

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
 Data File : VX010905.D
 Acq On : 16 Jul 2019 13:33
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071619

Quant Time: Jul 17 04:46:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	246620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	360770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	179967	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123146	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
35) Dibromofluoromethane	5.49	113	110761	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	414918	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	160763	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	135755	51.605	ug/l	99
3) Chloromethane	1.32	50	113435	50.018	ug/l	99
4) Vinyl Chloride	1.41	62	119283	51.565	ug/l	99
5) Bromomethane	1.64	94	64736	49.660	ug/l	98
6) Chloroethane	1.71	64	72966	49.635	ug/l	94
7) Trichlorofluoromethane	1.93	101	199360	50.912	ug/l	98
8) Diethyl Ether	2.18	74	64321	47.675	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114875	51.380	ug/l	99
10) Methyl Iodide	2.51	142	138949	47.358	ug/l	99
11) Tert butyl alcohol	3.04	59	134506	220.131	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108996	49.618	ug/l	99
13) Acrolein	2.29	56	81567	231.049	ug/l	99
14) Allyl chloride	2.73	41	161524	50.622	ug/l	99
15) Acrylonitrile	3.14	53	285902	231.557	ug/l	100
16) Acetone	2.44	43	287124	242.304	ug/l	99
17) Carbon Disulfide	2.57	76	293252	52.042	ug/l	99
18) Methyl Acetate	2.77	43	118436	43.894	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	348453	49.275	ug/l	97
20) Methylene Chloride	2.85	84	118486	47.183	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	116355	49.920	ug/l	96
22) Diisopropyl ether	3.85	45	324775	48.261	ug/l	91
23) Vinyl Acetate	3.81	43	1450524	254.391	ug/l	100
24) 1,1-Dichloroethane	3.69	63	189102	48.385	ug/l	99
25) 2-Butanone	4.67	43	413514	243.099	ug/l	100
26) 2,2-Dichloropropane	4.58	77	168890	52.630	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	131688	48.818	ug/l	99
28) Bromochloromethane	5.01	49	85419	46.381	ug/l	99
29) Tetrahydrofuran	5.12	42	252007	233.884	ug/l	100
30) Chloroform	5.21	83	204169	48.331	ug/l	99
31) Cyclohexane	5.58	56	179346	50.345	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	183560	50.225	ug/l	99
36) 1,1-Dichloropropene	5.79	75	153449	51.781	ug/l	99
37) Ethyl Acetate	4.82	43	149564	49.289	ug/l	99
38) Carbon Tetrachloride	5.78	117	164853	53.385	ug/l	95

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 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203922	53.064	ug/l	99
40) Benzene	6.14	78	455052	50.130	ug/l	100
41) Methacrylonitrile	5.04	41	79879	46.372	ug/l	99
42) 1,2-Dichloroethane	6.19	62	159536	50.547	ug/l	99
43) Isopropyl Acetate	6.44	43	247088	49.521	ug/l	99
44) Trichloroethene	7.21	130	134831	50.179	ug/l	95
45) 1,2-Dichloropropane	7.51	63	114919	49.740	ug/l	99
46) Dibromomethane	7.66	93	82963	50.252	ug/l	99
47) Bromodichloromethane	7.89	83	157480	53.587	ug/l	99
48) Methyl methacrylate	7.76	41	122259	50.299	ug/l	98
49) 1,4-Dioxane	7.74	88	65402	961.922	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	797920	246.698	ug/l	100
52) Toluene	8.78	92	299700	50.258	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	172983	54.742	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	188748	53.680	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121104	49.322	ug/l	98
56) Ethyl methacrylate	9.18	69	187756	52.277	ug/l	100
57) 1,3-Dichloropropane	9.37	76	192876	49.518	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	486728	283.891	ug/l	99
59) 2-Hexanone	9.49	43	643918	256.679	ug/l	100
60) Dibromochloromethane	9.58	129	135329	47.997	ug/l	99
61) 1,2-Dibromoethane	9.67	107	134317	51.546	ug/l	99
64) Tetrachloroethene	9.34	164	129947	49.546	ug/l	97
65) Chlorobenzene	10.13	112	339482	49.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	125448	52.126	ug/l	99
67) Ethyl Benzene	10.25	91	588930	50.528	ug/l	99
68) m/p-Xylenes	10.36	106	461483	103.217	ug/l	99
69) o-Xylene	10.69	106	220295	50.486	ug/l	99
70) Styrene	10.71	104	382823	52.630	ug/l	100
71) Bromoform	10.85	173	104892	47.976	ug/l	100
73) Isopropylbenzene	11.02	105	609795	50.146	ug/l	100
74) N-amyl acetate	10.90	43	237325	51.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	192750	48.435	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	214936	66.183	ug/l	84
77) Bromobenzene	11.25	156	162276	48.379	ug/l	99
78) n-propylbenzene	11.36	91	692935	51.572	ug/l	99
79) 2-Chlorotoluene	11.42	91	408658	50.630	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	515003	50.683	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60603	47.495	ug/l	100
82) 4-Chlorotoluene	11.51	91	479128	51.002	ug/l	99
83) tert-Butylbenzene	11.77	119	511479	51.246	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	524148	51.179	ug/l	99
85) sec-Butylbenzene	11.94	105	609058	52.079	ug/l	100
86) p-Isopropyltoluene	12.06	119	573171	53.013	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	296495	50.935	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	298910	50.068	ug/l	99
89) n-Butylbenzene	12.38	91	511920	55.343	ug/l	99
90) Hexachloroethane	12.60	117	91256	53.512	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	291790	50.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42121	50.635	ug/l	99

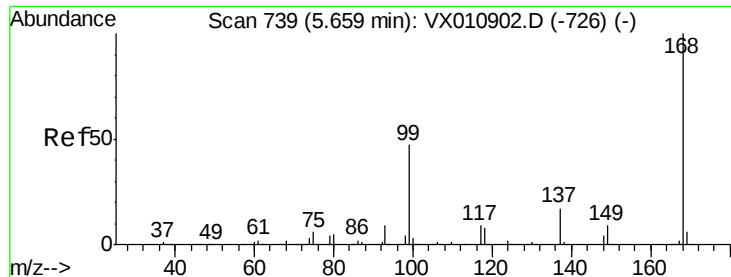
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	208257	53.266	ug/l	98
94) Hexachlorobutadiene	13.78	225	104761	54.071	ug/l	98
95) Naphthalene	13.83	128	607573	52.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201956	51.915	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

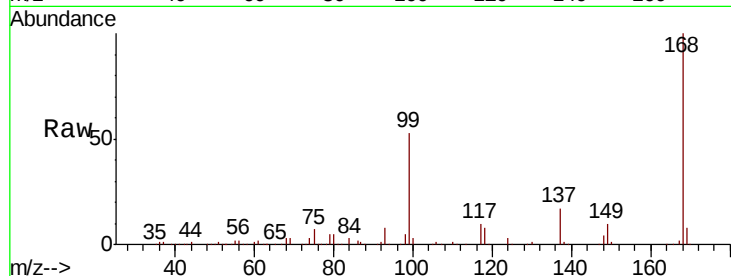
ICVVX071619

Tot Ion:168 Resp: 246620

Ion Ratio Lower Upper

168 100

99 52.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

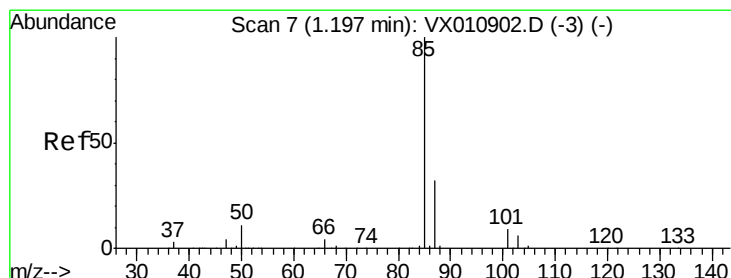
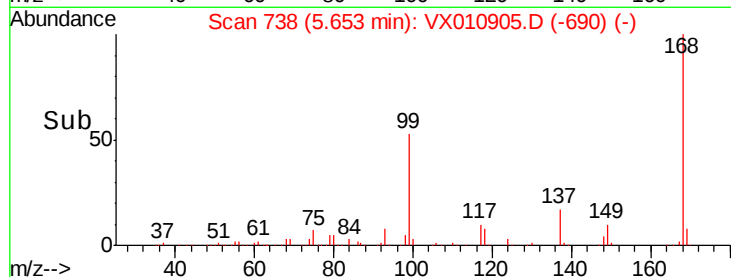
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.605 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010905.D

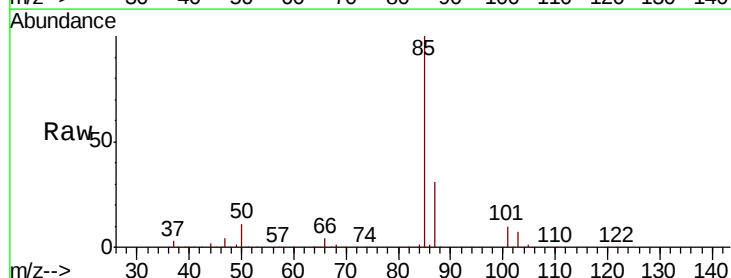
Acq: 16 Jul 2019 13:33

Tgt Ion: 85 Resp: 135755

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

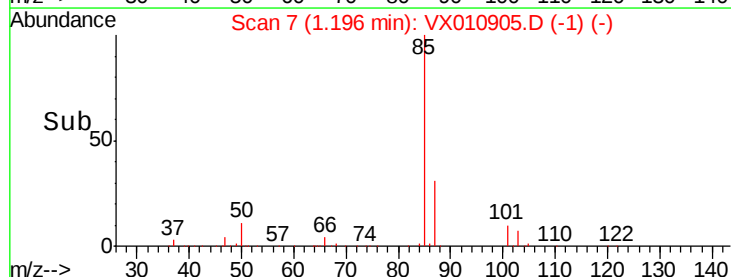
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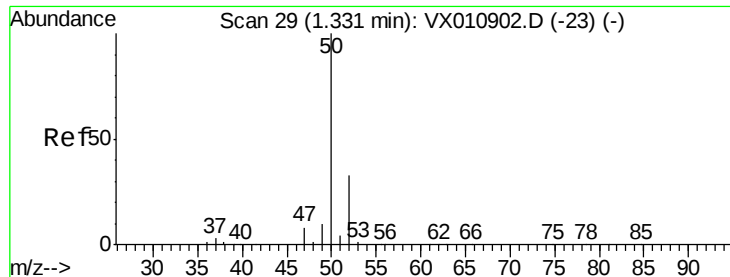
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.018 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

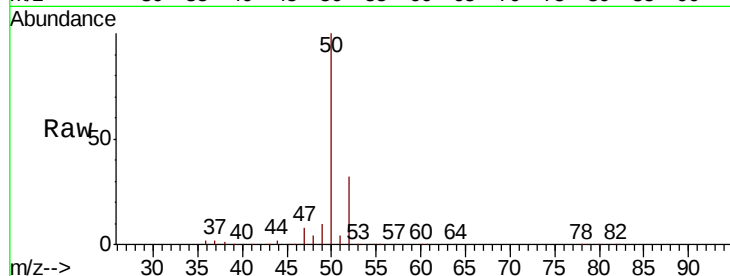
ICVVX071619

Tot Ion: 50 Resp: 113435

Ion Ratio Lower Upper

50 100

52 32.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

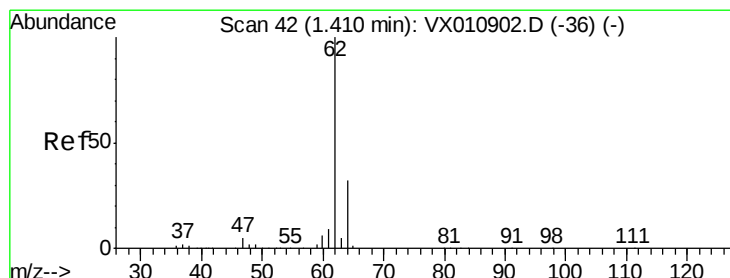
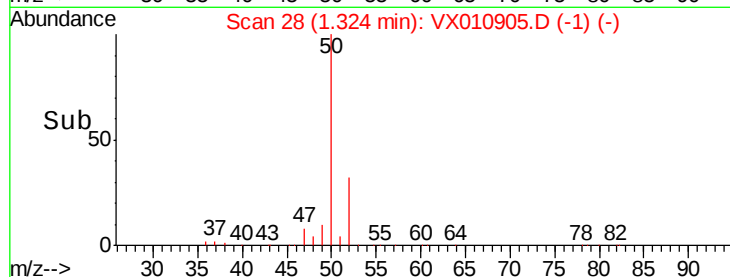
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 51.565 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010905.D

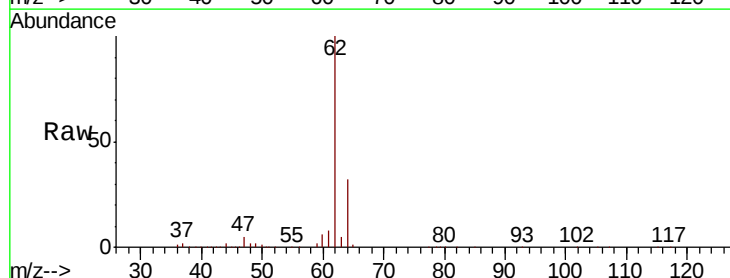
Acq: 16 Jul 2019 13:33

Tgt Ion: 62 Resp: 119283

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

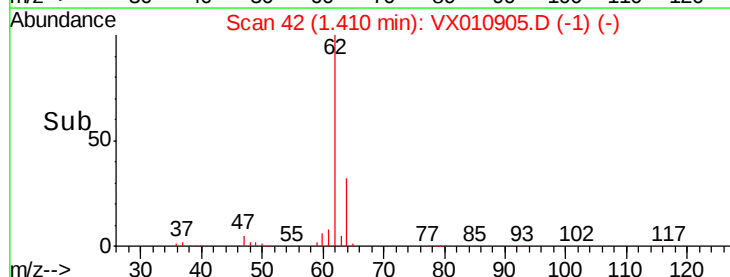
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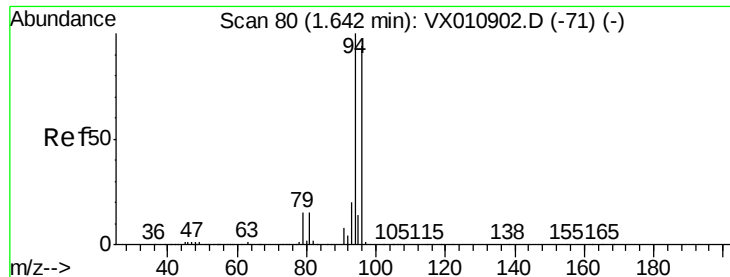
40000

20000

0

Time-->





#5

Bromomethane

Concen: 49.660 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

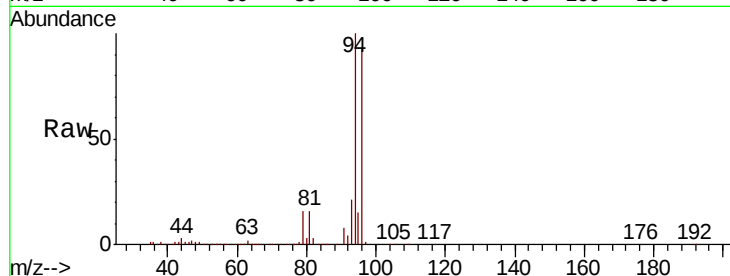
ICVVX071619

Tot Ion: 94 Resp: 64736

Ion Ratio Lower Upper

94 100

96 92.7 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

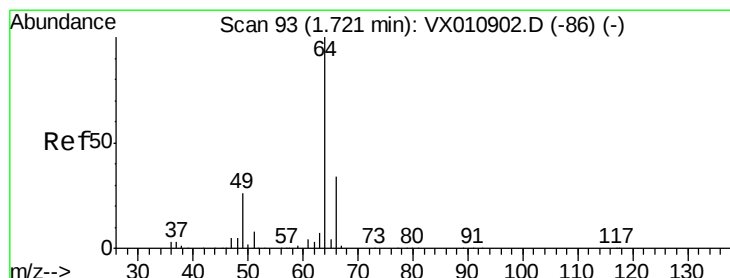
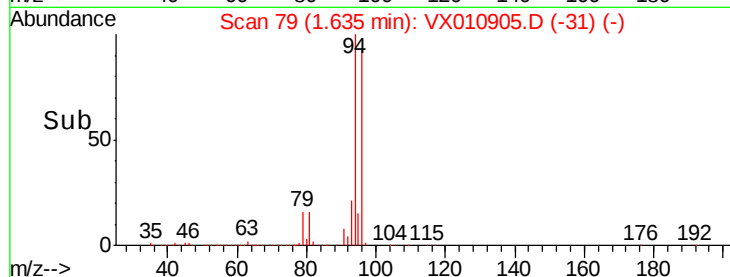
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 49.635 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010905.D

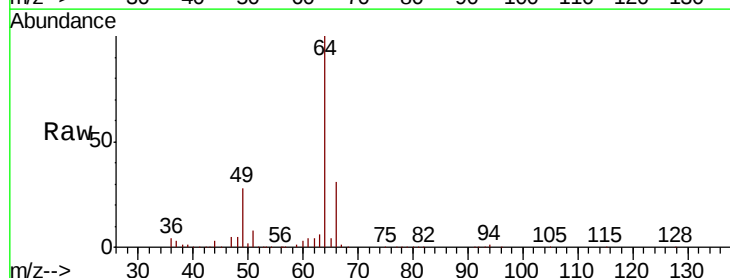
Acq: 16 Jul 2019 13:33

Tgt Ion: 64 Resp: 72966

Ion Ratio Lower Upper

64 100

66 30.6 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

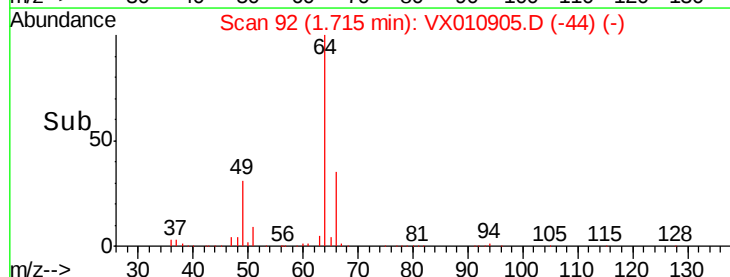
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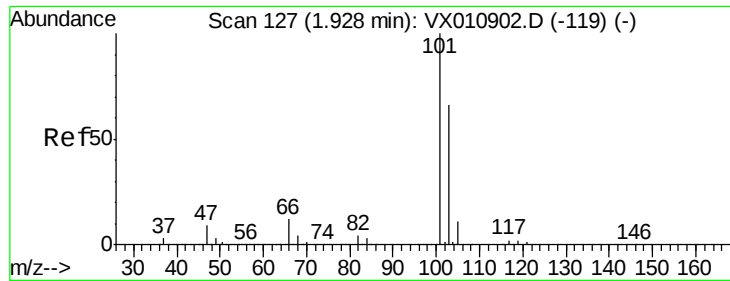
20000

10000

0

Time--> 1.60 1.70 1.80



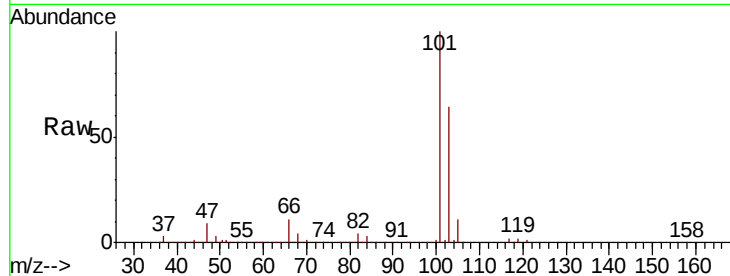


#7

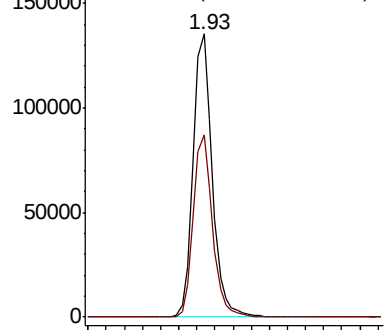
Trichlorofluoromethane
 Concen: 50.912 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

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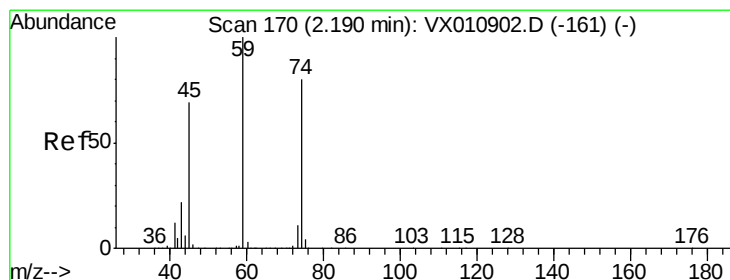
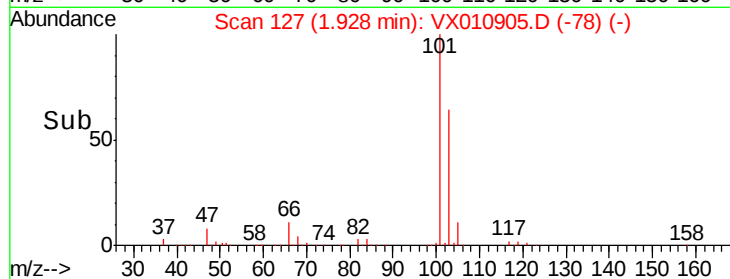
Tot Ion:101 Resp: 199360
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.6 78.8



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



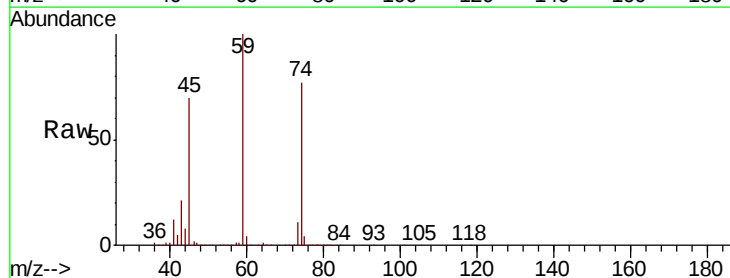
Time--> 1.80 1.90 2.00 2.10



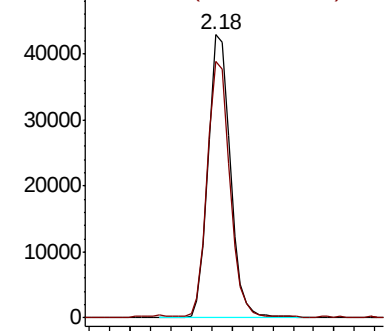
#8

Diethyl Ether
 Concen: 47.675 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

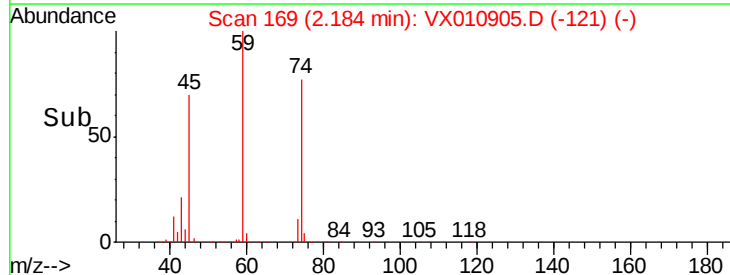
Tgt Ion: 74 Resp: 64321
 Ion Ratio Lower Upper
 74 100
 45 91.9 45.5 136.5

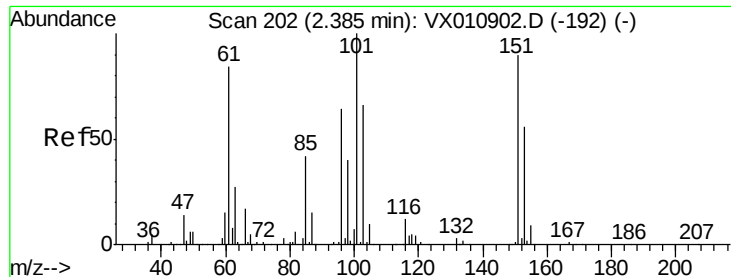


Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.380 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

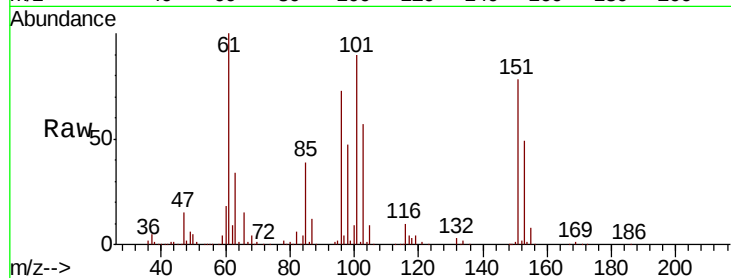
Tot Ion:101 Resp: 114875

Ion Ratio Lower Upper

101 100

85 42.8 34.6 52.0

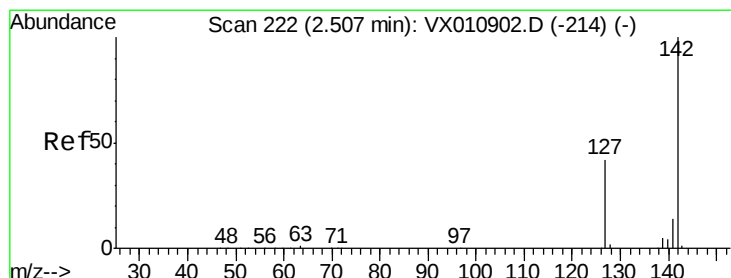
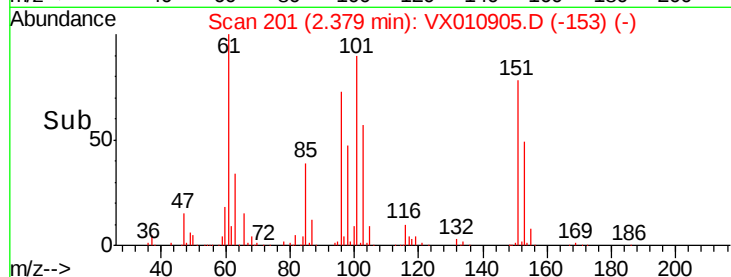
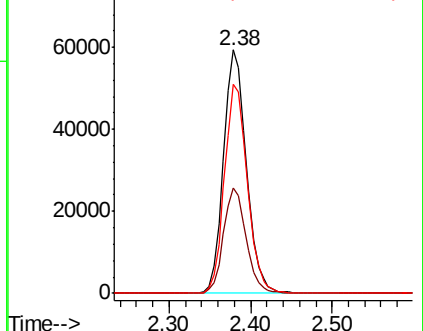
151 85.8 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.358 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

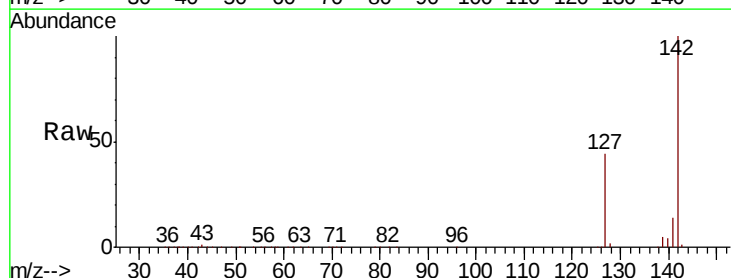
Tgt Ion:142 Resp: 138949

Ion Ratio Lower Upper

142 100

127 43.2 34.2 51.4

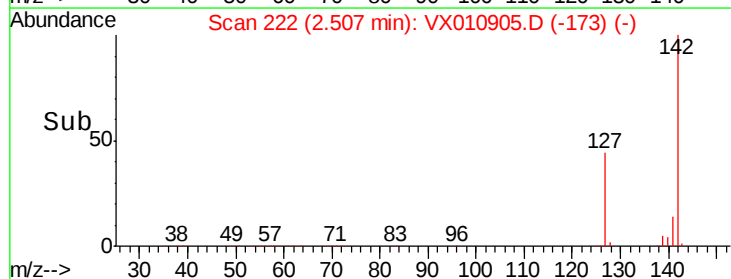
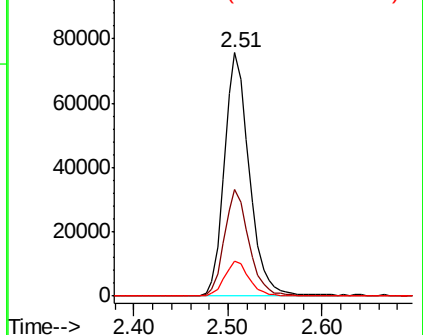
141 14.4 11.7 17.5



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

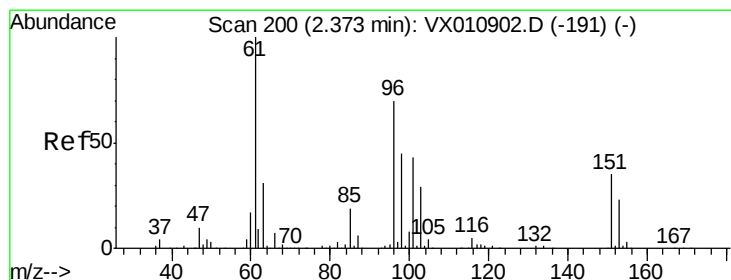
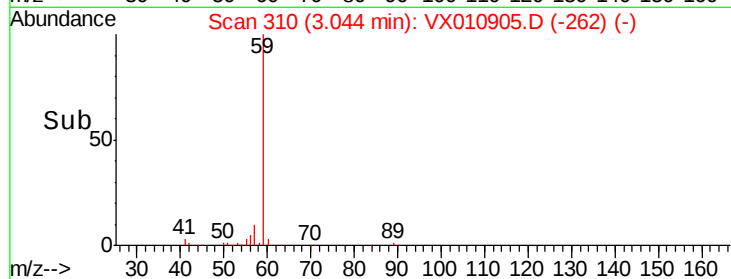
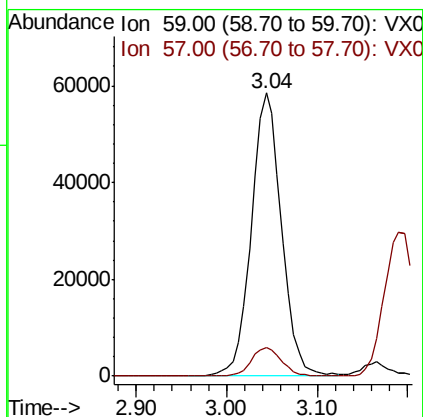
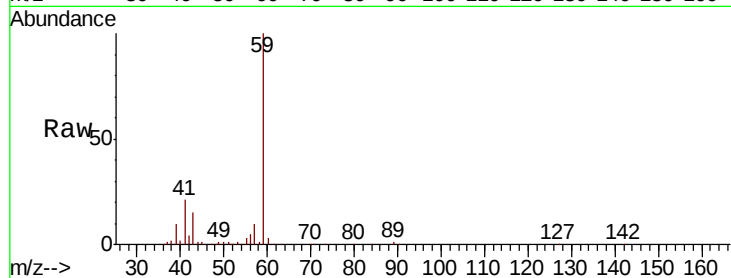




