

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015749.D
 Acq On : 17 Apr 2020 19:25
 Operator : JC/SP
 Sample : L2305-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:18:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1066372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1653290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1610732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	910664	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	621432	41.32	ug/l	0.00
Spiked Amount			Recovery	=	82.64%	
35) Dibromofluoromethane	5.47	113	513972	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	8.70	98	1959544	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.12	95	841804	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.56	50	1299450	108.610	ug/l #	44
4) Vinyl Chloride	1.17	62	185515	16.887	ug/l #	42
5) Bromomethane	1.61	94	677	Below Cal	#	3
6) Chloroethane	1.92	64	4621	0.678	ug/l #	43
10) Methyl Iodide	2.51	142	6113	0.472	ug/l #	70
11) Tert butyl alcohol	3.01	59	43761	12.156	ug/l #	84
13) Acrolein	2.25	56	30028	14.643	ug/l #	26
14) Allyl chloride	2.67	41	11161	0.474	ug/l #	27
16) Acetone	2.42	43	3200199	495.269	ug/l	96
17) Carbon Disulfide	2.56	76	3067946	99.894	ug/l #	75
18) Methyl Acetate	2.75	43	14617	0.886	ug/l #	79
20) Methylene Chloride	2.83	84	3573	0.296	ug/l #	54
25) 2-Butanone	4.64	43	644986	62.069	ug/l	98
36) 1,1-Dichloropropene	5.63	75	70051	4.599	ug/l #	53
37) Ethyl Acetate	4.64	43	644986	32.518	ug/l #	70
38) Carbon Tetrachloride	5.64	117	94565	5.731	ug/l #	14
40) Benzene	6.12	78	5690847	127.534	ug/l	97
42) 1,2-Dichloroethane	6.11	62	54714	3.053	ug/l	78
43) Isopropyl Acetate	6.41	43	11208	0.335	ug/l #	87
44) Trichloroethene	7.20	130	2857	0.235	ug/l	63
49) 1,4-Dioxane	7.72	88	682	2.186	ug/l #	20
51) 4-Methyl-2-Pentanone	8.62	43	31667	1.669	ug/l #	49
52) Toluene	8.77	92	1747961	63.537	ug/l	97
55) 1,1,2-Trichloroethane	9.06	97	675232	59.907	ug/l #	17
56) Ethyl methacrylate	9.06	69	42440	2.137	ug/l #	8
58) 2-Chloroethyl Vinyl ether	8.20	63	3143	0.325	ug/l #	85
59) 2-Hexanone	9.48	43	19534	1.364	ug/l	98
65) Chlorobenzene	10.32	112	105275	3.277	ug/l #	52
67) Ethyl Benzene	10.24	91	1199640	21.056	ug/l	99
68) m/p-Xylenes	10.34	106	2009677	94.730	ug/l	98
69) o-Xylene	10.68	106	776236	37.028	ug/l	100
70) Styrene	10.69	104	85275	2.312	ug/l #	1
73) Isopropylbenzene	11.01	105	24506	0.411	ug/l	88
76) 1,2,3-Trichloropropane	11.12	75	417171	22.276	ug/l #	35

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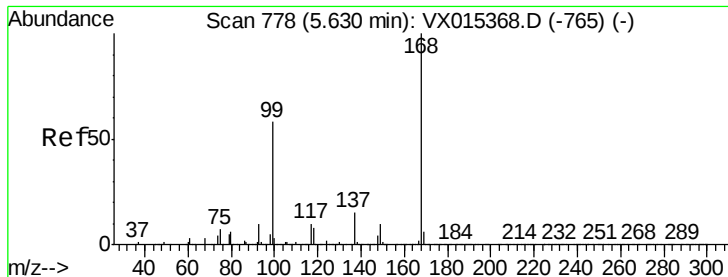
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:18:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.34	91	59970	0.879	ug/l	96
79) 2-Chlorotoluene	11.42	91	44664	1.068	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.49	105	264321	5.187	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	417171	53.451	ug/l #	10
82) 4-Chlorotoluene	11.49	91	29165	0.595	ug/l #	45
83) tert-Butylbenzene	11.79	119	116165	2.334	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.79	105	915932	17.638	ug/l	98
85) sec-Butylbenzene	11.79	105	915932	15.911	ug/l #	56
86) p-Isopropyltoluene	12.05	119	206287	3.860	ug/l	100
89) n-Butylbenzene	12.37	91	15342	0.318	ug/l #	52
90) Hexachloroethane	12.68	117	10100	0.971	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.01	75	10379	1.796	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

