

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102419\
 Data File : VX013191.D
 Acq On : 23 Oct 2019 16:26
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Quant Time: Oct 24 03:59:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	90683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	129769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	132493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	89722	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
35) Dibromofluoromethane	5.48	113	72609	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	8.71	98	268945	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	106397	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	87815	47.992	ug/l	99
3) Chloromethane	1.32	50	79221	52.523	ug/l	96
4) Vinyl Chloride	1.40	62	78209	47.494	ug/l	99
5) Bromomethane	1.63	94	44483	50.965	ug/l	99
6) Chloroethane	1.71	64	49972	54.453	ug/l	96
7) Trichlorofluoromethane	1.92	101	129286	49.755	ug/l	98
8) Diethyl Ether	2.18	74	44558	49.997	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72515	45.061	ug/l	99
10) Methyl Iodide	2.50	142	87847	43.801	ug/l	100
11) Tert butyl alcohol	3.03	59	106502	258.871	ug/l	99
12) 1,1-Dichloroethene	2.36	96	68106	44.088	ug/l	92
13) Acrolein	2.28	56	52191	234.534	ug/l	97
14) Allyl chloride	2.72	41	119699	49.219	ug/l	99
15) Acrylonitrile	3.12	53	206674	247.214	ug/l	100
16) Acetone	2.43	43	221269	247.625	ug/l	99
17) Carbon Disulfide	2.56	76	203062	48.894	ug/l	99
18) Methyl Acetate	2.76	43	99776	51.115	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	265683	48.839	ug/l	99
20) Methylene Chloride	2.84	84	83950	50.238	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	81336	50.598	ug/l	95
22) Diisopropyl ether	3.84	45	231985	48.785	ug/l	96
23) Vinyl Acetate	3.80	43	1024440	253.465	ug/l	100
24) 1,1-Dichloroethane	3.69	63	142551	48.737	ug/l	99
25) 2-Butanone	4.65	43	301981	251.995	ug/l	98
26) 2,2-Dichloropropane	4.56	77	134362	49.705	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	92340	48.809	ug/l	97
28) Bromochloromethane	5.00	49	38721	51.341	ug/l	98
29) Tetrahydrofuran	5.11	42	175791	243.367	ug/l	99
30) Chloroform	5.20	83	149363	47.963	ug/l	94
31) Cyclohexane	5.57	56	125226	51.052	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	138589	50.052	ug/l	99
36) 1,1-Dichloropropene	5.78	75	113087	52.064	ug/l	99
37) Ethyl Acetate	4.81	43	107319	49.627	ug/l	99
38) Carbon Tetrachloride	5.76	117	119030	49.624	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	140622	50.618	ug/l	98
40) Benzene	6.13	78	320673	49.197	ug/l	96
41) Methacrylonitrile	5.02	41	60383	52.082	ug/l	99
42) 1,2-Dichloroethane	6.18	62	119978	48.820	ug/l	98
43) Isopropyl Acetate	6.43	43	182284	50.769	ug/l	99
44) Trichloroethene	7.20	130	89998	48.649	ug/l	99
45) 1,2-Dichloropropane	7.50	63	79643	48.784	ug/l	99
46) Dibromomethane	7.65	93	57335	48.746	ug/l	99
47) Bromodichloromethane	7.89	83	117979	51.470	ug/l	99
48) Methyl methacrylate	7.76	41	90082	50.762	ug/l	98
49) 1,4-Dioxane	7.73	88	45454	1006.394	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	545761	249.379	ug/l	100
52) Toluene	8.78	92	211590	48.983	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	131315	53.909	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139479	52.344	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	83566	48.931	ug/l	97
56) Ethyl methacrylate	9.17	69	133936	52.107	ug/l	99
57) 1,3-Dichloropropane	9.36	76	141900	49.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	273705	272.895	ug/l	100
59) 2-Hexanone	9.48	43	432850	256.767	ug/l	98
60) Dibromochloromethane	9.57	129	94055	52.558	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88746	48.948	ug/l	97
64) Tetrachloroethene	9.33	164	83837	51.334	ug/l	96
65) Chlorobenzene	10.14	112	227160	48.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	85562	49.939	ug/l	99
67) Ethyl Benzene	10.25	91	413917	49.851	ug/l	98
68) m/p-Xylenes	10.35	106	302044	96.257	ug/l	96
69) o-Xylene	10.70	106	149661	49.719	ug/l	98
70) Styrene	10.71	104	256097	49.409	ug/l	99
71) Bromoform	10.85	173	67184	53.665	ug/l #	100
73) Isopropylbenzene	11.01	105	408999	51.702	ug/l	98
74) N-amyl acetate	10.89	43	155074	53.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	127062	52.898	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	147755	70.373	ug/l	87
77) Bromobenzene	11.25	156	98151	51.767	ug/l	97
78) n-propylbenzene	11.35	91	437029	50.859	ug/l	98
79) 2-Chlorotoluene	11.42	91	267160	49.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346007	52.622	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43442	56.857	ug/l	98
82) 4-Chlorotoluene	11.51	91	316213	51.402	ug/l	96
83) tert-Butylbenzene	11.77	119	322189	49.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	336450	50.729	ug/l	98
85) sec-Butylbenzene	11.94	105	364970	49.299	ug/l	98
86) p-Isopropyltoluene	12.06	119	371853	53.466	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	163875	47.843	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	167152	47.930	ug/l	98
89) n-Butylbenzene	12.38	91	315455	55.445	ug/l	99
90) Hexachloroethane	12.59	117	63022	54.109	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	167572	49.751	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32391	54.227	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

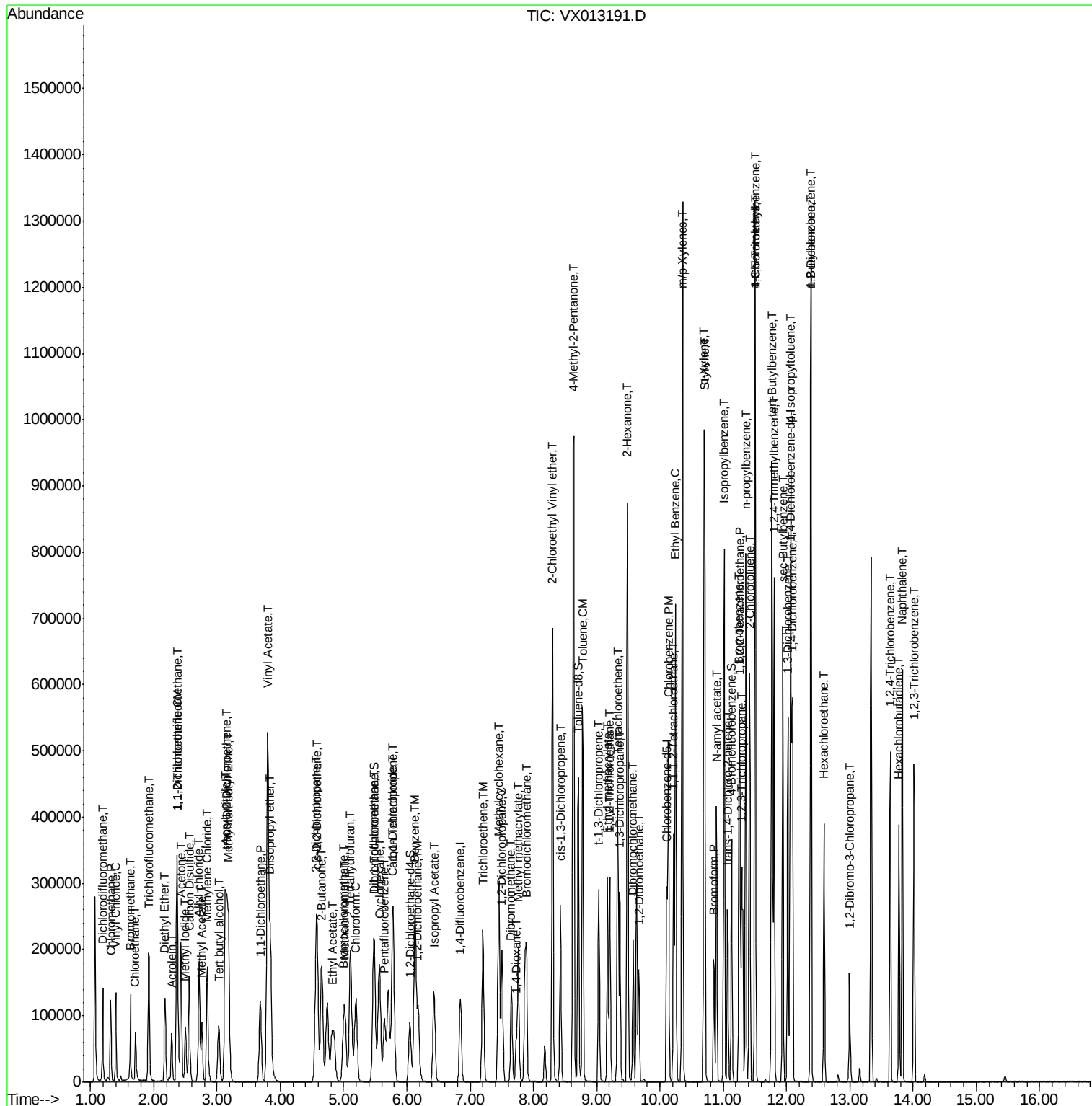
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	113342	53.440	ug/l	98
94) Hexachlorobutadiene	13.77	225	54676	49.836	ug/l	98
95) Naphthalene	13.83	128	357265	54.885	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	111049	52.986	ug/l	98

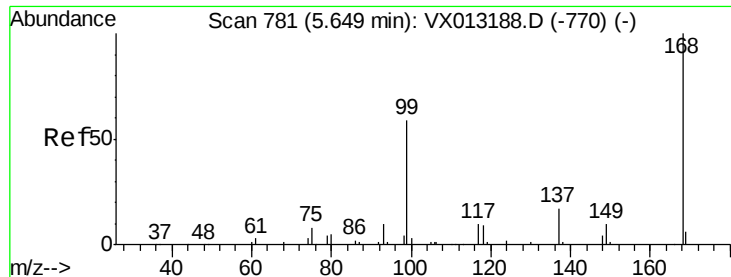
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : VSTDICV050
Misc      : 5.0mL/MSVOA X/WATER
ALS Vial  : 10      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Quant Time: Oct 24 03:59:47 2019
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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

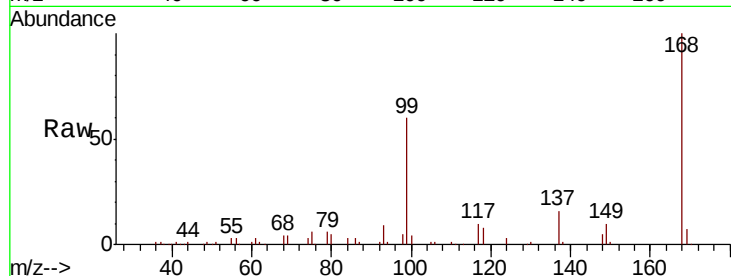
ICVVX102419

Tot Ion:168 Resp: 90683

Ion Ratio Lower Upper

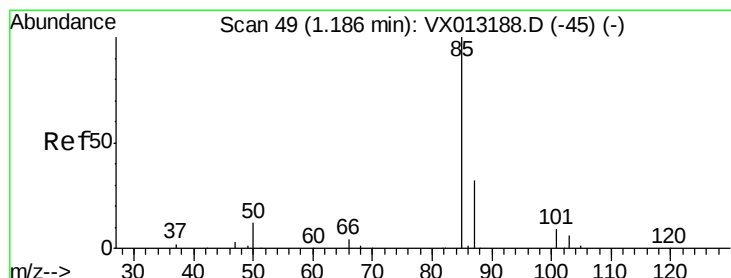
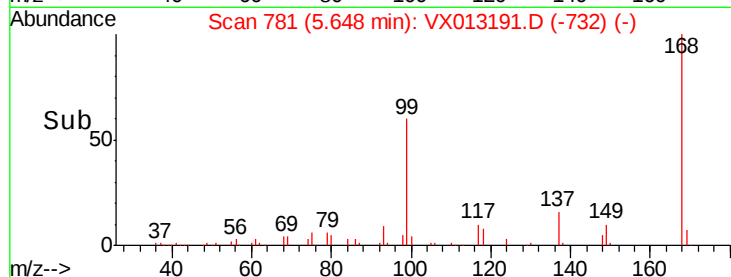
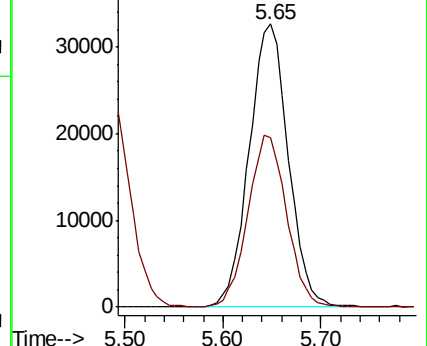
168 100

99 60.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.992 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013191.D

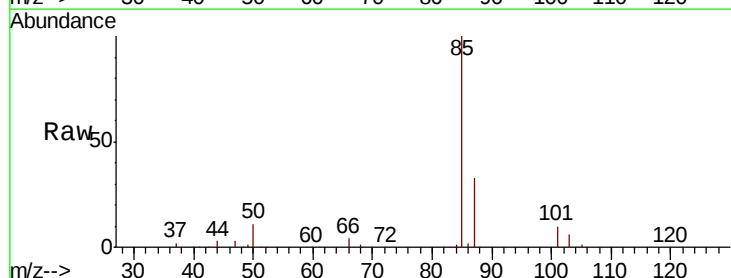
Acq: 23 Oct 2019 16:26

Tgt Ion: 85 Resp: 87815

Ion Ratio Lower Upper

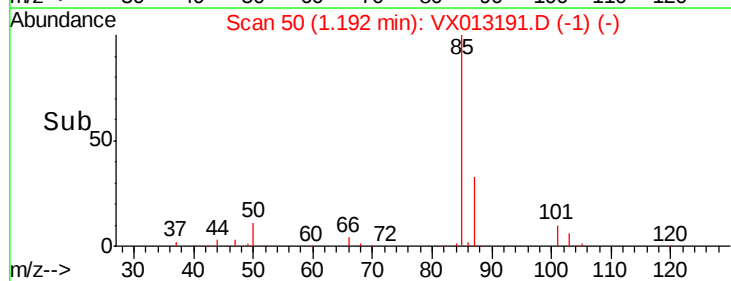
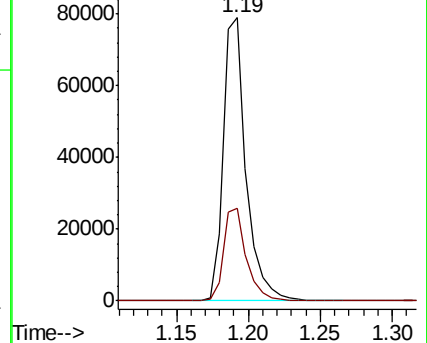
85 100

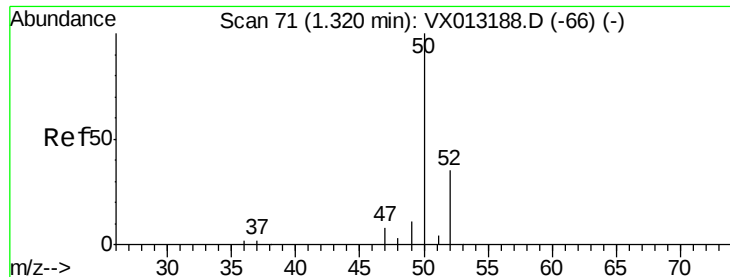
87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.523 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

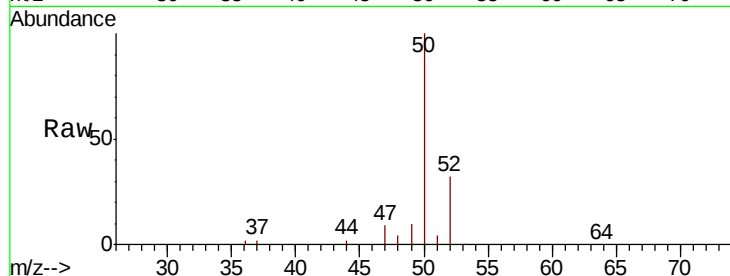
ICVVX102419

Tot Ion: 50 Resp: 79221

Ion Ratio Lower Upper

50 100

52 32.4 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

80000

60000

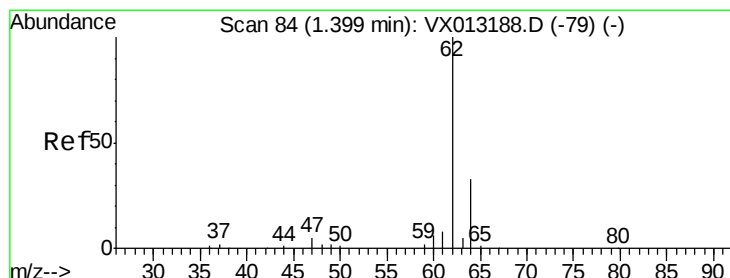
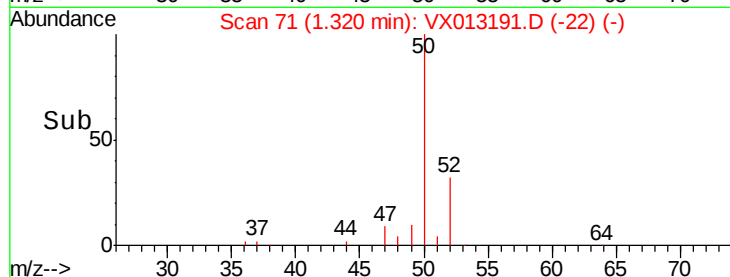
40000

20000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 47.494 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013191.D

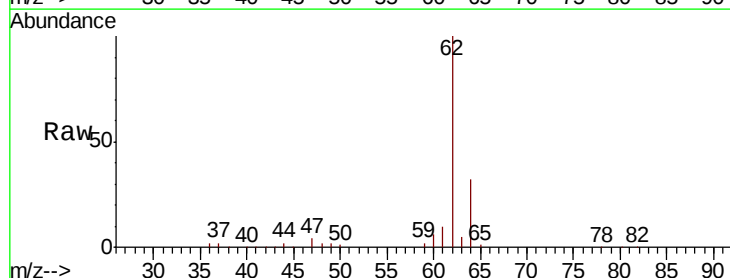
Acq: 23 Oct 2019 16:26

Tgt Ion: 62 Resp: 78209

Ion Ratio Lower Upper

62 100

64 32.3 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

80000

60000

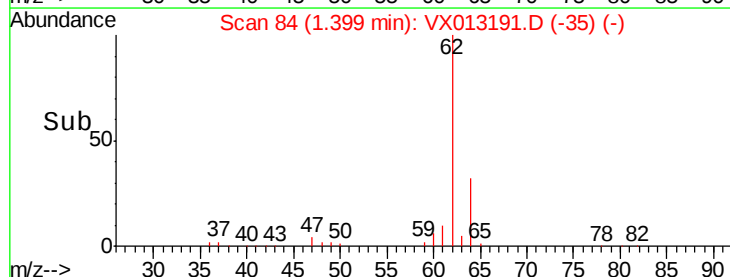
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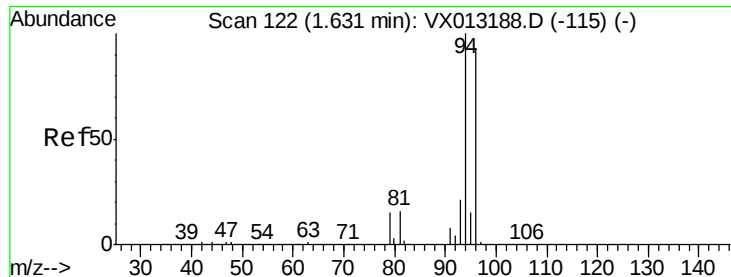
20000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 50.965 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

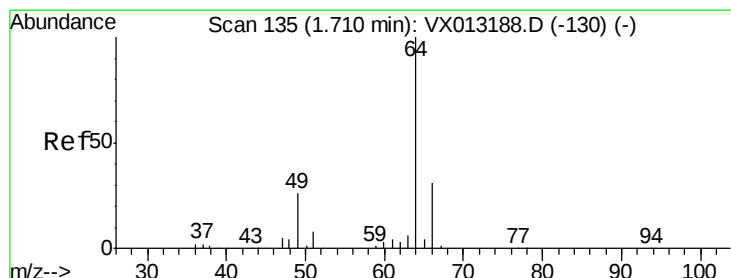
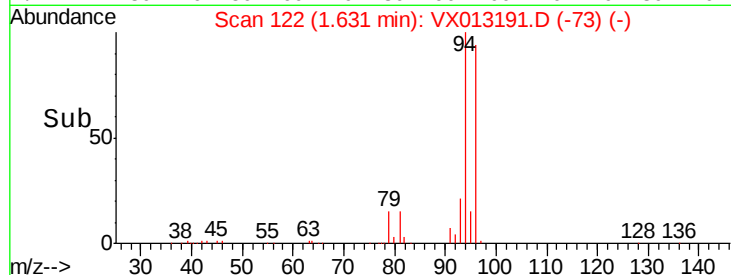
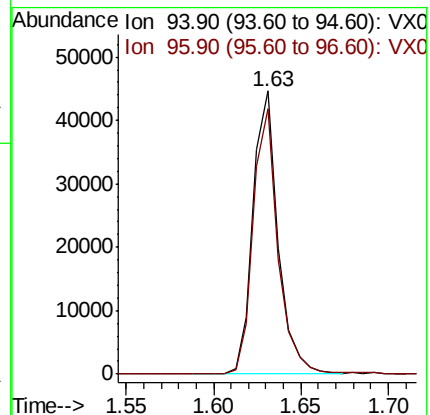
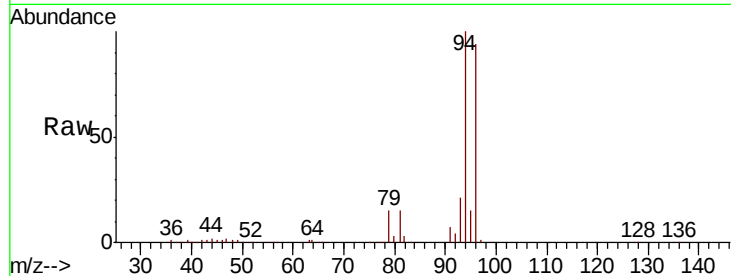
ICVVX102419

Tot Ion: 94 Resp: 44483

Ion Ratio Lower Upper

94 100

96 93.9 74.2 111.2



#6

Chloroethane

Concen: 54.453 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013191.D

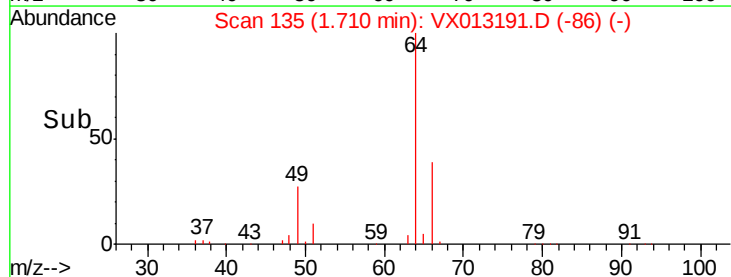
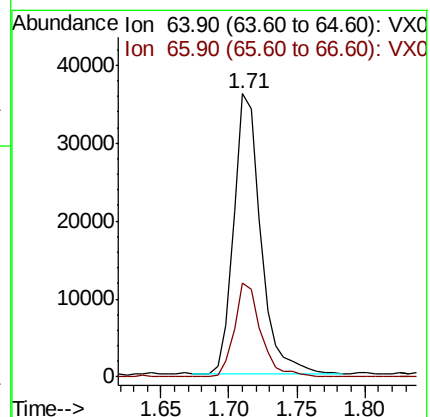
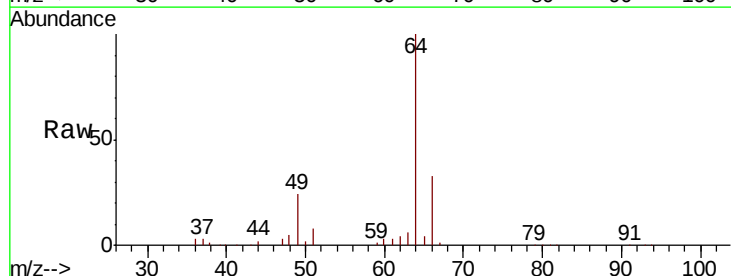
Acq: 23 Oct 2019 16:26

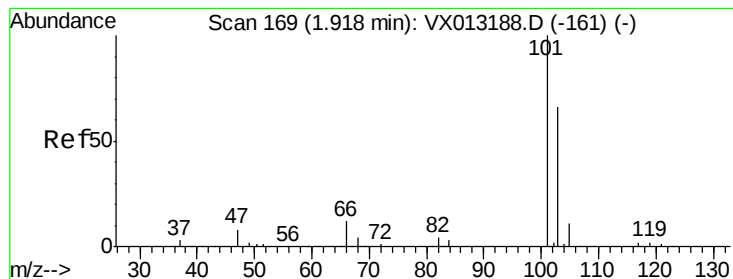
Tgt Ion: 64 Resp: 49972

Ion Ratio Lower Upper

64 100

66 33.4 25.0 37.6



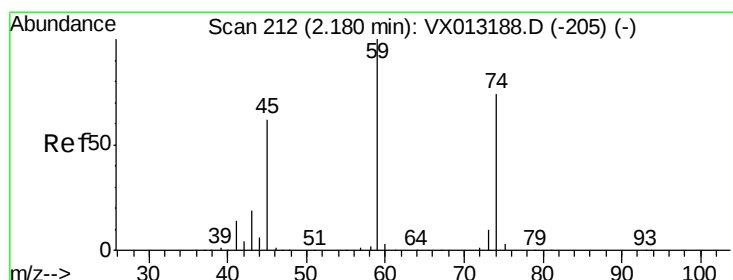
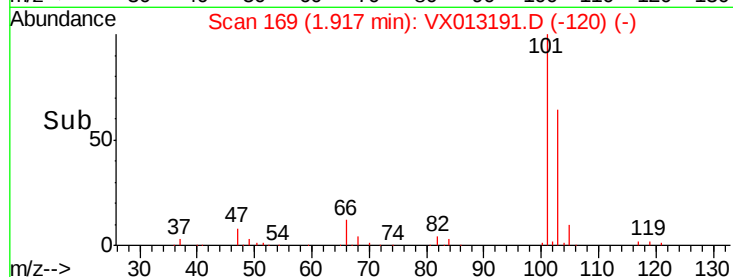
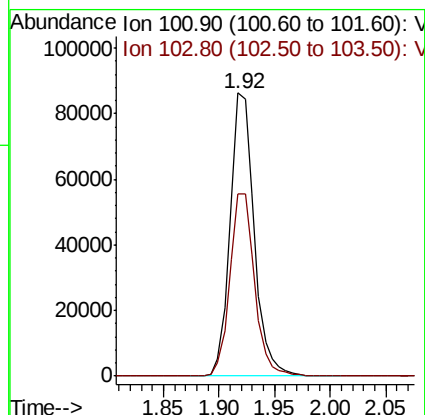
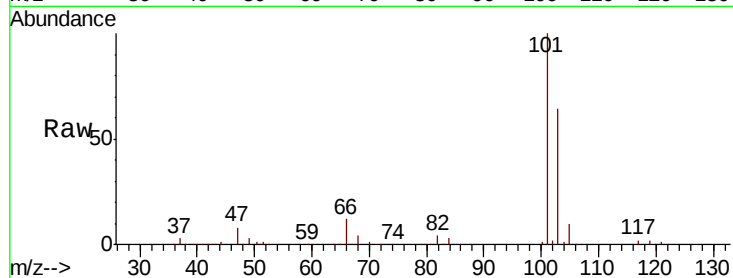


#7

Trichlorofluoromethane
 Concen: 49.755 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
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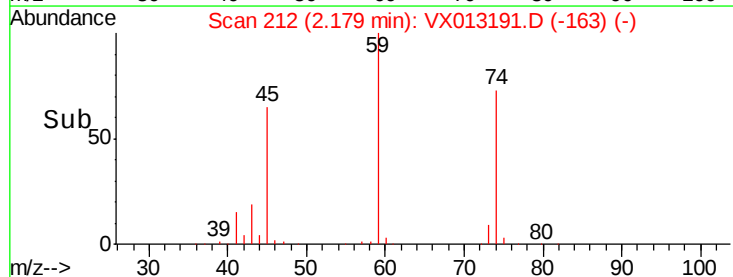
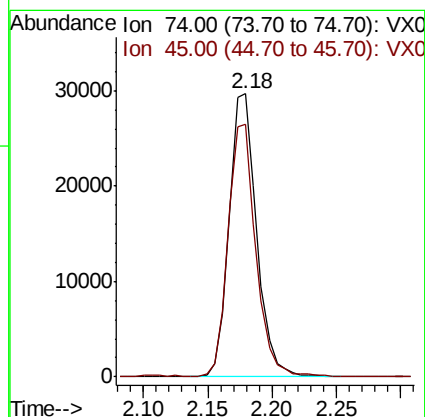
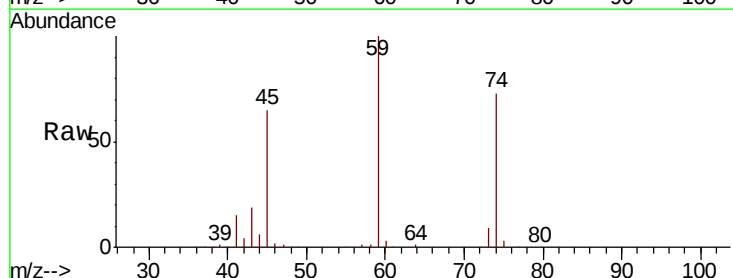
Tot Ion:101 Resp: 129286
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.0 79.6

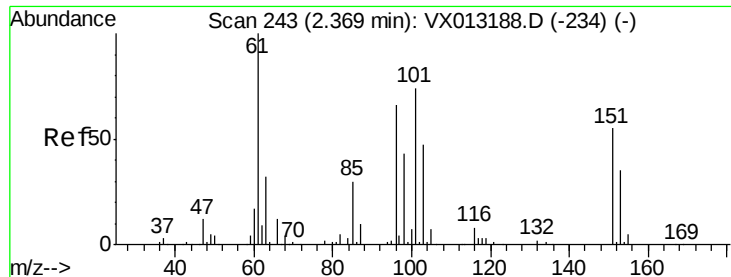


#8

Diethyl Ether
 Concen: 49.997 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion: 74 Resp: 44558
 Ion Ratio Lower Upper
 74 100
 45 90.5 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.061 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013191.D

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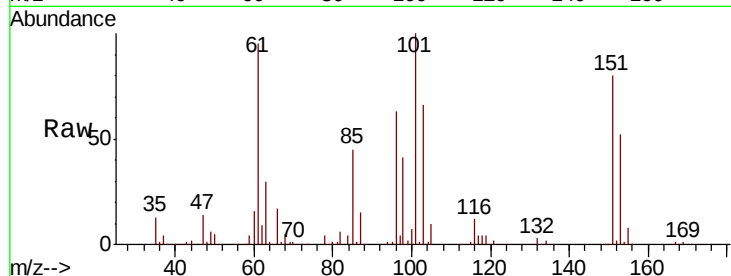
Tot Ion:101 Resp: 72515

Ion Ratio Lower Upper

101 100

85 43.6 34.0 51.0

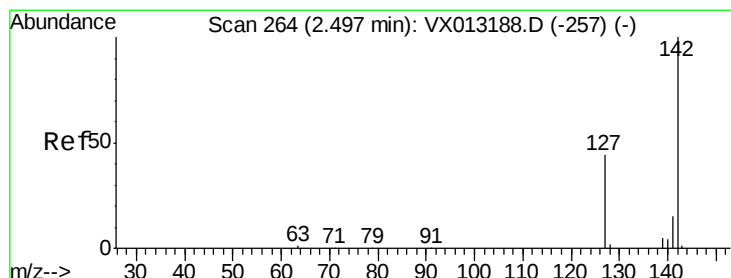
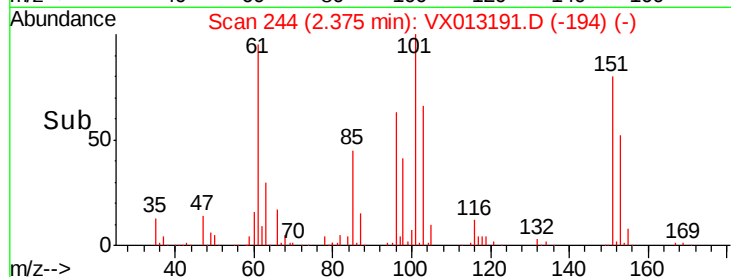
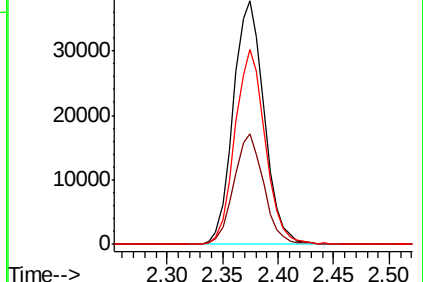
151 78.5 62.0 93.0