#11
Tert butyl alcohol
Concen: 220.131 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

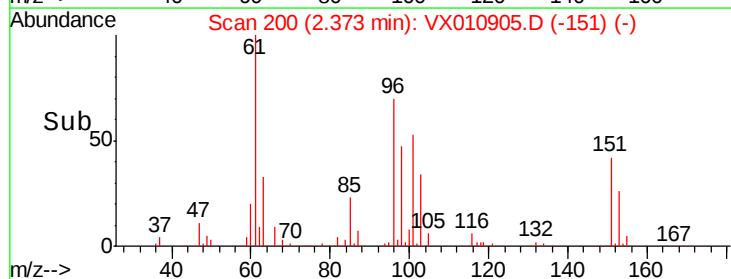
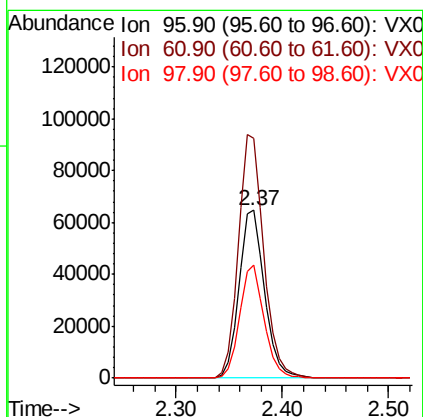
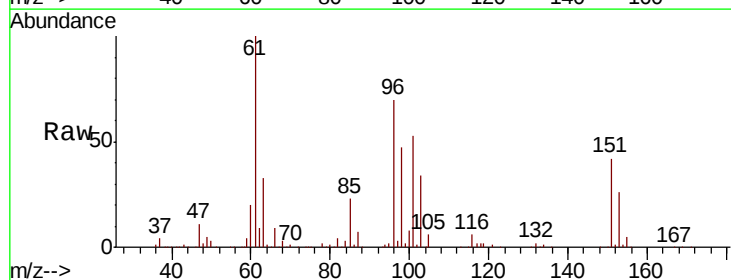
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

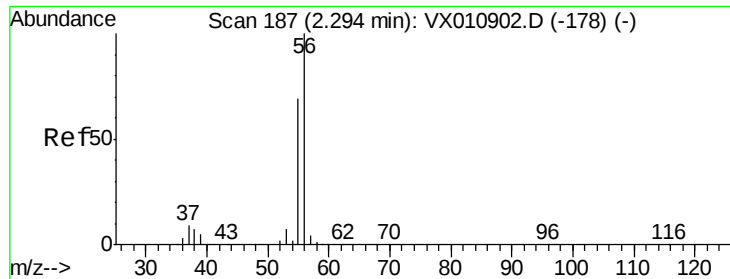
Tot Ion: 59 Resp: 134506
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9



#12
1,1-Dichloroethene
Concen: 49.618 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion: 96 Resp: 108996
Ion Ratio Lower Upper
96 100
61 142.6 115.0 172.4
98 67.0 52.2 78.2





#13

Acrolein

Concen: 231.049 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

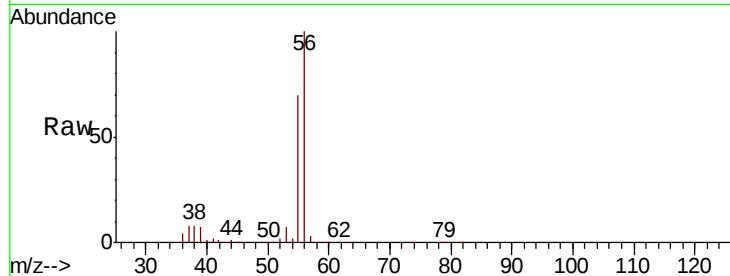
ICVVX071619

Tot Ion: 56 Resp: 81567

Ion Ratio Lower Upper

56 100

55 69.2 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

50000

40000

30000

20000

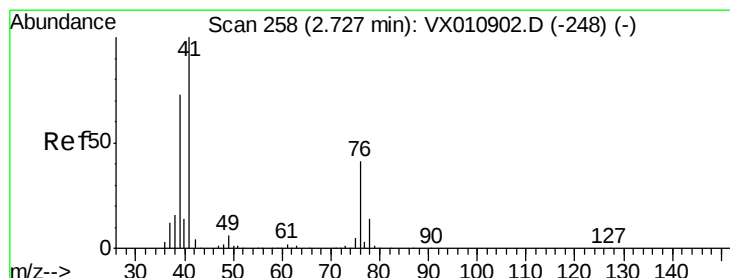
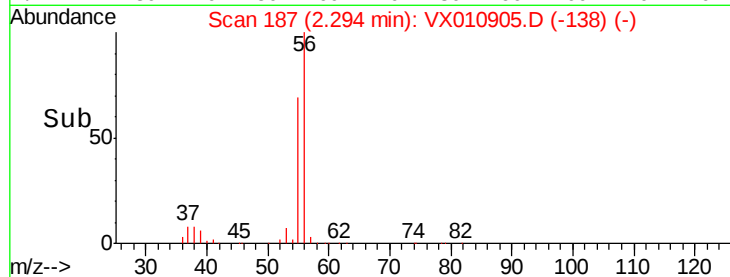
10000

0

2.29

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 50.622 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

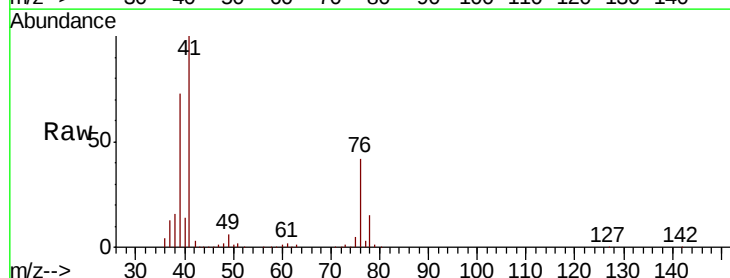
Tgt Ion: 41 Resp: 161524

Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 38.1 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

100000

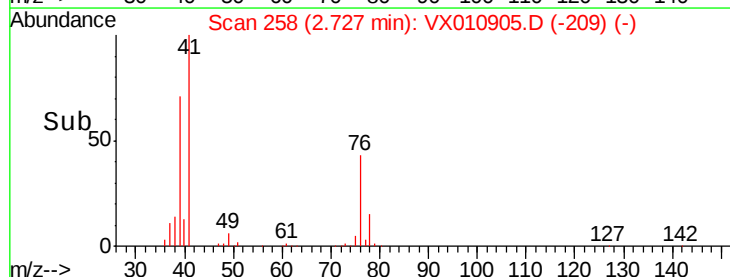
50000

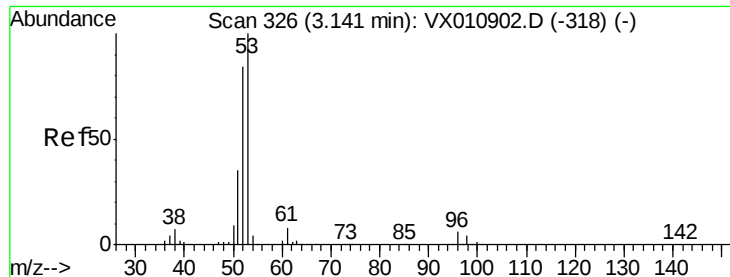
0

2.73

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 231.557 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

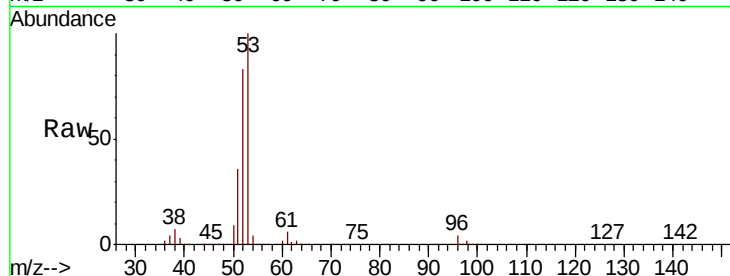
Tot Ion: 53 Resp: 285902

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

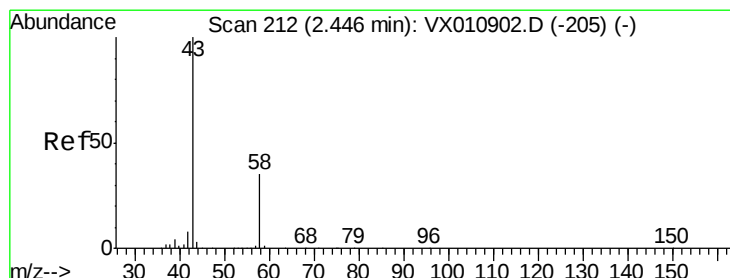
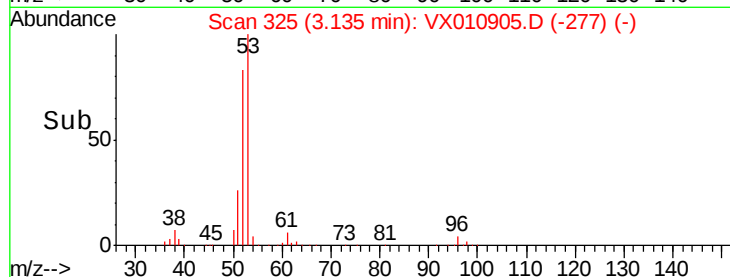
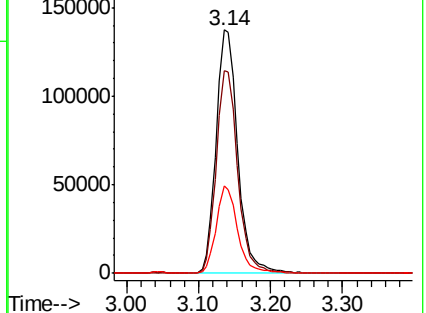
51 35.6 28.2 42.4



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: 242.304 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010905.D

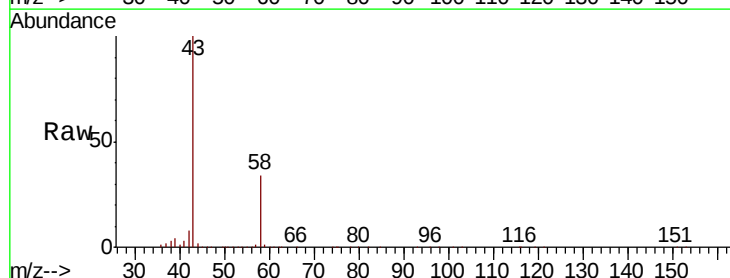
Acq: 16 Jul 2019 13:33

Tgt Ion: 43 Resp: 287124

Ion Ratio Lower Upper

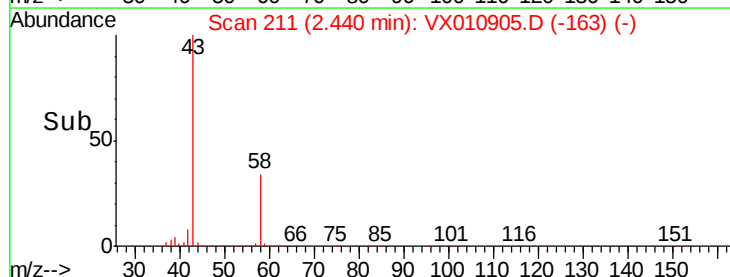
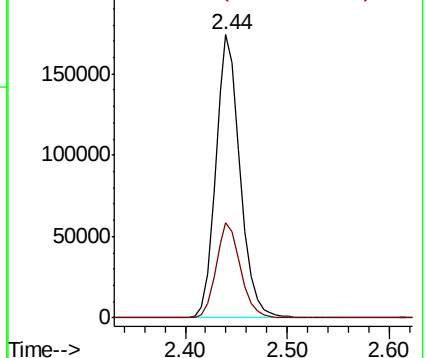
43 100

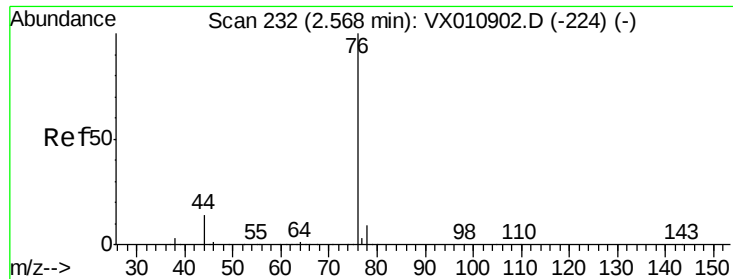
58 33.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

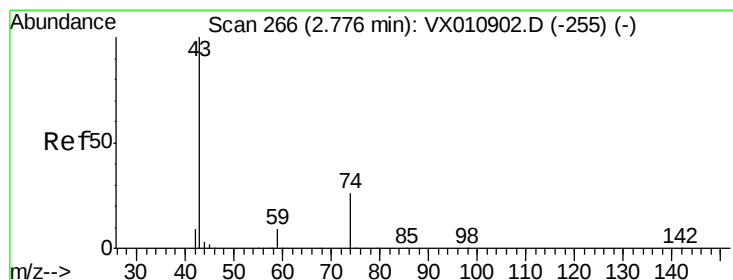
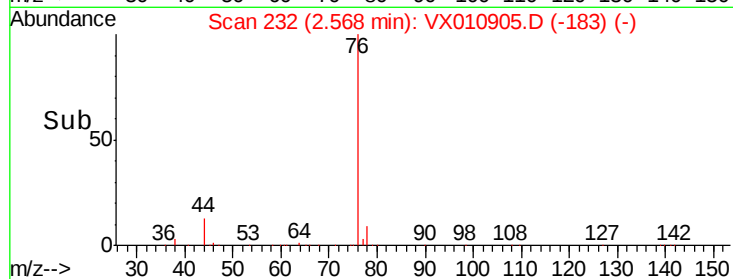
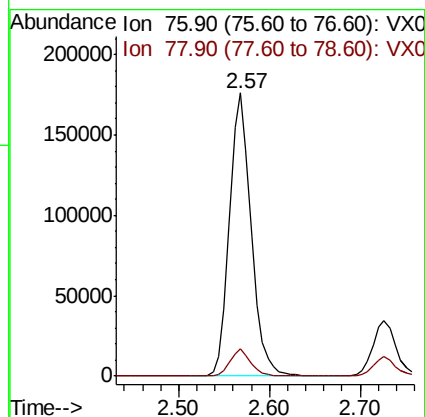
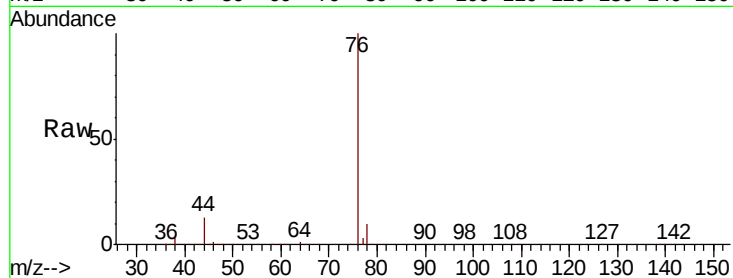




#17
Carbon Disulfide
Concen: 52.042 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

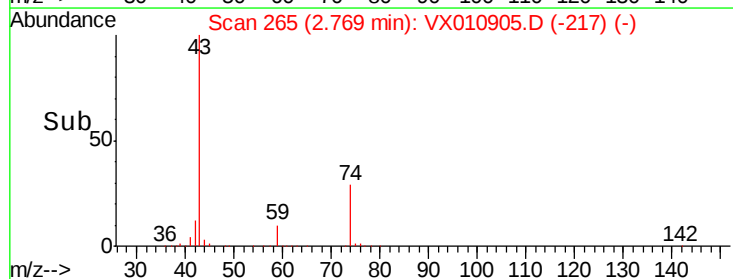
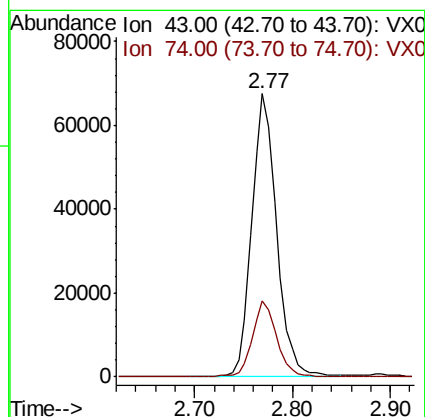
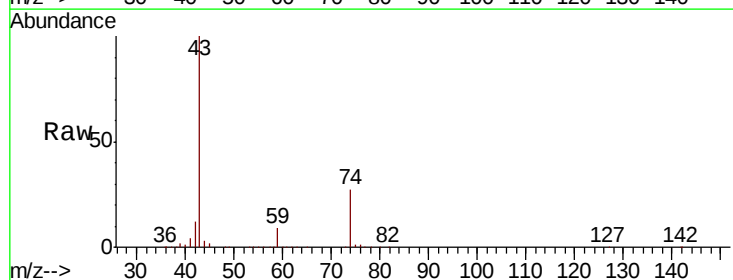
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

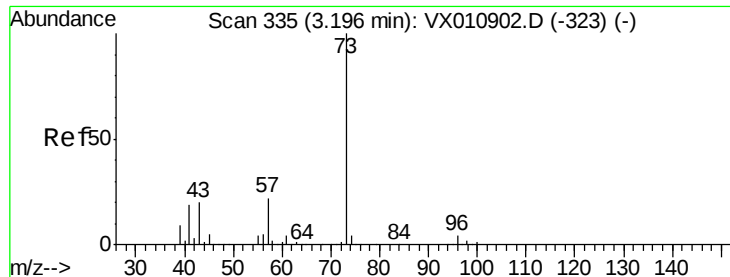
Tot Ion: 76 Resp: 293252
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 43.894 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion: 43 Resp: 118436
Ion Ratio Lower Upper
43 100
74 26.7 21.5 32.3

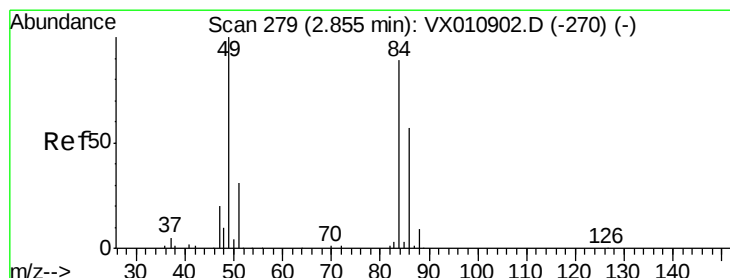
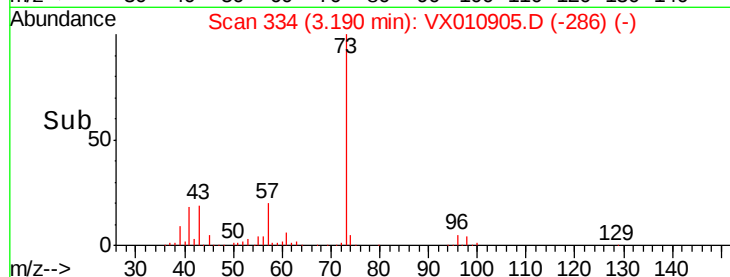
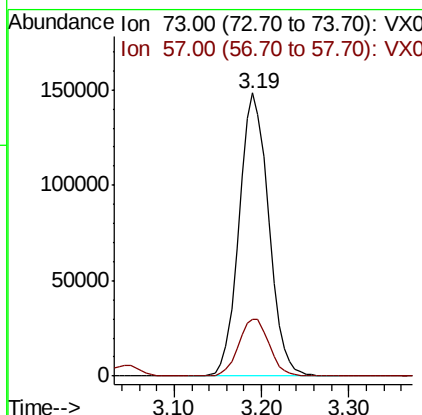
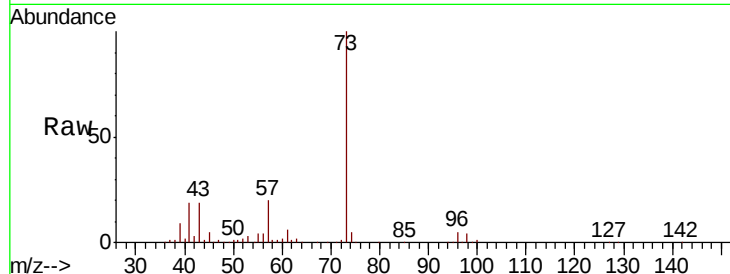




#19
Methyl tert-butyl Ether
Concen: 49.275 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

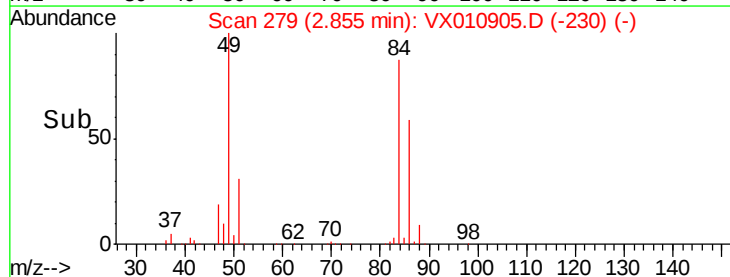
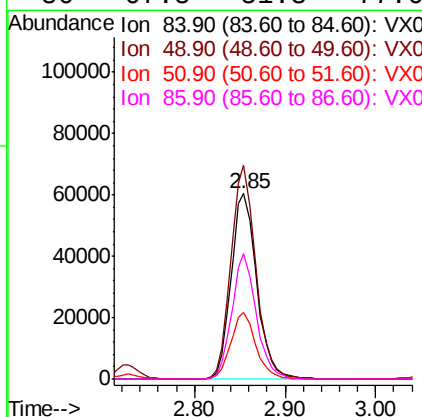
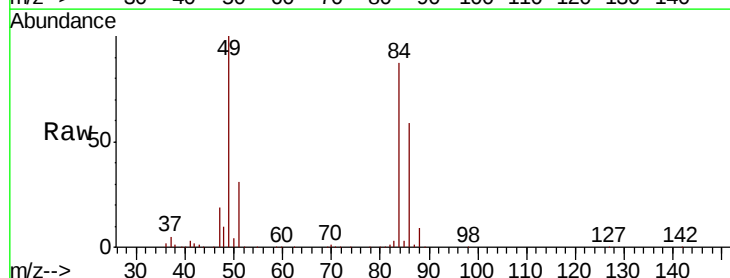
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

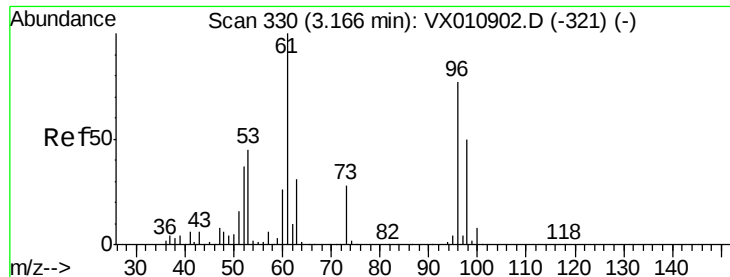
Tot Ion: 73 Resp: 348453
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 47.183 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion: 84 Resp: 118486
Ion Ratio Lower Upper
84 100
49 115.3 89.9 134.9
51 35.9 27.8 41.6
86 67.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.920 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

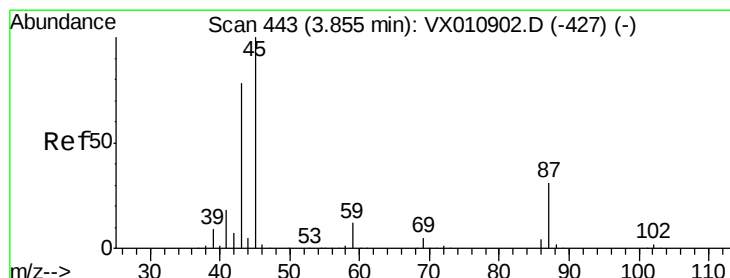
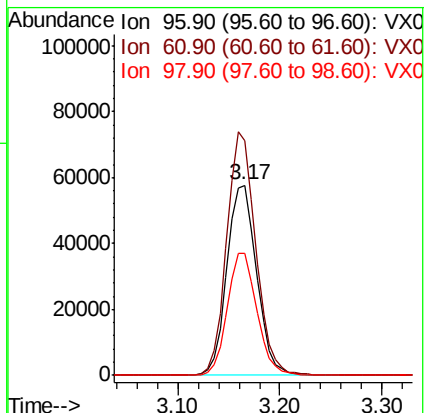
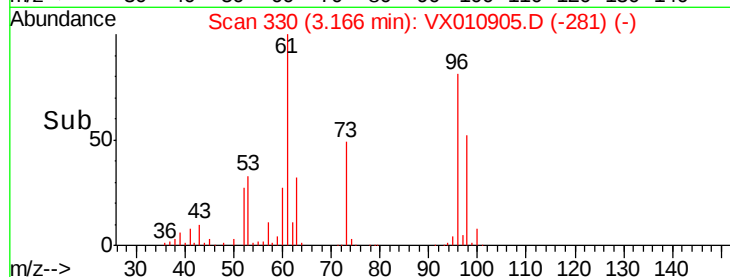
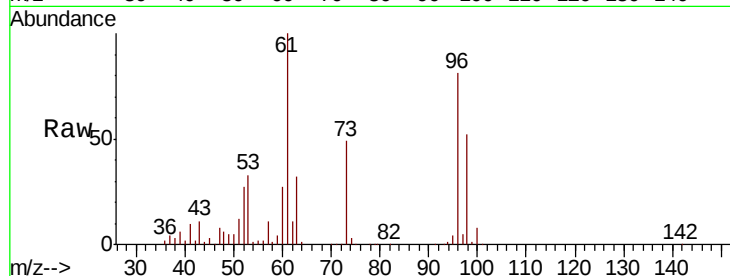
Tot Ion: 96 Resp: 116355

Ion Ratio Lower Upper

96 100

61 123.2 104.2 156.2

98 64.1 52.2 78.4



#22

Diisopropyl ether

Concen: 48.261 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Tgt Ion: 45 Resp: 324775

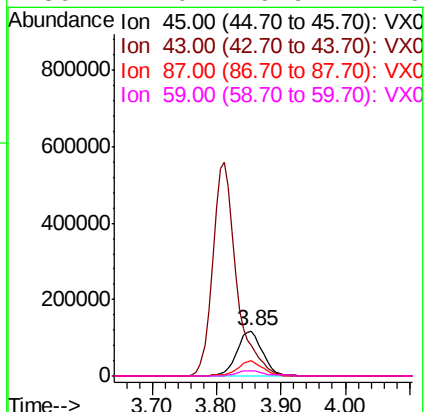
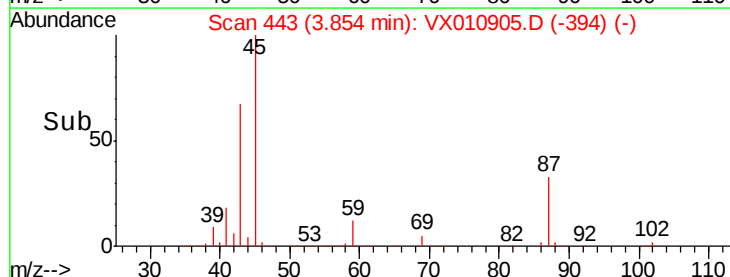
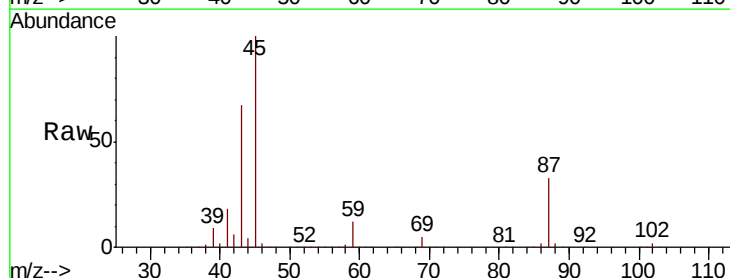
Ion Ratio Lower Upper

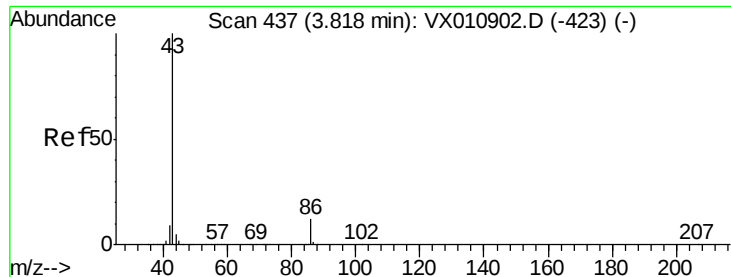
45 100

43 66.9 62.3 93.5

87 32.8 25.0 37.4

59 12.0 9.9 14.9





#23

Vinyl Acetate

Concen: 254.391 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

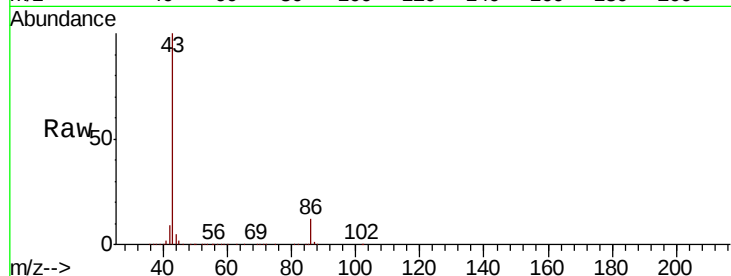
ICVVX071619

Tot Ion: 43 Resp: 1450524

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

500000

400000

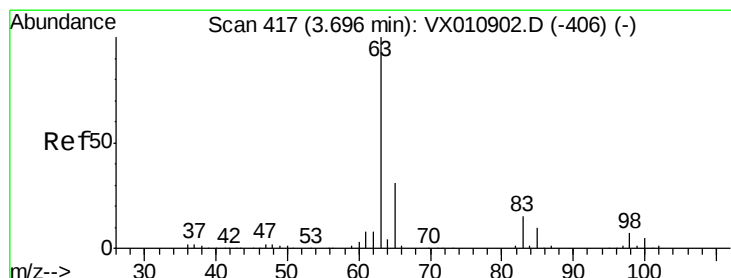
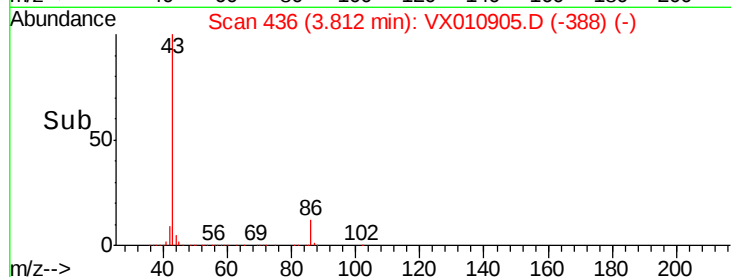
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 48.385 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

