

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012902.D
 Acq On : 08 Oct 2019 20:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 09 02:12:50 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	185022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	115751	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
35) Dibromofluoromethane	5.48	113	89803	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	347913	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	129928	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	96831	51.343	ug/l	99
3) Chloromethane	1.32	50	100753	49.088	ug/l	98
4) Vinyl Chloride	1.40	62	103322	48.771	ug/l	98
5) Bromomethane	1.63	94	40843	46.379	ug/l	100
6) Chloroethane	1.71	64	66936	51.713	ug/l	99
7) Trichlorofluoromethane	1.92	101	147074	51.436	ug/l	100
8) Diethyl Ether	2.18	74	56809	49.221	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93344	50.441	ug/l	99
10) Methyl Iodide	2.50	142	92677	44.795	ug/l	100
11) Tert butyl alcohol	3.03	59	144629	235.924	ug/l	100
12) 1,1-Dichloroethene	2.36	96	93315	49.908	ug/l	96
13) Acrolein	2.28	56	95214	218.553	ug/l	99
14) Allyl chloride	2.72	41	168449	50.589	ug/l	99
15) Acrylonitrile	3.13	53	293964	253.037	ug/l	99
16) Acetone	2.44	43	251230	206.106	ug/l	98
17) Carbon Disulfide	2.56	76	254468	47.730	ug/l	99
18) Methyl Acetate	2.76	43	141211	48.875	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	330017	51.111	ug/l	99
20) Methylene Chloride	2.84	84	104415	46.610	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	100132	49.966	ug/l	98
22) Diisopropyl ether	3.84	45	327220	51.285	ug/l	94
23) Vinyl Acetate	3.80	43	1434713	260.476	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181021	50.431	ug/l	100
25) 2-Butanone	4.66	43	405862	239.998	ug/l	98
26) 2,2-Dichloropropane	4.57	77	138401	45.852	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	115214	49.876	ug/l	98
28) Bromochloromethane	5.00	49	54783	51.079	ug/l	99
29) Tetrahydrofuran	5.11	42	261371	251.161	ug/l	99
30) Chloroform	5.20	83	181894	49.386	ug/l	98
31) Cyclohexane	5.57	56	168685	50.258	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	161182	51.649	ug/l	100
36) 1,1-Dichloropropene	5.79	75	138364	49.734	ug/l	99
37) Ethyl Acetate	4.82	43	154777	49.753	ug/l	100
38) Carbon Tetrachloride	5.78	117	137253	50.686	ug/l	95

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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	174175	51.624	ug/l	99
40) Benzene	6.14	78	414442	50.438	ug/l	99
41) Methacrylonitrile	5.03	41	85398	49.958	ug/l	99
42) 1,2-Dichloroethane	6.19	62	148350	50.314	ug/l	100
43) Isopropyl Acetate	6.43	43	253118	50.694	ug/l	99
44) Trichloroethene	7.20	130	107910	47.359	ug/l	93
45) 1,2-Dichloropropane	7.51	63	105016	50.146	ug/l	100
46) Dibromomethane	7.65	93	70771	50.721	ug/l	99
47) Bromodichloromethane	7.89	83	144015	52.890	ug/l	97
48) Methyl methacrylate	7.76	41	124454	51.148	ug/l	99
49) 1,4-Dioxane	7.73	88	61152	938.759	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	782968	251.508	ug/l	99
52) Toluene	8.78	92	265396	50.486	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	155684	45.996	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171575	51.232	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105519	50.722	ug/l	98
56) Ethyl methacrylate	9.17	69	173254	46.636	ug/l	99
57) 1,3-Dichloropropane	9.37	76	180667	50.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	395932	259.071	ug/l	99
59) 2-Hexanone	9.48	43	600972	247.993	ug/l	100
60) Dibromochloromethane	9.58	129	106125	45.995	ug/l	98
61) 1,2-Dibromoethane	9.67	107	110753	50.608	ug/l	99
64) Tetrachloroethene	9.33	164	96342	49.139	ug/l	95
65) Chlorobenzene	10.14	112	275812	49.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	100224	51.495	ug/l	99
67) Ethyl Benzene	10.25	91	507079	50.856	ug/l	99
68) m/p-Xylenes	10.36	106	381439	102.401	ug/l	100
69) o-Xylene	10.70	106	185486	51.063	ug/l	99
70) Styrene	10.71	104	320797	51.948	ug/l	99
71) Bromoform	10.85	173	75563	45.851	ug/l #	99
73) Isopropylbenzene	11.01	105	494995	50.280	ug/l	99
74) N-amyl acetate	10.89	43	221027	52.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	163002	49.781	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	184354	62.073	ug/l	78
77) Bromobenzene	11.25	156	112447	48.471	ug/l	98
78) n-propylbenzene	11.35	91	554091	51.149	ug/l	98
79) 2-Chlorotoluene	11.42	91	332288	48.807	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	417885	50.835	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	50428	44.180	ug/l	98
82) 4-Chlorotoluene	11.51	91	392848	50.343	ug/l	99
83) tert-Butylbenzene	11.77	119	402618	50.208	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	411442	49.420	ug/l	98
85) sec-Butylbenzene	11.94	105	472413	50.850	ug/l	99
86) p-Isopropyltoluene	12.06	119	429576	49.857	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209647	48.664	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	207825	47.633	ug/l	99
89) n-Butylbenzene	12.39	91	375009	51.786	ug/l	98
90) Hexachloroethane	12.59	117	73252	46.076	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	206191	48.820	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39916	52.010	ug/l	96

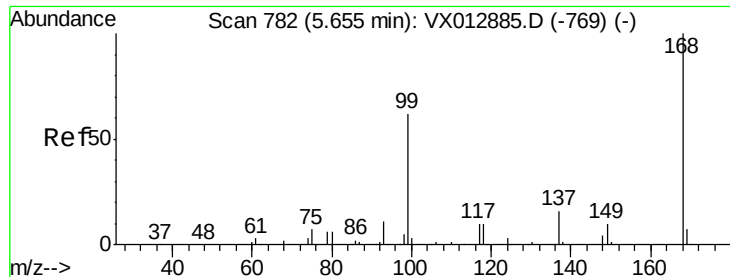
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131116	49.559	ug/l	98
94) Hexachlorobutadiene	13.78	225	57055	46.729	ug/l	97
95) Naphthalene	13.83	128	476206	51.924	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133472	48.819	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

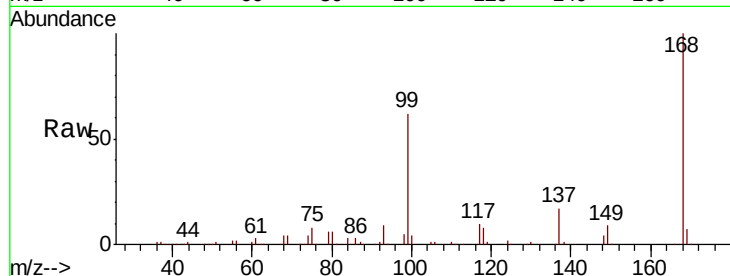
ClientSampled :

Tot Ion:168 Resp: 185022

Ion Ratio Lower Upper

168 100

99 61.5 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

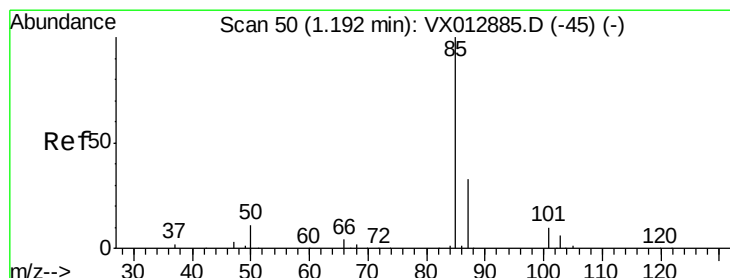
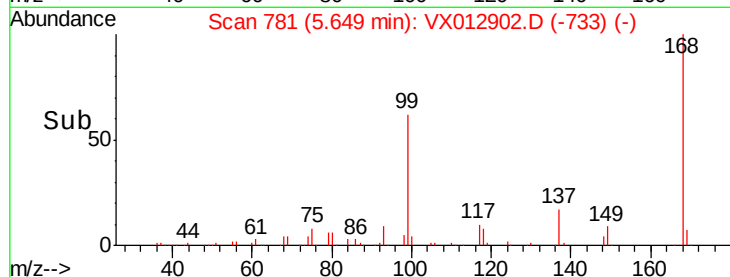
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.343 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012902.D

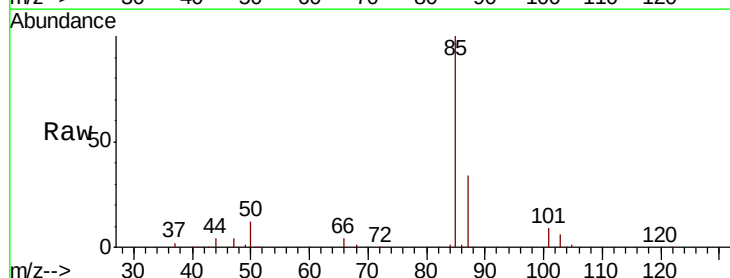
Acq: 08 Oct 2019 20:10

Tgt Ion: 85 Resp: 96831

Ion Ratio Lower Upper

85 100

87 33.5 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

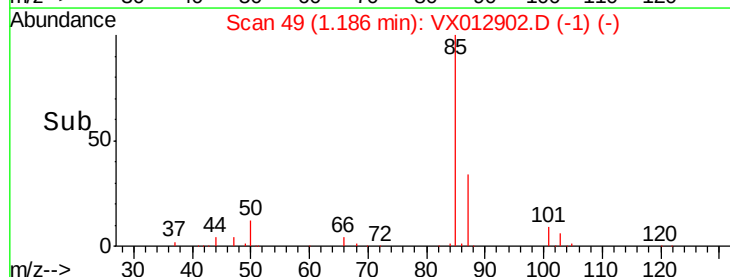
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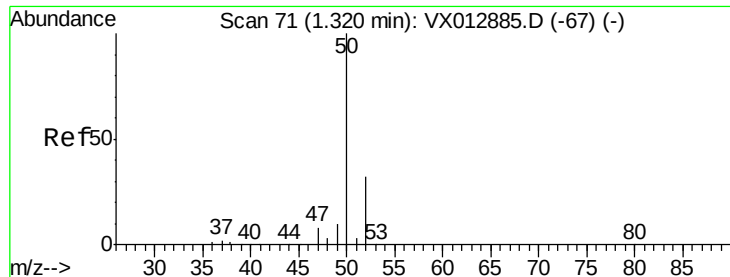
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.088 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

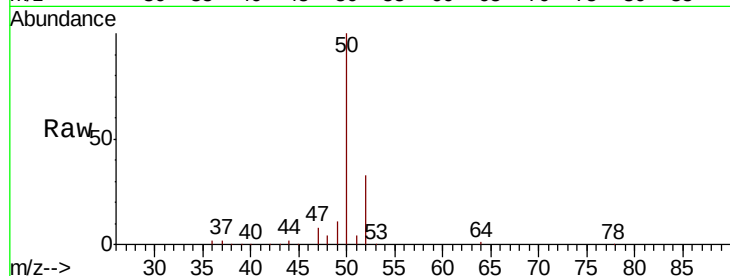
ClientSampled :

Tot Ion: 50 Resp: 100753

Ion Ratio Lower Upper

50 100

52 32.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

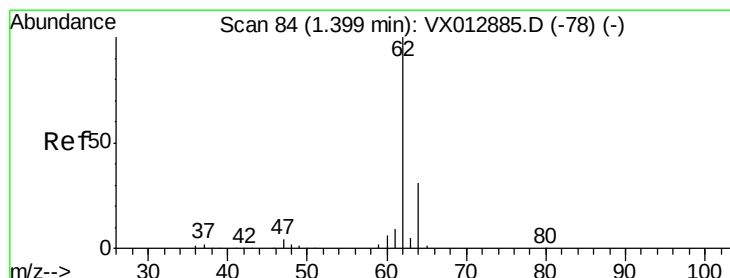
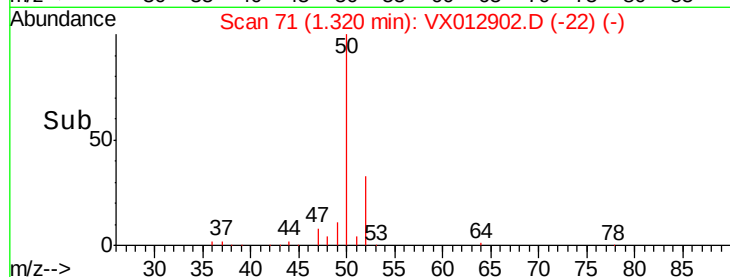
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 48.771 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012902.D

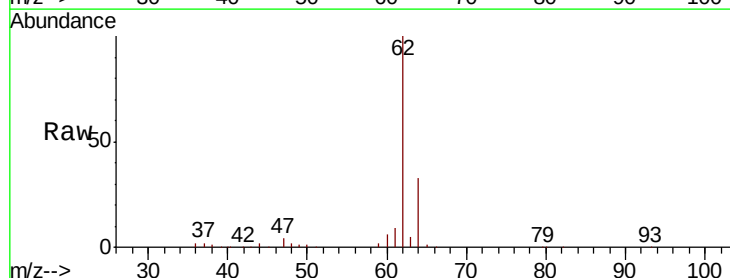
Acq: 08 Oct 2019 20:10

Tgt Ion: 62 Resp: 103322

Ion Ratio Lower Upper

62 100

64 32.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

120000

100000

80000

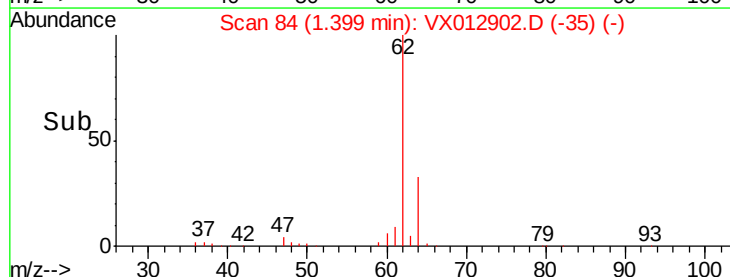
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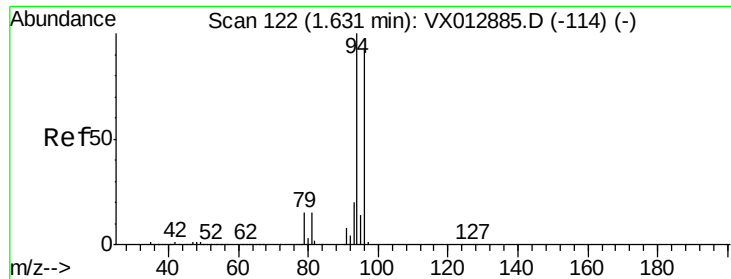
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 46.379 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

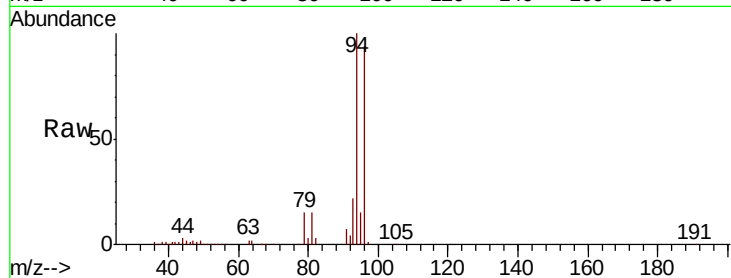
ClientSampleId :

Tot Ion: 94 Resp: 40843

Ion Ratio Lower Upper

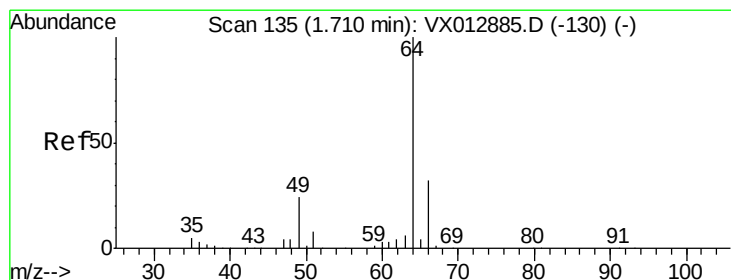
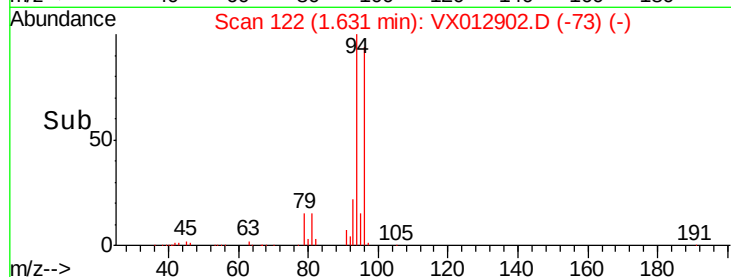
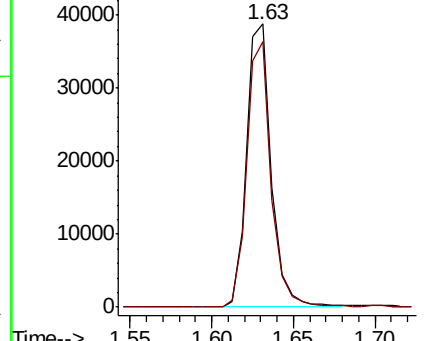
94 100

96 93.7 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: 51.713 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012902.D

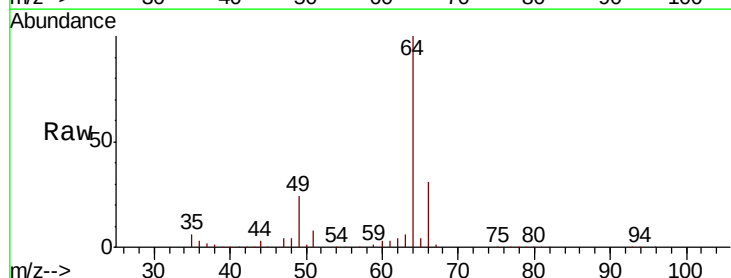
Acq: 08 Oct 2019 20:10

Tgt Ion: 64 Resp: 66936

Ion Ratio Lower Upper

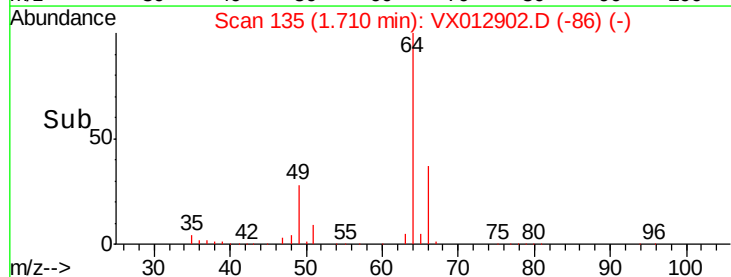
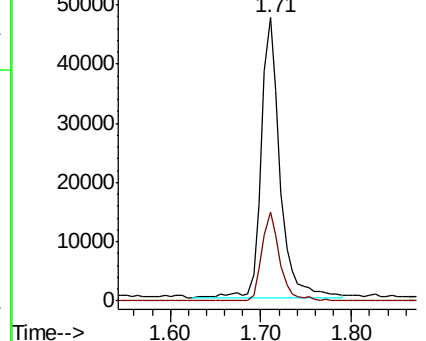
64 100

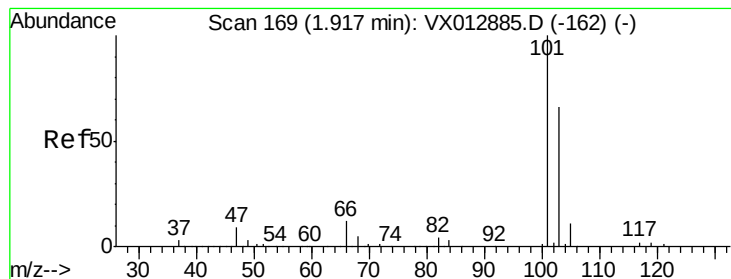
66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



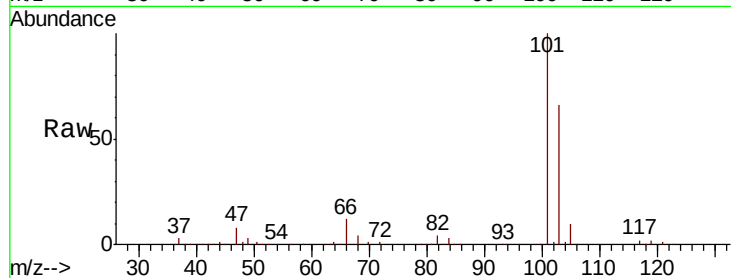


#7

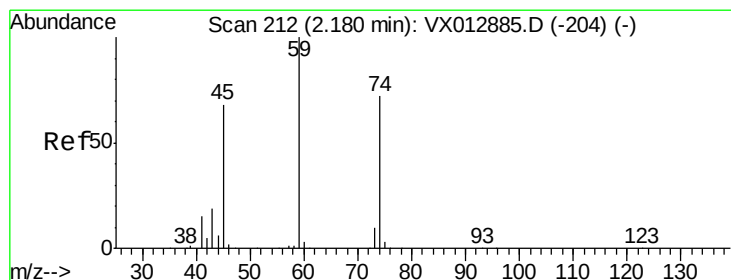
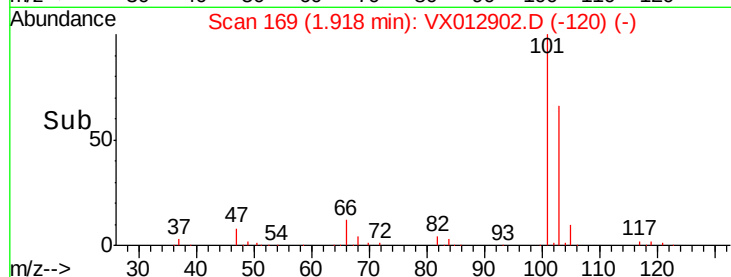
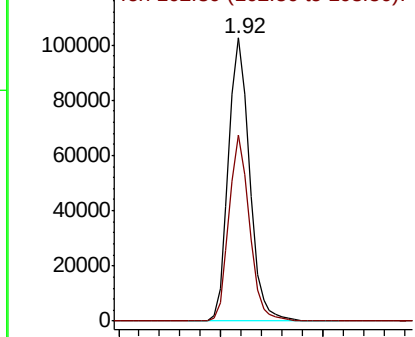
Trichlorofluoromethane
Concen: 51.436 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 147074
Ion Ratio Lower Upper
101 100
103 65.7 52.5 78.7



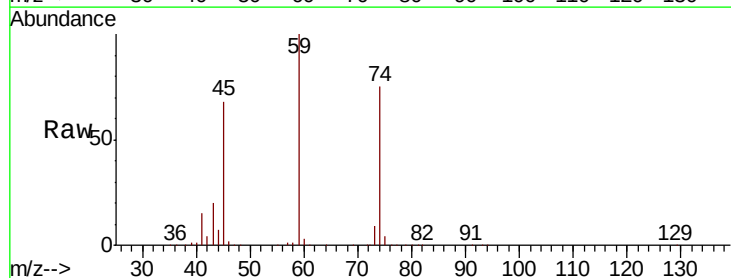
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



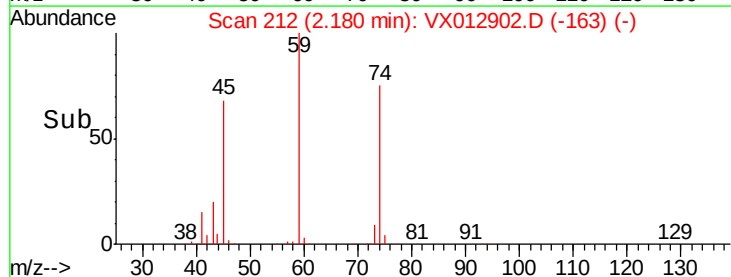
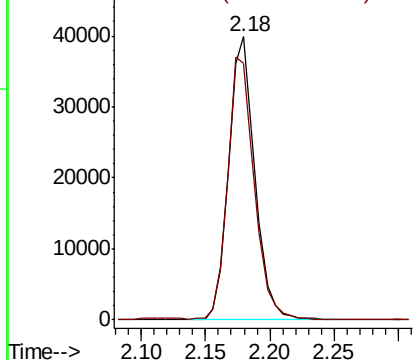
#8

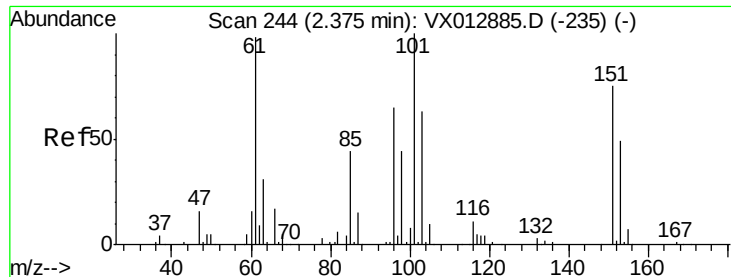
Diethyl Ether
Concen: 49.221 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 74 Resp: 56809
Ion Ratio Lower Upper
74 100
45 95.6 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.441 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampleId :

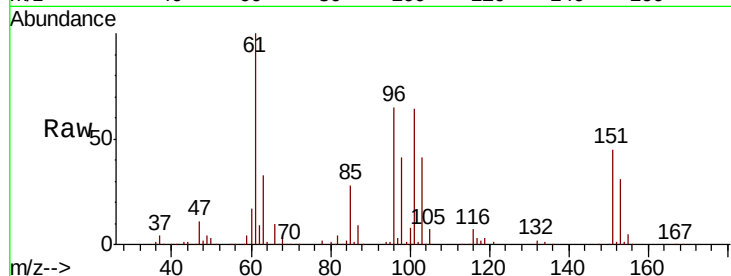
Tot Ion:101 Resp: 93344

Ion Ratio Lower Upper

101 100

85 43.2 35.2 52.8

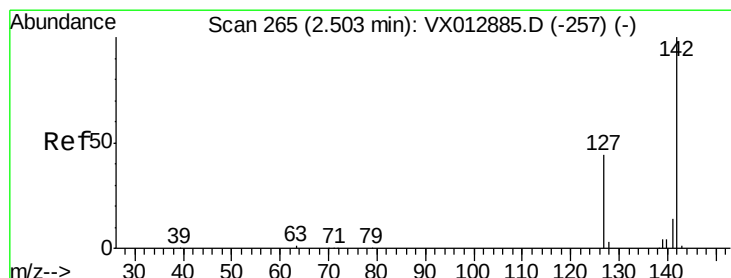
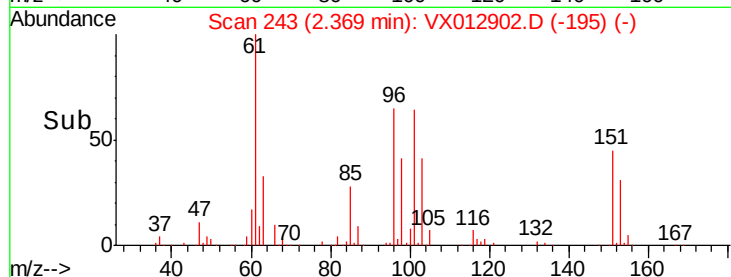
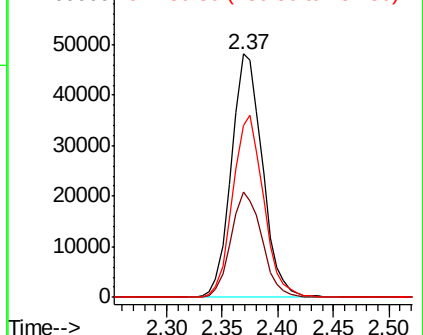
151 74.4 60.3 90.5



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: 44.795 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

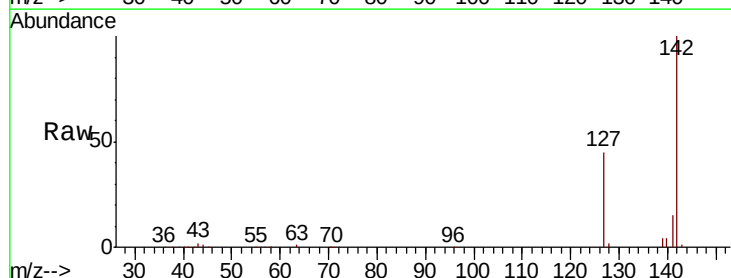
Tgt Ion:142 Resp: 92677

Ion Ratio Lower Upper

142 100

127 43.7 34.9 52.3

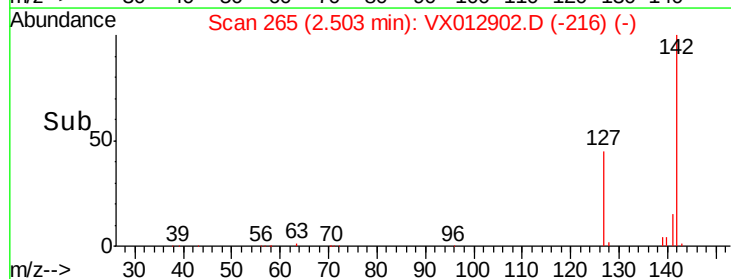
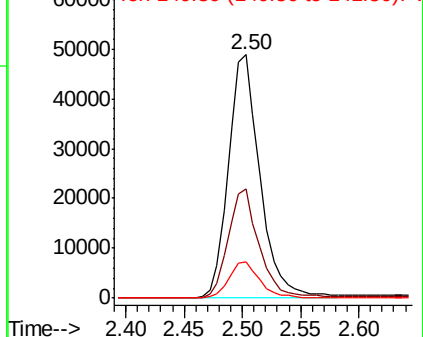
141 14.4 11.6 17.4

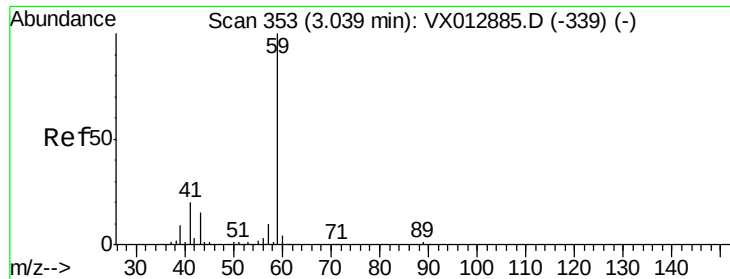


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

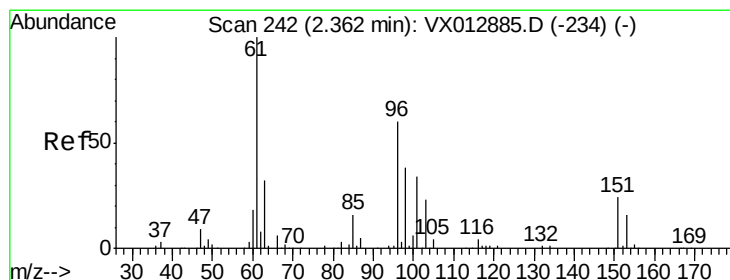
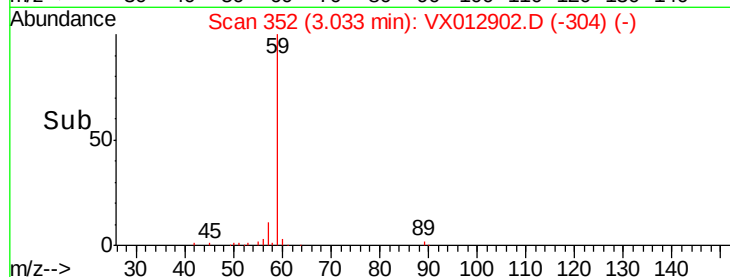
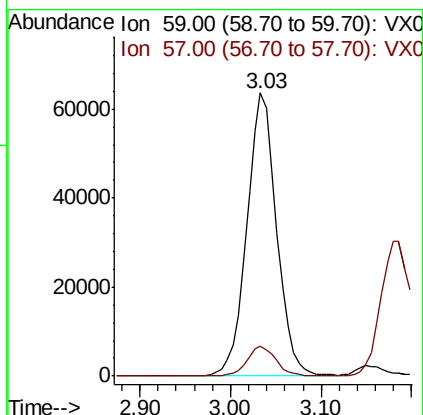
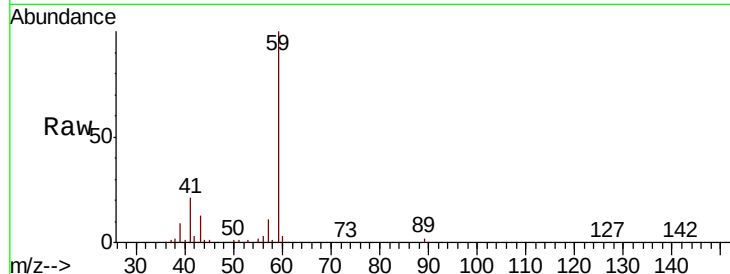