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: 43.801 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

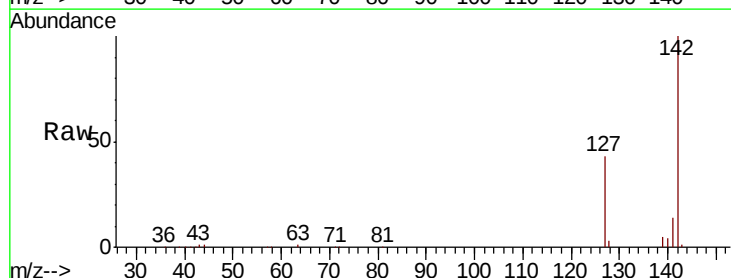
Tgt Ion:142 Resp: 87847

Ion Ratio Lower Upper

142 100

127 44.9 35.6 53.4

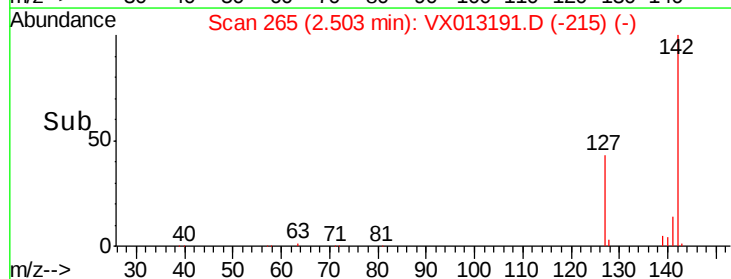
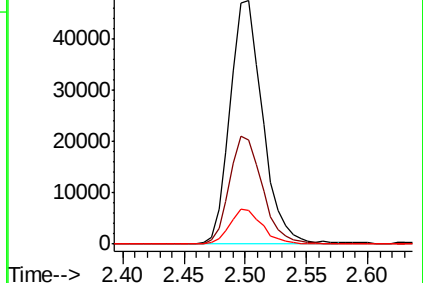
141 14.5 11.6 17.4

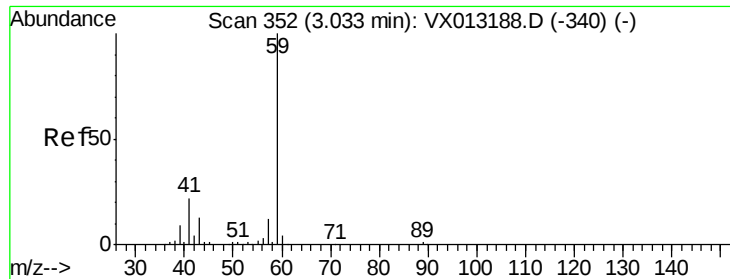


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

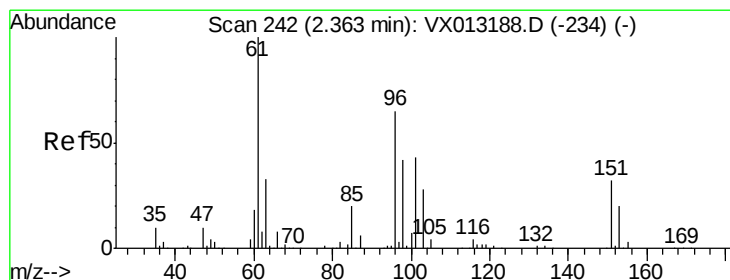
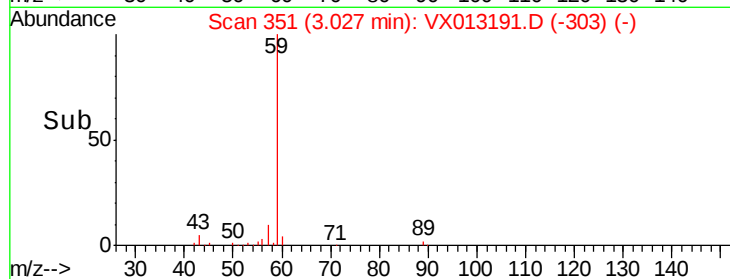
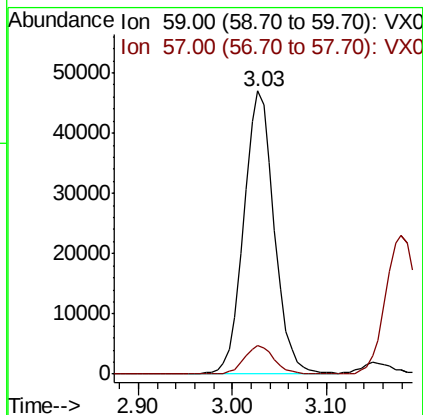
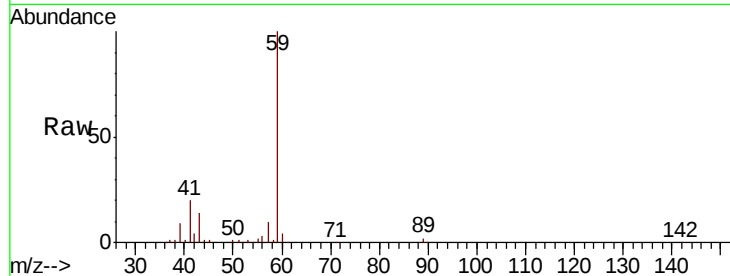




#11
Tert butyl alcohol
Concen: 258.871 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

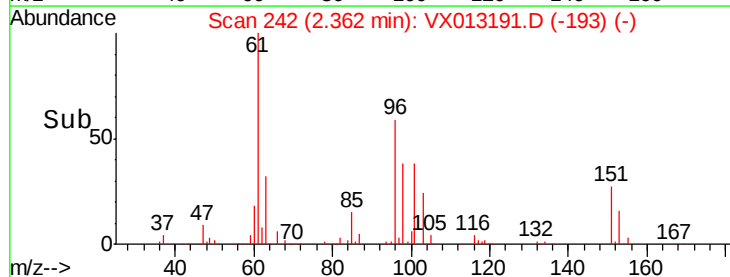
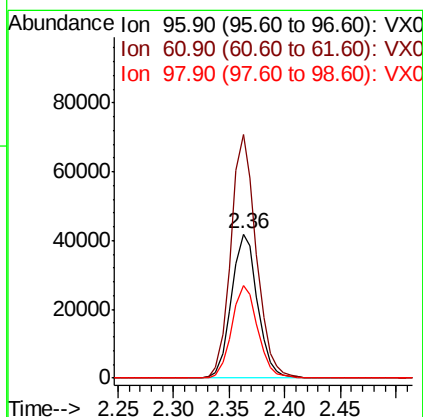
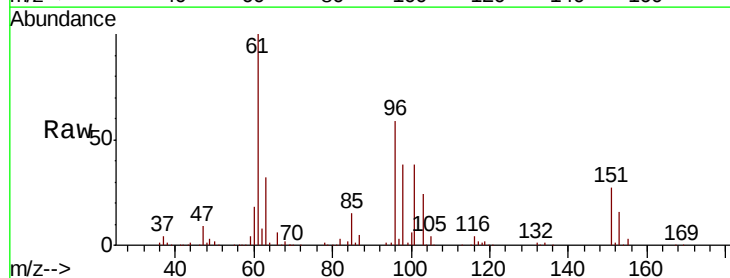
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

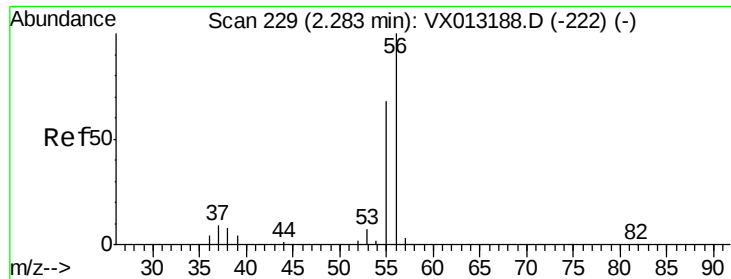
Tot Ion: 59 Resp: 106502
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.088 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 96 Resp: 68106
Ion Ratio Lower Upper
96 100
61 169.1 123.8 185.8
98 64.7 51.6 77.4

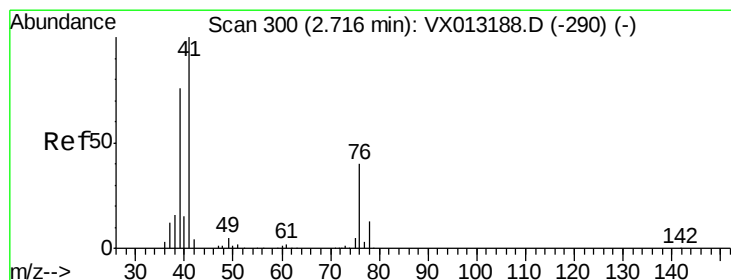
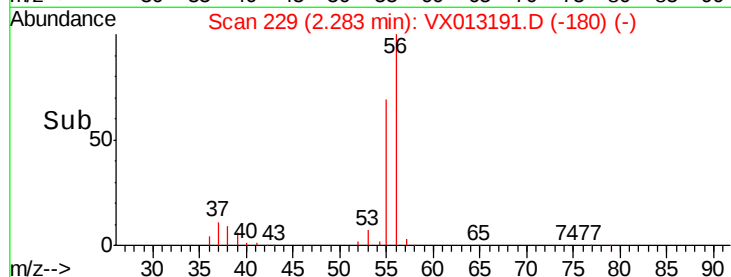
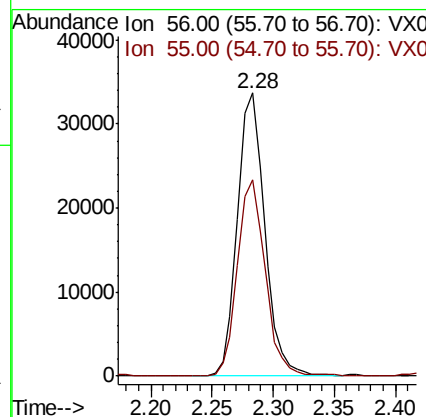
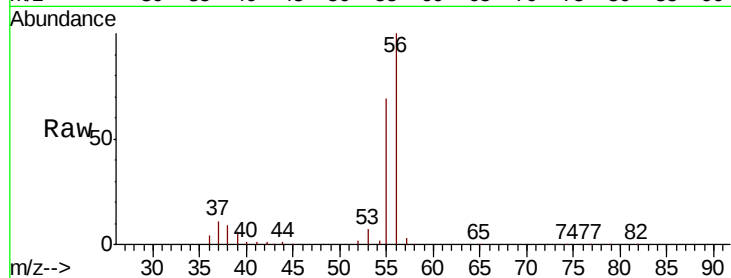




#13
Acrolein
Concen: 234.534 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

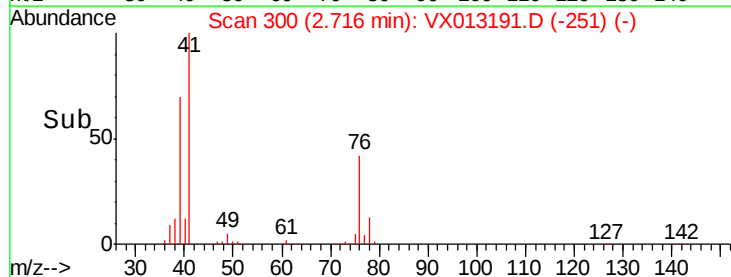
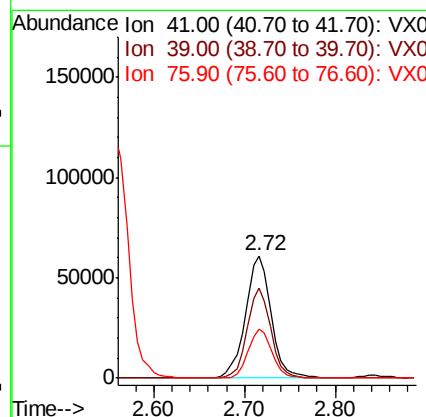
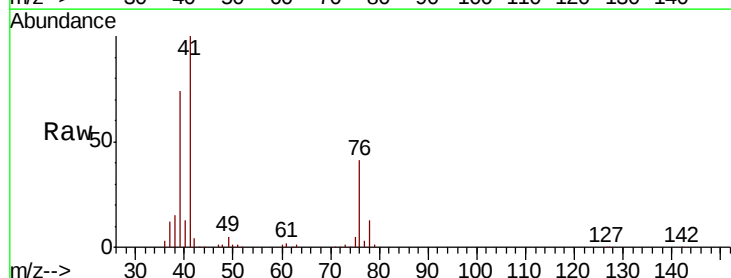
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

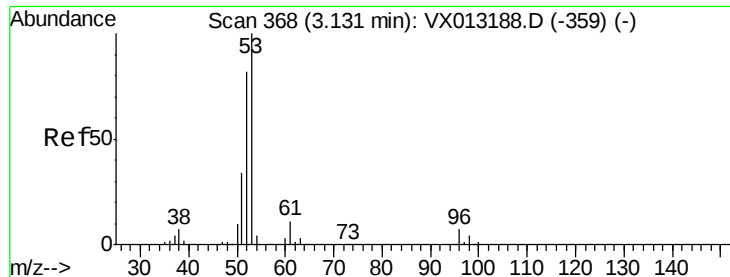
Tot Ion: 56 Resp: 52191
Ion Ratio Lower Upper
56 100
55 70.8 58.9 88.3



#14
Allyl chloride
Concen: 49.219 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 41 Resp: 119699
Ion Ratio Lower Upper
41 100
39 67.6 54.6 81.8
76 37.0 29.8 44.6





#15

Acrylonitrile

Concen: 247.214 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

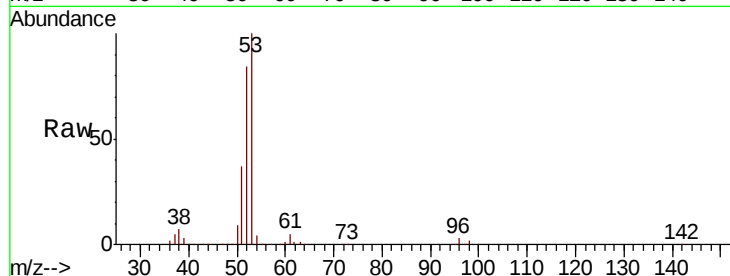
Tot Ion: 53 Resp: 206674

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

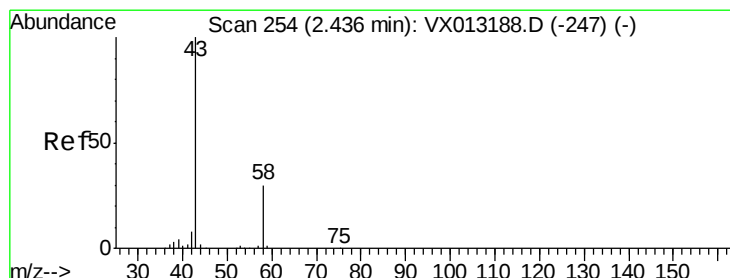
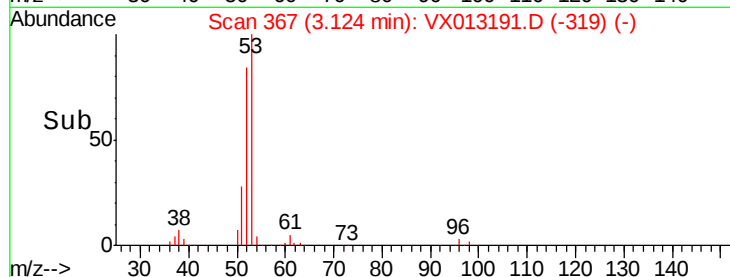
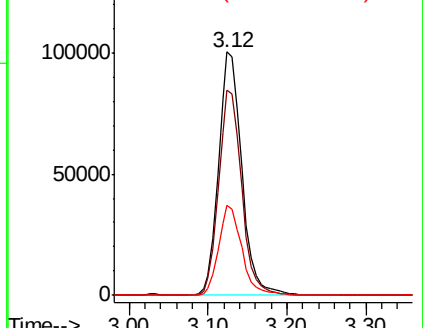
51 37.0 29.4 44.2



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: 247.625 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013191.D

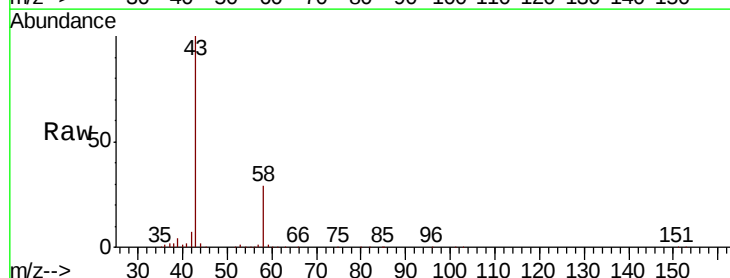
Acq: 23 Oct 2019 16:26

Tgt Ion: 43 Resp: 221269

Ion Ratio Lower Upper

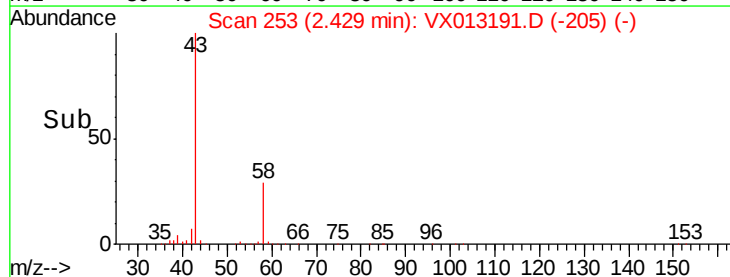
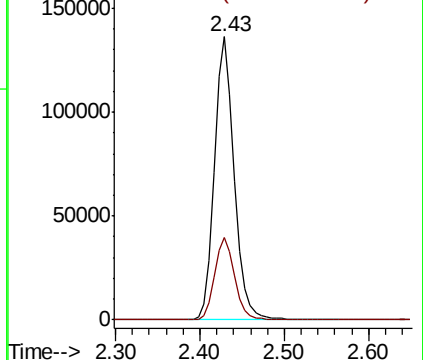
43 100

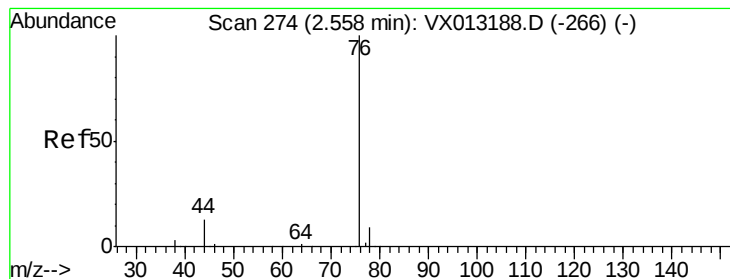
58 29.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.894 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

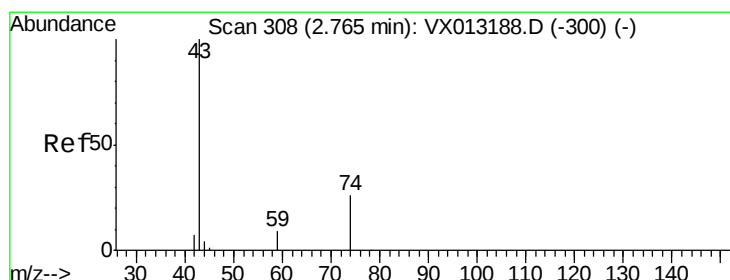
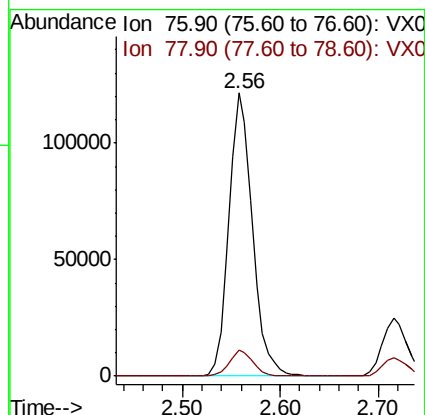
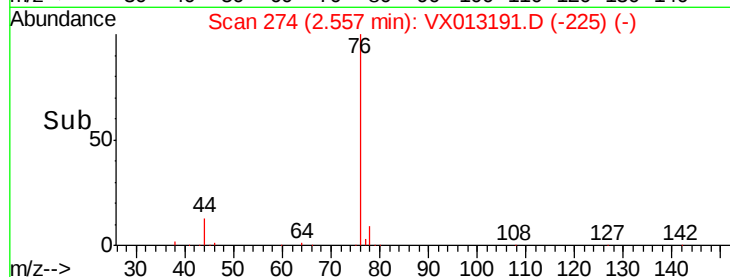
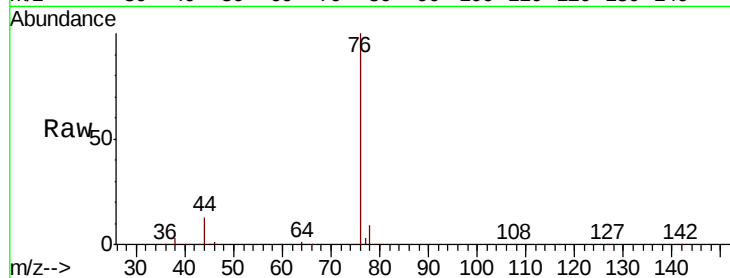
ICVVX102419

Tot Ion: 76 Resp: 203062

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 51.115 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX013191.D

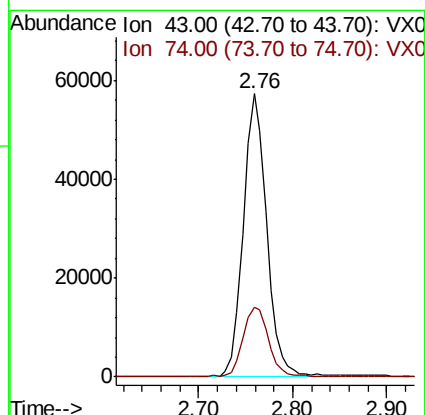
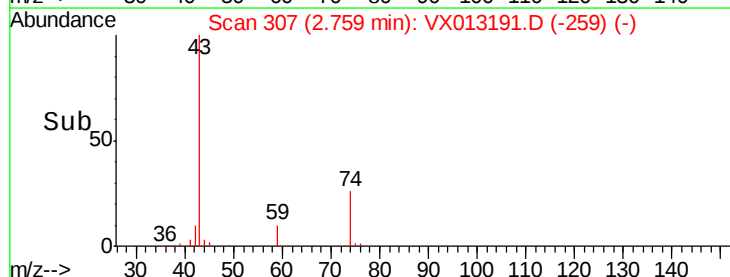
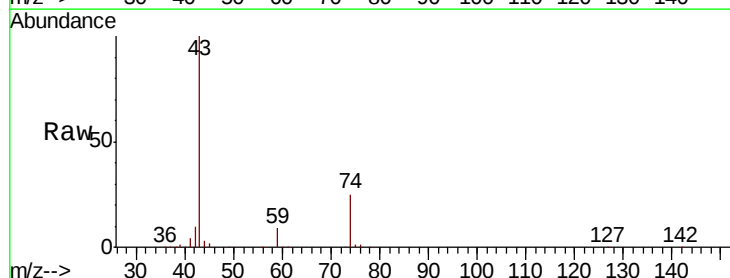
Acq: 23 Oct 2019 16:26

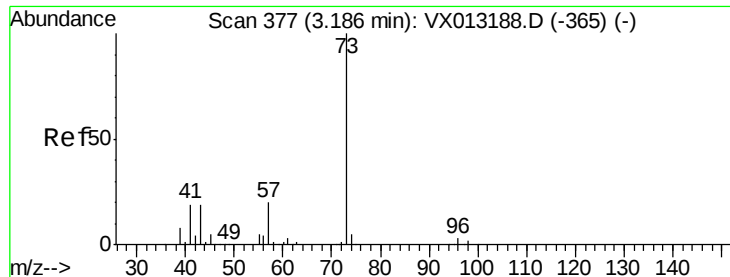
Tgt Ion: 43 Resp: 99776

Ion Ratio Lower Upper

43 100

74 26.9 20.9 31.3

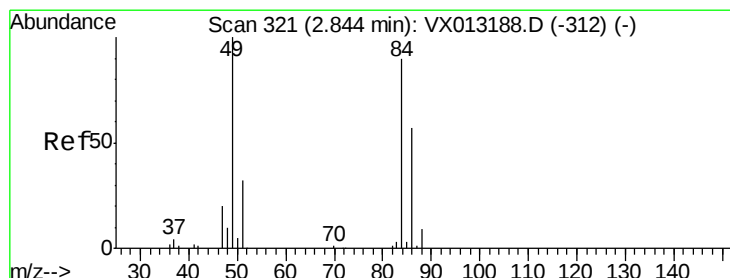
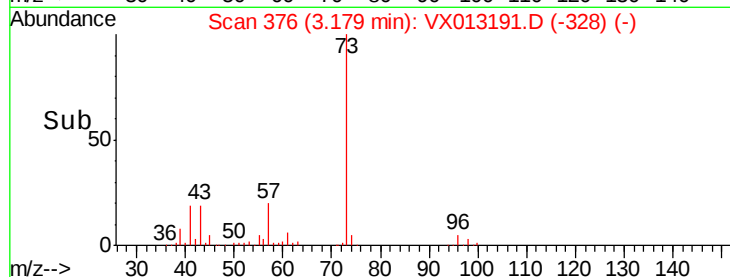
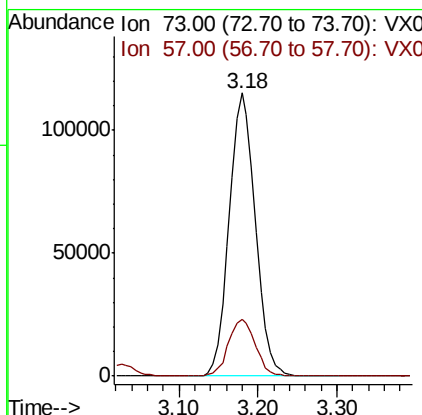
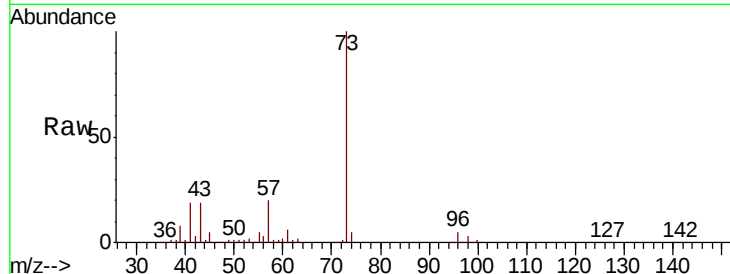




#19
Methyl tert-butyl Ether
Concen: 48.839 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

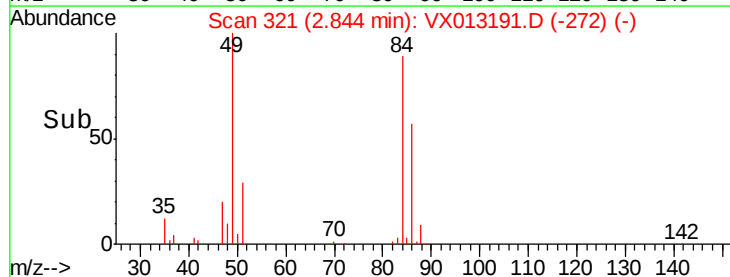
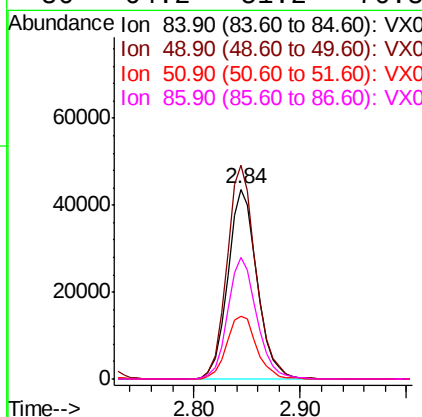
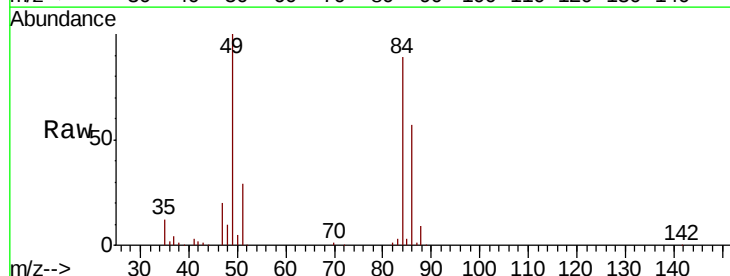
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

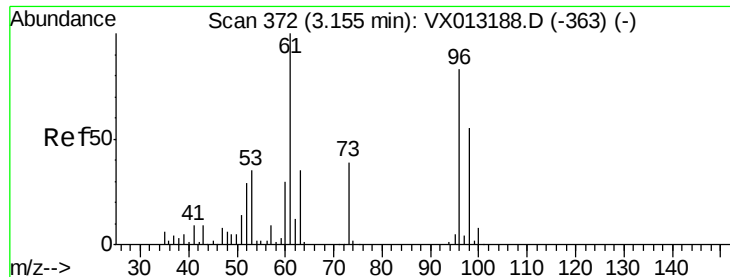
Tot Ion: 73 Resp: 265683
Ion Ratio Lower Upper
73 100
57 20.0 15.8 23.8



#20
Methylene Chloride
Concen: 50.238 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 84 Resp: 83950
Ion Ratio Lower Upper
84 100
49 112.5 89.2 133.8
51 32.7 28.8 43.2
86 64.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.598 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

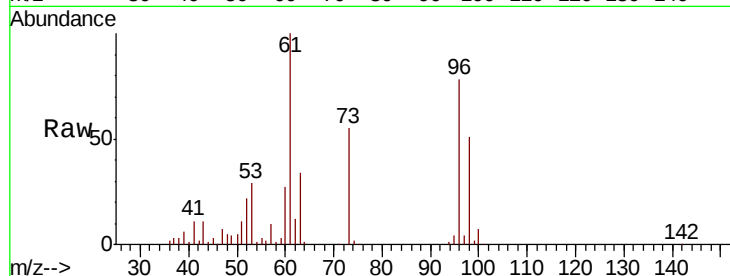
Tot Ion: 96 Resp: 81336

Ion Ratio Lower Upper

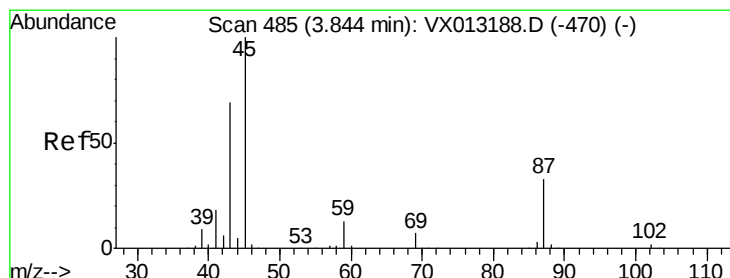
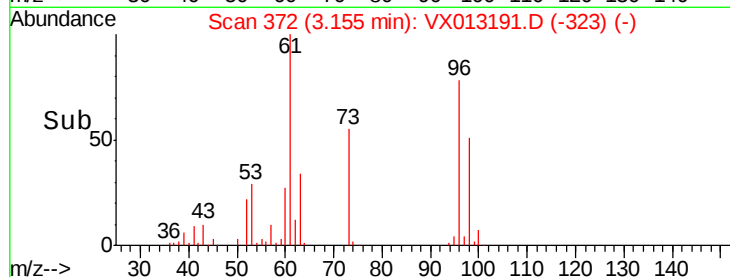
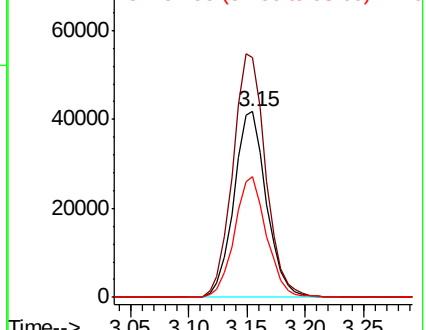
96 100

61 128.7 96.9 145.3

98 65.3 53.0 79.4



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



#22

Diisopropyl ether

Concen: 48.785 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion: 45 Resp: 231985