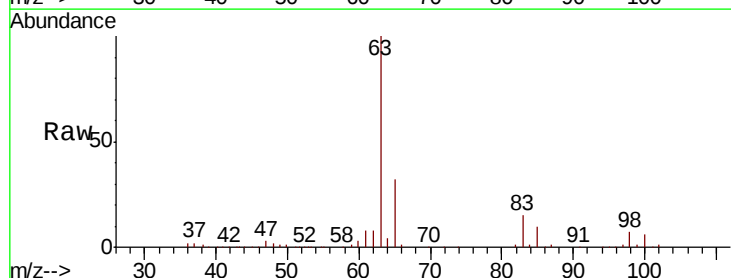
Tgt Ion: 63 Resp: 189102

Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.6 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

80000

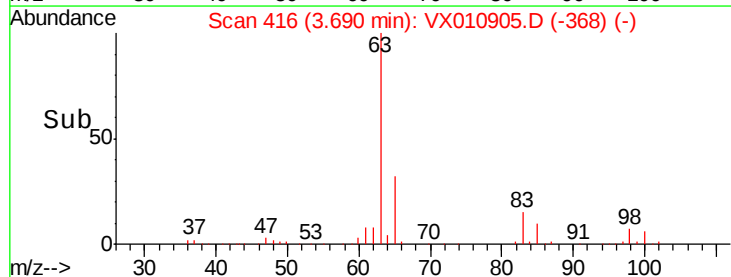
60000

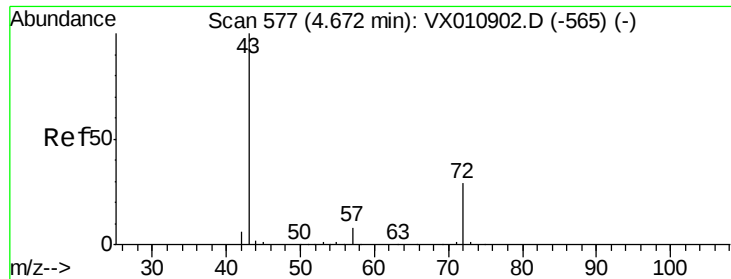
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 243.099 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

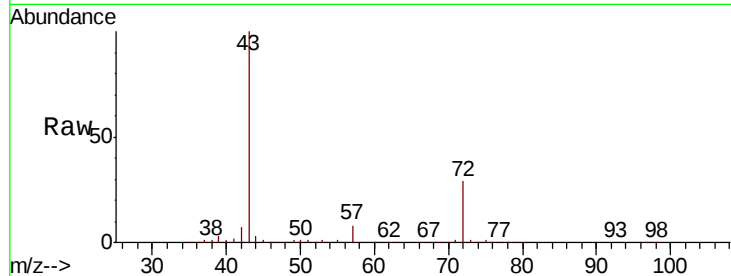
ICVVX071619

Tot Ion: 43 Resp: 413514

Ion Ratio Lower Upper

43 100

72 28.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

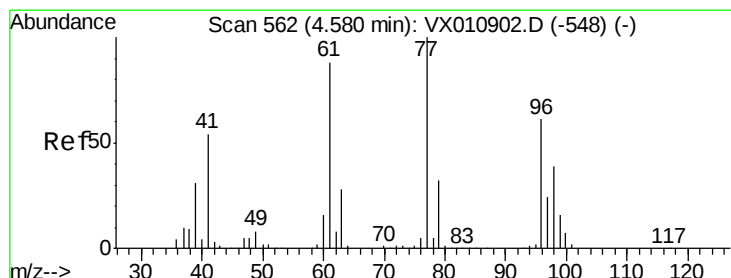
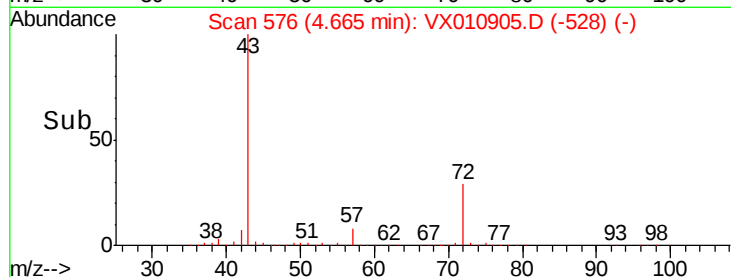
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.630 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010905.D

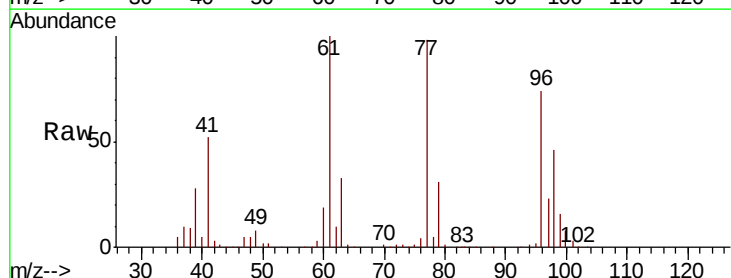
Acq: 16 Jul 2019 13:33

Tgt Ion: 77 Resp: 168890

Ion Ratio Lower Upper

77 100

97 24.0 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

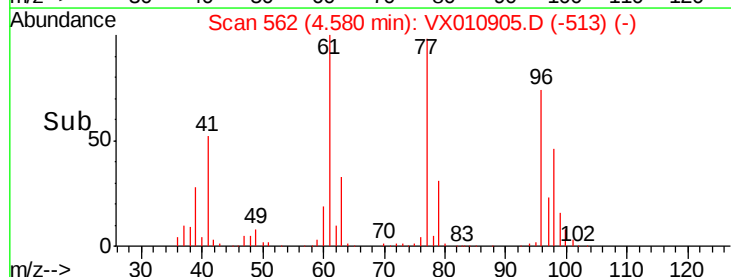
20000

10000

0

4.40 4.50 4.58 4.60 4.70

Time-->



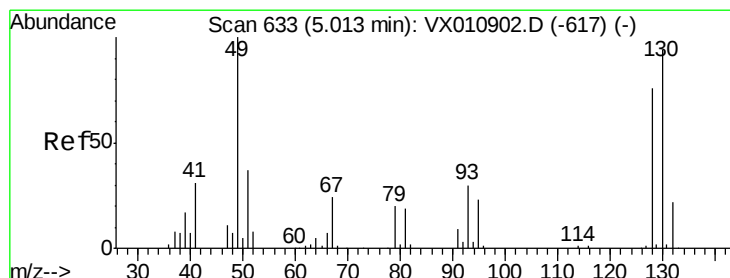
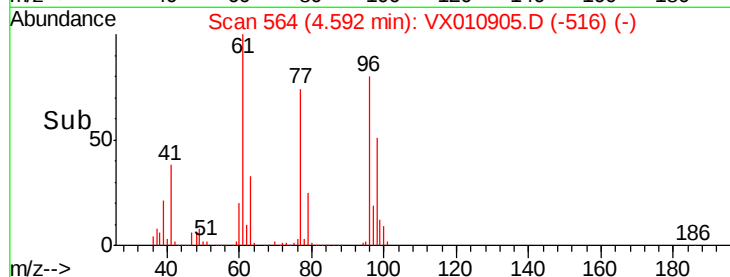
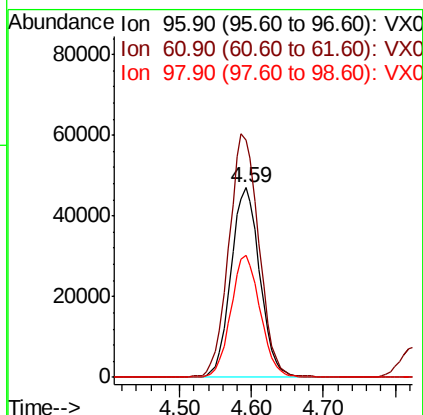
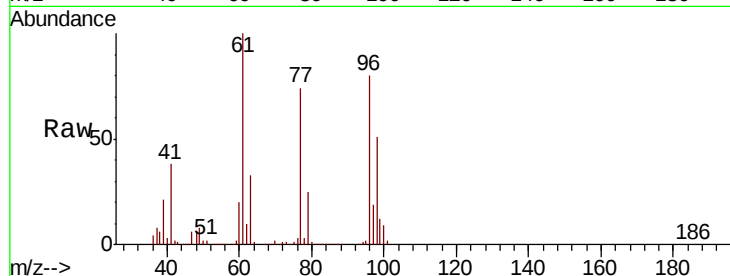


#27

cis-1,2-Dichloroethene
Concen: 48.818 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

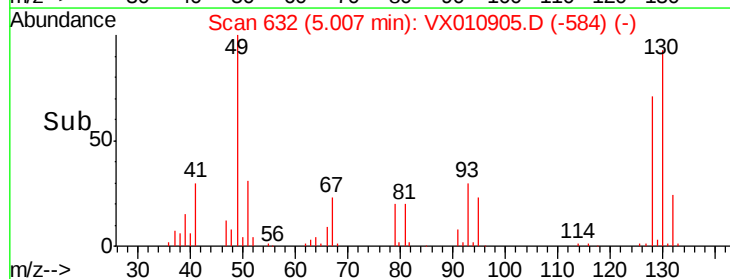
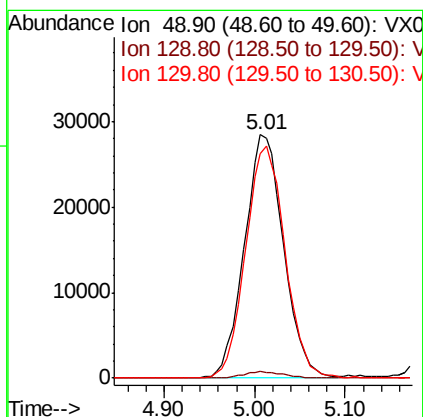
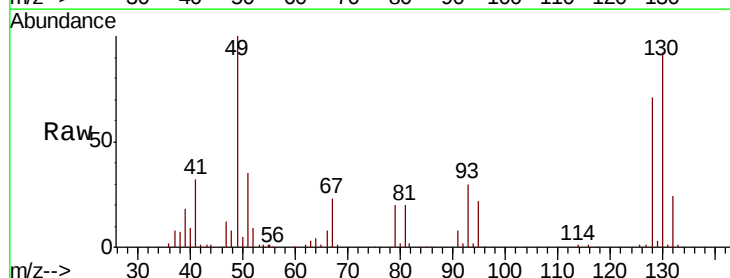
Tot Ion: 96 Resp: 131688
Ion Ratio Lower Upper
96 100
61 133.4 0.0 269.0
98 65.1 0.0 131.4

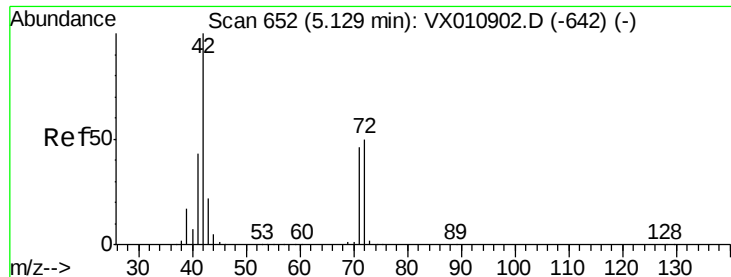


#28

Bromochloromethane
Concen: 46.381 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion: 49 Resp: 85419
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.2
130 95.3 76.9 115.3





#29

Tetrahydrofuran

Concen: 233.884 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampled :

ICVVX071619

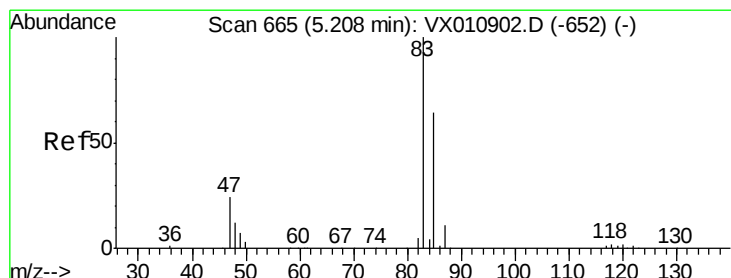
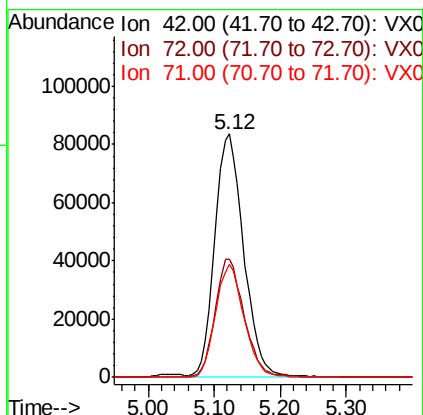
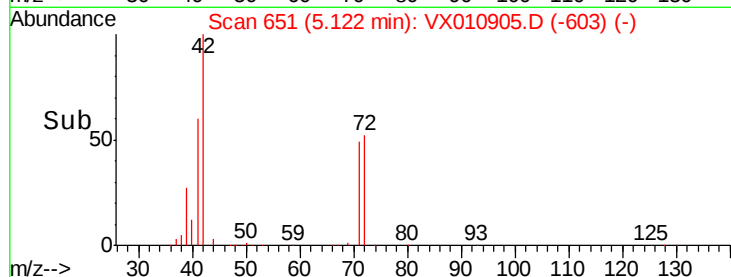
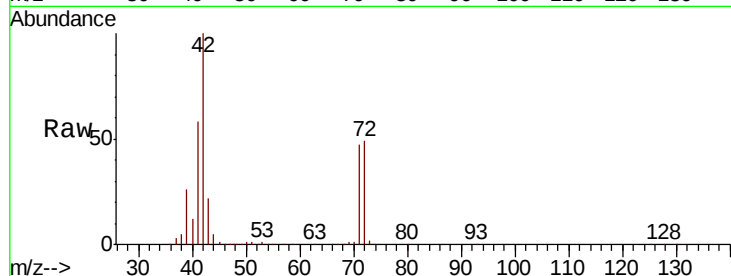
Tot Ion: 42 Resp: 252007

Ion Ratio Lower Upper

42 100

72 49.4 39.8 59.8

71 46.0 37.0 55.4



#30

Chloroform

Concen: 48.331 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX010905.D

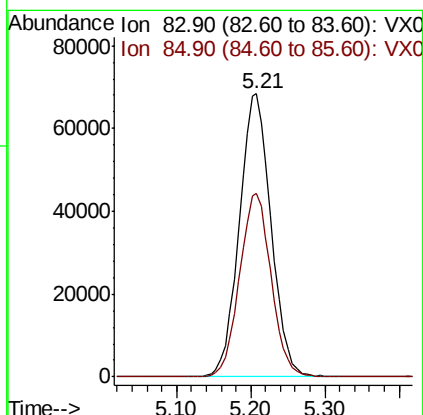
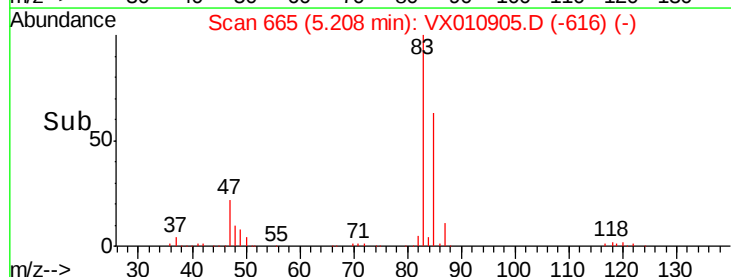
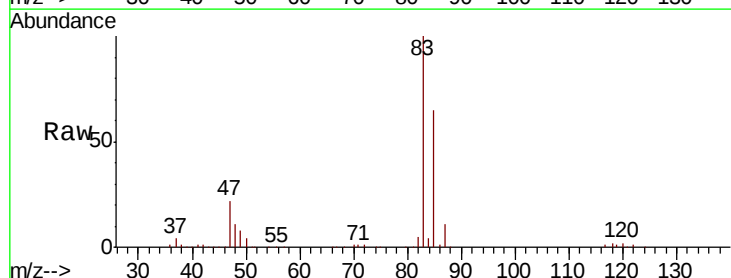
Acq: 16 Jul 2019 13:33

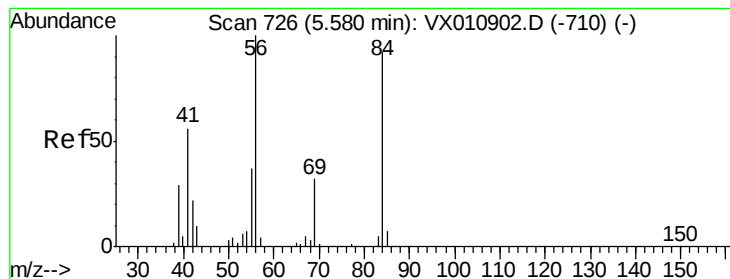
Tgt Ion: 83 Resp: 204169

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0





#31

Cyclohexane

Concen: 50.345 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX071619

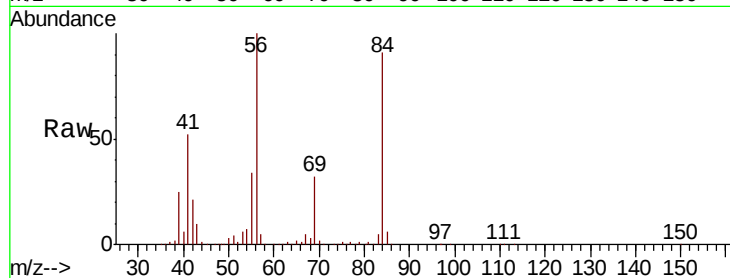
Tot Ion: 56 Resp: 179346

Ion Ratio Lower Upper

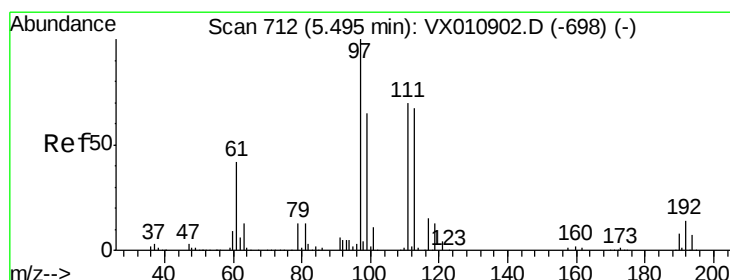
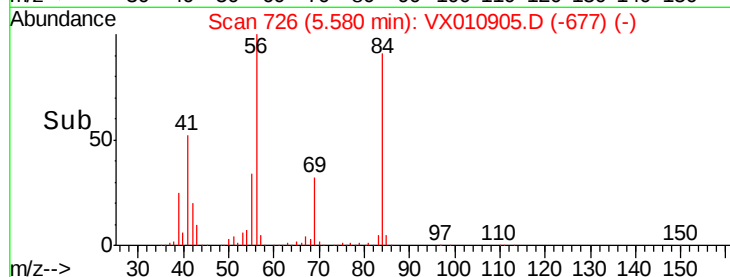
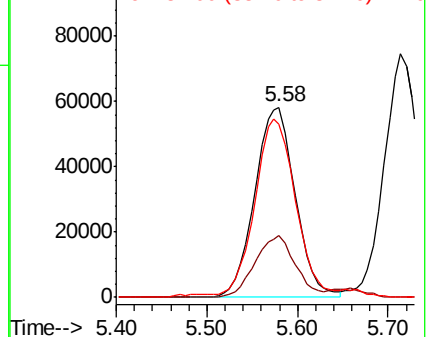
56 100

69 32.3 25.8 38.8

84 89.5 73.8 110.6



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: 50.225 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

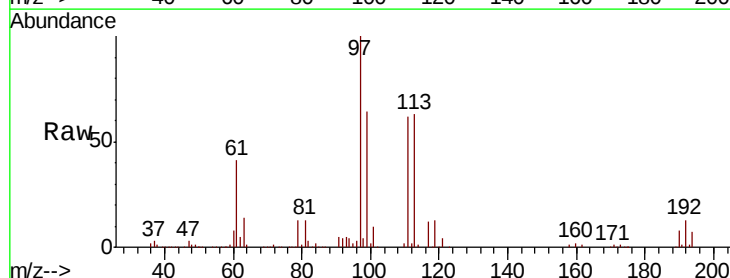
Tgt Ion: 97 Resp: 183560

Ion Ratio Lower Upper

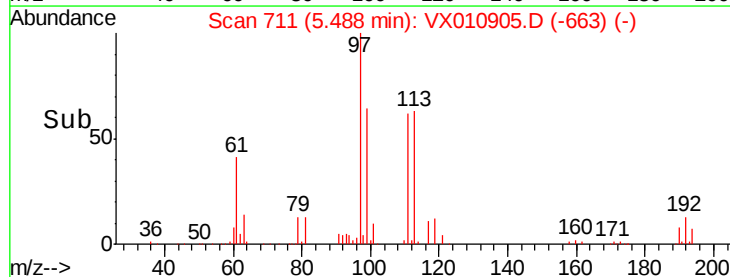
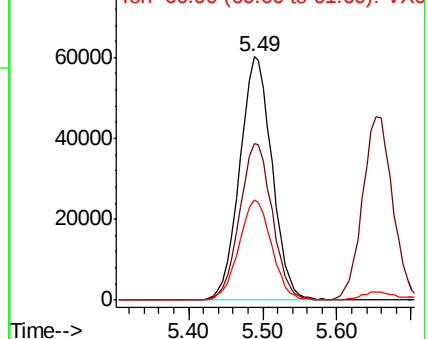
97 100

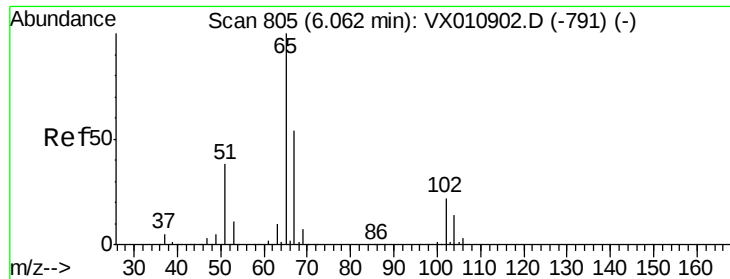
99 65.1 51.4 77.0

61 41.8 33.0 49.6



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: 46.937 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

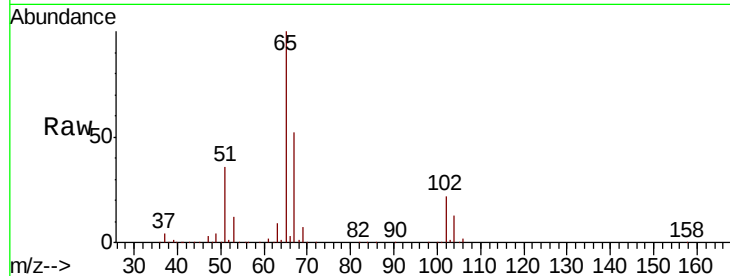
ICVVX071619

Tot Ion: 65 Resp: 123146

Ion Ratio Lower Upper

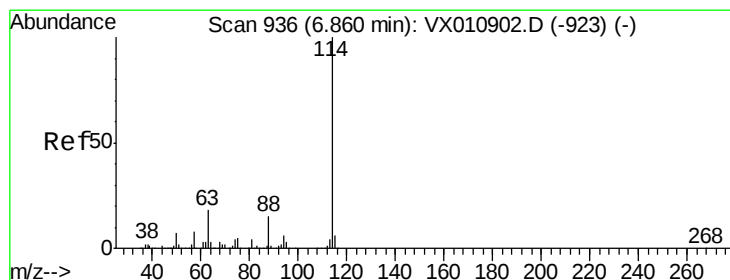
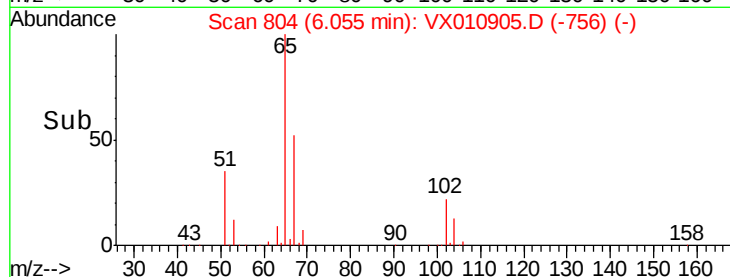
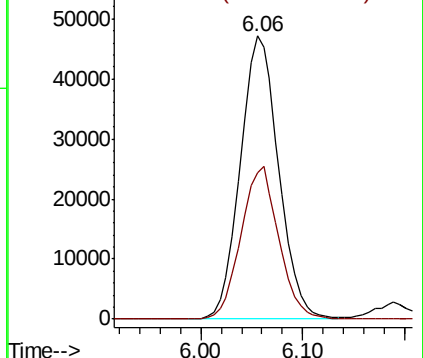
65 100

67 53.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

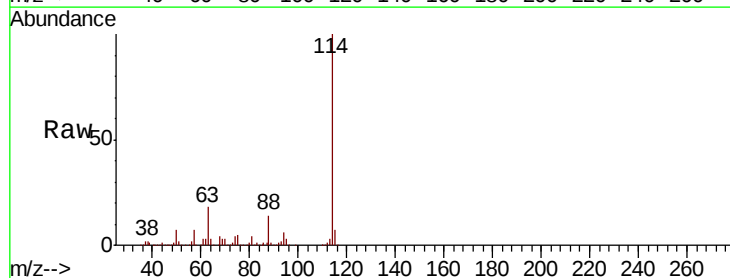
Tgt Ion: 114 Resp: 360770

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

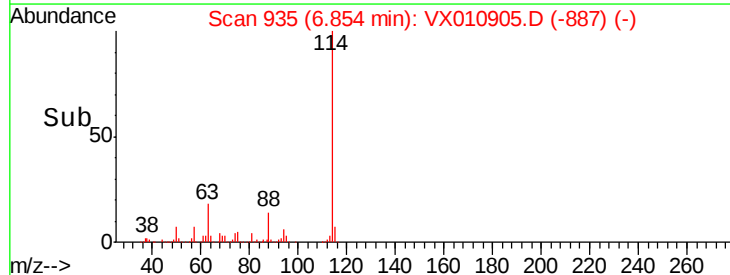
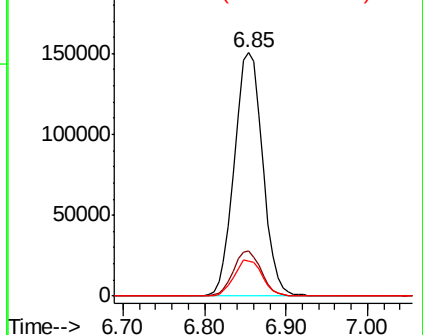
88 14.3 0.0 29.8

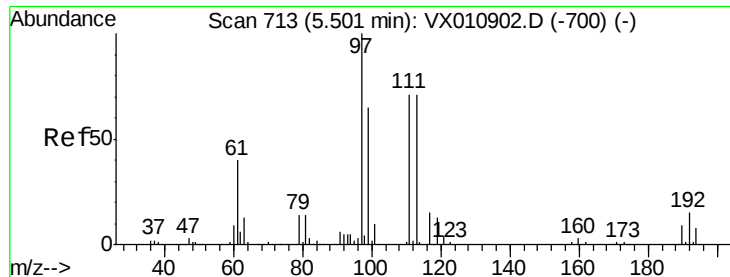


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.370 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

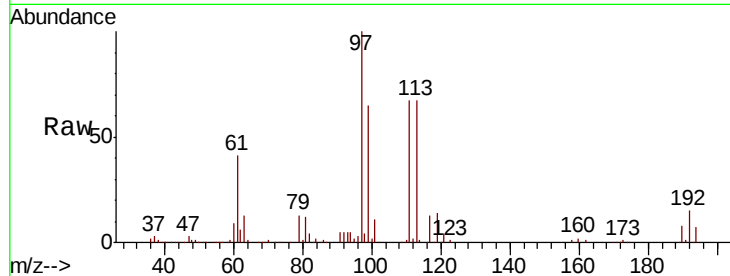
Tot Ion:113 Resp: 110761

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

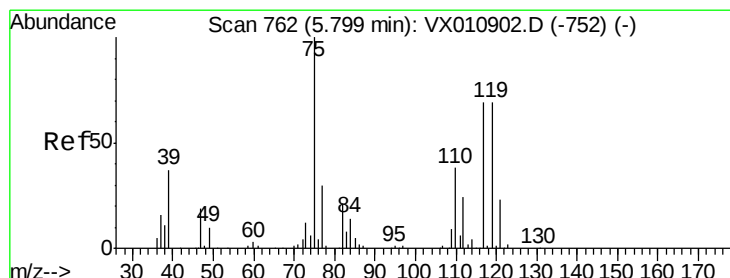
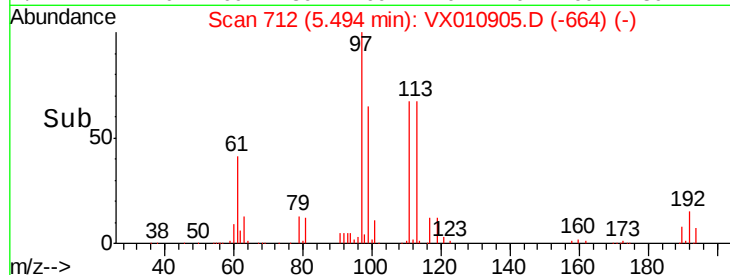
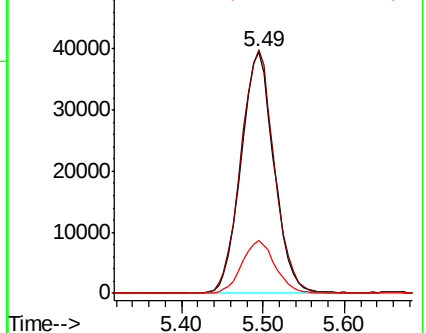
192 22.2 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.781 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

