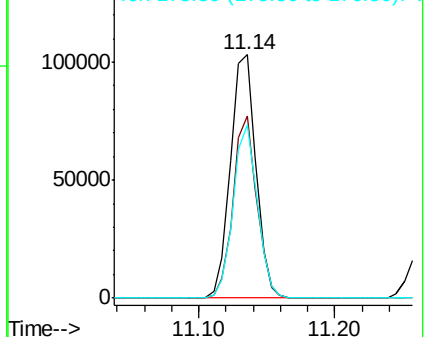
176 67.8 0.0 136.0

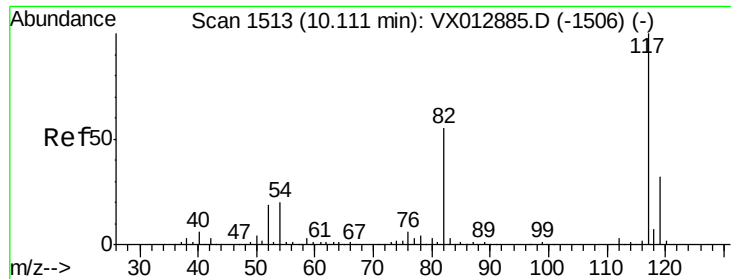


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

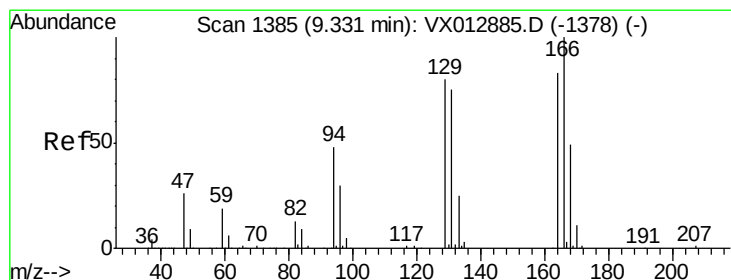
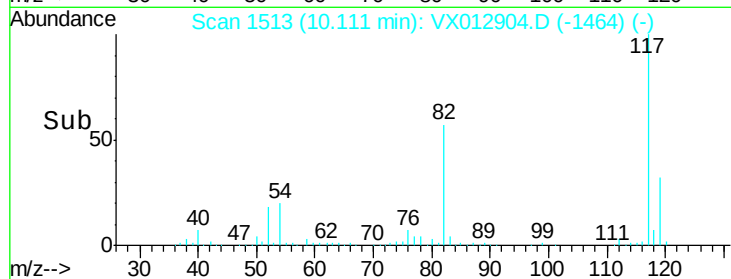
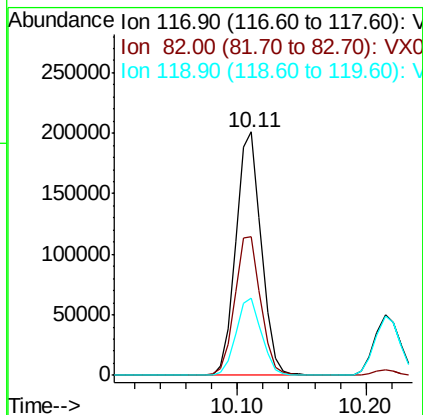
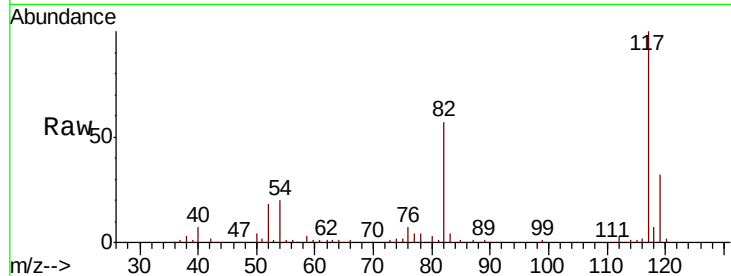




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

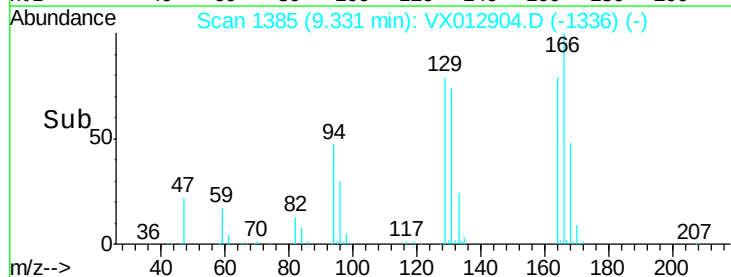
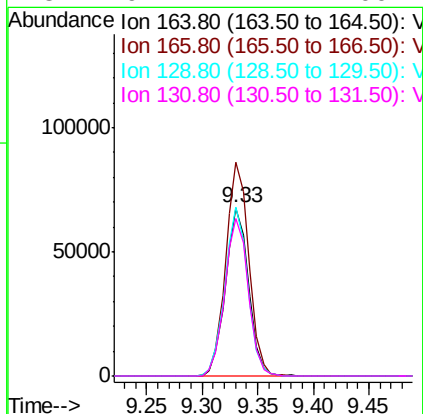
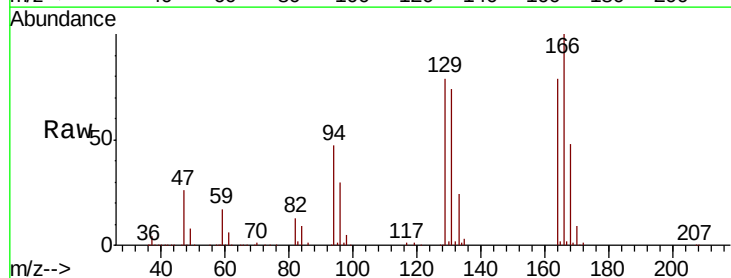
Instrument :
MSVOA_X
ClientSampleId :

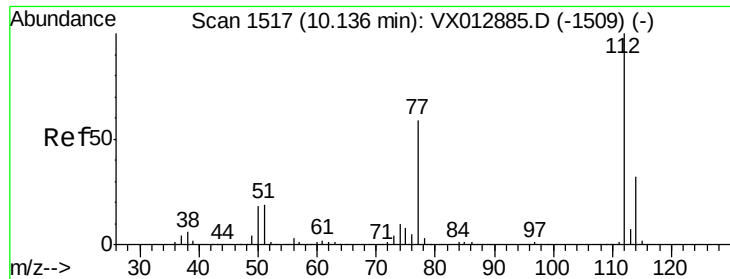
Tot Ion:117 Resp: 274887
Ion Ratio Lower Upper
117 100
82 56.8 44.1 66.1
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 50.718 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion:164 Resp: 96700
Ion Ratio Lower Upper
164 100
166 127.4 96.9 145.3
129 100.7 77.9 116.9
131 94.2 72.7 109.1

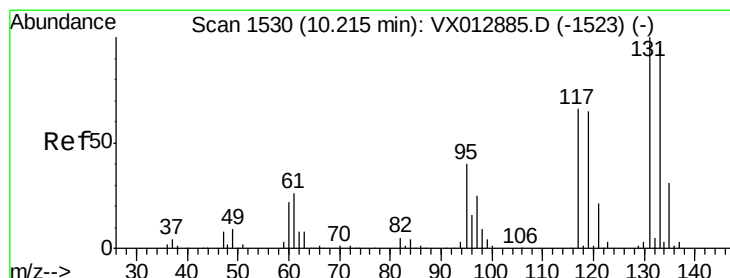
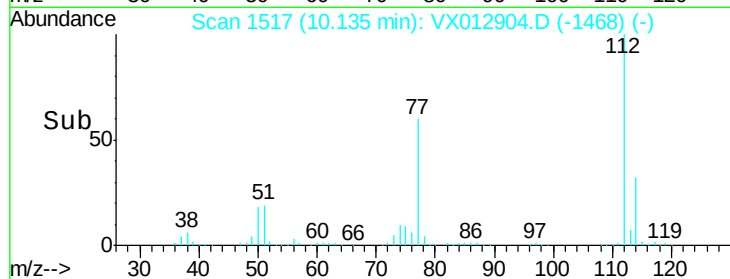
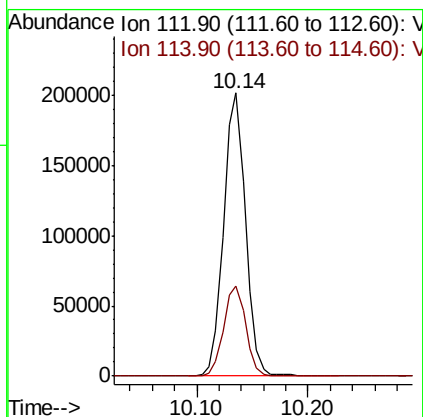
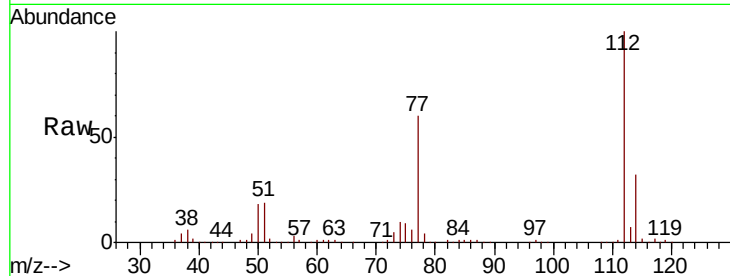




#65
Chlorobenzene
Concen: 50.134 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

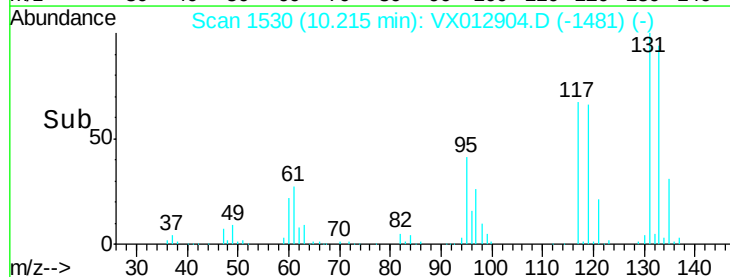
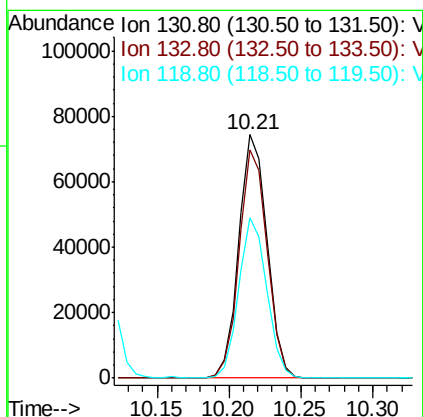
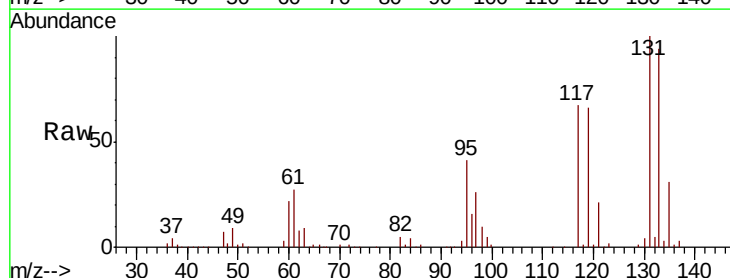
Instrument :
MSVOA_X
ClientSampled :