#11
Tert butyl alcohol
Concen: 235.924 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

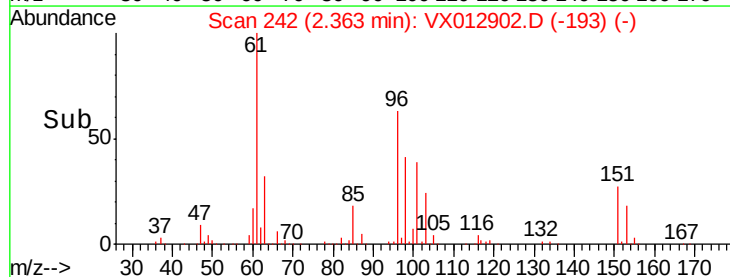
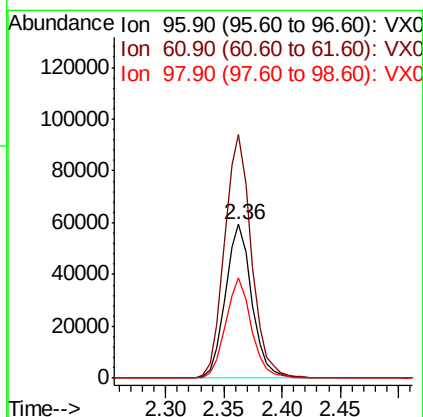
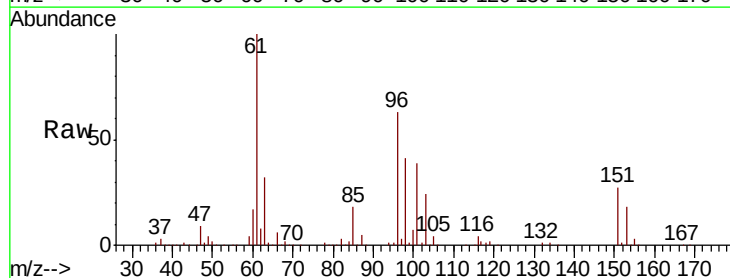
Instrument :
MSVOA_X
ClientSampleId :

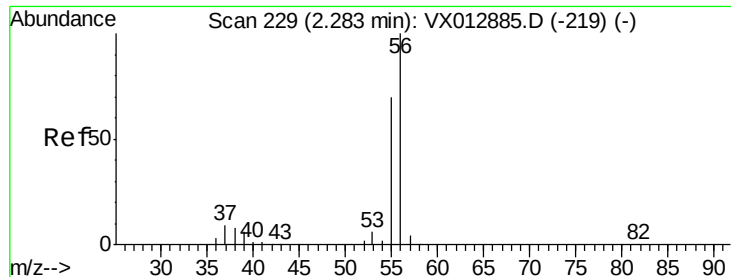
Tot Ion: 59 Resp: 144629
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.908 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 96 Resp: 93315
Ion Ratio Lower Upper
96 100
61 158.4 132.2 198.4
98 64.8 50.5 75.7

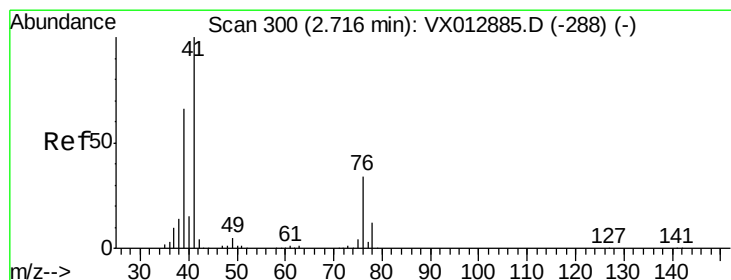
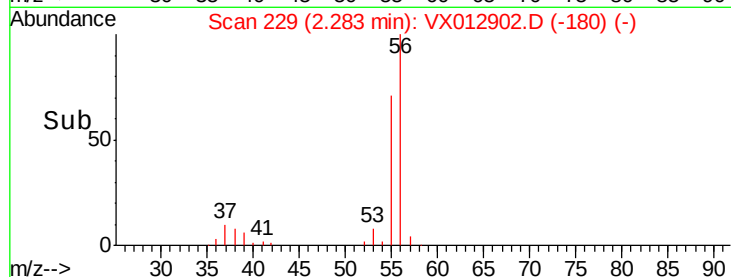
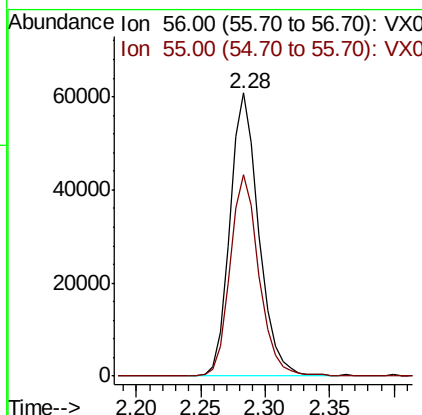
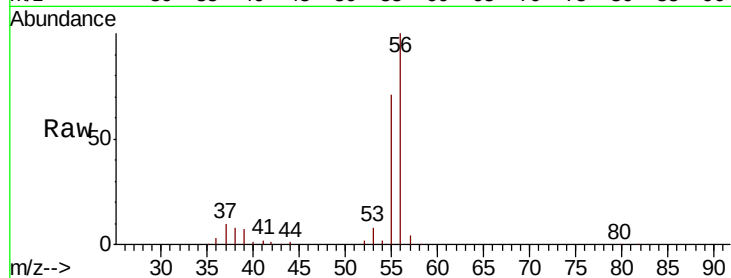




#13
Acrolein
Concen: 218.553 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

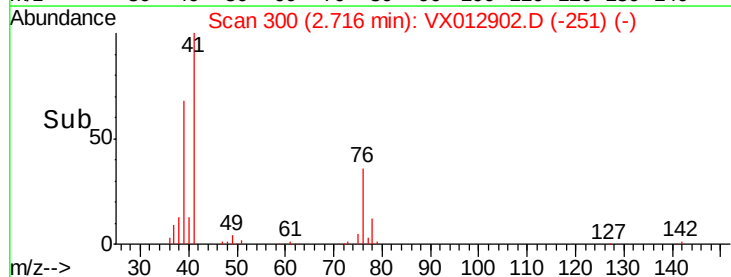
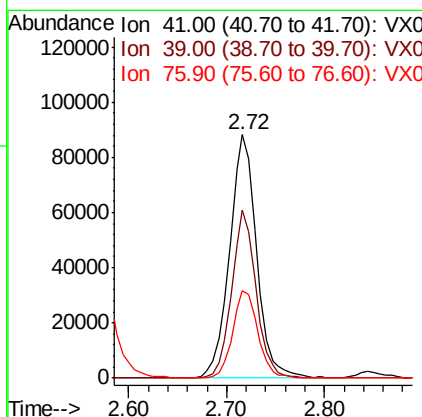
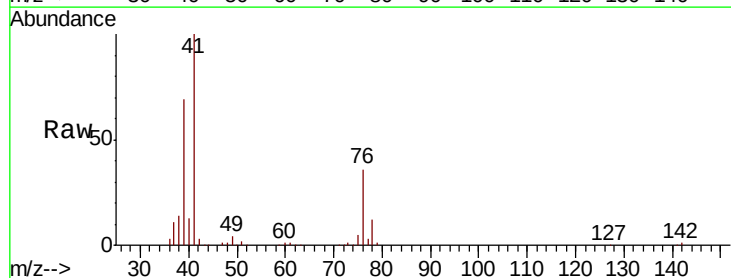
Instrument :
MSVOA_X
ClientSampleId :

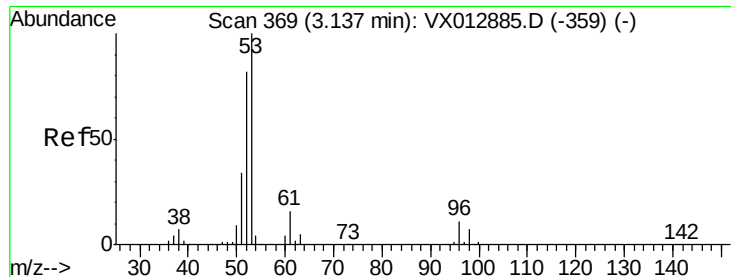
Tot Ion: 56 Resp: 95214
Ion Ratio Lower Upper
56 100
55 71.6 56.6 85.0



#14
Allyl chloride
Concen: 50.589 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 41 Resp: 168449
Ion Ratio Lower Upper
41 100
39 62.8 51.0 76.6
76 33.6 26.2 39.4





#15

Acrylonitrile

Concen: 253.037 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampleId :

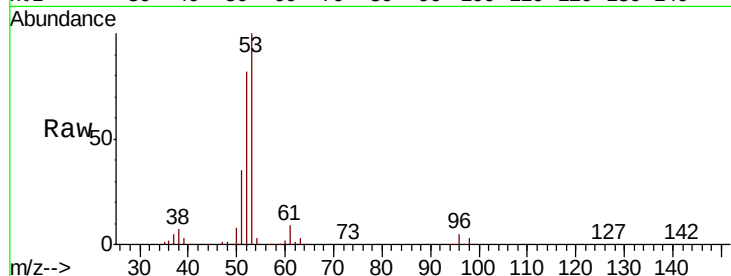
Tot Ion: 53 Resp: 293964

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.2

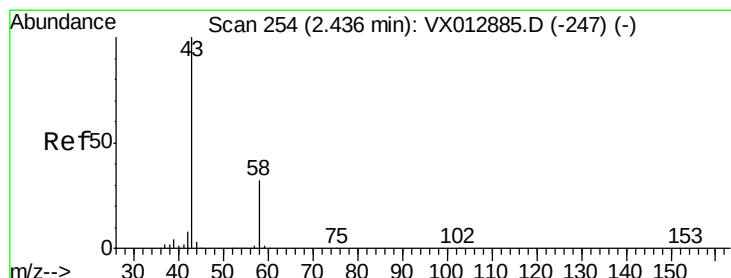
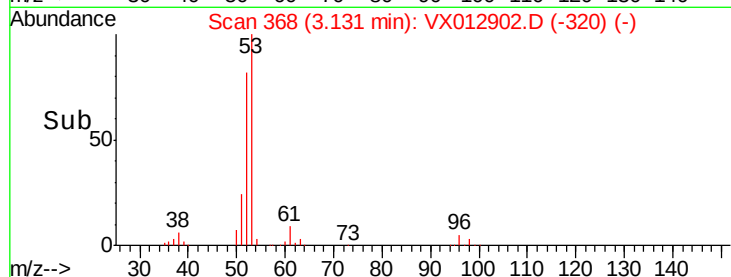
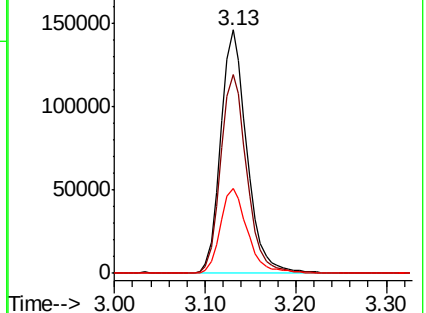
51 35.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 206.106 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012902.D

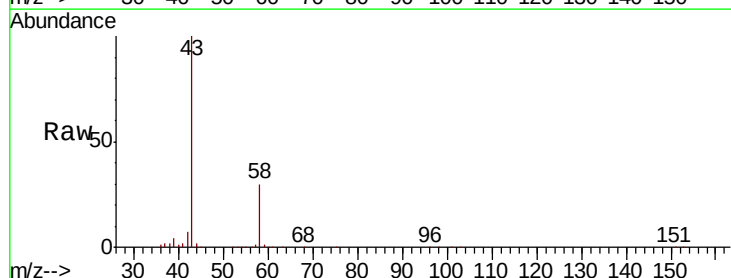
Acq: 08 Oct 2019 20:10

Tgt Ion: 43 Resp: 251230

Ion Ratio Lower Upper

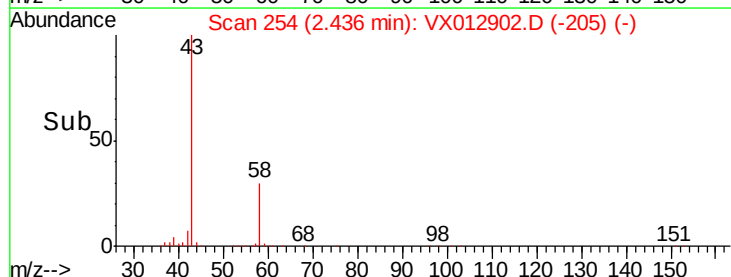
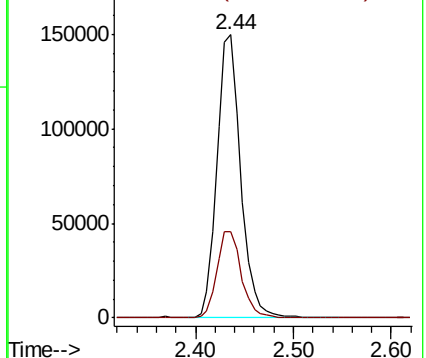
43 100

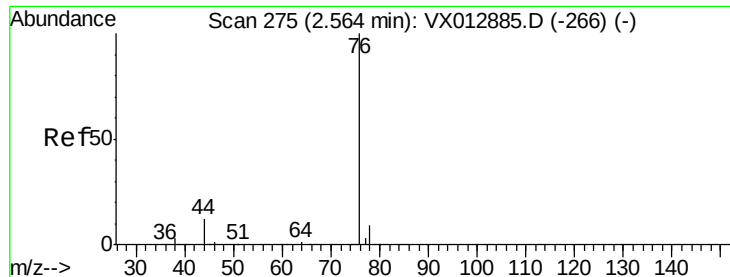
58 30.5 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.730 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

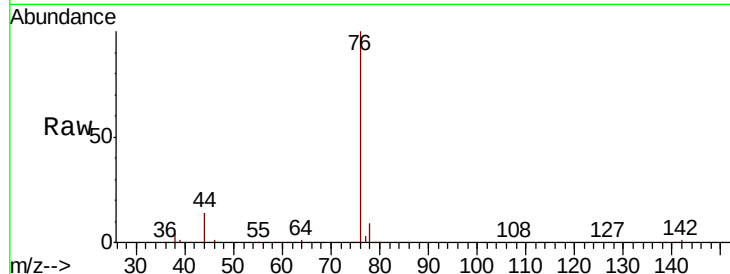
ClientSampleId :

Tot Ion: 76 Resp: 254468

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

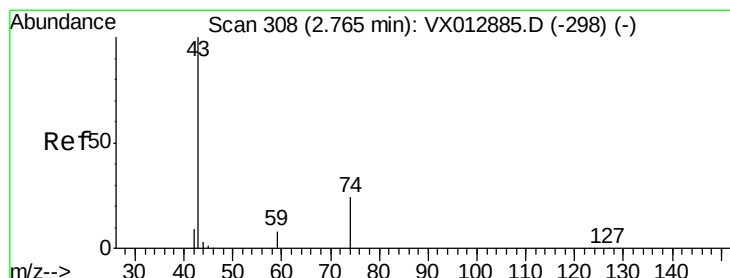
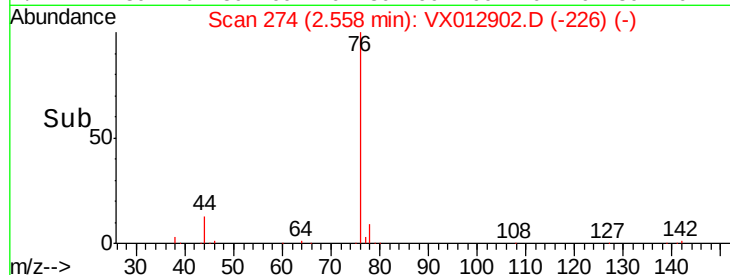
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 48.875 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012902.D

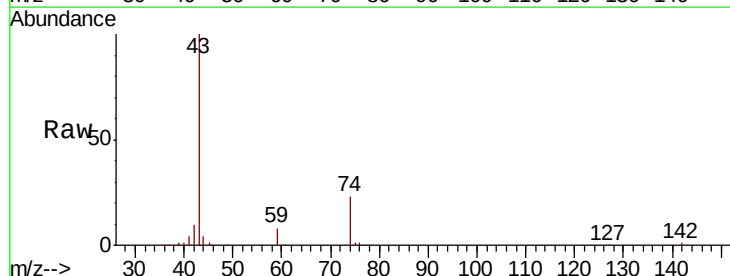
Acq: 08 Oct 2019 20:10

Tgt Ion: 43 Resp: 141211

Ion Ratio Lower Upper

43 100

74 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

40000

20000

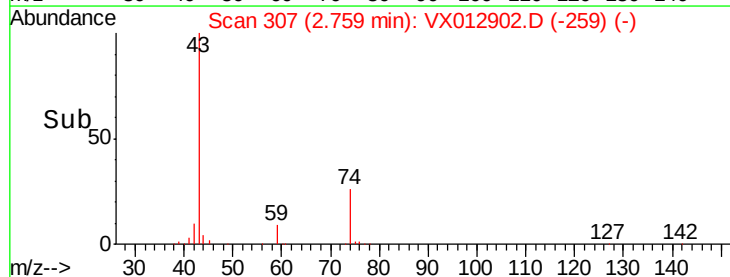
0

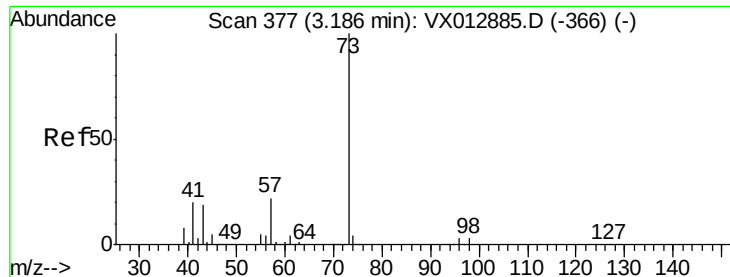
Time-->

2.70

2.80

2.90

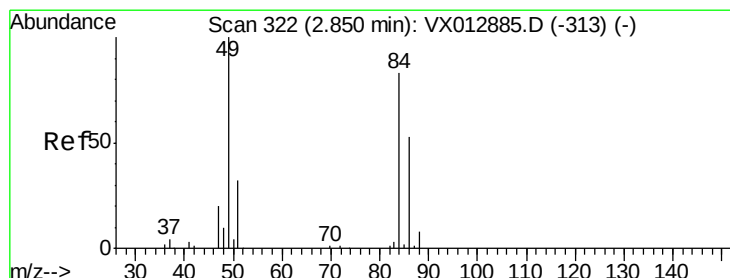
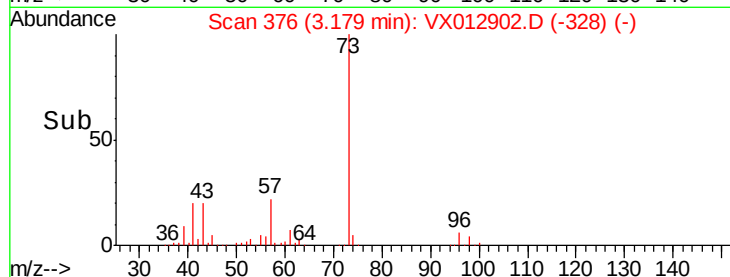
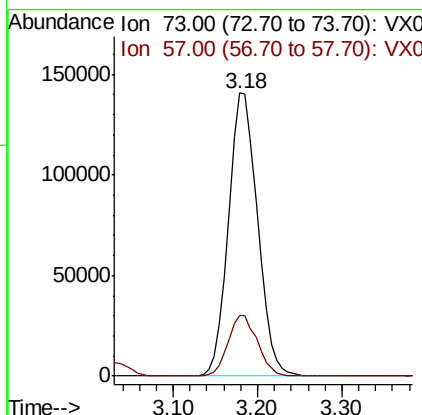
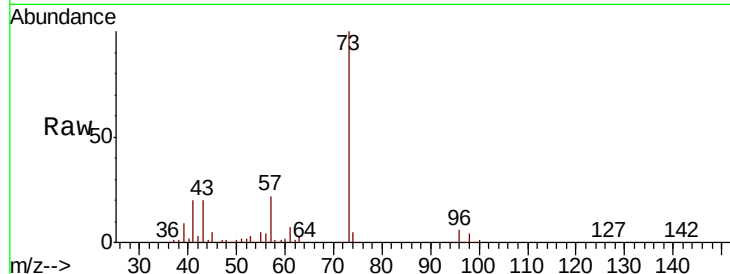




#19
Methyl tert-butyl Ether
Concen: 51.111 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

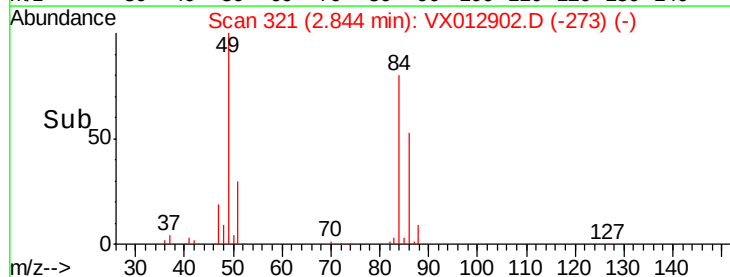
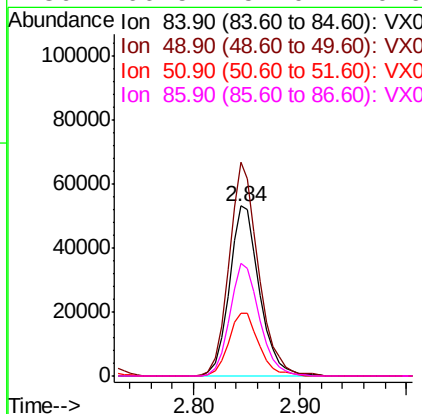
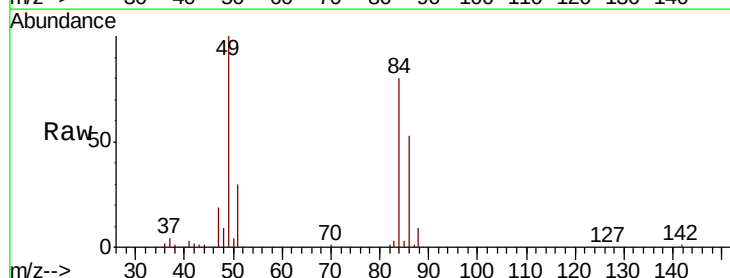
Instrument :
MSVOA_X
ClientSampleId :

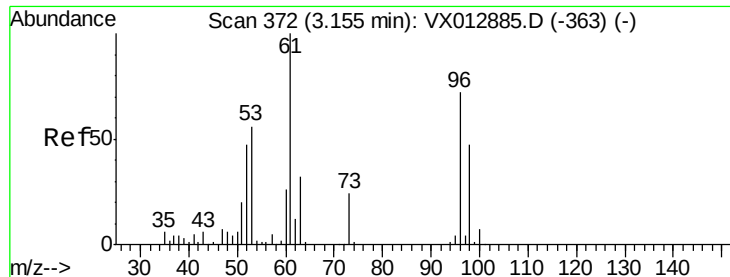
Tot Ion: 73 Resp: 330017
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.6



#20
Methylene Chloride
Concen: 46.610 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 84 Resp: 104415
Ion Ratio Lower Upper
84 100
49 125.6 96.6 144.8
51 37.2 30.7 46.1
86 66.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.966 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampled :

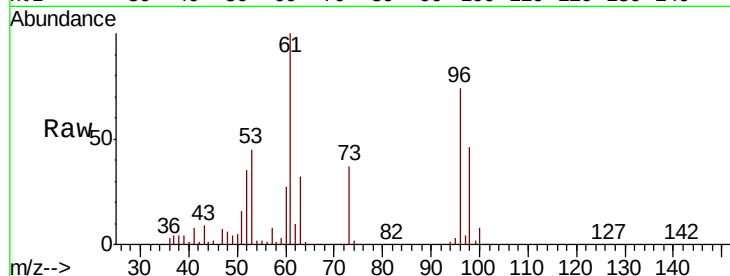
Tot Ion: 96 Resp: 100132

Ion Ratio Lower Upper

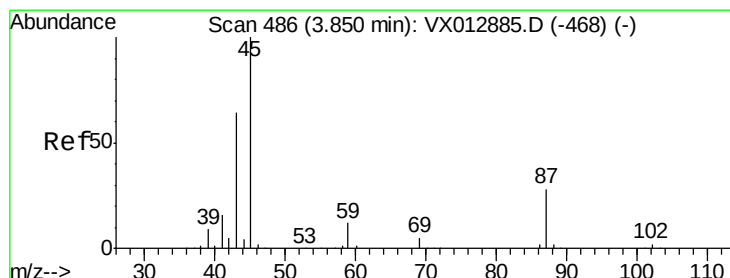
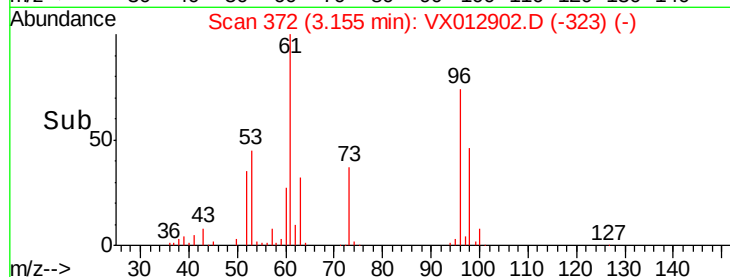
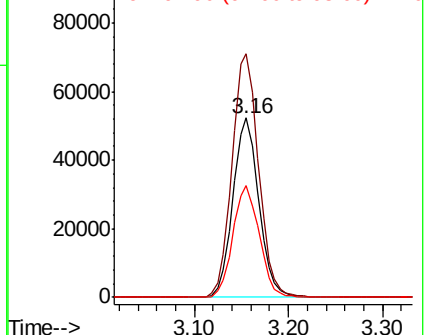
96 100

61 135.8 110.4 165.6

98 62.5 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: 51.285 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Tgt Ion: 45 Resp: 327220

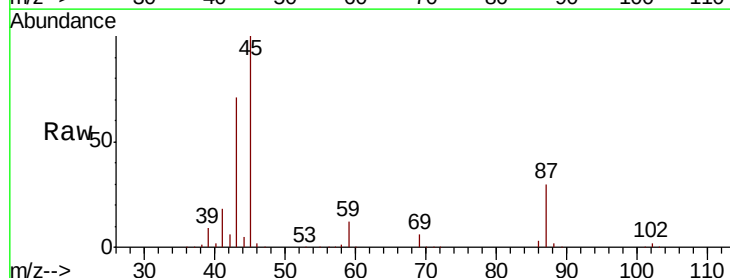
Ion Ratio Lower Upper

45 100

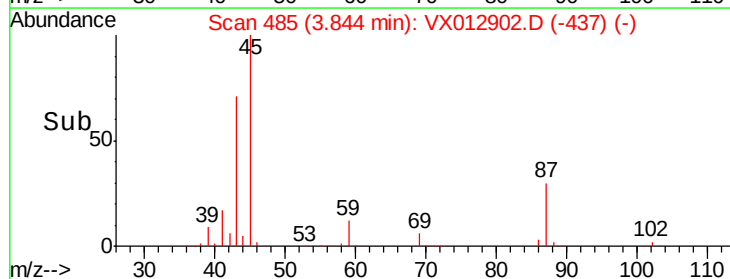
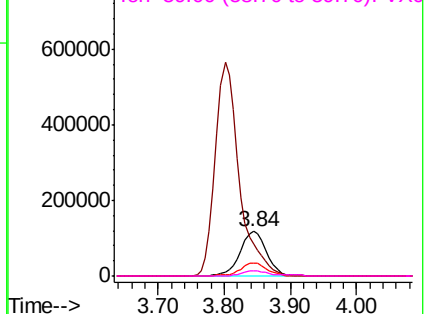
43 70.7 51.4 77.0

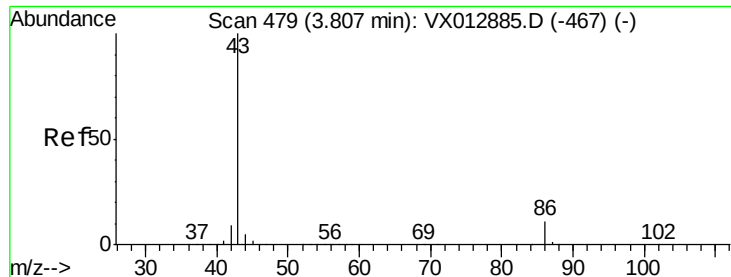
87 29.8 22.5 33.7

59 12.1 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: 260.476 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

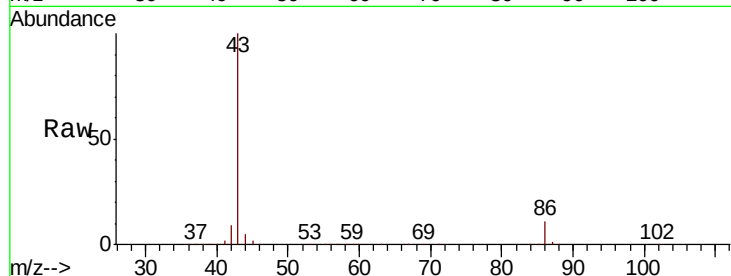
ClientSampleId :

Tot Ion: 43 Resp: 1434713

Ion Ratio Lower Upper

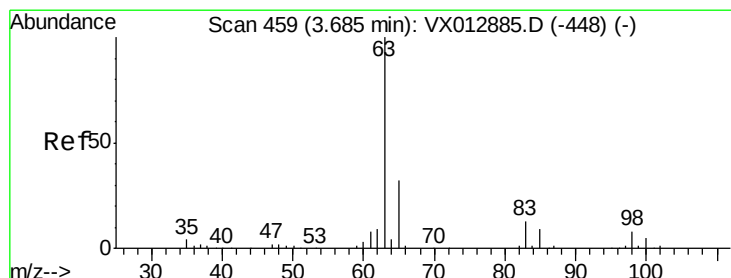
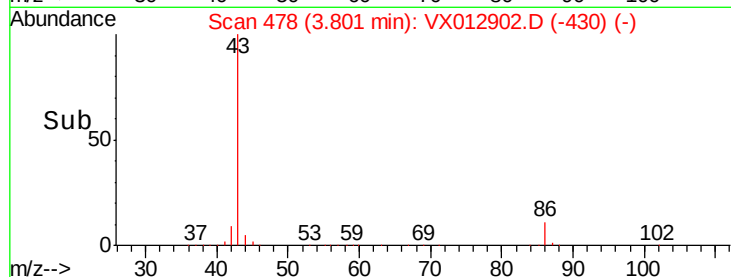
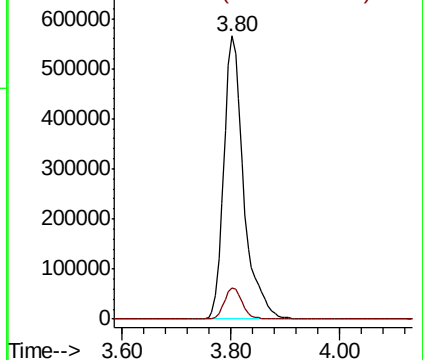
43 100