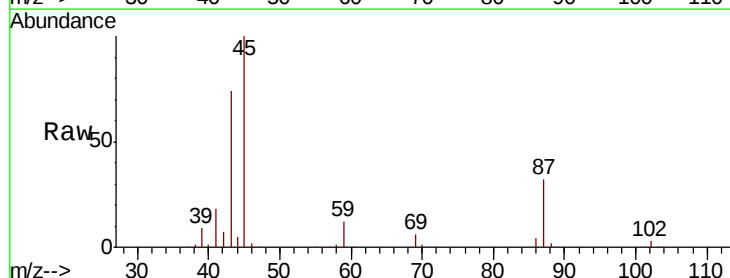
Ion Ratio Lower Upper

45 100

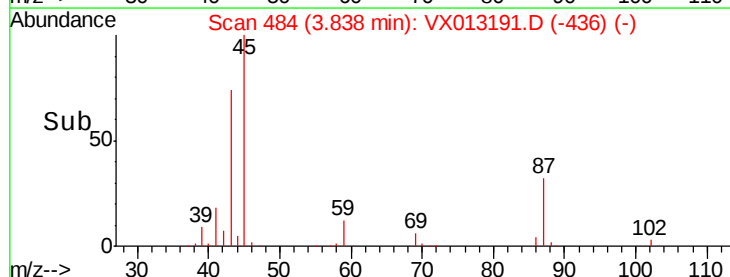
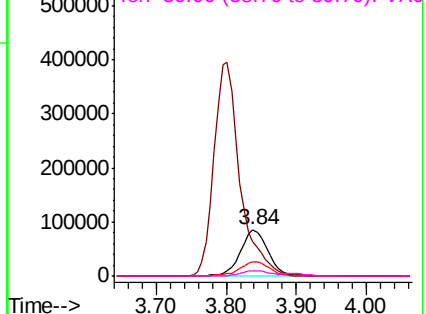
43 73.1 55.5 83.3

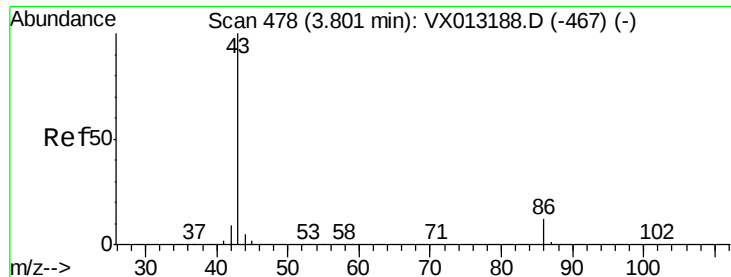
87 31.7 26.7 40.1

59 11.8 10.2 15.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.465 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

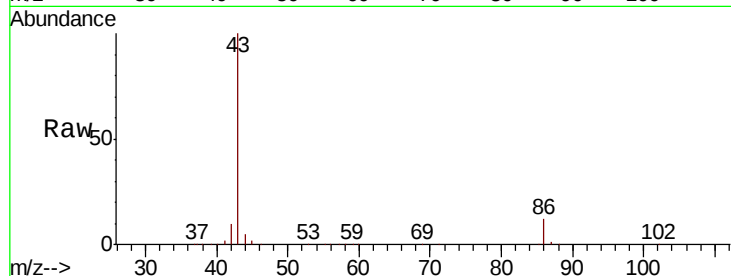
ICVVX102419

Tot Ion: 43 Resp: 1024440

Ion Ratio Lower Upper

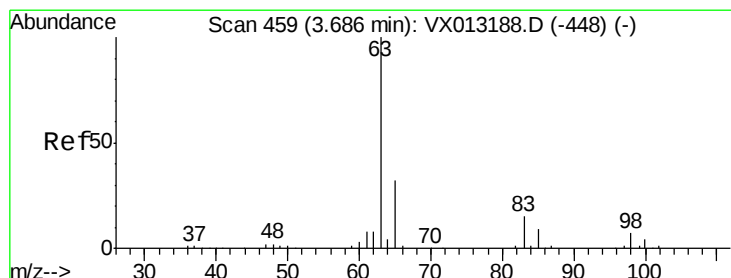
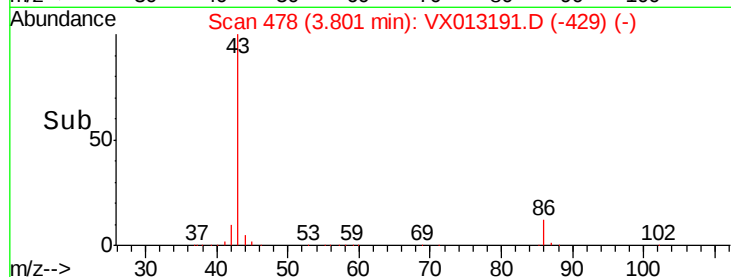
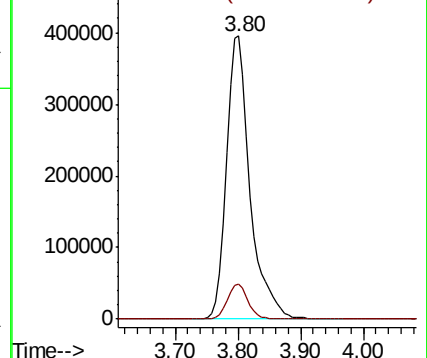
43 100

86 12.2 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.737 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

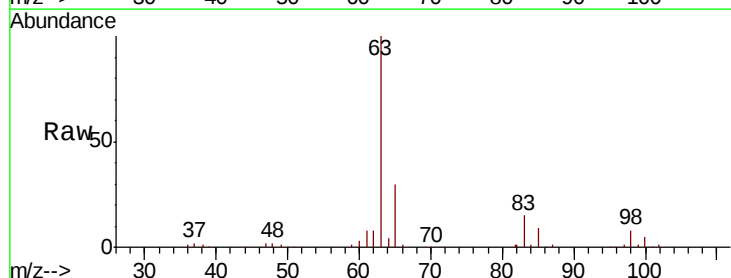
Tgt Ion: 63 Resp: 142551

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

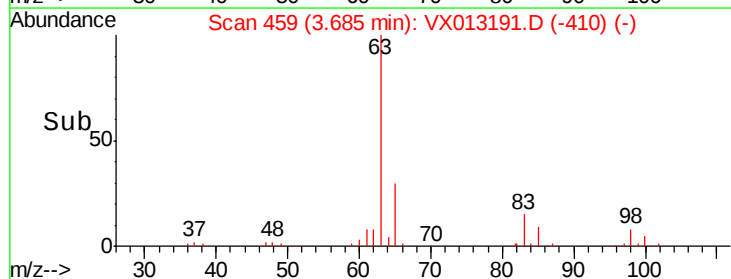
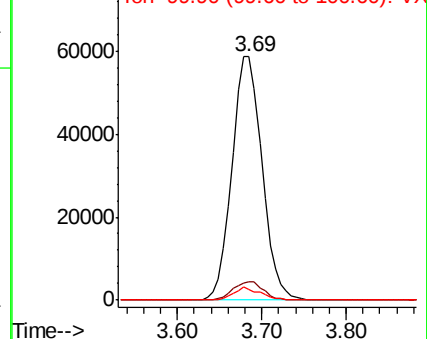
100 4.6 2.2 6.6

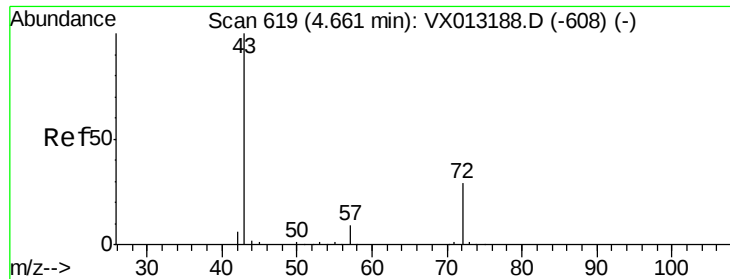


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.995 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

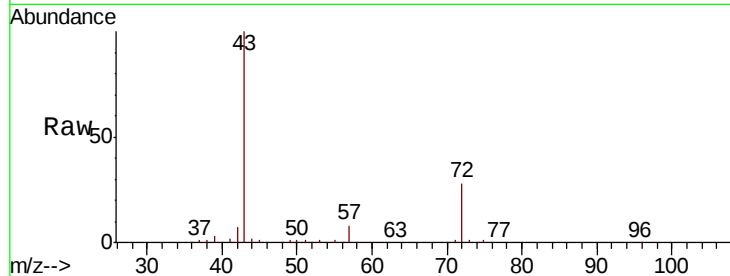
ICVVX102419

Tot Ion: 43 Resp: 301981

Ion Ratio Lower Upper

43 100

72 28.0 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

20000

0

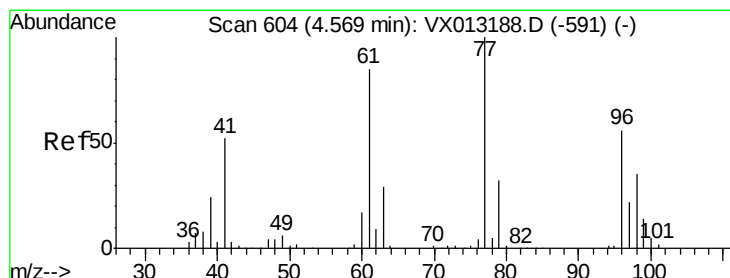
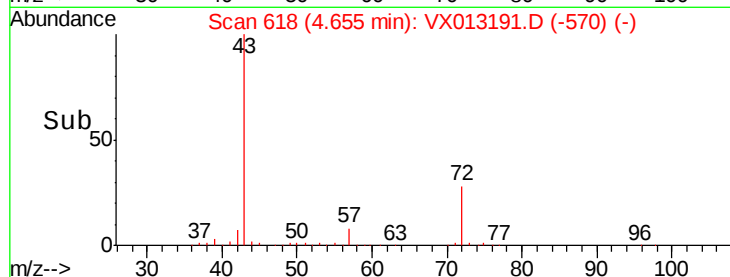
4.65

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.705 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013191.D

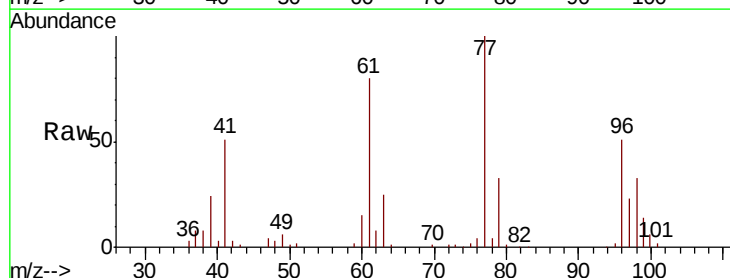
Acq: 23 Oct 2019 16:26

Tgt Ion: 77 Resp: 134362

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

0

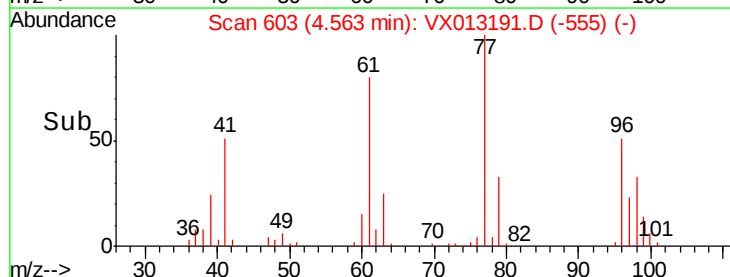
4.56

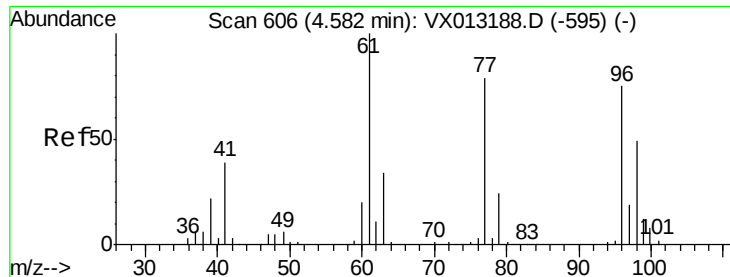
4.50

4.60

4.70

Time-->



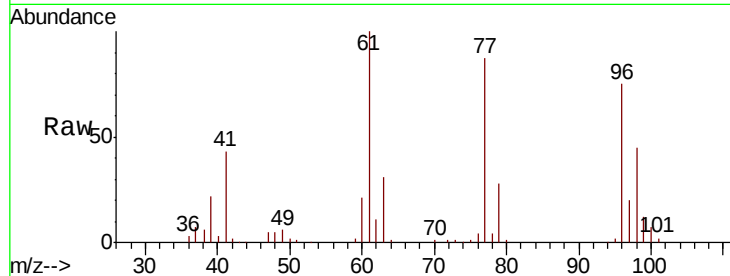


#27

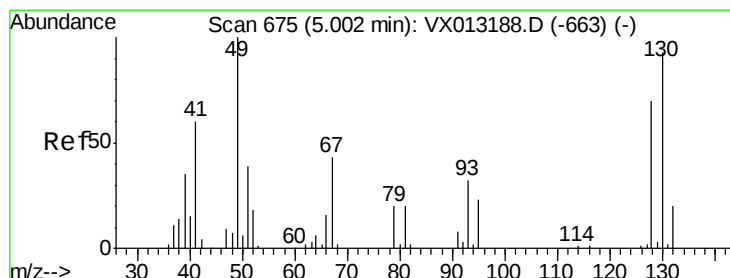
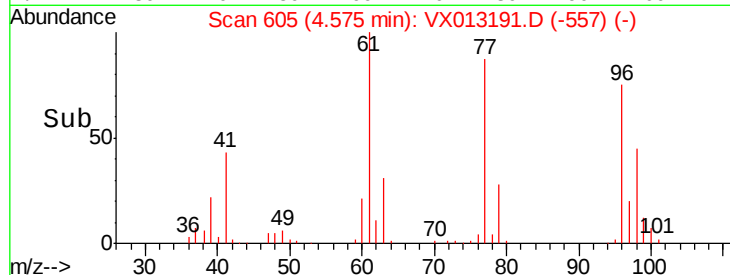
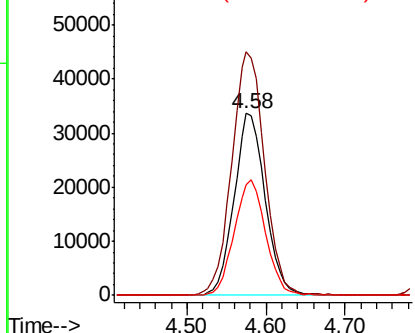
cis-1,2-Dichloroethene
Concen: 48.809 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion: 96 Resp: 92340
Ion Ratio Lower Upper
96 100
61 140.6 0.0 290.4
98 64.2 0.0 130.4



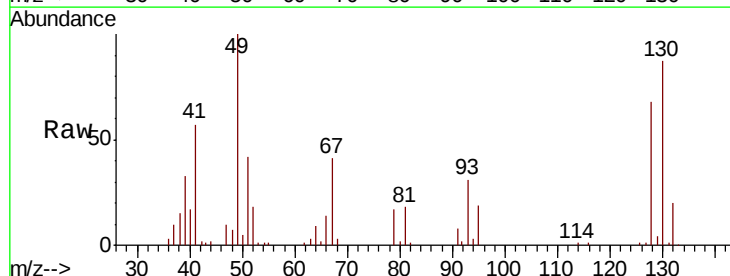
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



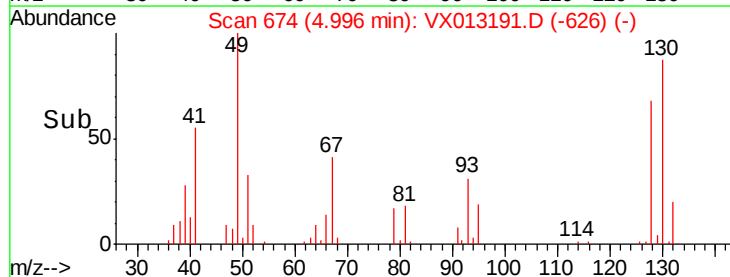
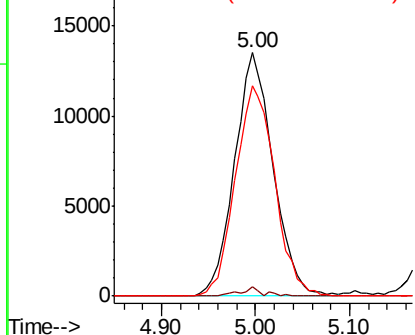
#28

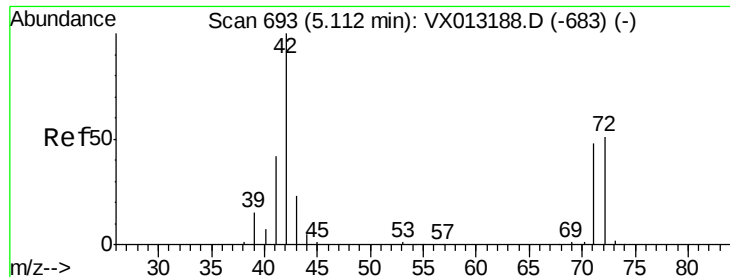
Bromochloromethane
Concen: 51.341 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 49 Resp: 38721
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.8
130 88.2 71.8 107.8



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

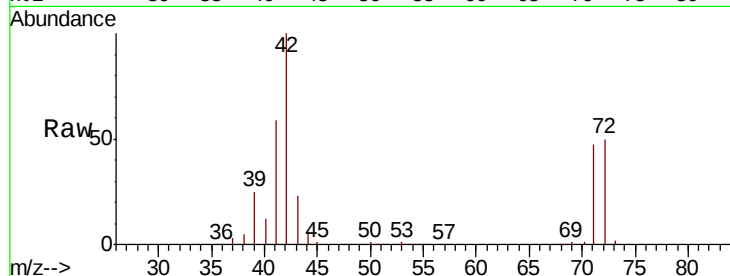




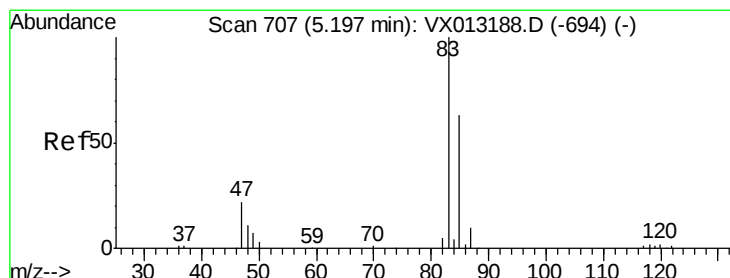
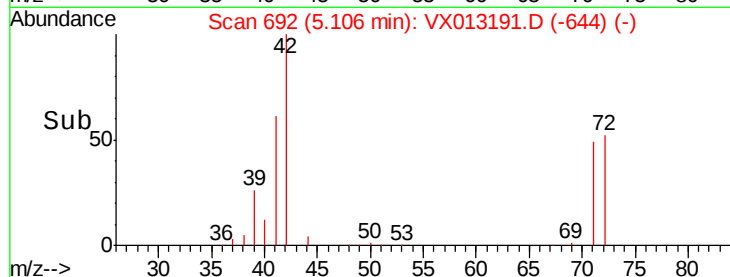
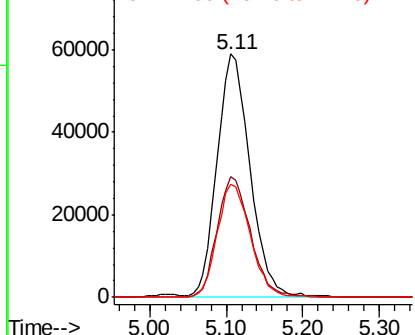
#29
Tetrahydrofuran
Concen: 243.367 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion: 42 Resp: 175791
Ion Ratio Lower Upper
42 100
72 50.6 40.9 61.3
71 47.0 38.6 57.8

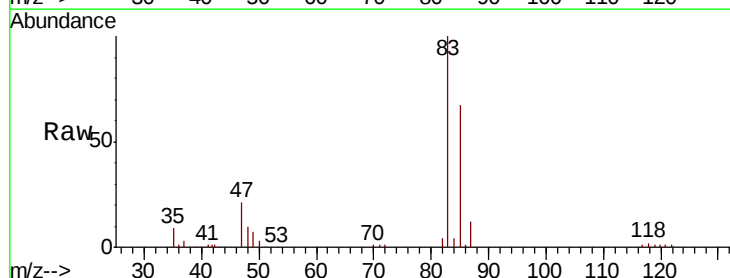


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

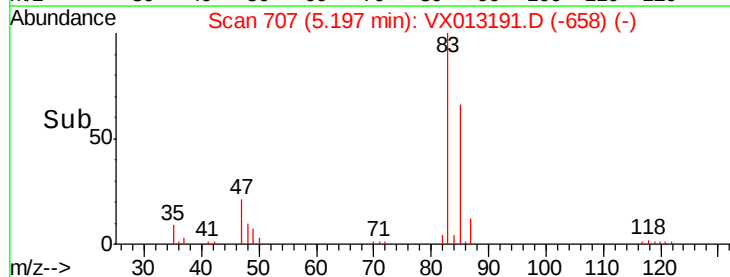
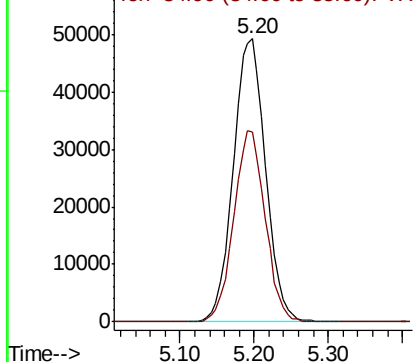


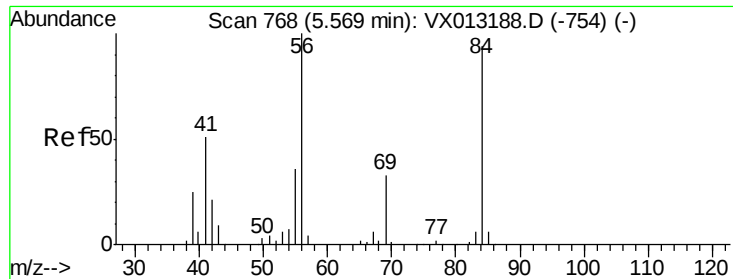
#30
Chloroform
Concen: 47.963 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 83 Resp: 149363
Ion Ratio Lower Upper
83 100
85 67.3 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

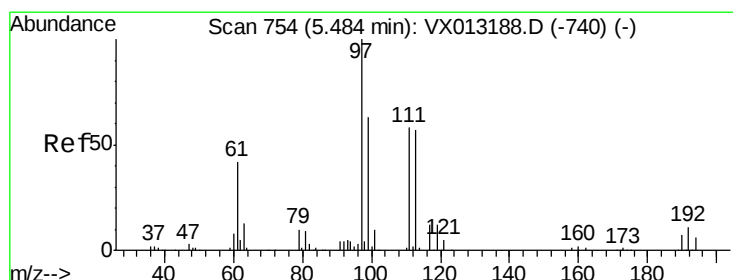
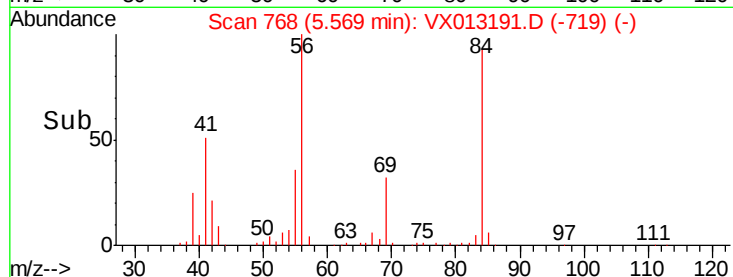
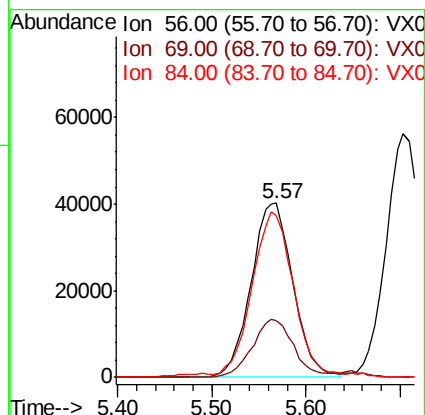
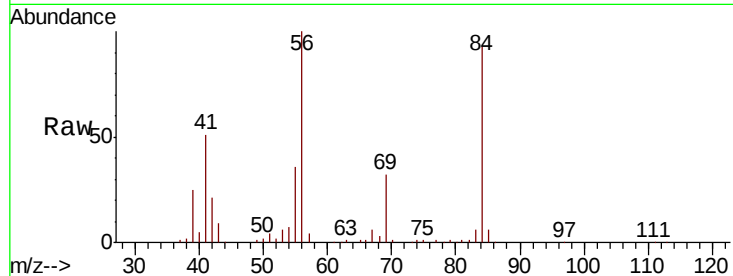




#31
Cyclohexane
Concen: 51.052 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

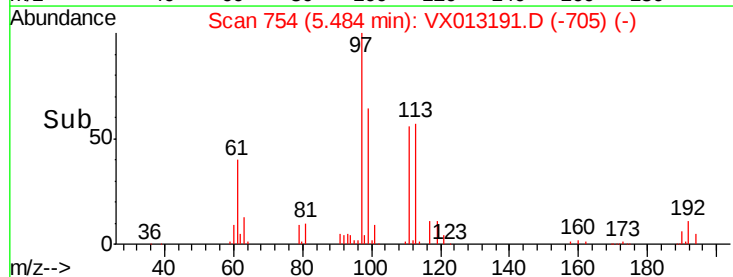
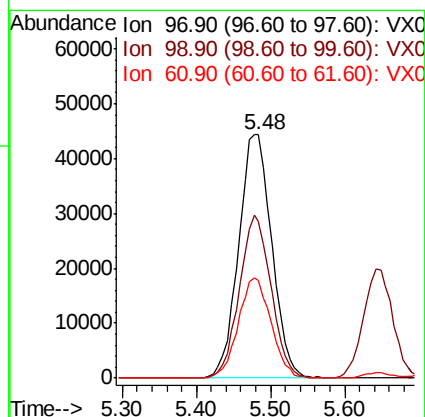
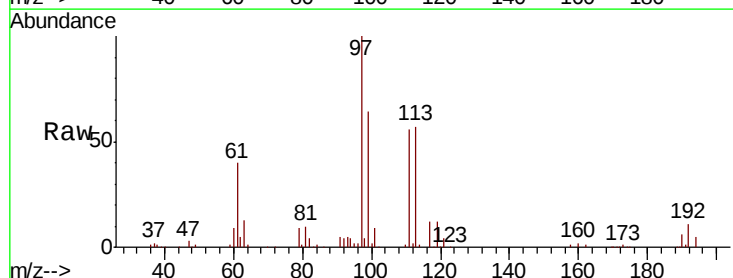
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

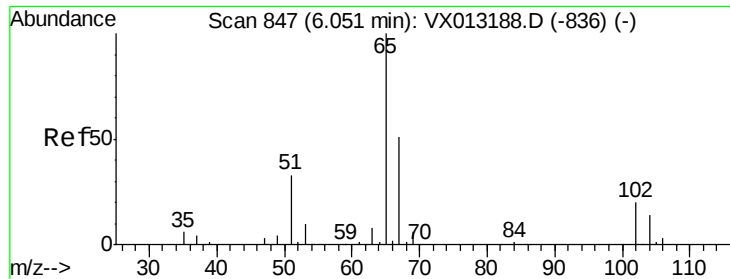
Tot Ion: 56 Resp: 125226
Ion Ratio Lower Upper
56 100
69 32.4 26.3 39.5
84 91.3 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 50.052 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 97 Resp: 138589
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 40.6 32.8 49.2

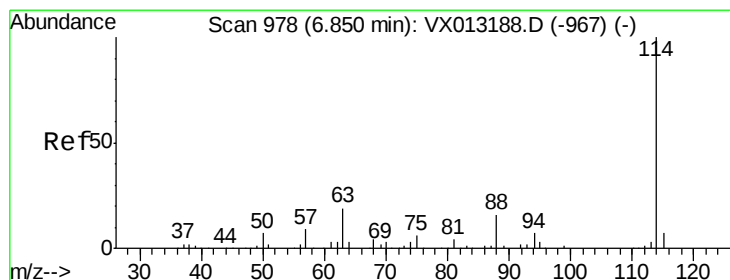
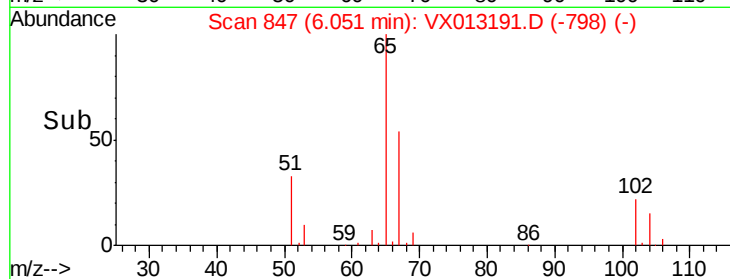
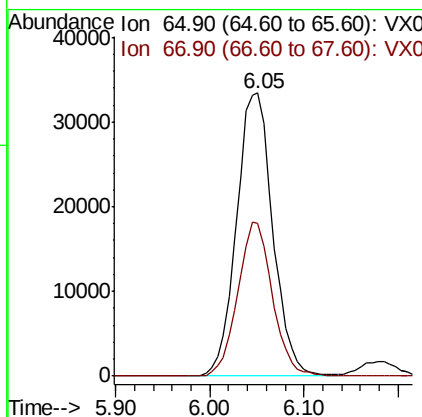
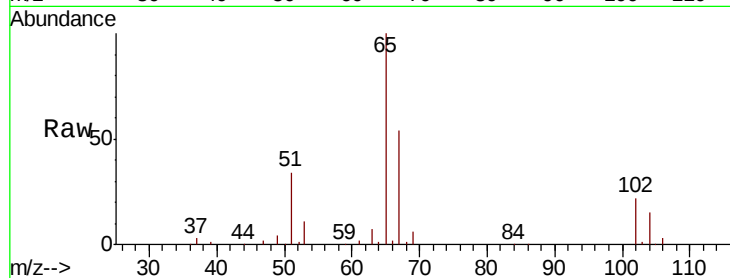




#33
 1,2-Dichloroethane-d4
 Concen: 47.305 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

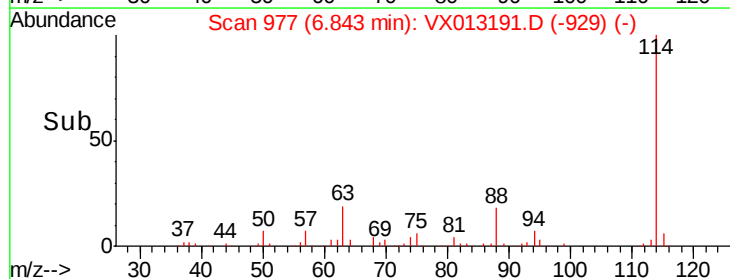
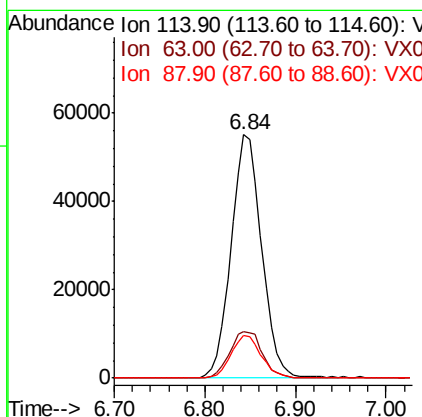
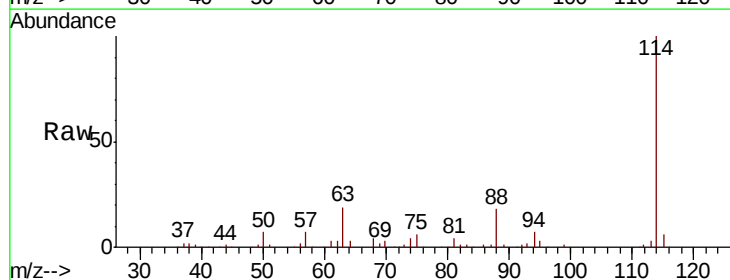
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