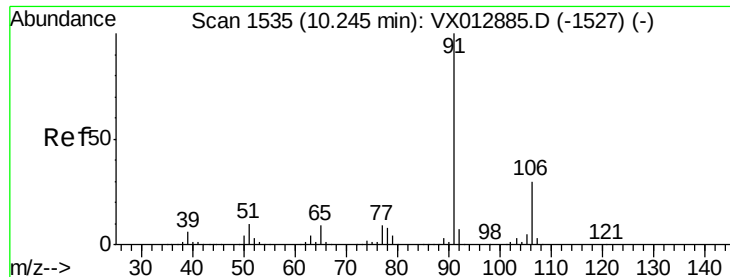
Tot Ion:112 Resp: 273675
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.608 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion:131 Resp: 101464
Ion Ratio Lower Upper
131 100
133 92.8 47.2 141.6
119 65.3 32.6 98.0





#67

Ethyl Benzene

Concen: 52.230 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

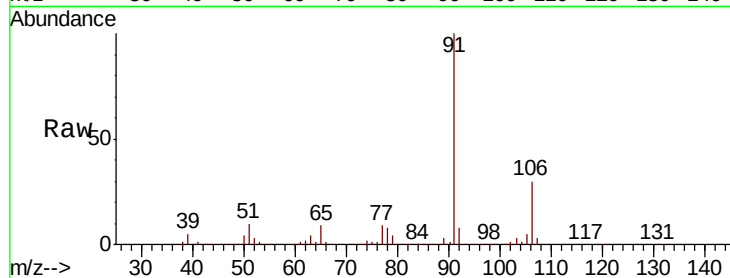
ClientSampled :

Tot Ion: 91 Resp: 506447

Ion Ratio Lower Upper

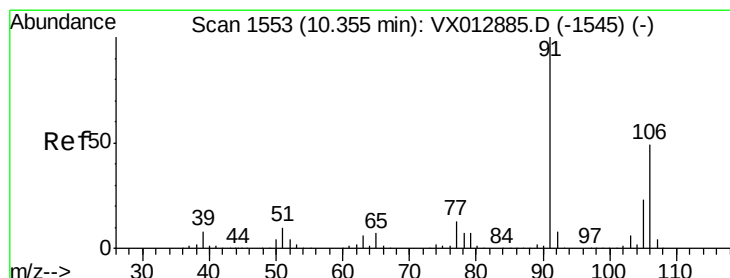
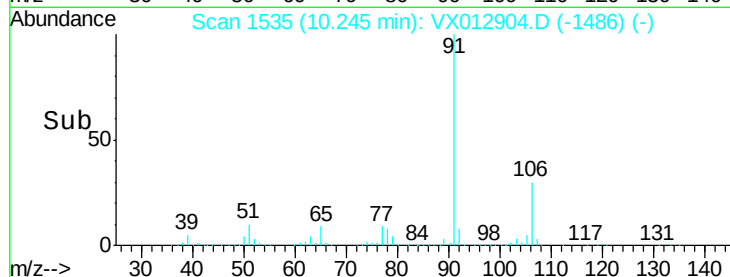
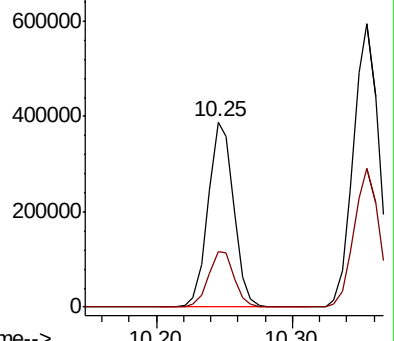
91 100

106 30.1 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.142 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012904.D

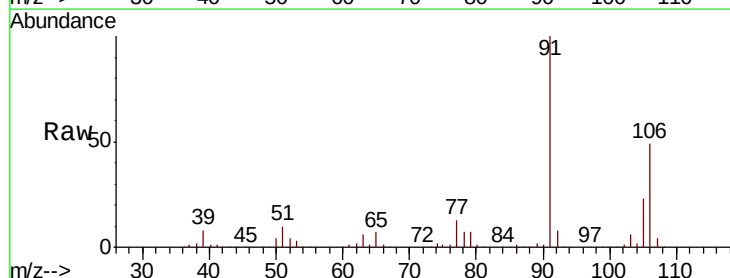
Acq: 08 Oct 2019 21:19

Tgt Ion: 106 Resp: 377247

Ion Ratio Lower Upper

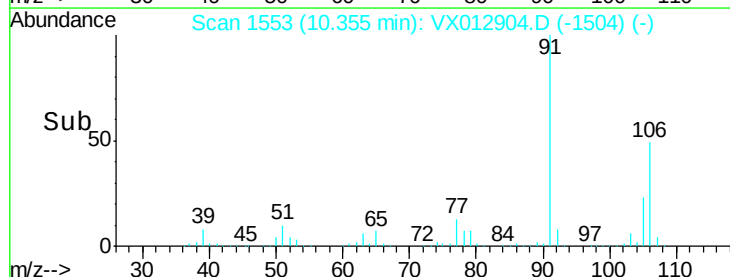
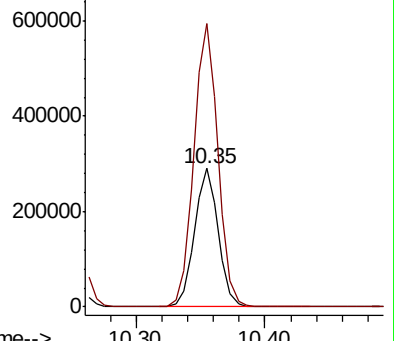
106 100

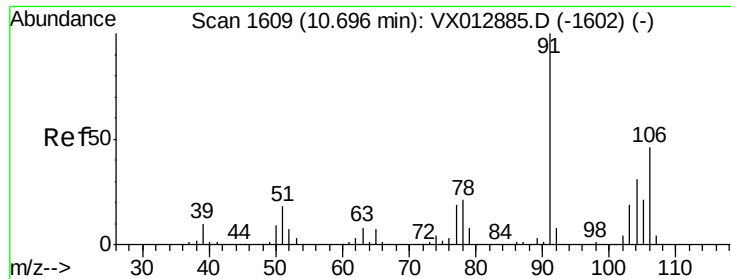
91 207.2 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

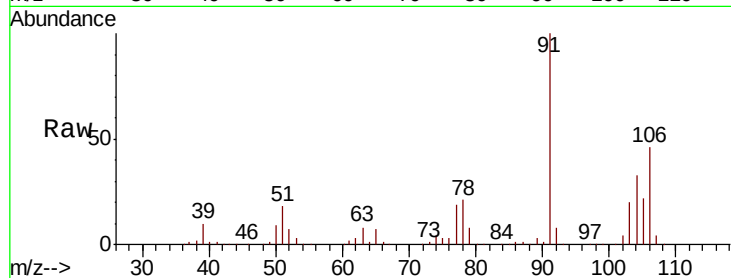




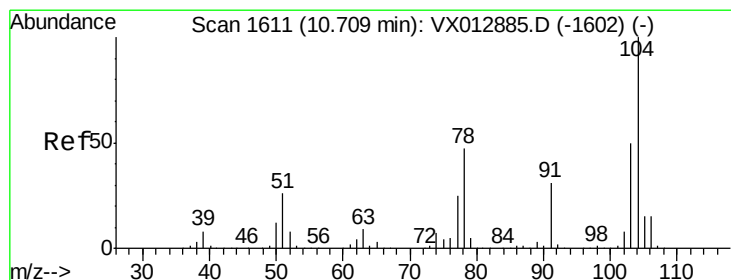
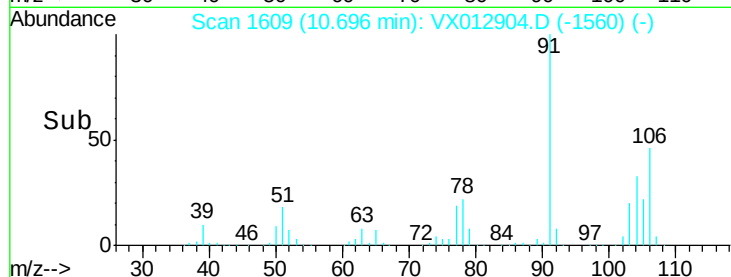
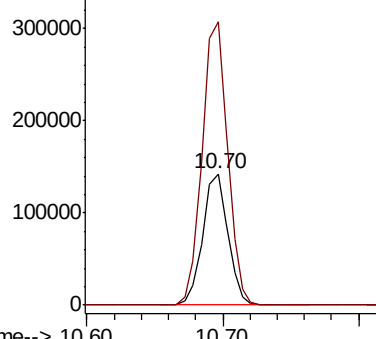
#69
o-Xylene
Concen: 52.063 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 183911
Ion Ratio Lower Upper
106 100
91 218.3 109.1 327.3

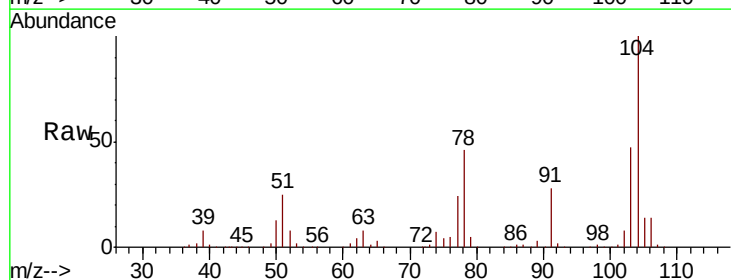


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

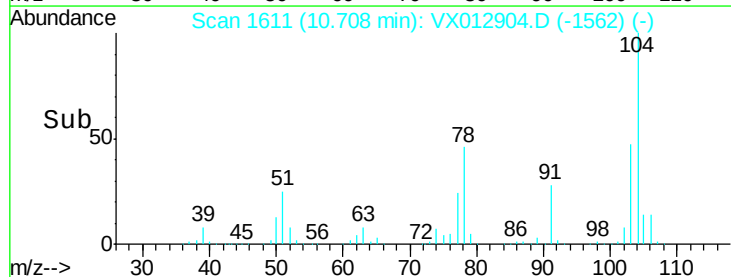
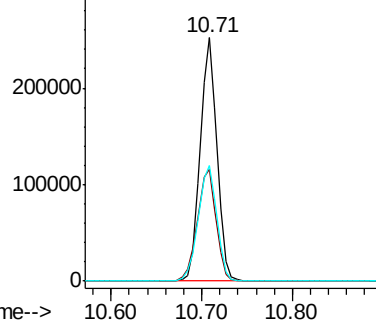