86 10.9 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: 50.431 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

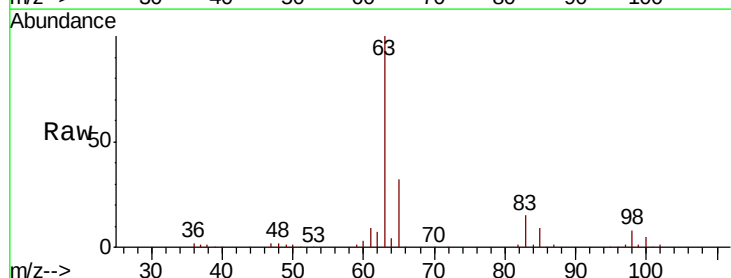
Tgt Ion: 63 Resp: 181021

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

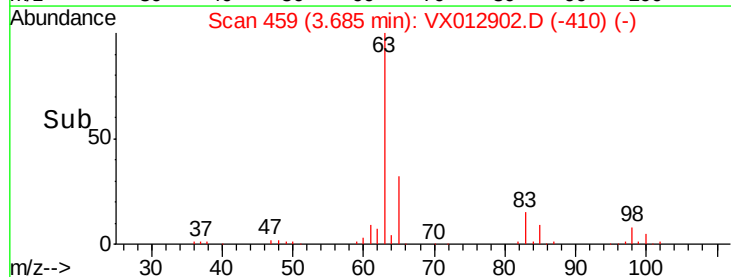
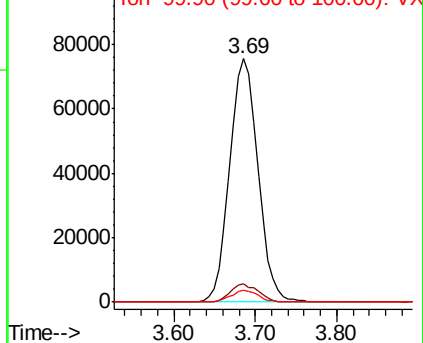
100 4.7 2.3 6.9

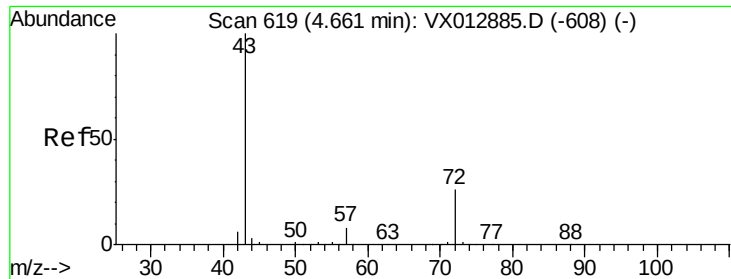


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.998 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

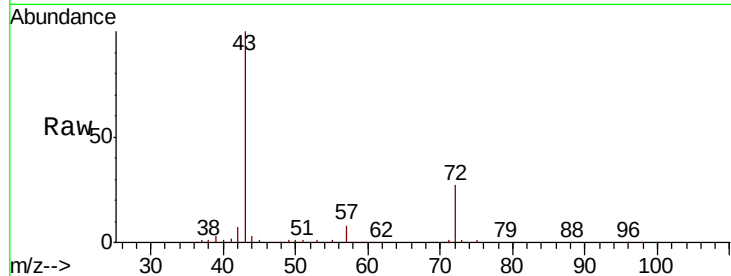
ClientSampleId :

Tot Ion: 43 Resp: 405862

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

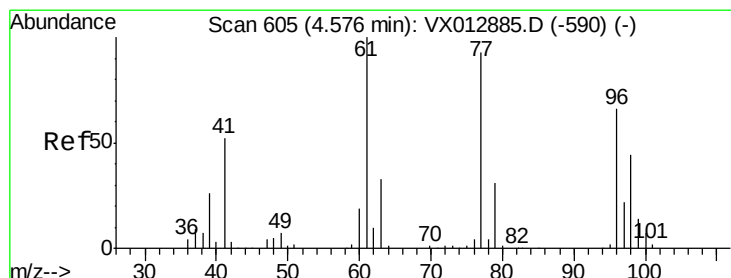
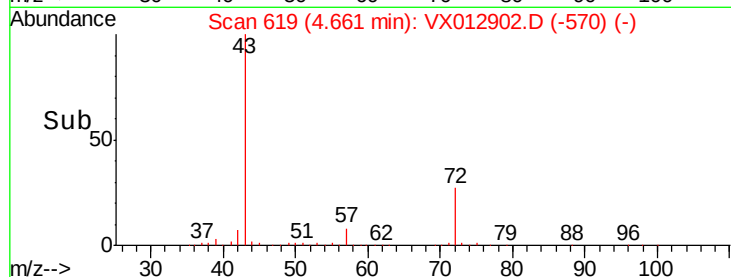
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 45.852 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012902.D

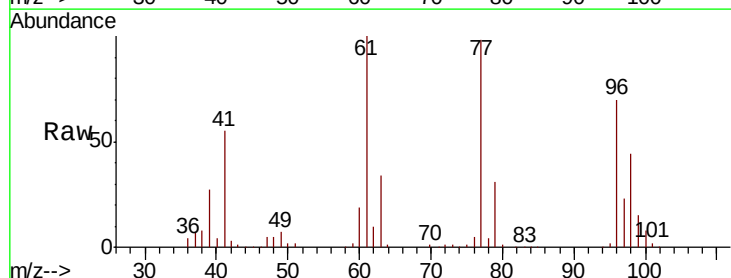
Acq: 08 Oct 2019 20:10

Tgt Ion: 77 Resp: 138401

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

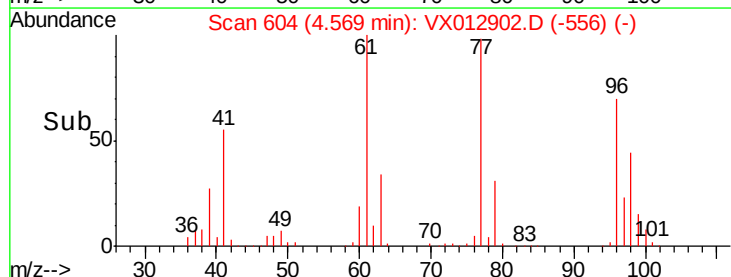
20000

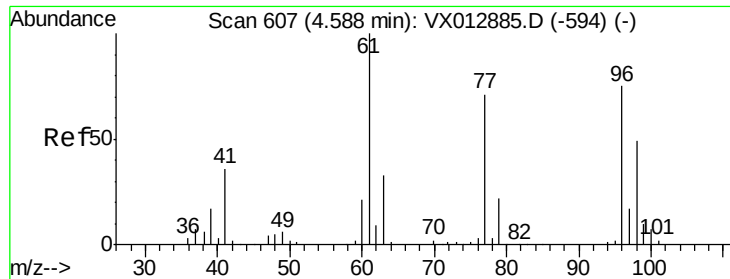
10000

0

4.40 4.50 4.60 4.70

Time-->



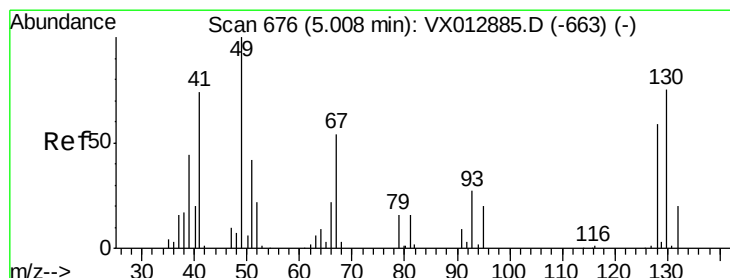
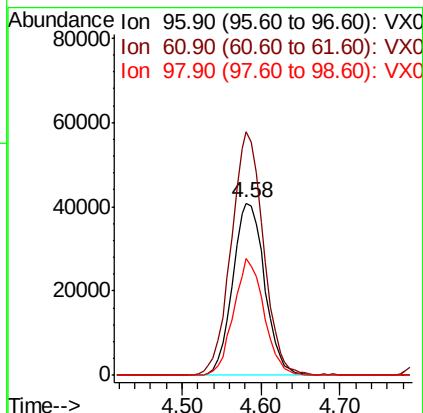
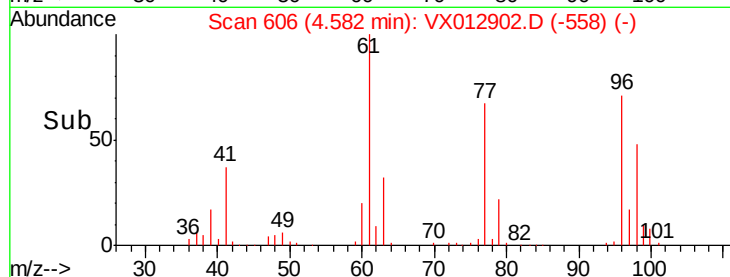
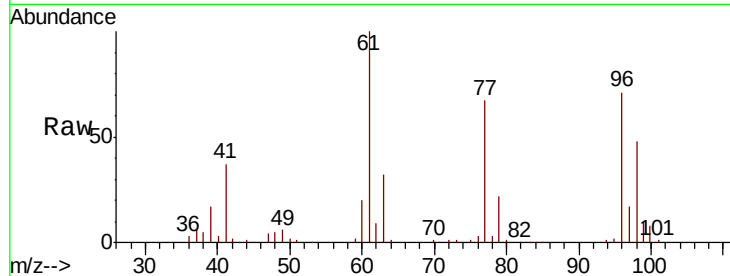


#27

cis-1,2-Dichloroethene
Concen: 49.876 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Instrument :
MSVOA_X
ClientSampleId :

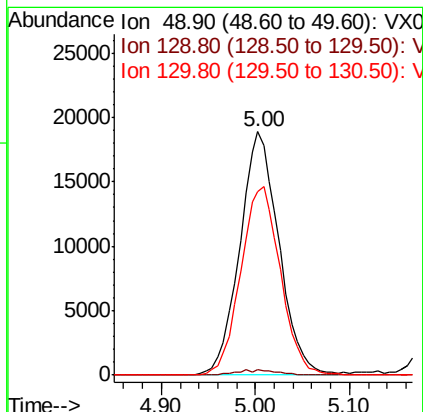
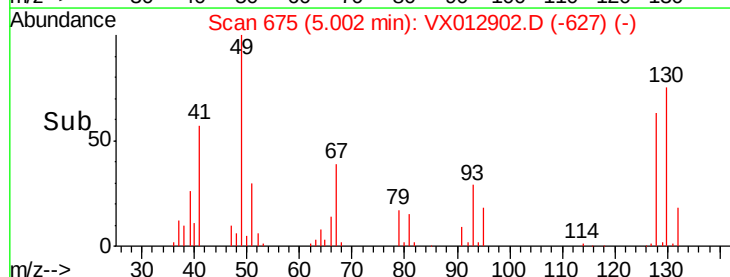
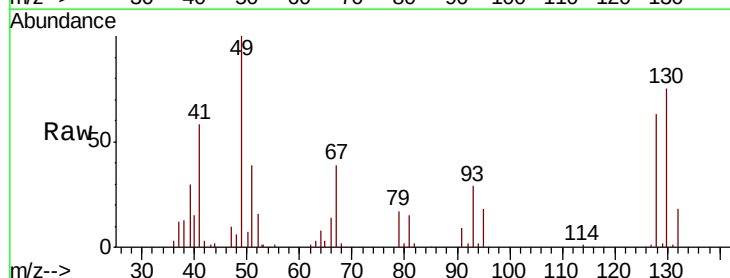
Tot Ion: 96 Resp: 115214
Ion Ratio Lower Upper
96 100
61 142.2 0.0 290.6
98 64.7 0.0 128.8

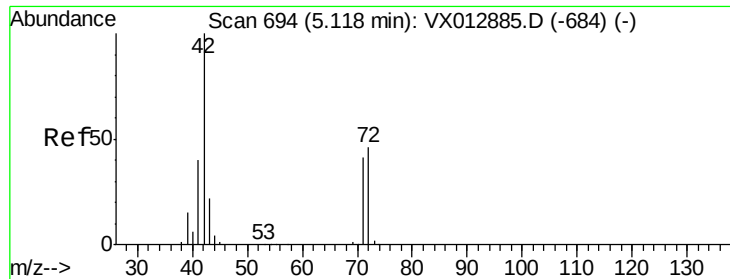


#28

Bromochloromethane
Concen: 51.079 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 49 Resp: 54783
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 78.8 62.1 93.1

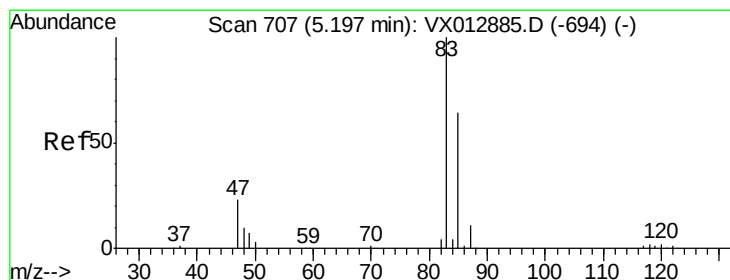
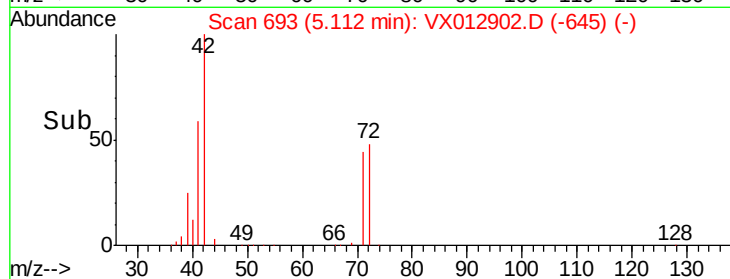
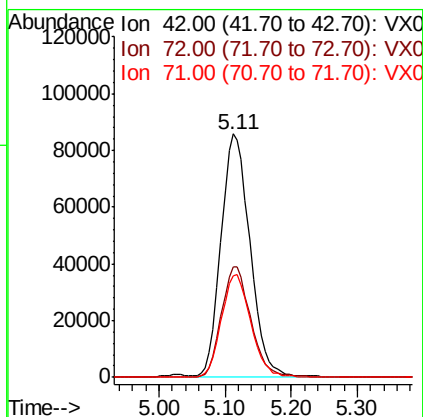
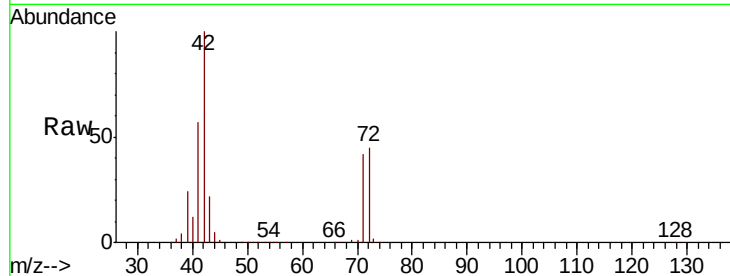




#29
Tetrahydrofuran
Concen: 251.161 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

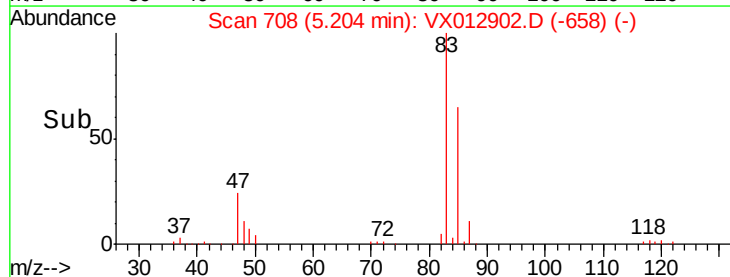
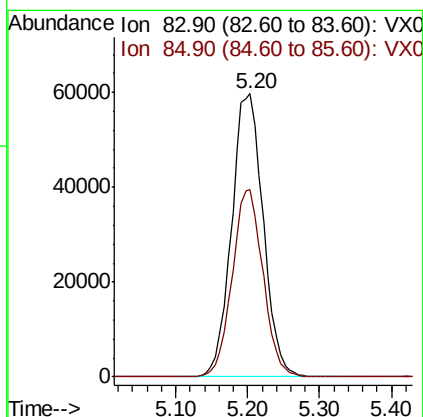
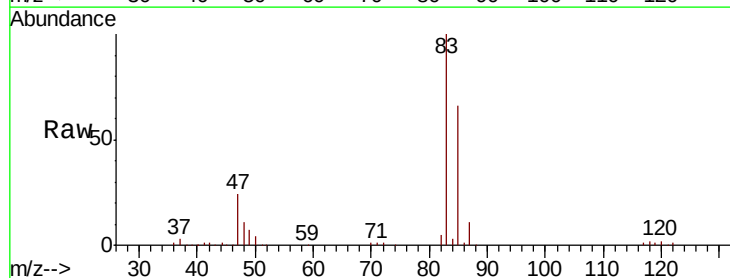
Instrument :
MSVOA_X
ClientSampled :

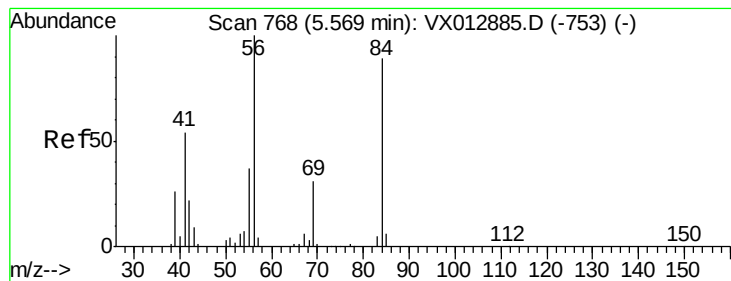
Tot Ion: 42 Resp: 261371
Ion Ratio Lower Upper
42 100
72 45.9 36.9 55.3
71 42.7 33.5 50.3



#30
Chloroform
Concen: 49.386 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 83 Resp: 181894
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3





#31

Cyclohexane

Concen: 50.258 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampled :

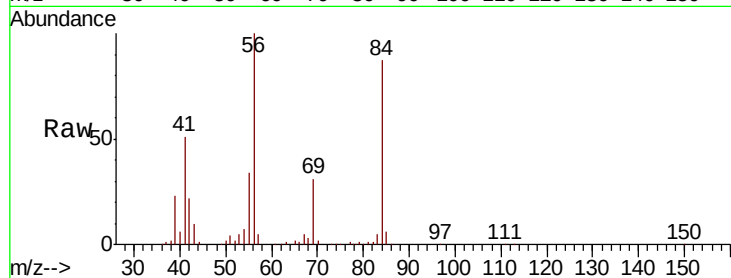
Tot Ion: 56 Resp: 168685

Ion Ratio Lower Upper

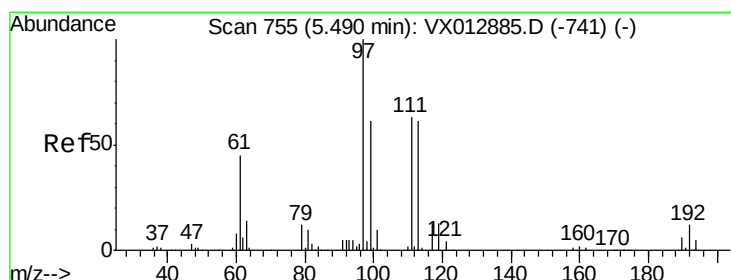
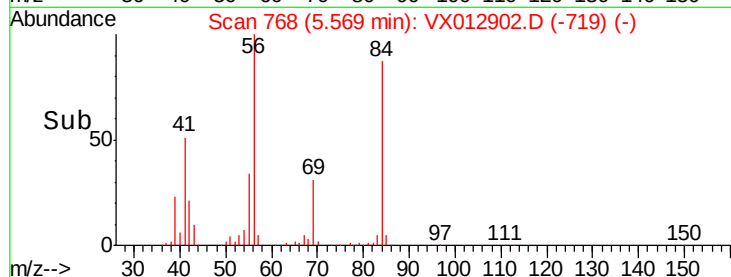
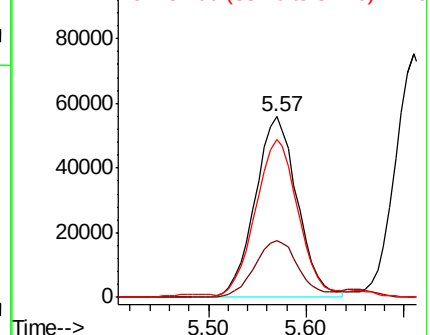
56 100

69 31.4 25.2 37.8

84 86.0 71.3 106.9



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



#32

1,1,1-Trichloroethane

Concen: 51.649 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

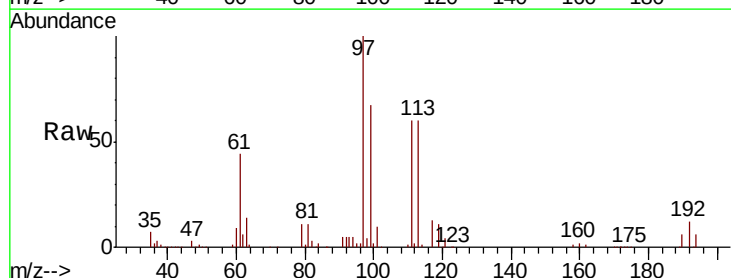
Tgt Ion: 97 Resp: 161182

Ion Ratio Lower Upper

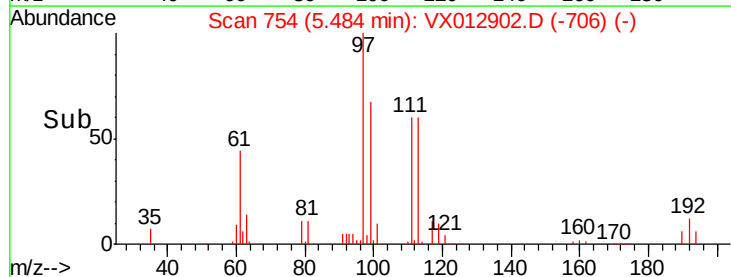
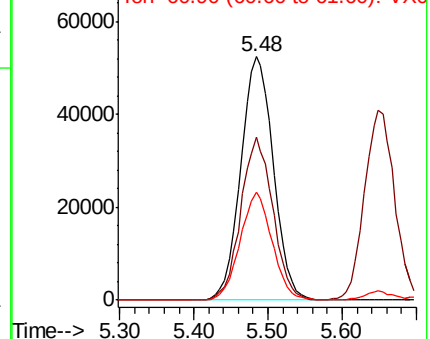
97 100

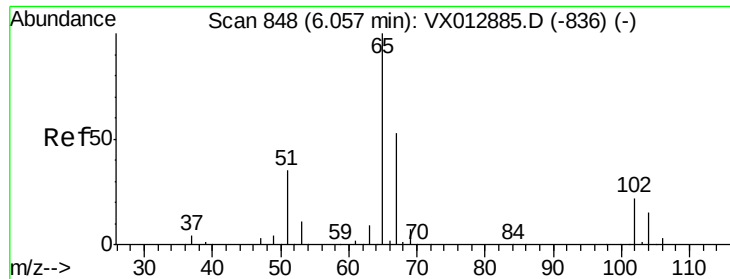
99 65.5 52.3 78.5

61 43.5 35.0 52.4



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





#33

1,2-Dichloroethane-d4

Concen: 50.054 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

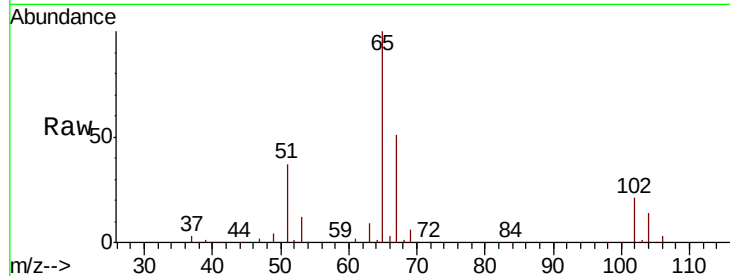
ClientSampleId :

Tot Ion: 65 Resp: 115751

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

30000

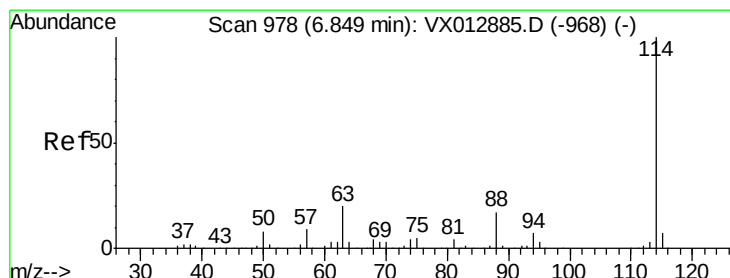
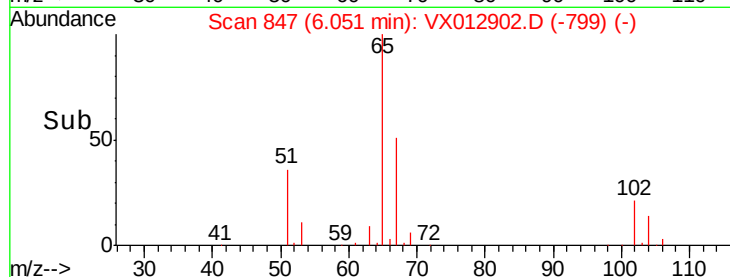
20000

10000

0

6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

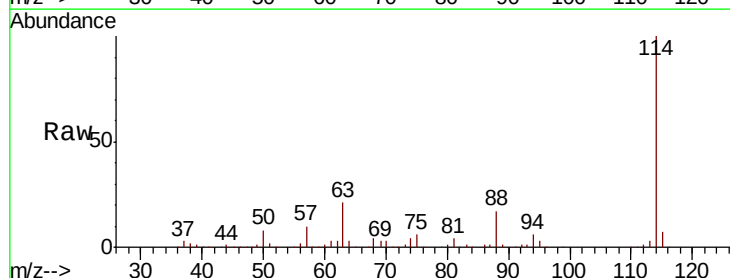
Tgt Ion:114 Resp: 316432

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 17.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

150000

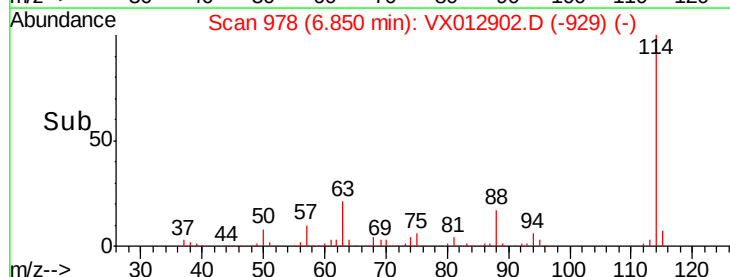
100000

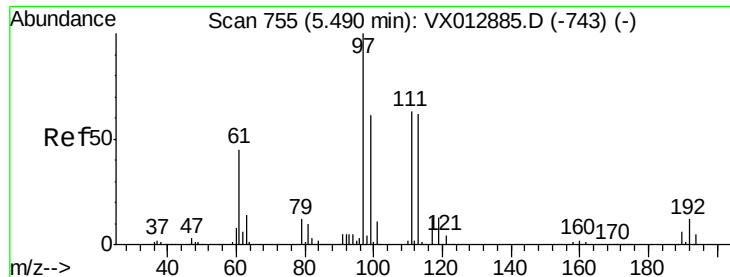
50000

0

6.70 6.80 6.90 7.00

Time-->

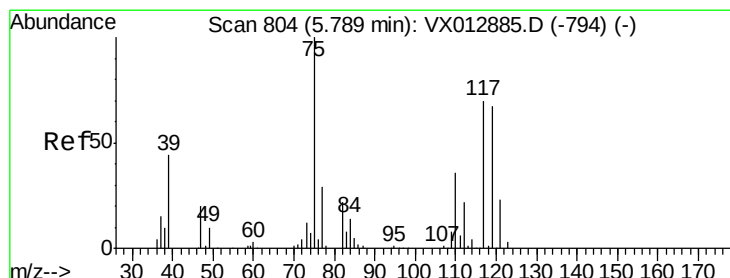
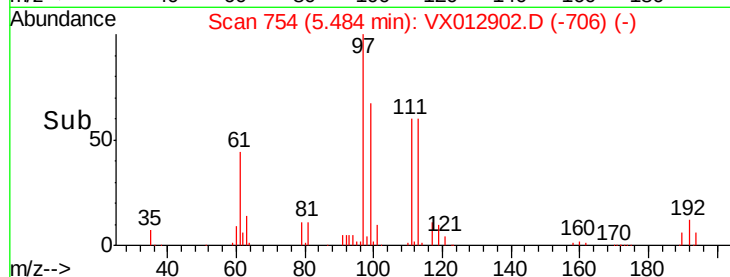
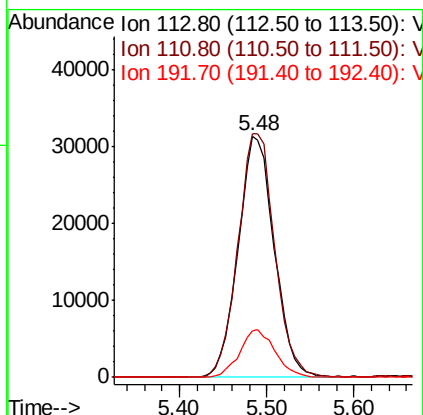
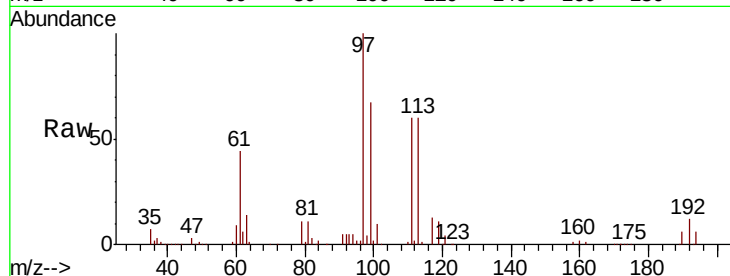




#35
 Dibromofluoromethane
 Concen: 49.447 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

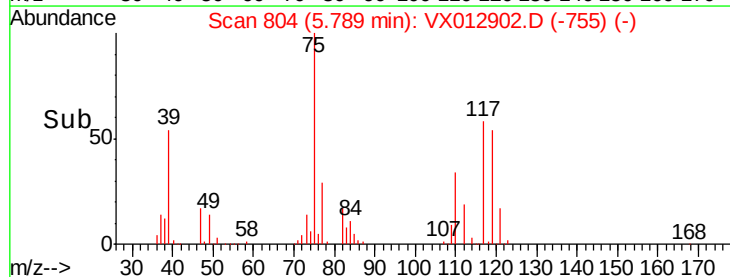
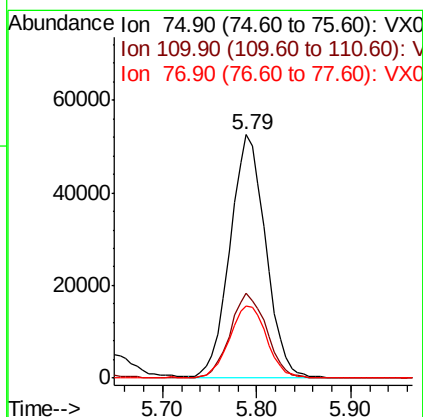
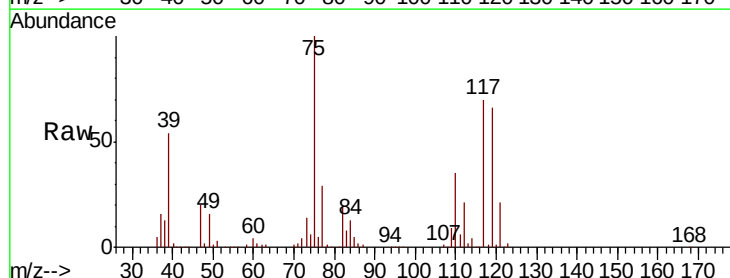
Instrument :
 MSVOA_X
 ClientSampleId :