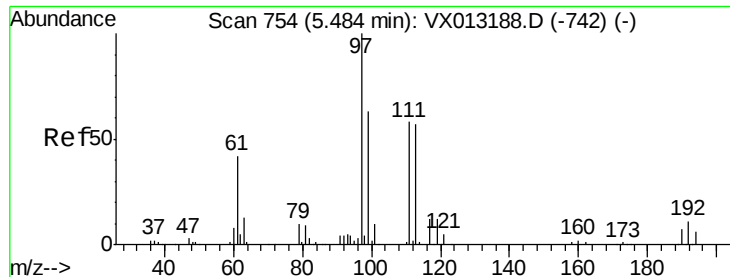
Tot Ion: 65 Resp: 89722
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion: 114 Resp: 129769
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.0
 88 17.5 0.0 32.0

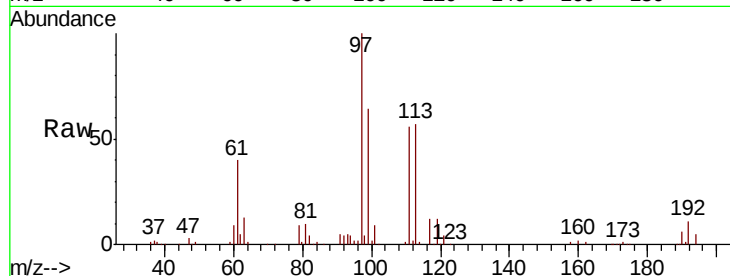




#35
 Dibromofluoromethane
 Concen: 50.175 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.3	120.5
192	19.9	15.9	23.9

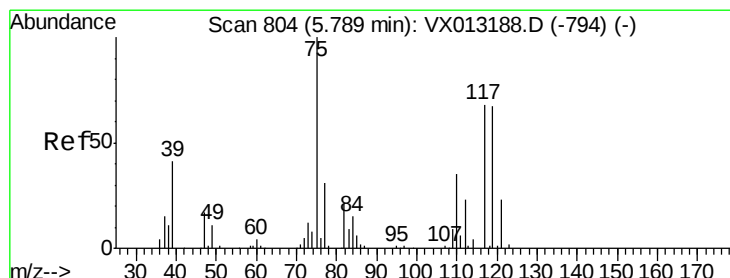
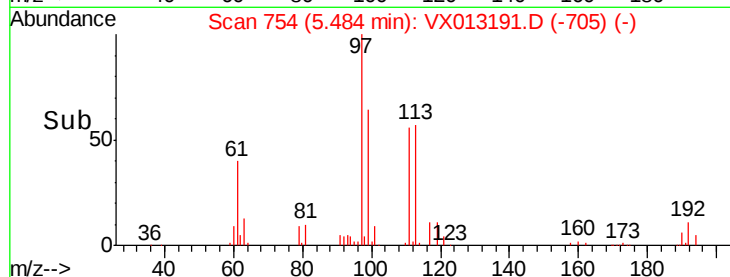
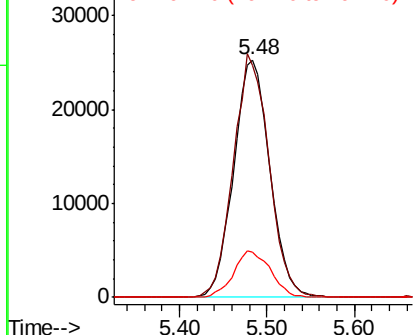


Abundance

Ion 112.80 (112.50 to 113.50): V

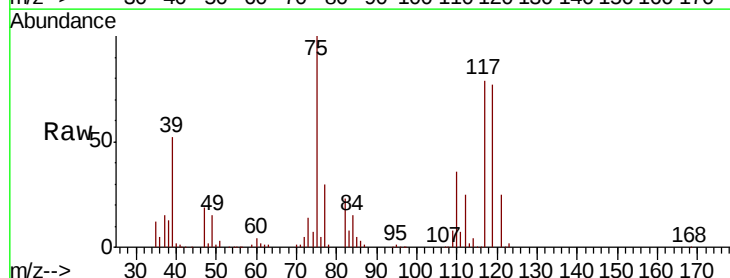
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 52.064 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.6	52.9
77	30.9	24.7	37.1

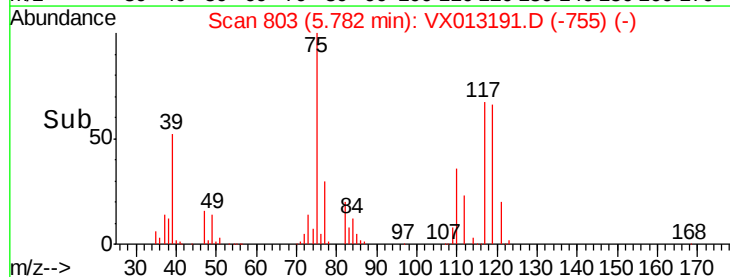
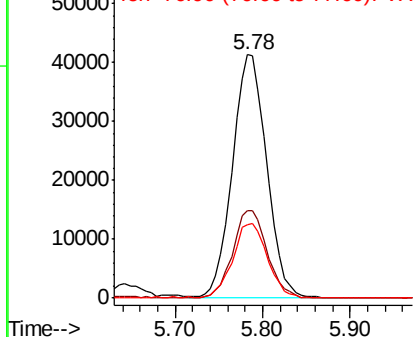


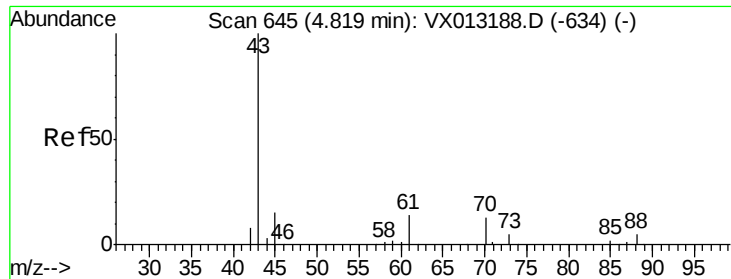
Abundance

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

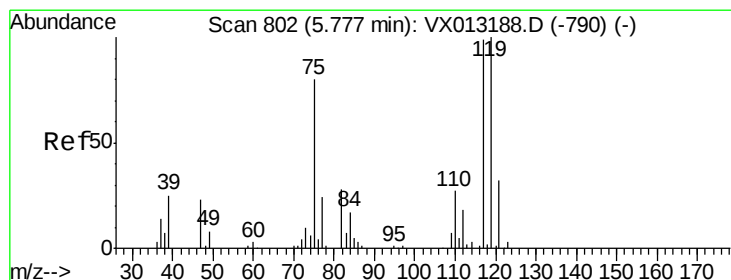
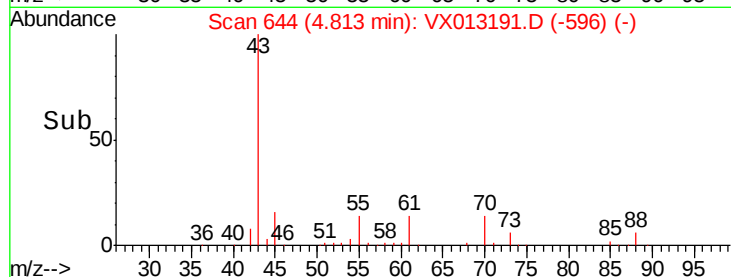
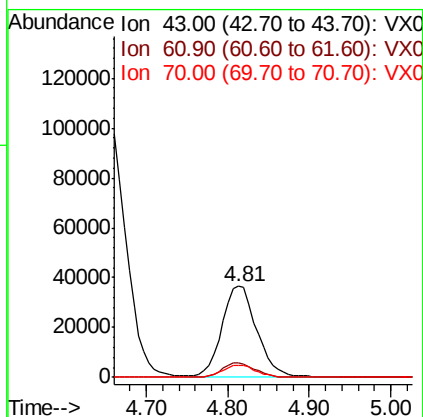
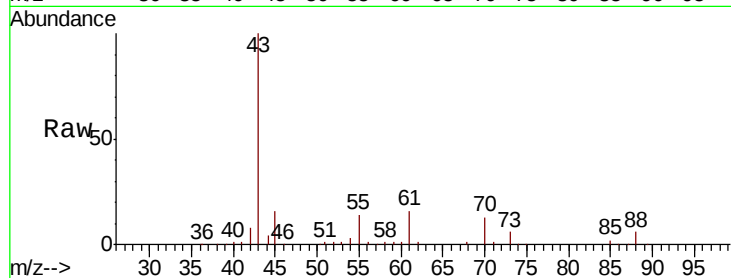




#37
Ethyl Acetate
Concen: 49.627 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

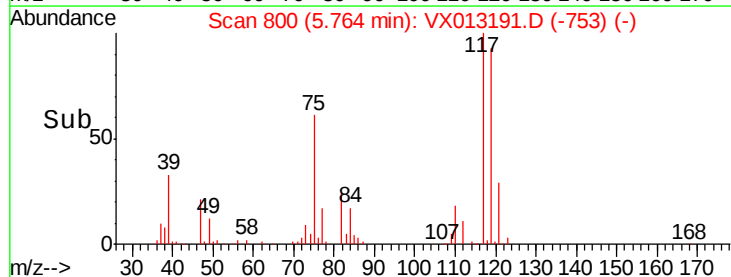
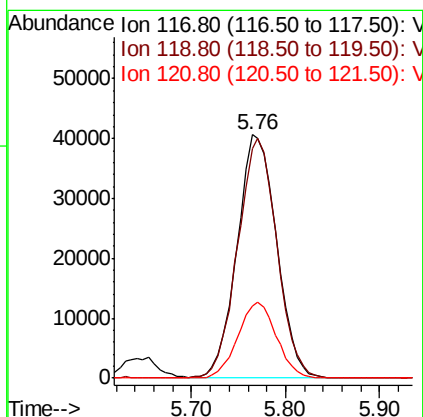
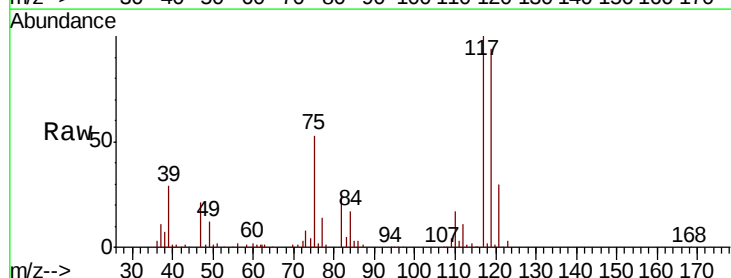
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

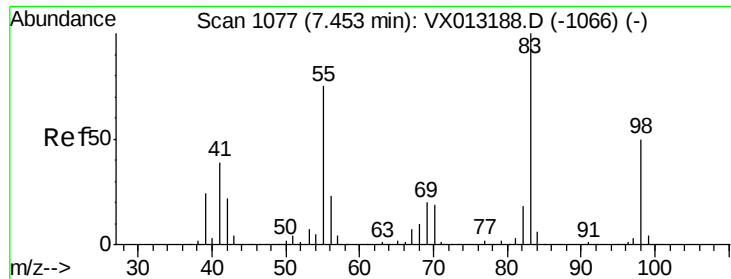
Tot Ion: 43 Resp: 107319
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 13.4 10.4 15.6



#38
Carbon Tetrachloride
Concen: 49.624 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 117 Resp: 119030
Ion Ratio Lower Upper
117 100
119 94.1 80.1 120.1
121 29.6 25.5 38.3

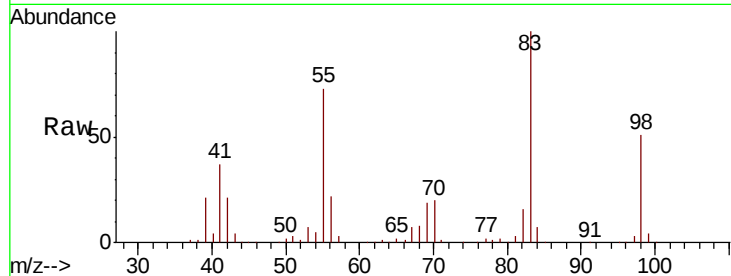




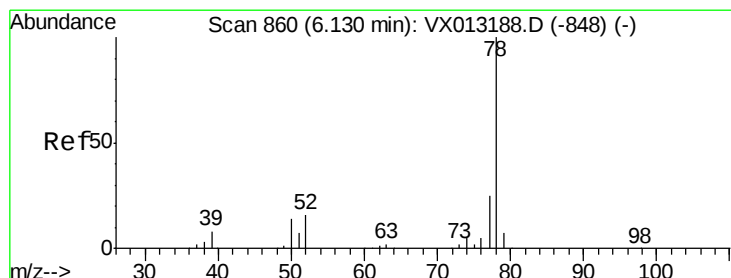
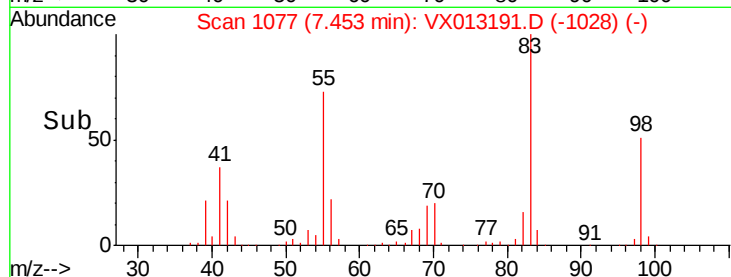
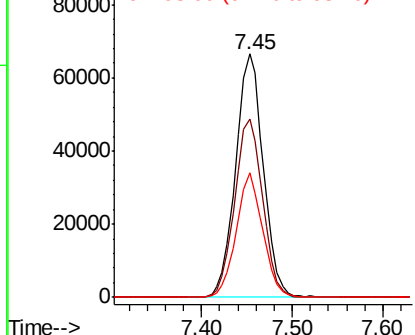
#39
Methvlcvclohexane
Concen: 50.618 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion: 83 Resp: 140622
Ion Ratio Lower Upper
83 100
55 73.1 60.1 90.1
98 50.9 39.8 59.8

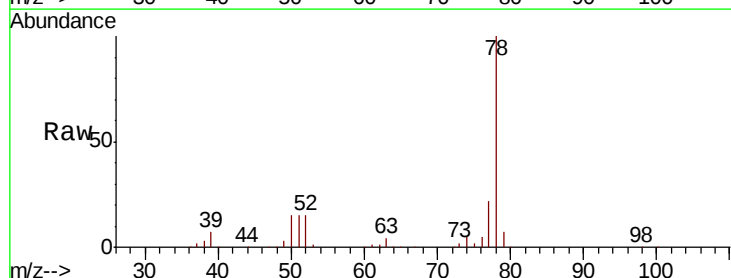


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

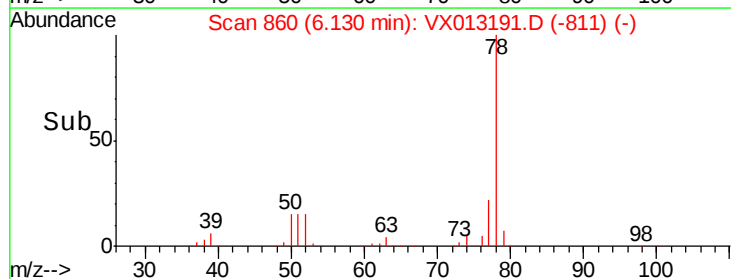
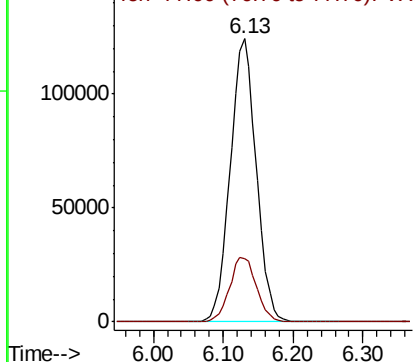


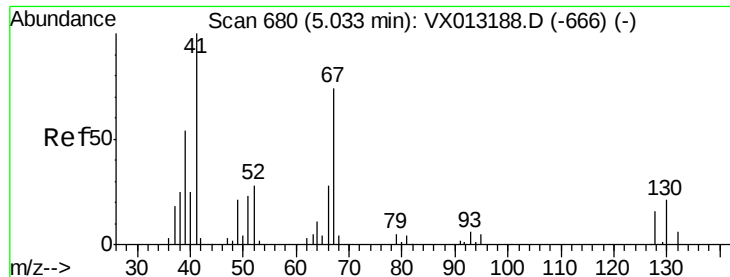
#40
Benzene
Concen: 49.197 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 78 Resp: 320673
Ion Ratio Lower Upper
78 100
77 22.4 19.6 29.4



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





#41

Methacrylonitrile

Concen: 52.082 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

Tot Ion: 41 Resp: 60383

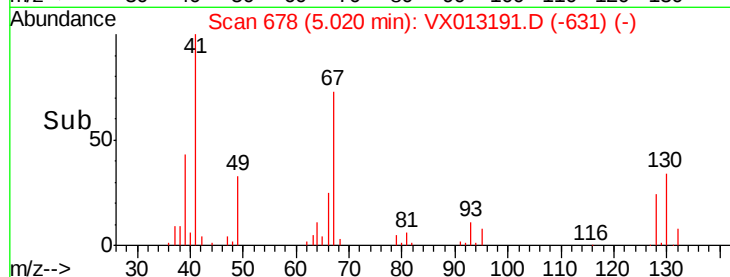
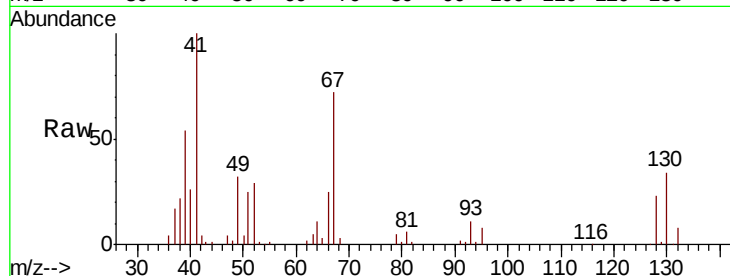
Ion Ratio Lower Upper

41 100

39 55.2 45.2 67.8

67 75.8 61.3 91.9

52 31.0 25.1 37.7

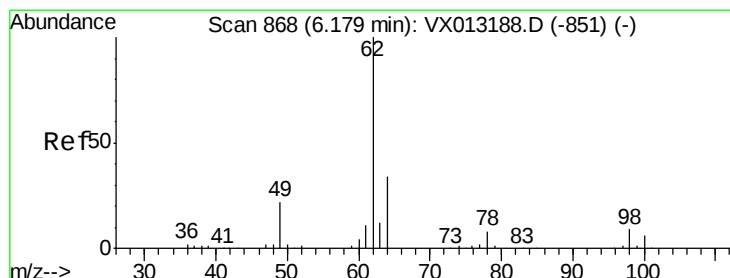
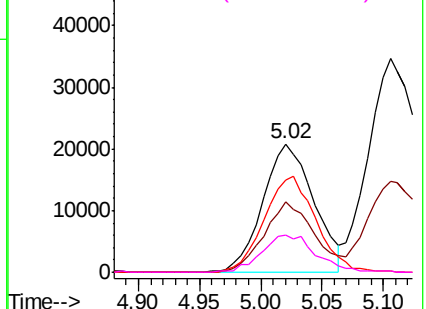


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.820 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013191.D

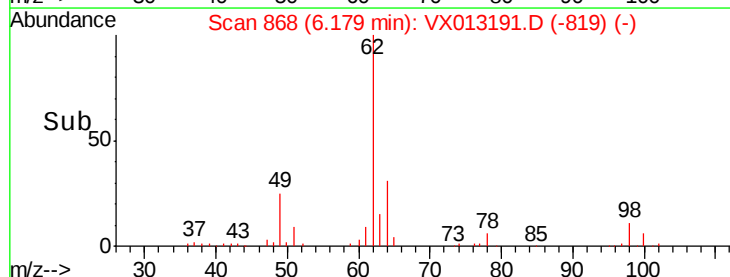
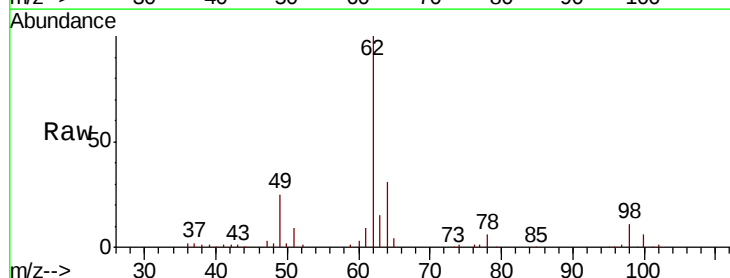
Acq: 23 Oct 2019 16:26

Tgt Ion: 62 Resp: 119978

Ion Ratio Lower Upper

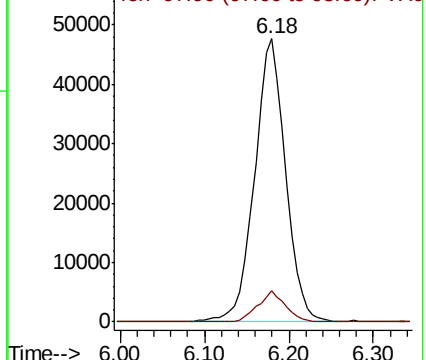
62 100

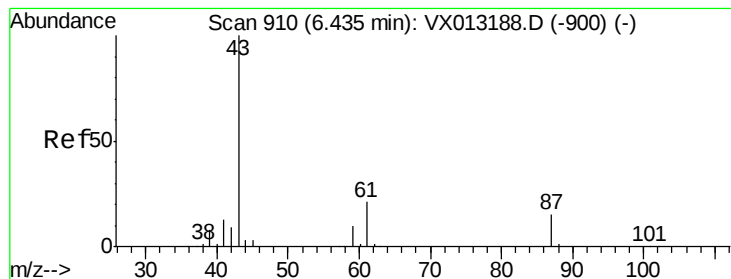
98 9.8 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.769 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

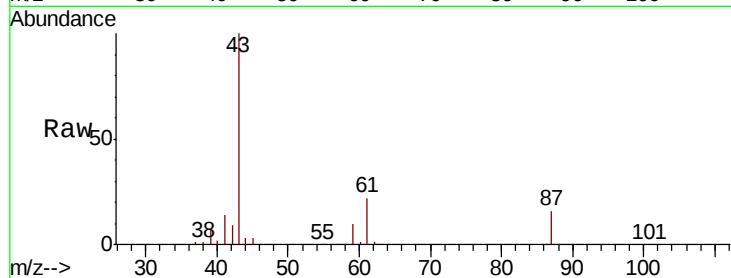
Tot Ion: 43 Resp: 182284

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

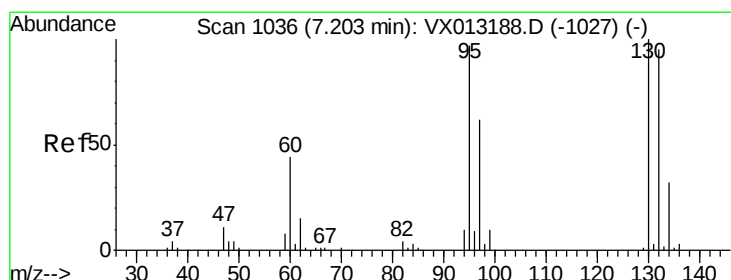
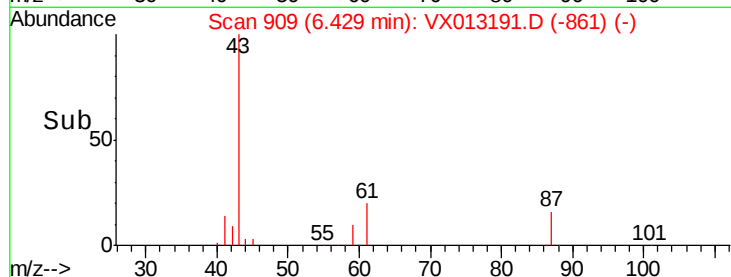
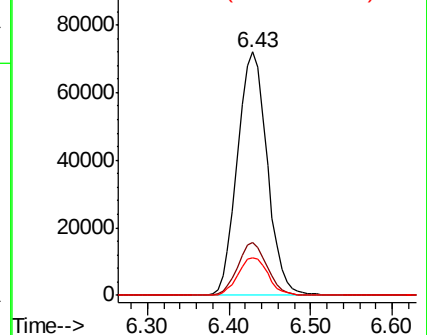
87 15.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.649 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013191.D

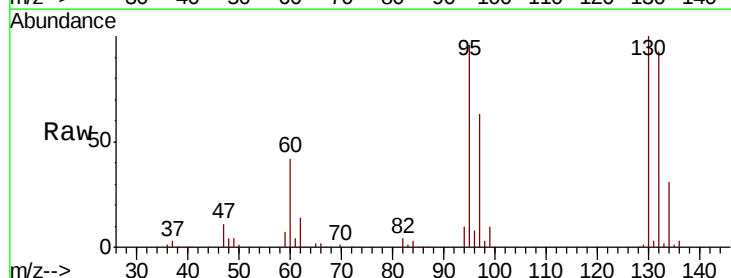
Acq: 23 Oct 2019 16:26

Tgt Ion:130 Resp: 89998

Ion Ratio Lower Upper

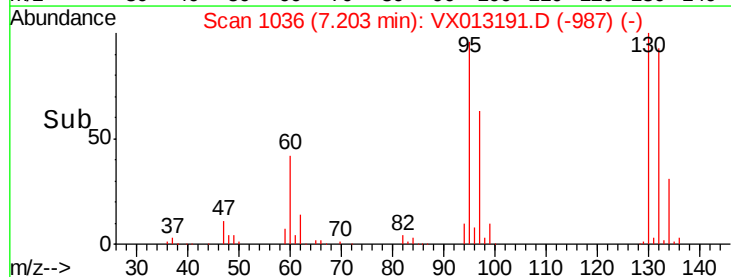
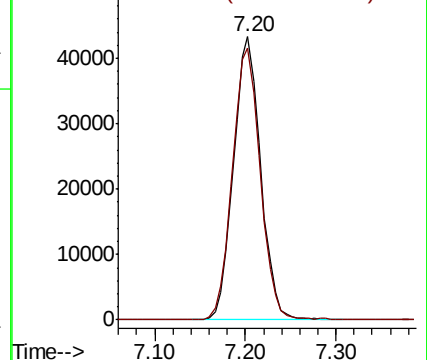
130 100

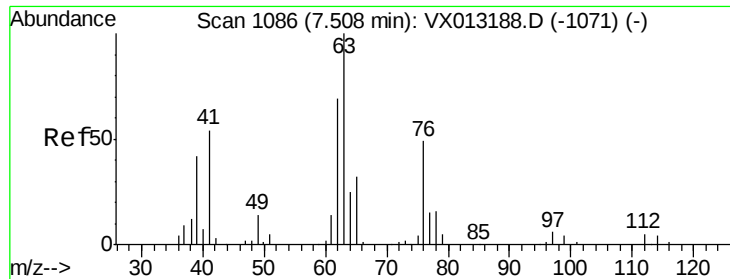
95 96.0 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

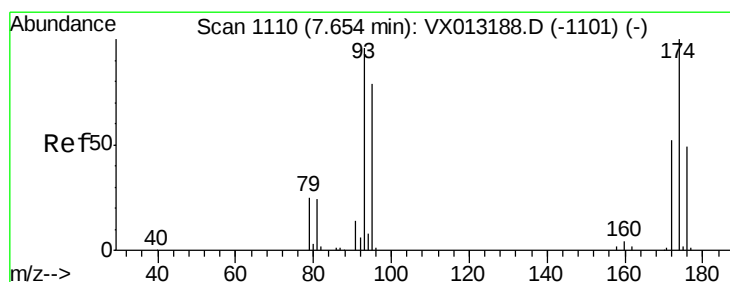
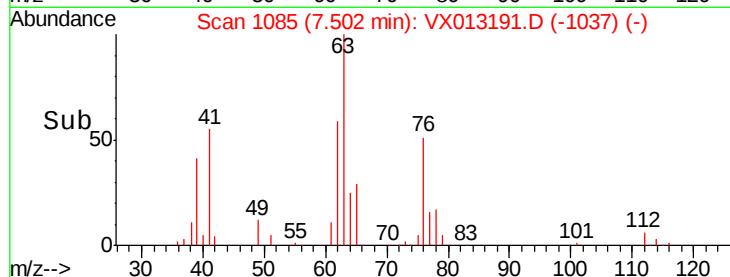
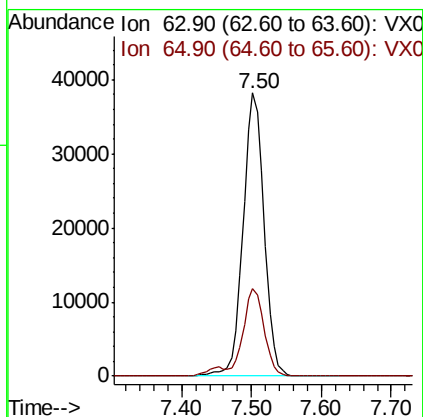
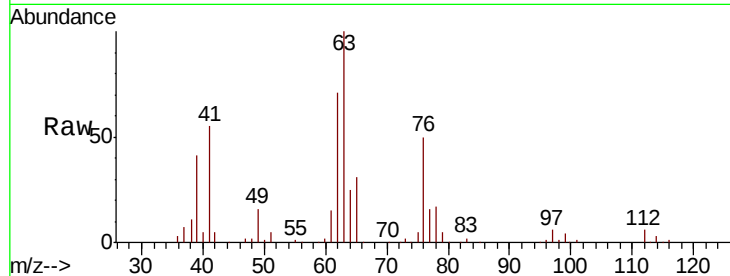




#45
 1,2-Dichloropropane
 Concen: 48.784 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

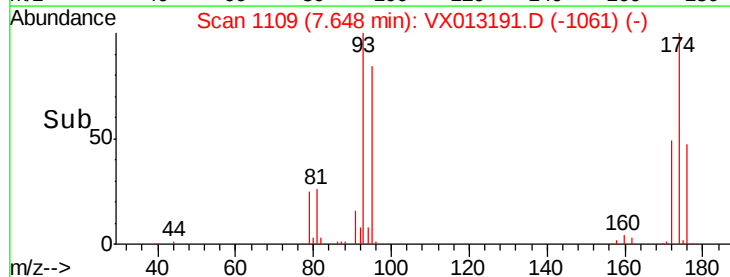
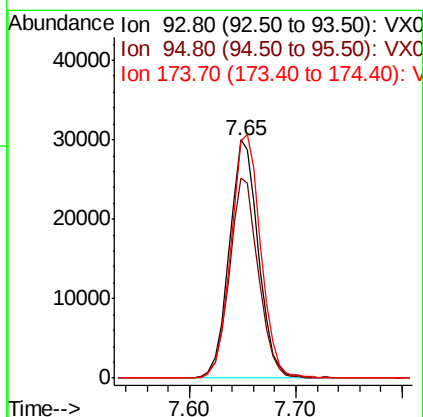
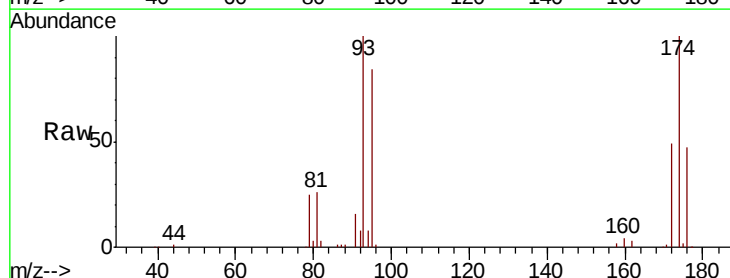
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

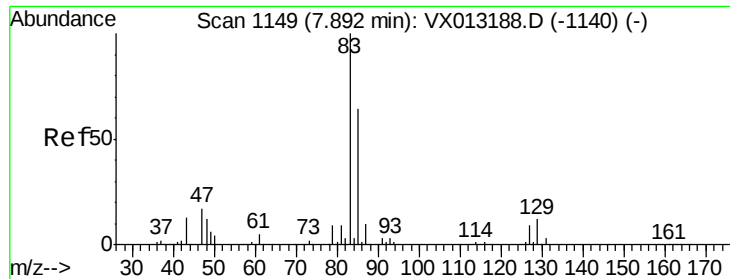
Tot Ion: 63 Resp: 79643
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.3 37.9



#46
 Dibromomethane
 Concen: 48.746 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion: 93 Resp: 57335
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.2 99.4
 174 105.1 85.2 127.8