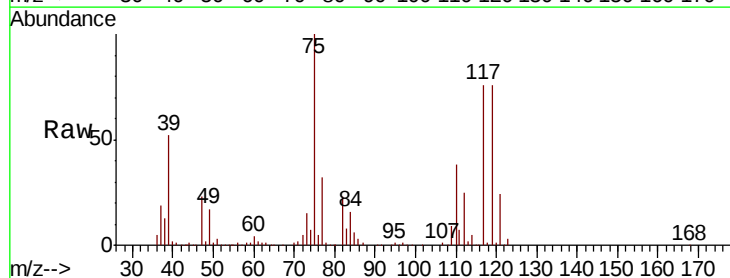
Tgt Ion: 75 Resp: 153449

Ion Ratio Lower Upper

75 100

110 39.3 19.9 59.7

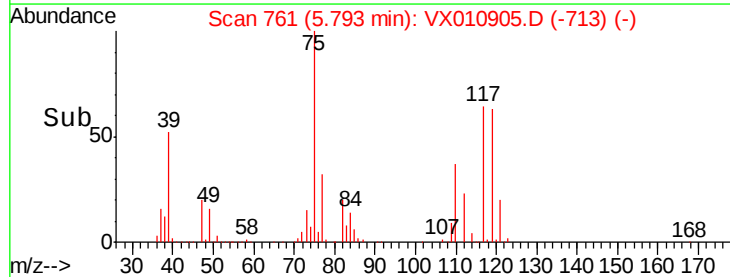
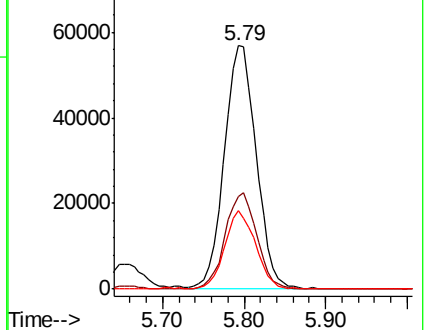
77 31.3 25.0 37.4

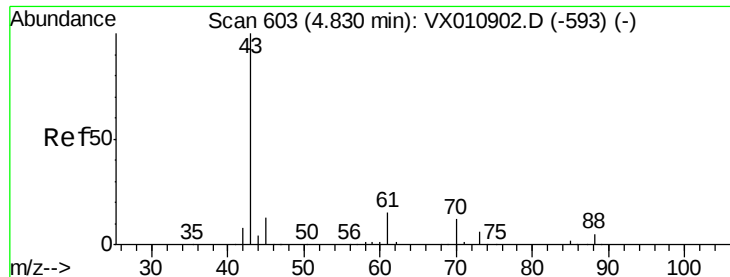


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.289 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

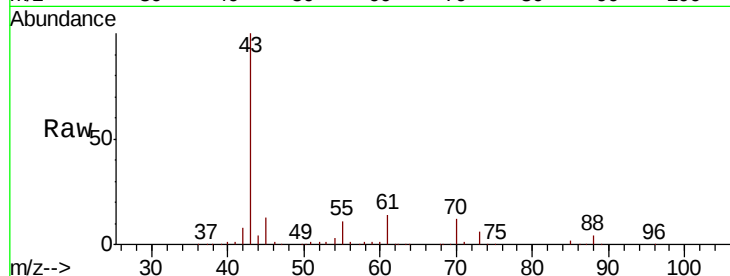
Tot Ion: 43 Resp: 149564

Ion Ratio Lower Upper

43 100

61 14.4 11.6 17.4

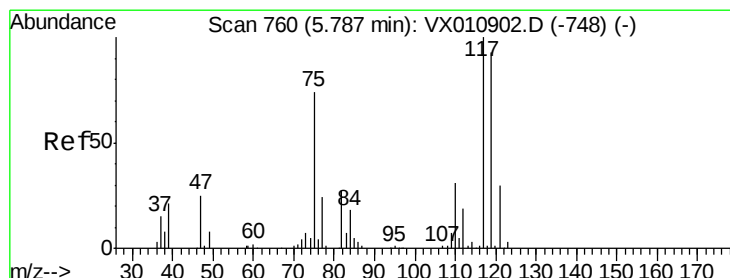
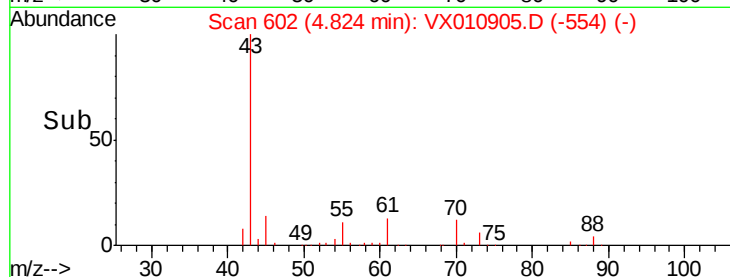
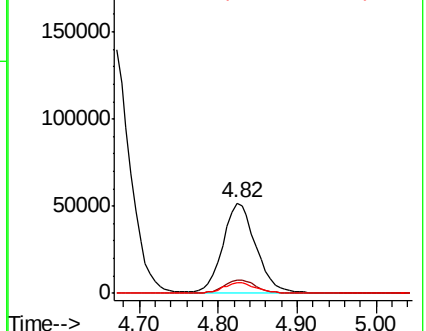
70 11.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 53.385 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

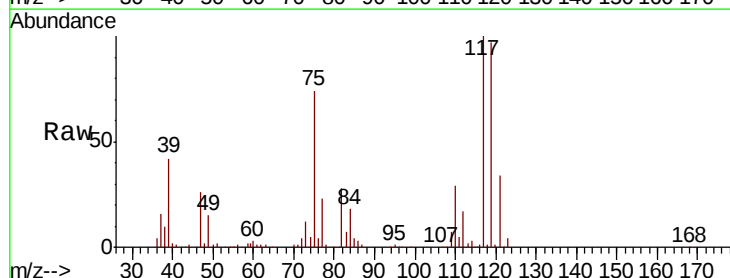
Tgt Ion: 117 Resp: 164853

Ion Ratio Lower Upper

117 100

119 96.5 74.2 111.2

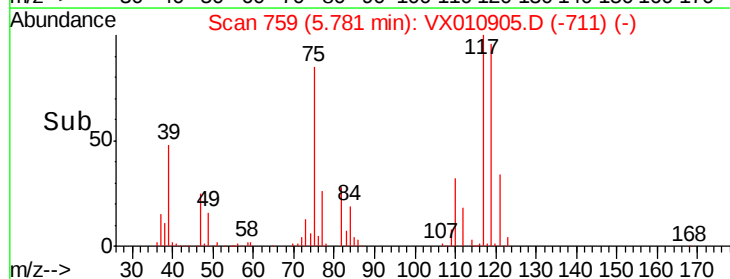
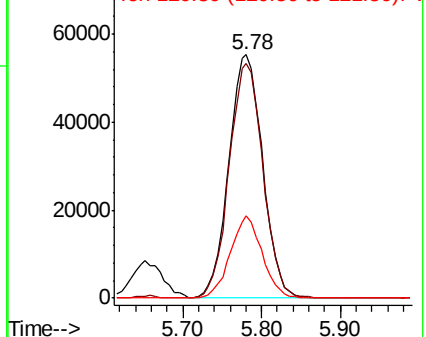
121 33.9 24.2 36.2

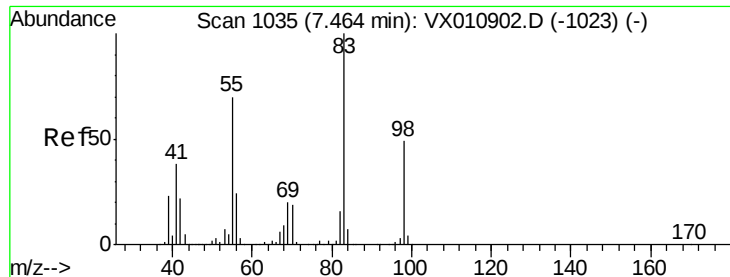


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

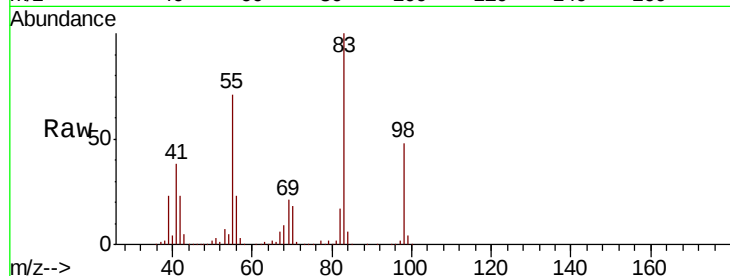




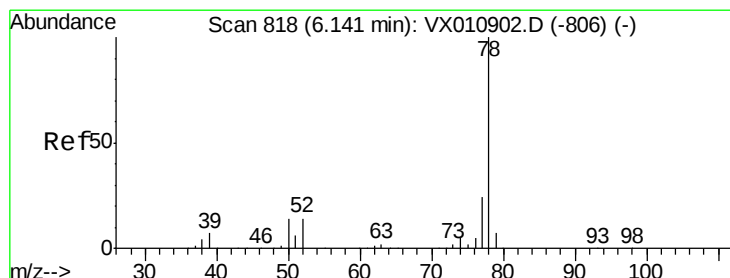
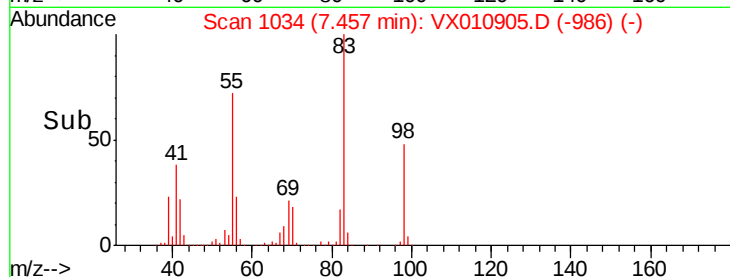
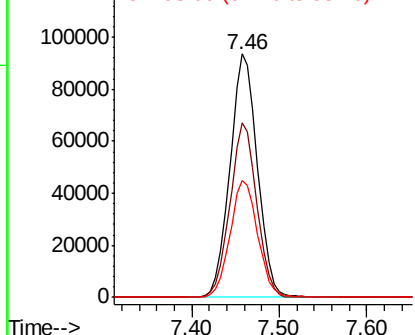
#39
Methvlcvclohexane
Concen: 53.064 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

Tot Ion: 83 Resp: 203922
Ion Ratio Lower Upper
83 100
55 71.4 56.2 84.4
98 47.9 39.0 58.4

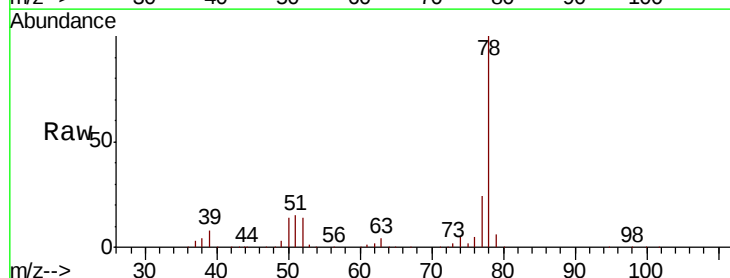


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

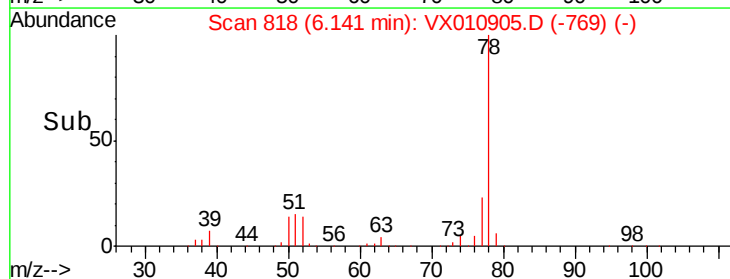
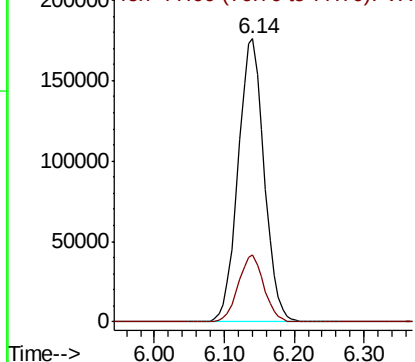


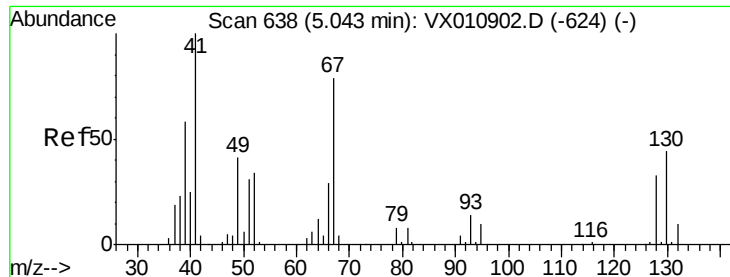
#40
Benzene
Concen: 50.130 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion: 78 Resp: 455052
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



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





#41

Methacrylonitrile

Concen: 46.372 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

Tot Ion: 41 Resp: 79879

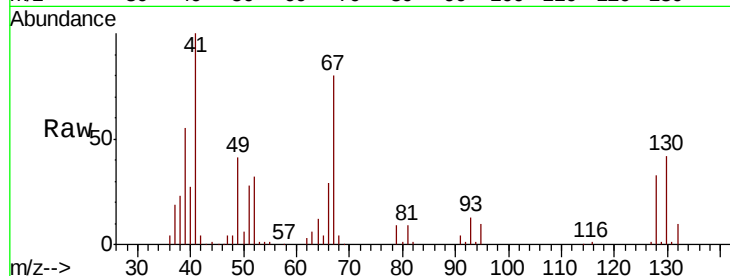
Ion Ratio Lower Upper

41 100

39 57.2 45.4 68.2

67 81.8 65.9 98.9

52 32.7 26.2 39.2

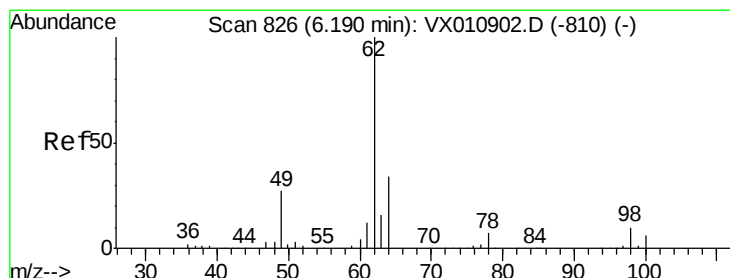
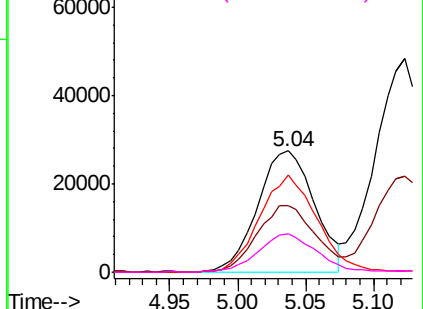
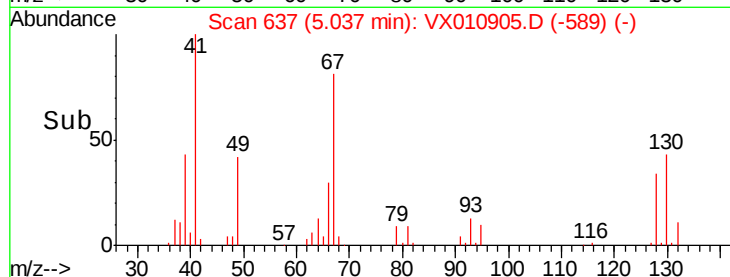


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.547 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX010905.D

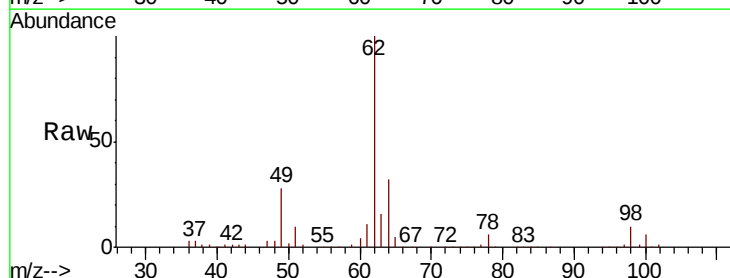
Acq: 16 Jul 2019 13:33

Tgt Ion: 62 Resp: 159536

Ion Ratio Lower Upper

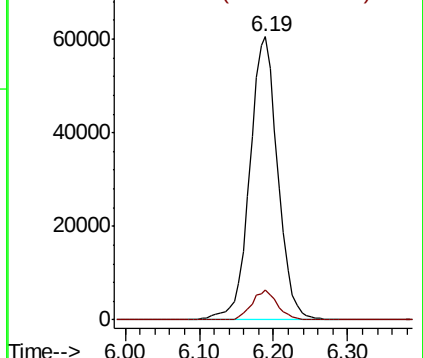
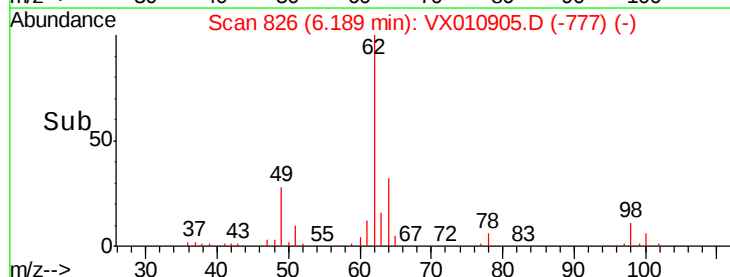
62 100

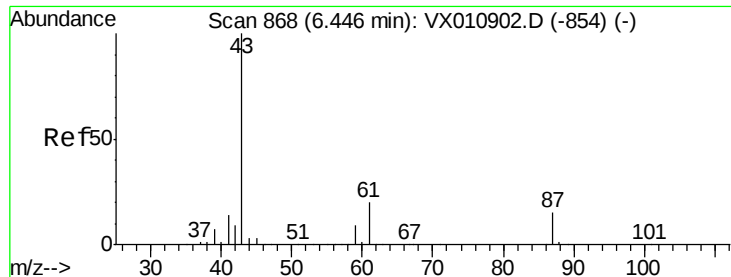
98 9.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



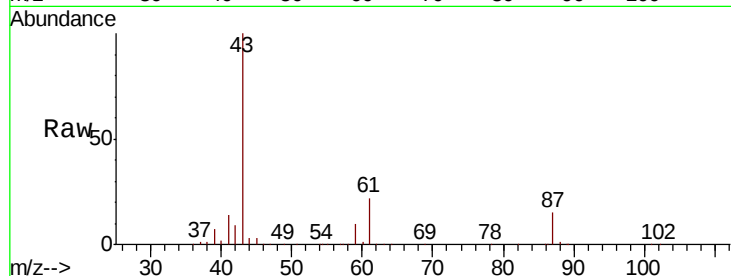


#43

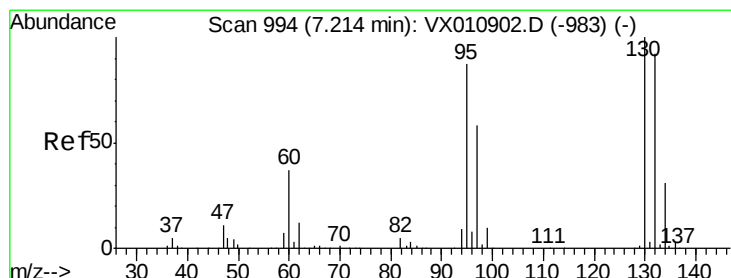
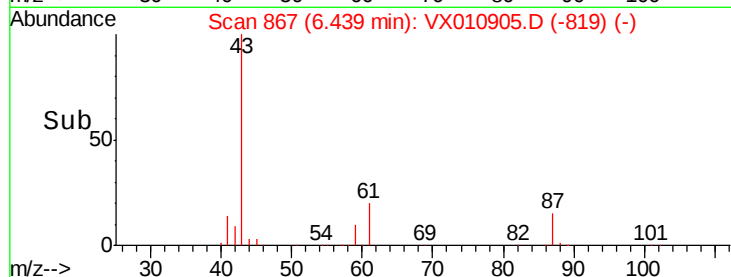
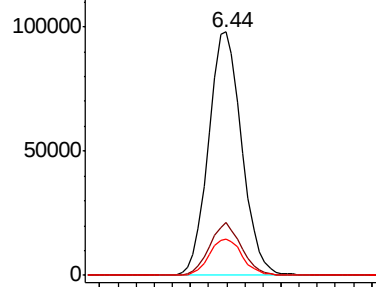
Isopropyl Acetate
 Concen: 49.521 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX071619

Tot Ion	43	Resp	247088
Ion Ratio	Lower	Upper	
43	100		
61	20.9	17.1	25.7
87	14.9	12.0	18.0



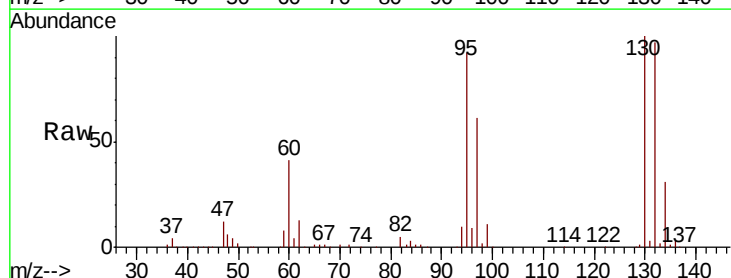
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



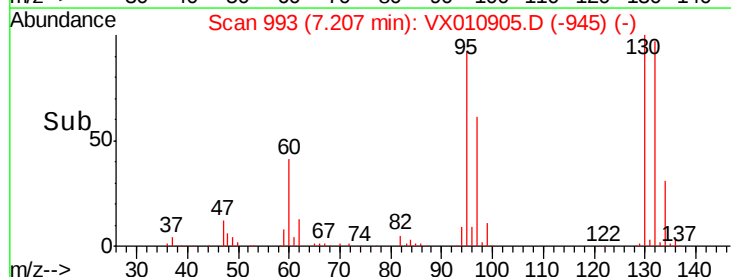
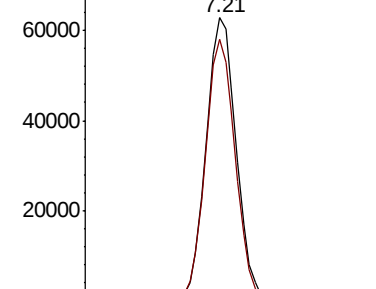
#44

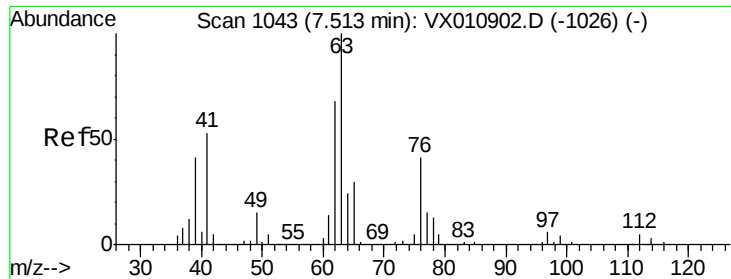
Trichloroethene
 Concen: 50.179 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

Tgt Ion	130	Resp	134831
Ion Ratio	Lower	Upper	
130	100		
95	92.4	0.0	174.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

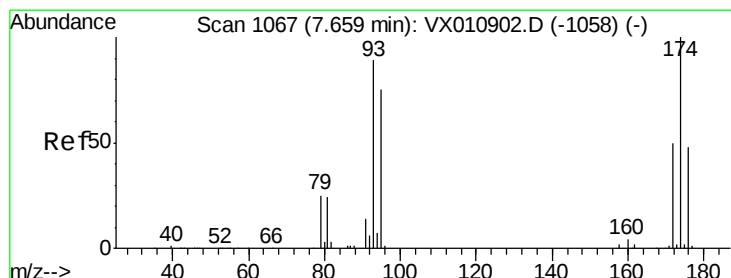
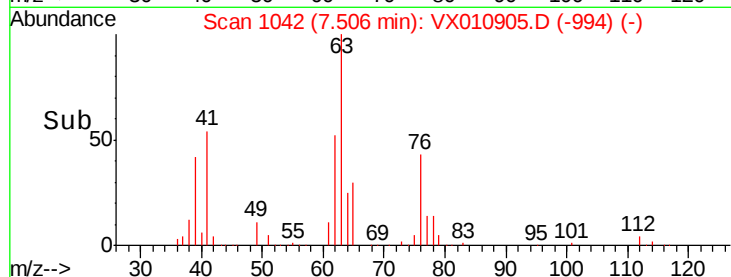
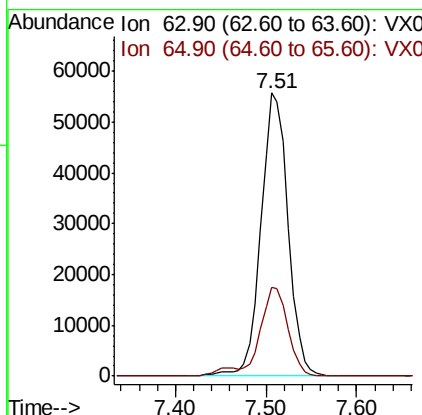
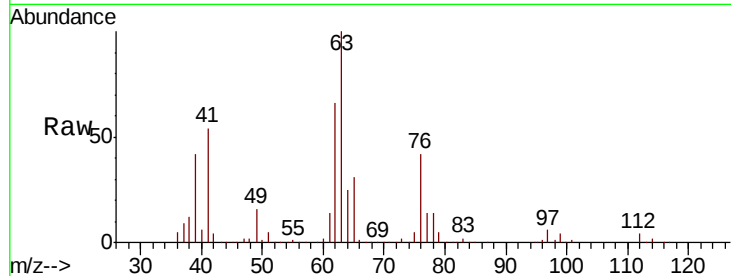




#45
 1,2-Dichloropropane
 Concen: 49.740 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

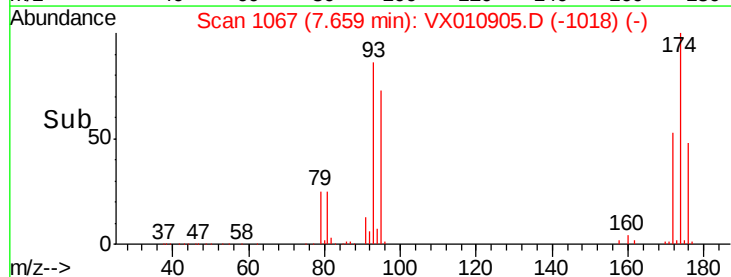
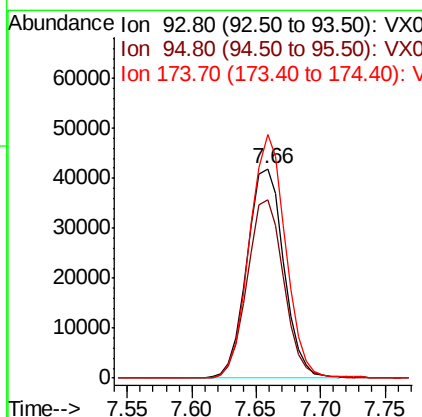
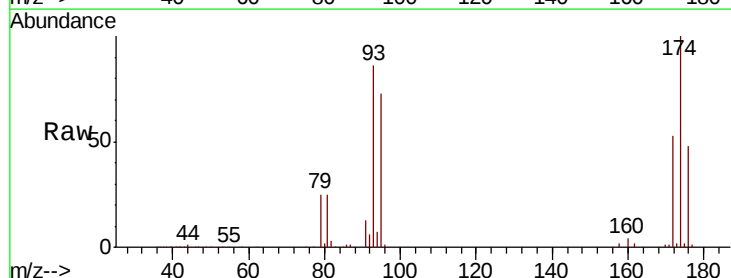
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071619

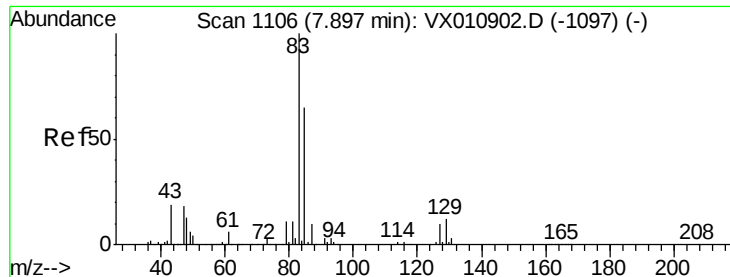
Tot Ion: 63 Resp: 114919
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.4 36.6



#46
 Dibromomethane
 Concen: 50.252 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

Tgt Ion: 93 Resp: 82963
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.2 100.8
 174 113.8 90.6 135.8





#47

Bromodichloromethane

Concen: 53.587 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

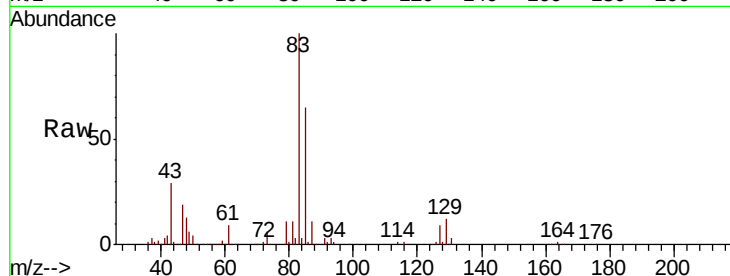
Tot Ion: 83 Resp: 157480

Ion Ratio Lower Upper

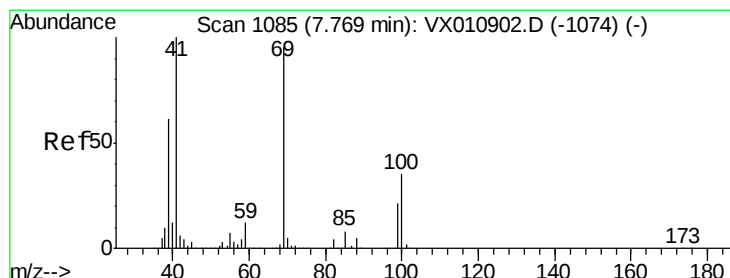
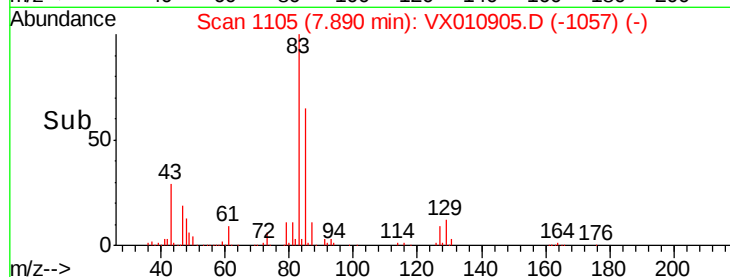
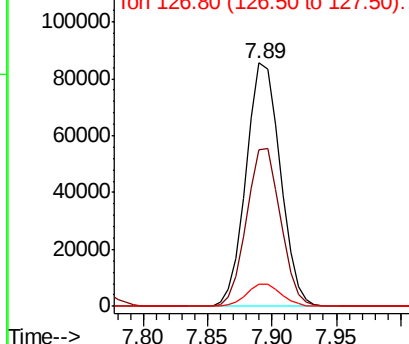
83 100