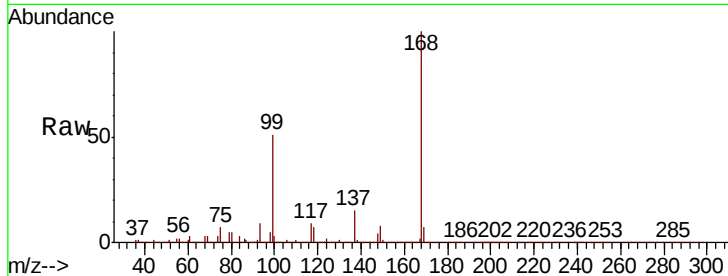
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 1066372

Ion Ratio Lower Upper

168 100

99 51.1 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

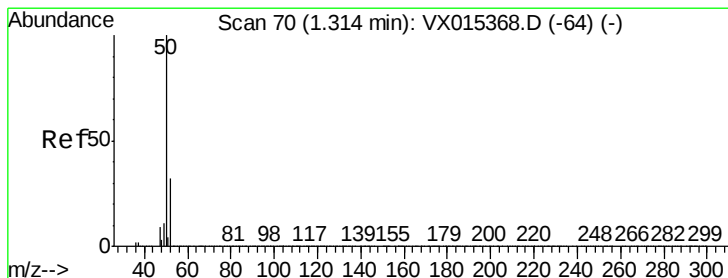
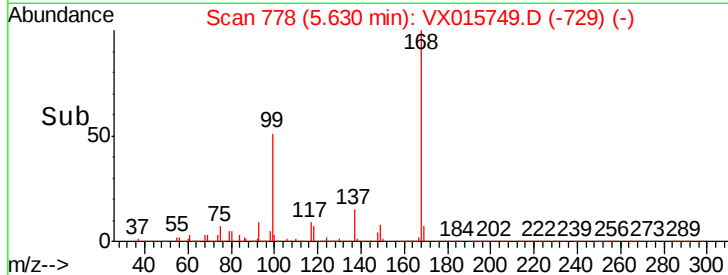
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 108.610 ug/l