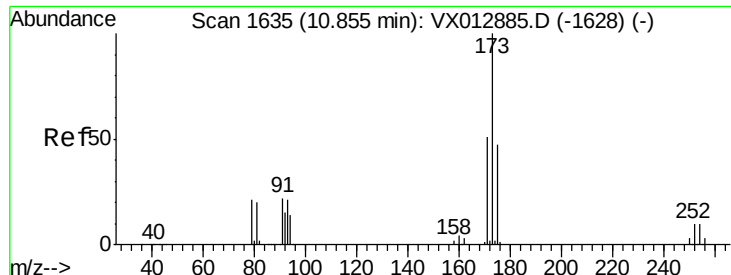
#70
Styrene
Concen: 53.844 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion:104 Resp: 323351
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 53.2 43.0 64.4



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





#71

Bromoform

Concen: 45.722 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

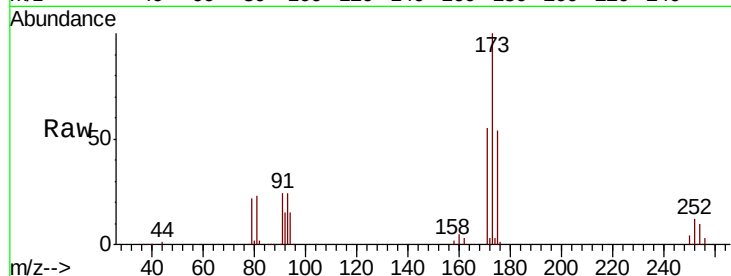
Tot Ion:173 Resp: 73260

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

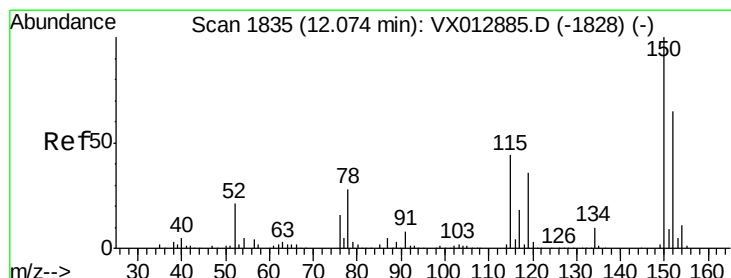
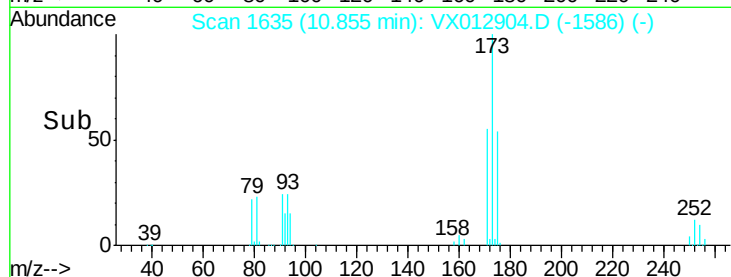
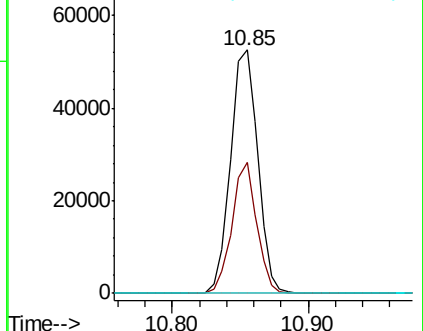
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

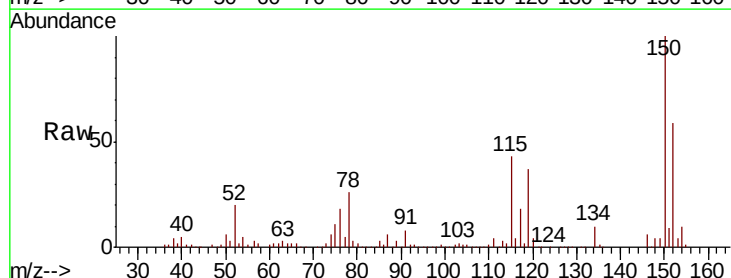
Tgt Ion:152 Resp: 126679

Ion Ratio Lower Upper

152 100

115 89.1 44.5 133.5

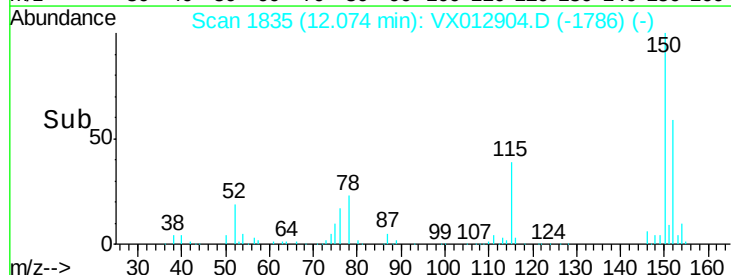
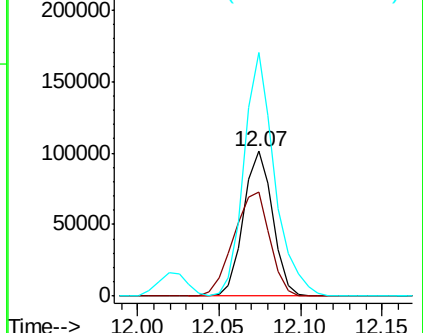
150 176.1 0.0 353.4

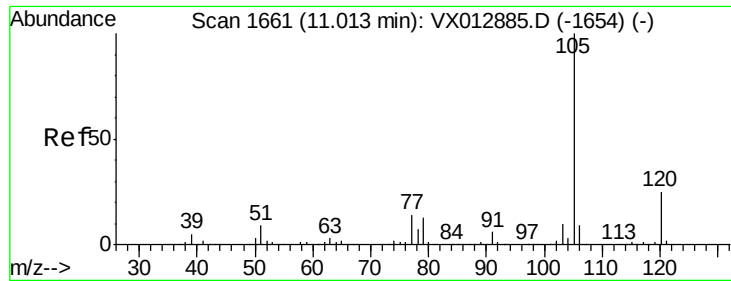


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.560 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

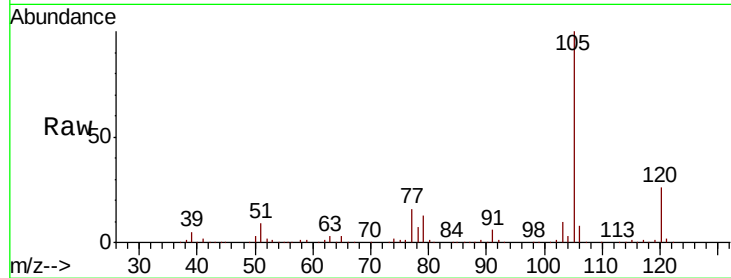
ClientSampleId :

Tot Ion:105 Resp: 489531

Ion Ratio Lower Upper

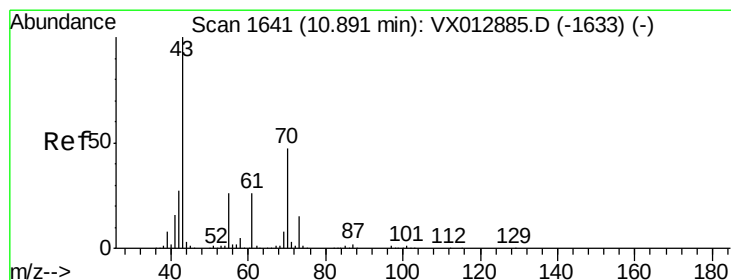
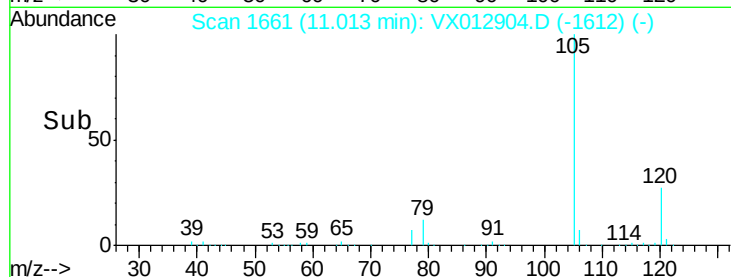
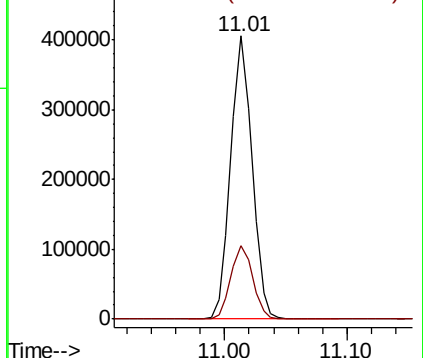
105 100

120 26.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.597 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Tgt Ion: 43 Resp: 223010

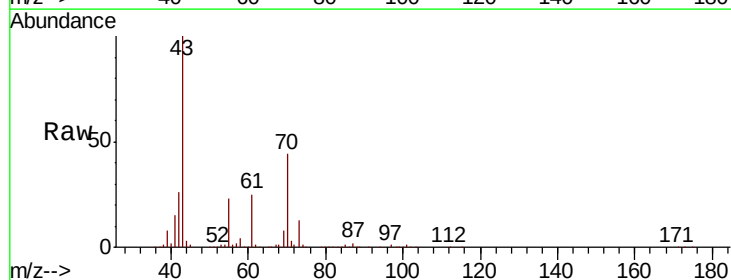
Ion Ratio Lower Upper

43 100

70 43.9 36.4 54.6

55 24.0 20.2 30.2

61 24.8 20.5 30.7

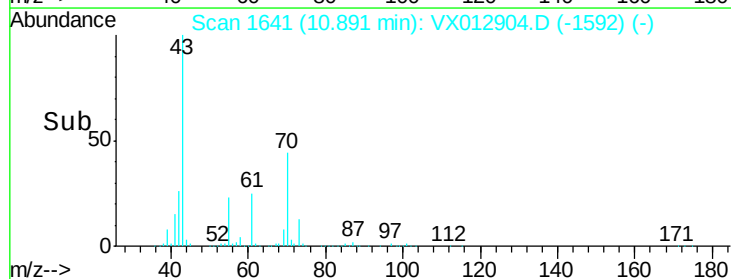
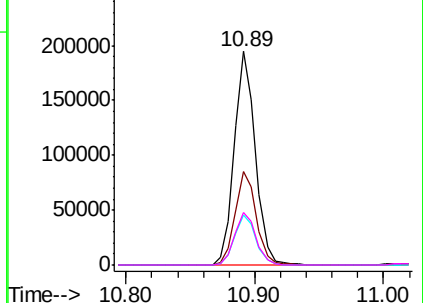


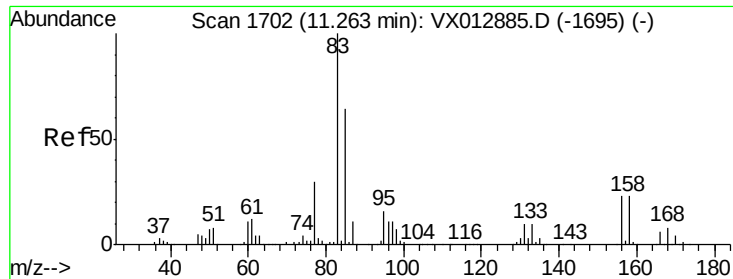
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.465 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