85 64.5 52.5 78.7

127 9.3 7.8 11.8



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): VX0



#48

Methyl methacrylate

Concen: 50.299 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

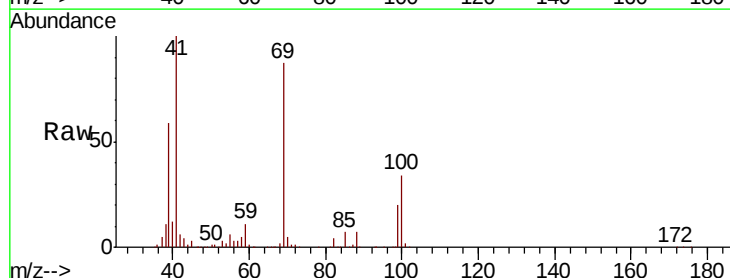
Tgt Ion: 41 Resp: 122259

Ion Ratio Lower Upper

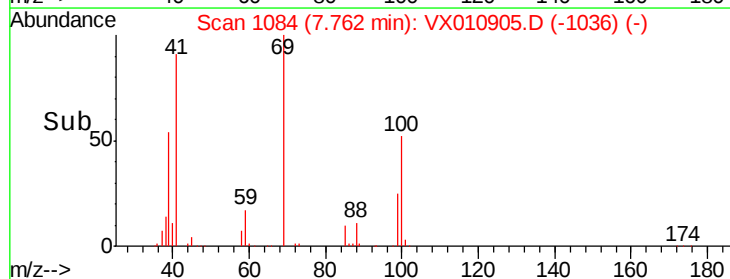
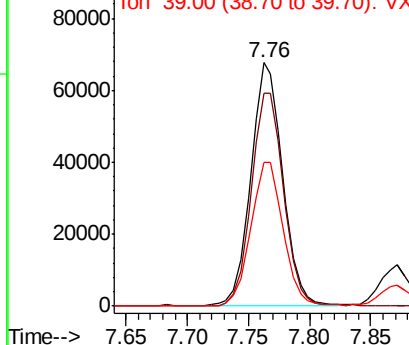
41 100

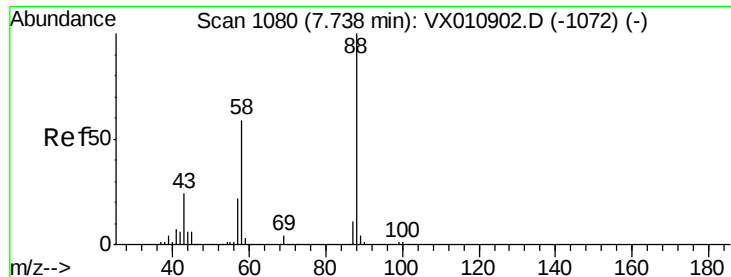
69 89.9 74.4 111.6

39 60.2 48.9 73.3



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: 961.922 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

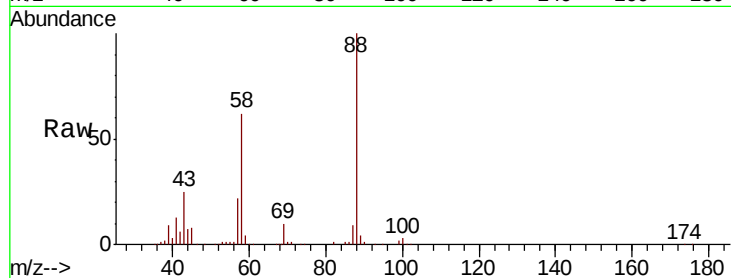
Tot Ion: 88 Resp: 65402

Ion Ratio Lower Upper

88 100

43 29.0 22.9 34.3

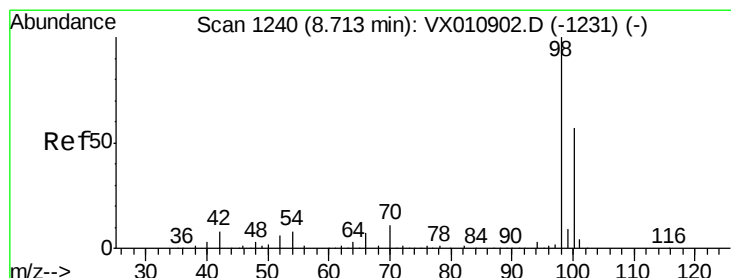
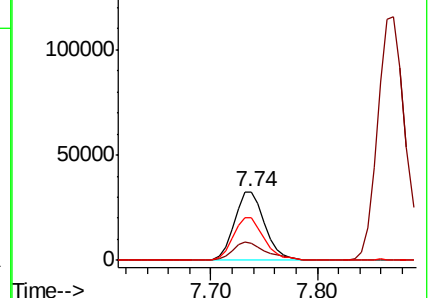
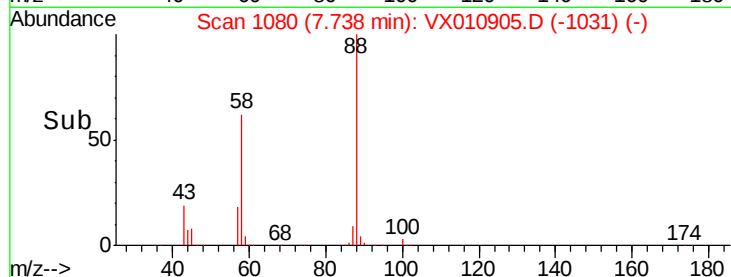
58 62.5 49.8 74.8



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: 48.311 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010905.D

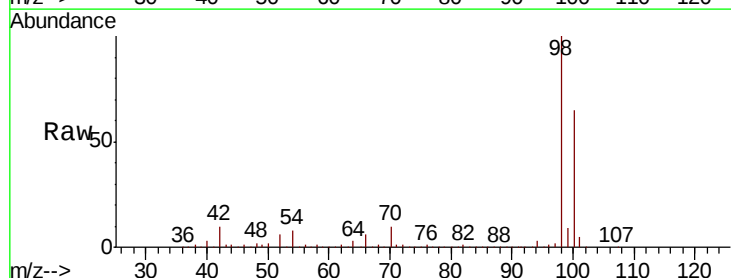
Acq: 16 Jul 2019 13:33

Tgt Ion: 98 Resp: 414918

Ion Ratio Lower Upper

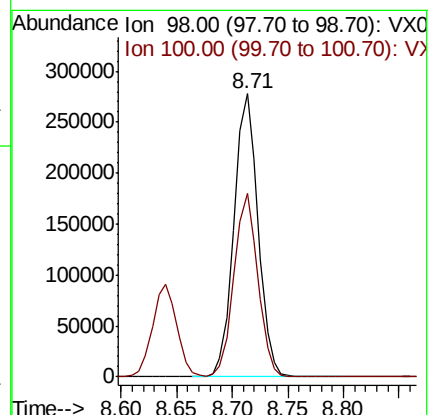
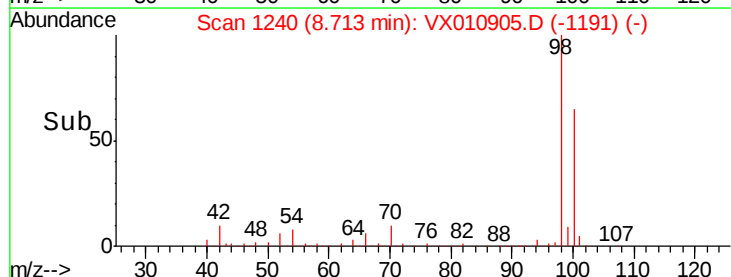
98 100

100 64.4 50.6 75.8



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: 246.698 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

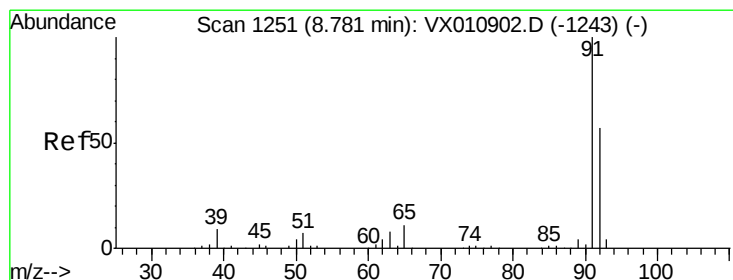
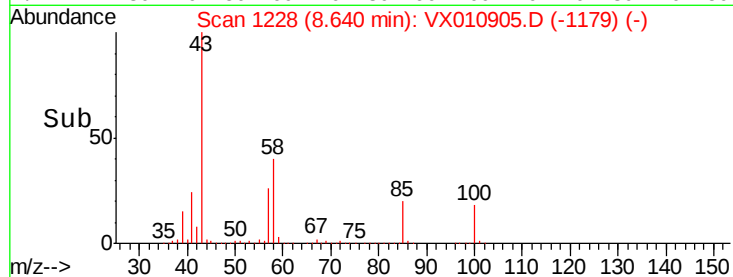
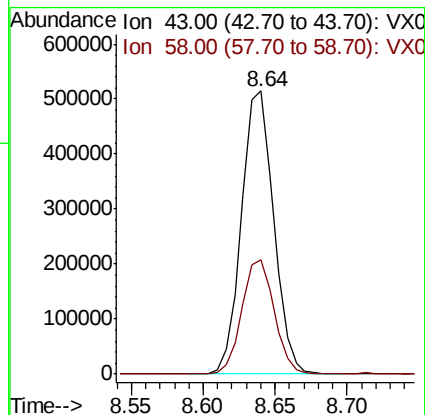
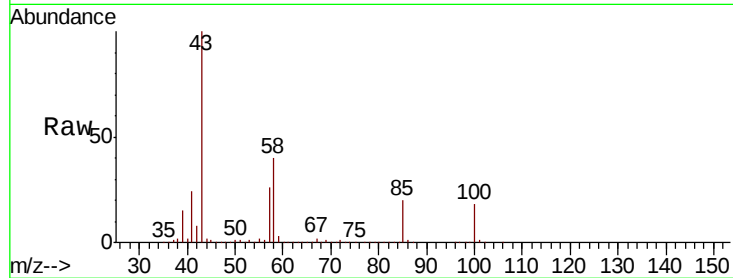
ICVVX071619

Tot Ion: 43 Resp: 797920

Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.4



#52

Toluene

Concen: 50.258 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010905.D

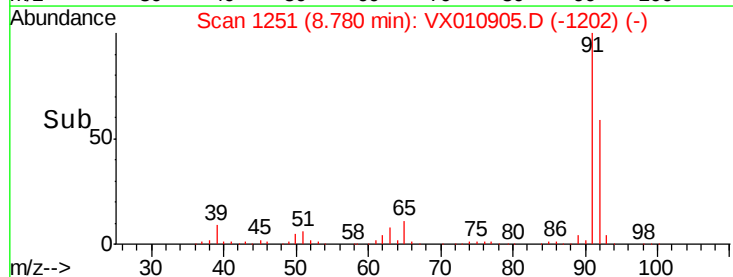
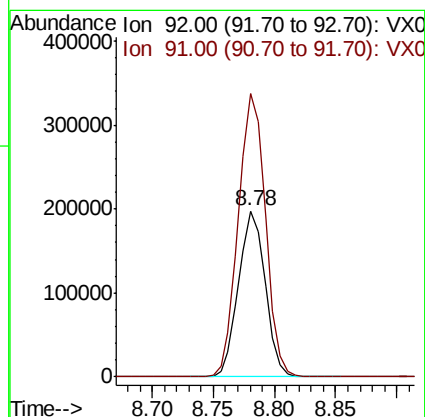
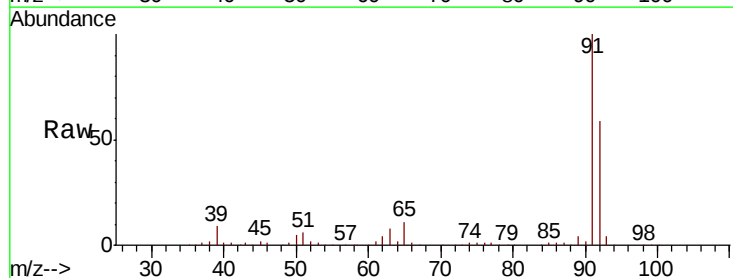
Acq: 16 Jul 2019 13:33

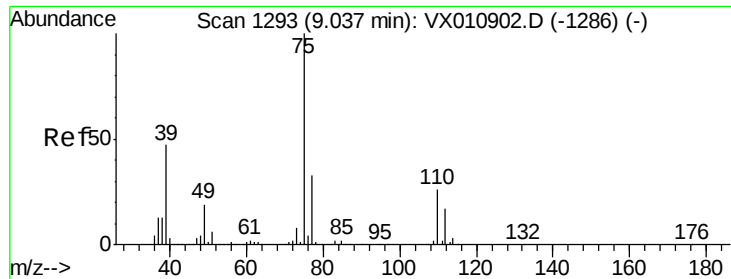
Tgt Ion: 92 Resp: 299700

Ion Ratio Lower Upper

92 100

91 173.4 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 54.742 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampled :

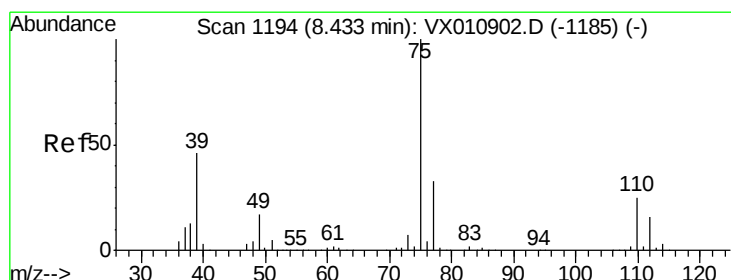
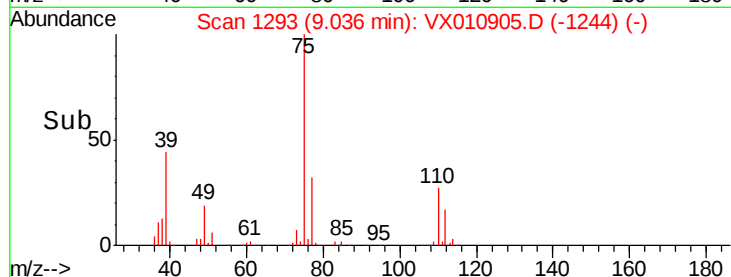
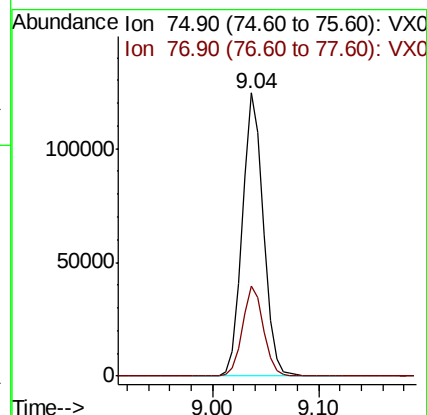
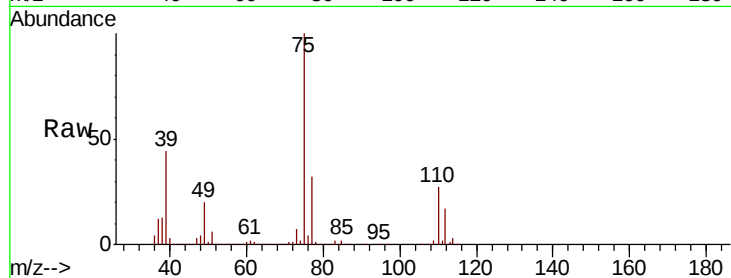
ICVVX071619

Tot Ion: 75 Resp: 172983

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 53.680 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

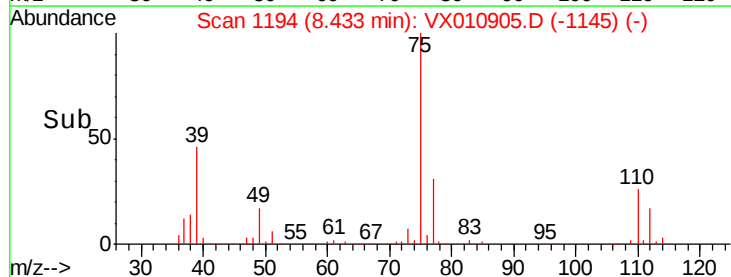
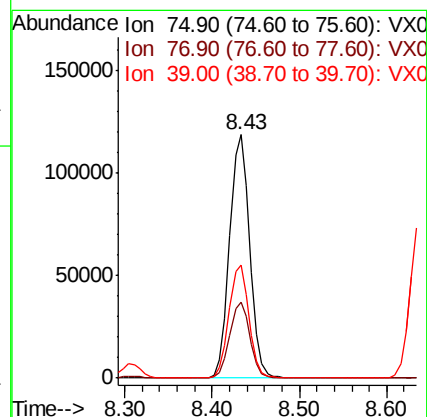
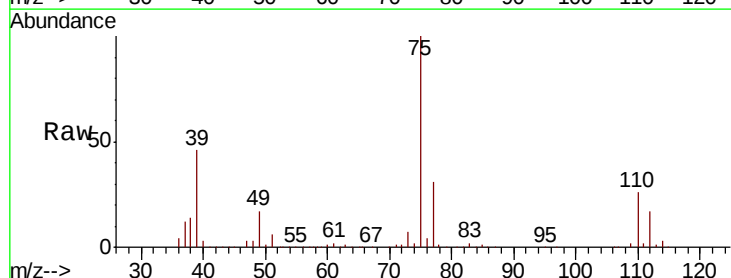
Tgt Ion: 75 Resp: 188748

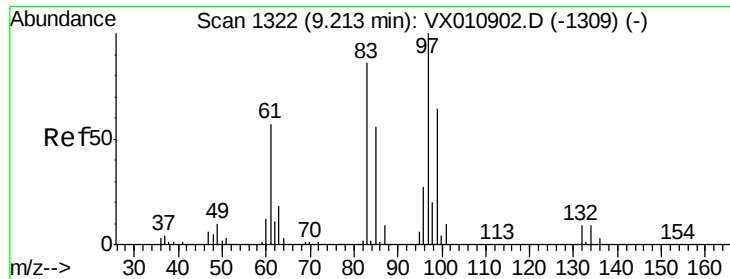
Ion Ratio Lower Upper

75 100

77 31.2 26.1 39.1

39 46.2 36.6 54.8

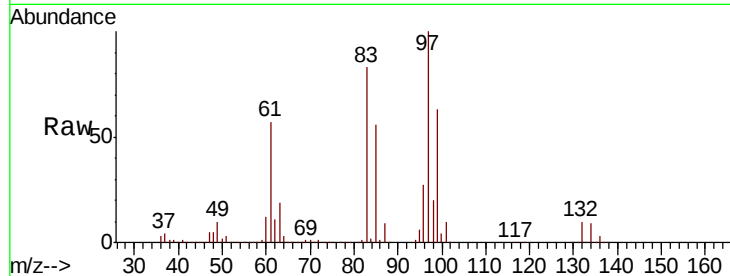




#55
 1,1,2-Trichloroethane
 Concen: 49.322 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071619

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.2	103.8
85	55.5	44.6	66.8
99	63.3	51.2	76.8



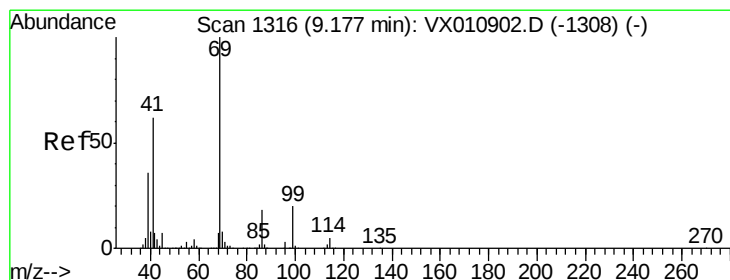
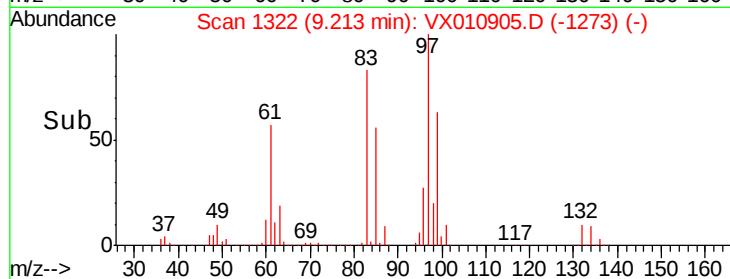
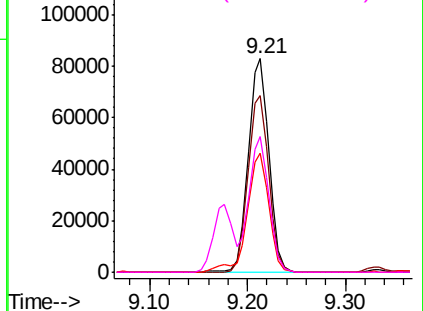
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

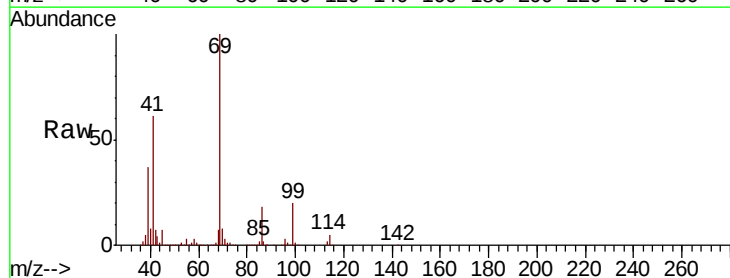
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.277 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.7	74.5
39	36.7	29.6	44.4

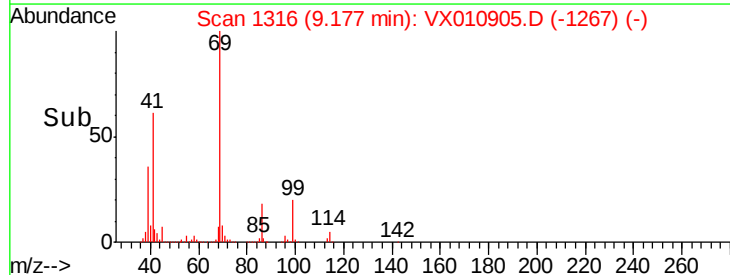
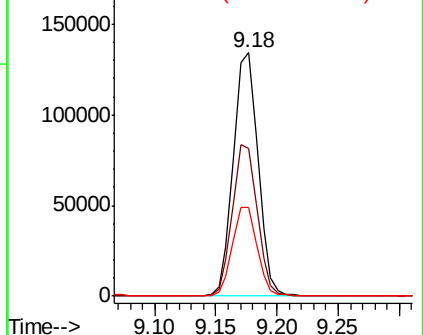


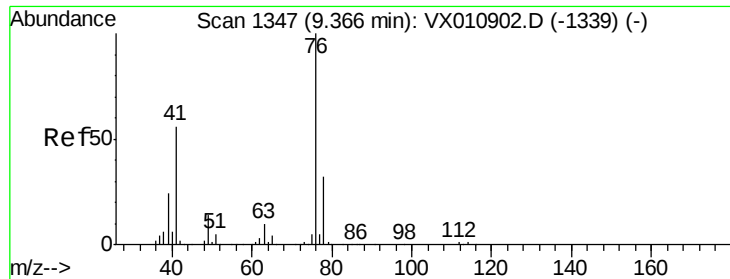
Abundance

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: 49.518 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

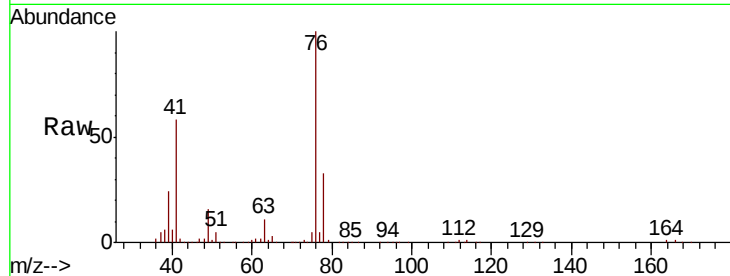
ICVVX071619

Tot Ion: 76 Resp: 192876

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

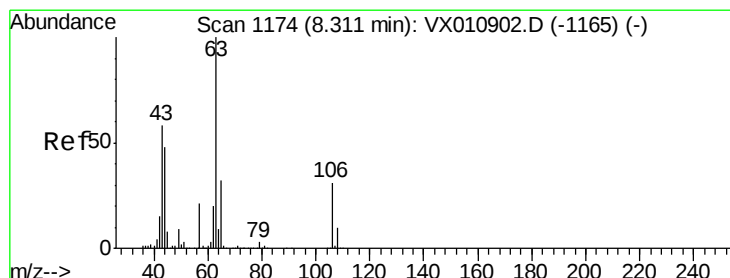
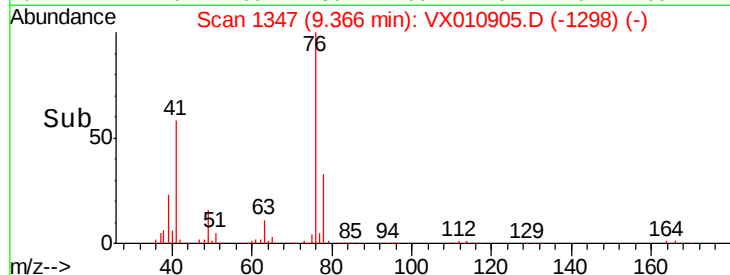
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 283.891 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010905.D

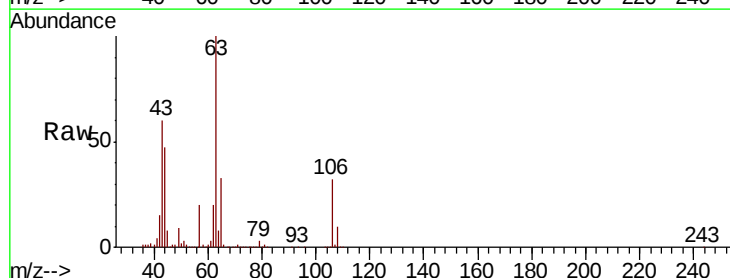
Acq: 16 Jul 2019 13:33

Tgt Ion: 63 Resp: 486728

Ion Ratio Lower Upper

63 100

106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

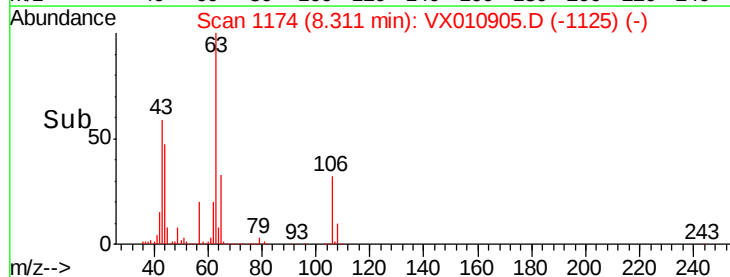
200000

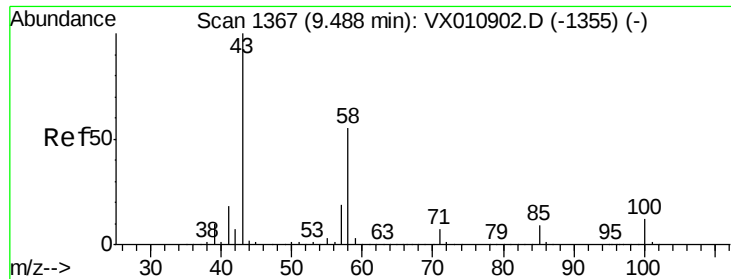
100000

0

8.20 8.25 8.30 8.35 8.40

Time-->

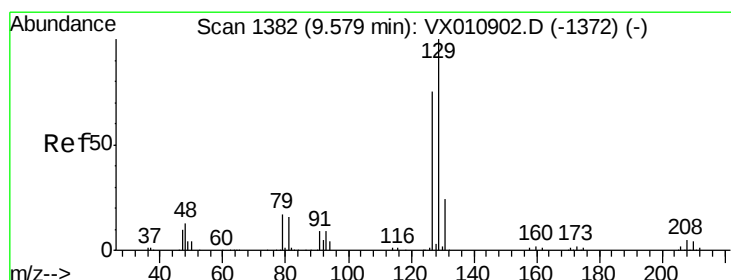
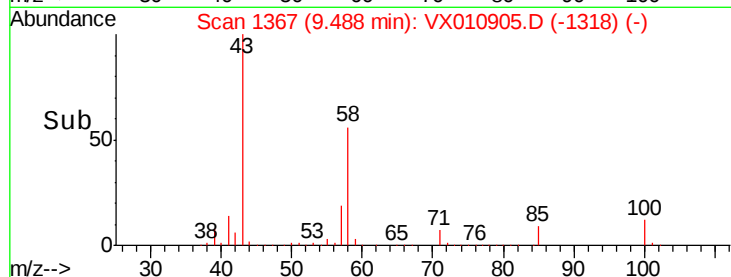
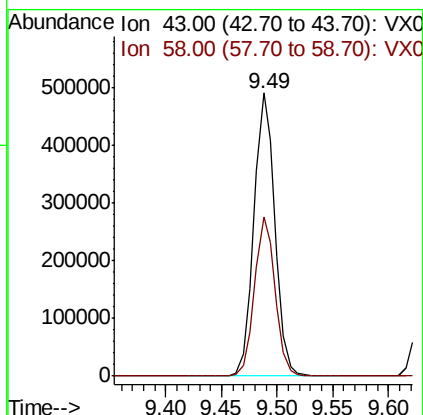
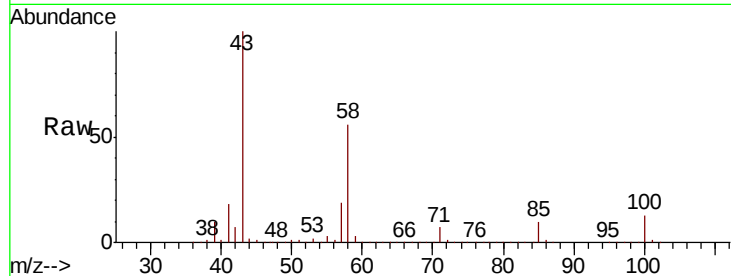




#59
2-Hexanone
Concen: 256.679 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