RT: 1.56 min Scan# 111

Delta R.T. 0.25 min

Lab File: VX015749.D

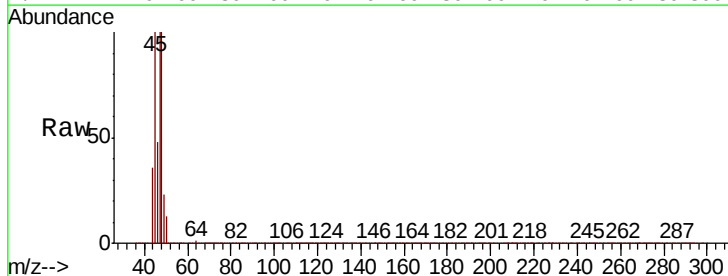
Acq: 17 Apr 2020 19:25

Tgt Ion: 50 Resp: 1299450

Ion Ratio Lower Upper

50 100

52 0.3 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.56

1200000

1000000

800000

600000

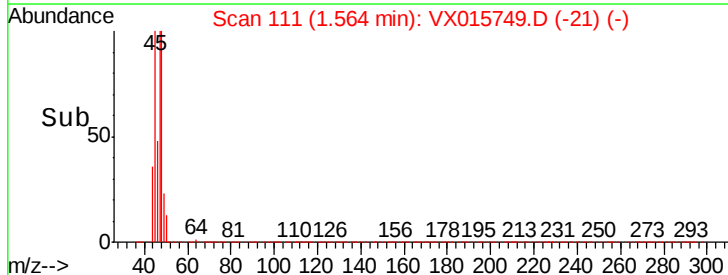
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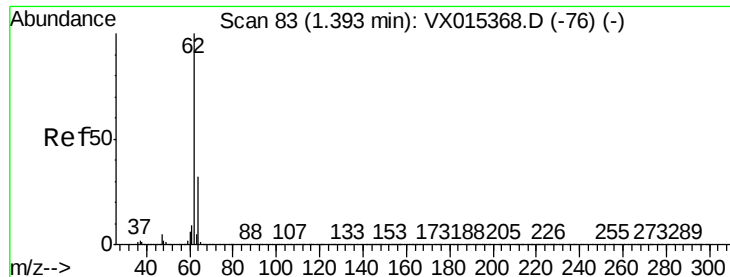
200000

0

Time-->

1.52 1.54 1.56 1.58 1.60





#4

Vinyl Chloride

Concen: 16.887 ug/l

RT: 1.17 min Scan# 47

Delta R.T. -0.22 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

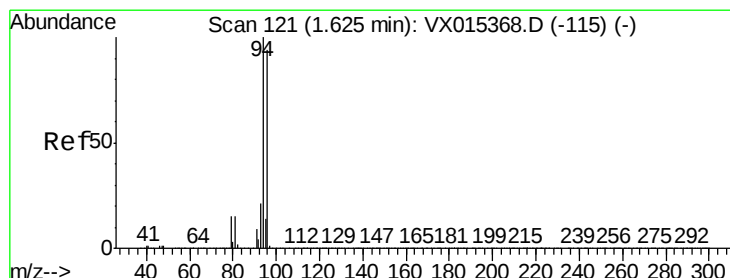
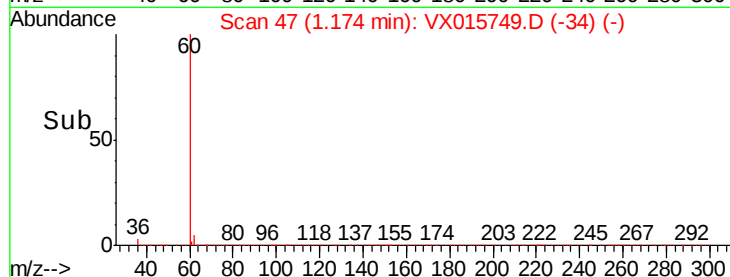
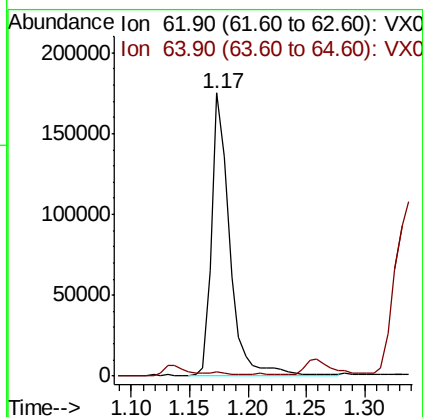
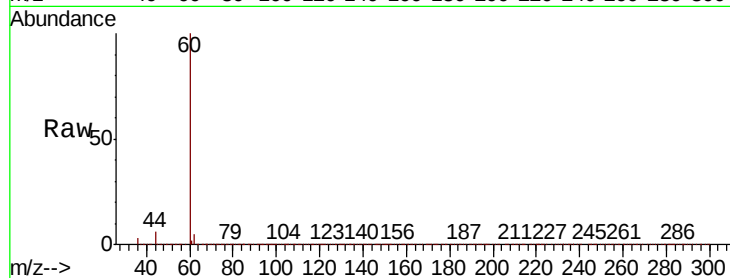
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 62 Resp: 185515