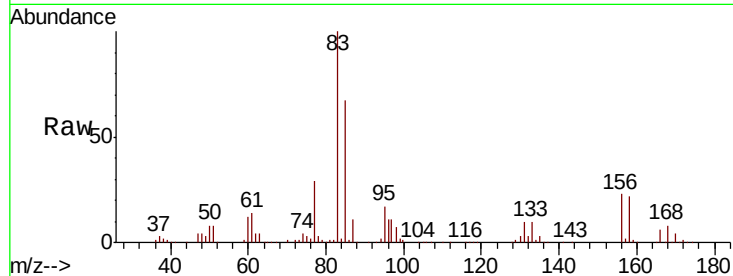
Tot Ion: 83 Resp: 159426

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

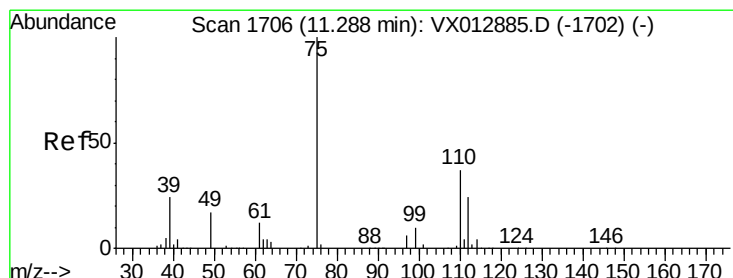
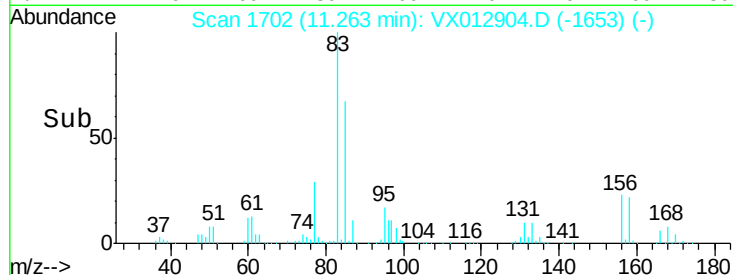
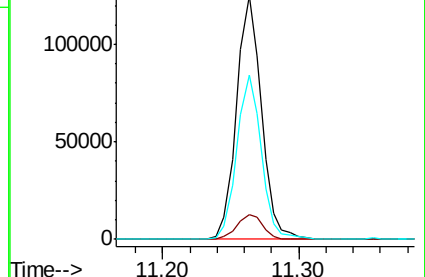
85 66.6 32.1 96.5



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: 67.358 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012904.D

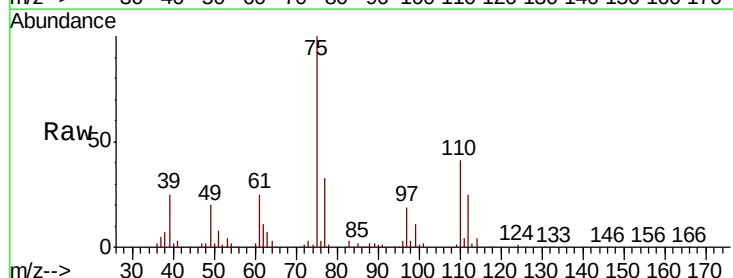
Acq: 08 Oct 2019 21:19

Tgt Ion: 75 Resp: 189257

Ion Ratio Lower Upper

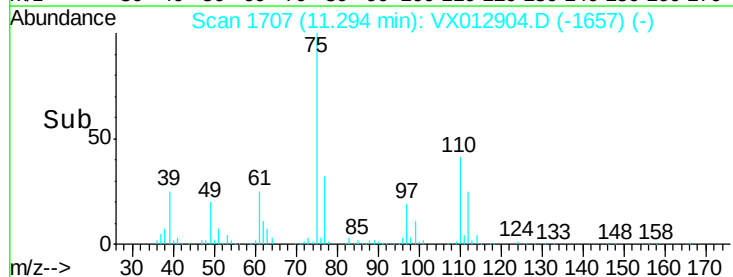
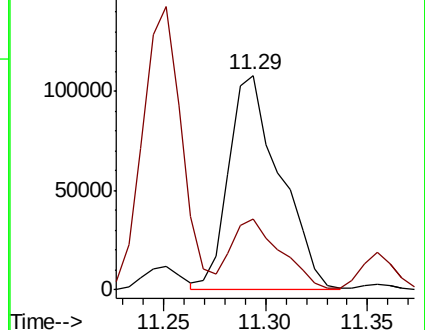
75 100

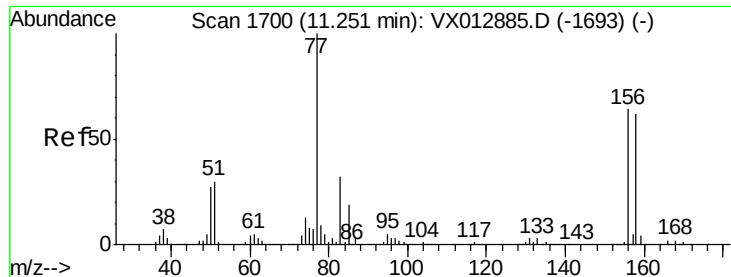
77 31.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.597 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

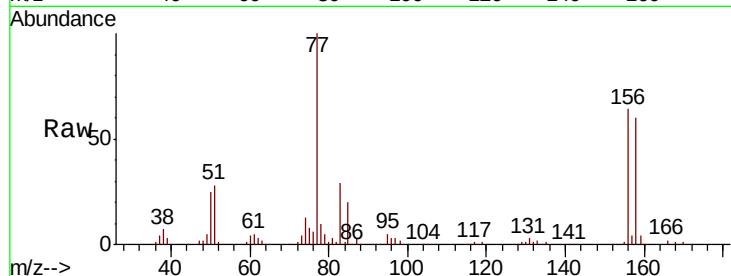
Tot Ion:156 Resp: 111048

Ion Ratio Lower Upper

156 100

77 171.1 83.7 251.0

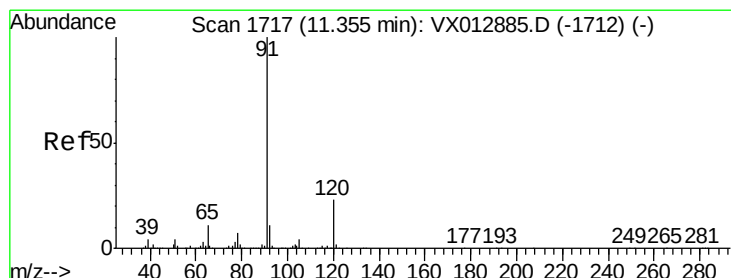
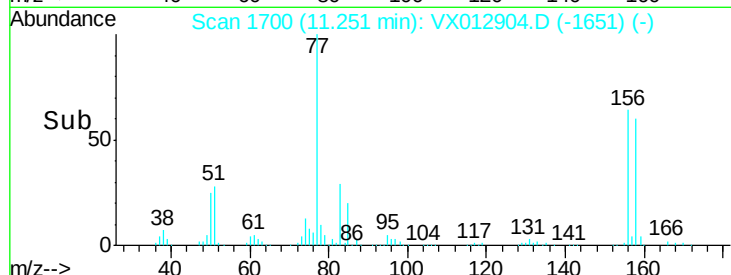
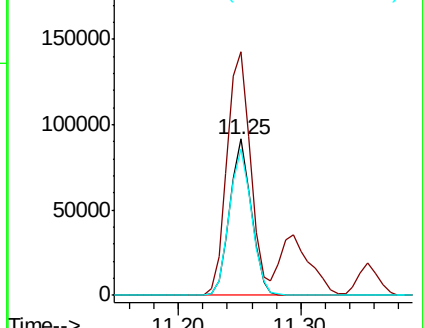
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.565 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012904.D

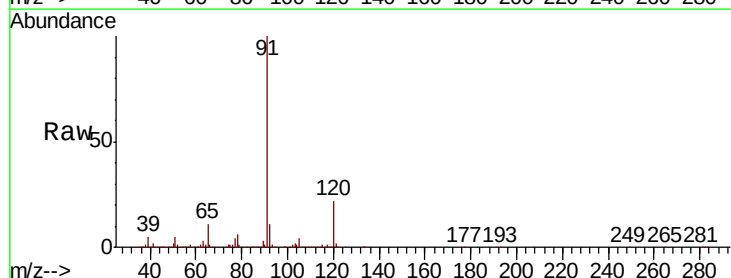
Acq: 08 Oct 2019 21:19

Tgt Ion: 91 Resp: 548963

Ion Ratio Lower Upper

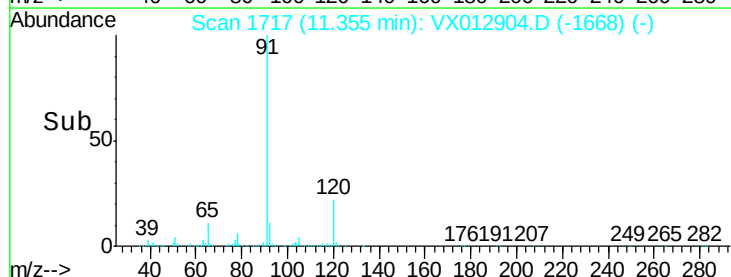
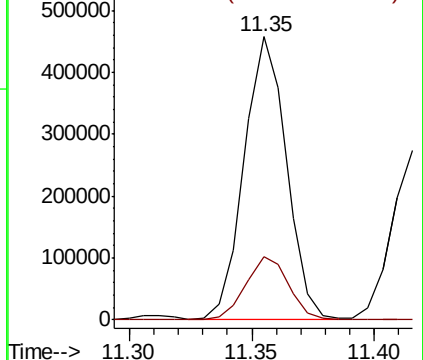
91 100

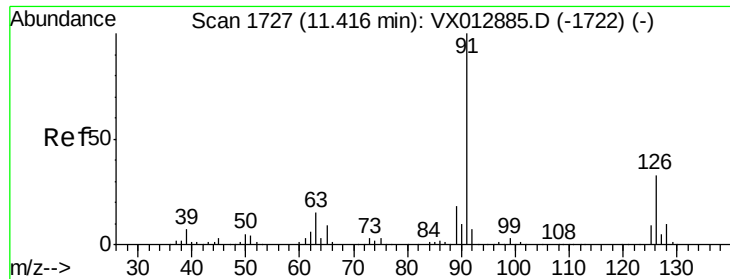
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