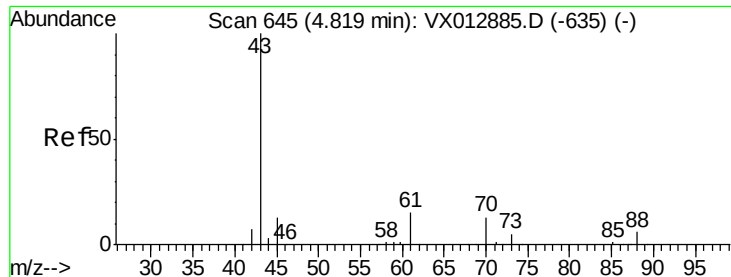
Tot Ion:113 Resp: 89803
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.2 124.8
 192 19.5 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 49.734 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion: 75 Resp: 138364
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.6 52.9
 77 31.1 24.4 36.6

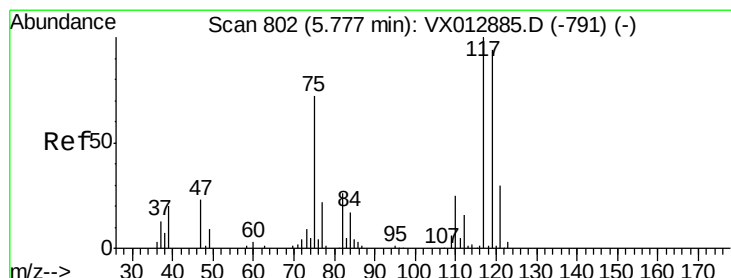
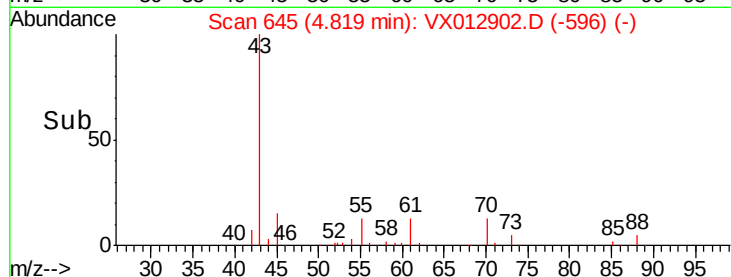
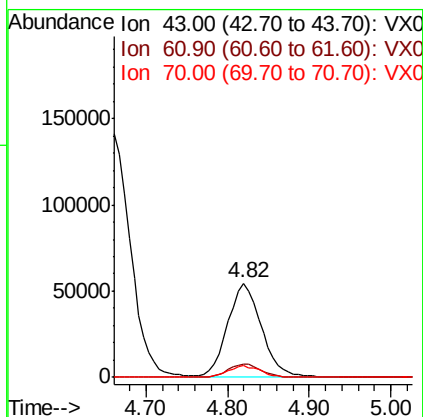
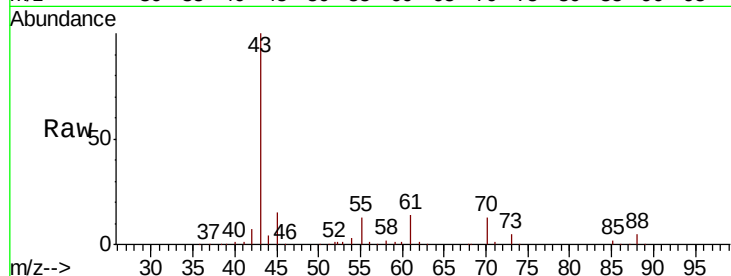




#37
Ethyl Acetate
Concen: 49.753 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

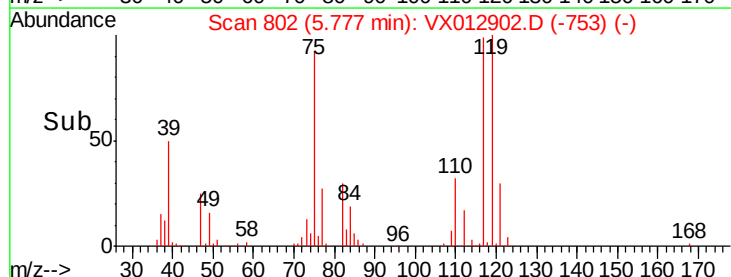
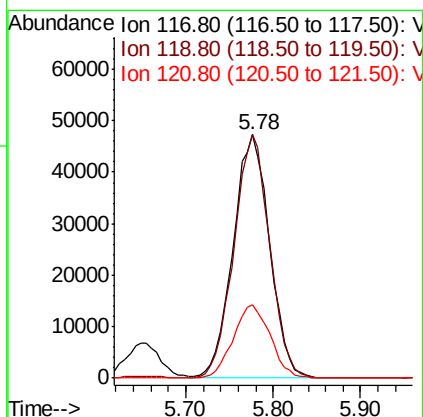
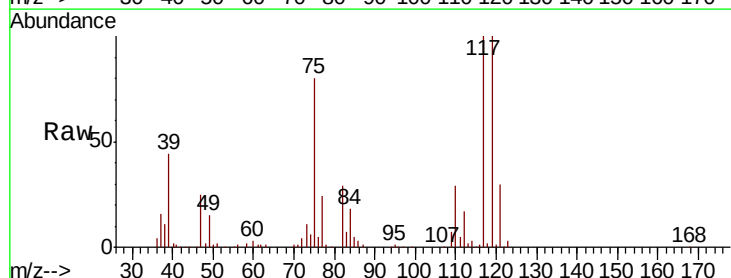
Instrument :
MSVOA_X
ClientSampleId :

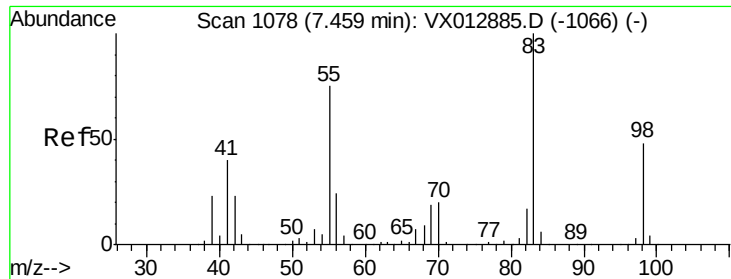
Tot Ion: 43 Resp: 154777
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 12.1 9.8 14.6



#38
Carbon Tetrachloride
Concen: 50.686 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 117 Resp: 137253
Ion Ratio Lower Upper
117 100
119 100.0 74.5 111.7
121 30.1 24.2 36.4

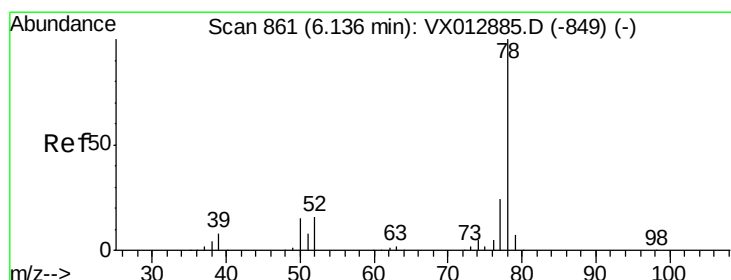
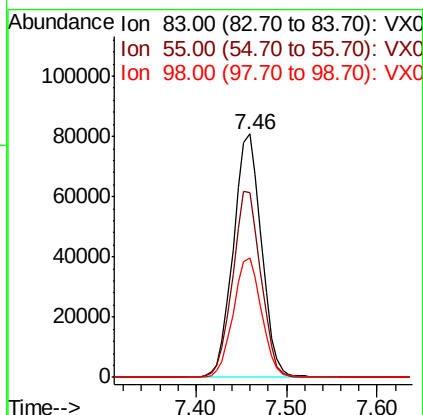
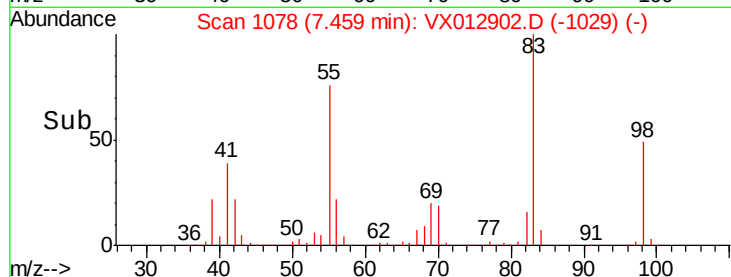
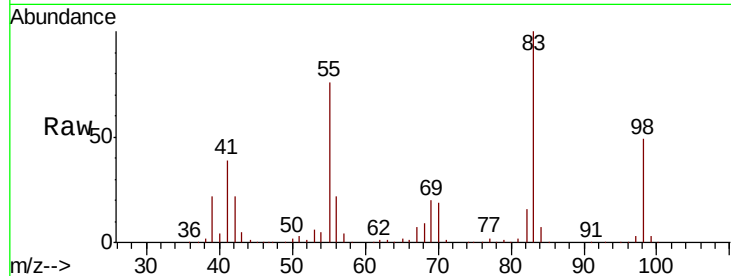




#39
Methylvlcyclohexane
Concen: 51.624 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

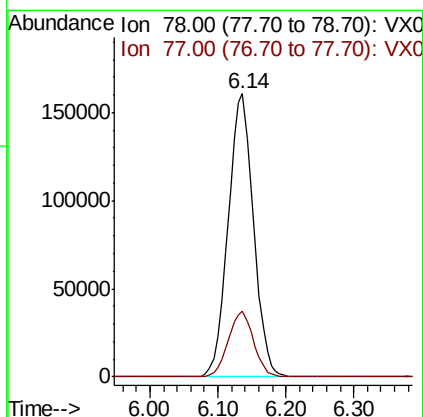
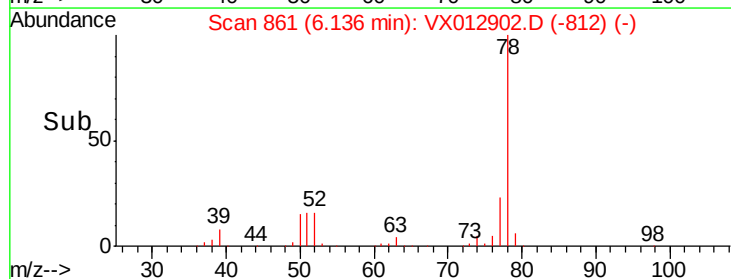
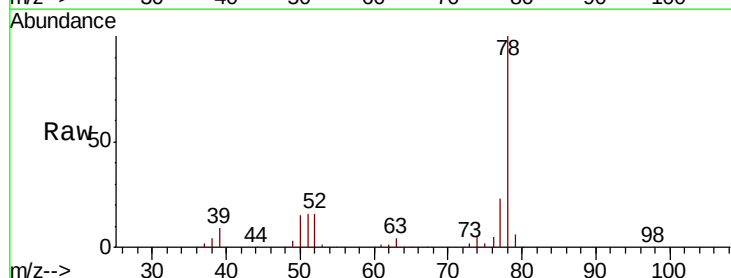
Instrument :
MSVOA_X
ClientSampled :

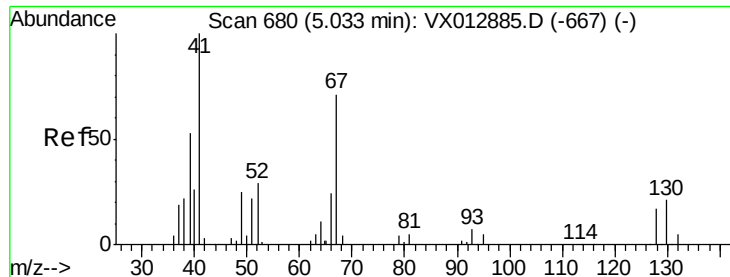
Tot Ion: 83 Resp: 174175
Ion Ratio Lower Upper
83 100
55 76.0 60.2 90.4
98 48.9 38.5 57.7



#40
Benzene
Concen: 50.438 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 78 Resp: 414442
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41

Methacrylonitrile

Concen: 49.958 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 85398

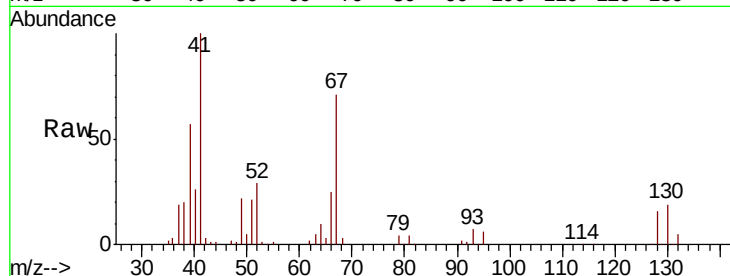
Ion Ratio Lower Upper

41 100

39 53.5 44.0 66.0

67 72.7 58.5 87.7

52 28.7 23.8 35.8

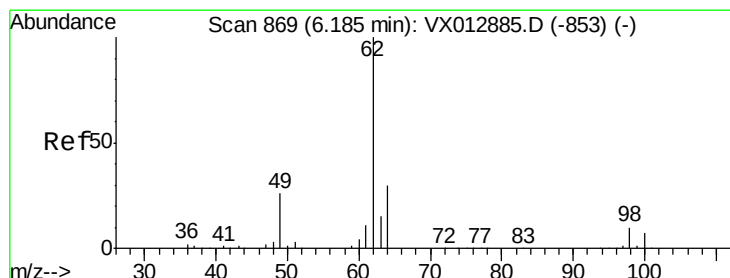
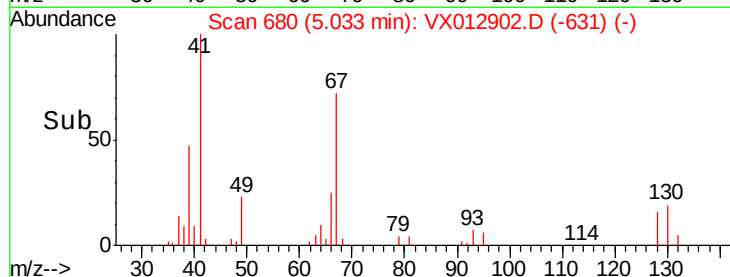
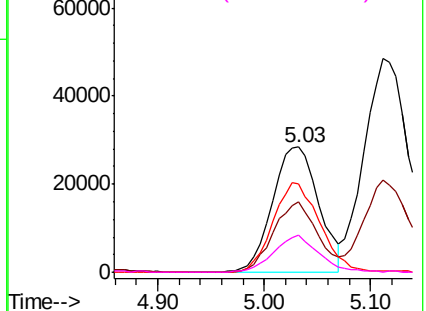


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.314 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012902.D

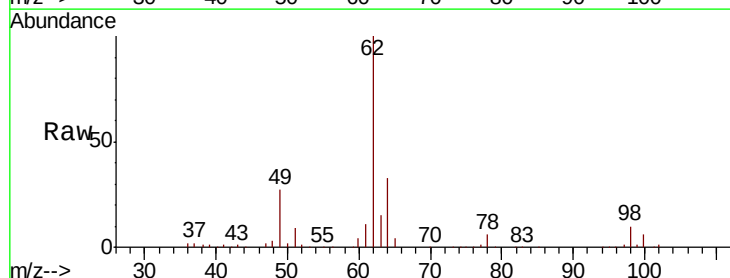
Acq: 08 Oct 2019 20:10

Tgt Ion: 62 Resp: 148350

Ion Ratio Lower Upper

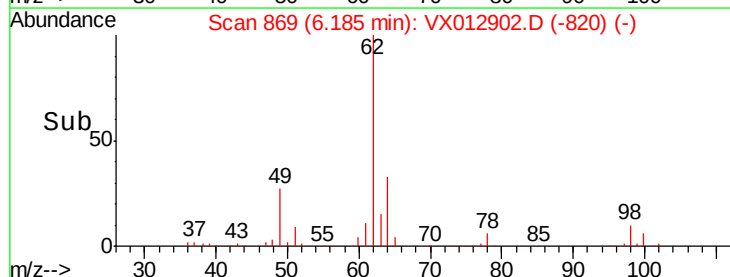
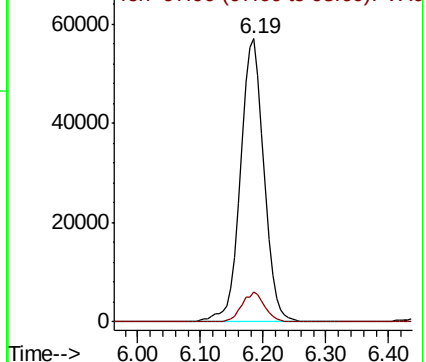
62 100

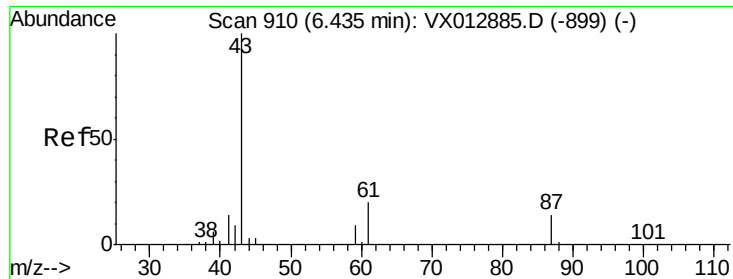
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



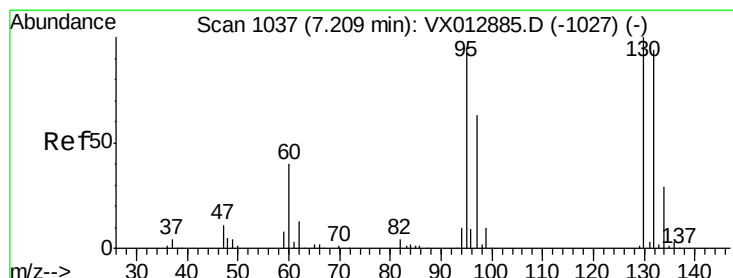
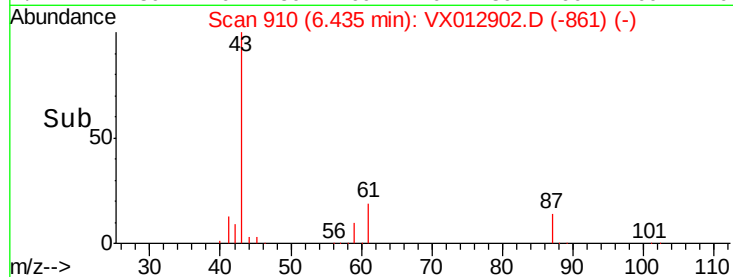
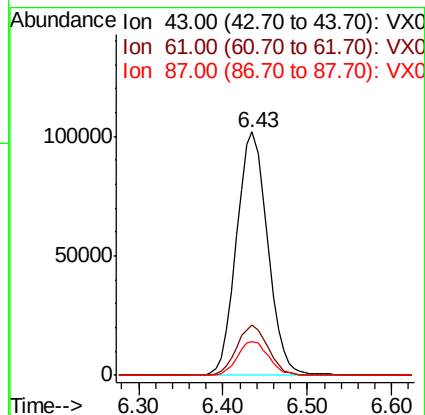
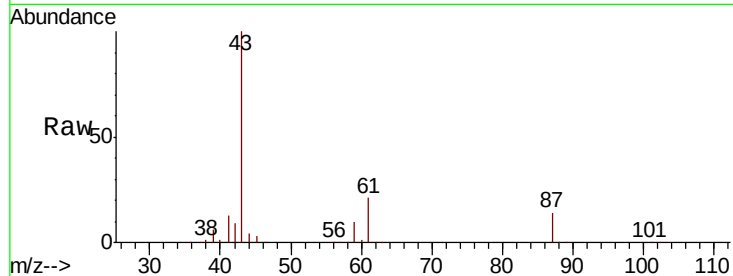


#43

Isopropyl Acetate
 Concen: 50.694 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Instrument :
 MSVOA_X
 ClientSampleId :

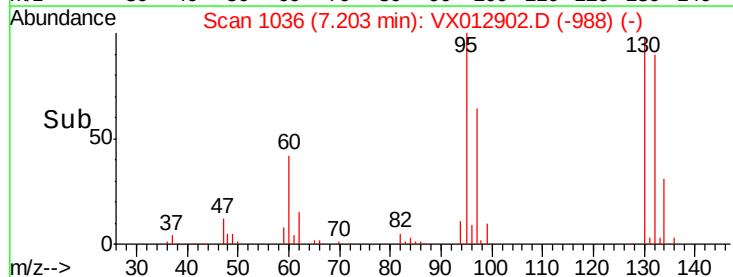
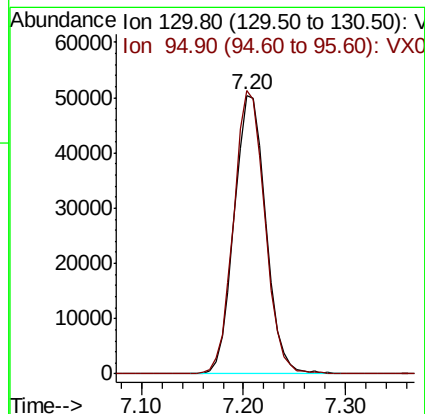
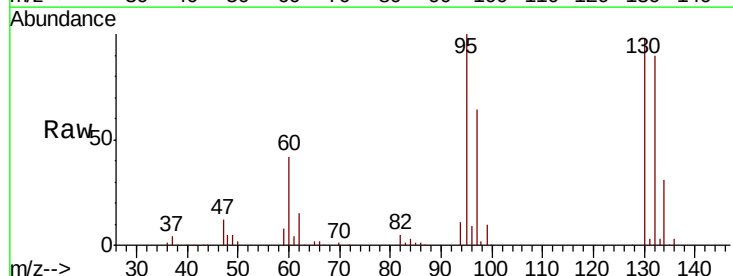
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.6	24.8
87	14.2	11.0	16.6

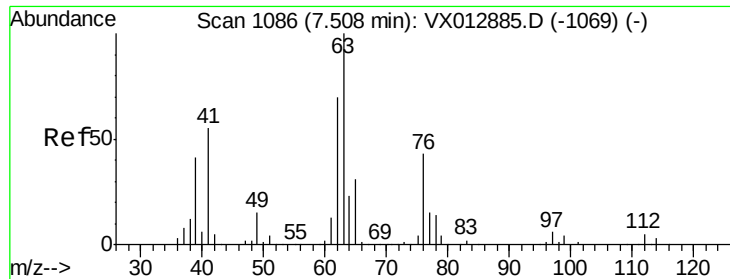


#44

Trichloroethene
 Concen: 47.359 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	189.2

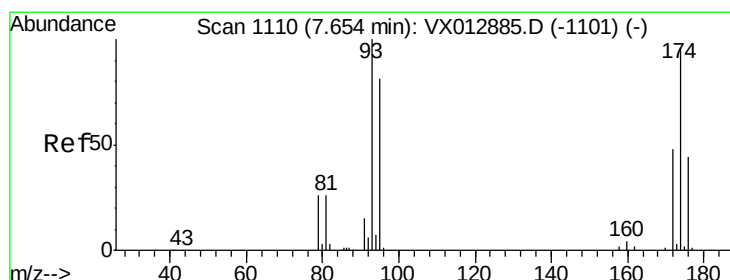
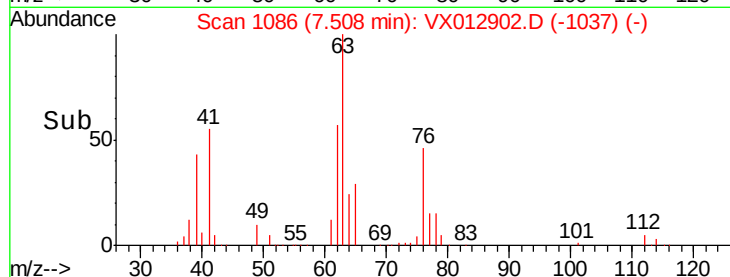
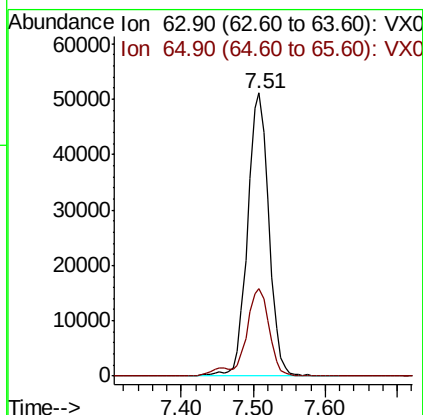
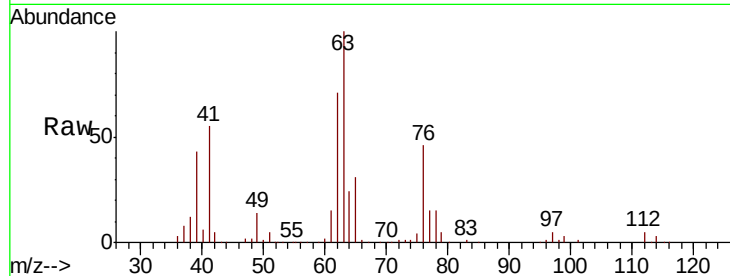




#45
 1,2-Dichloropropane
 Concen: 50.146 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

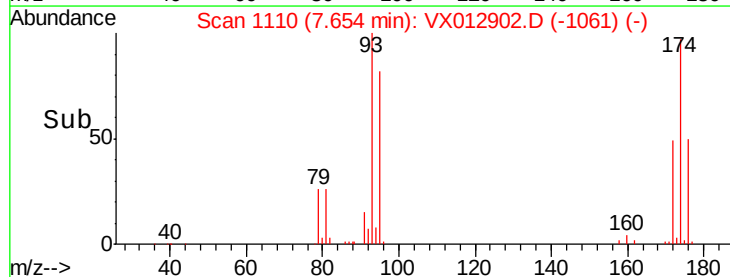
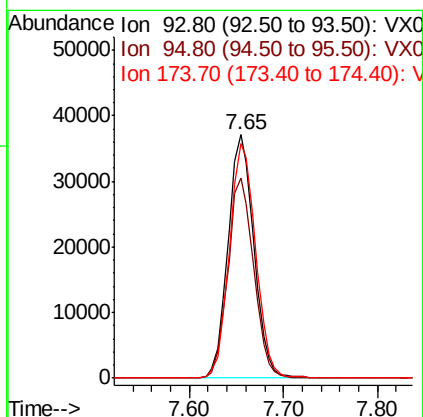
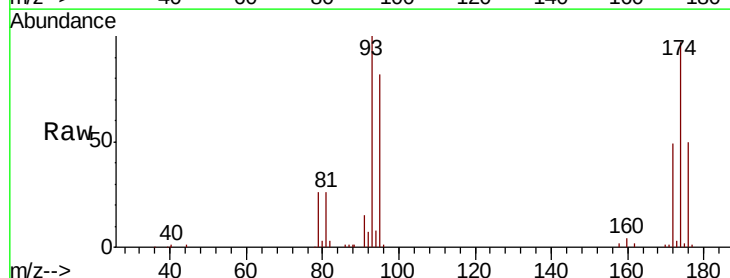
Instrument :
 MSVOA_X
 ClientSampled :

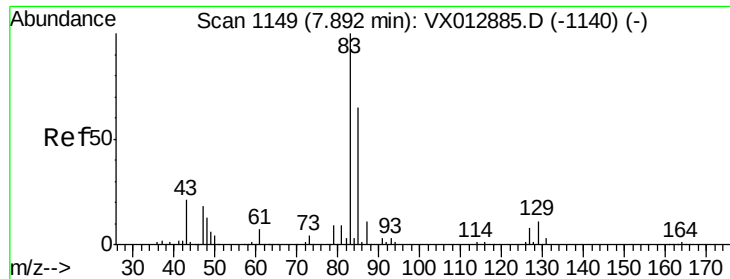
Tot Ion: 63 Resp: 105016
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0



#46
 Dibromomethane
 Concen: 50.721 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion: 93 Resp: 70771
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.3 99.5
 174 97.9 77.8 116.6





#47

Bromodichloromethane

Concen: 52.890 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampled :

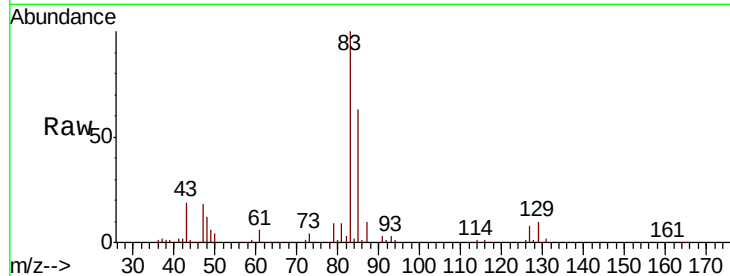
Tot Ion: 83 Resp: 144015

Ion Ratio Lower Upper

83 100

85 62.7 52.4 78.6

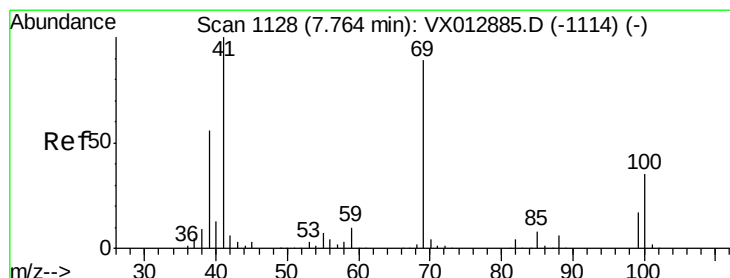
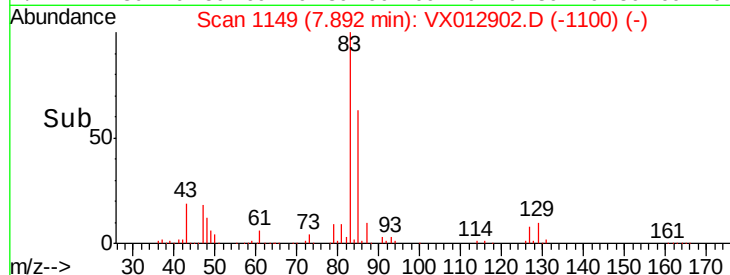
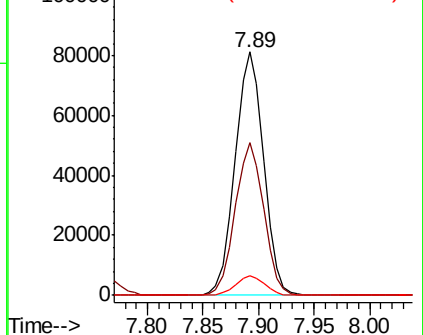
127 8.0 6.6 10.0



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: 51.148 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