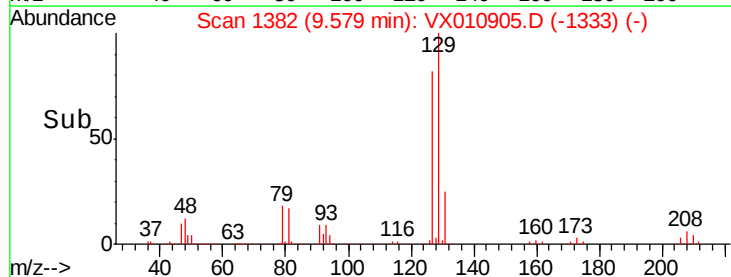
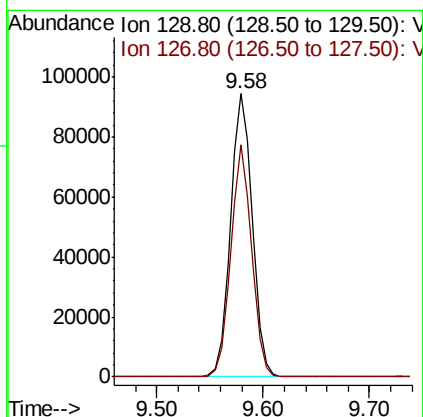
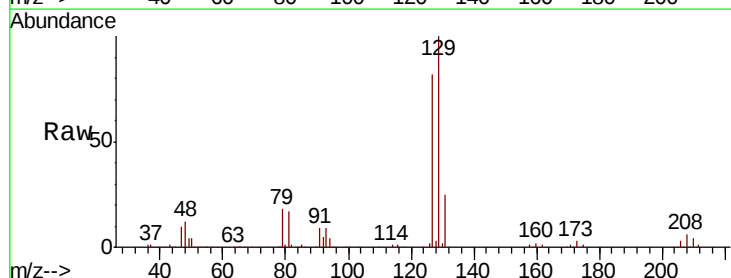
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

Tot Ion: 43 Resp: 643918
Ion Ratio Lower Upper
43 100
58 55.7 28.0 83.9



#60
Dibromochloromethane
Concen: 47.997 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion:129 Resp: 135329
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.546 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

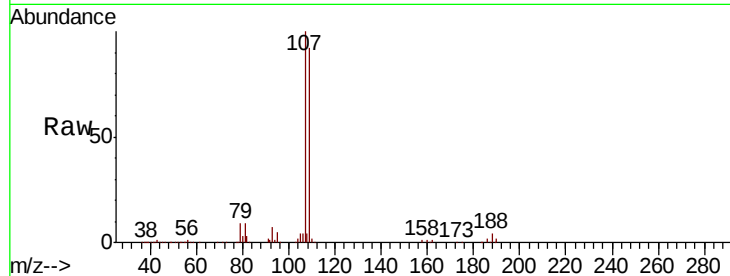
ICVVX071619

Tot Ion:107 Resp: 134317

Ion Ratio Lower Upper

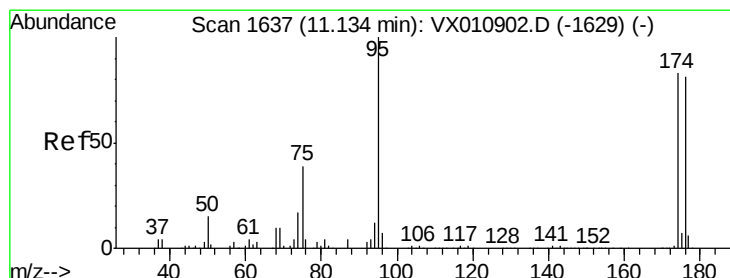
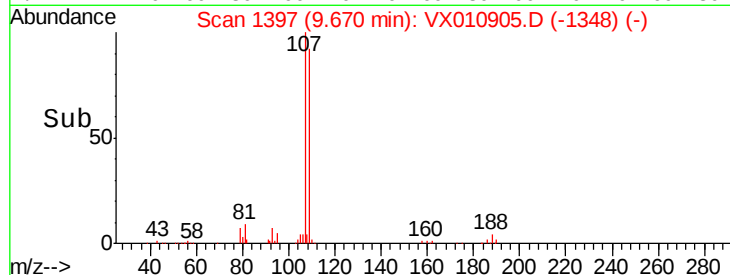
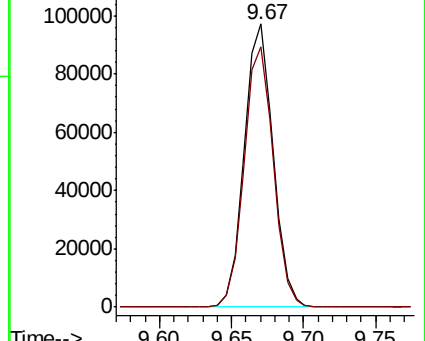
107 100

109 93.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.925 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

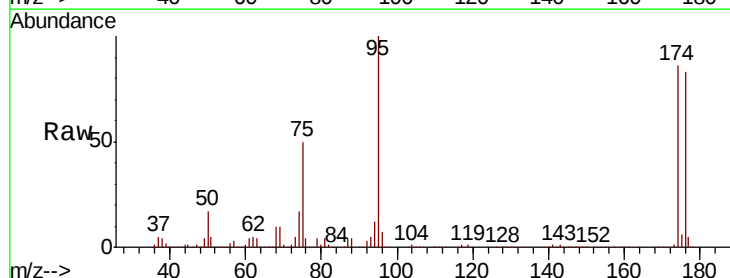
Tgt Ion: 95 Resp: 160763

Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.6

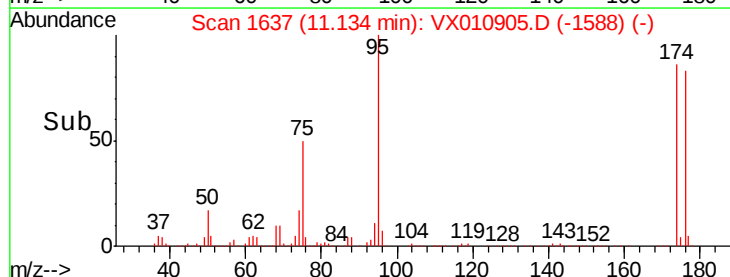
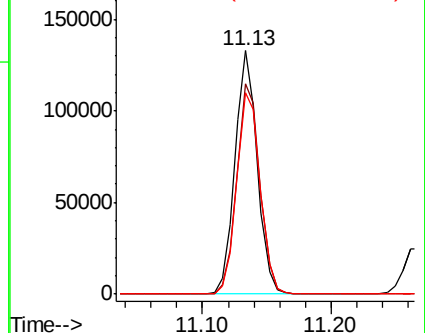
176 87.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

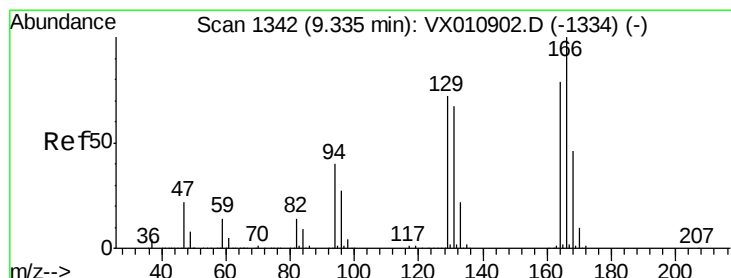
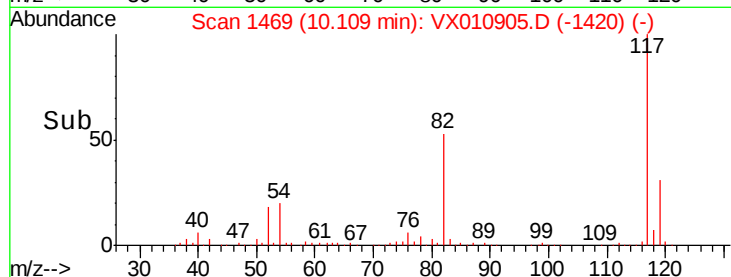
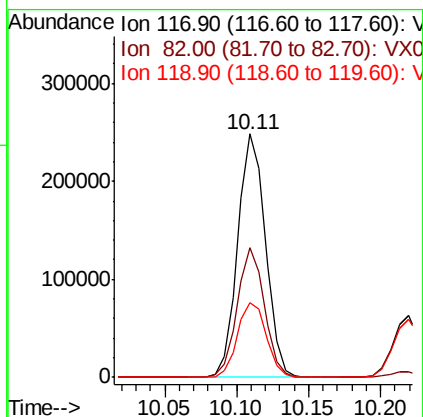
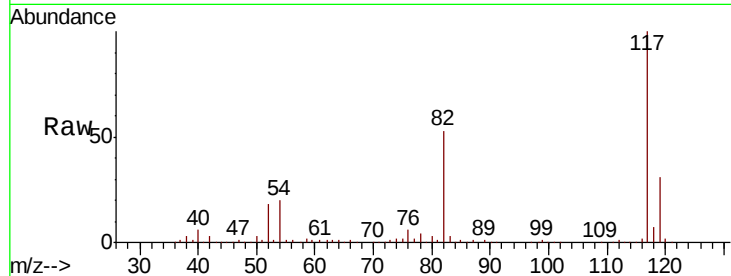




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

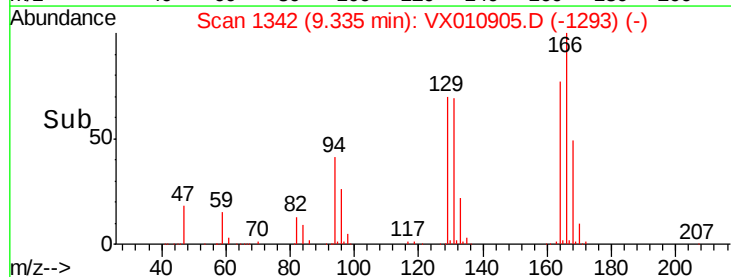
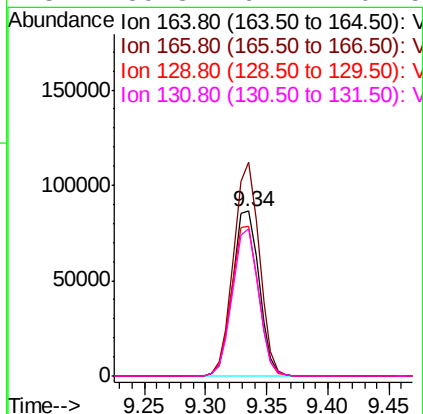
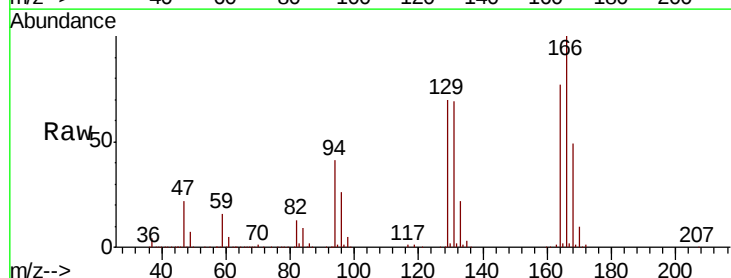
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

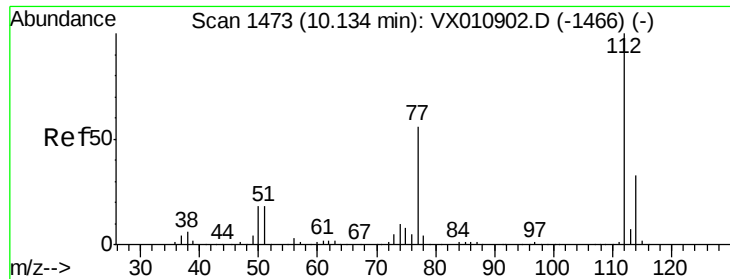
Tot Ion:117 Resp: 333397
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 30.6 25.9 38.9



#64
Tetrachloroethene
Concen: 49.546 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion:164 Resp: 129947
Ion Ratio Lower Upper
164 100
166 129.8 100.8 151.2
129 90.9 72.6 109.0
131 89.3 67.7 101.5

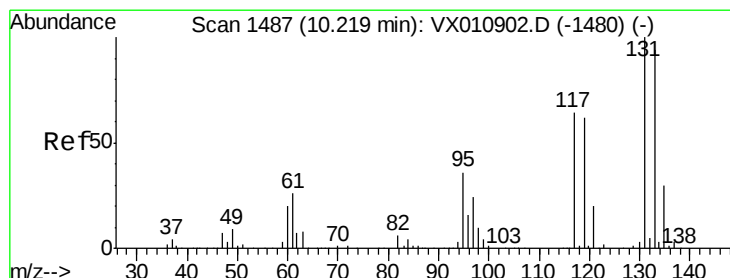
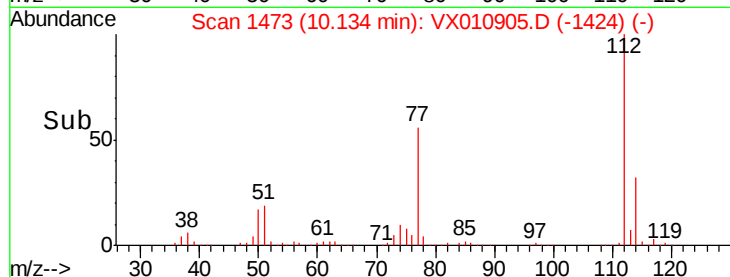
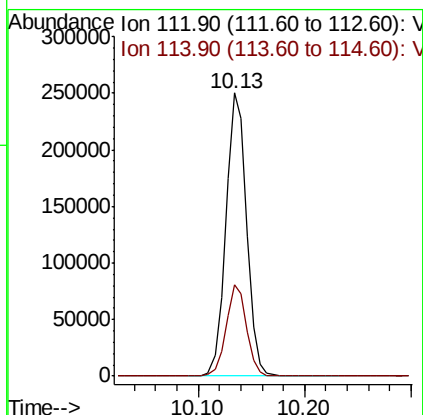
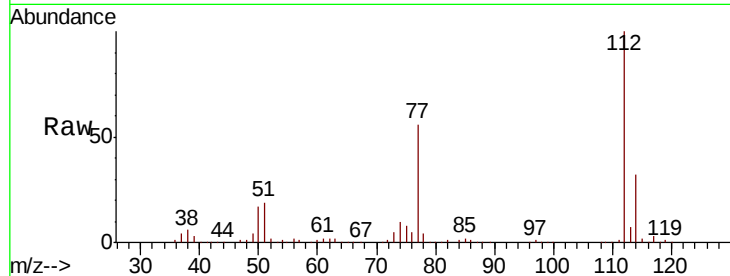




#65
Chlorobenzene
Concen: 49.576 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

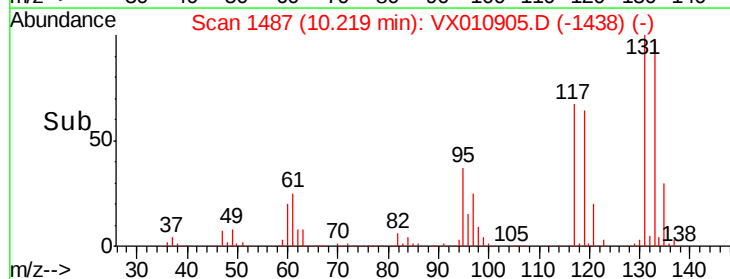
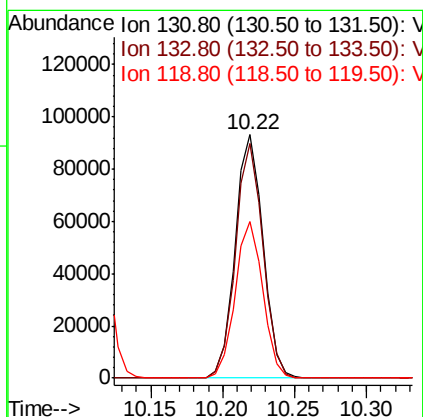
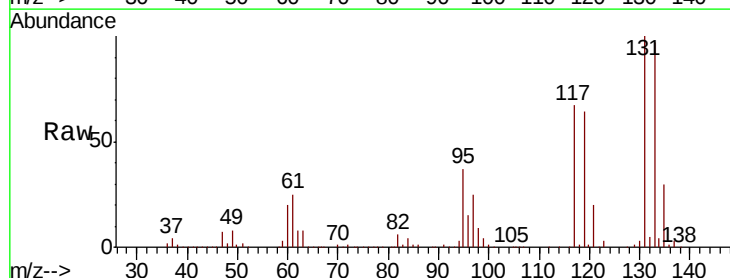
Instrument :
MSVOA_X
ClientSampled :
ICVVX071619

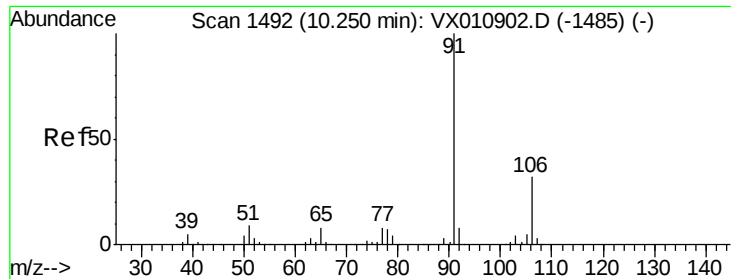
Tot Ion:112 Resp: 339482
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.126 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion:131 Resp: 125448
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 64.2 31.9 95.7

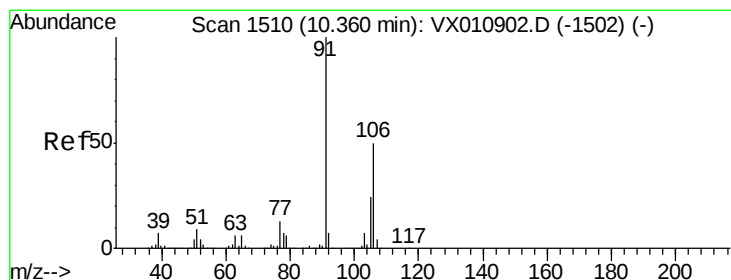
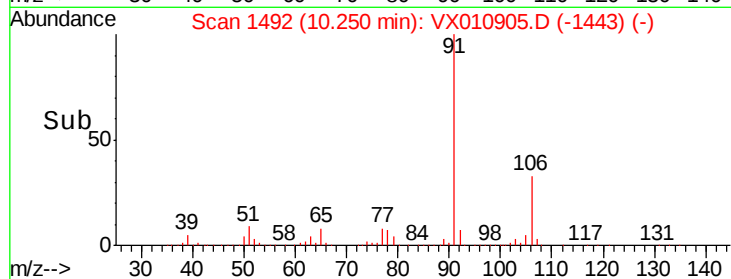
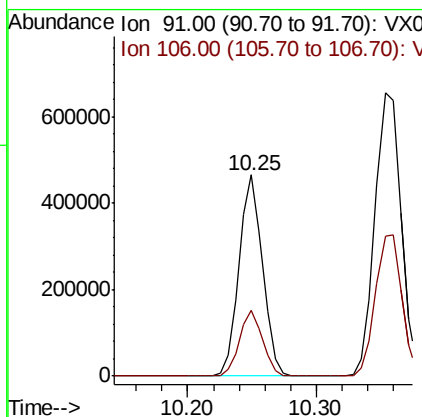
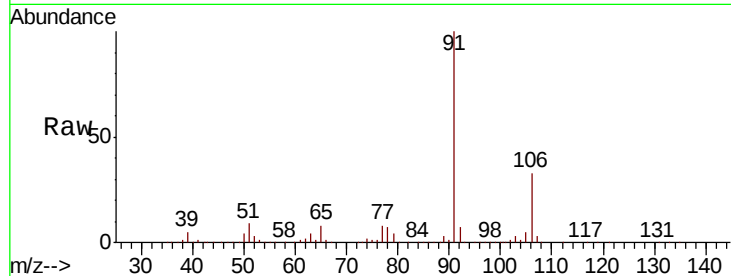




#67
Ethyl Benzene
Concen: 50.528 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

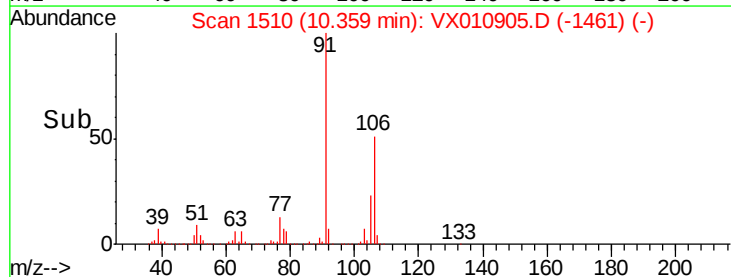
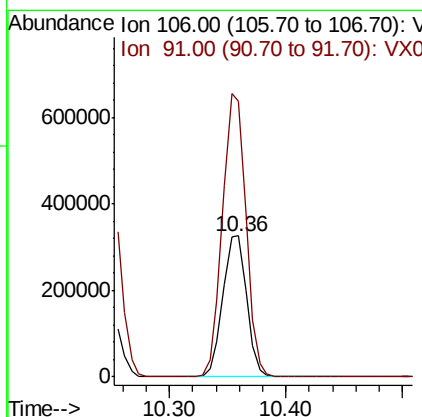
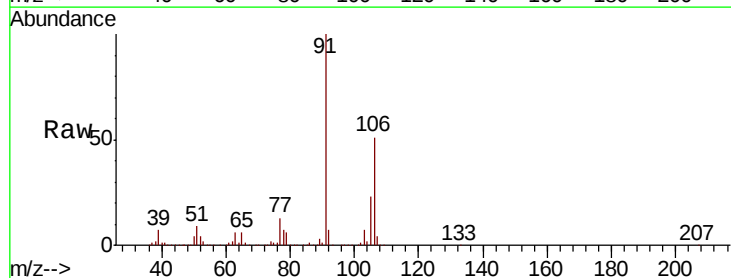
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

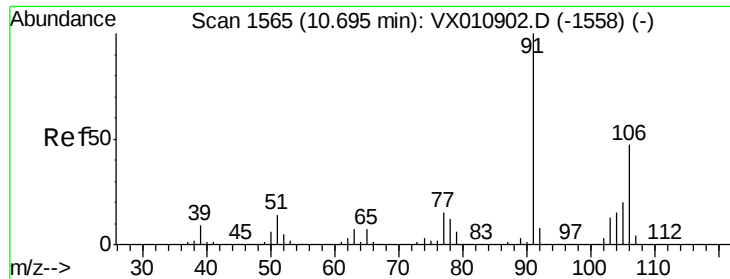
Tot Ion: 91 Resp: 588930
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2



#68
m/p-Xylenes
Concen: 103.217 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion: 106 Resp: 461483
Ion Ratio Lower Upper
106 100
91 198.8 160.1 240.1

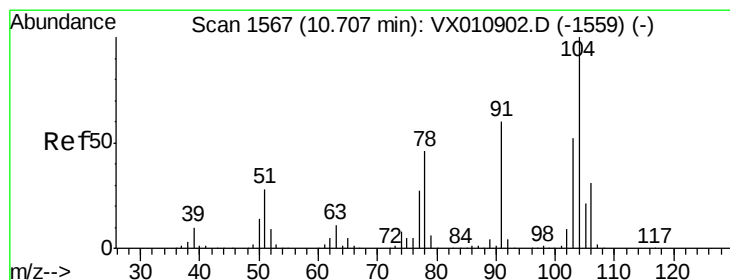
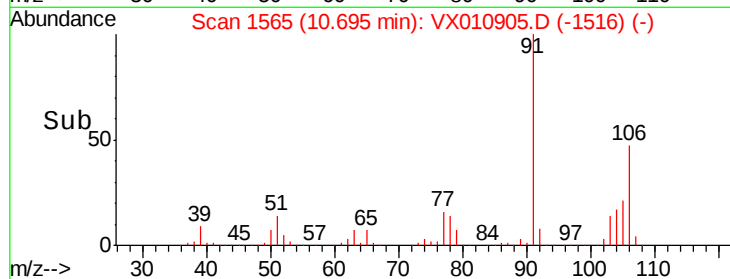
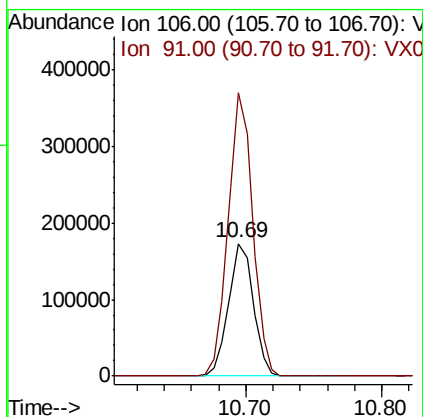
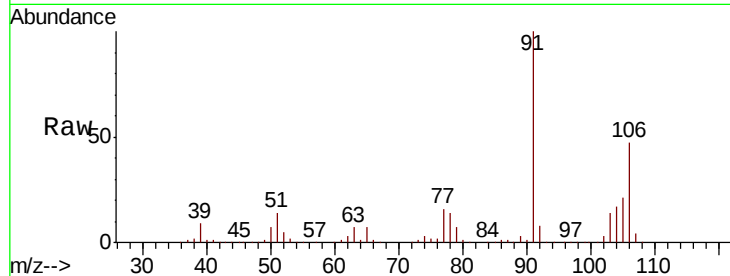




#69
o-Xylene
Concen: 50.486 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

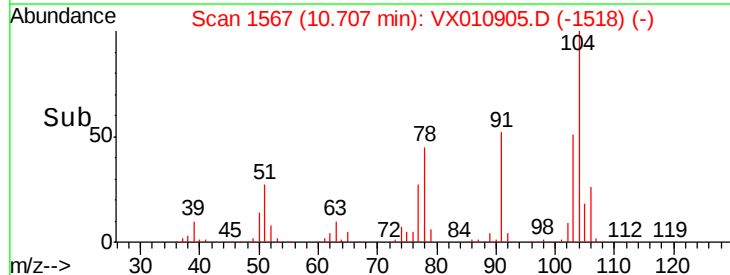
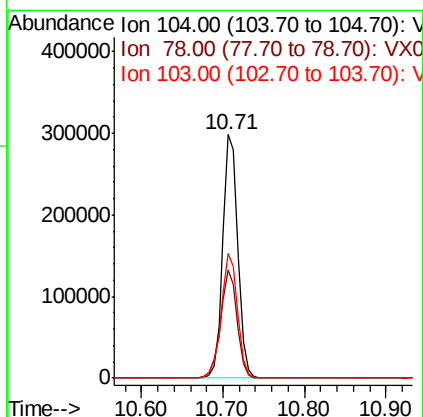
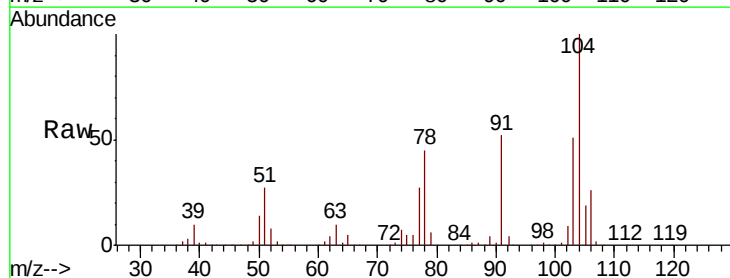
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

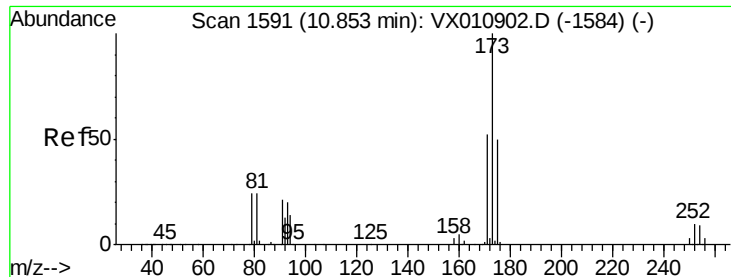
Tot Ion:106 Resp: 220295
Ion Ratio Lower Upper
106 100
91 211.4 105.1 315.3



#70
Styrene
Concen: 52.630 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion:104 Resp: 382823
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 47.976 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

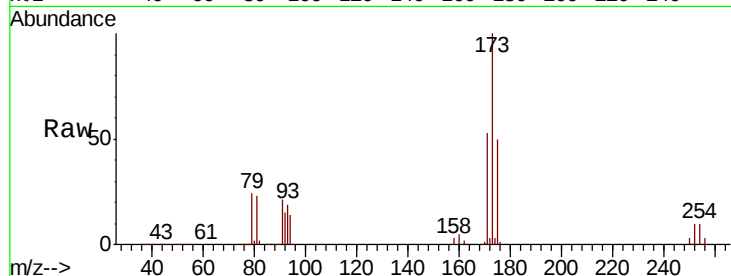
Tot Ion:173 Resp: 104892

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.6

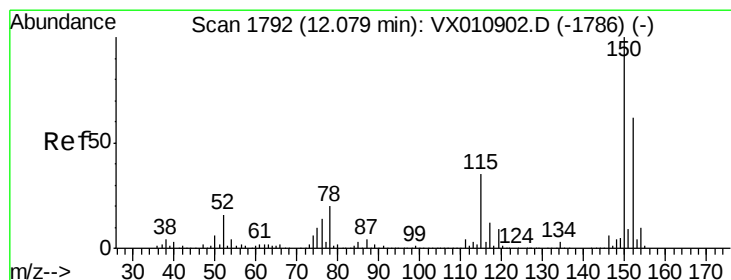
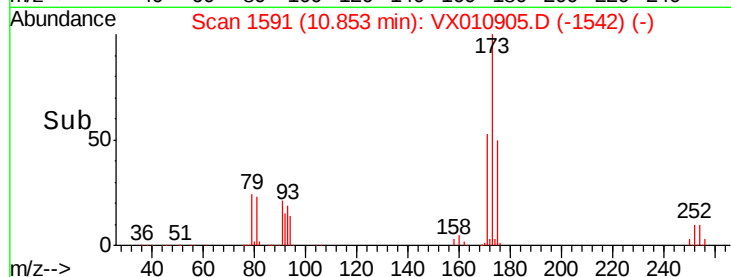
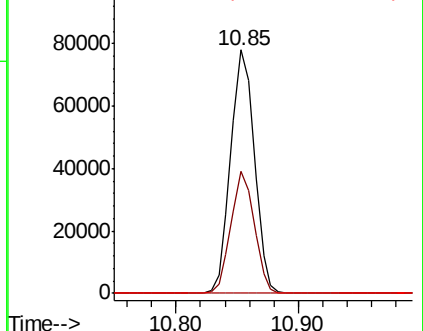
254 0.1 0.1 0.1



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# 1791

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

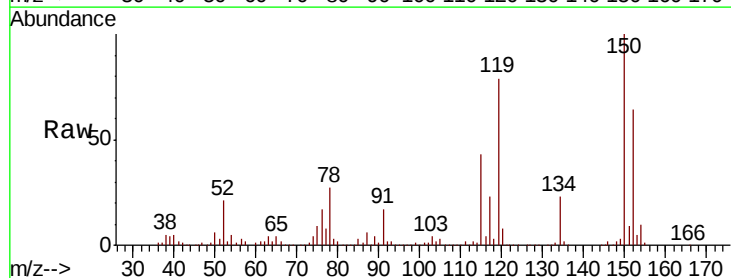
Tgt Ion:152 Resp: 179967

Ion Ratio Lower Upper

152 100

115 81.8 39.7 119.1

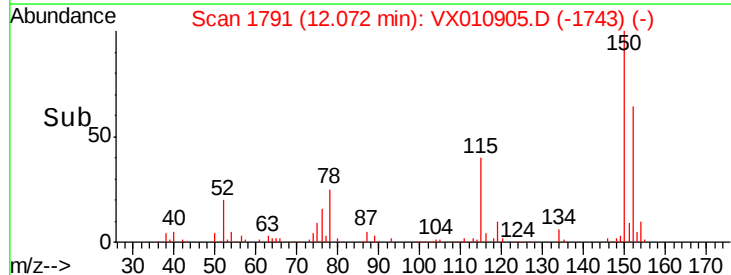
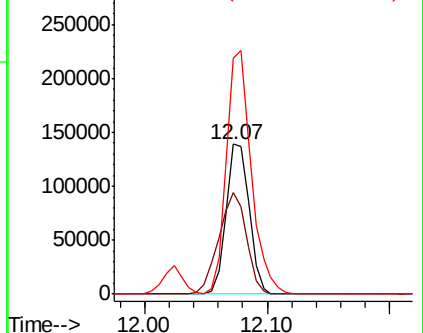
150 175.4 0.0 345.6