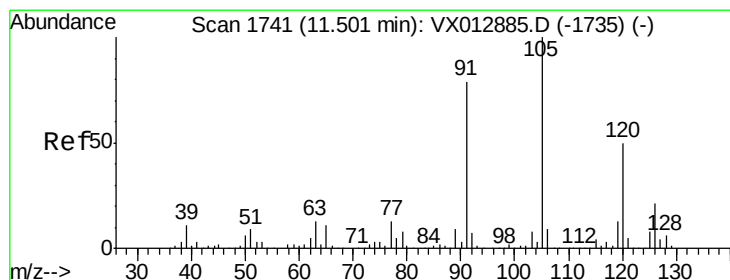
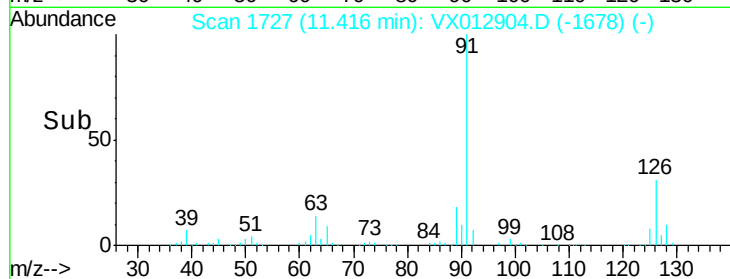
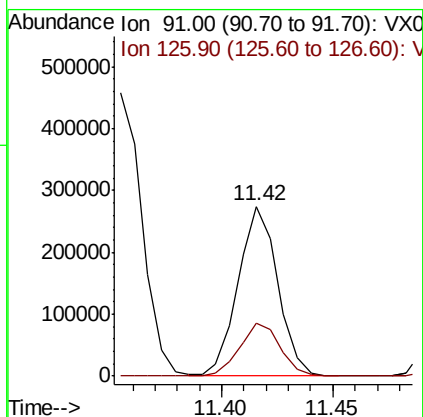
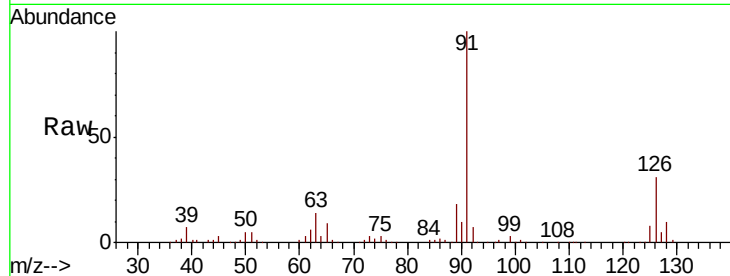




#79
 2-Chlorotoluene
 Concen: 52.787 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

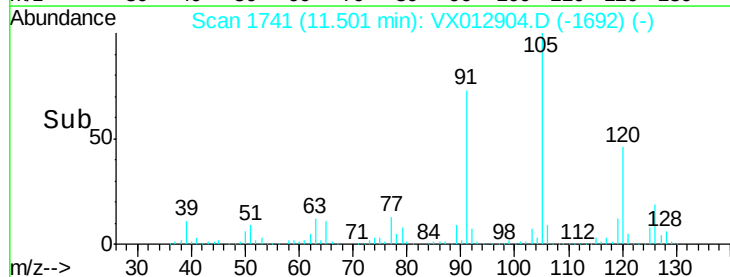
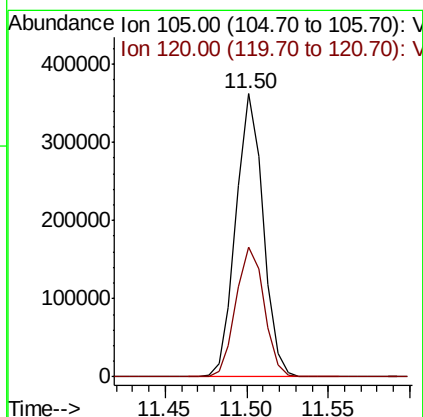
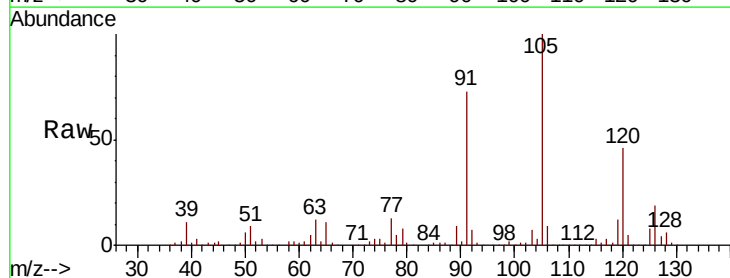
Instrument :
 MSVOA_X
 ClientSampleId :

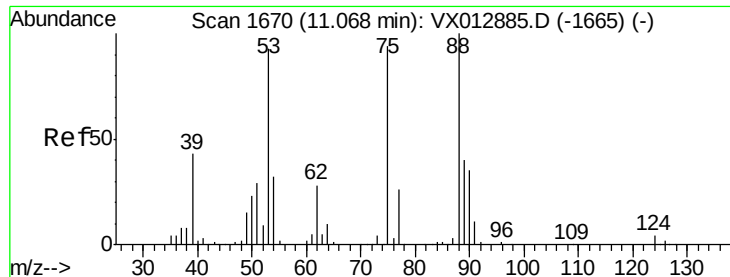
Tot Ion: 91 Resp: 339990
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 54.213 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion: 105 Resp: 421615
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.940 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampleId :

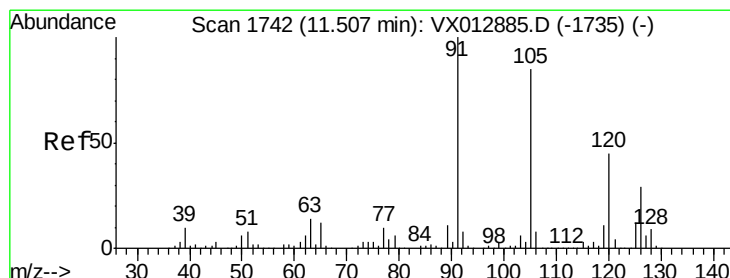
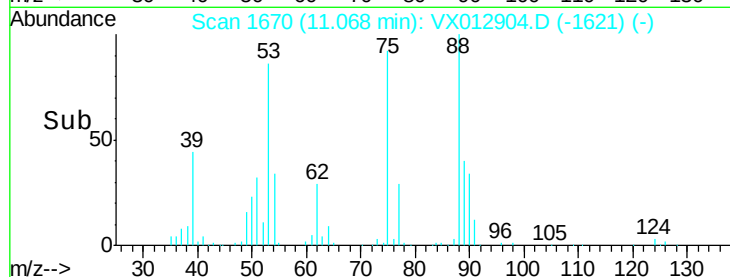
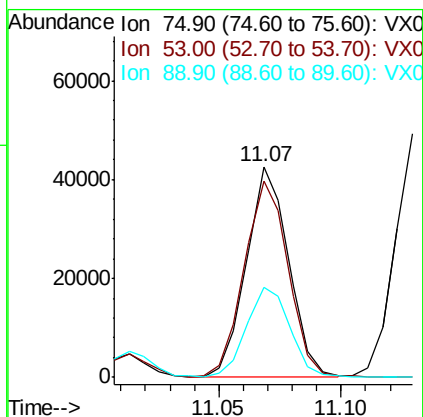
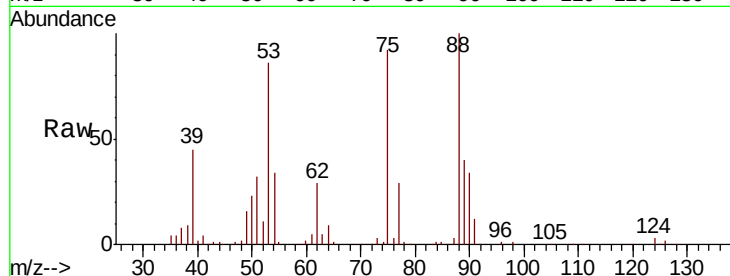
Tot Ion: 75 Resp: 50992

Ion Ratio Lower Upper

75 100

53 97.9 78.5 117.7

89 44.2 37.4 56.2



#82

4-Chlorotoluene

Concen: 52.814 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012904.D

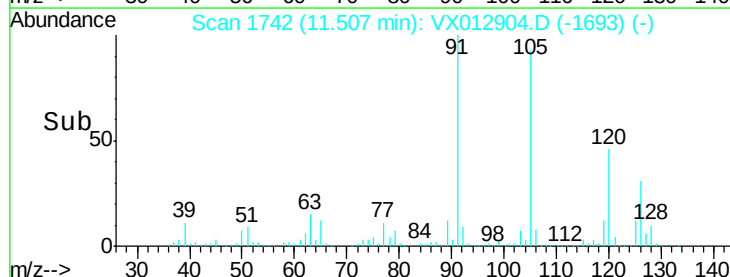
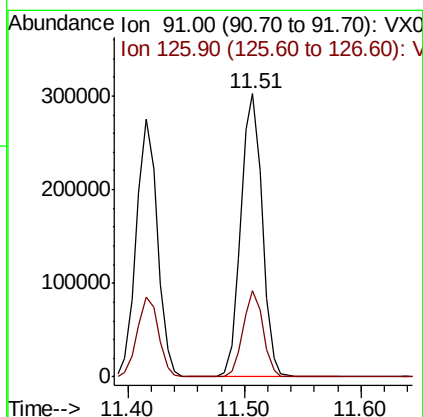
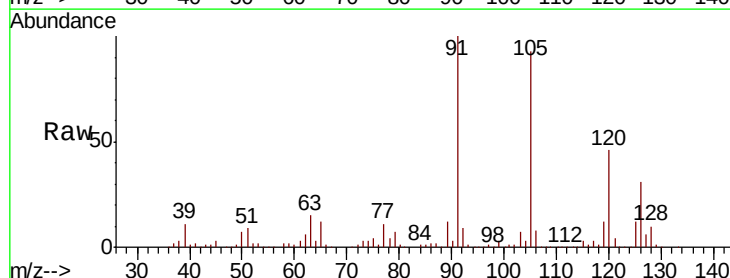
Acq: 08 Oct 2019 21:19