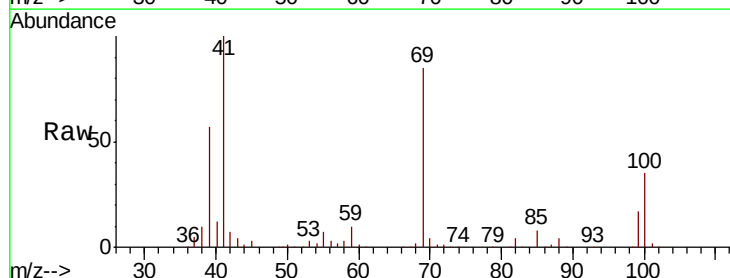
Tgt Ion: 41 Resp: 124454

Ion Ratio Lower Upper

41 100

69 84.3 68.7 103.1

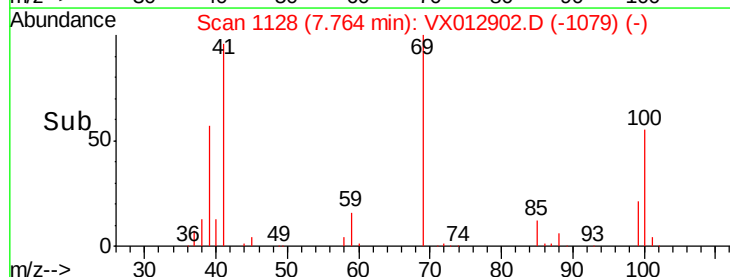
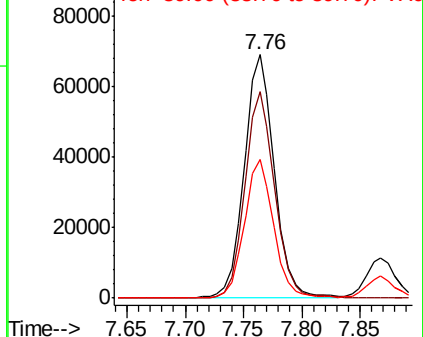
39 55.6 44.3 66.5

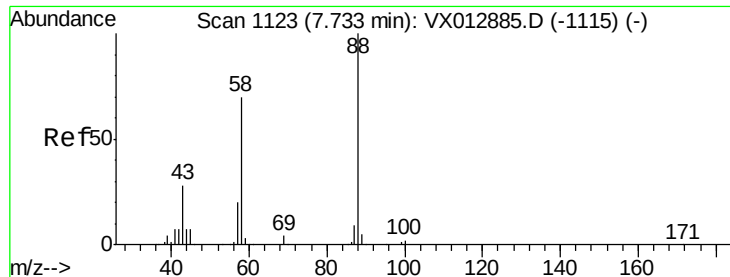


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 938.759 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampleId :

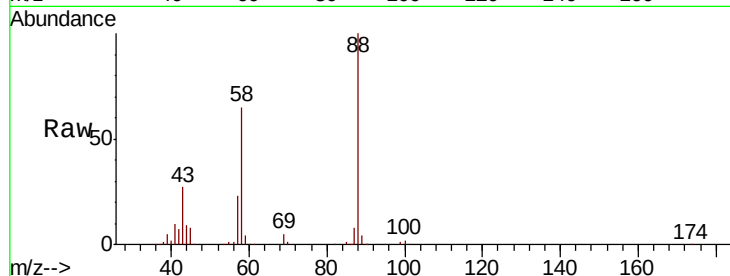
Tot Ion: 88 Resp: 61152

Ion Ratio Lower Upper

88 100

43 31.2 25.0 37.6

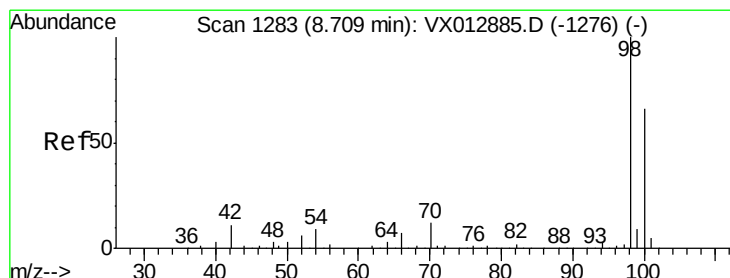
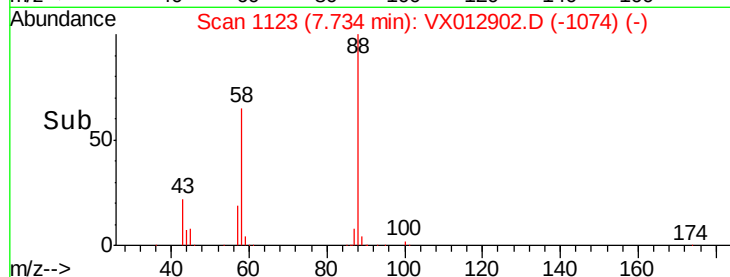
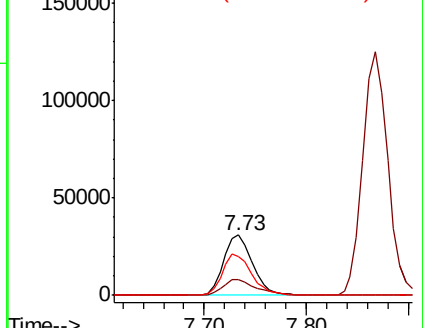
58 69.4 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.116 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012902.D

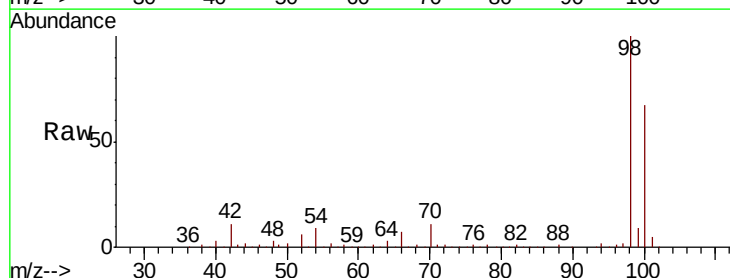
Acq: 08 Oct 2019 20:10

Tgt Ion: 98 Resp: 347913

Ion Ratio Lower Upper

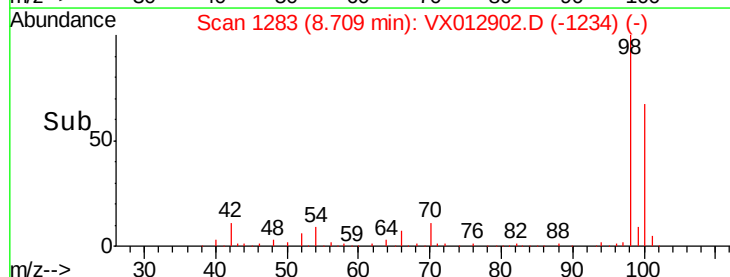
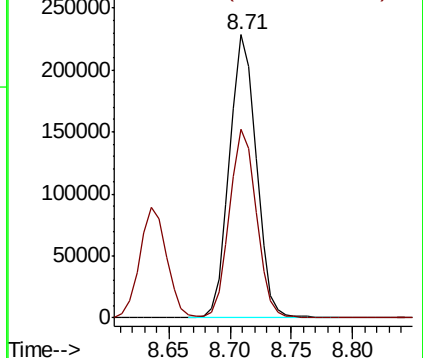
98 100

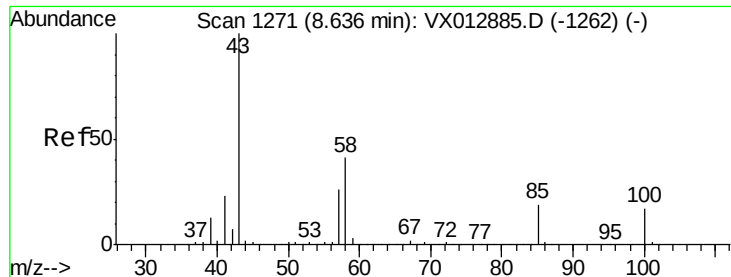
100 66.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

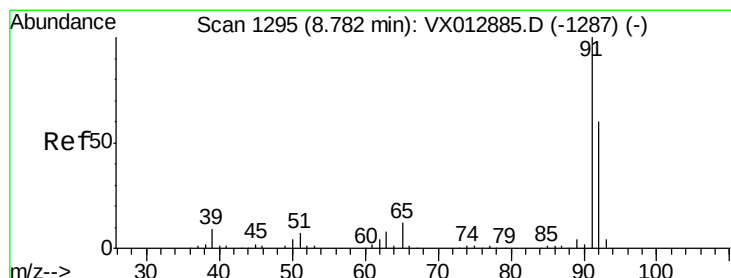
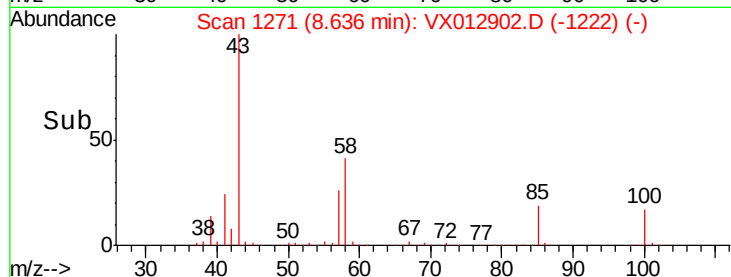
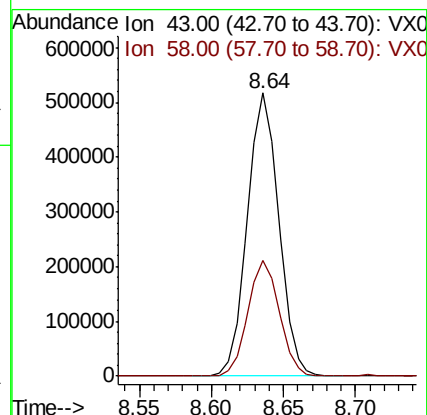
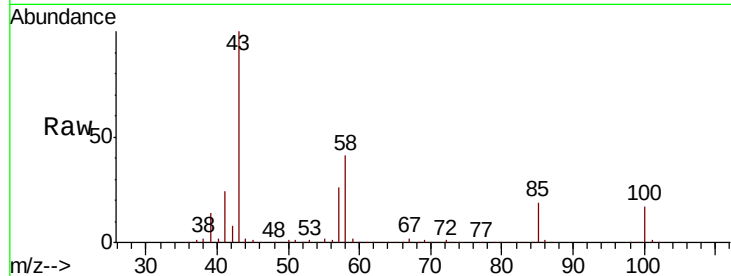




#51
4-Methyl-2-Pentanone
Concen: 251.508 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

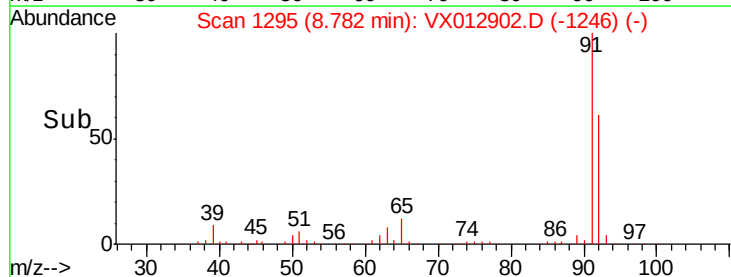
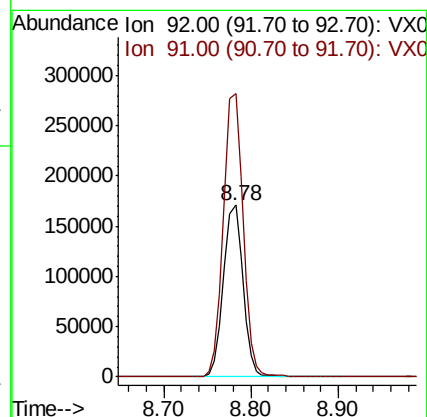
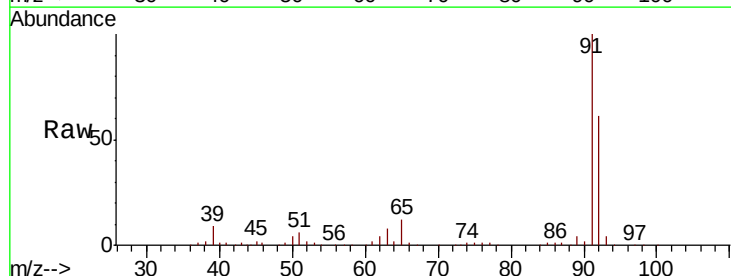
Instrument :
MSVOA_X
ClientSampleId :

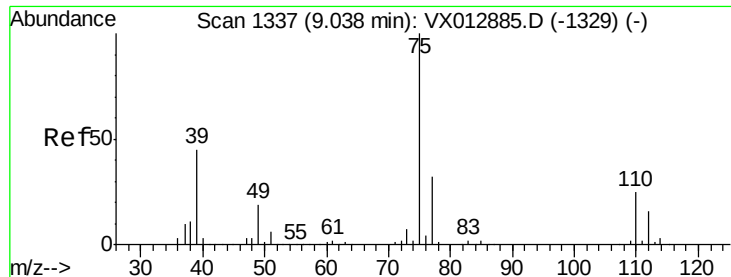
Tot Ion: 43 Resp: 782968
Ion Ratio Lower Upper
43 100
58 41.0 32.4 48.6



#52
Toluene
Concen: 50.486 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 92 Resp: 265396
Ion Ratio Lower Upper
92 100
91 167.0 135.9 203.9

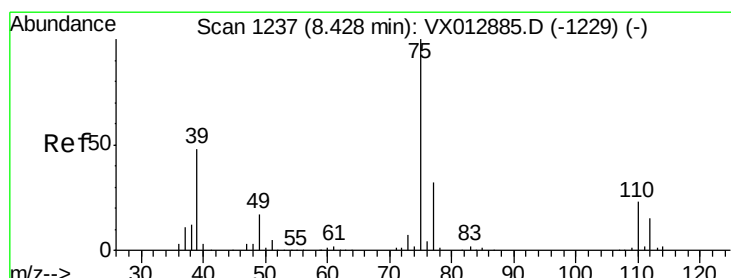
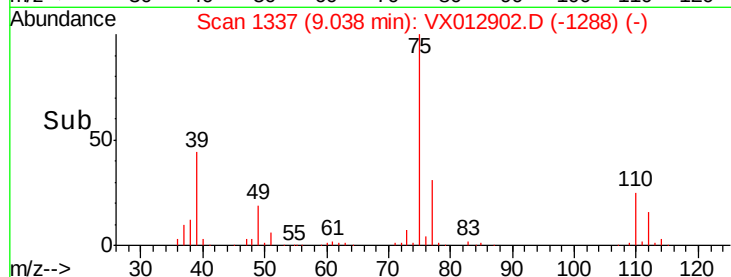
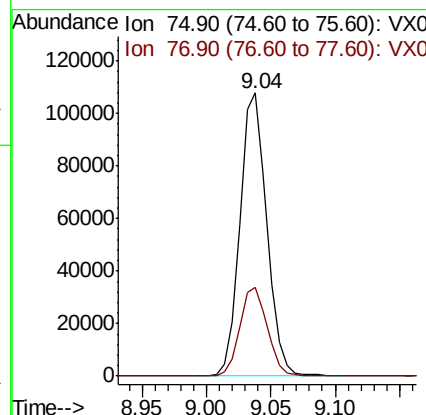
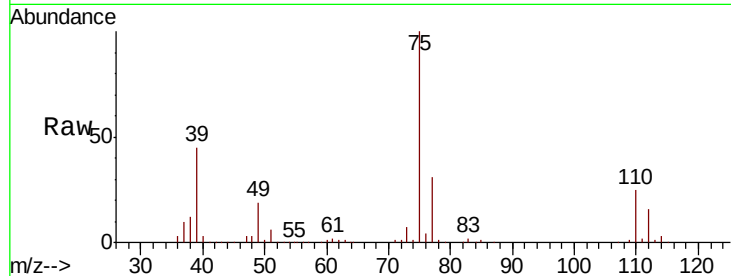




#53
t-1,3-Dichloropropene
Concen: 45.996 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

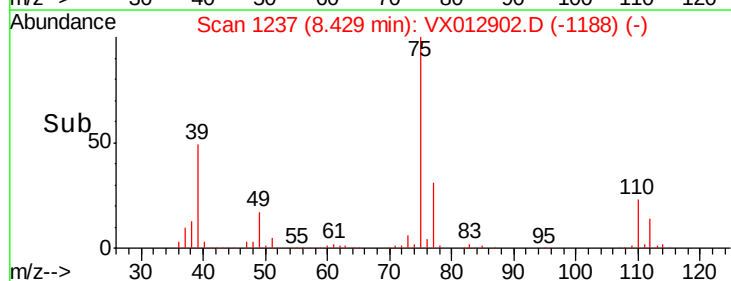
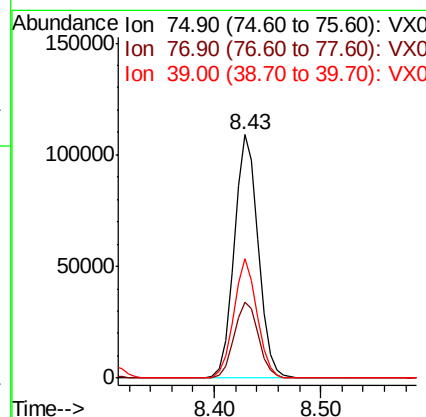
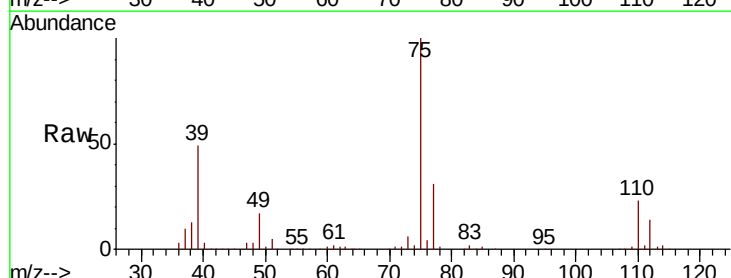
Instrument :
MSVOA_X
ClientSampleId :

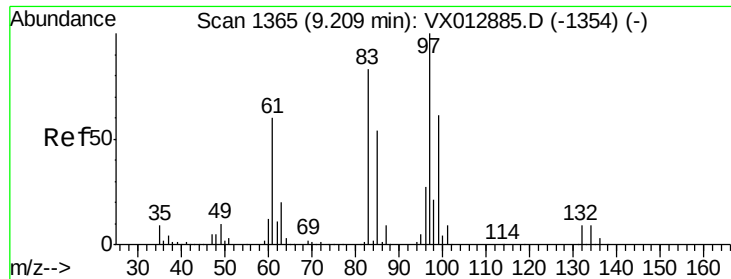
Tot Ion: 75 Resp: 155684
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 51.232 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 75 Resp: 171575
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8
39 48.9 38.2 57.2

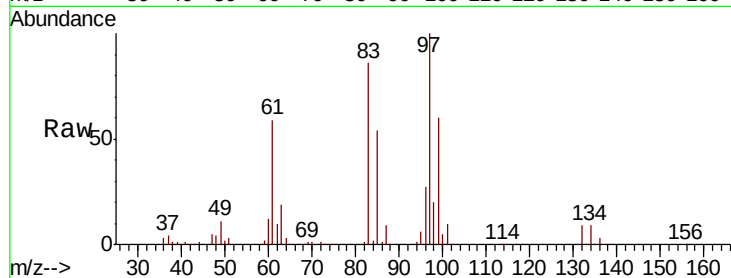




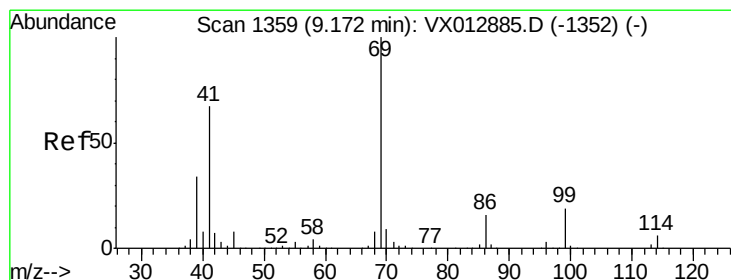
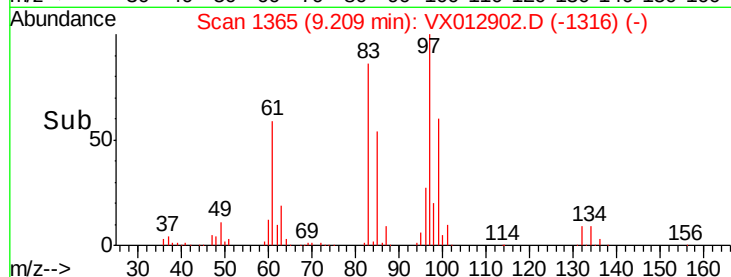
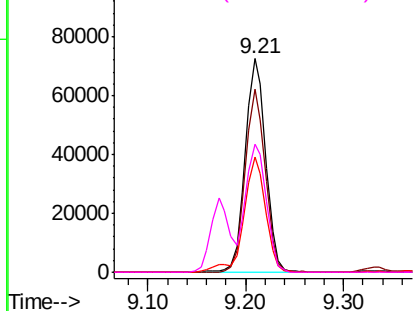
#55
 1,1,2-Trichloroethane
 Concen: 50.722 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	105519
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.5	99.7
85	53.9	43.1	64.7
99	59.9	49.2	73.8

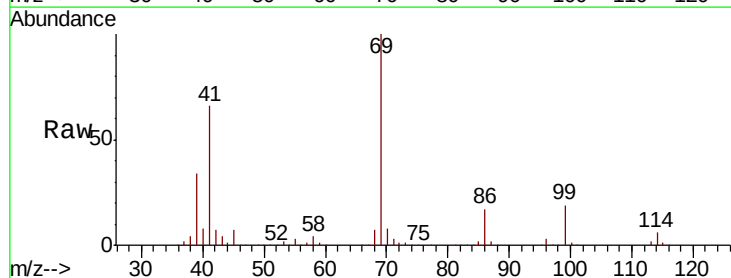


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

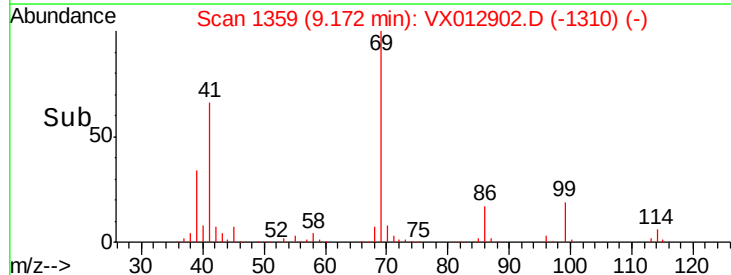
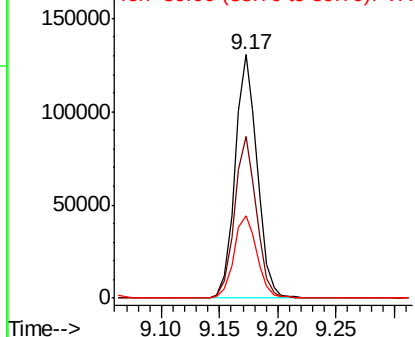


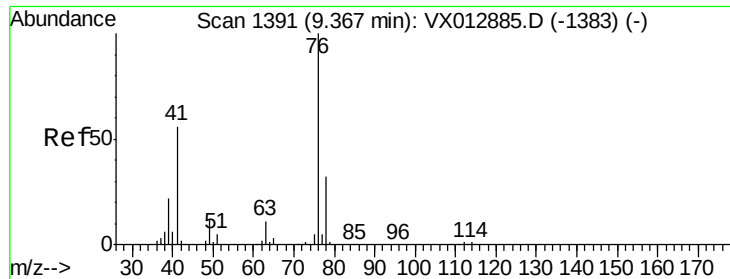
#56
 Ethyl methacrylate
 Concen: 46.636 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion:	69	Resp:	173254
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.1	78.1
39	35.0	27.8	41.8



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

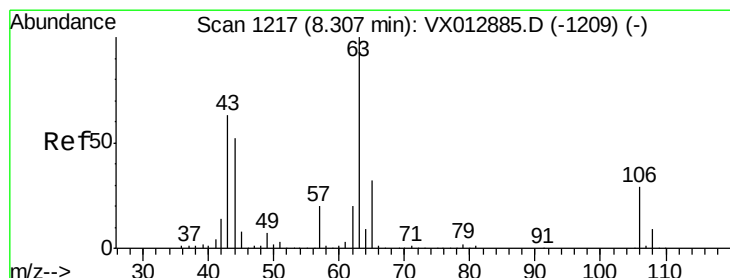
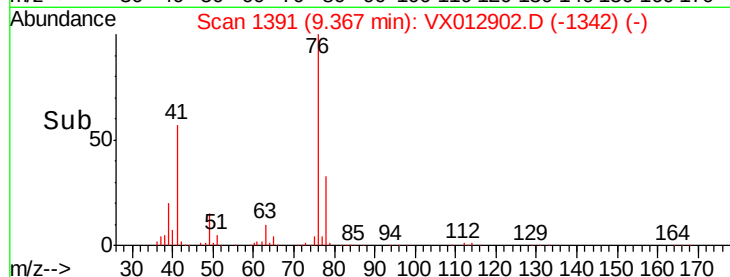
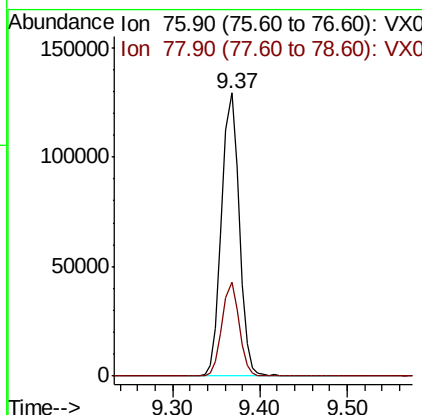
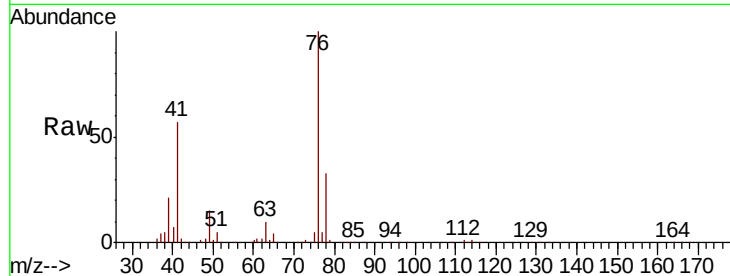




#57
 1,3-Dichloropropane
 Concen: 50.204 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

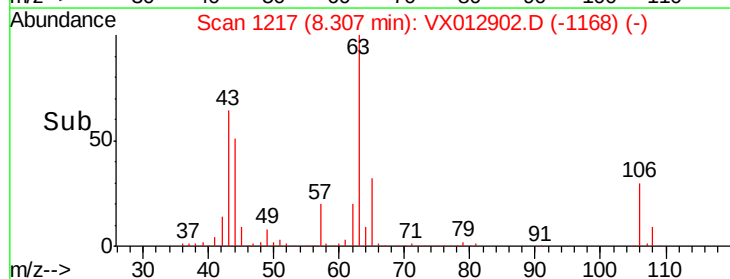
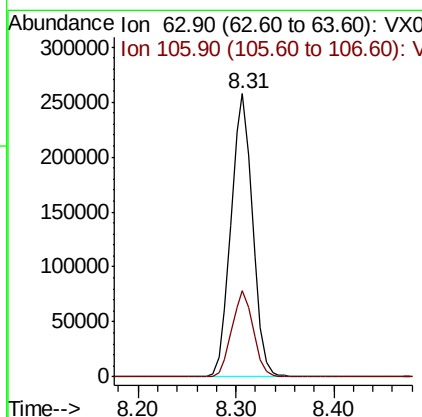
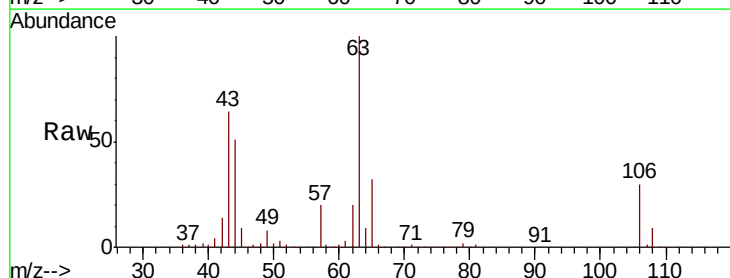
Instrument :
 MSVOA_X
 ClientSampleId :

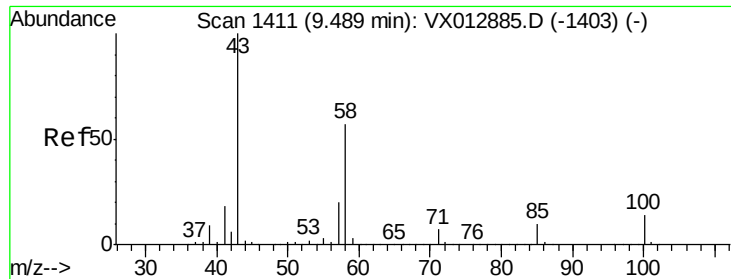
Tot Ion: 76 Resp: 180667
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.071 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion: 63 Resp: 395932
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.8

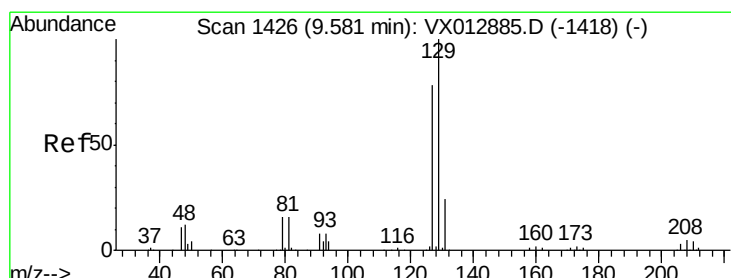
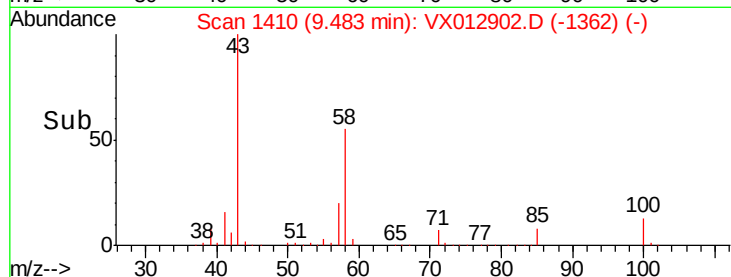
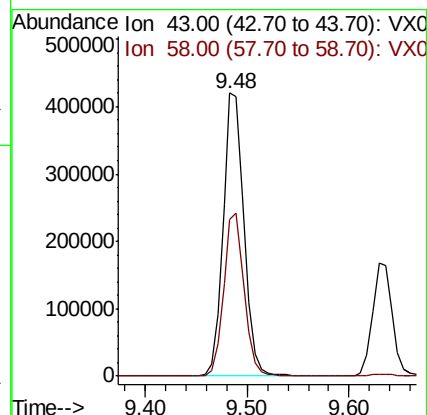
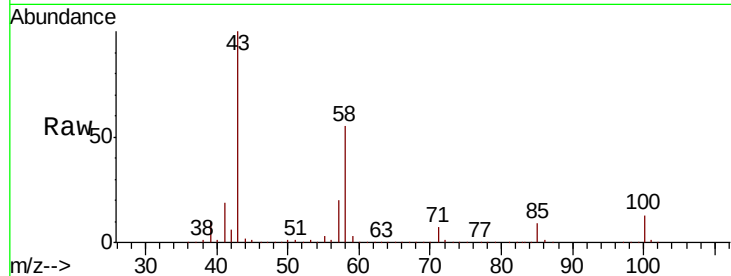




#59
2-Hexanone
Concen: 247.993 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