Ion Ratio Lower Upper

62 100

64 0.0 26.0 39.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 118

Delta R.T. -0.02 min

Lab File: VX015749.D

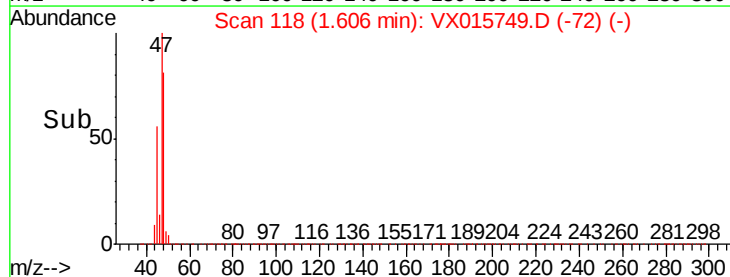
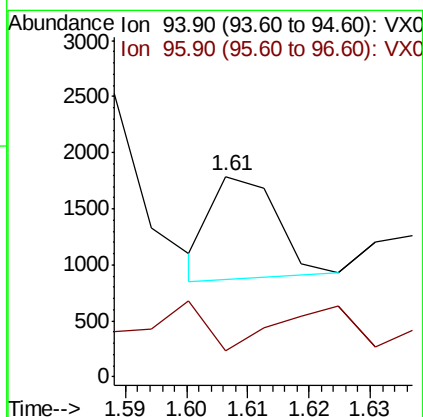
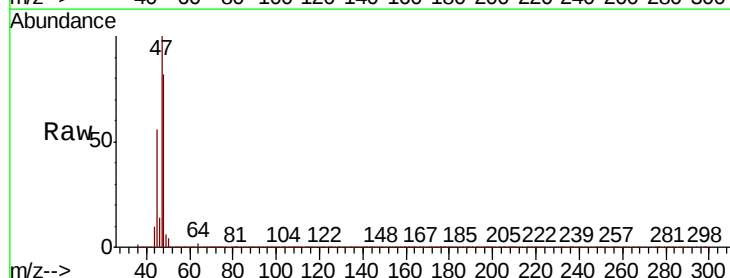
Acq: 17 Apr 2020 19:25

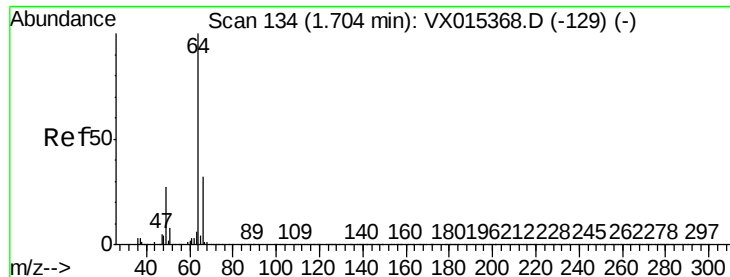
Tgt Ion: 94 Resp: 677

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#





#6

Chloroethane

Concen: 0.678 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.22 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