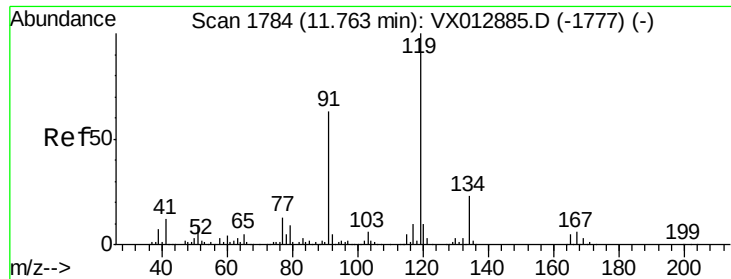
Tgt Ion: 91 Resp: 389901

Ion Ratio Lower Upper

91 100

126 28.6 14.2 42.6

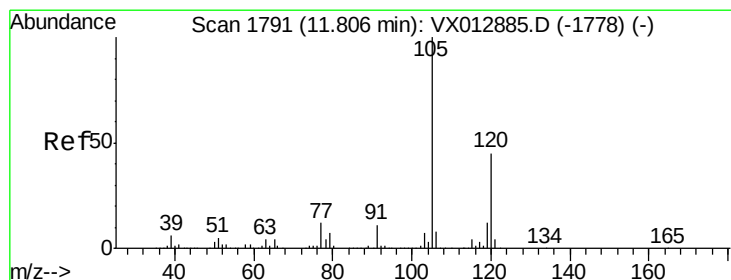
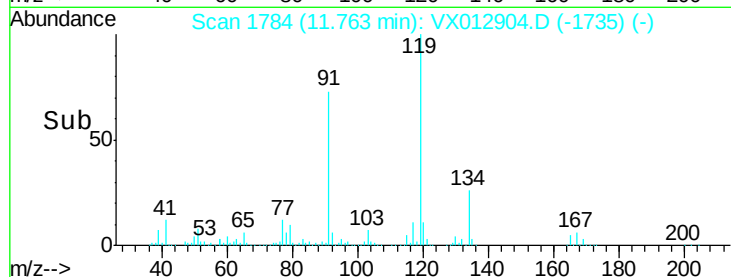
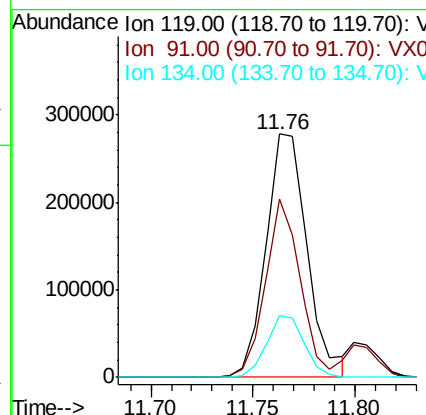
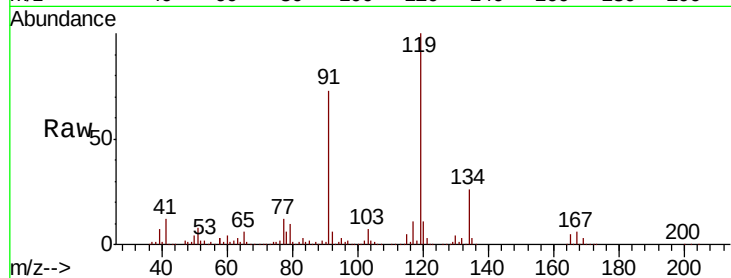




#83
tert-Butylbenzene
Concen: 51.581 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

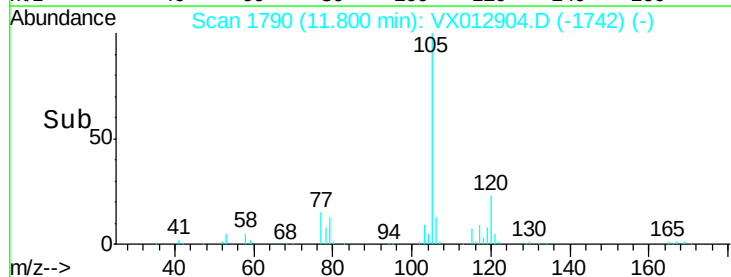
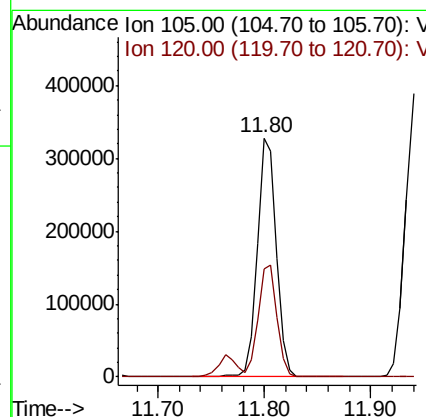
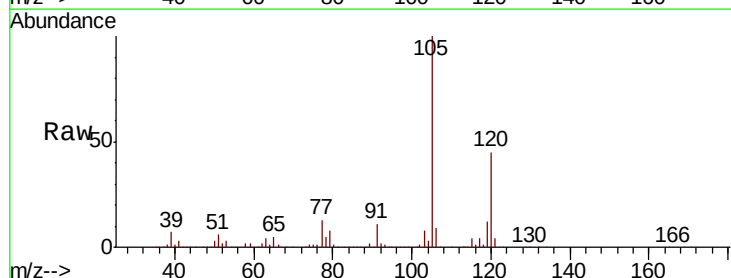
Instrument :
MSVOA_X
ClientSampleId :

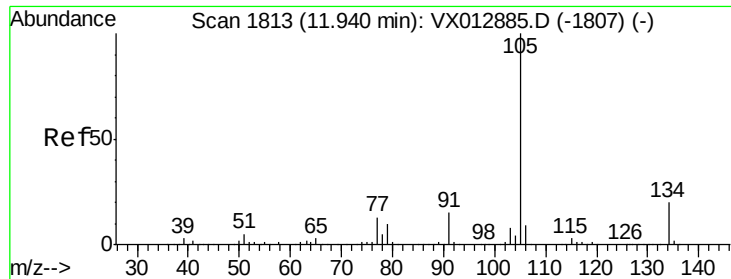
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	29.3	87.9
134	23.5	11.5	34.4



#84
1,2,4-Trimethylbenzene
Concen: 51.930 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.8	65.3





#85

sec-Butylbenzene

Concen: 53.070 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

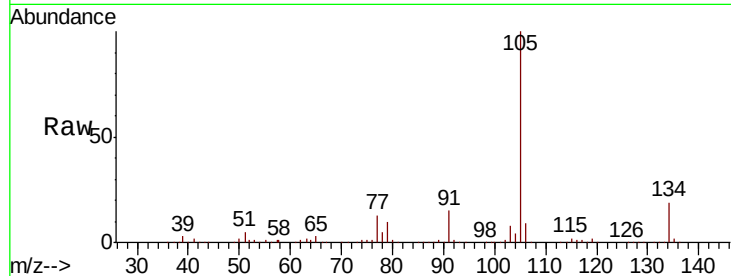
ClientSampled :

Tot Ion:105 Resp: 466435

Ion Ratio Lower Upper

105 100

134 19.5 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

300000

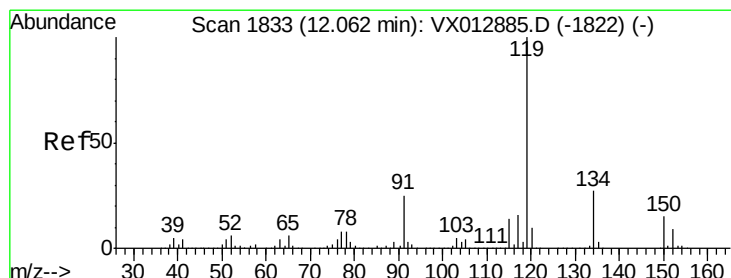
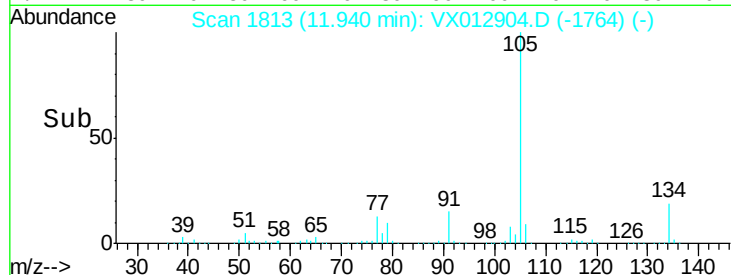
200000

100000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 52.870 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

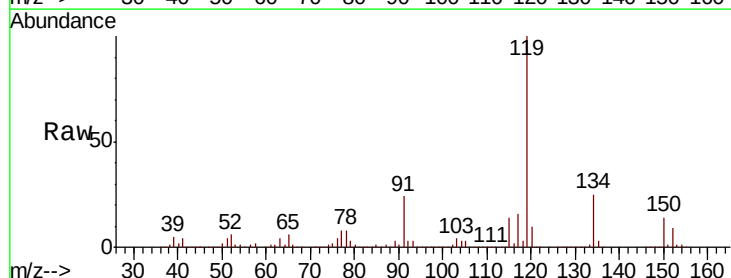
Tgt Ion:119 Resp: 430965

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 25.2 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

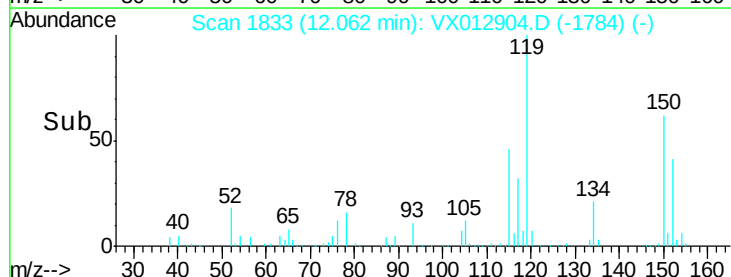
200000

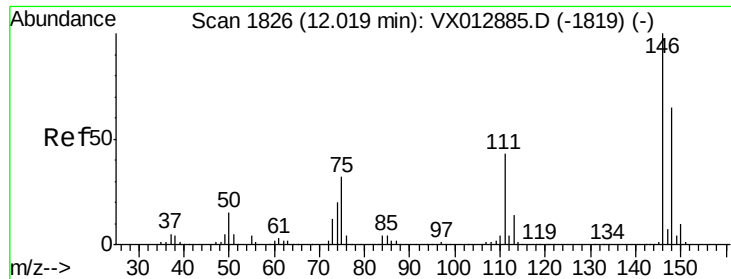
100000

0

Time-->

12.00 12.10

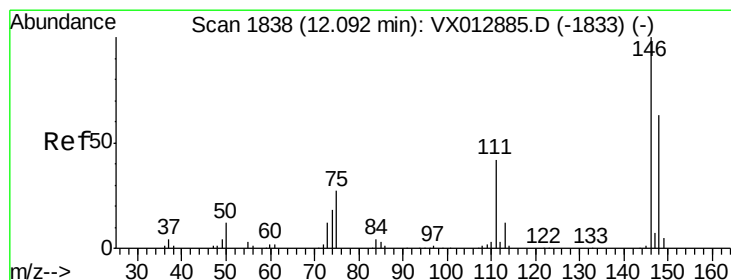
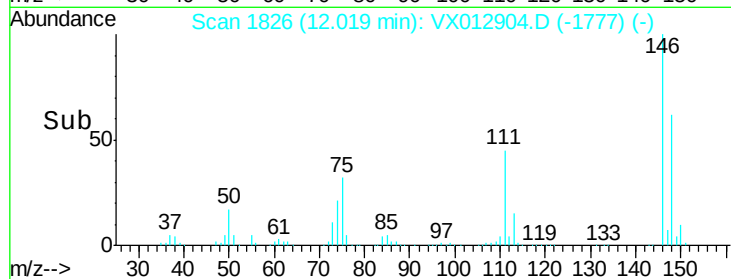
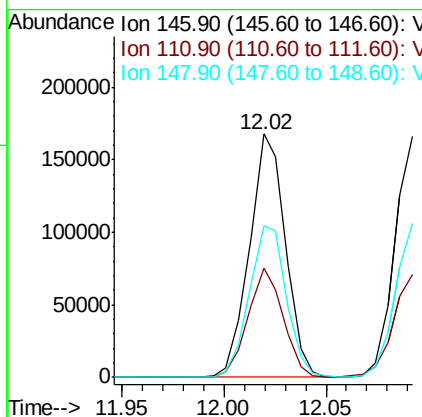
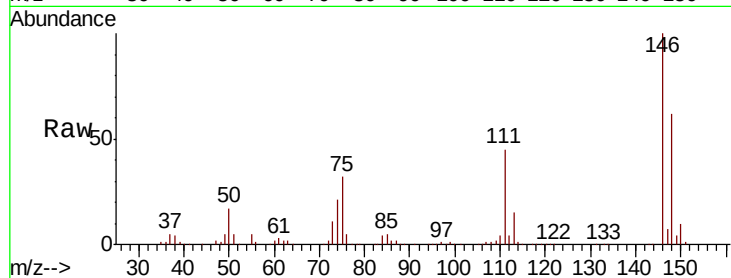