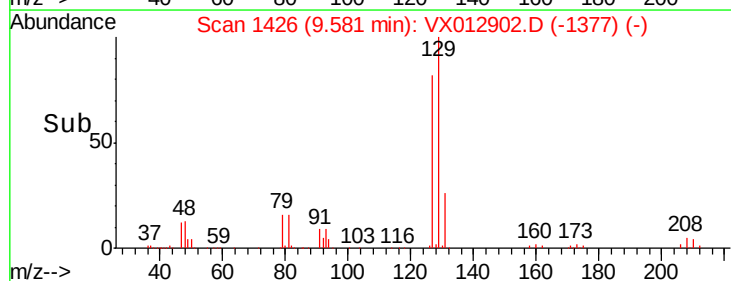
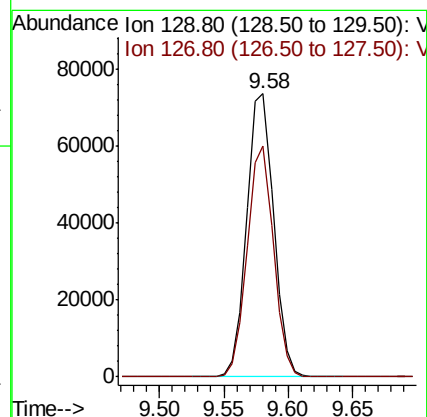
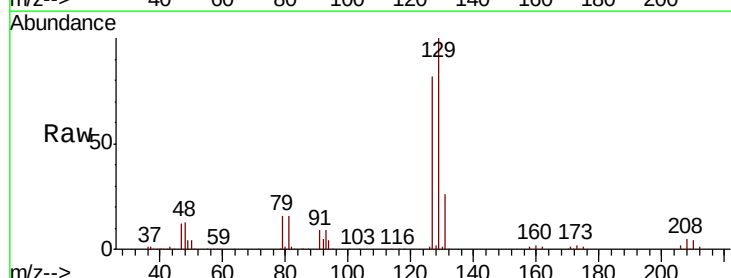
Instrument :
MSVOA_X
ClientSampleId :

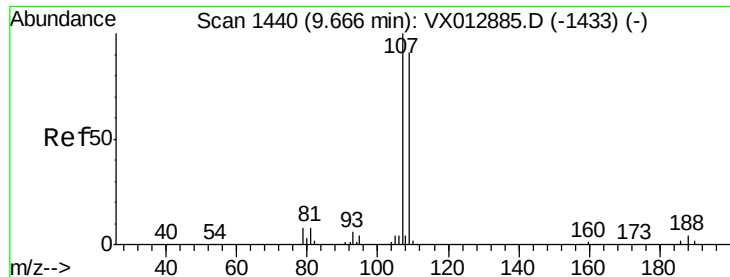
Tot Ion: 43 Resp: 600972
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.3



#60
Dibromochloromethane
Concen: 45.995 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 129 Resp: 106125
Ion Ratio Lower Upper
129 100
127 79.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.608 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

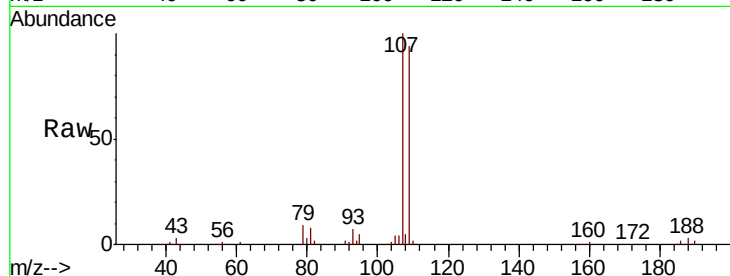
ClientSampleId :

Tot Ion:107 Resp: 110753

Ion Ratio Lower Upper

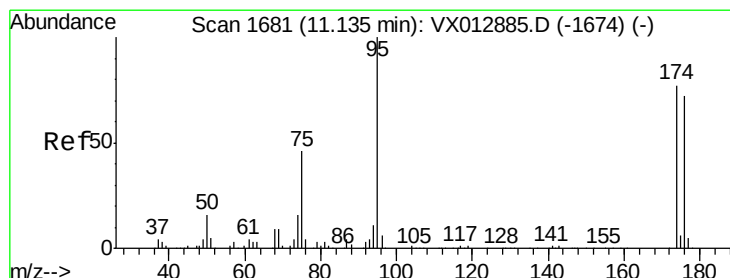
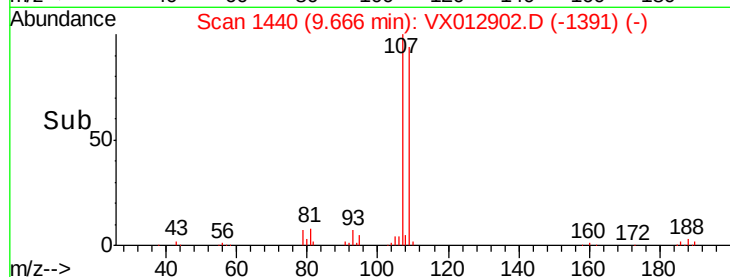
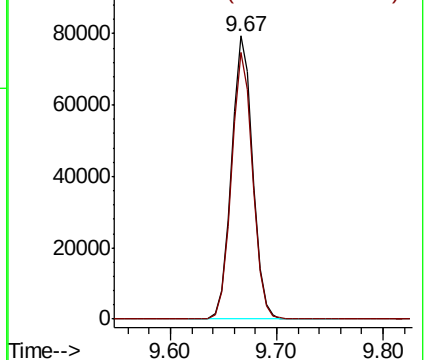
107 100

109 93.9 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: 47.207 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

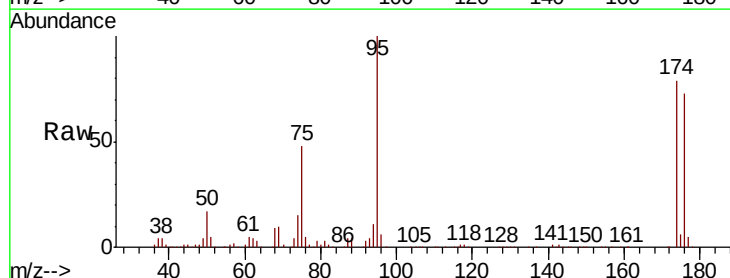
Tgt Ion: 95 Resp: 129928

Ion Ratio Lower Upper

95 100

174 74.6 0.0 143.4

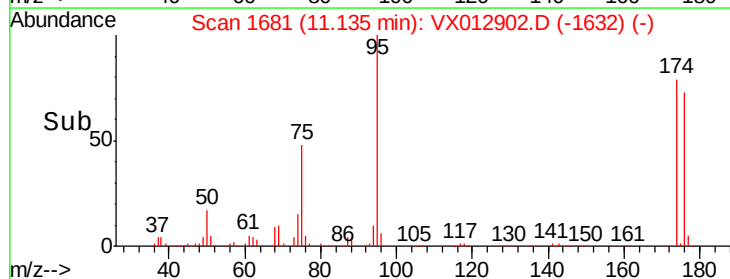
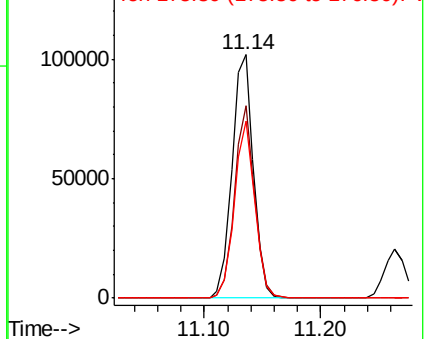
176 69.6 0.0 136.0

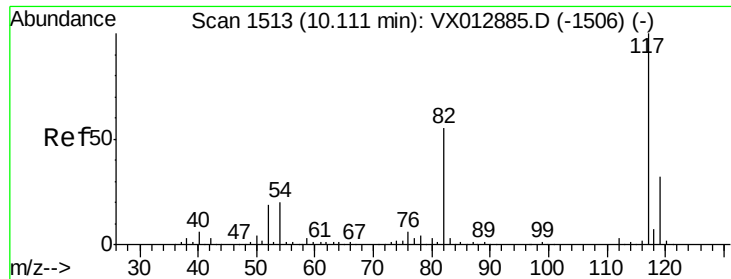


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

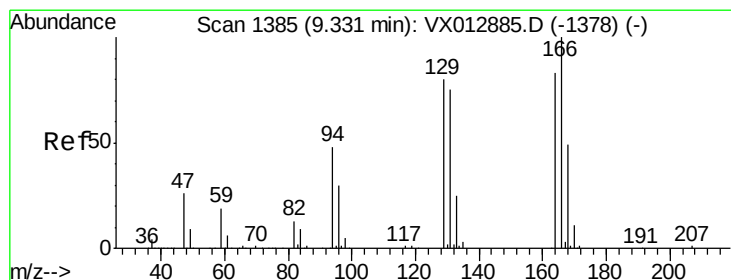
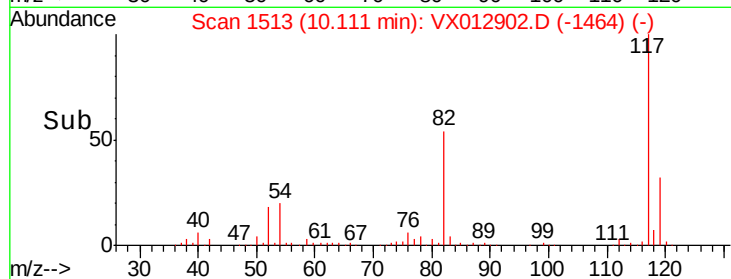
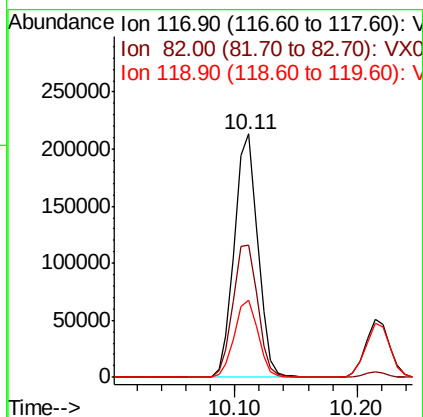
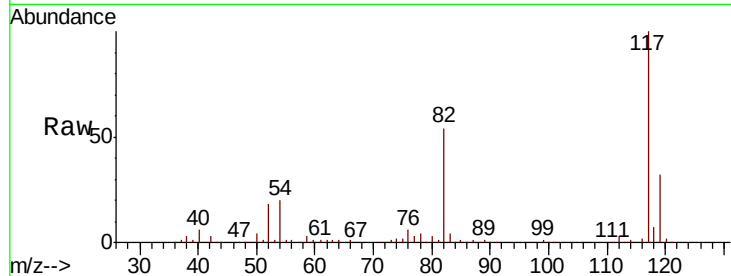




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

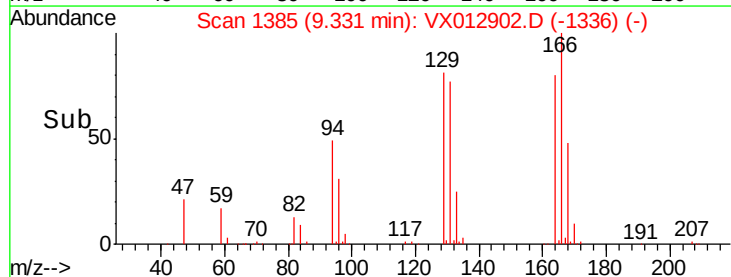
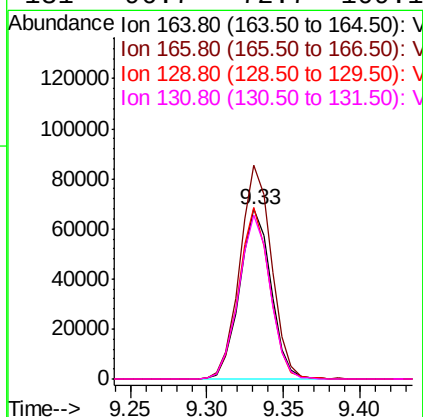
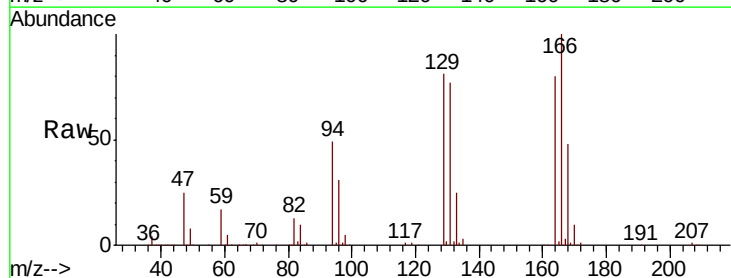
Instrument :
MSVOA_X
ClientSampleId :

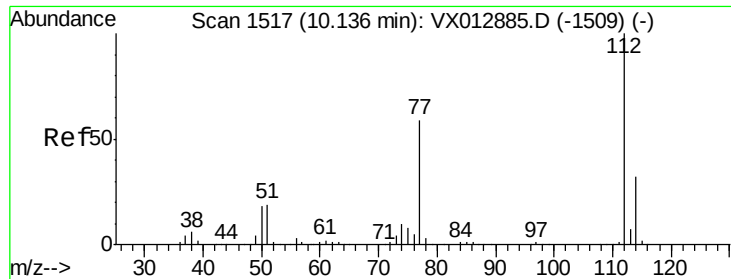
Tot Ion:117 Resp: 282669
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 49.139 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion:164 Resp: 96342
Ion Ratio Lower Upper
164 100
166 125.6 96.9 145.3
129 101.2 77.9 116.9
131 96.7 72.7 109.1

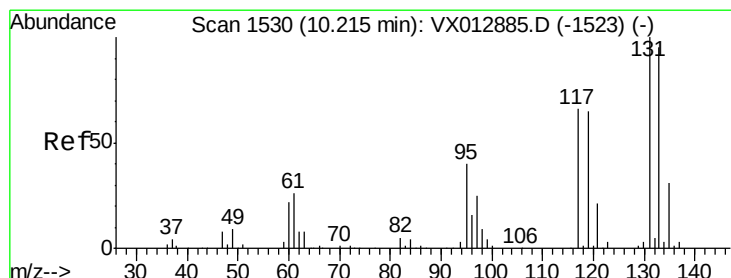
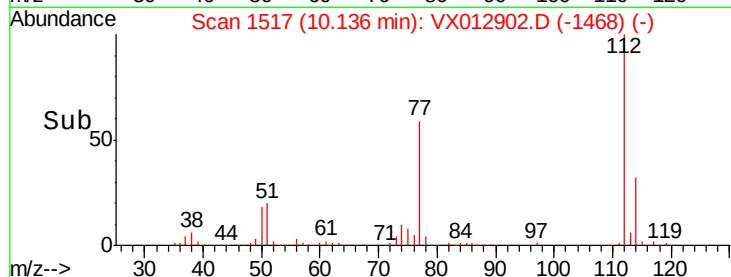
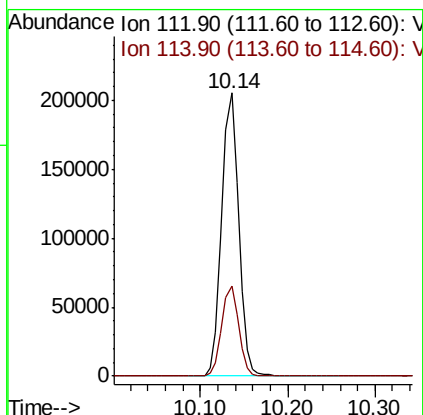
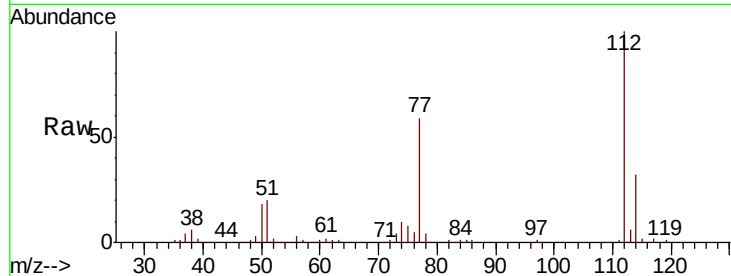




#65
Chlorobenzene
Concen: 49.135 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

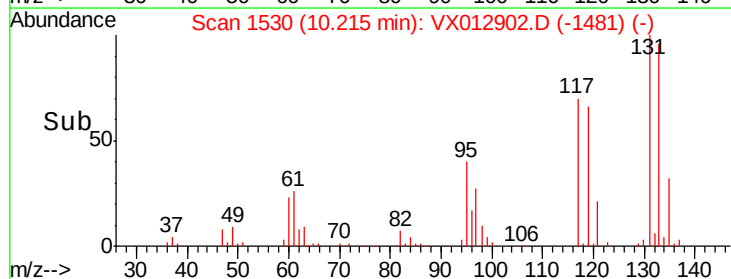
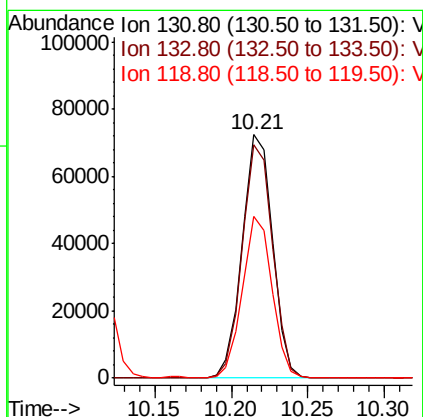
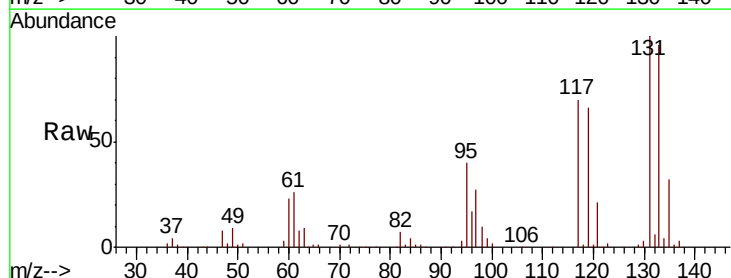
Instrument :
MSVOA_X
ClientSampled :

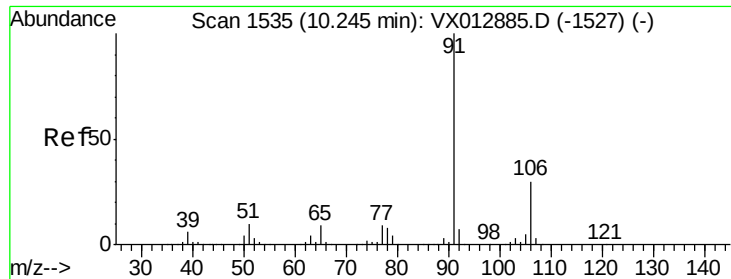
Tot Ion:112 Resp: 275812
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.495 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion:131 Resp: 100224
Ion Ratio Lower Upper
131 100
133 96.1 47.2 141.6
119 64.9 32.6 98.0

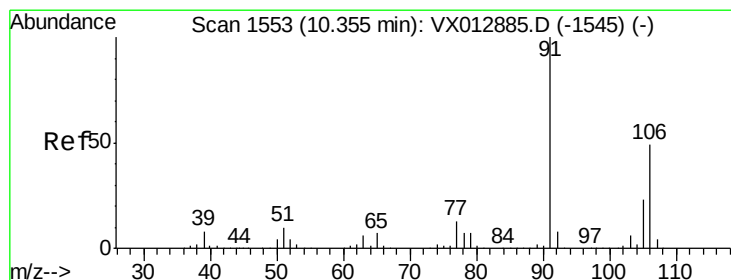
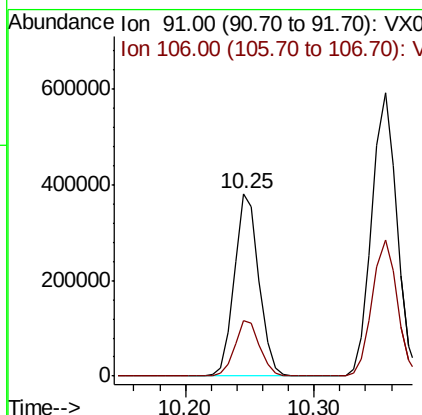
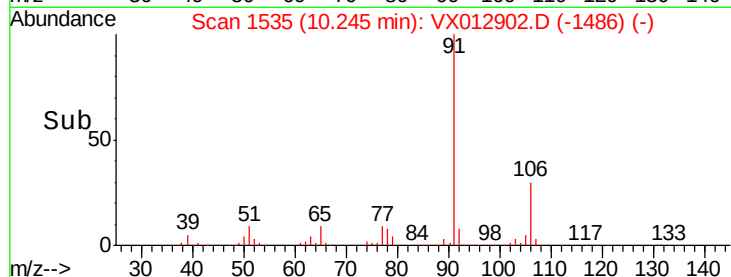
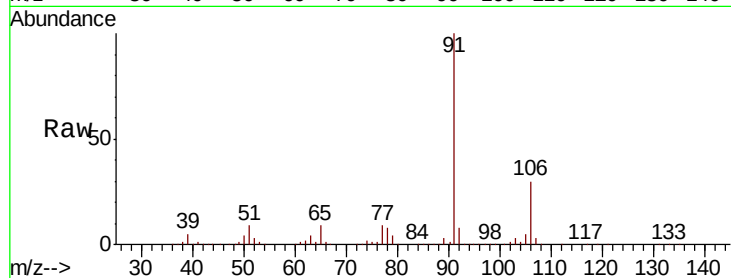




#67
Ethyl Benzene
Concen: 50.856 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

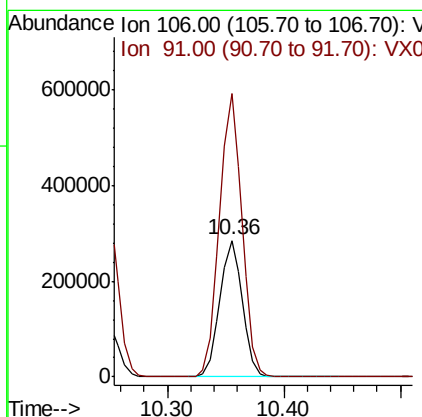
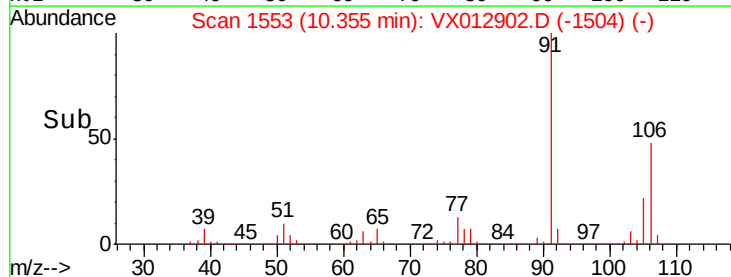
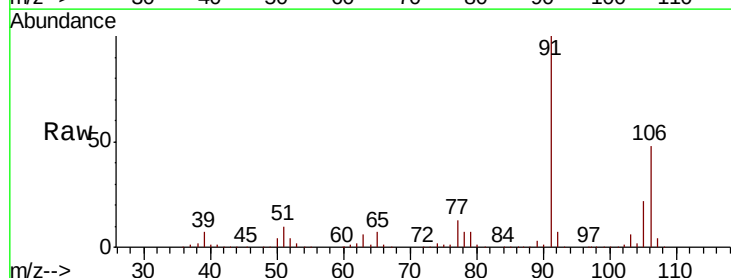
Instrument :
MSVOA_X
ClientSampleId :

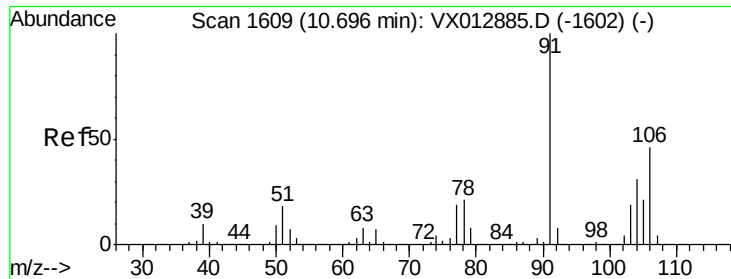
Tot Ion: 91 Resp: 507079
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9



#68
m/p-Xylenes
Concen: 102.401 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 106 Resp: 381439
Ion Ratio Lower Upper
106 100
91 207.2 165.3 247.9

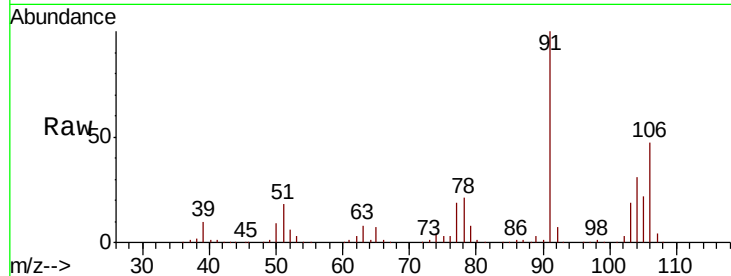




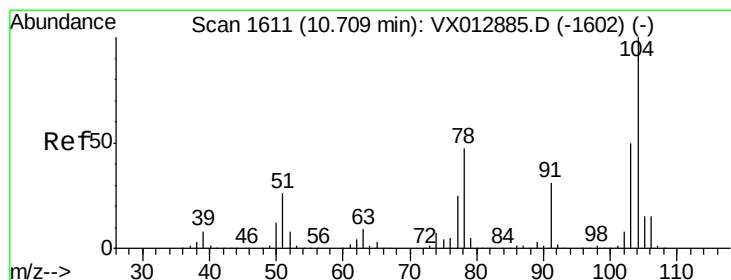
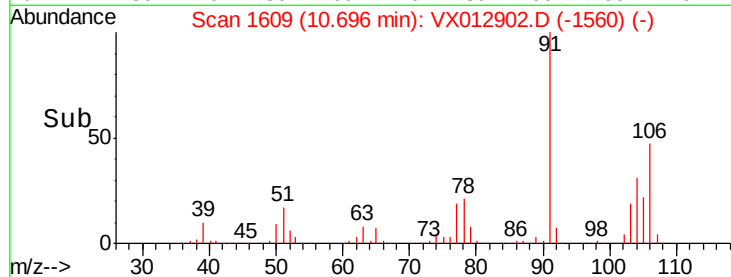
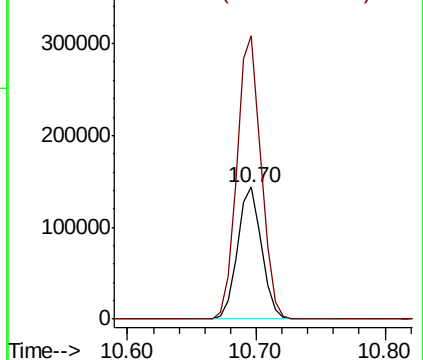
#69
o-Xylene
Concen: 51.063 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 185486
Ion Ratio Lower Upper
106 100
91 216.8 109.1 327.3

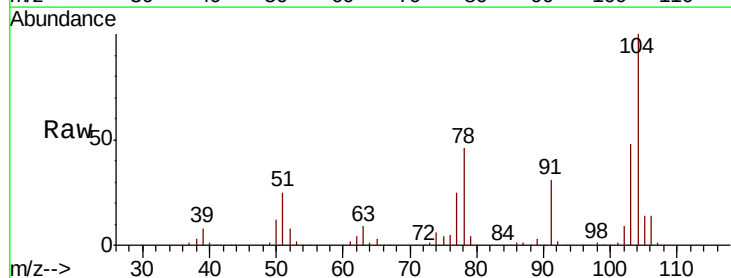


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

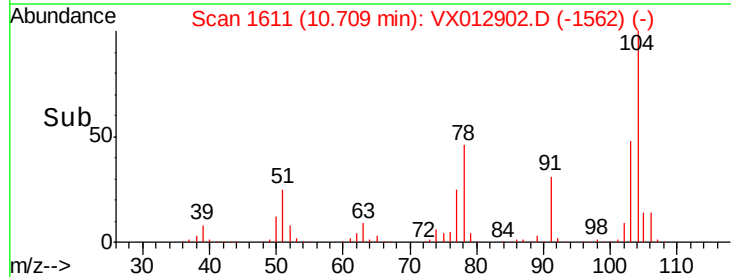
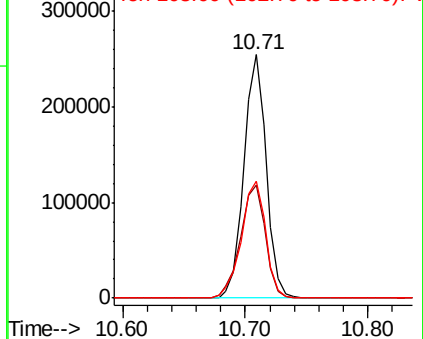


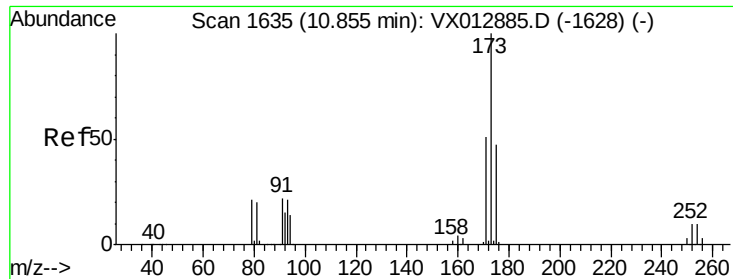
#70
Styrene
Concen: 51.948 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion:104 Resp: 320797
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 52.8 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: 45.851 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampled :

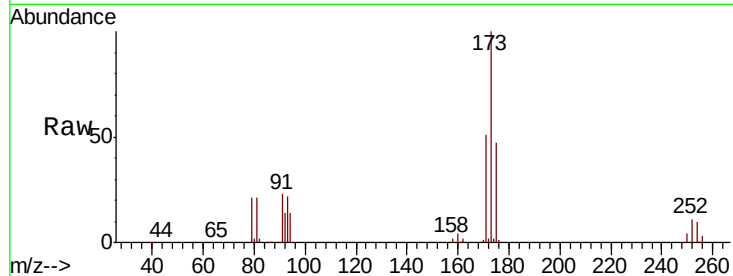
Tot Ion:173 Resp: 75563

Ion Ratio Lower Upper

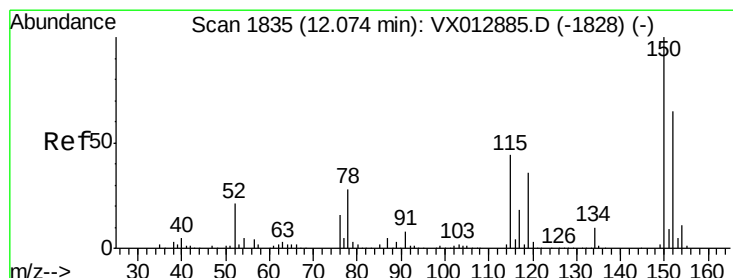
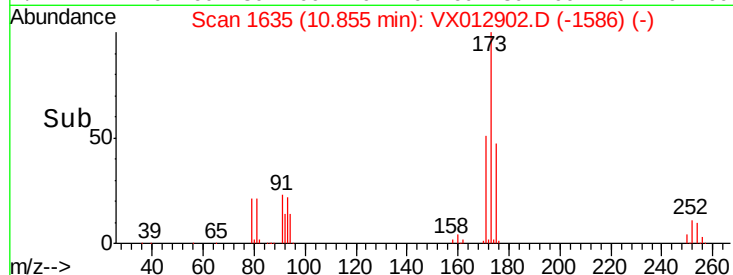
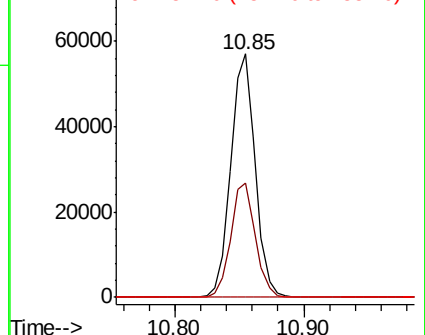
173 100