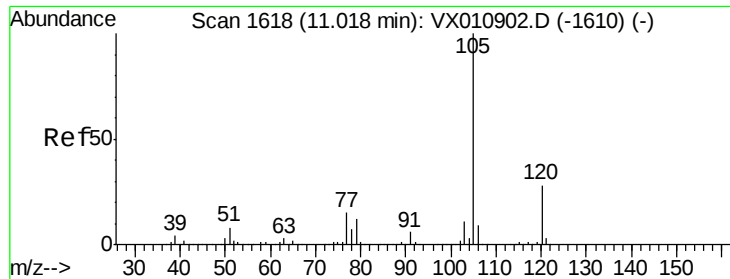


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.146 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

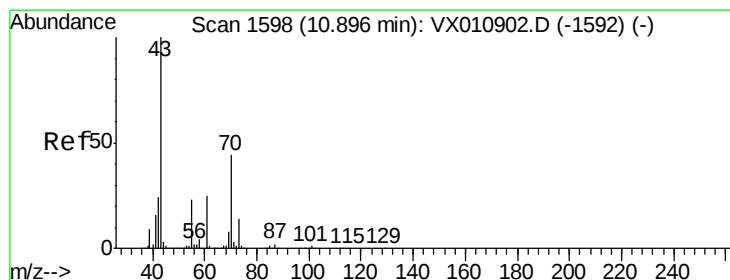
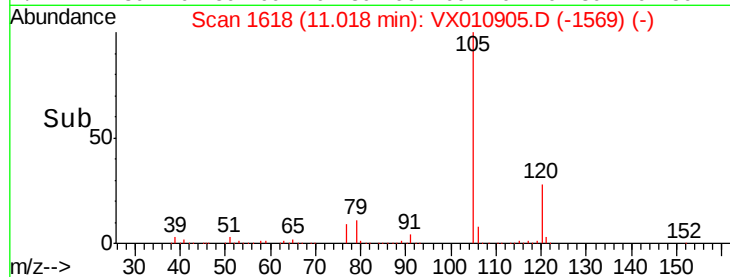
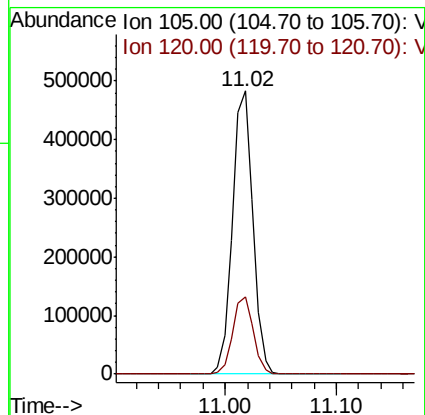
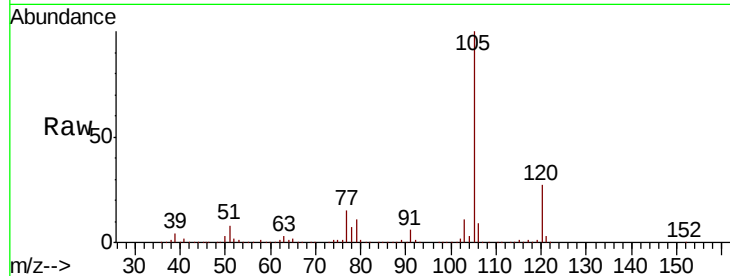
ICVX071619

Tot Ion:105 Resp: 609795

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 51.077 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Tgt Ion: 43 Resp: 237325

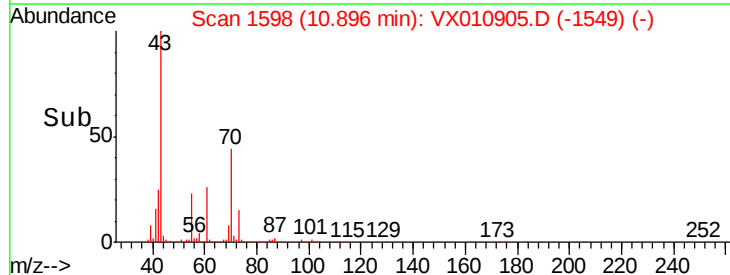
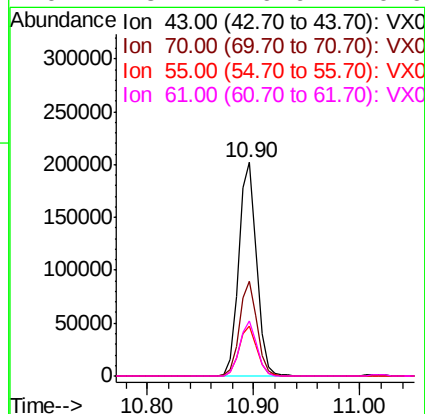
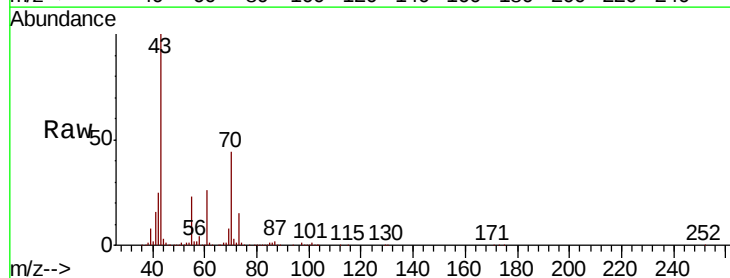
Ion Ratio Lower Upper

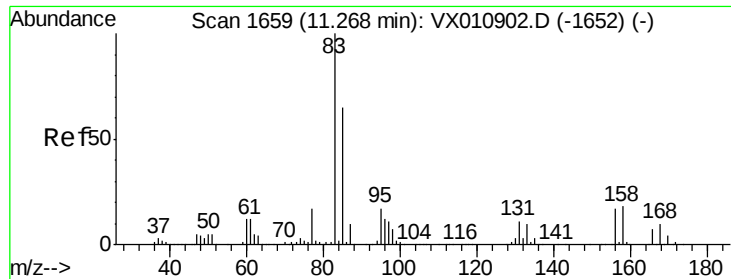
43 100

70 43.9 34.7 52.1

55 23.8 19.1 28.7

61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 48.435 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

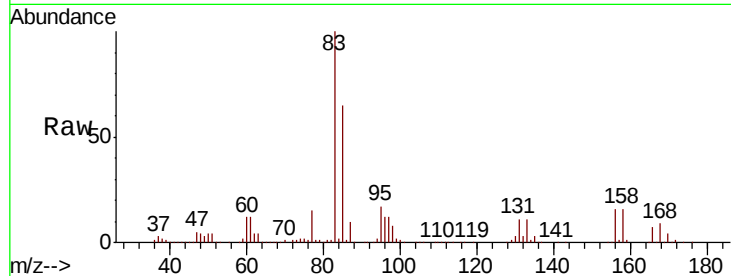
Tot Ion: 83 Resp: 192750

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

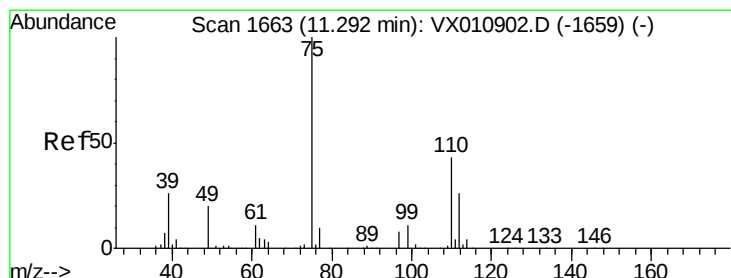
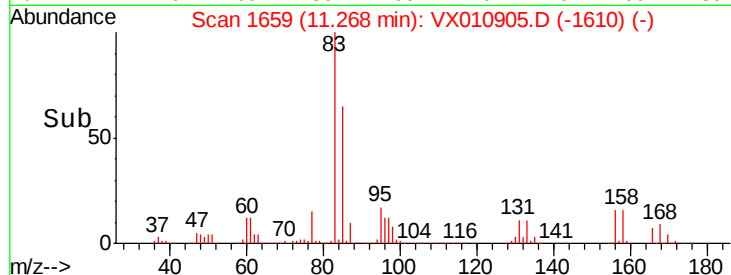
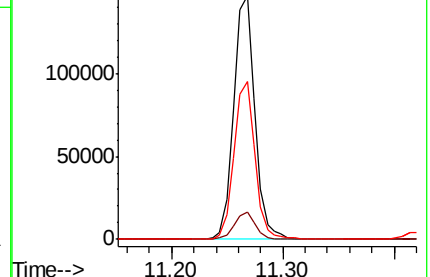
85 64.4 32.3 96.9



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: 66.183 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010905.D

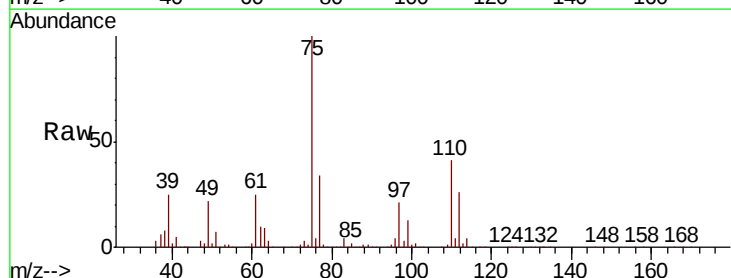
Acq: 16 Jul 2019 13:33

Tgt Ion: 75 Resp: 214936

Ion Ratio Lower Upper

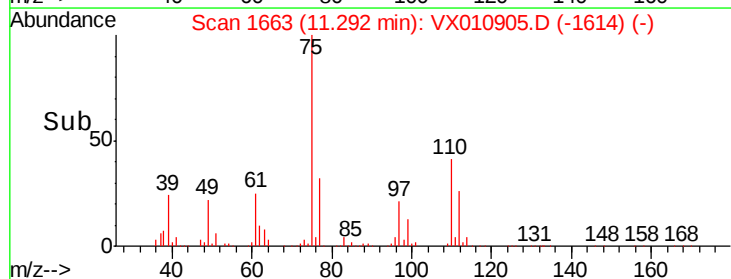
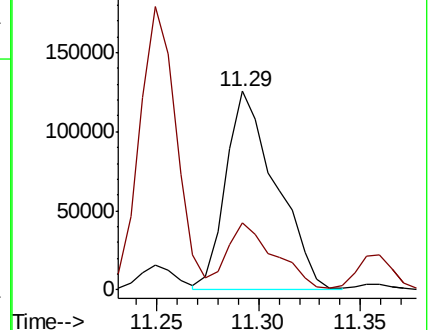
75 100

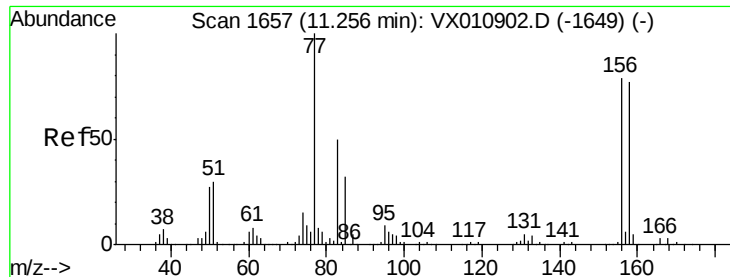
77 32.2 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.379 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

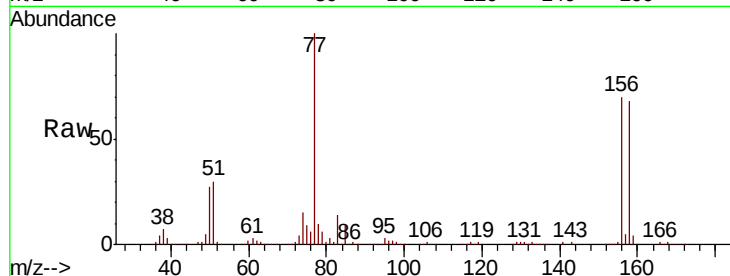
Tot Ion:156 Resp: 162276

Ion Ratio Lower Upper

156 100

77 137.7 68.7 206.1

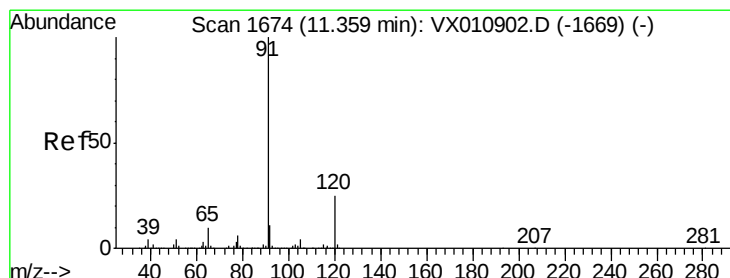
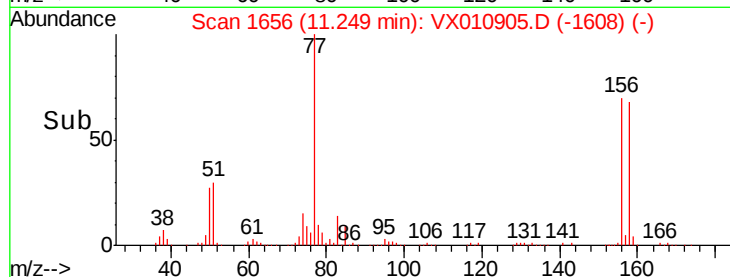
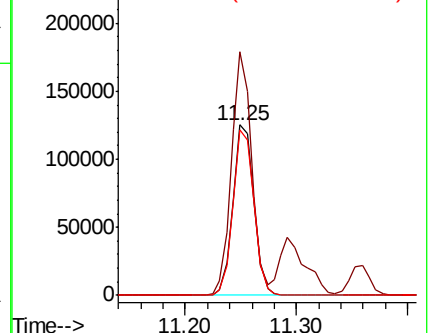
158 97.1 47.9 143.7



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: 51.572 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010905.D

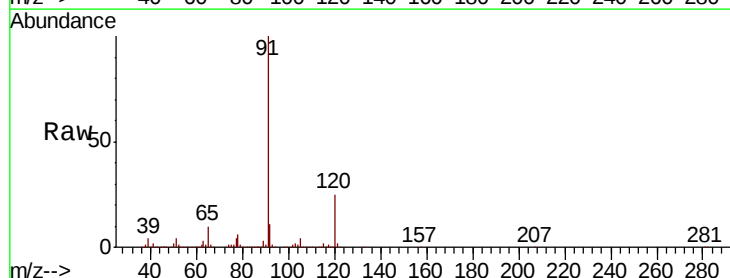
Acq: 16 Jul 2019 13:33

Tgt Ion: 91 Resp: 692935

Ion Ratio Lower Upper

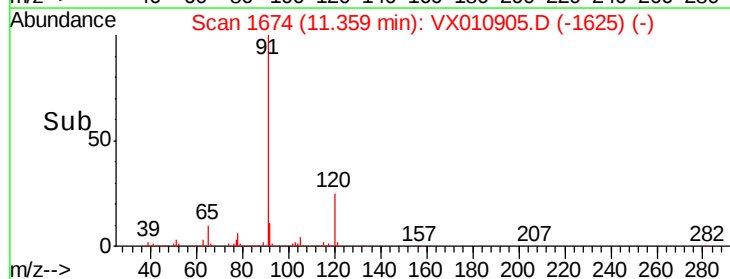
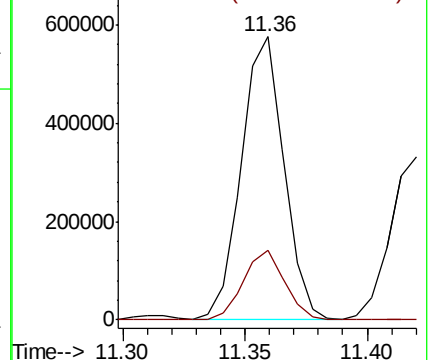
91 100

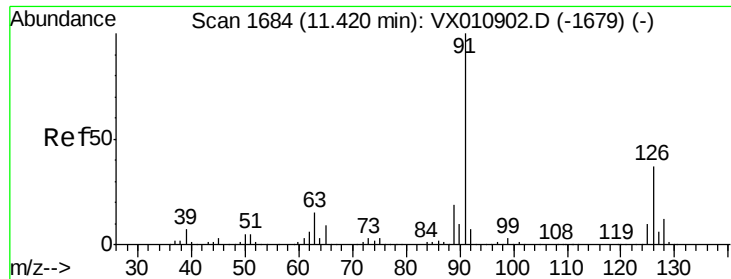
120 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

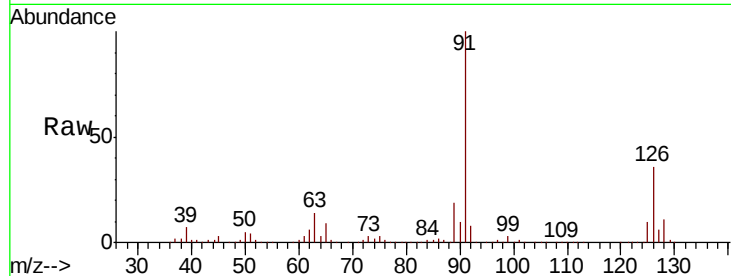




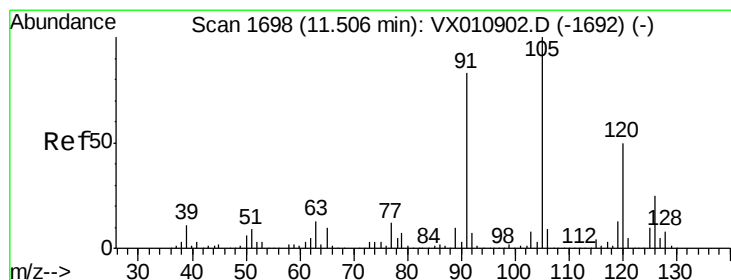
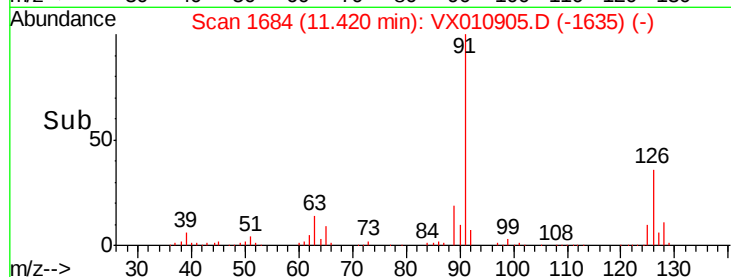
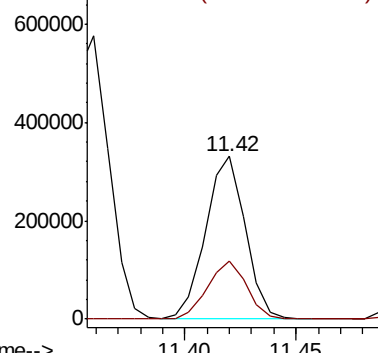
#79
2-Chlorotoluene
Concen: 50.630 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

Tot Ion: 91 Resp: 408658
Ion Ratio Lower Upper
91 100
126 35.6 18.0 54.0

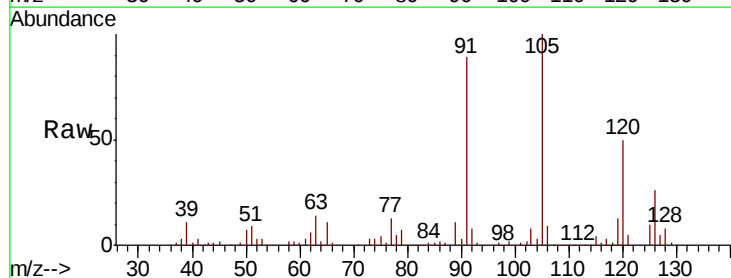


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

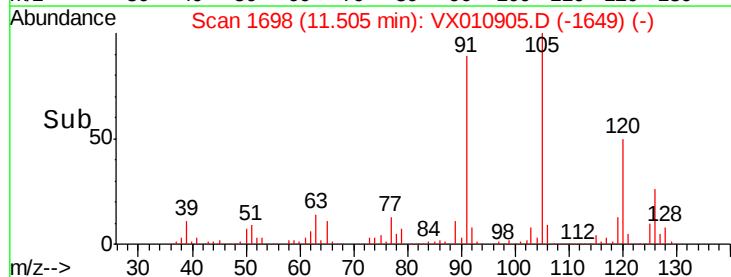
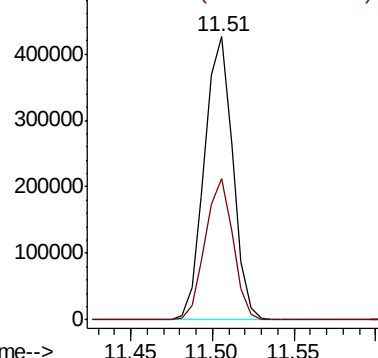


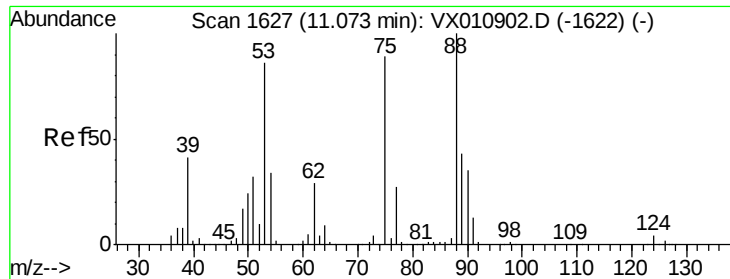
#80
1,3,5-Trimethylbenzene
Concen: 50.683 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion:105 Resp: 515003
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.495 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

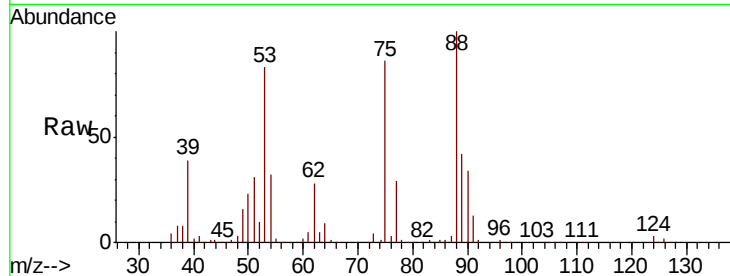
Tot Ion: 75 Resp: 60603

Ion Ratio Lower Upper

75 100

53 95.9 76.7 115.1

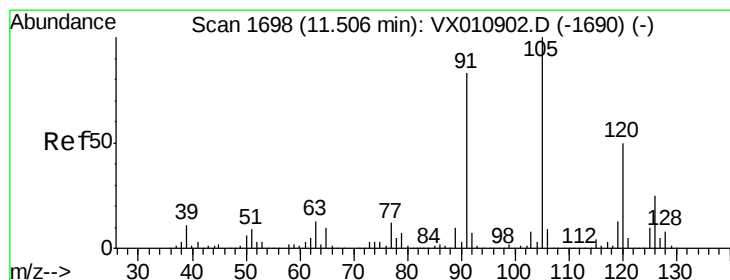
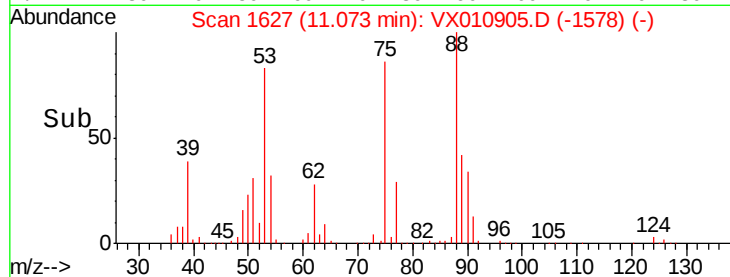
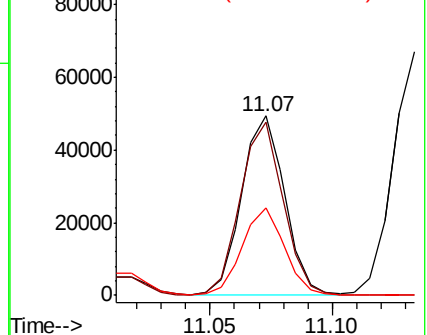
89 47.8 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.002 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010905.D

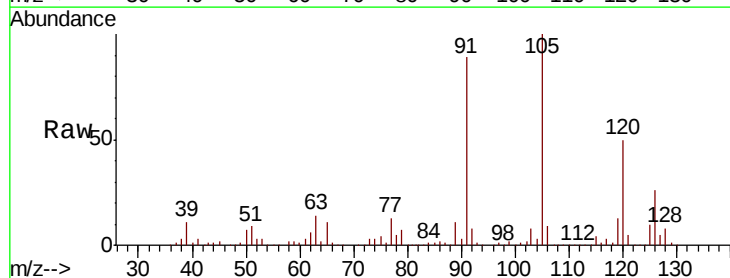
Acq: 16 Jul 2019 13:33

Tgt Ion: 91 Resp: 479128

Ion Ratio Lower Upper

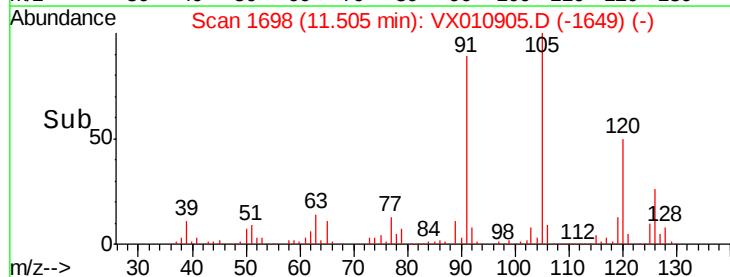
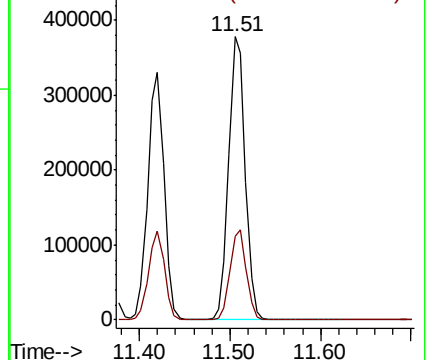
91 100

126 31.3 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.246 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071619

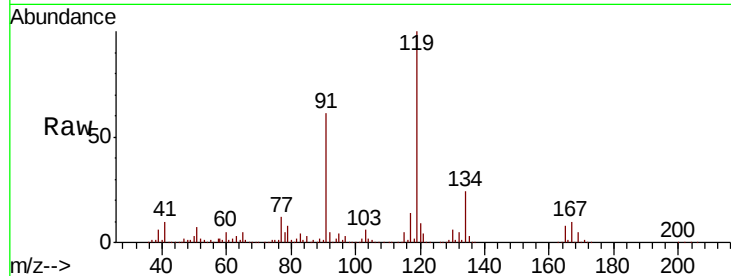
Tot Ion:119 Resp: 511479

Ion Ratio Lower Upper

119 100

91 57.6 28.6 85.8

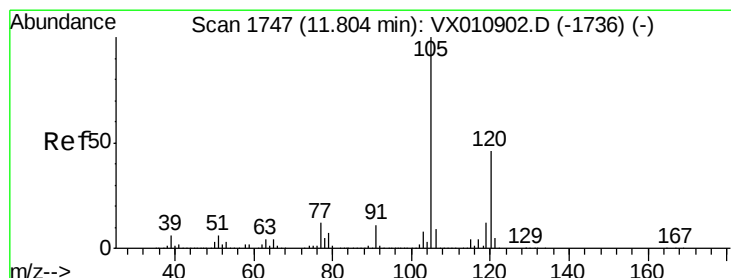
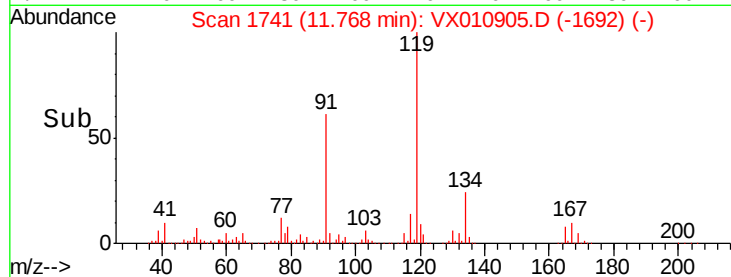
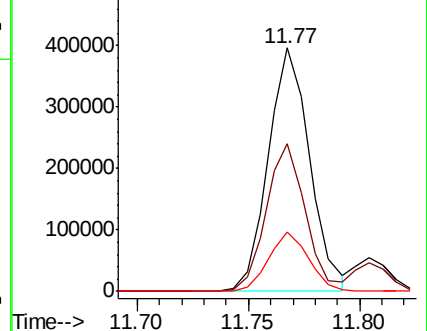
134 23.4 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.179 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX010905.D

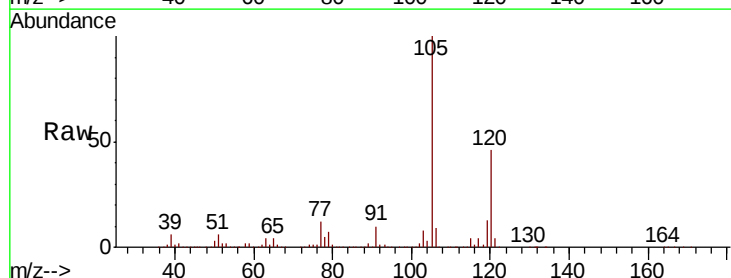
Acq: 16 Jul 2019 13:33

Tgt Ion:105 Resp: 524148

Ion Ratio Lower Upper

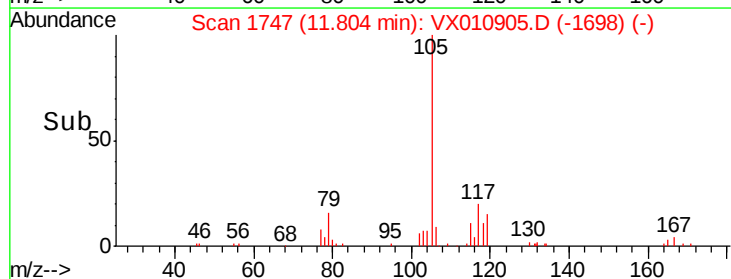
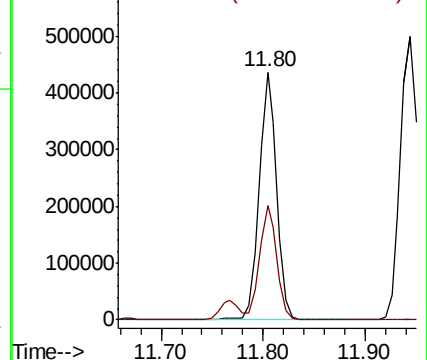
105 100