#87
 1,3-Dichlorobenzene
 Concen: 50.597 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

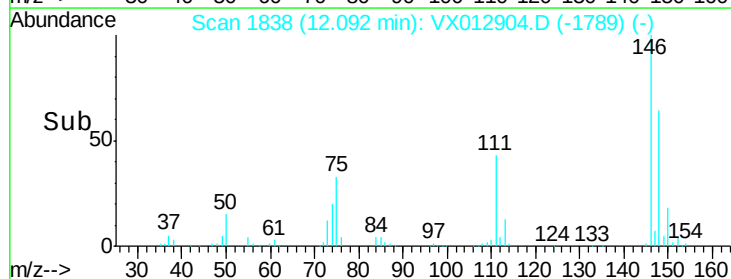
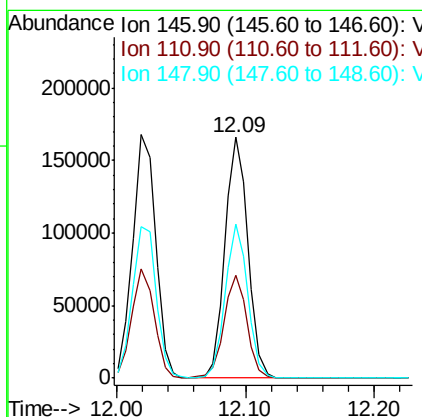
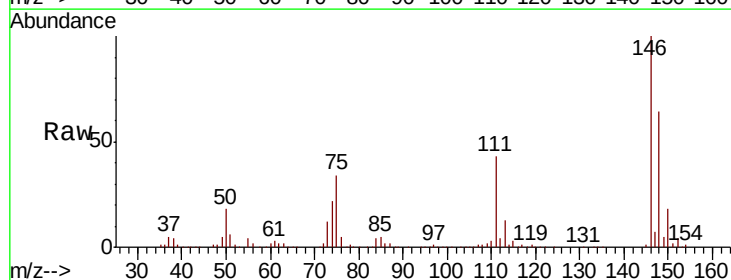
Instrument :
 MSVOA_X
 ClientSampled :

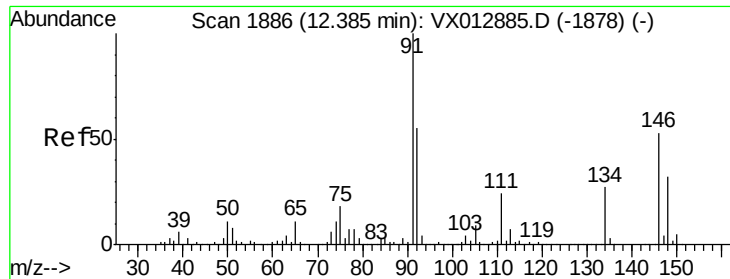
Tot Ion:146 Resp: 206215
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.1 63.4
 148 64.2 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.432 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion:146 Resp: 208169
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 54.329 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012904.D

Acq: 08 Oct 2019 21:19

Instrument :

MSVOA_X

ClientSampled :

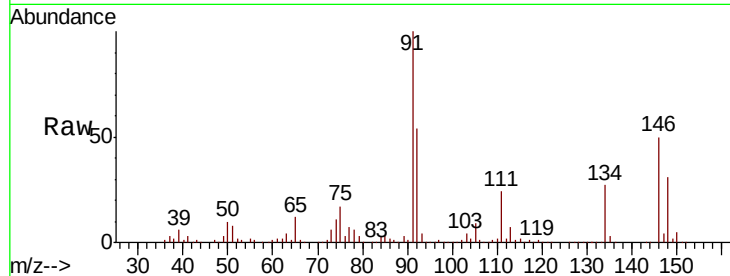
Tot Ion: 91 Resp: 372202

Ion Ratio Lower Upper

91 100

92 55.1 27.5 82.5

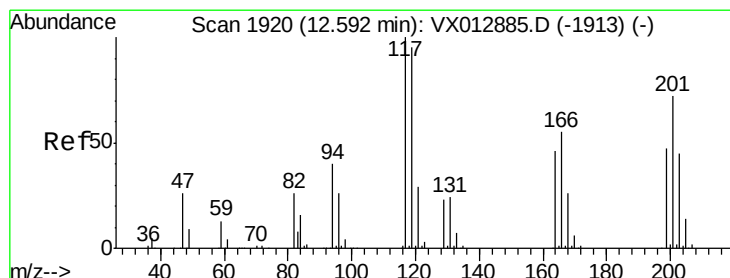
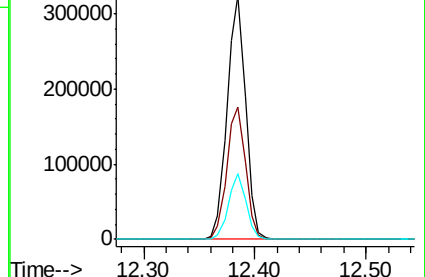
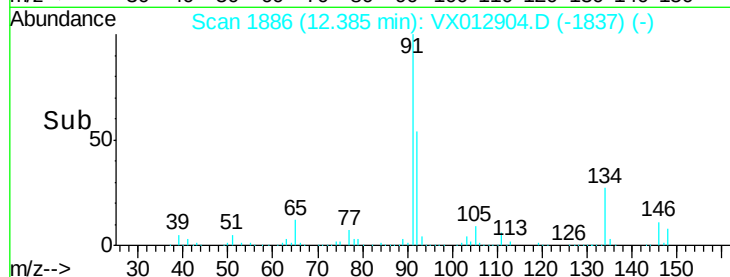
134 25.9 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX012885.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012885.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012885.D (-1878) (-)



#90

Hexachloroethane

Concen: 47.084 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012904.D

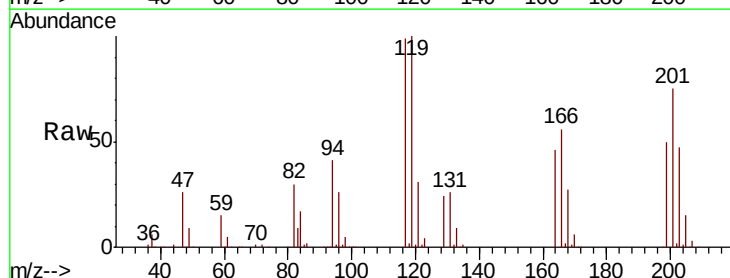
Acq: 08 Oct 2019 21:19

Tgt Ion: 117 Resp: 70890

Ion Ratio Lower Upper

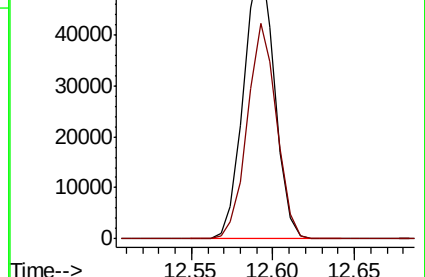
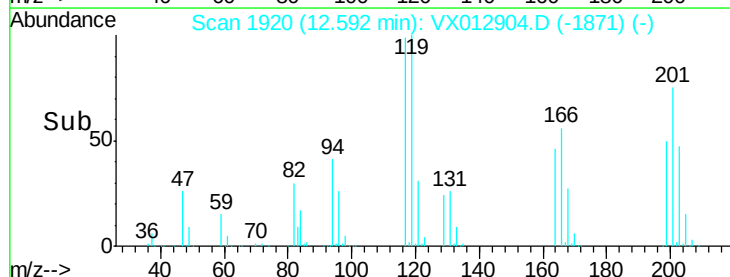
117 100

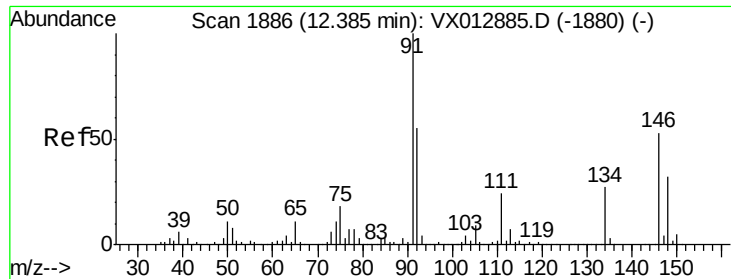
201 74.7 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX012885.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012885.D (-1913) (-)

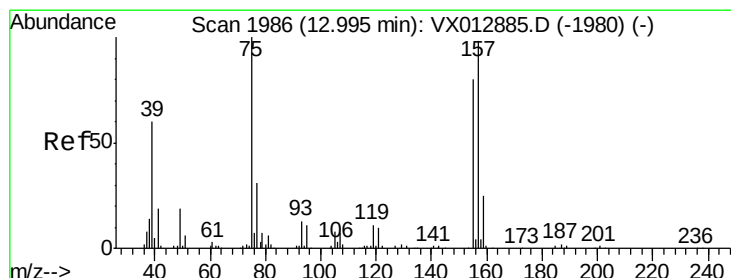
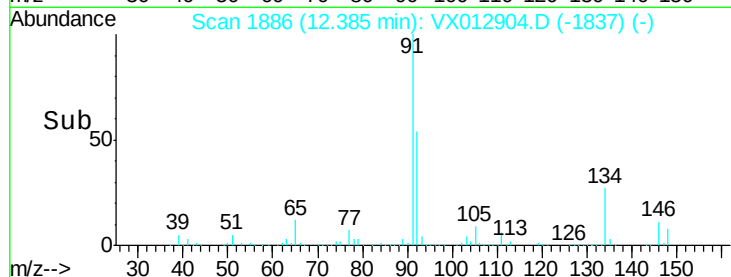
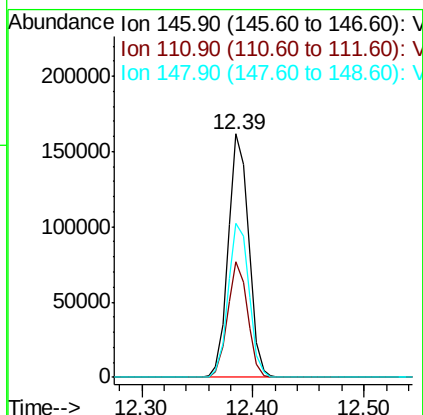
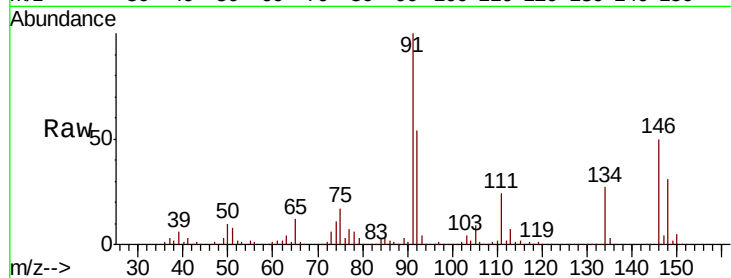