#47

Bromodichloromethane

Concen: 51.470 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

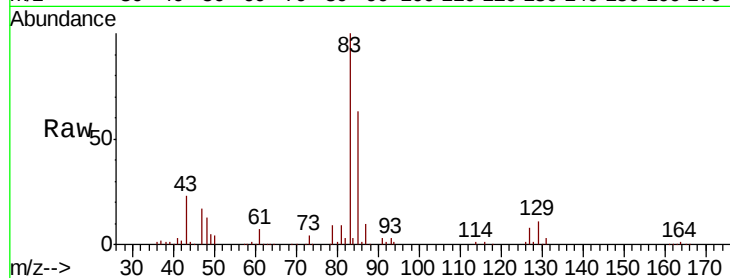
Tot Ion: 83 Resp: 117979

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.6

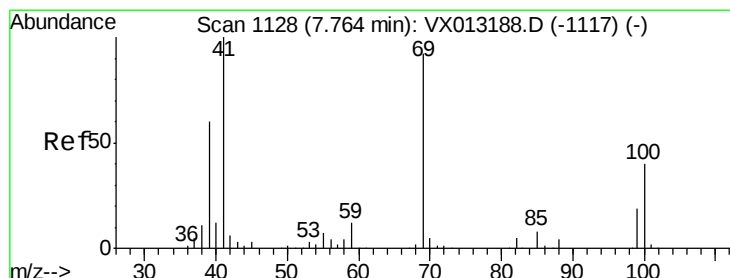
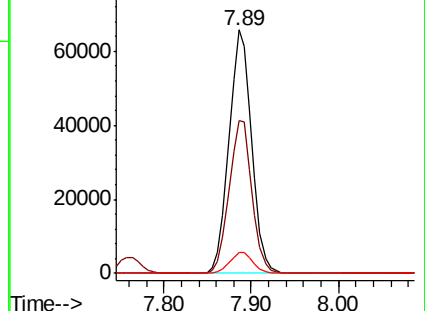
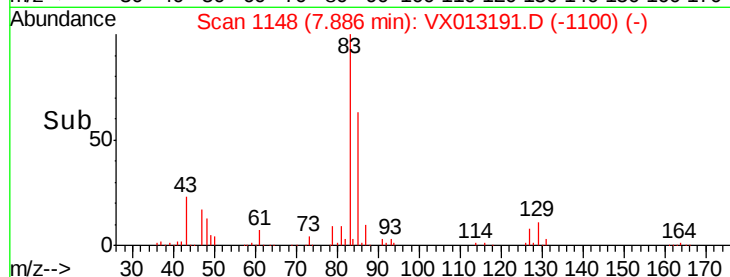
127 8.3 7.2 10.8



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): V



#48

Methyl methacrylate

Concen: 50.762 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

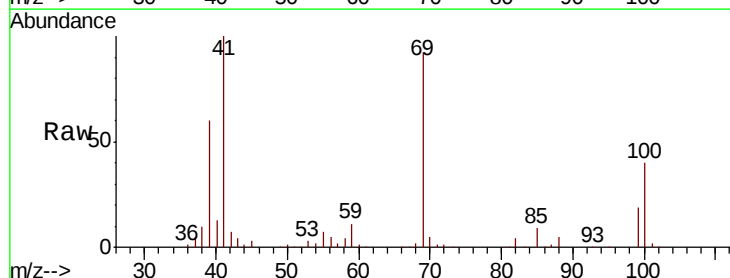
Tgt Ion: 41 Resp: 90082

Ion Ratio Lower Upper

41 100

69 88.3 72.0 108.0

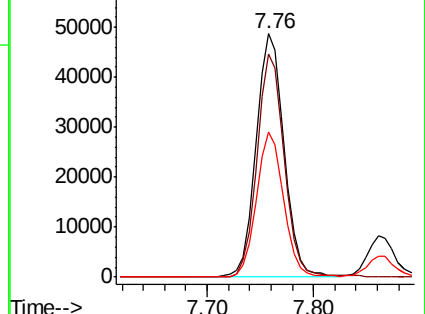
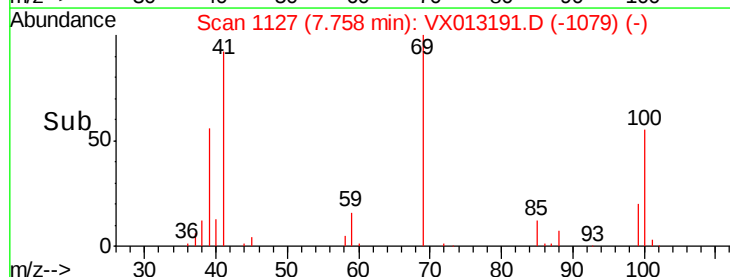
39 57.6 47.4 71.0

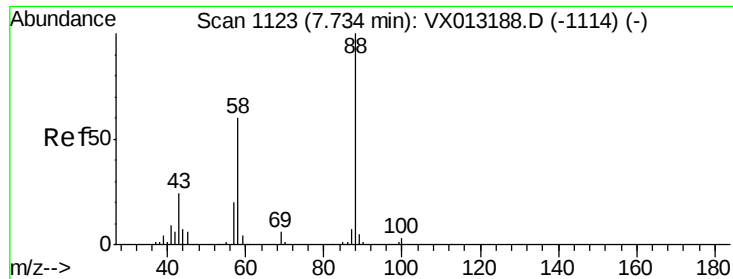


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

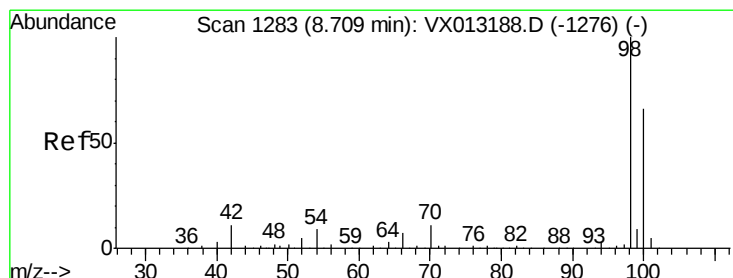
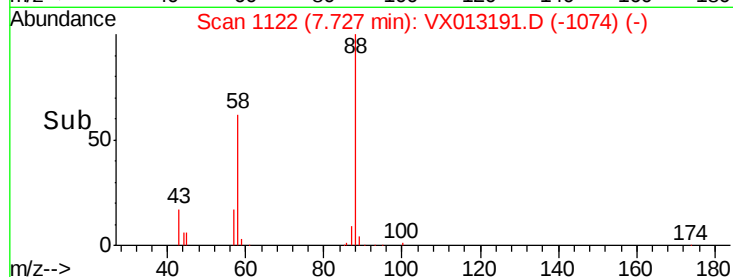
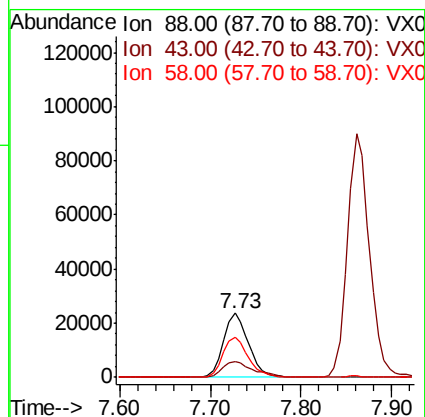
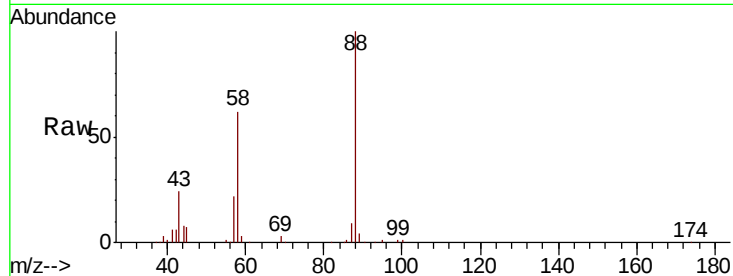




#49
1,4-Dioxane
Concen: 1006.394 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

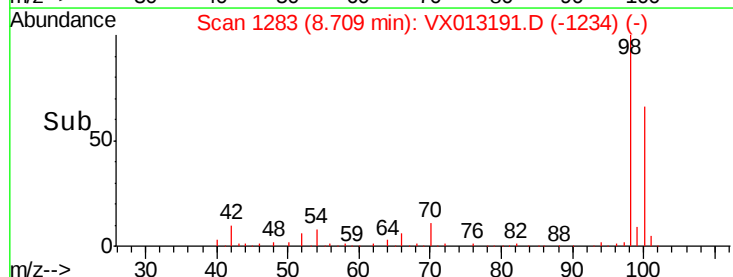
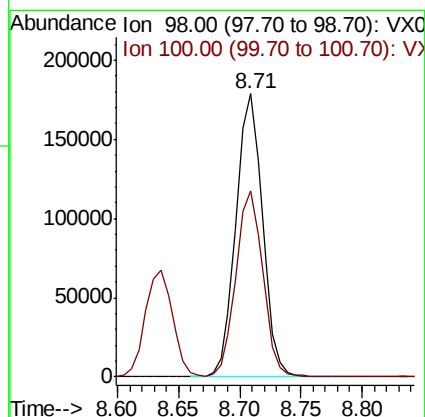
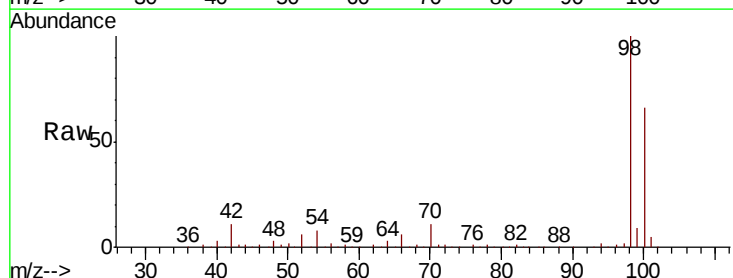
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

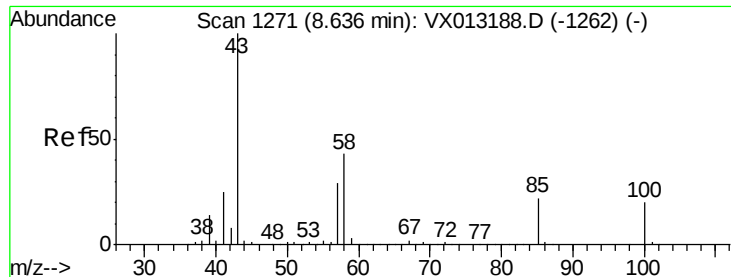
Tot Ion: 88 Resp: 45454
Ion Ratio Lower Upper
88 100
43 30.2 24.5 36.7
58 64.7 54.1 81.1



#50
Toluene-d8
Concen: 50.150 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 98 Resp: 268945
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 249.379 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

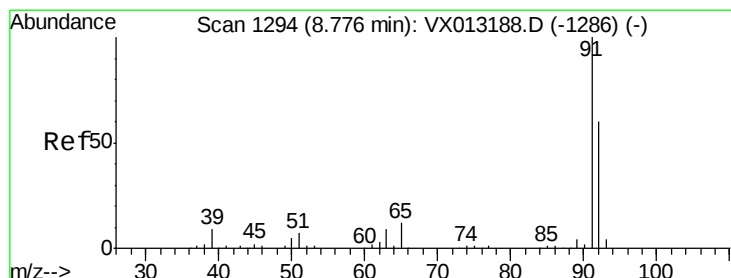
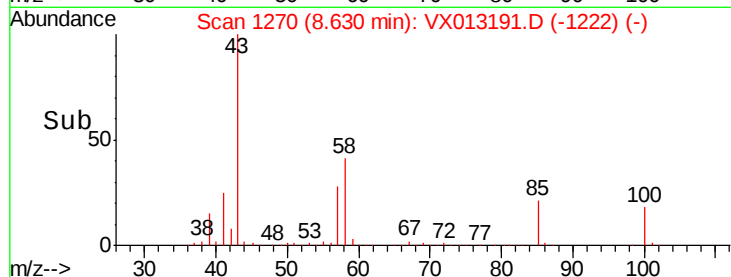
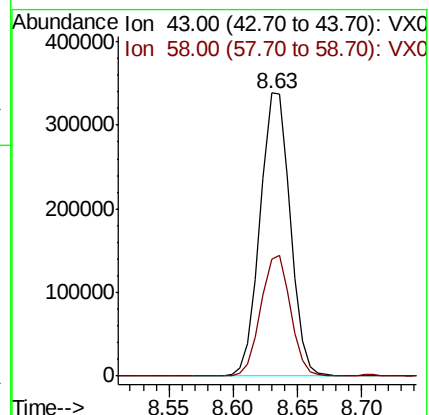
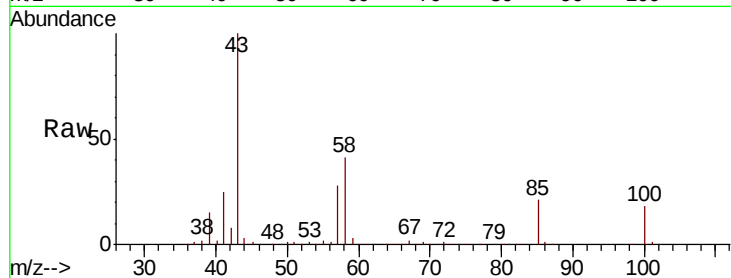
ICVX102419

Tot Ion: 43 Resp: 545761

Ion Ratio Lower Upper

43 100

58 42.1 33.9 50.9



#52

Toluene

Concen: 48.983 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013191.D

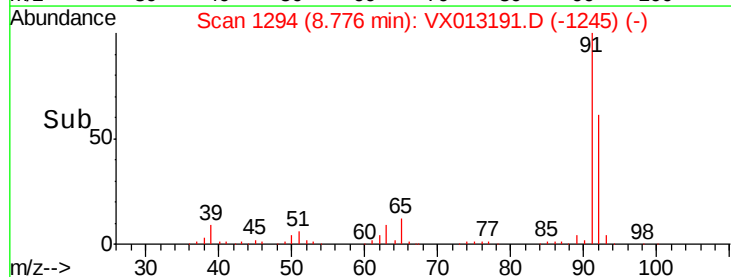
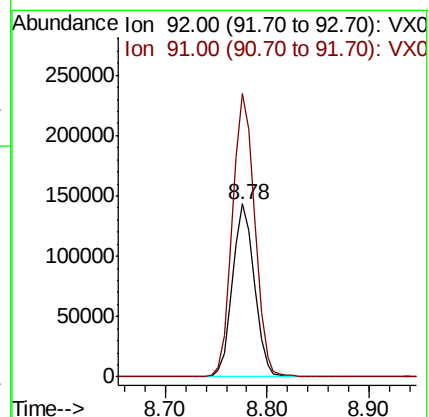
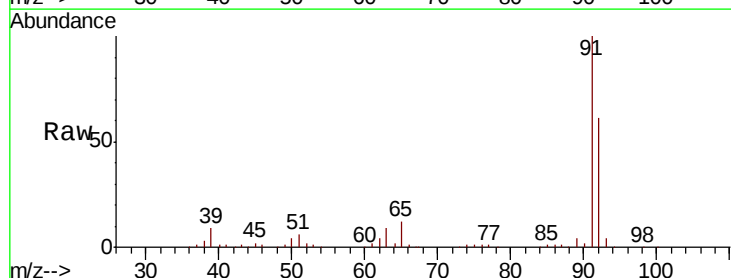
Acq: 23 Oct 2019 16:26

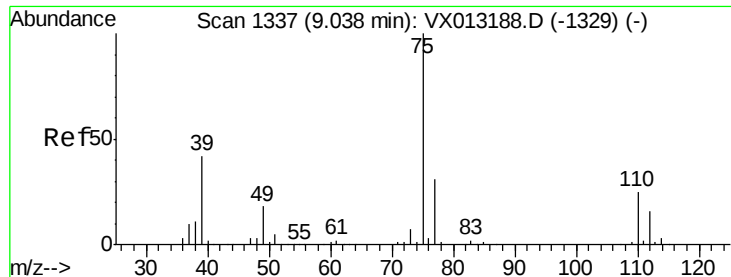
Tgt Ion: 92 Resp: 211590

Ion Ratio Lower Upper

92 100

91 167.4 133.9 200.9

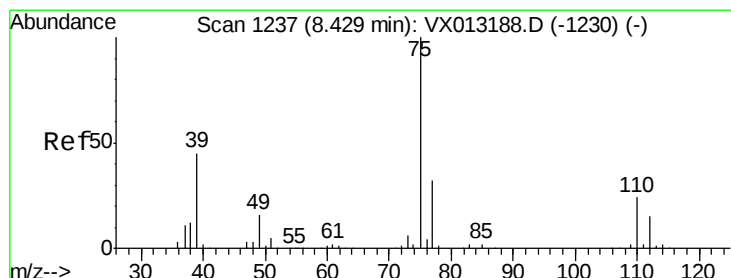
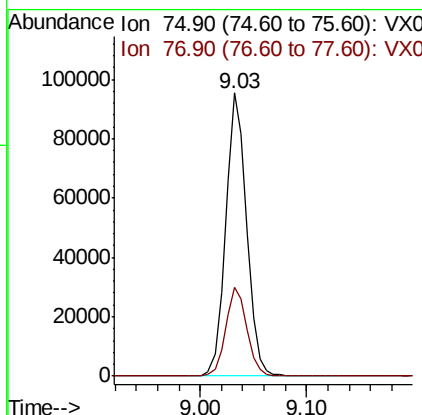
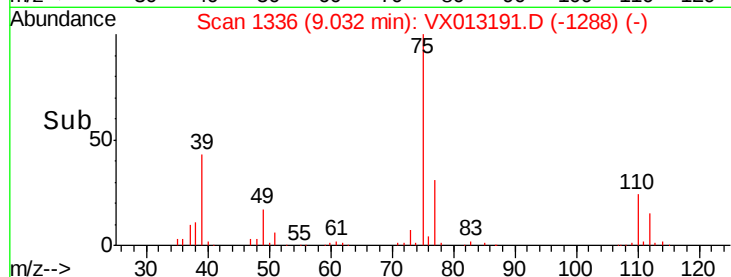
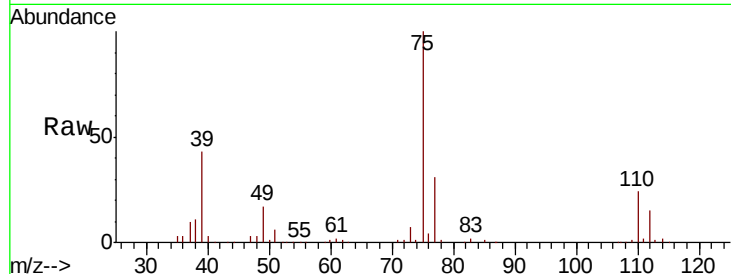




#53
 t-1,3-Dichloropropene
 Concen: 53.909 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

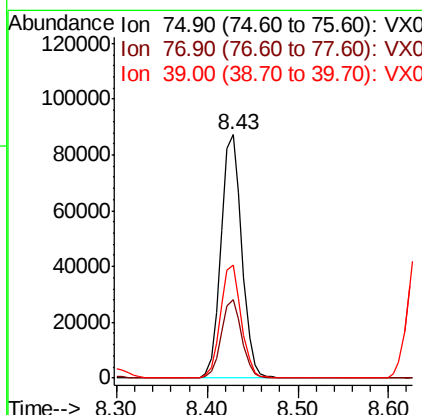
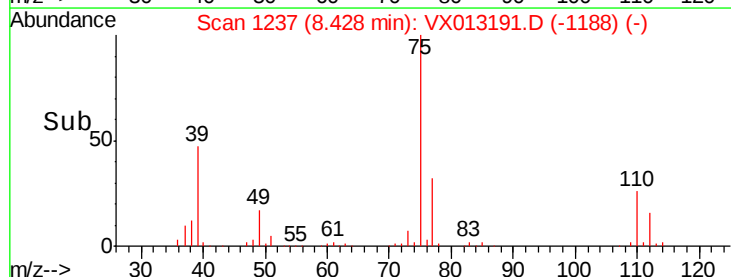
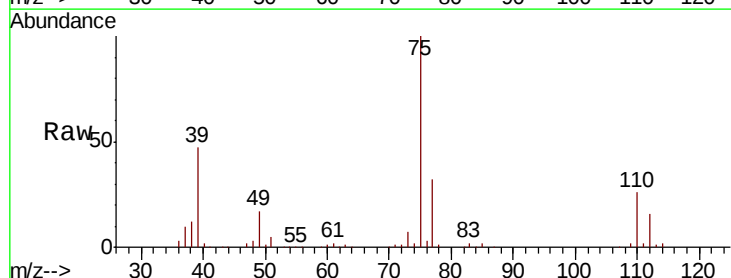
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

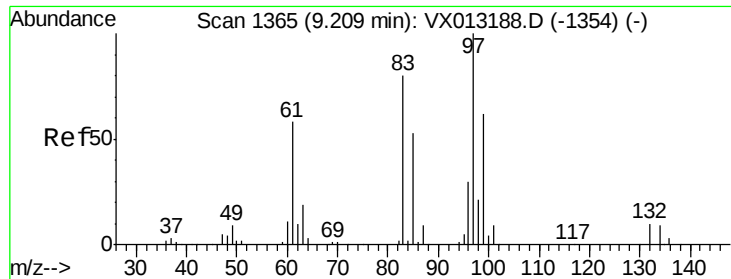
Tot Ion: 75 Resp: 131315
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.344 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion: 75 Resp: 139479
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 46.5 36.2 54.4

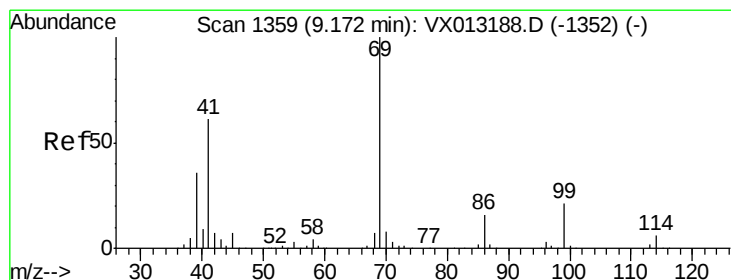
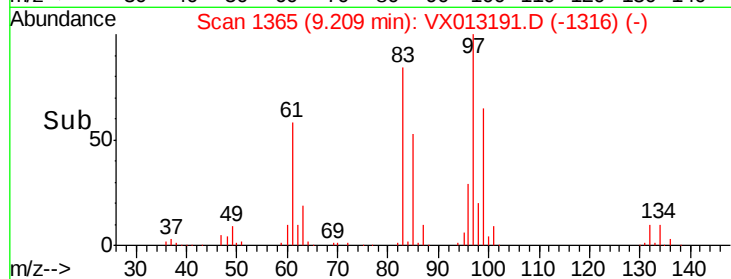
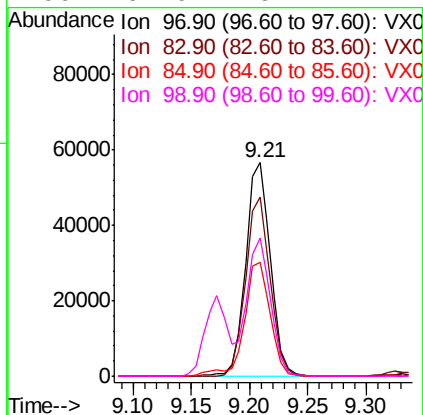
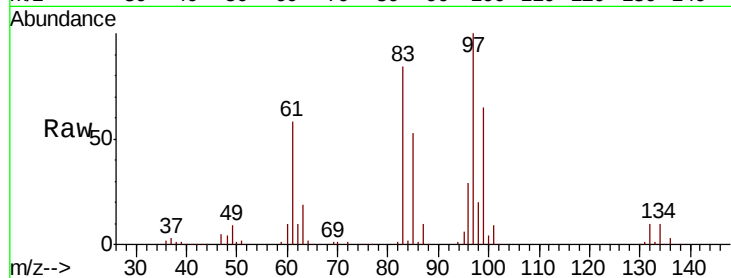




#55
 1,1,2-Trichloroethane
 Concen: 48.931 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

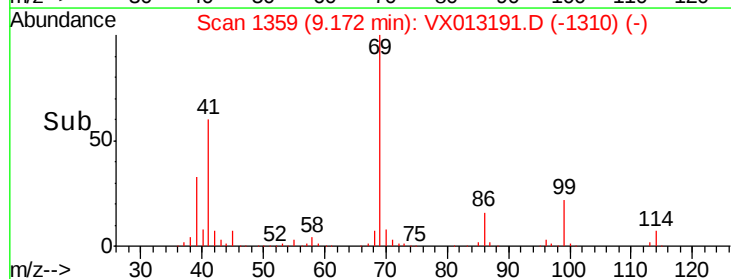
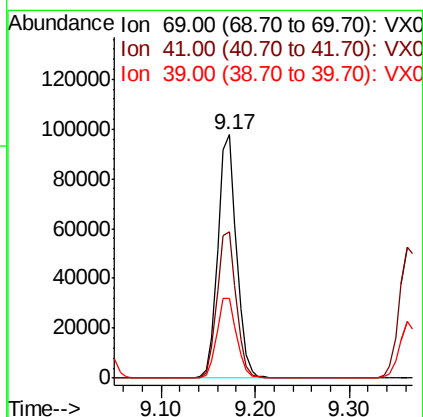
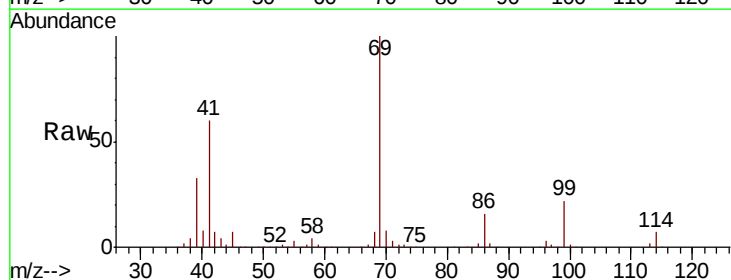
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

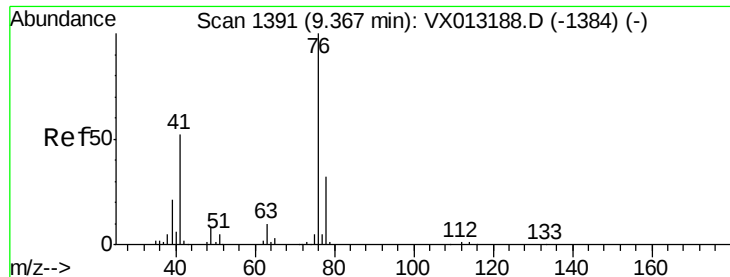
Tot Ion:	97	Resp:	83566
Ion	Ratio	Lower	Upper
97	100		
83	84.2	64.1	96.1
85	53.2	42.1	63.1
99	64.9	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 52.107 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion:	69	Resp:	133936
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.5	74.3
39	34.6	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.243 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampled :

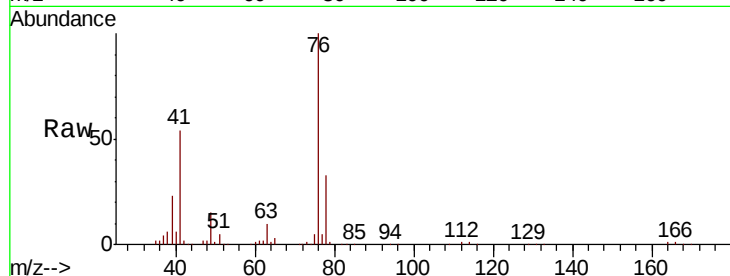
ICVVX102419

Tot Ion: 76 Resp: 141900

Ion Ratio Lower Upper

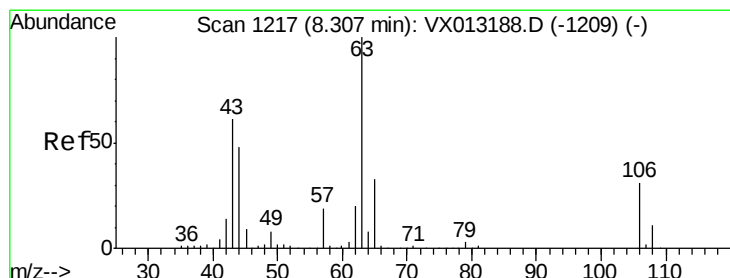
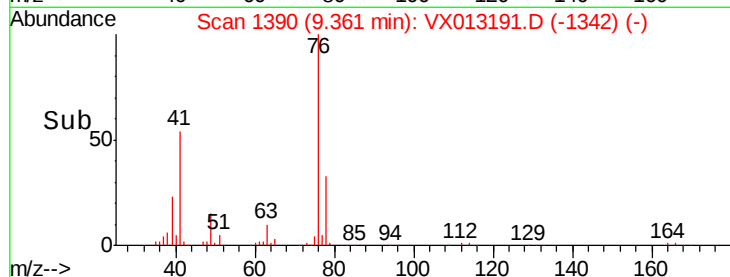
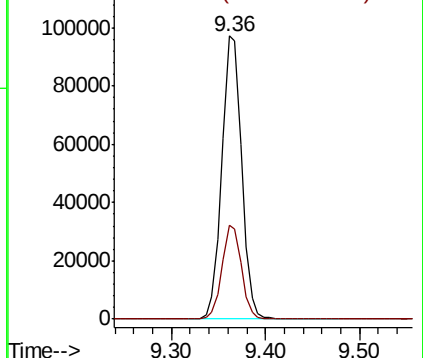
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 272.895 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013191.D

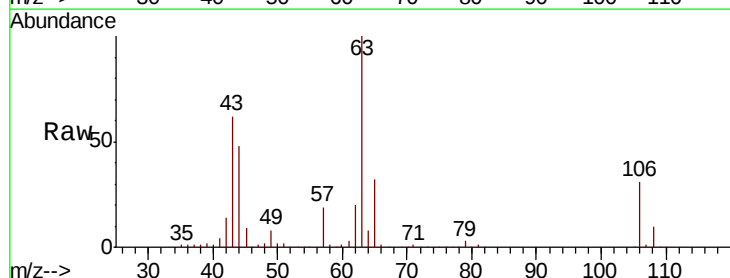
Acq: 23 Oct 2019 16:26

Tgt Ion: 63 Resp: 273705

Ion Ratio Lower Upper

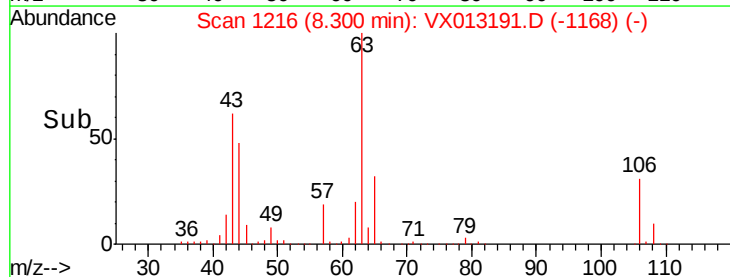
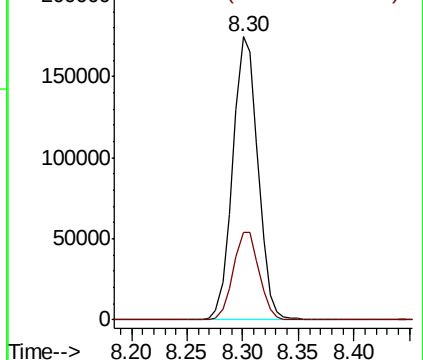
63 100

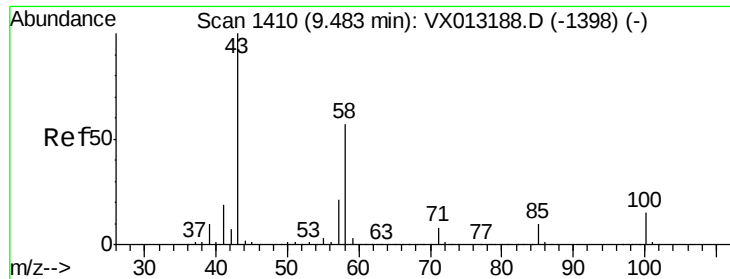
106 31.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