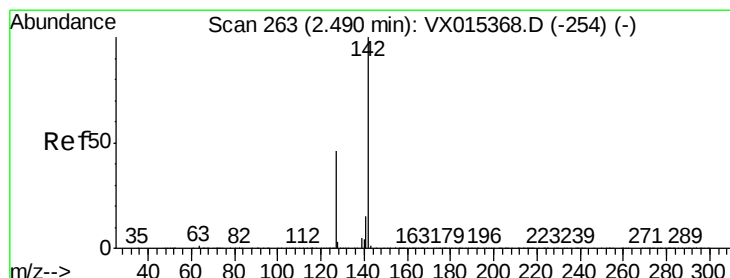
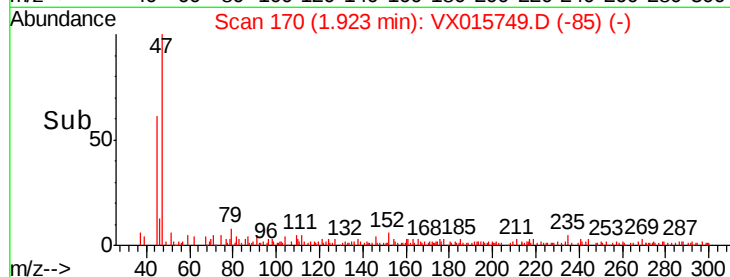
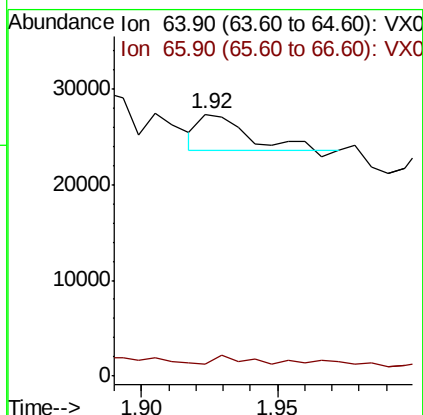
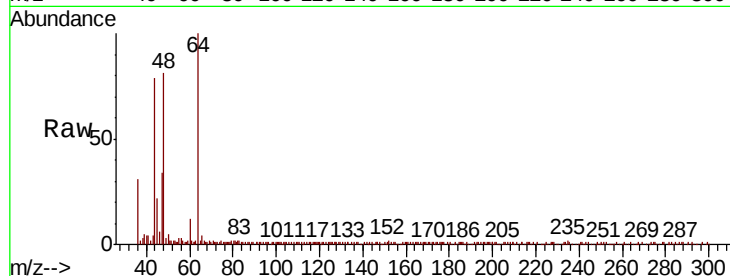
ClientSampleId :

Tot Ion: 64 Resp: 4621

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#



#10

Methyl Iodide

Concen: 0.472 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.02 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

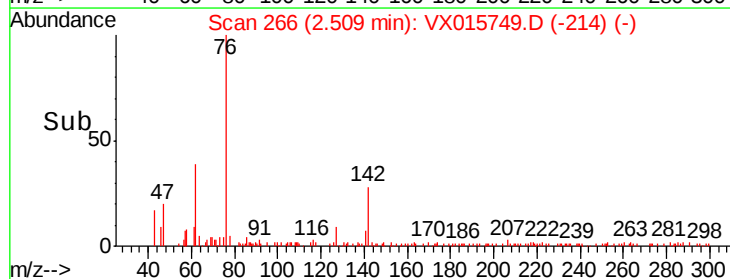
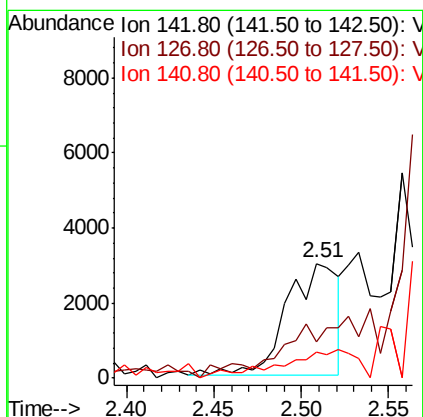
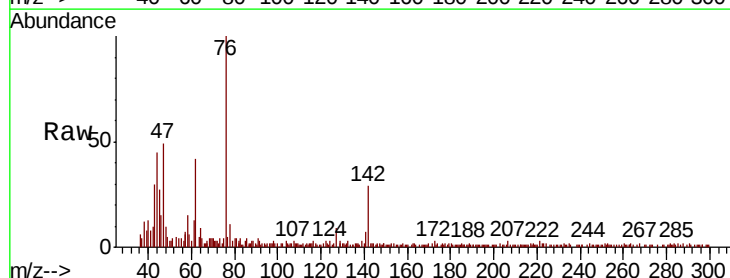
Tgt Ion: 142 Resp: 6113