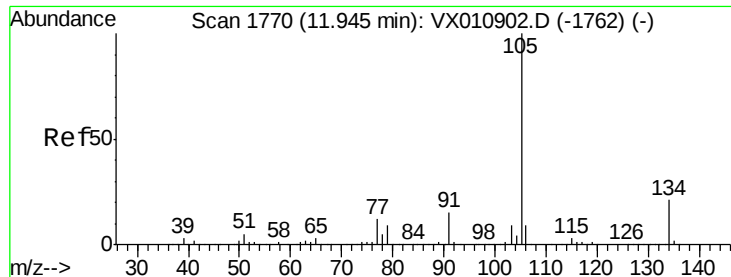
120 46.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.079 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

Instrument :

MSVOA_X

ClientSampled :

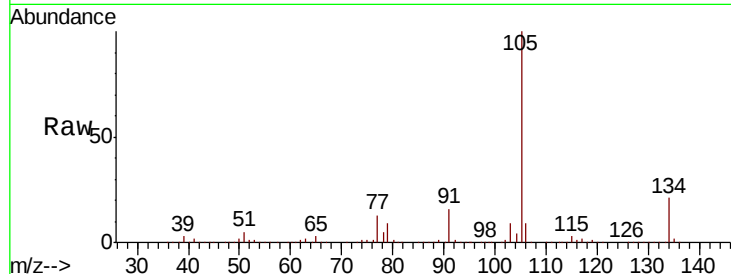
ICVX071619

Tot Ion:105 Resp: 609058

Ion Ratio Lower Upper

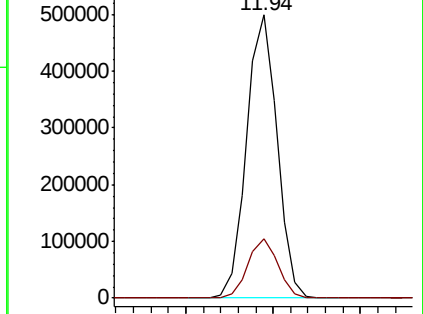
105 100

134 20.8 10.4 31.4

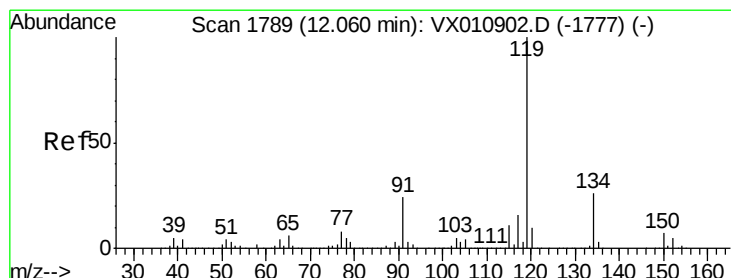
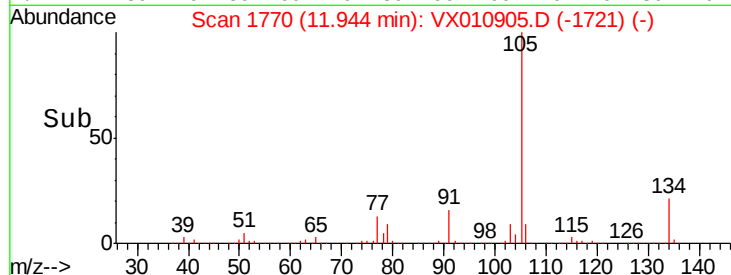


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 53.013 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010905.D

Acq: 16 Jul 2019 13:33

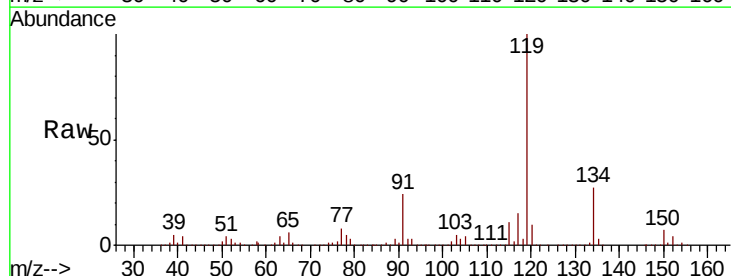
Tgt Ion:119 Resp: 573171

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

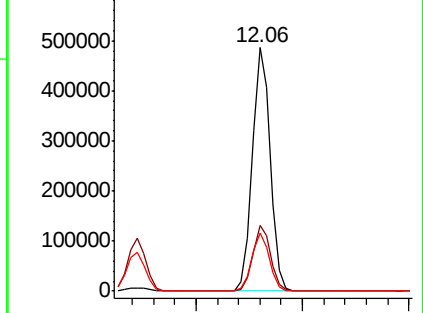
91 23.6 11.8 35.4



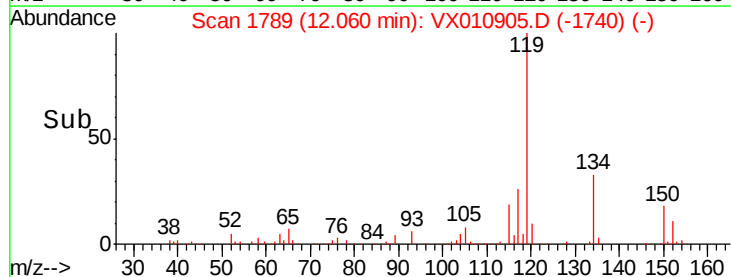
Abundance Ion 119.00 (118.70 to 119.70): V

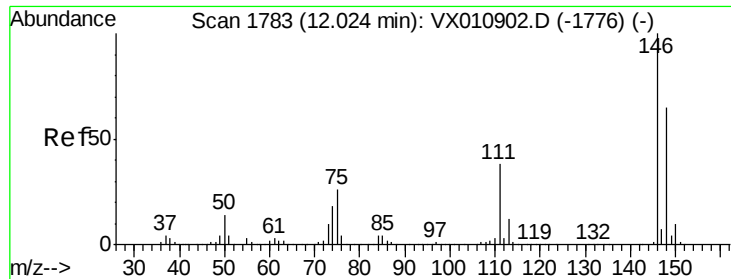
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

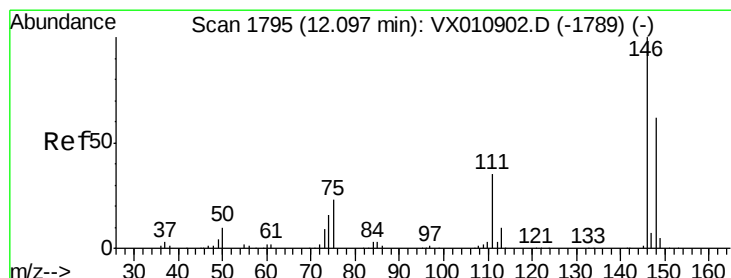
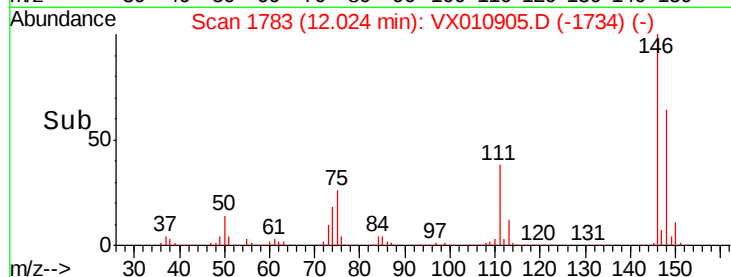
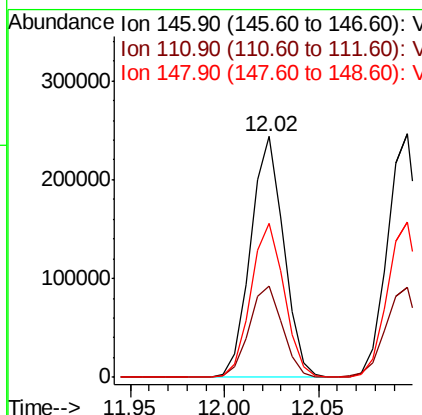
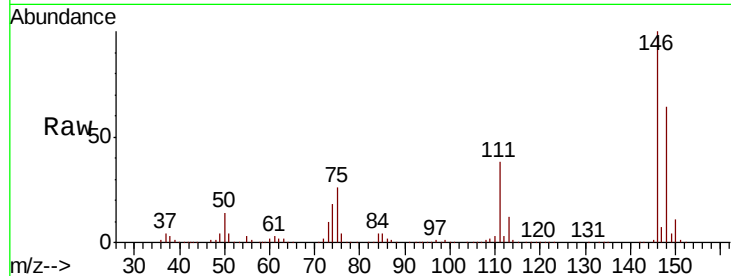




#87
 1,3-Dichlorobenzene
 Concen: 50.935 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

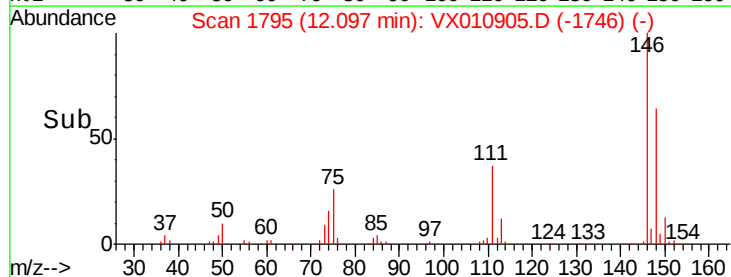
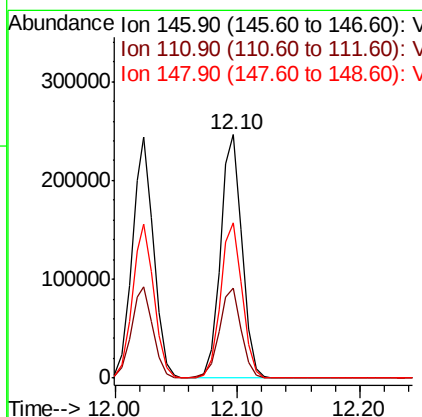
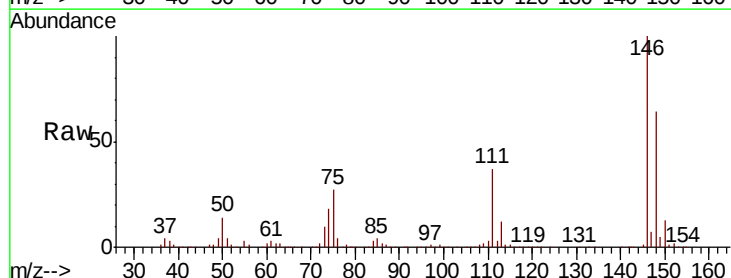
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071619

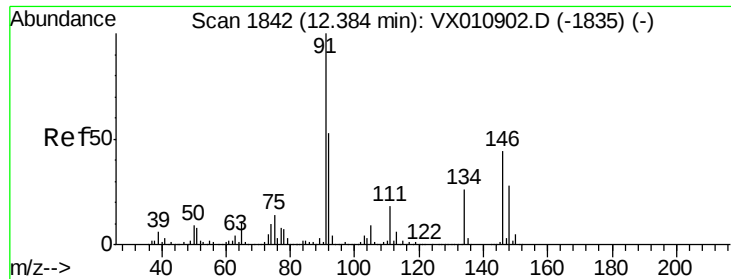
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.2	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 50.068 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.4	31.6	94.7

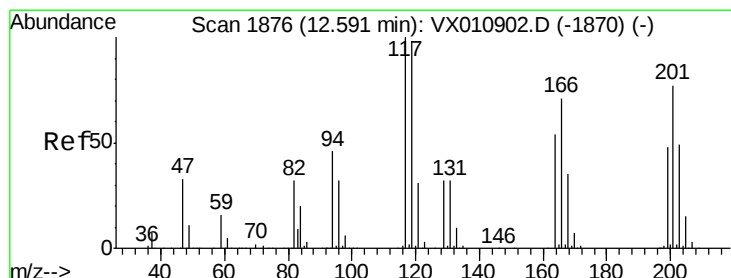
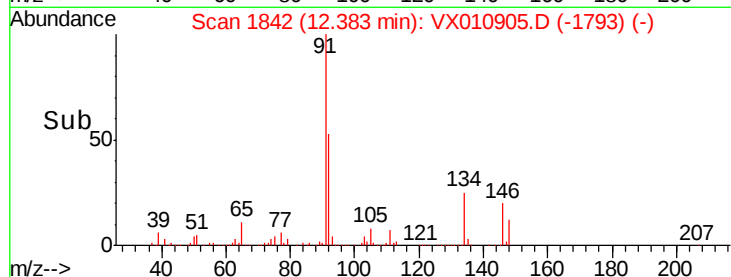
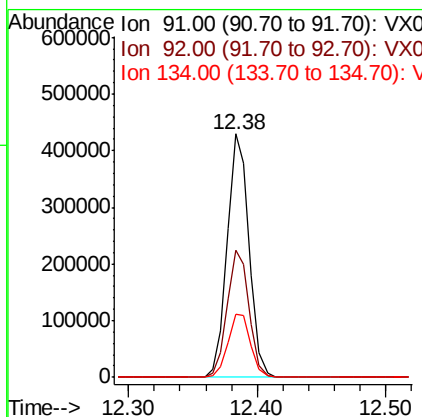
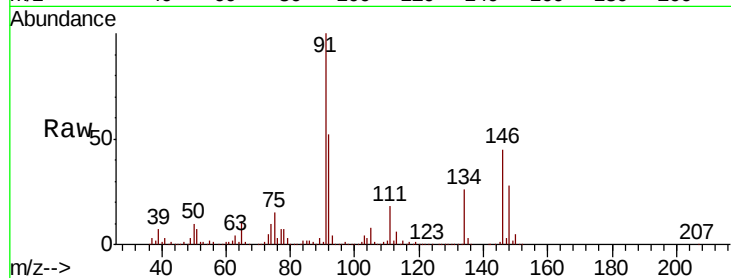




#89
n-Butylbenzene
Concen: 55.343 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

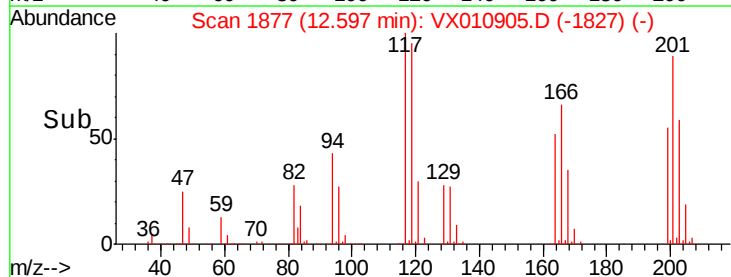
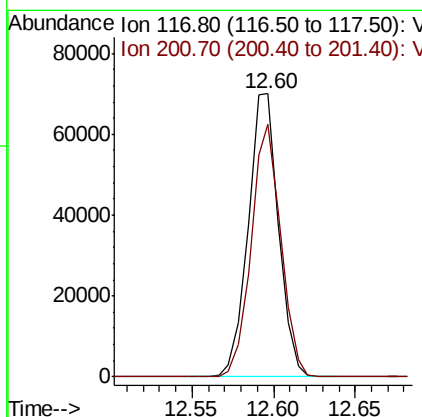
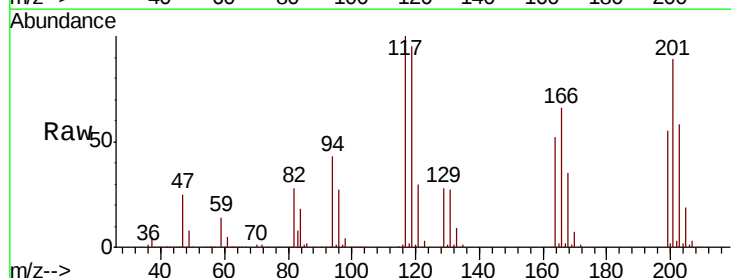
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

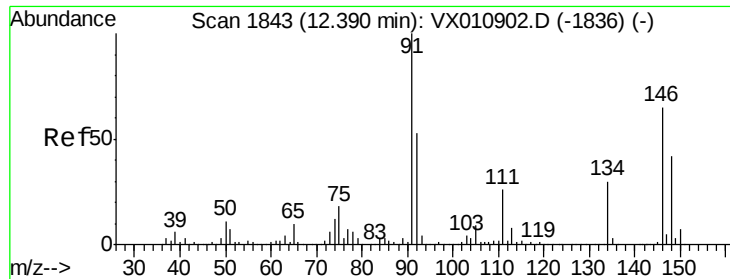
Tot Ion: 91 Resp: 511920
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 26.9 13.8 41.3



#90
Hexachloroethane
Concen: 53.512 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion: 117 Resp: 91256
Ion Ratio Lower Upper
117 100
201 86.4 43.3 129.8

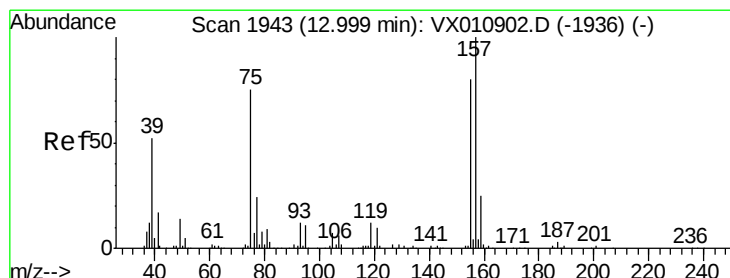
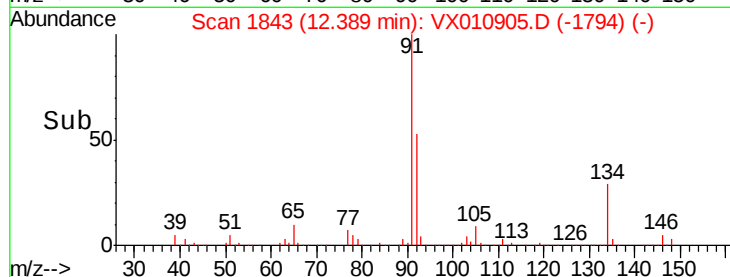
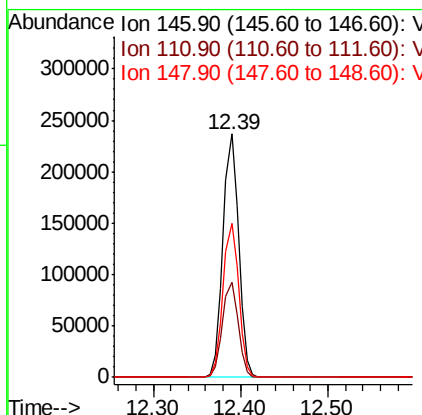
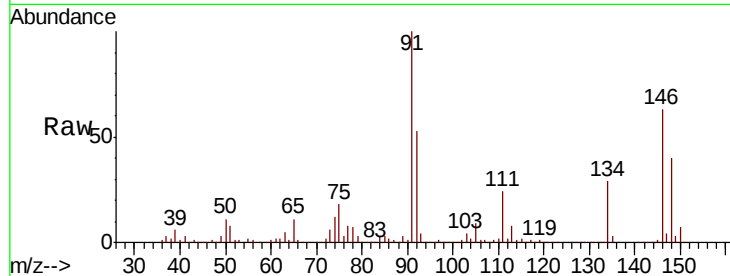




#91
 1,2-Dichlorobenzene
 Concen: 50.579 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

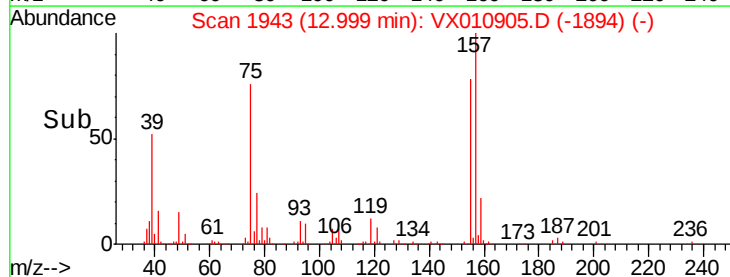
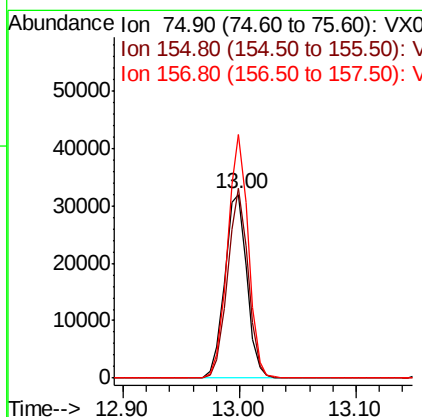
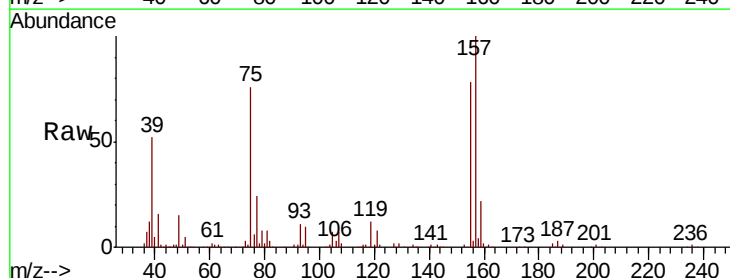
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071619

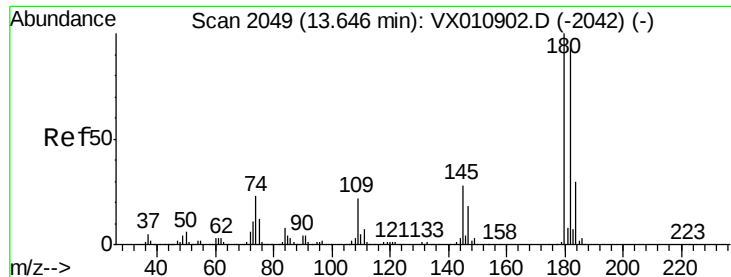
Tot Ion:146 Resp: 291790
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.9 59.7
 148 63.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.635 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

Tgt Ion: 75 Resp: 42121
 Ion Ratio Lower Upper
 75 100
 155 95.9 48.7 146.1
 157 123.9 62.5 187.6

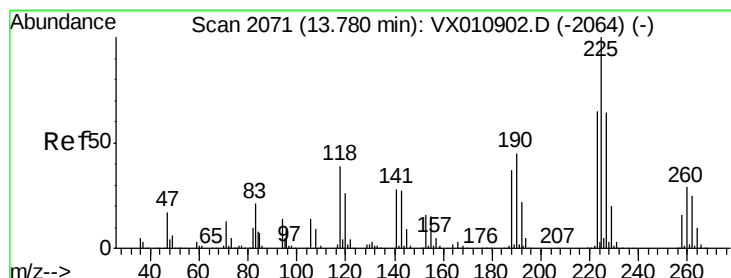
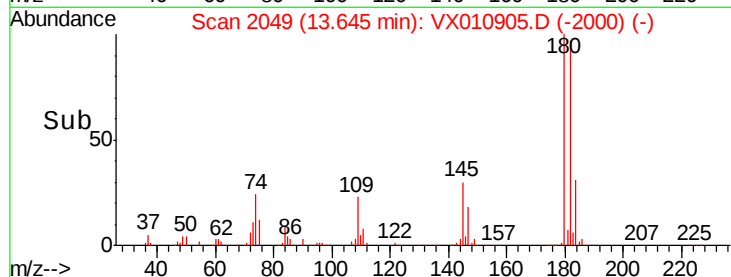
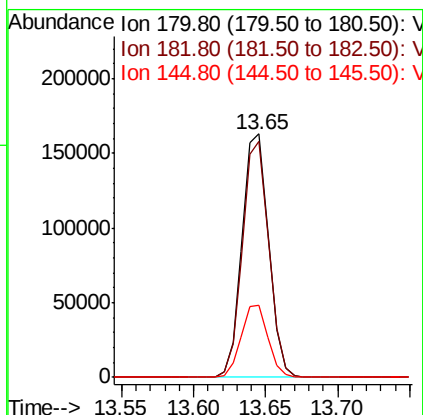
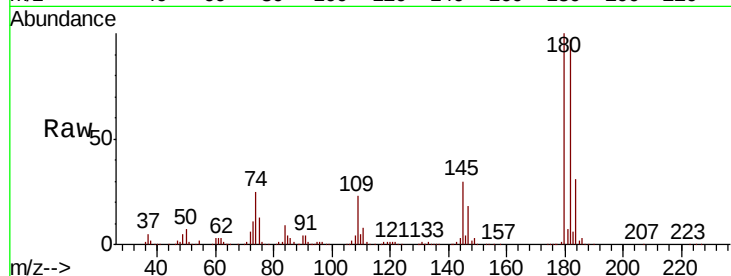




#93
 1,2,4-Trichlorobenzene
 Concen: 53.266 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

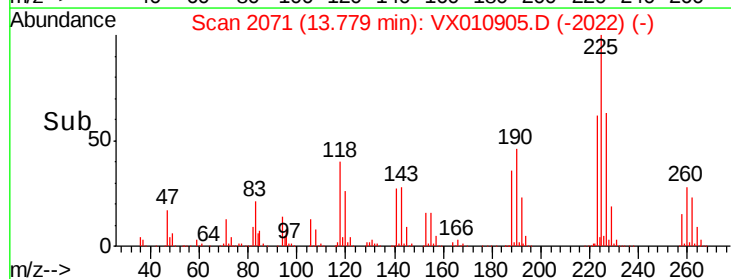
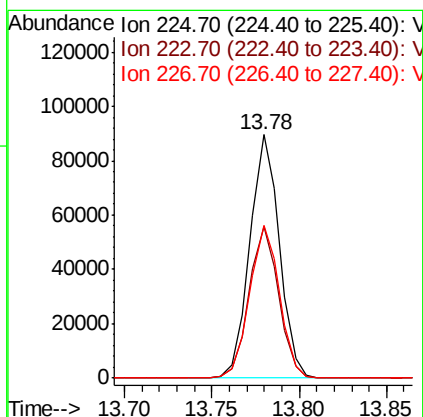
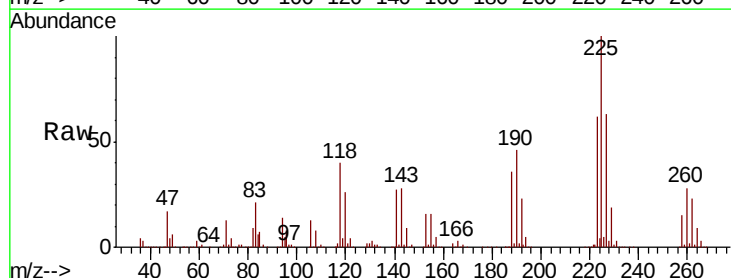
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071619

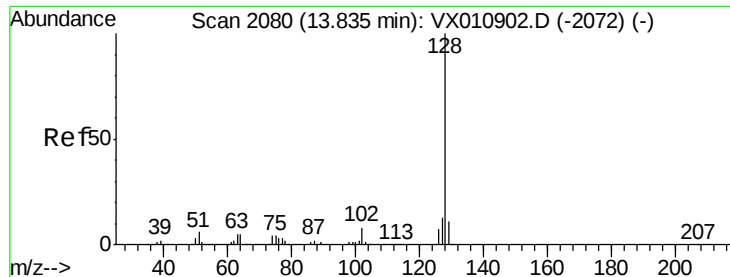
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.1	141.3
145	30.0	14.8	44.4



#94
 Hexachlorobutadiene
 Concen: 54.071 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010905.D
 Acq: 16 Jul 2019 13:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.9
227	63.5	32.5	97.4

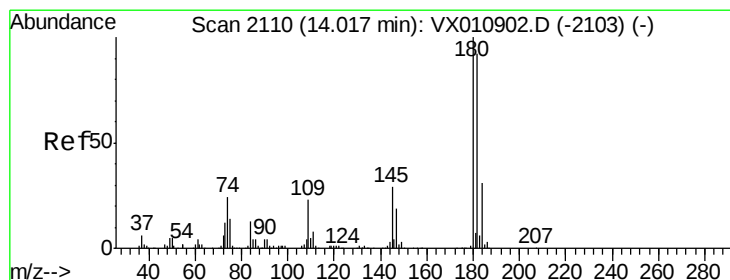
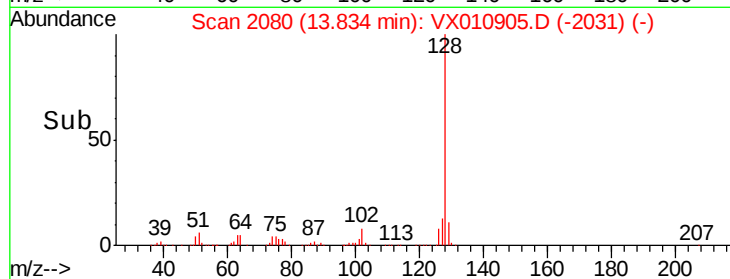
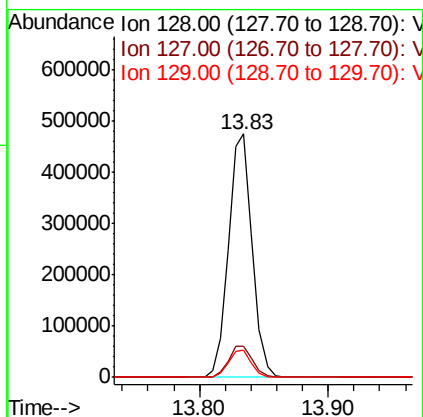
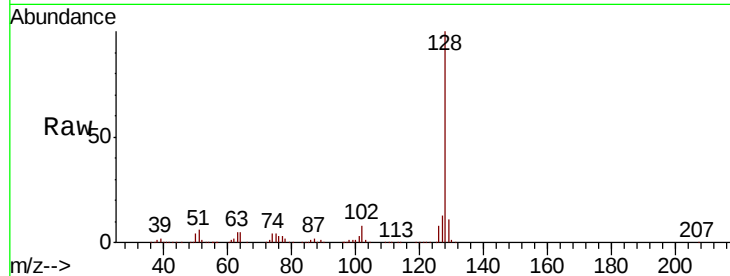




#95
Naphthalene
Concen: 52.625 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071619

Tot Ion:128 Resp: 607573
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.915 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010905.D
Acq: 16 Jul 2019 13:33

Tgt Ion:180 Resp: 201956
Ion Ratio Lower Upper
180 100
182 97.0 47.4 142.3
145 31.8 15.1 45.3