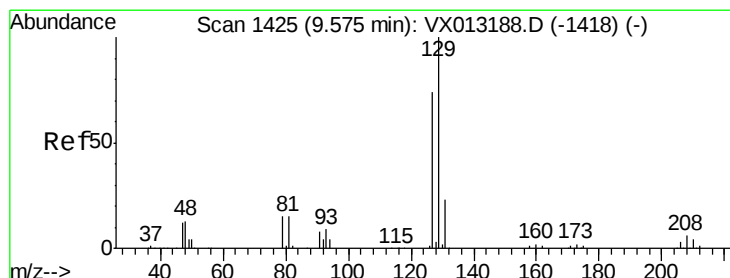
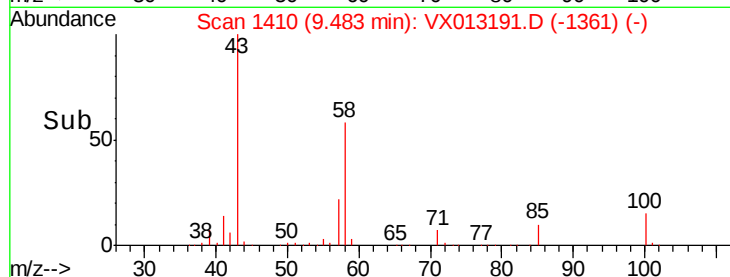
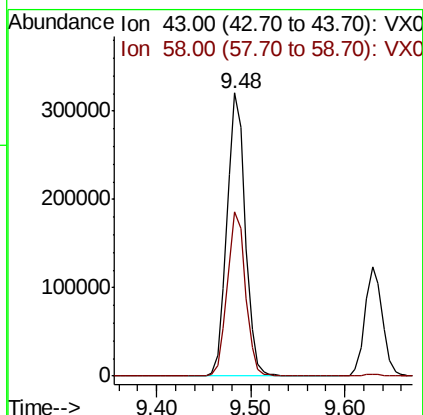
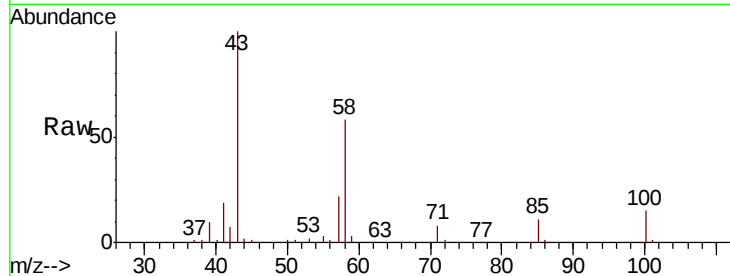




#59
2-Hexanone
Concen: 256.767 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

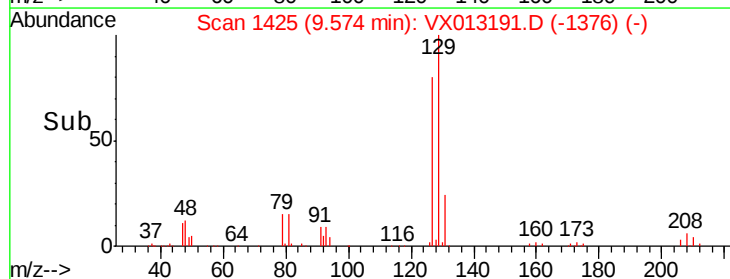
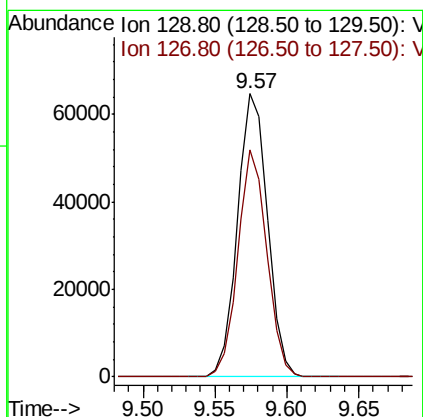
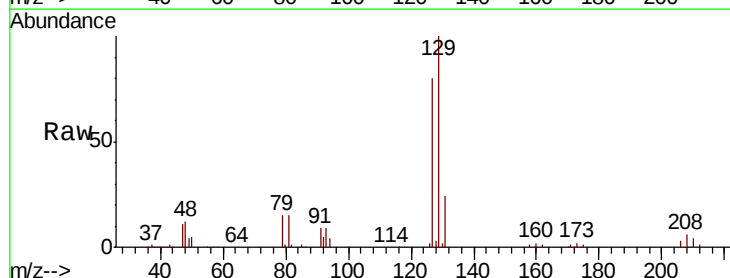
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

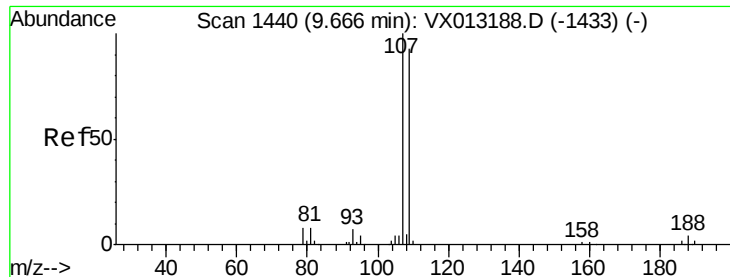
Tot Ion: 43 Resp: 432850
Ion Ratio Lower Upper
43 100
58 57.9 28.2 84.7



#60
Dibromochloromethane
Concen: 52.558 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 129 Resp: 94055
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 48.948 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

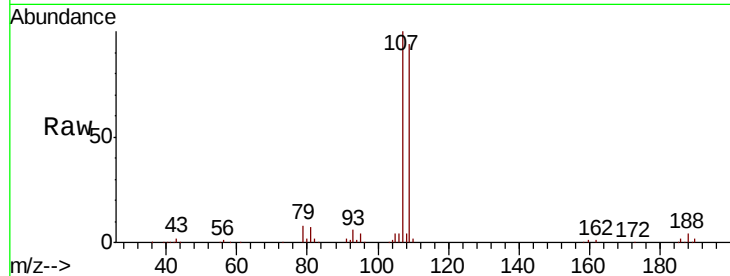
ICVVX102419

Tot Ion:107 Resp: 88746

Ion Ratio Lower Upper

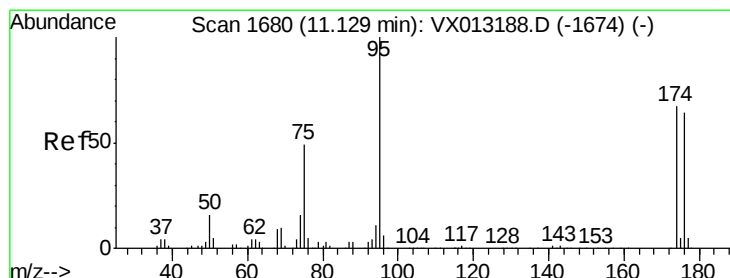
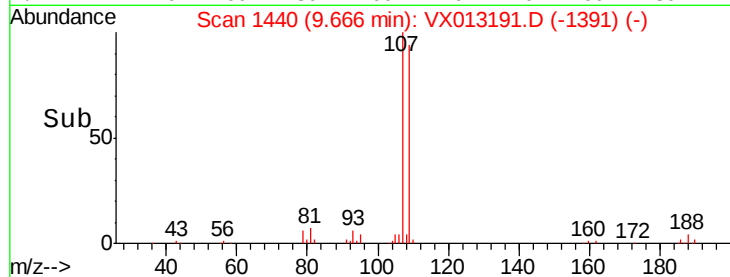
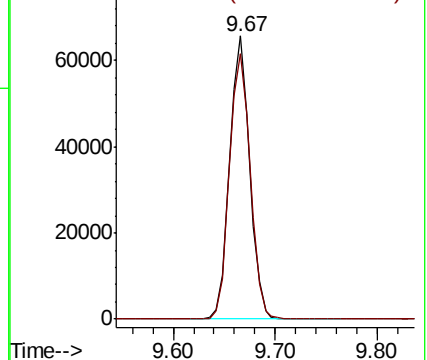
107 100

109 97.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.125 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

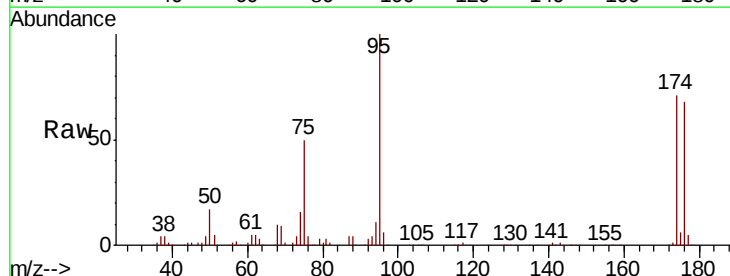
Tgt Ion: 95 Resp: 106397

Ion Ratio Lower Upper

95 100

174 76.5 0.0 152.4

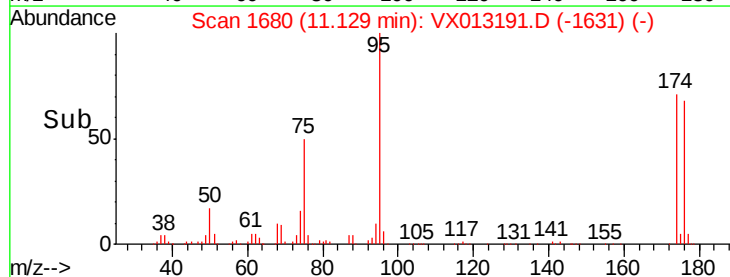
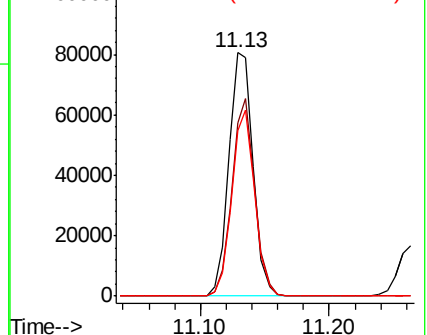
176 72.4 0.0 146.0

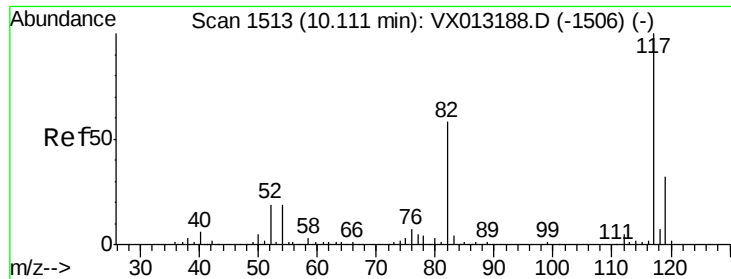


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

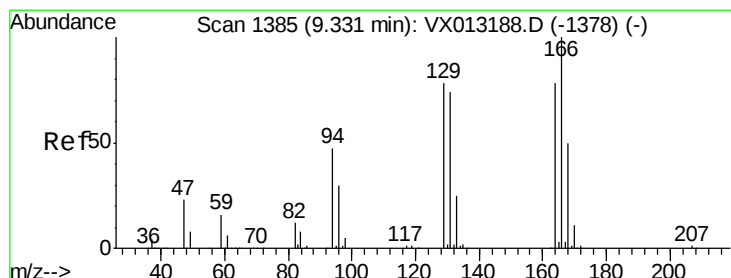
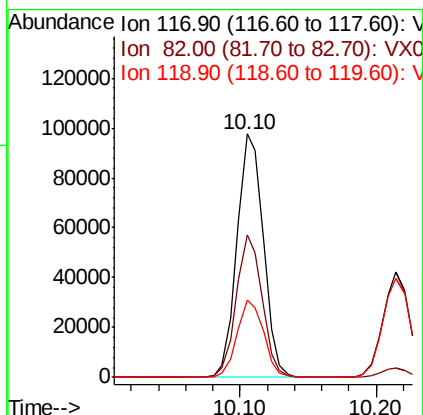
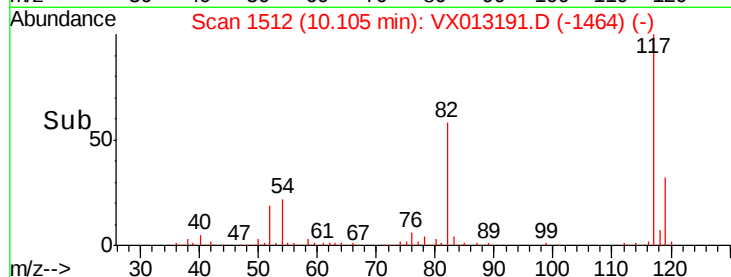
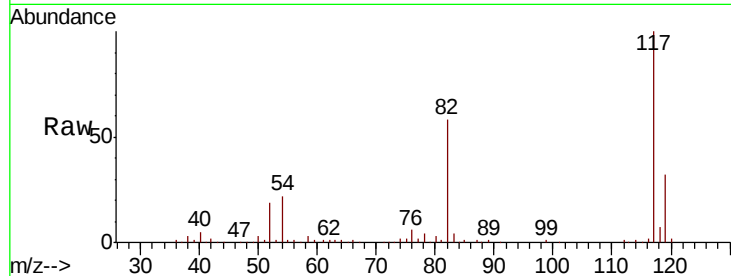




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

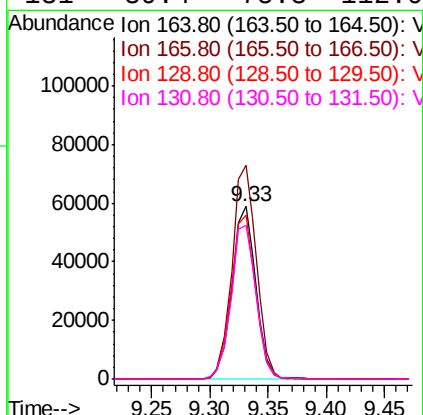
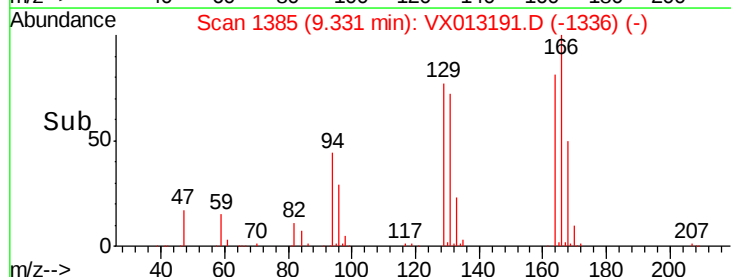
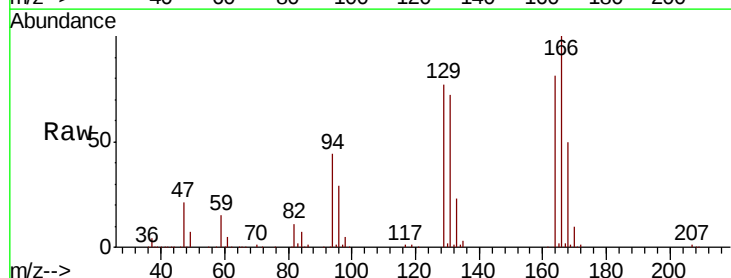
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

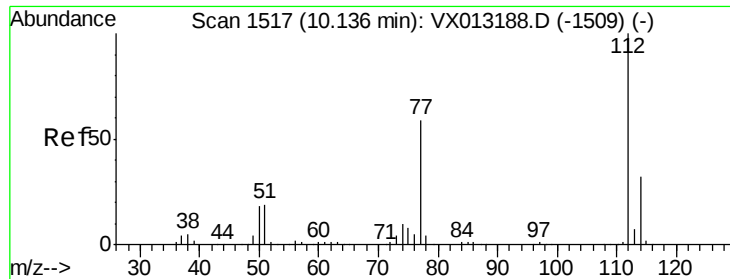
Tot Ion:117 Resp: 132493
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 51.334 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion:164 Resp: 83837
Ion Ratio Lower Upper
164 100
166 124.0 102.2 153.4
129 95.1 79.8 119.8
131 89.4 75.3 112.9

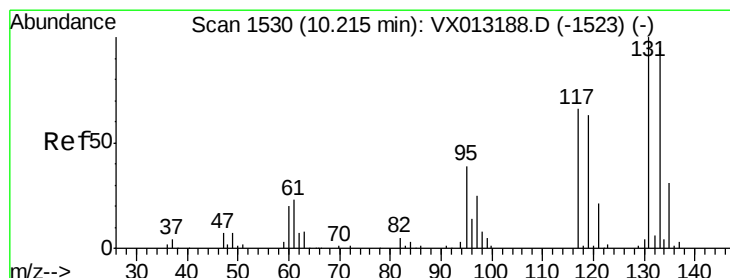
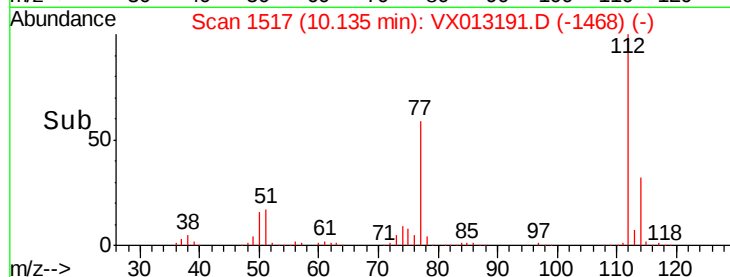
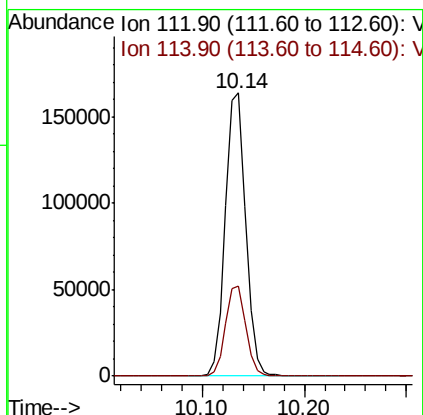
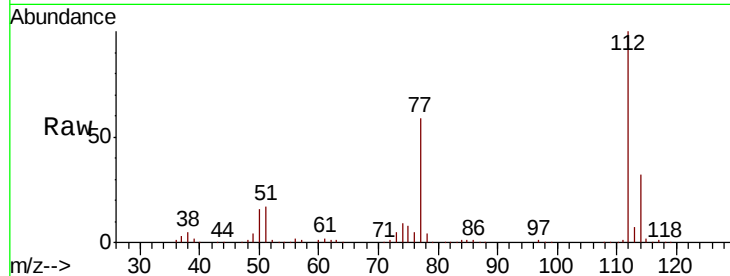




#65
Chlorobenzene
Concen: 48.978 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

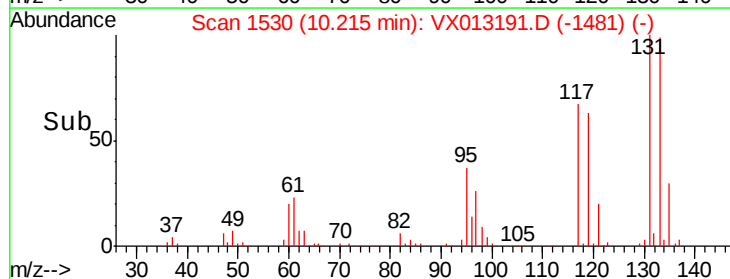
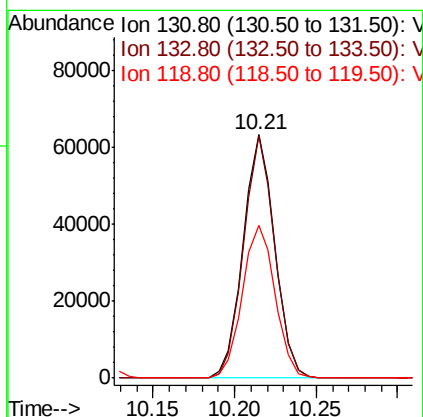
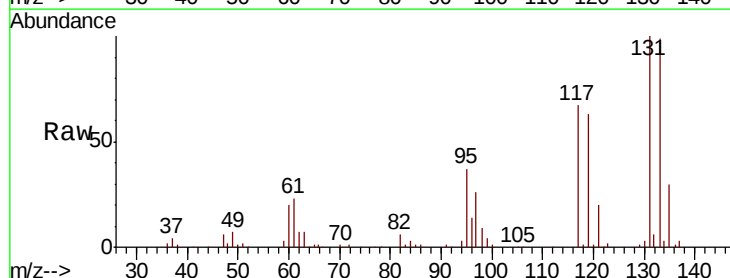
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

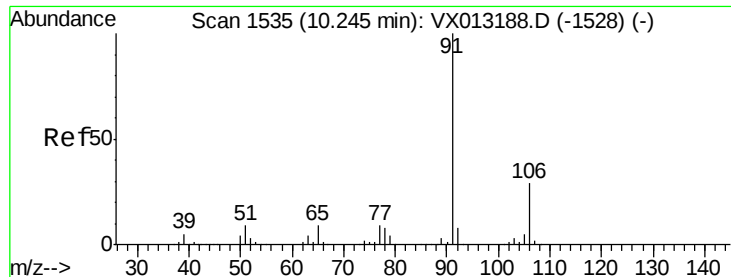
Tot Ion:112 Resp: 227160
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.939 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion:131 Resp: 85562
Ion Ratio Lower Upper
131 100
133 97.6 48.4 145.2
119 64.7 32.4 97.0

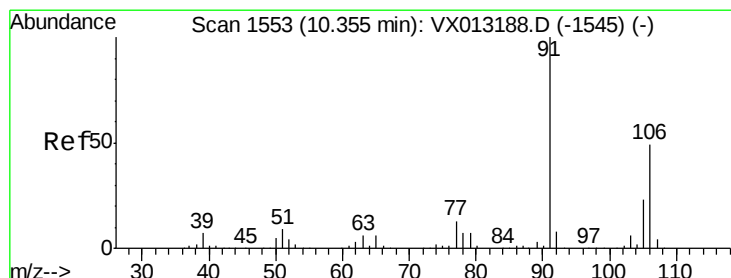
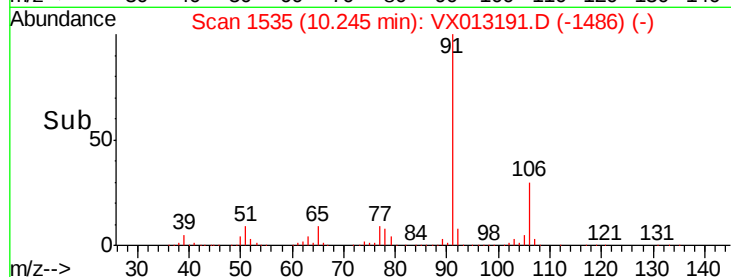
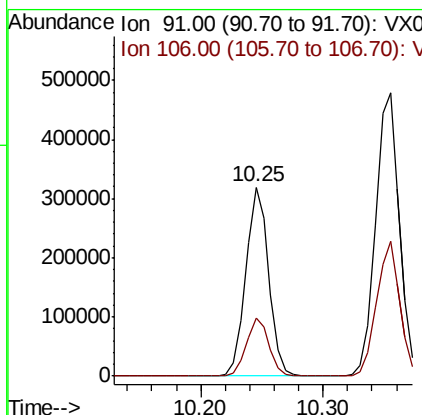
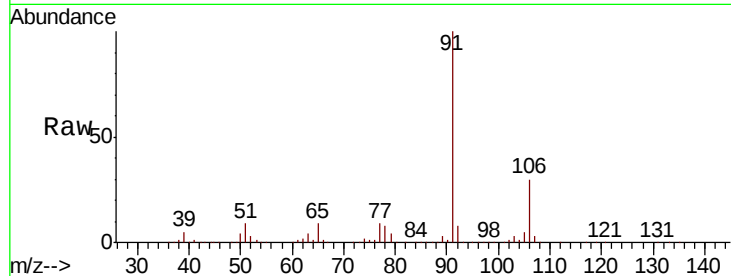




#67
Ethyl Benzene
Concen: 49.851 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

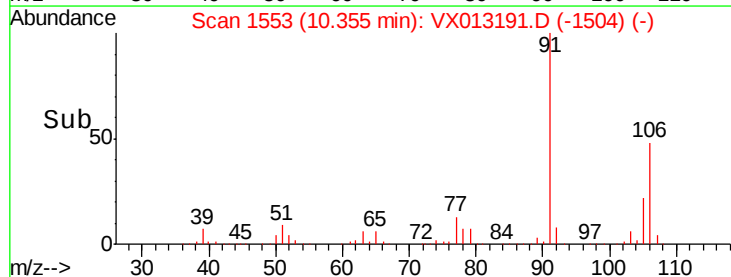
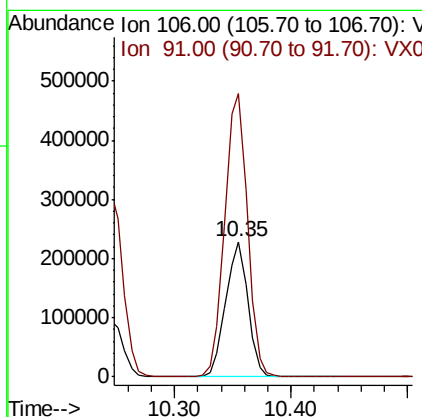
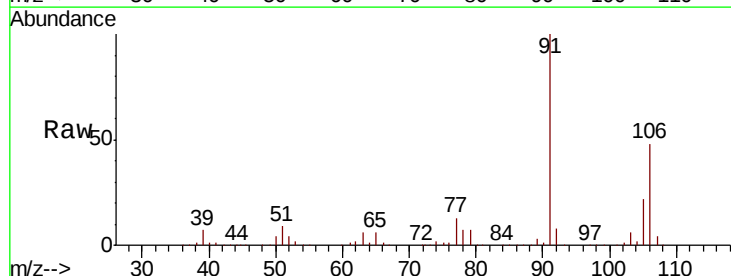
Instrument :
MSVOA_X
ClientSampled :
ICVX102419

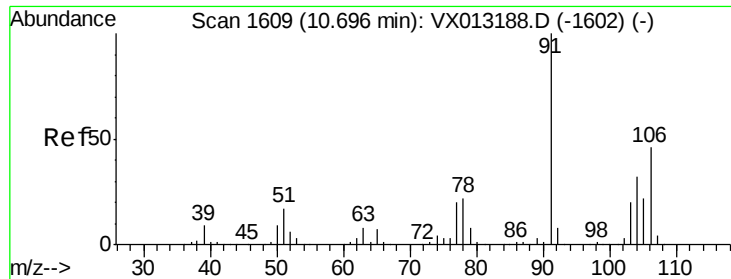
Tot Ion: 91 Resp: 413917
Ion Ratio Lower Upper
91 100
106 30.5 23.5 35.3



#68
m/p-Xylenes
Concen: 96.257 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 106 Resp: 302044
Ion Ratio Lower Upper
106 100
91 214.9 166.8 250.2

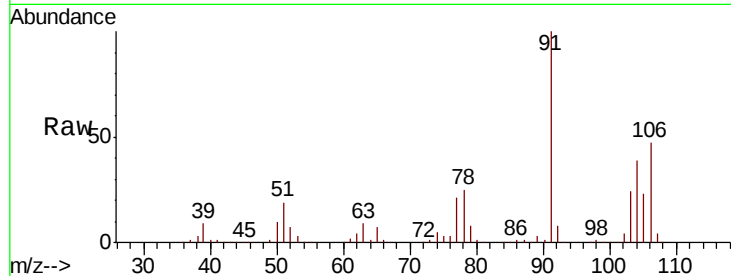




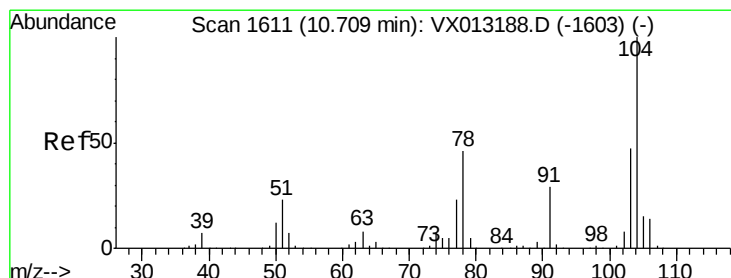
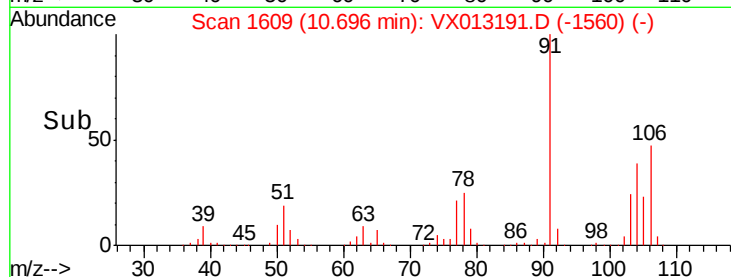
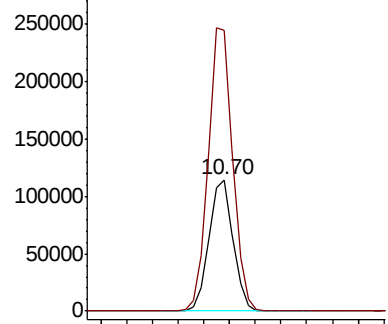
#69
o-Xylene
Concen: 49.719 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVX102419

Tot Ion:106 Resp: 149661
Ion Ratio Lower Upper
106 100
91 218.0 110.7 331.9

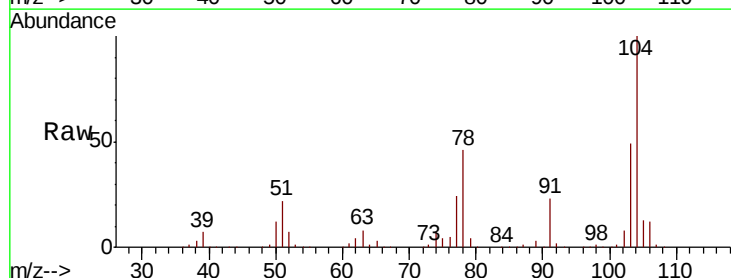


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

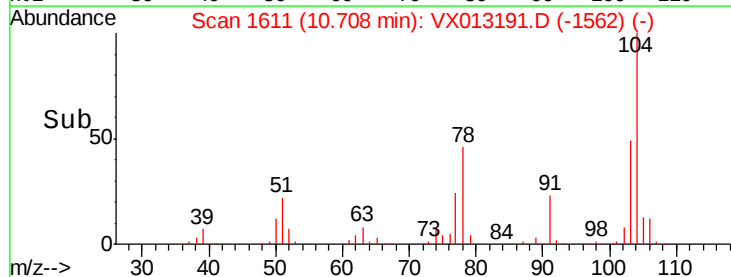
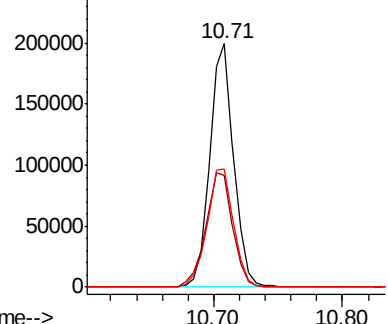


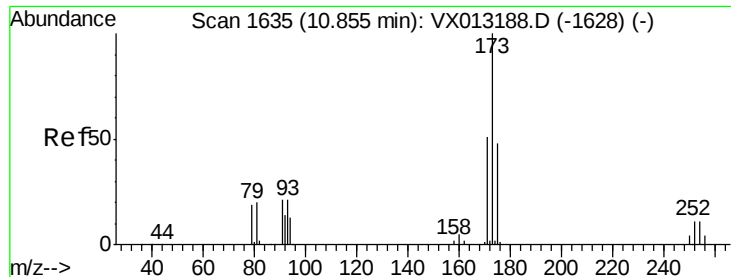
#70
Styrene
Concen: 49.409 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion:104 Resp: 256097
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.4
103 54.5 42.8 64.2



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





#71

Bromoform

Concen: 53.665 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

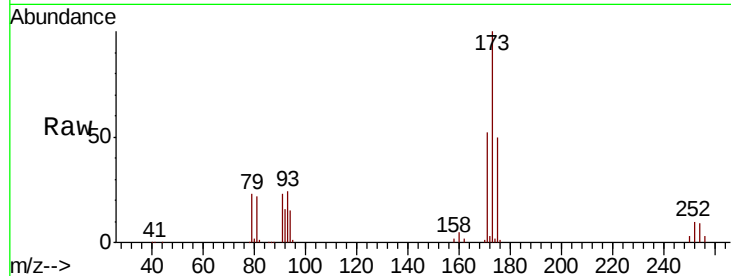
Tot Ion:173 Resp: 67184

Ion Ratio Lower Upper

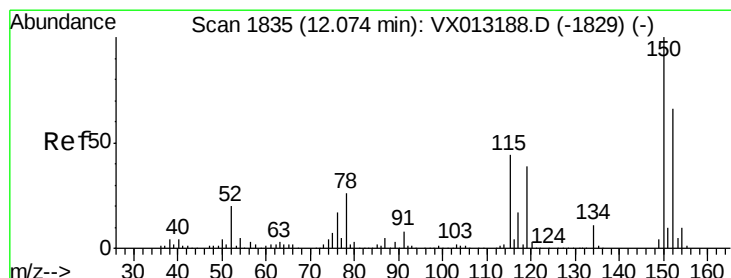
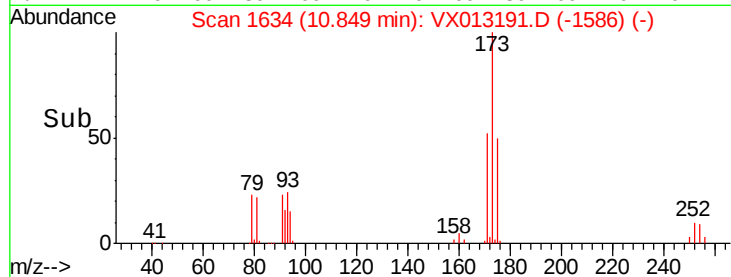
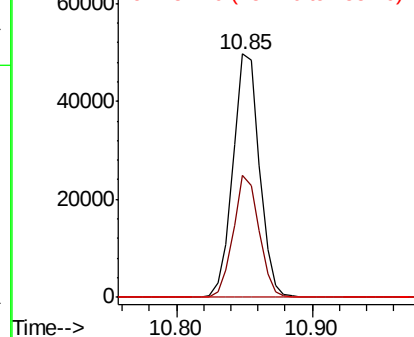
173 100