#91
 1,2-Dichlorobenzene
 Concen: 51.403 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

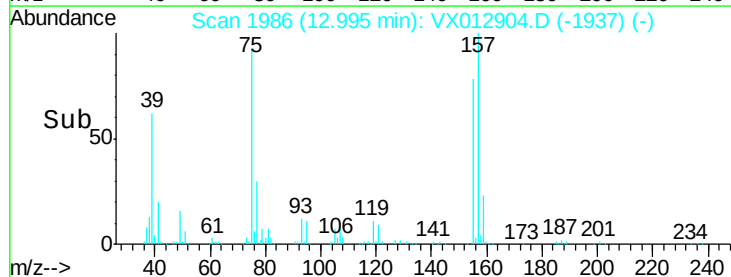
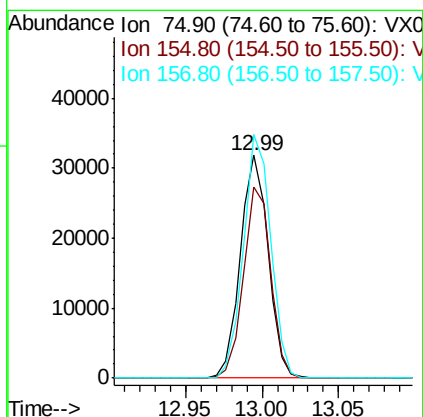
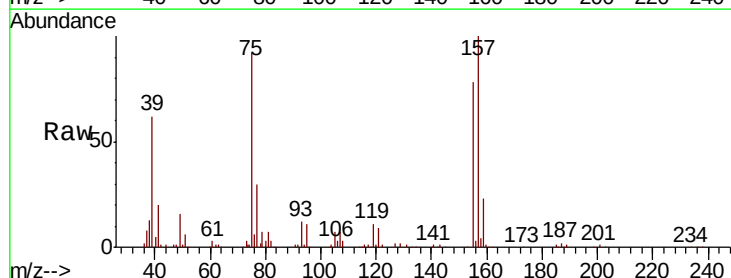
Instrument :
 MSVOA_X
 ClientSampleId :

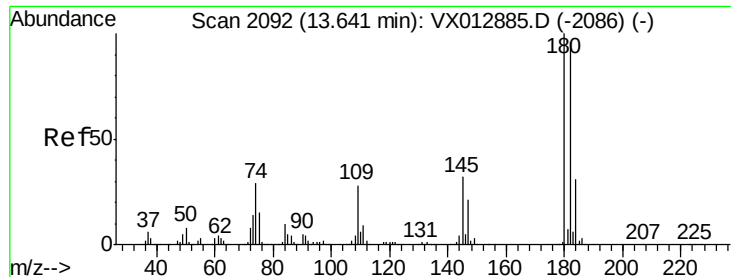
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.7	68.0
148	64.5	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.487 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	43.0	128.8
157	107.7	54.1	162.3

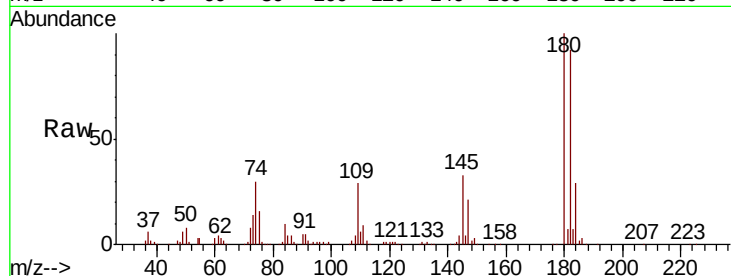




#93
 1,2,4-Trichlorobenzene
 Concen: 52.865 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.8	140.4
145	32.9	16.2	48.6

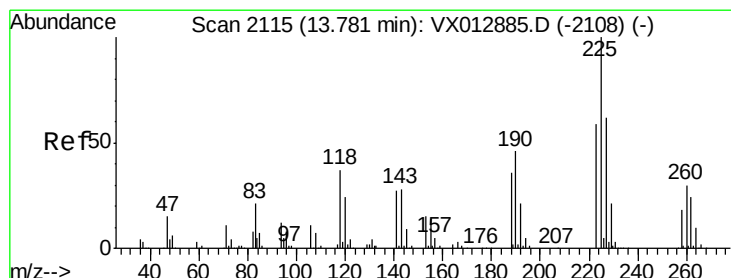
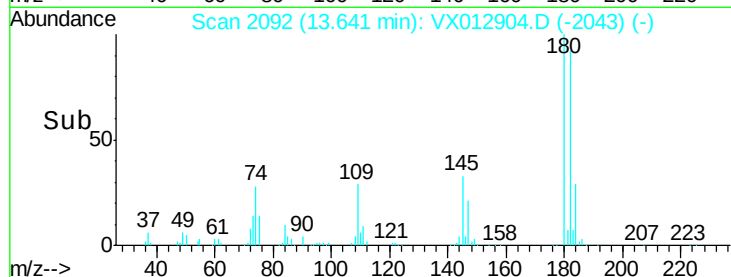
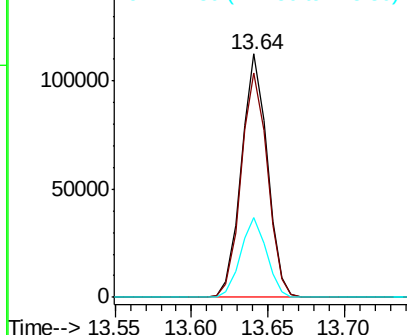


Abundance

Ion 179.80 (179.50 to 180.50): V

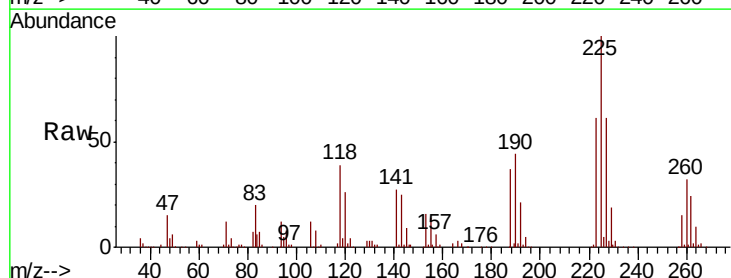
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.161 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012904.D
 Acq: 08 Oct 2019 21:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	62.1	32.3	96.9

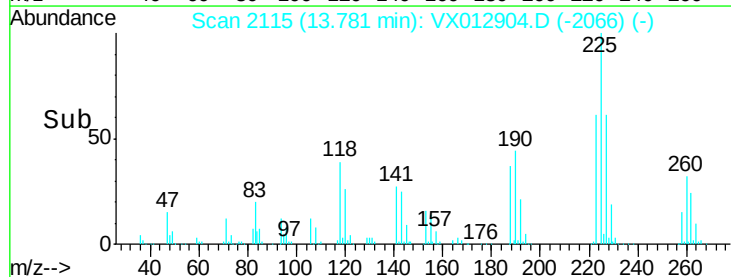
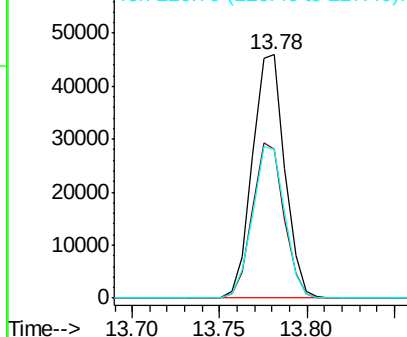


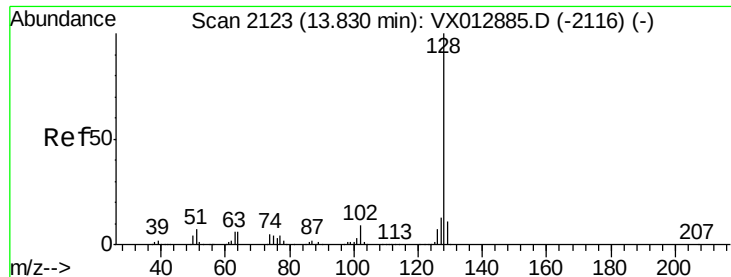
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

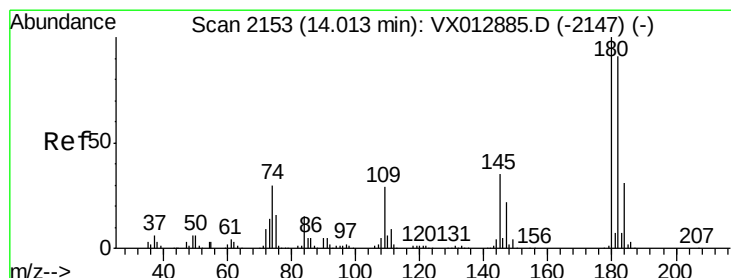
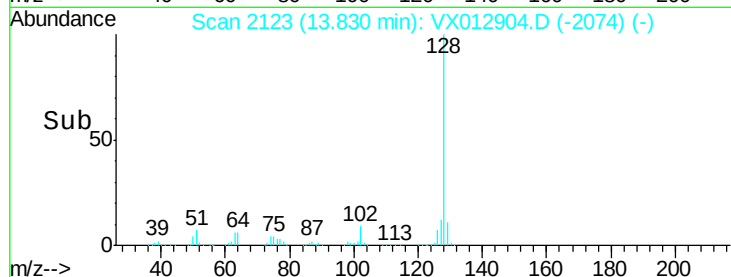
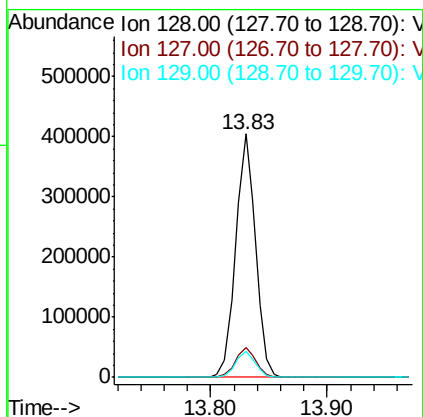
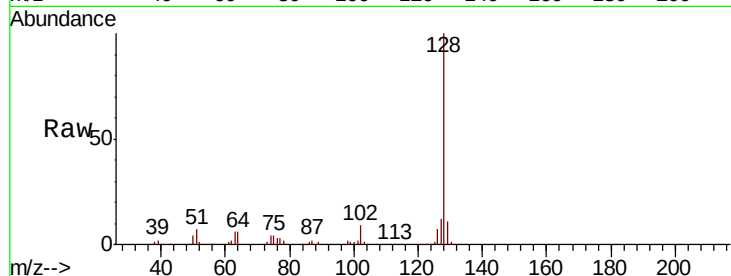




#95
Naphthalene
Concen: 55.312 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 479912
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.123 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012904.D
Acq: 08 Oct 2019 21:19

Tgt Ion:180 Resp: 134818
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 34.7 17.4 52.3