175 47.3 24.1 72.3

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

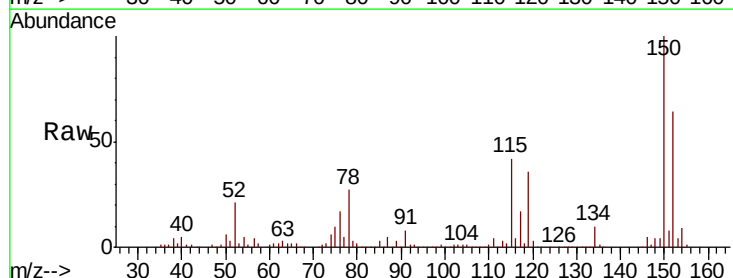
Tgt Ion:152 Resp: 133903

Ion Ratio Lower Upper

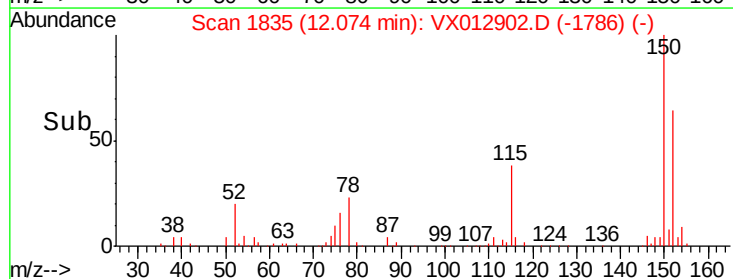
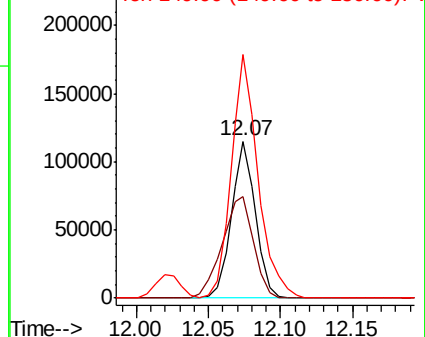
152 100

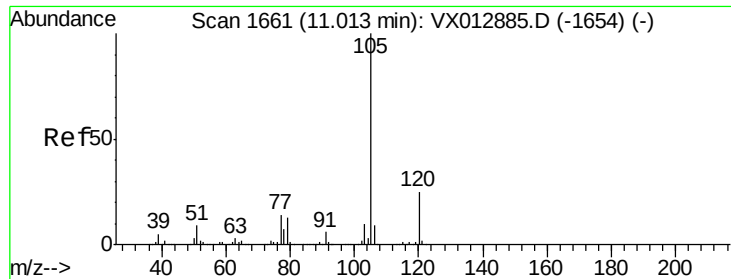
115 84.7 44.5 133.5

150 173.1 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: 50.280 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

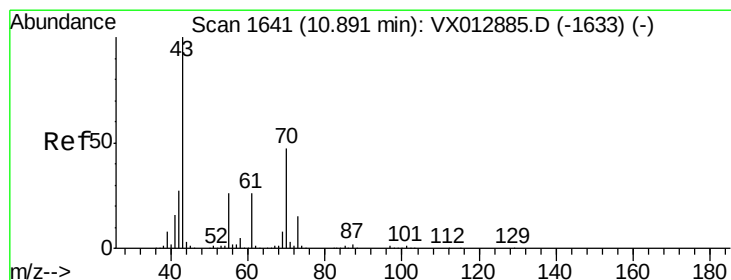
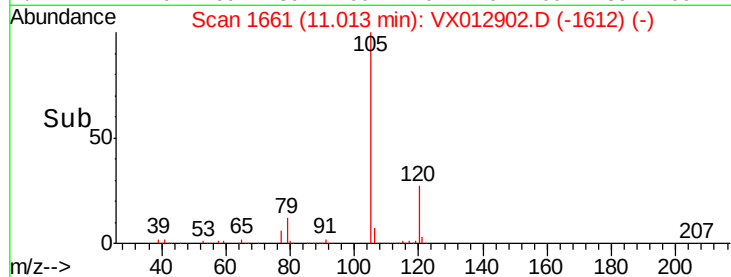
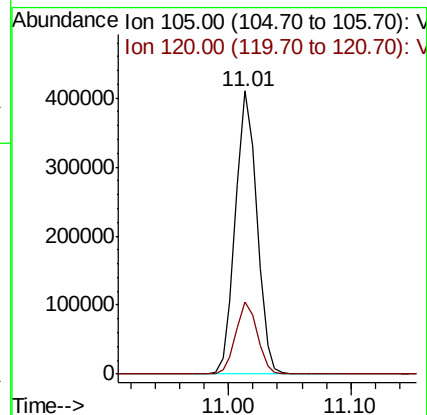
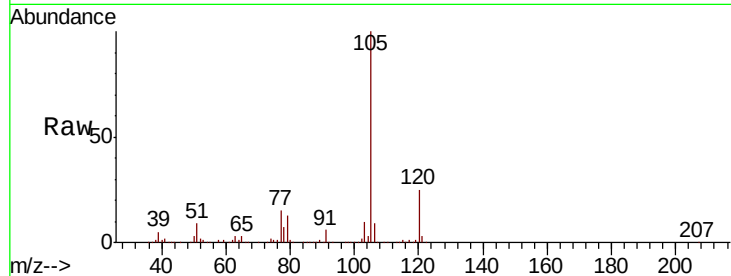
ClientSampleId :

Tot Ion:105 Resp: 494995

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 52.130 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Tgt Ion: 43 Resp: 221027

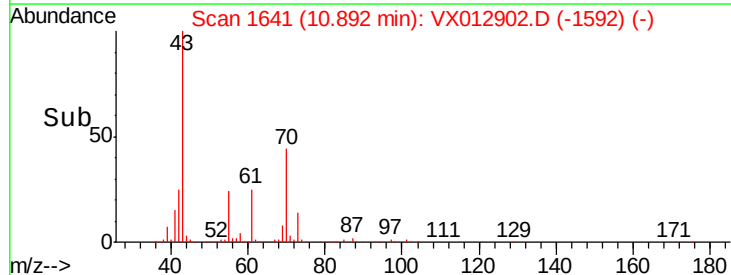
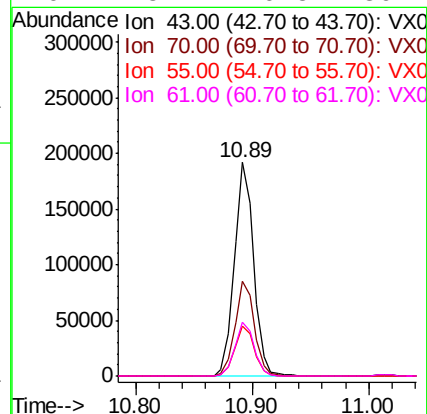
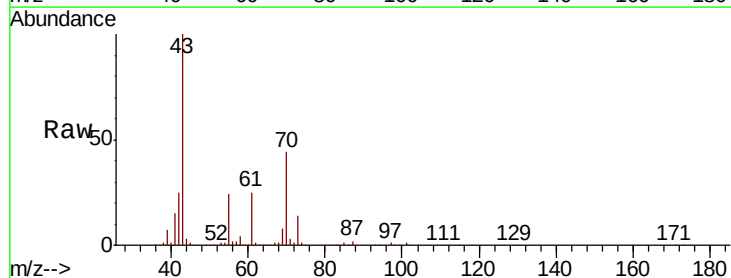
Ion Ratio Lower Upper

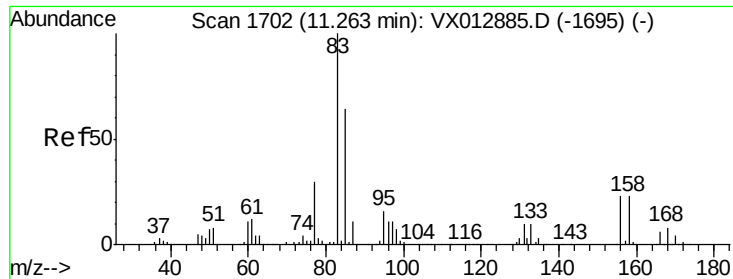
43 100

70 44.9 36.4 54.6

55 24.3 20.2 30.2

61 25.2 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.781 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampleId :

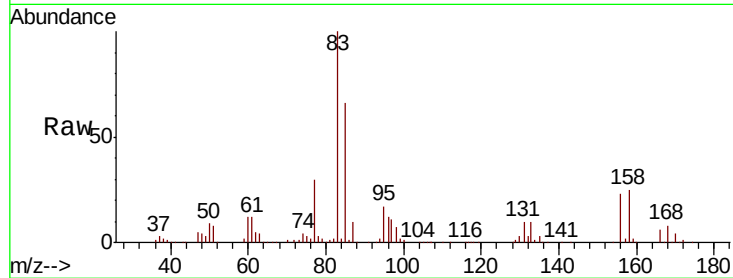
Tot Ion: 83 Resp: 163002

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

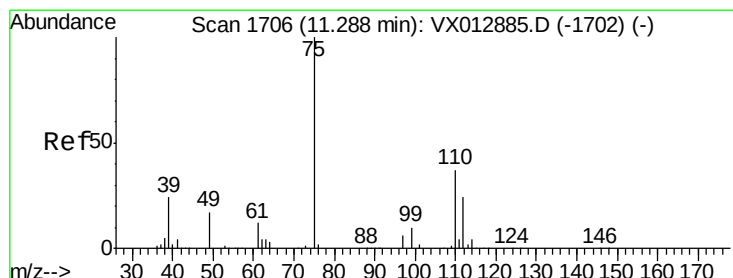
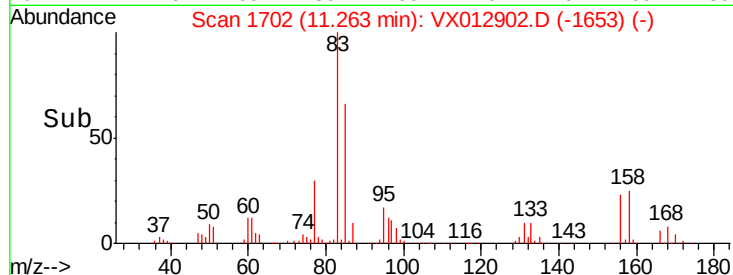
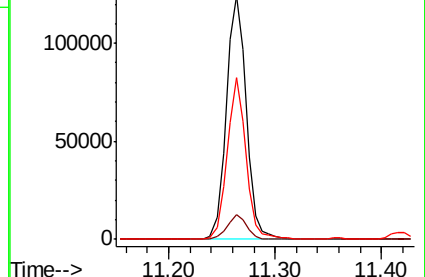
85 62.4 32.1 96.5



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: 62.073 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012902.D

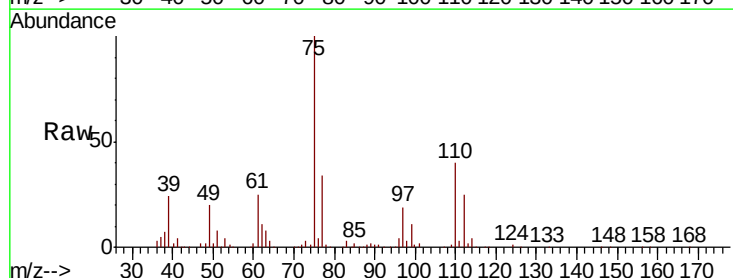
Acq: 08 Oct 2019 20:10

Tgt Ion: 75 Resp: 184354

Ion Ratio Lower Upper

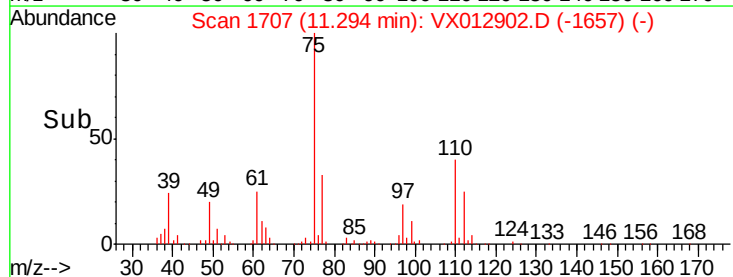
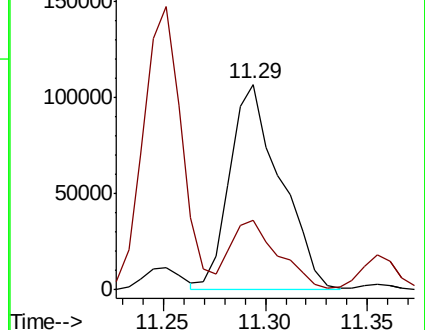
75 100

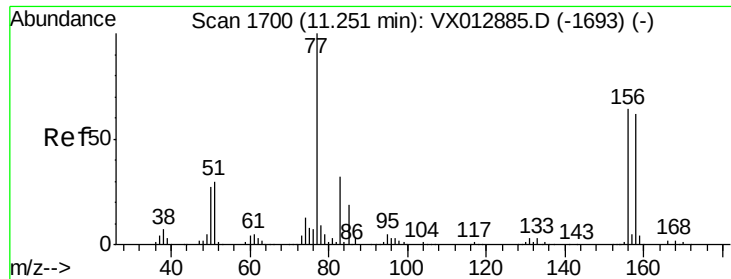
77 31.6 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.471 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampleId :

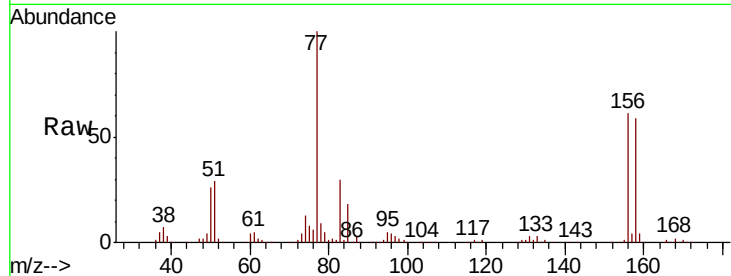
Tot Ion:156 Resp: 112447

Ion Ratio Lower Upper

156 100

77 171.0 83.7 251.0

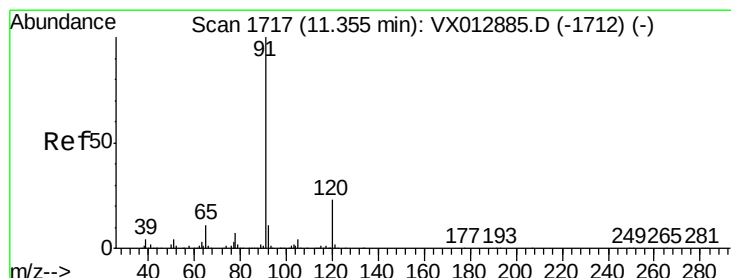
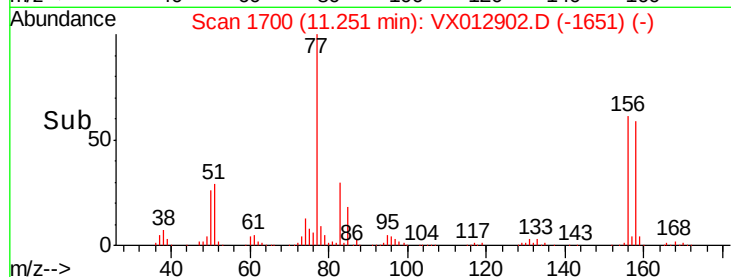
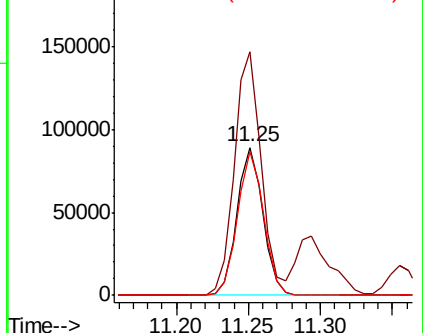
158 97.4 48.6 145.9



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: 51.149 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012902.D

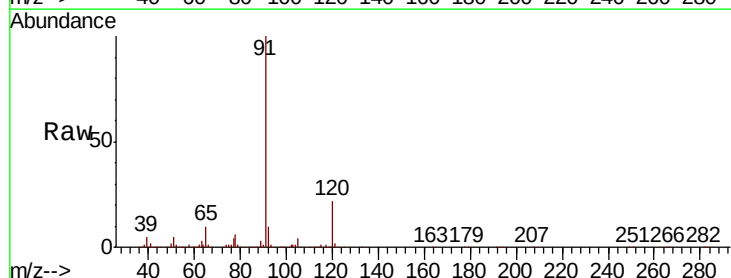
Acq: 08 Oct 2019 20:10

Tgt Ion: 91 Resp: 554091

Ion Ratio Lower Upper

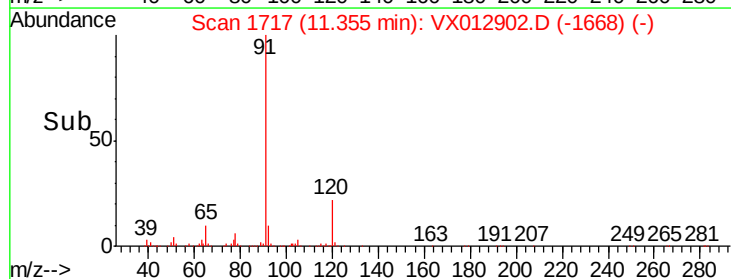
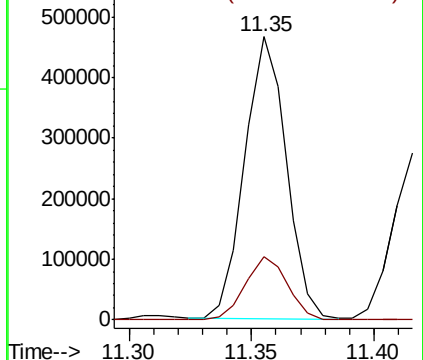
91 100

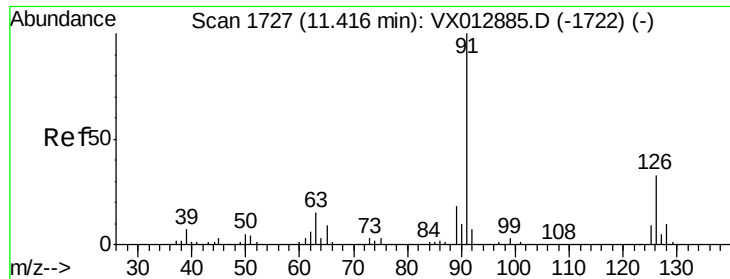
120 22.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

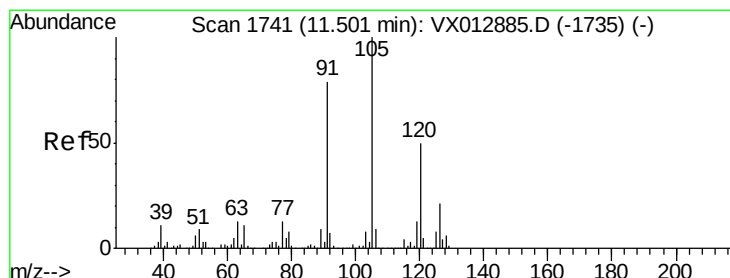
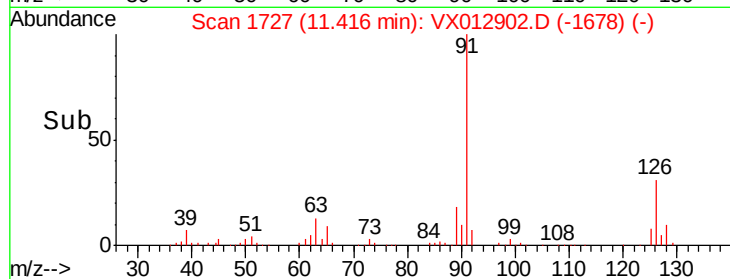
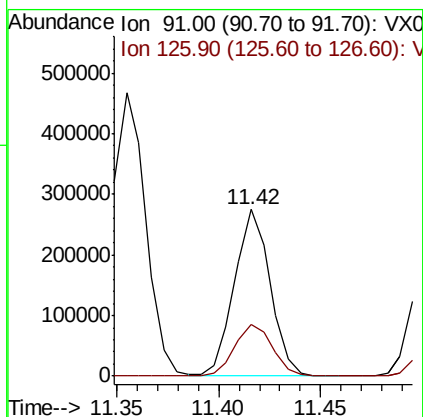
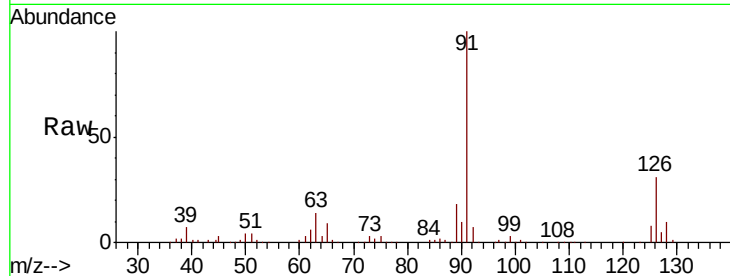




#79
 2-Chlorotoluene
 Concen: 48.807 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

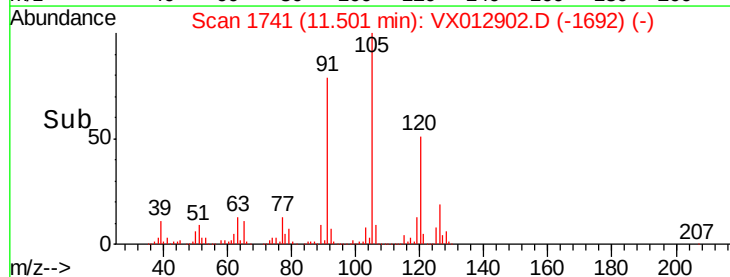
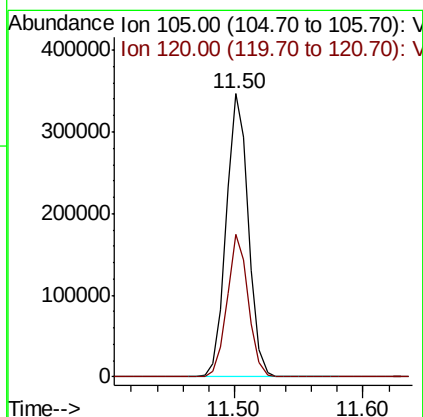
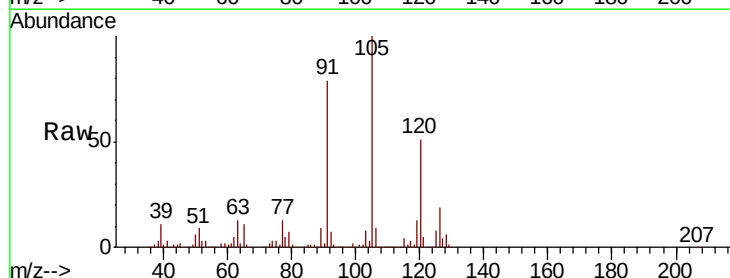
Instrument :
 MSVOA_X
 ClientSampled :

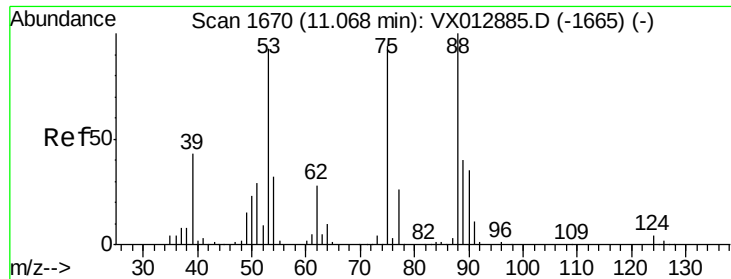
Tot Ion: 91 Resp: 332288
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.835 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion: 105 Resp: 417885
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.180 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

ClientSampleId :

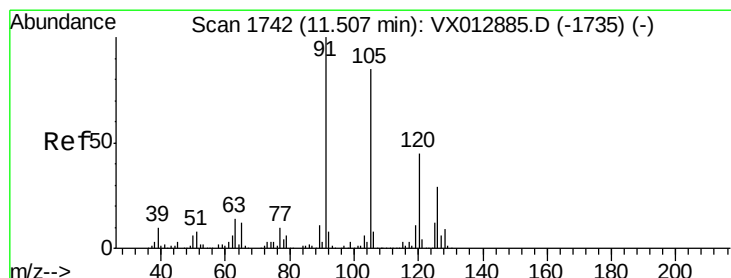
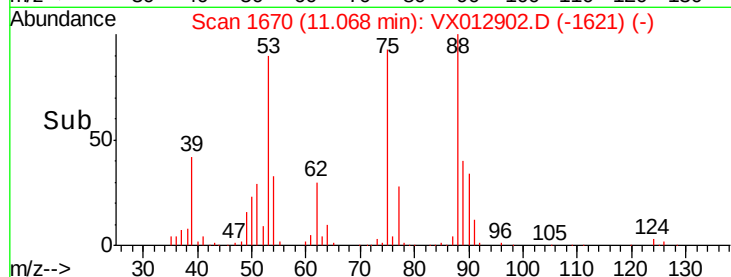
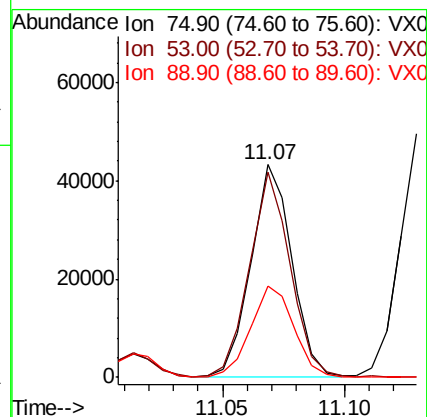
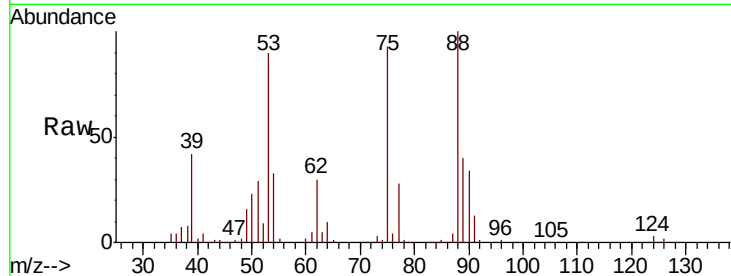
Tot Ion: 75 Resp: 50428

Ion Ratio Lower Upper

75 100

53 96.5 78.5 117.7

89 45.4 37.4 56.2



#82

4-Chlorotoluene

Concen: 50.343 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012902.D

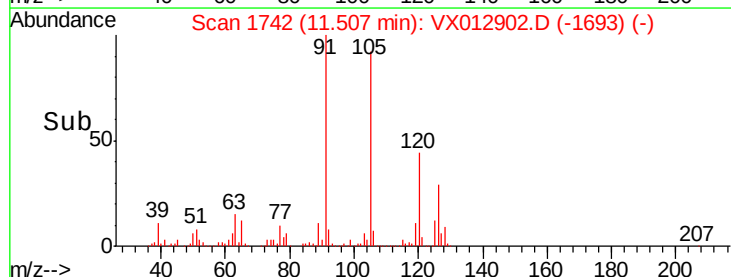
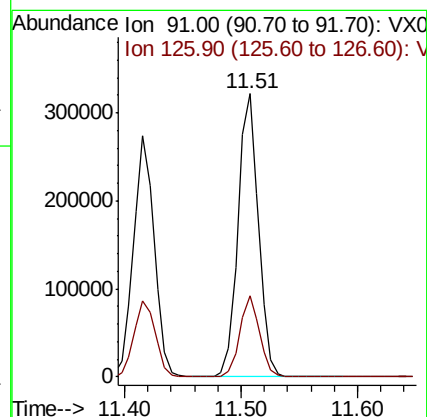
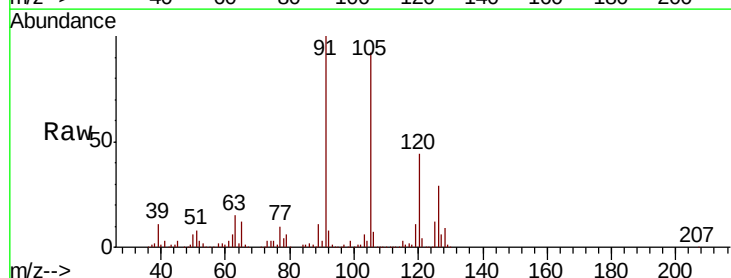
Acq: 08 Oct 2019 20:10

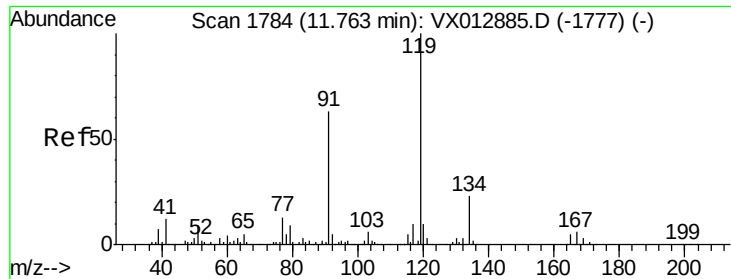
Tgt Ion: 91 Resp: 392848

Ion Ratio Lower Upper

91 100

126 27.7 14.2 42.6

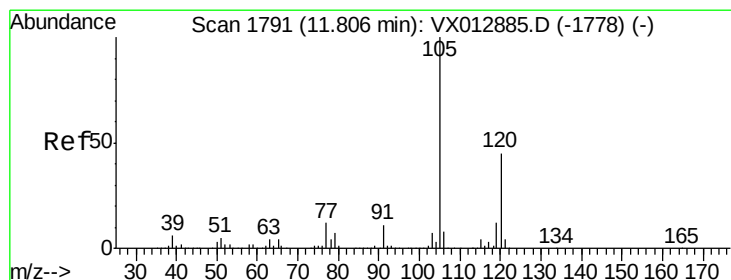
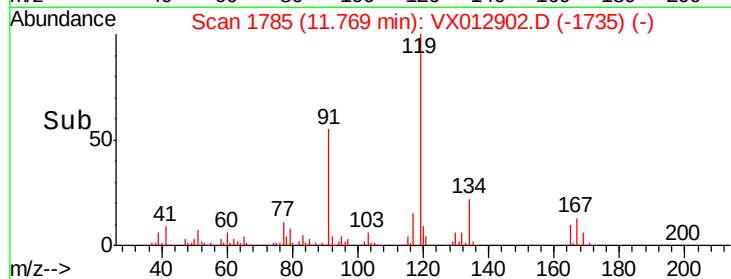
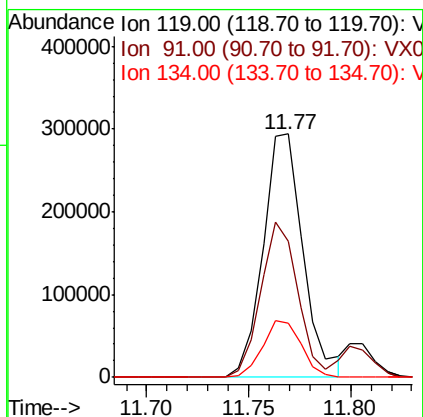
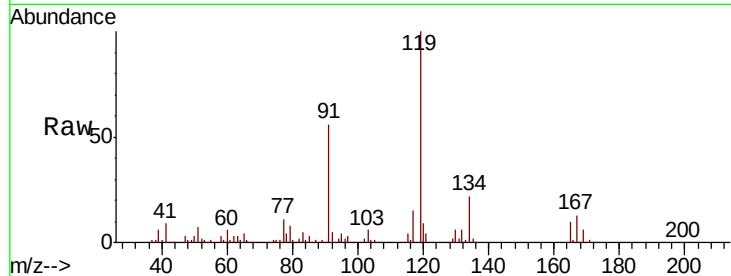