175 48.6 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

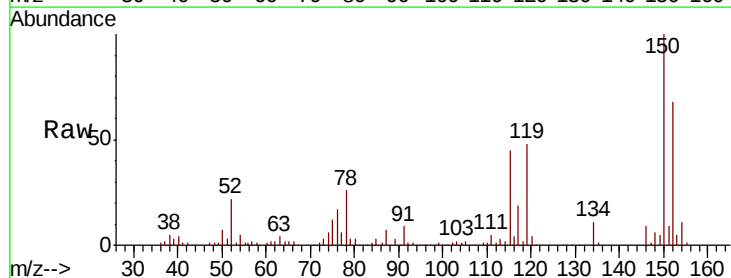
Tgt Ion:152 Resp: 87114

Ion Ratio Lower Upper

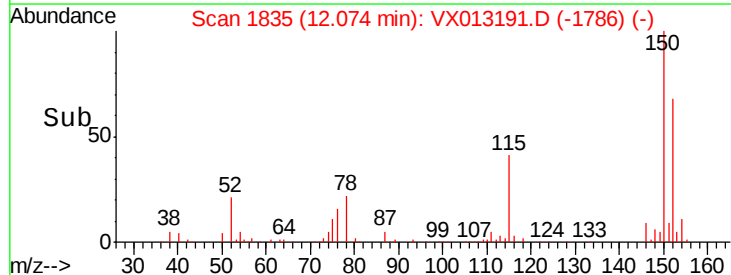
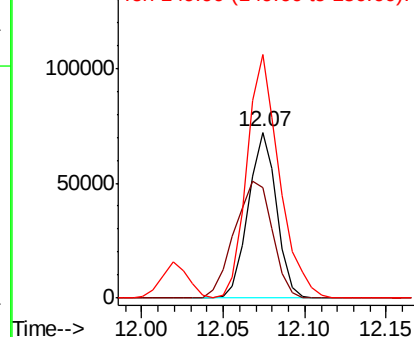
152 100

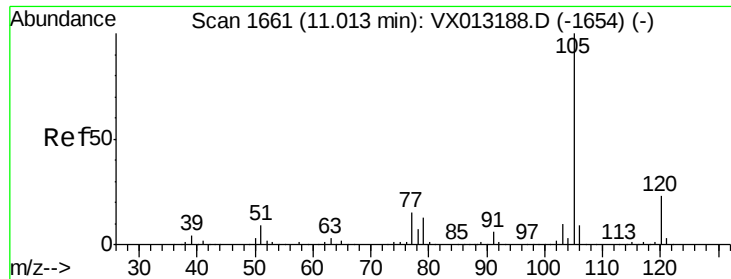
115 94.7 46.6 139.8

150 168.5 0.0 354.0



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: 51.702 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

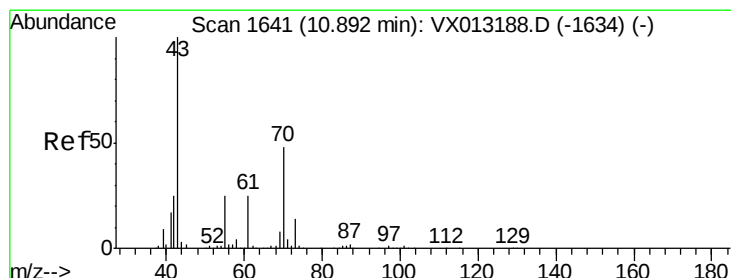
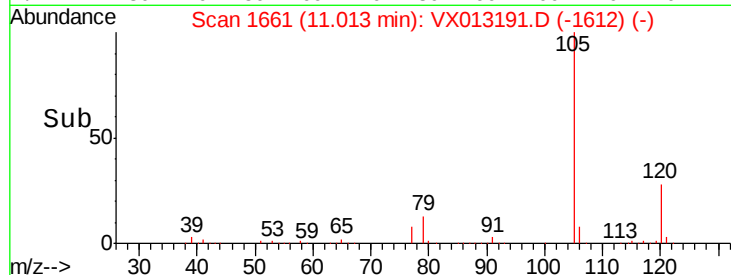
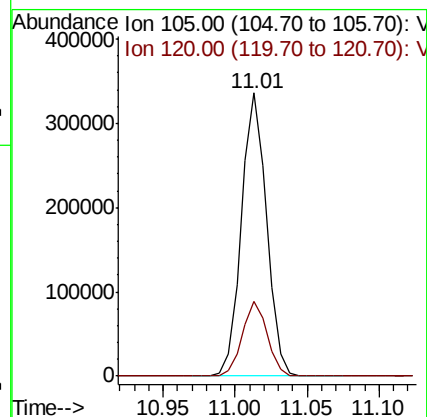
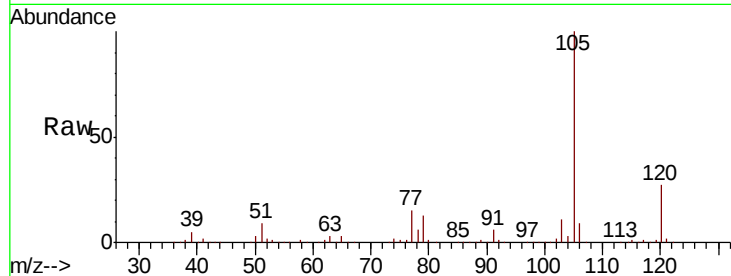
ICVVX102419

Tot Ion:105 Resp: 408999

Ion Ratio Lower Upper

105 100

120 26.2 12.6 37.8



#74

N-ethyl acetate

Concen: 53.410 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Tgt Ion: 43 Resp: 155074

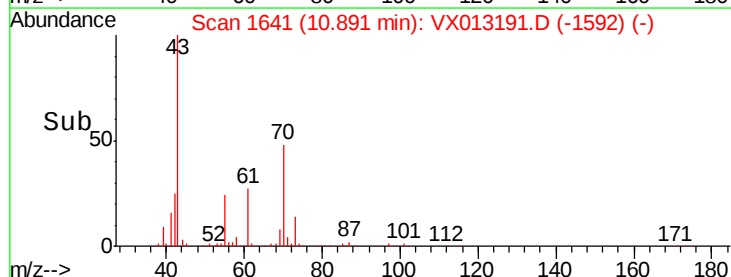
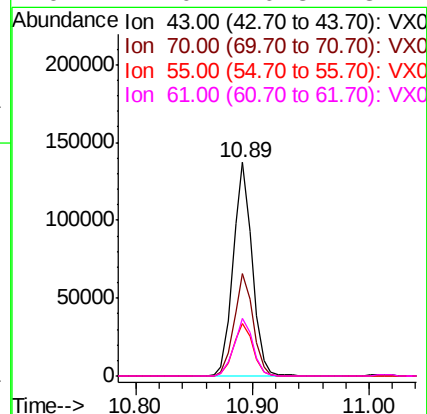
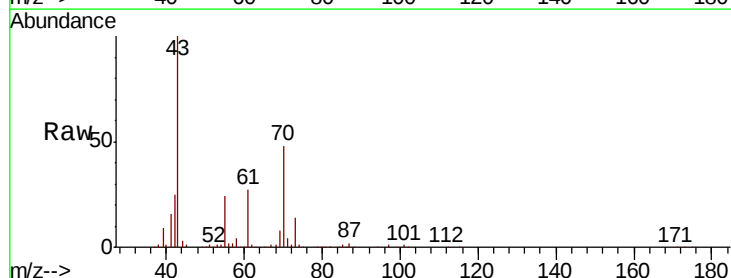
Ion Ratio Lower Upper

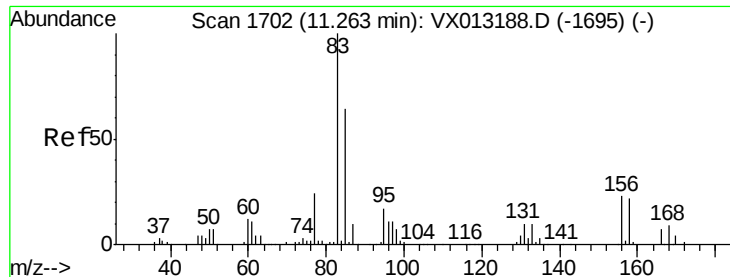
43 100

70 47.7 38.5 57.7

55 25.4 20.7 31.1

61 27.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.898 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

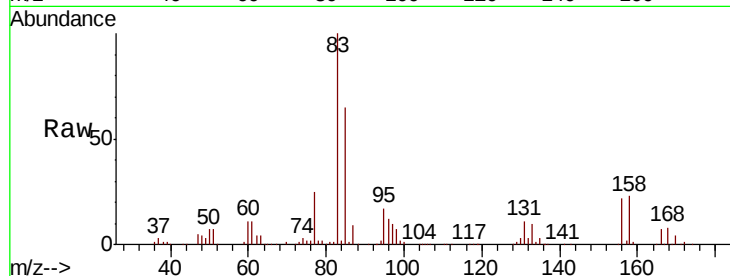
Tot Ion: 83 Resp: 127062

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

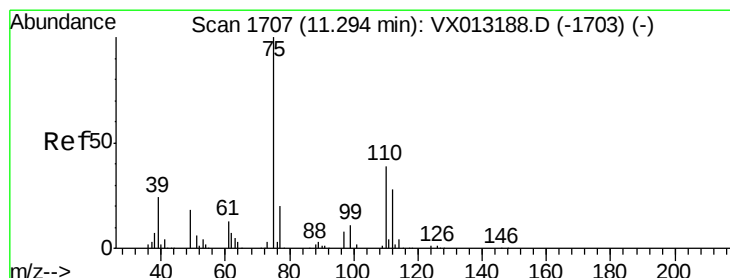
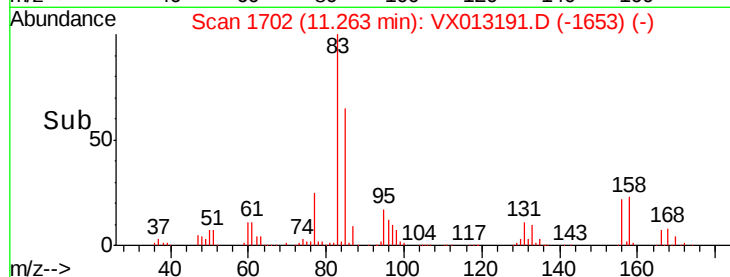
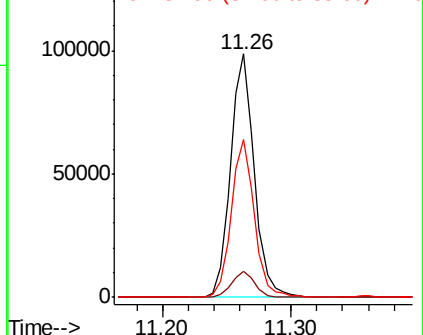
85 63.2 31.4 94.3



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: 70.373 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013191.D

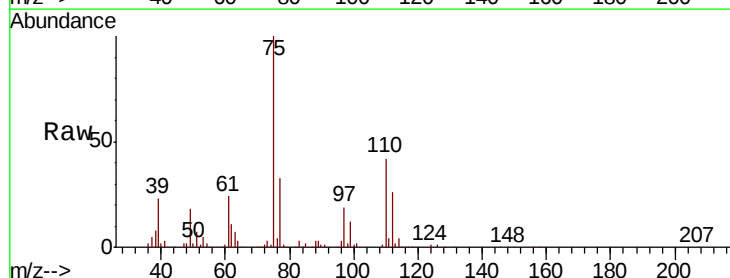
Acq: 23 Oct 2019 16:26

Tgt Ion: 75 Resp: 147755

Ion Ratio Lower Upper

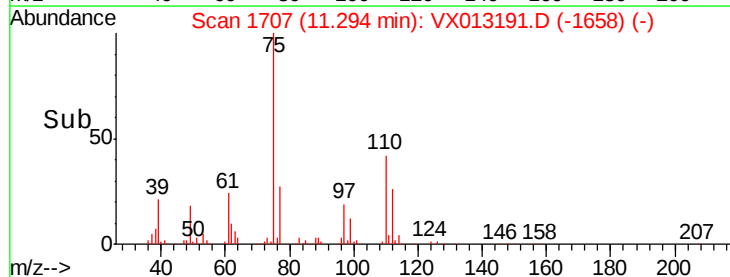
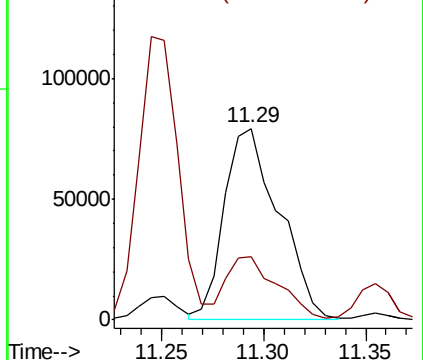
75 100

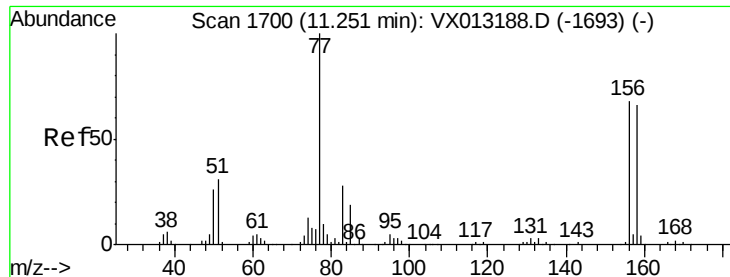
77 30.5 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.767 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX102419

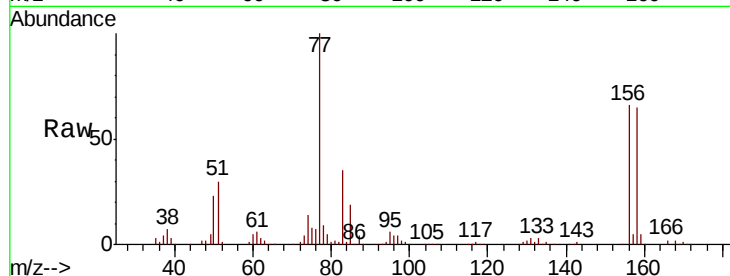
Tot Ion:156 Resp: 98151

Ion Ratio Lower Upper

156 100

77 159.3 81.7 245.1

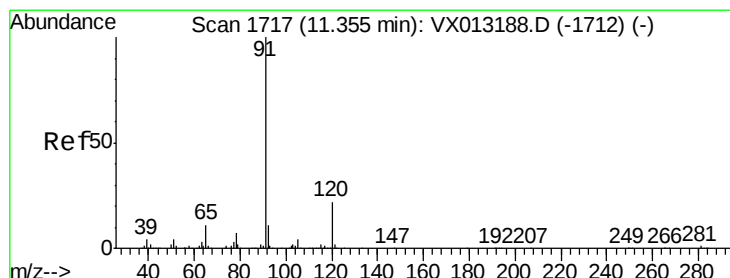
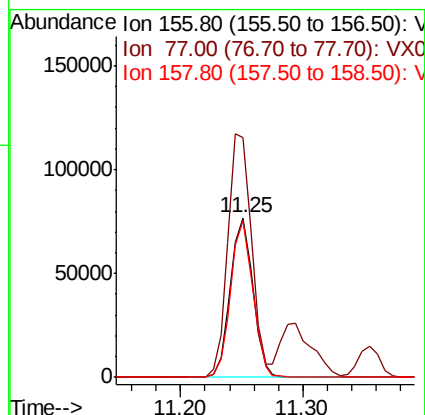
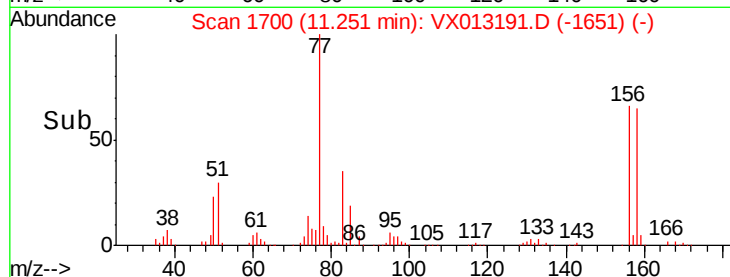
158 96.0 49.6 148.8



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: 50.859 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013191.D

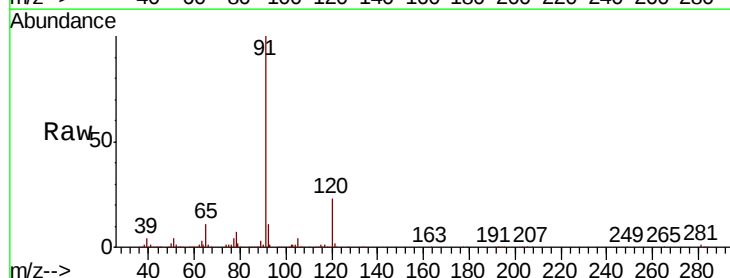
Acq: 23 Oct 2019 16:26

Tgt Ion: 91 Resp: 437029

Ion Ratio Lower Upper

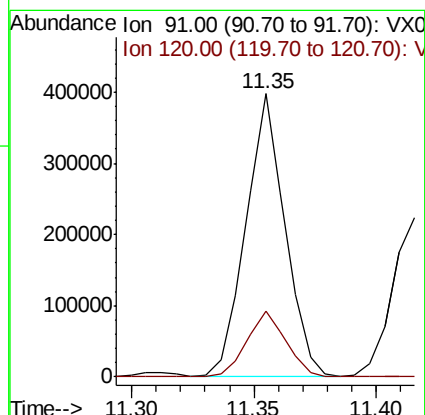
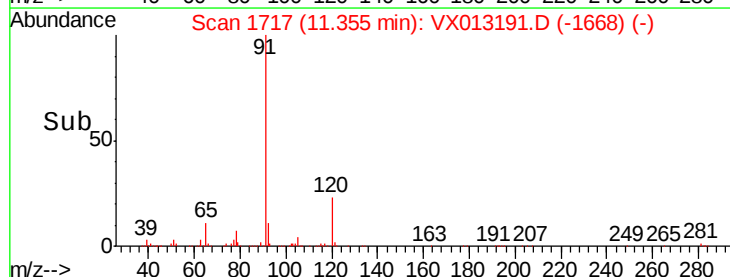
91 100

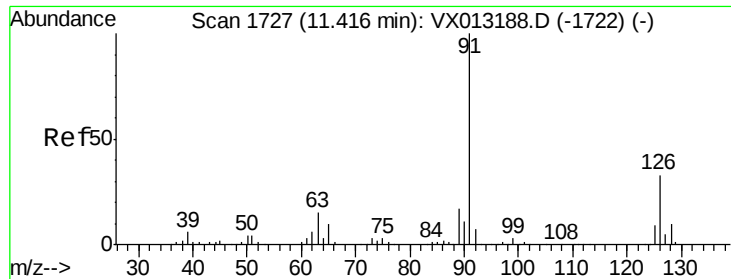
120 23.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

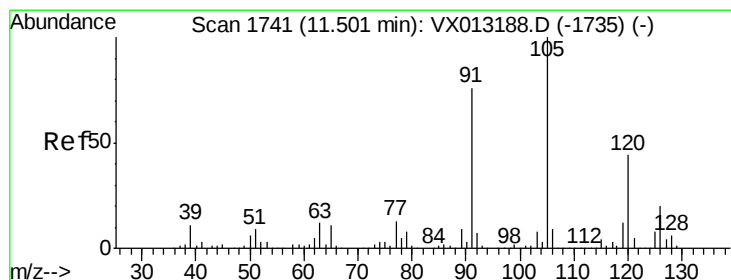
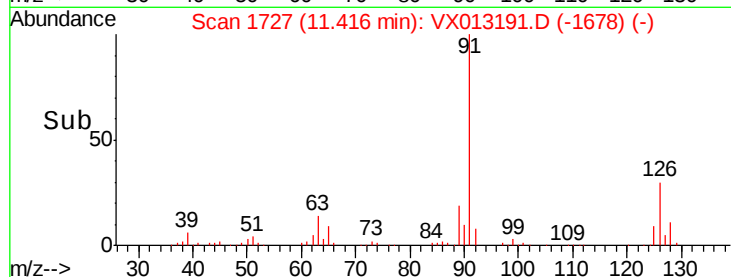
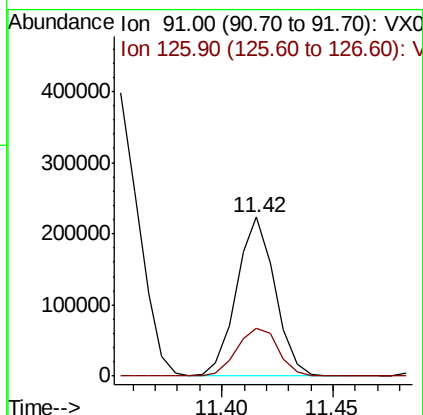
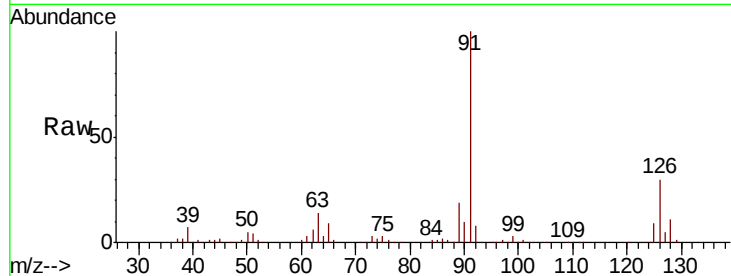




#79
 2-Chlorotoluene
 Concen: 49.207 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

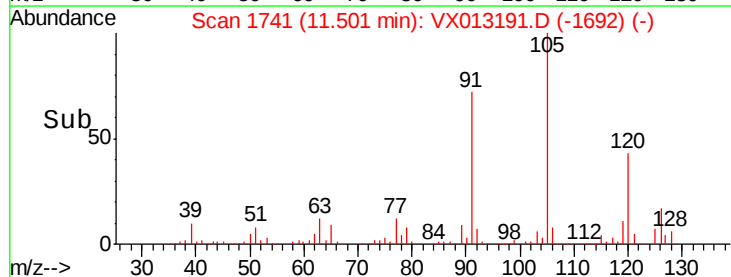
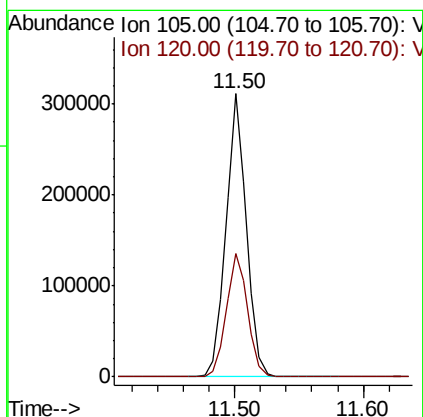
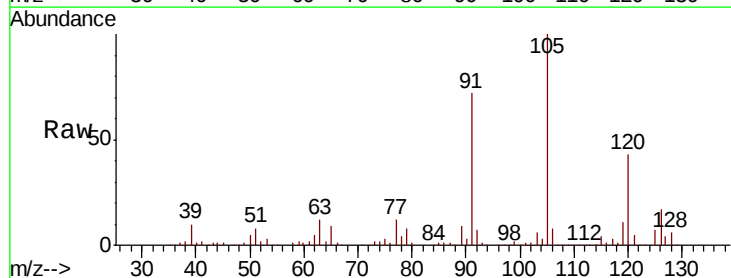
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

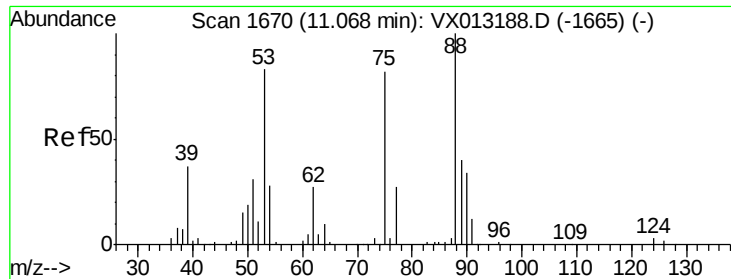
Tot Ion: 91 Resp: 267160
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 52.622 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion: 105 Resp: 346007
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.4 70.0

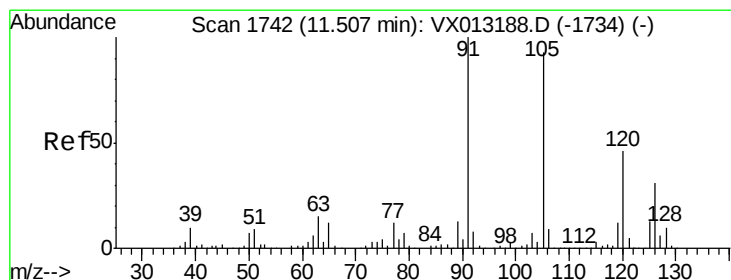
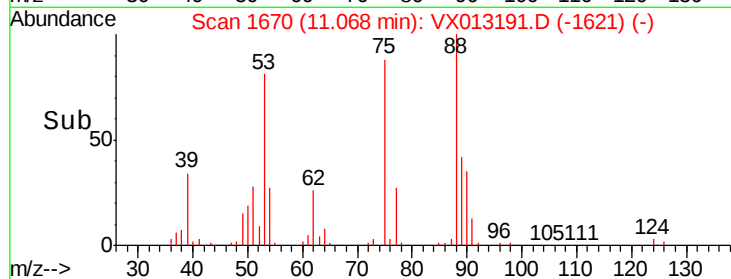
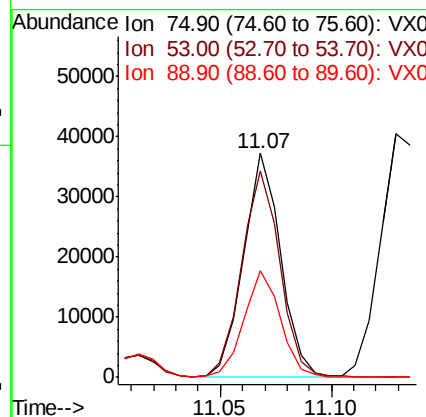
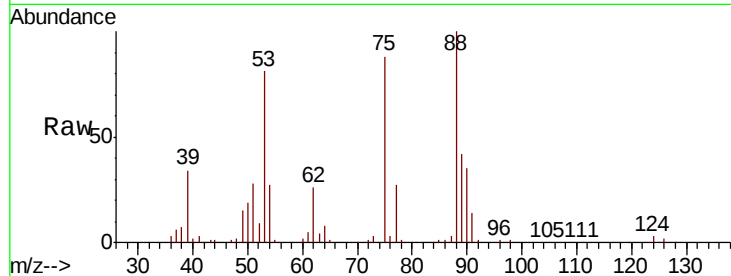




#81
trans-1,4-Dichloro-2-butene
Concen: 56.857 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

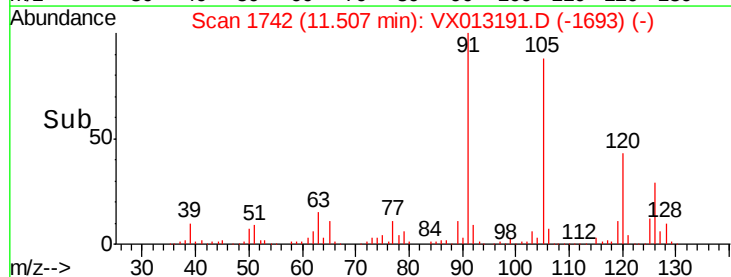
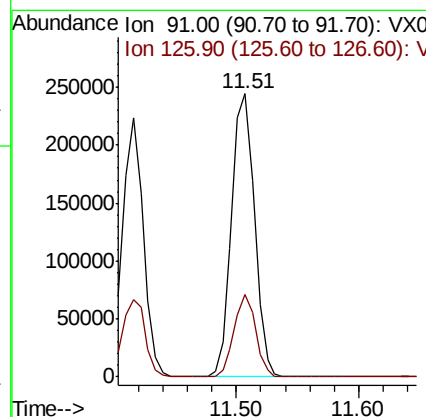
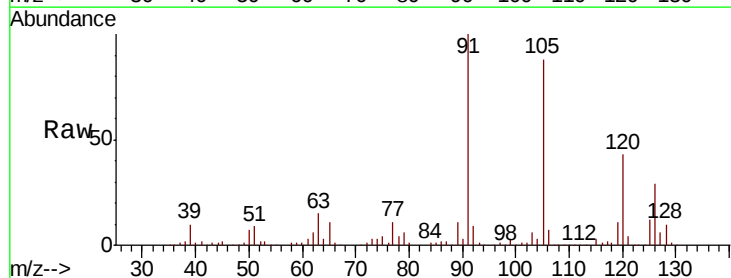
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

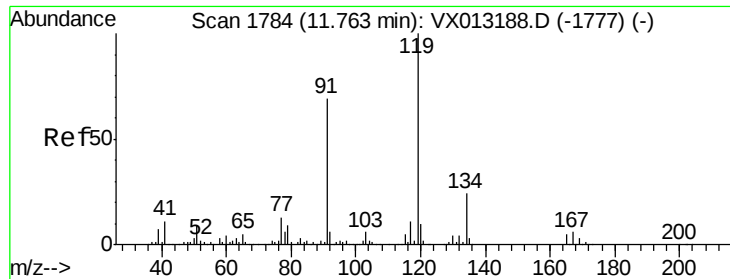
Tot Ion: 75 Resp: 43442
Ion Ratio Lower Upper
75 100
53 94.9 77.9 116.9
89 47.3 37.3 55.9



#82
4-Chlorotoluene
Concen: 51.402 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 91 Resp: 316213
Ion Ratio Lower Upper
91 100
126 27.4 14.6 44.0

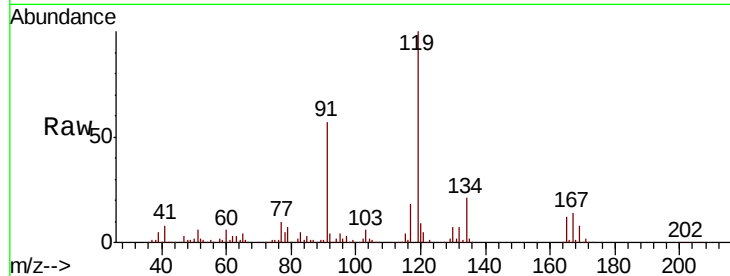




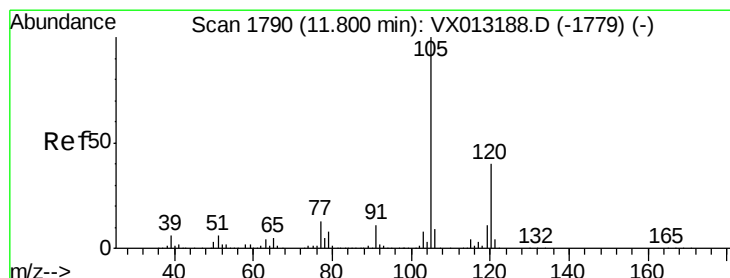
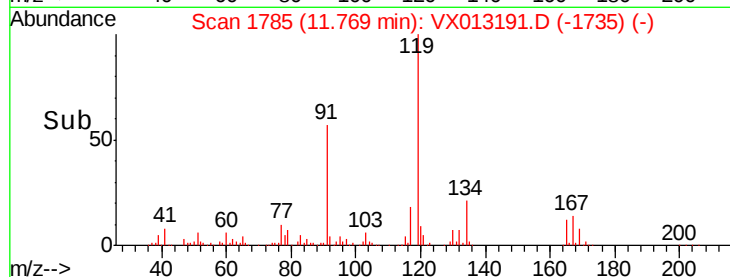
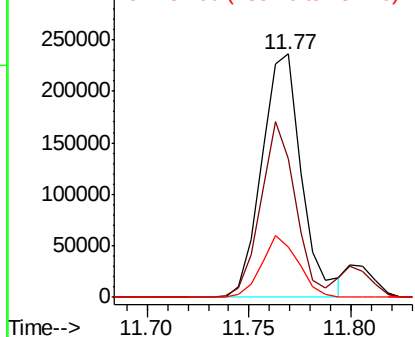
#83
tert-Butylbenzene
Concen: 49.526 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion:119 Resp: 322189
Ion Ratio Lower Upper
119 100
91 63.1 30.8 92.4
134 23.0 11.5 34.5

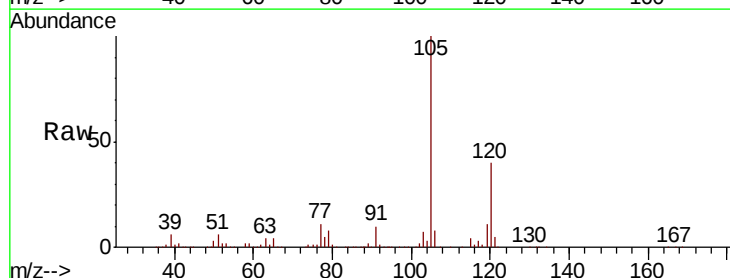


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

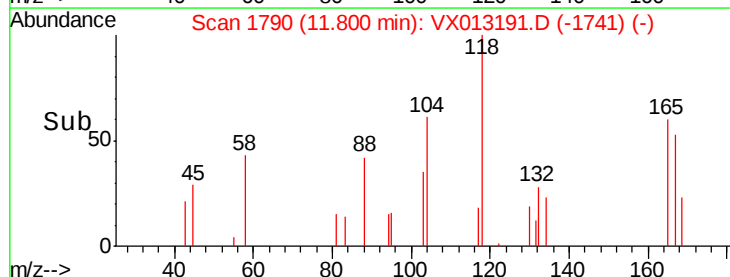
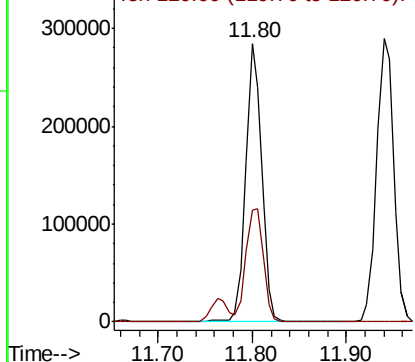


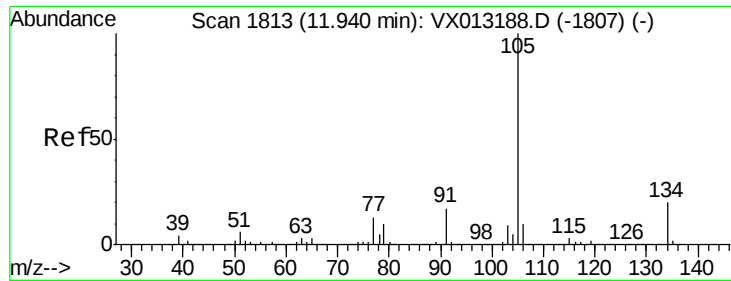
#84
1,2,4-Trimethylbenzene
Concen: 50.729 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion:105 Resp: 336450
Ion Ratio Lower Upper
105 100
120 44.1 21.4 64.3



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





#85

sec-Butylbenzene

Concen: 49.299 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

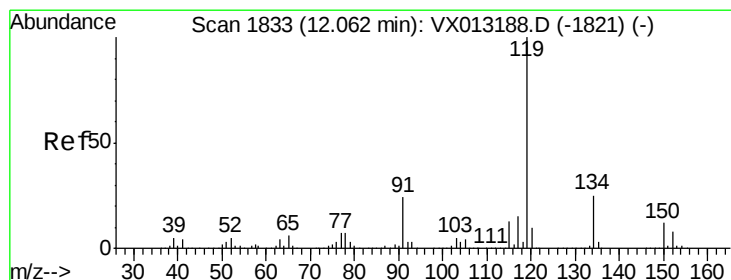
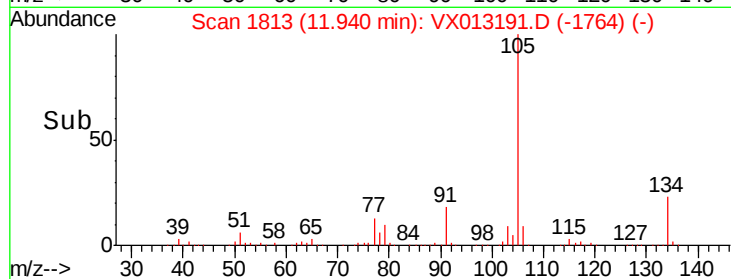
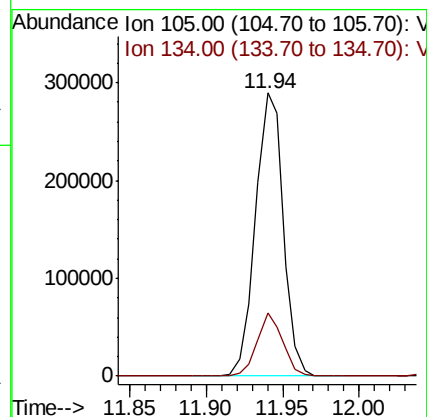
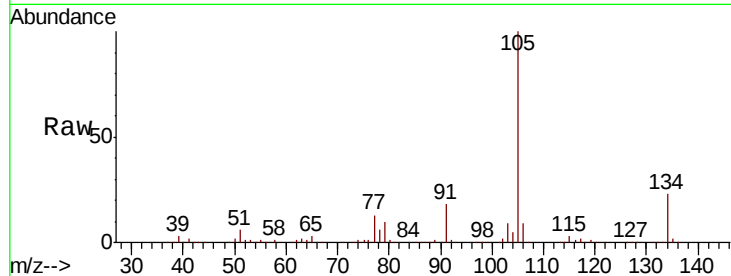
ICVVX102419

Tot Ion:105 Resp: 364970

Ion Ratio Lower Upper

105 100

134 20.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.466 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013191.D

Acq: 23 Oct 2019 16:26

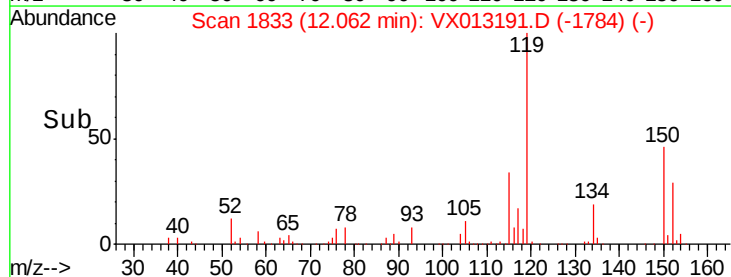
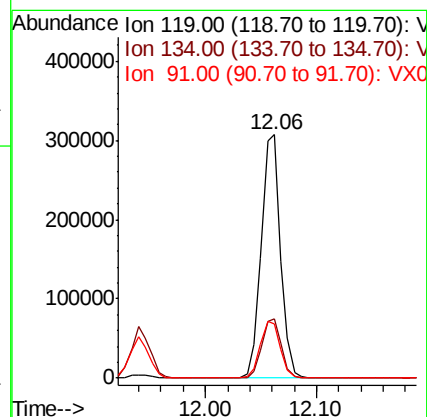
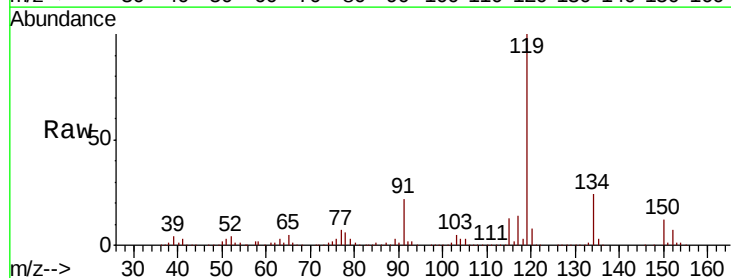
Tgt Ion:119 Resp: 371853

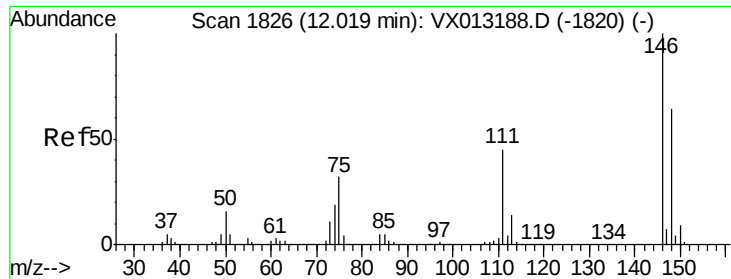
Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

91 24.2 12.4 37.2

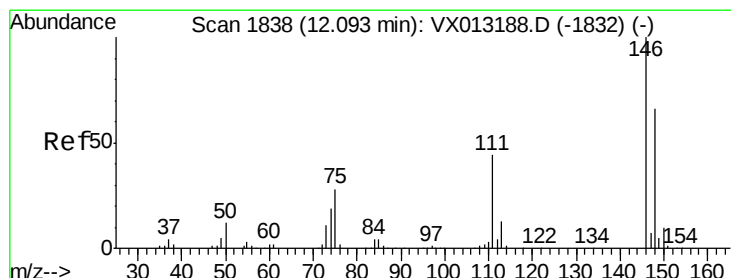
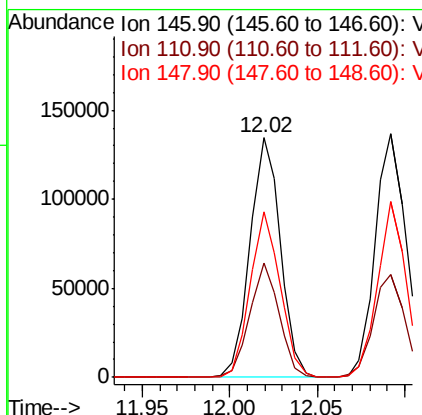
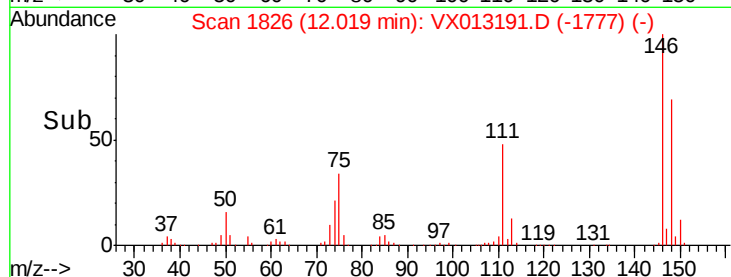
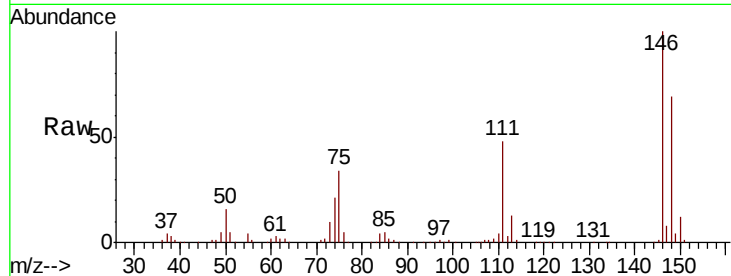




#87
 1,3-Dichlorobenzene
 Concen: 47.843 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

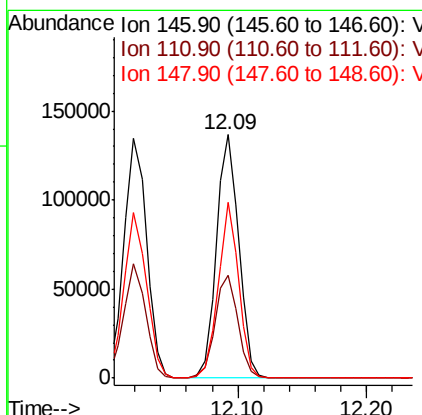
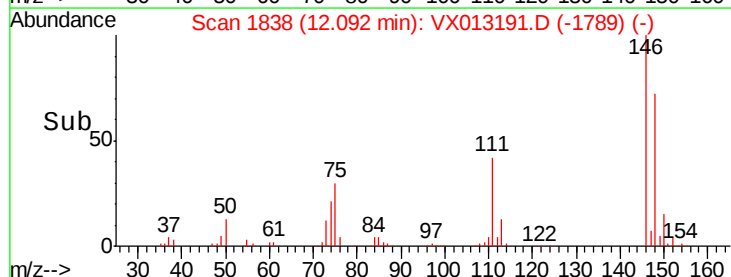
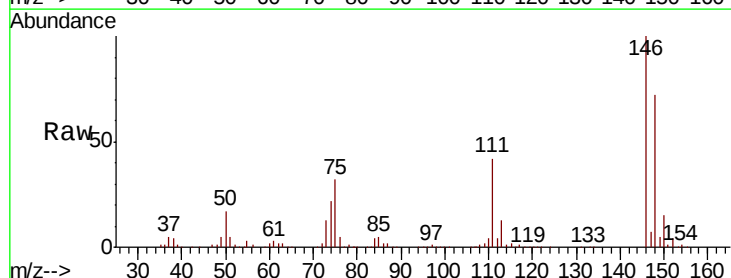
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

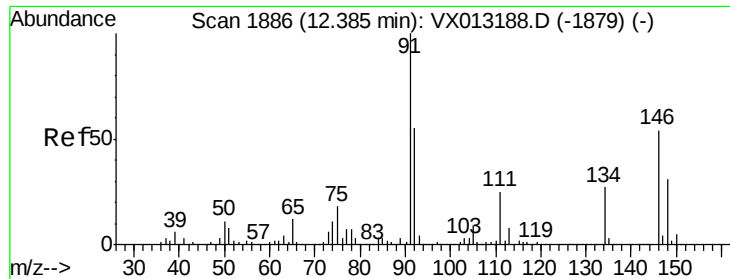
Tot Ion:146 Resp: 163875
 Ion Ratio Lower Upper
 146 100
 111 46.2 21.3 63.9
 148 68.0 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 47.930 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion:146 Resp: 167152
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 63.9
 148 66.4 32.5 97.5

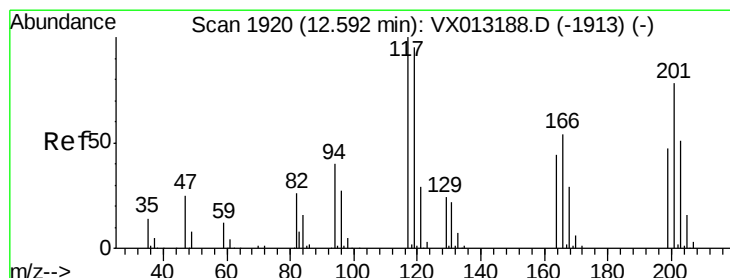
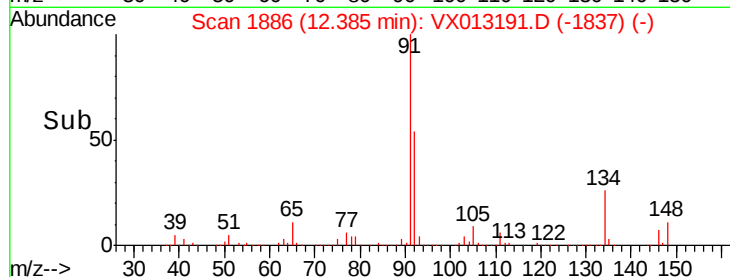
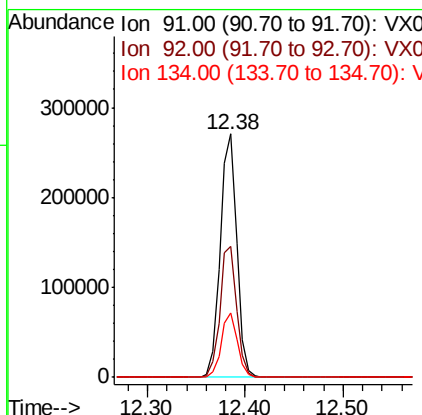
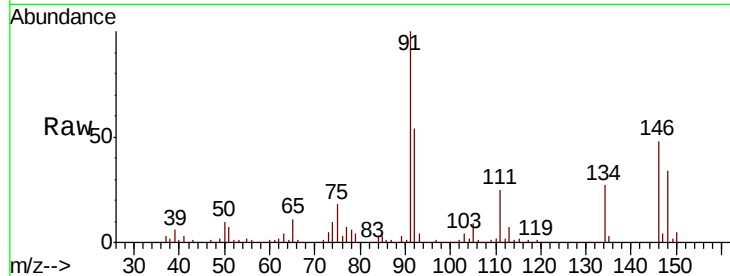




#89
n-Butylbenzene
Concen: 55.445 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

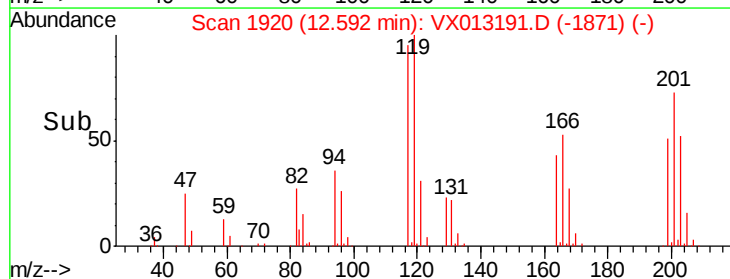
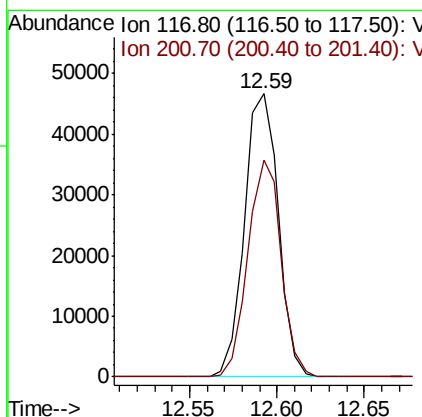
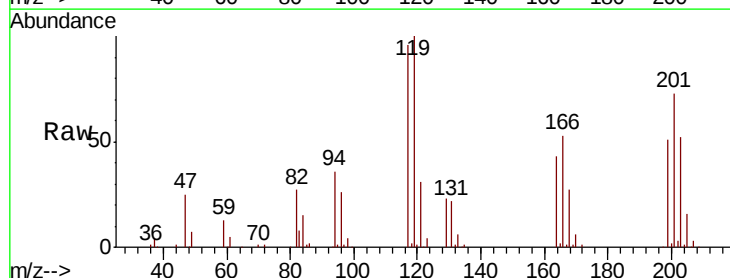
Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

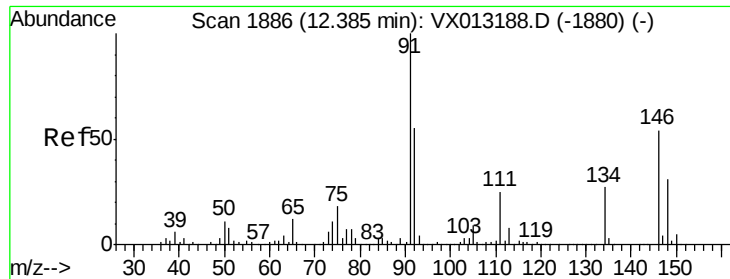
Tot Ion: 91 Resp: 315455
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.1
134 25.8 13.2 39.6



#90
Hexachloroethane
Concen: 54.109 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion: 117 Resp: 63022
Ion Ratio Lower Upper
117 100
201 75.3 39.0 116.9

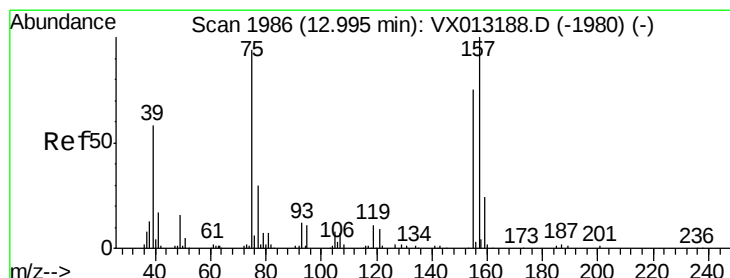
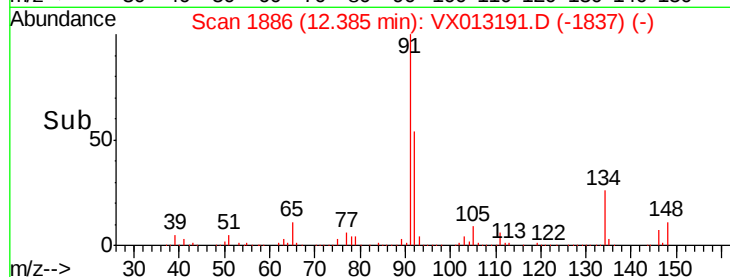
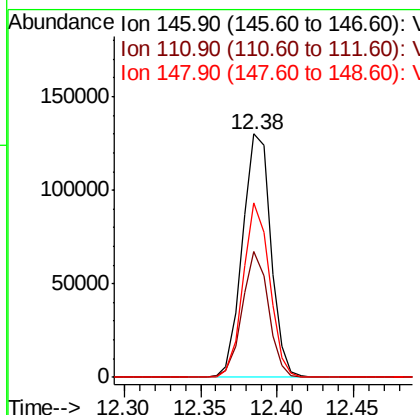
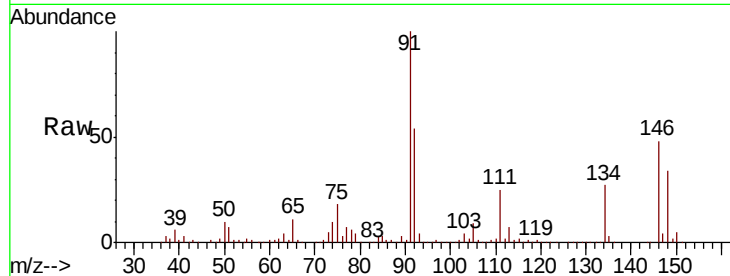




#91
 1,2-Dichlorobenzene
 Concen: 49.751 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

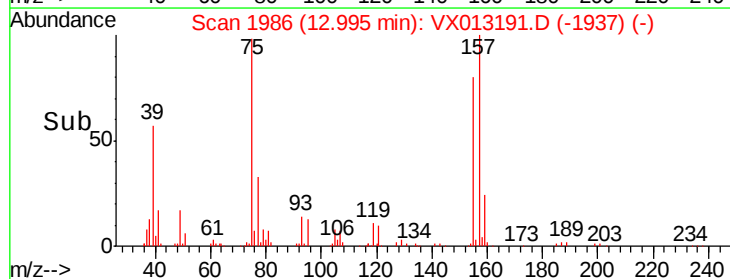
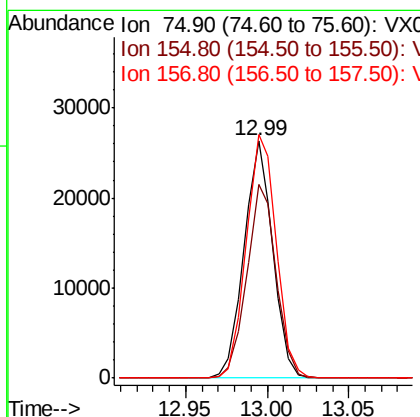
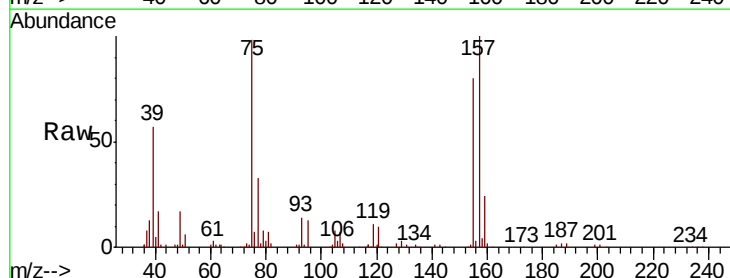
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

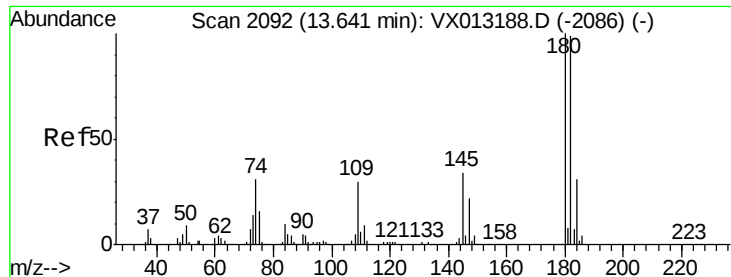
Tot Ion:146 Resp: 167572
 Ion Ratio Lower Upper
 146 100
 111 47.5 22.9 68.8
 148 66.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.227 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion: 75 Resp: 32391
 Ion Ratio Lower Upper
 75 100
 155 83.3 42.8 128.4
 157 107.2 54.3 162.8

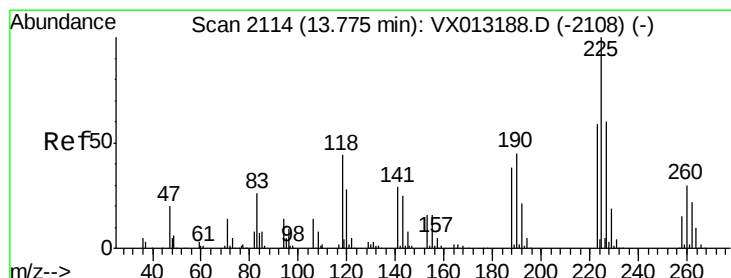
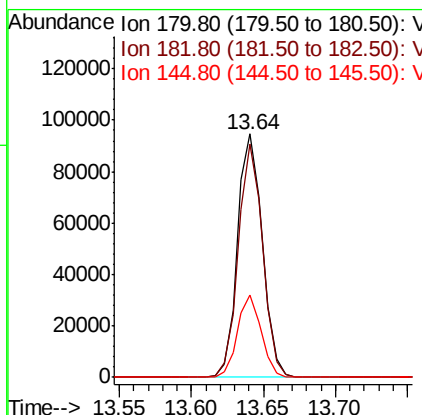
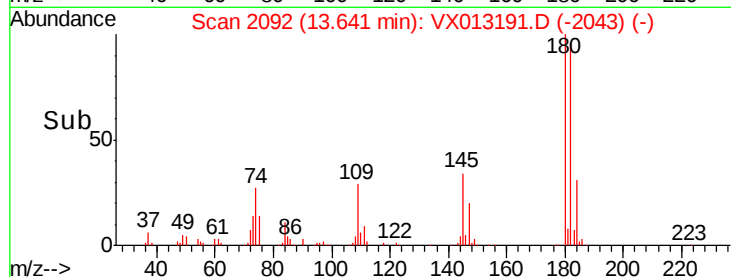
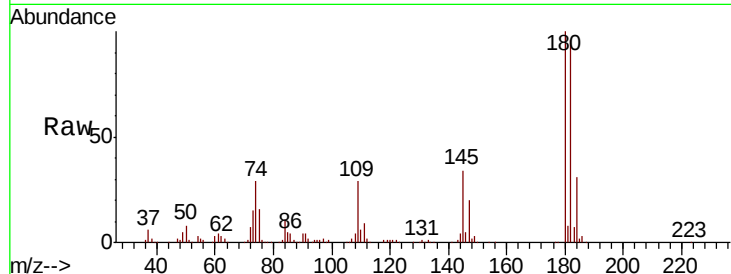




#93
 1,2,4-Trichlorobenzene
 Concen: 53.440 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

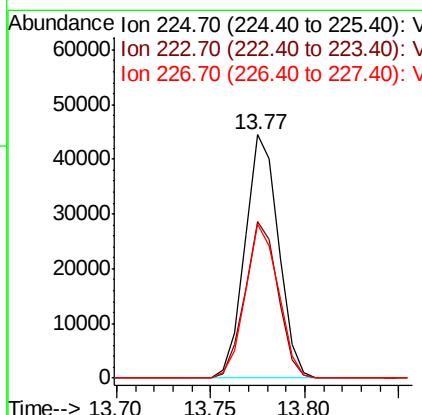
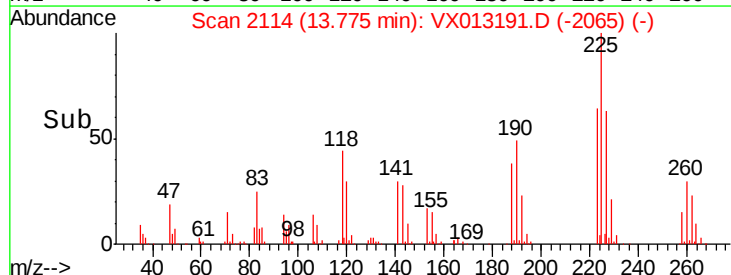
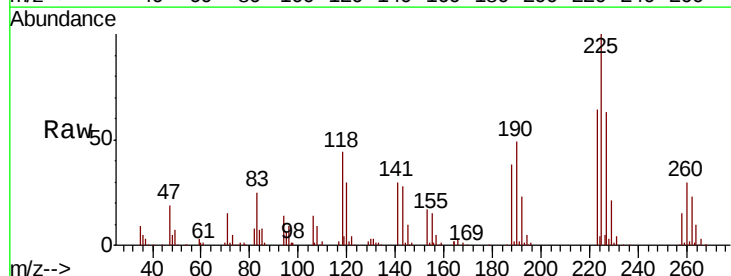
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102419

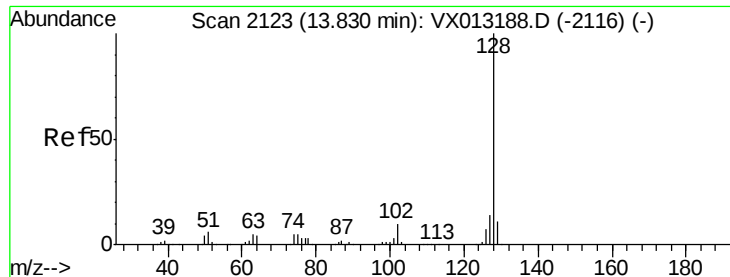
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	45.9	137.6
145	32.7	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 49.836 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013191.D
 Acq: 23 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.9	92.5
227	62.6	30.3	90.9

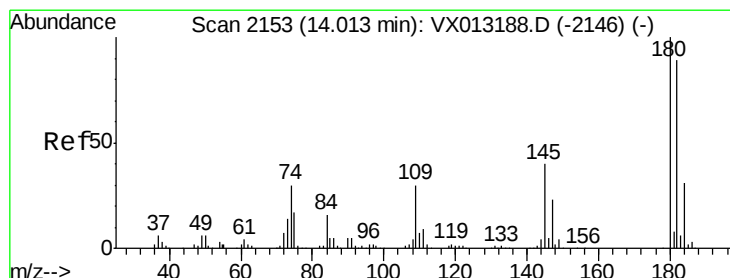
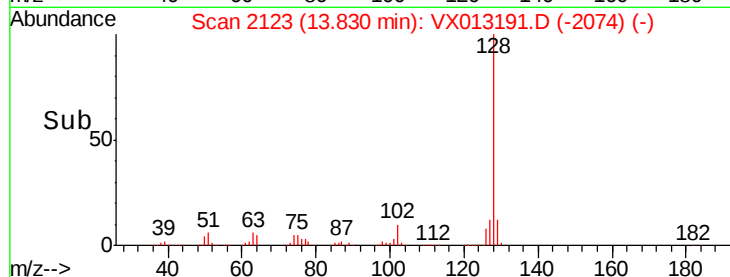
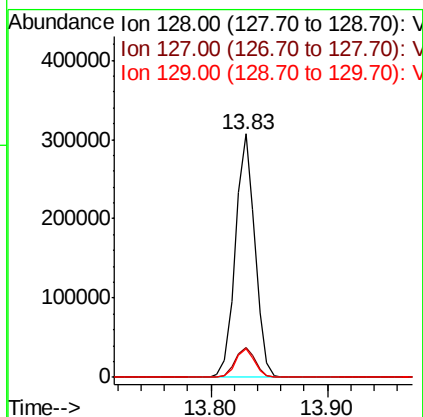
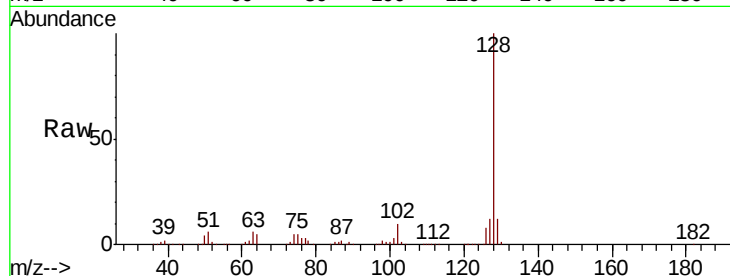




#95
Naphthalene
Concen: 54.885 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX102419

Tot Ion:128 Resp: 357265
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.986 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013191.D
Acq: 23 Oct 2019 16:26

Tgt Ion:180 Resp: 111049
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 34.8 18.6 55.6