#83
 tert-Butylbenzene
 Concen: 50.208 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

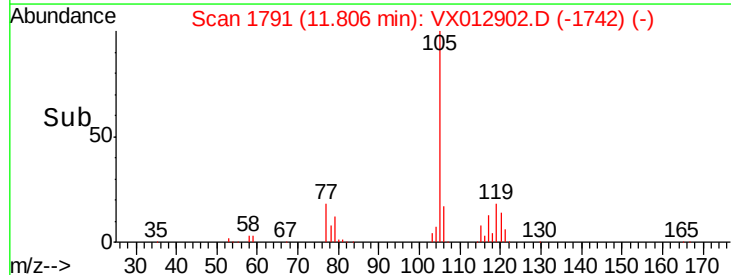
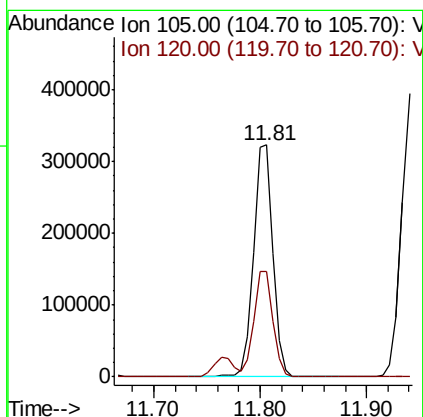
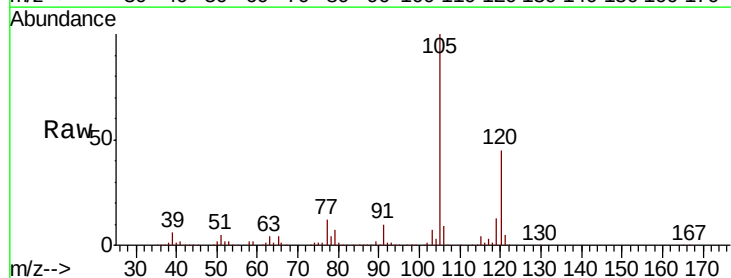
Instrument :
 MSVOA_X
 ClientSampleId :

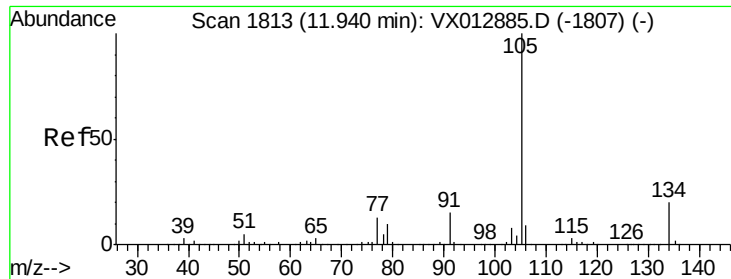
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	29.3	87.9
134	22.5	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.420 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.8	65.3





#85

sec-Butylbenzene

Concen: 50.850 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

Instrument :

MSVOA_X

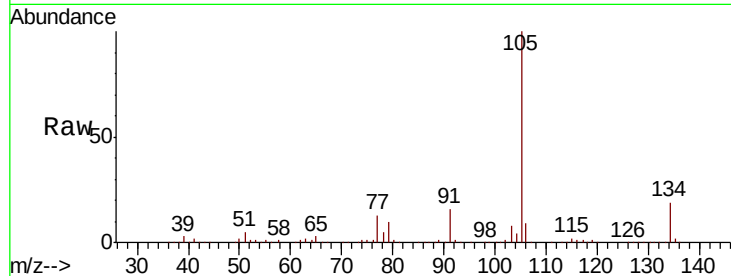
ClientSampleId :

Tot Ion:105 Resp: 472413

Ion Ratio Lower Upper

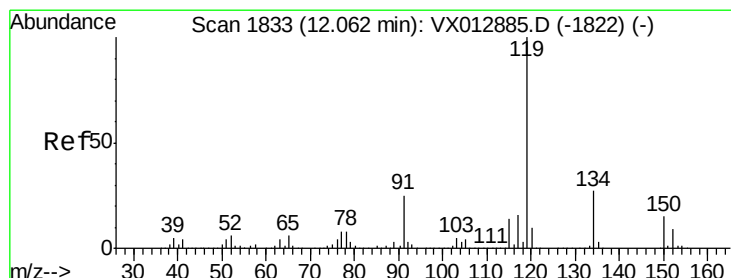
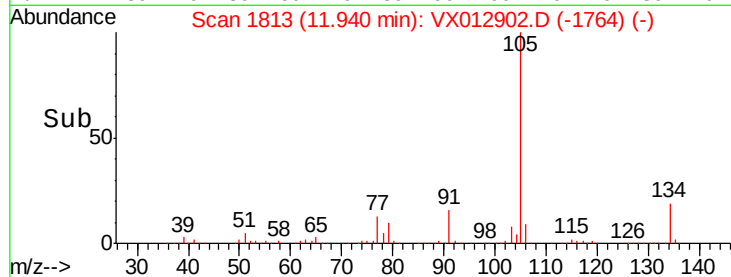
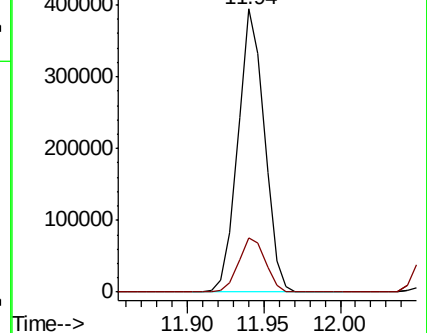
105 100

134 19.4 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.857 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012902.D

Acq: 08 Oct 2019 20:10

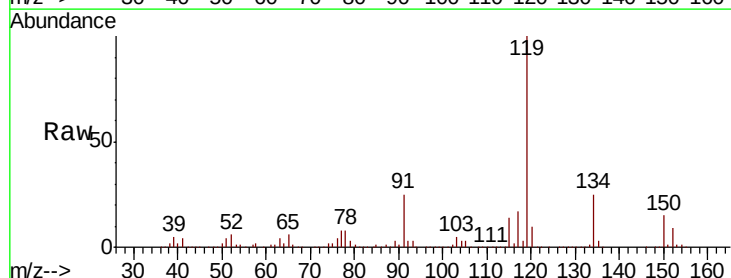
Tgt Ion:119 Resp: 429576

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

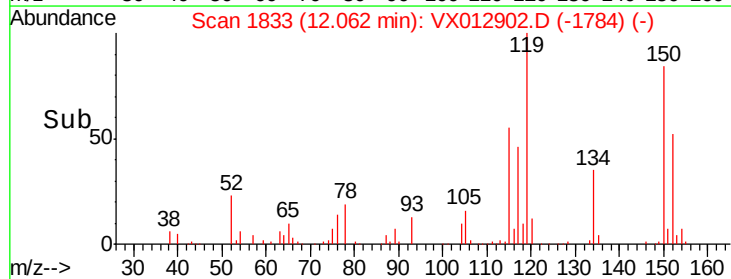
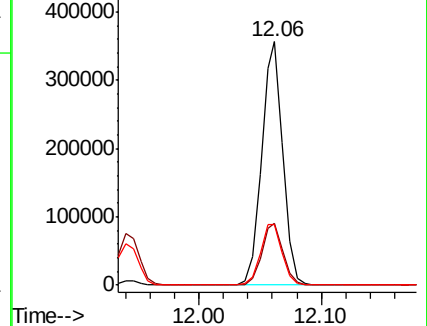
91 25.7 12.4 37.4

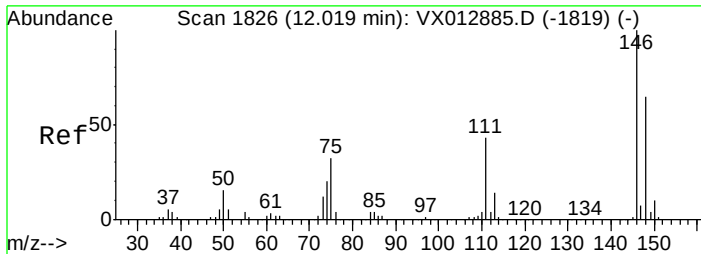


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

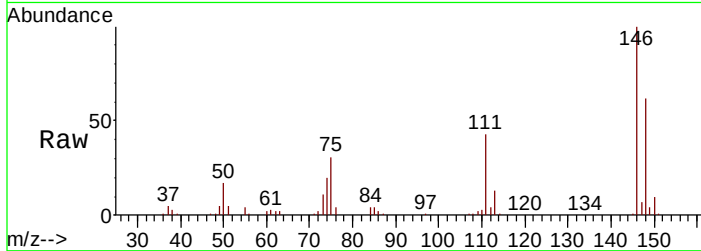




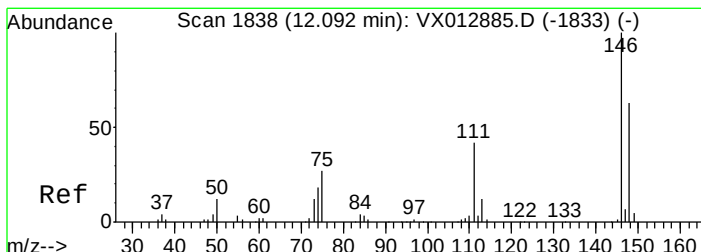
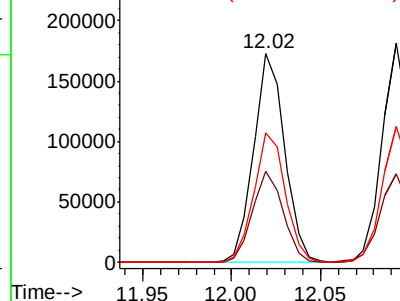
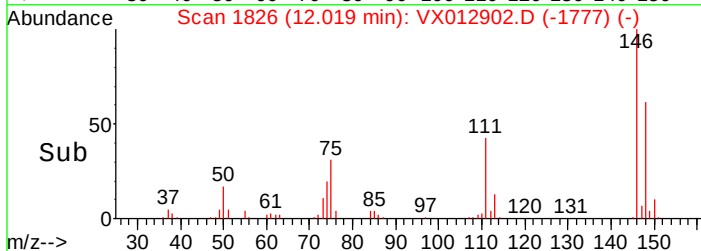
#87
 1,3-Dichlorobenzene
 Concen: 48.664 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 209647
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.4
 148 62.7 31.6 95.0

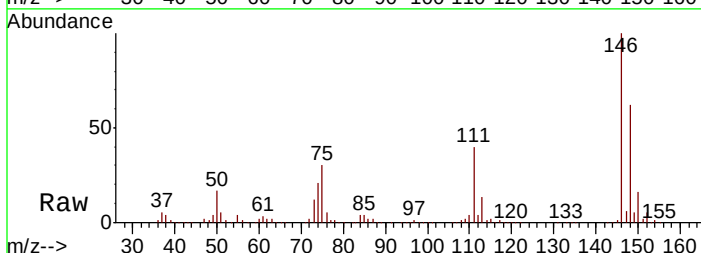


Abundance Ion 145.90 (145.60 to 146.60):
 Ion 110.90 (110.60 to 111.60):
 Ion 147.90 (147.60 to 148.60):

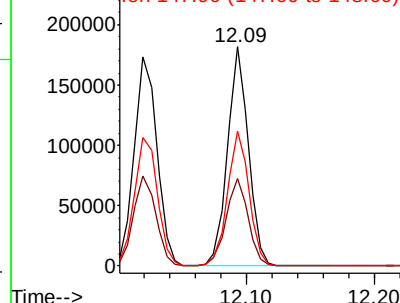
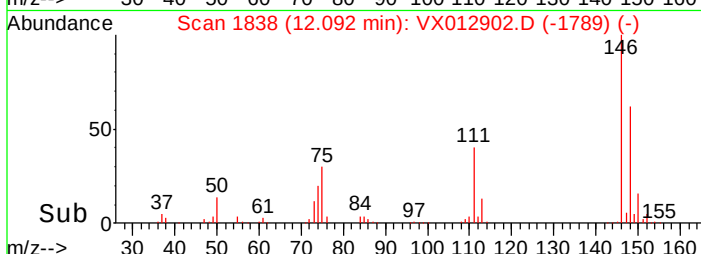


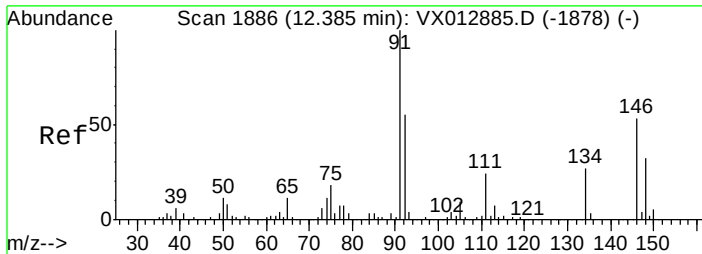
#88
 1,4-Dichlorobenzene
 Concen: 47.633 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion:146 Resp: 207825
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 63.4
 148 63.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60):
 Ion 110.90 (110.60 to 111.60):
 Ion 147.90 (147.60 to 148.60):

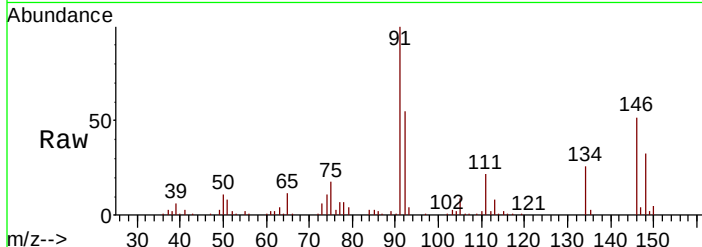




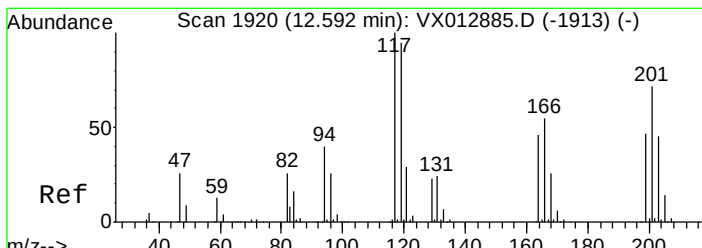
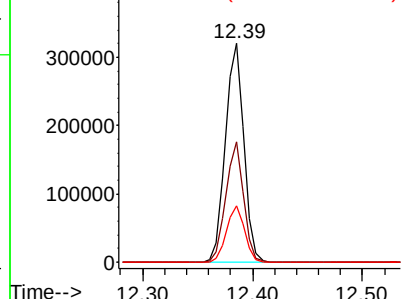
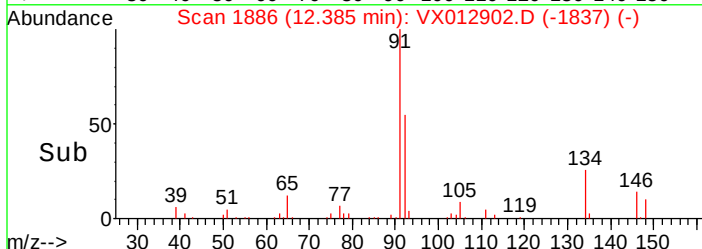
#89
n-Butylbenzene
Concen: 51.786 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 375009
Ion Ratio Lower Upper
91 100
92 52.8 27.5 82.5
134 25.4 12.9 38.7

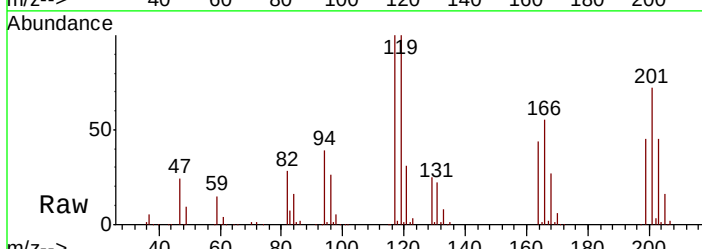


Abundance Ion 91.00 (90.70 to 91.70): VX
Ion 92.00 (91.70 to 92.70): VX
Ion 134.00 (133.70 to 134.70):

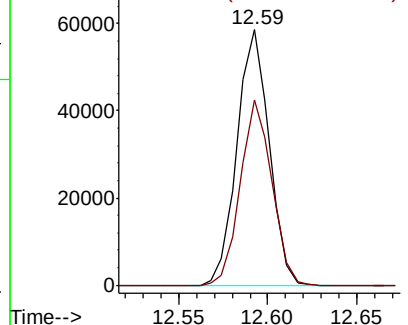
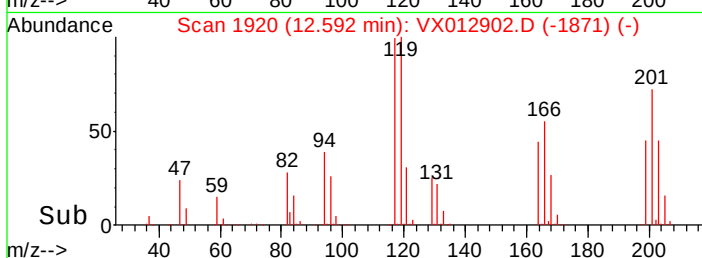


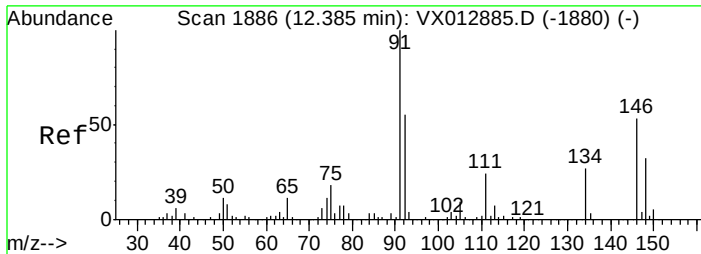
#90
Hexachloroethane
Concen: 46.076 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion: 117 Resp: 73252
Ion Ratio Lower Upper
117 100
201 70.1 36.9 111.0



Abundance Ion 117.80 (116.50 to 119.10): 7
Ion 200.70 (200.40 to 201.40):

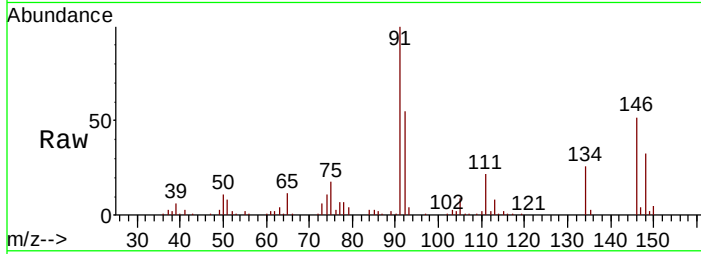




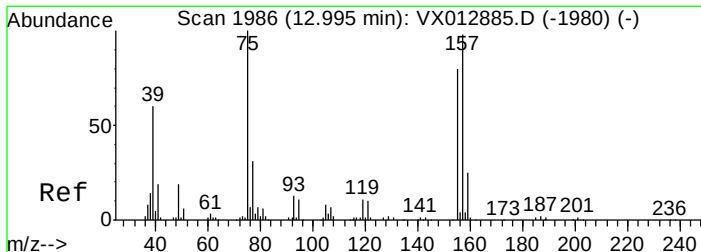
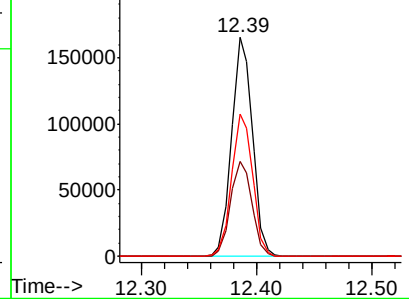
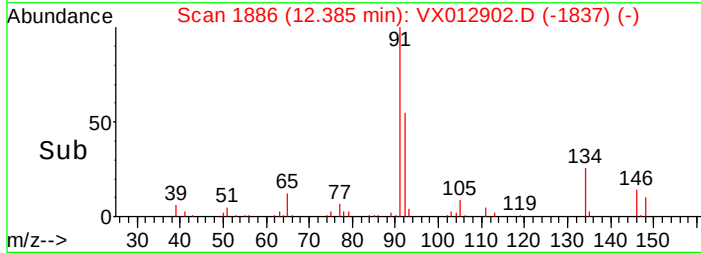
#91
 1,2-Dichlorobenzene
 Concen: 48.820 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 206191
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.7 68.0
 148 65.2 31.6 94.7

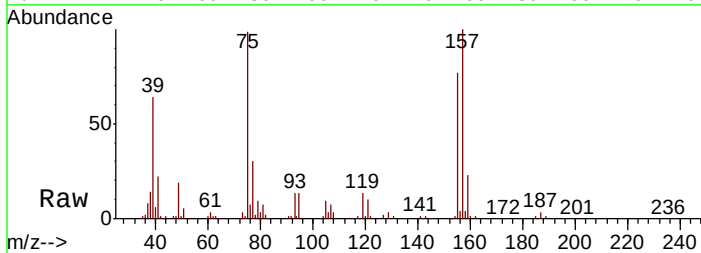


Abundance Ion 145.90 (145.60 to 146.60):
 Ion 110.90 (110.60 to 111.60):
 Ion 147.90 (147.60 to 148.60):

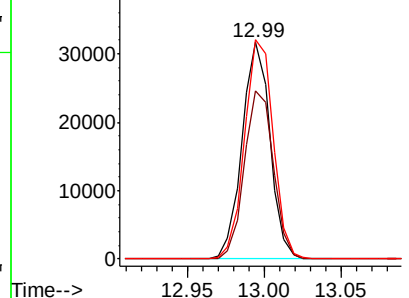
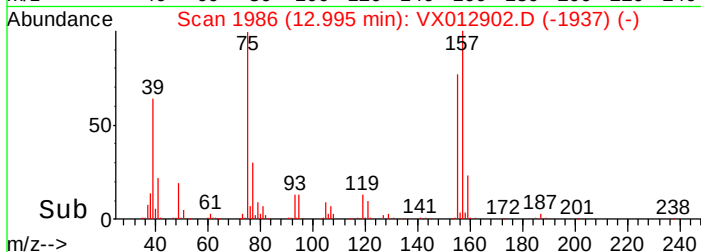


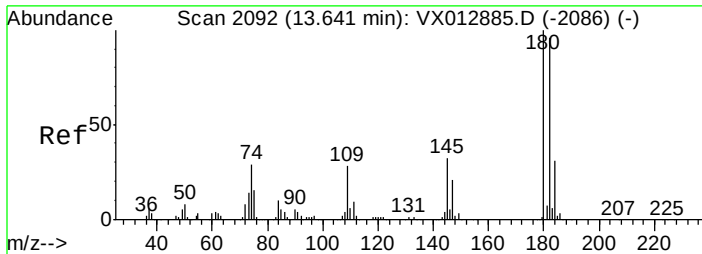
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.010 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion: 75 Resp: 39916
 Ion Ratio Lower Upper
 75 100



Abundance Ion 155.90 (155.60 to 156.60):
 Ion 157.80 (157.50 to 158.50):
 Ion 156.80 (156.50 to 157.50):

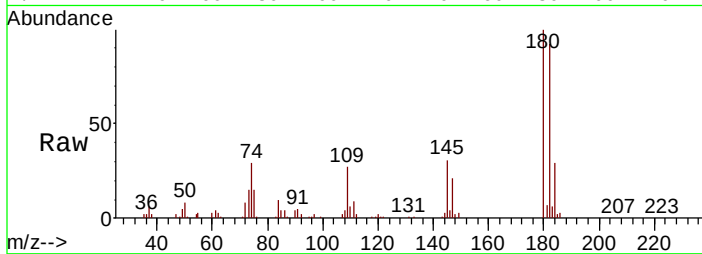




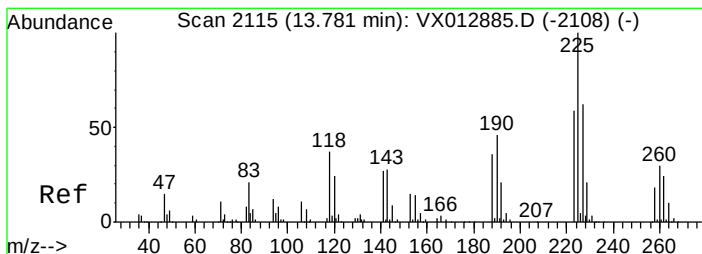
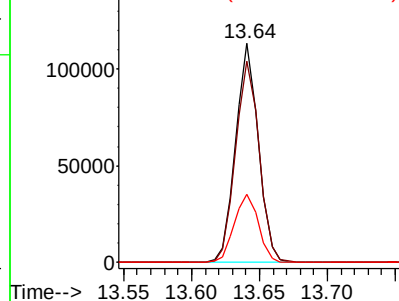
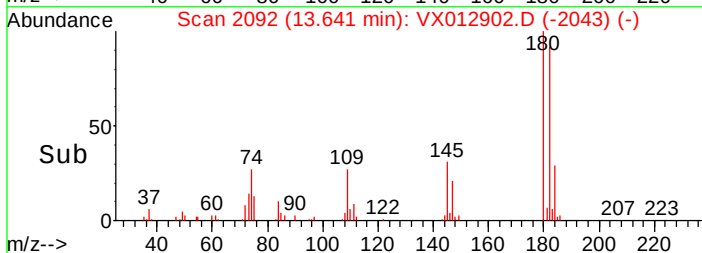
#93
 1,2,4-Trichlorobenzene
 Concen: 49.559 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 131116
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.8 140.4
 145 33.0 16.2 48.6

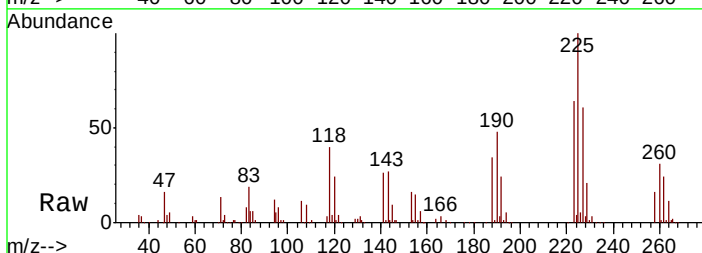


Abundance Ion 179.80 (179.50 to 180.50):
 Ion 181.80 (181.50 to 182.50):
 Ion 144.80 (144.50 to 145.50):

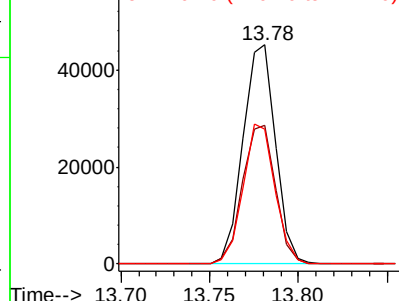
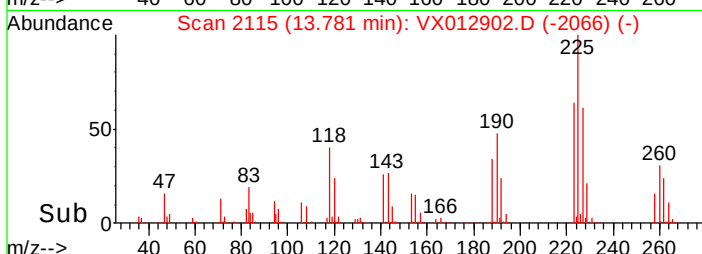


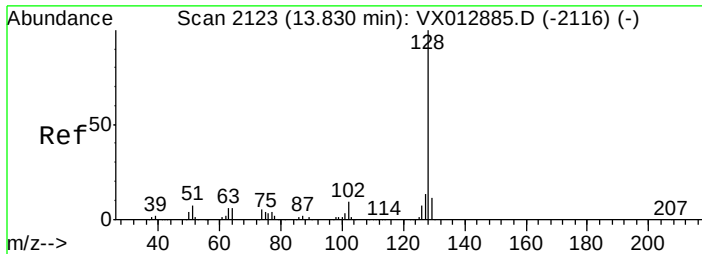
#94
 Hexachlorobutadiene
 Concen: 46.729 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012902.D
 Acq: 08 Oct 2019 20:10

Tgt Ion:225 Resp: 57055
 Ion Ratio Lower Upper
 225 100



Abundance Ion 222.70 (222.40 to 223.00):
 Ion 224.70 (224.40 to 225.00):
 Ion 226.70 (226.40 to 227.00):

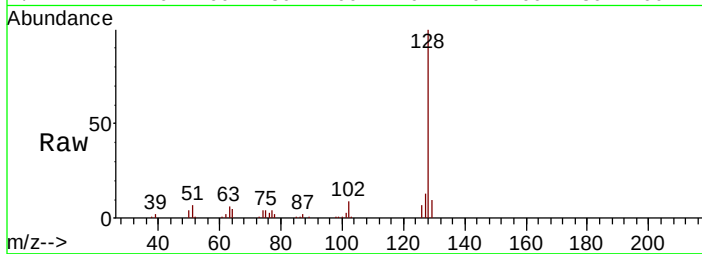




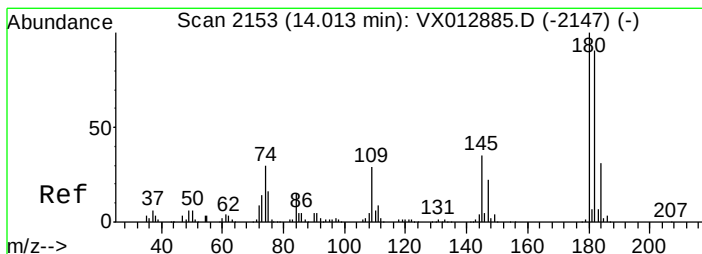
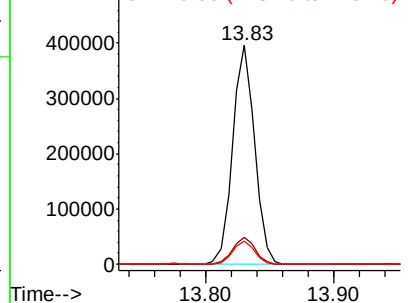
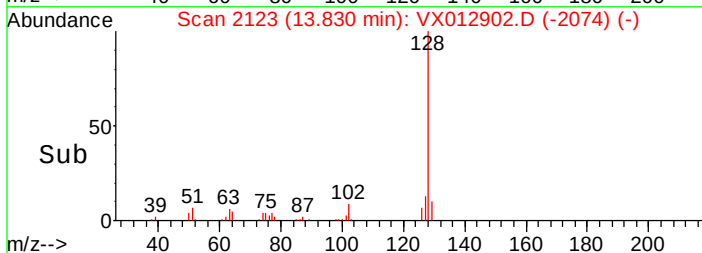
#95
Naphthalene
Concen: 51.924 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 476206
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.5 8.8 13.2

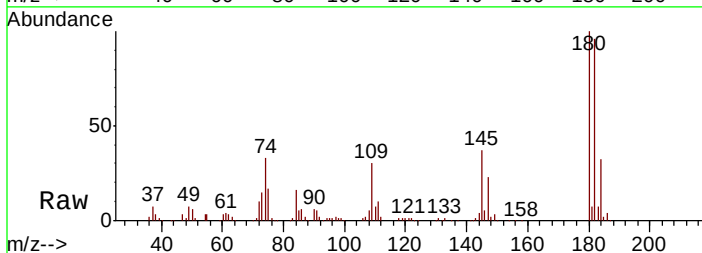


Abundance Ion 128.00 (127.70 to 128.70):
Ion 127.00 (126.70 to 127.70):
Ion 129.00 (128.70 to 129.70):



#96
1,2,3-Trichlorobenzene
Concen: 48.819 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012902.D
Acq: 08 Oct 2019 20:10

Tgt Ion:180 Resp: 133472
Ion Ratio Lower Upper
180 100



Abundance Ion 180.80 (149.50 to 181.50):
Ion 186.80 (147.50 to 182.50):
Ion 144.90 (144.60 to 145.60):