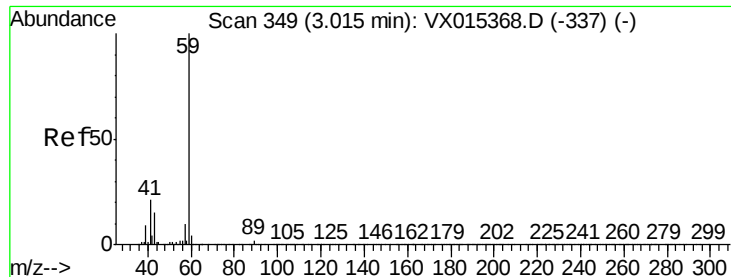
Ion Ratio Lower Upper

142 100

127 26.2 35.9 53.9#

141 0.0 11.6 17.4#



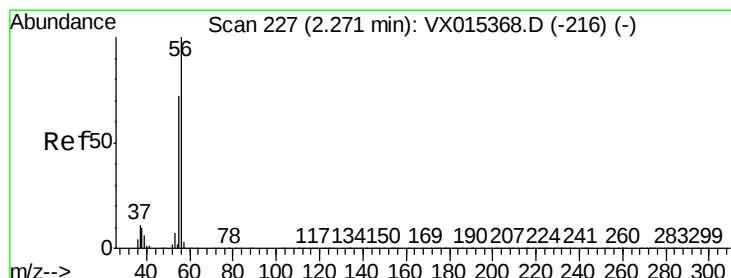
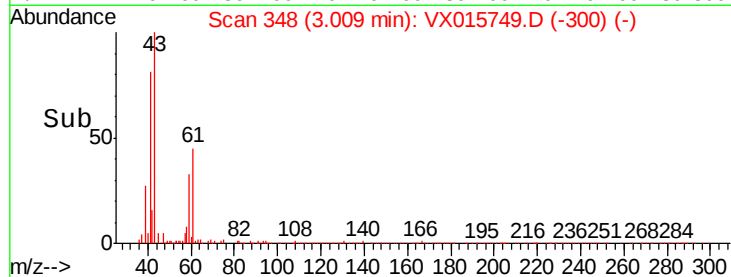
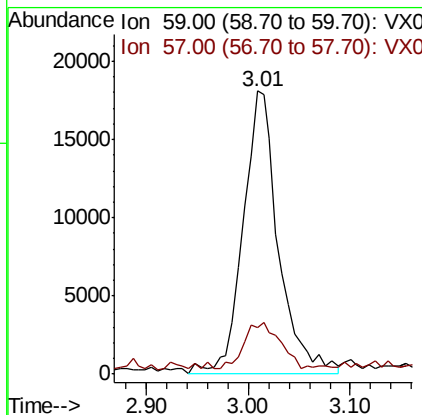
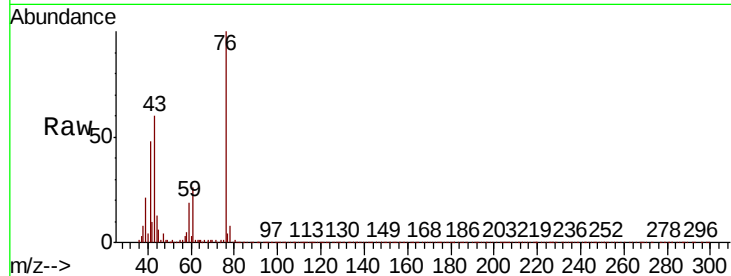


#11

Tert butyl alcohol
 Concen: 12.156 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Instrument :
 MSVOA_X
 ClientSampled :

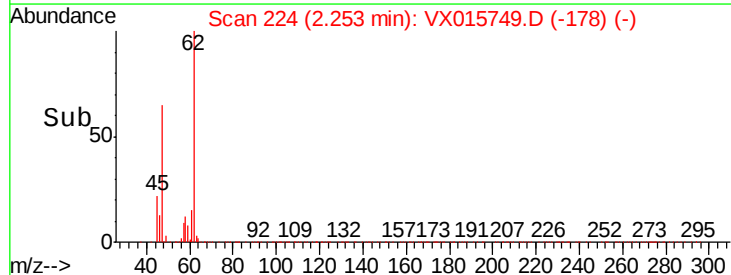
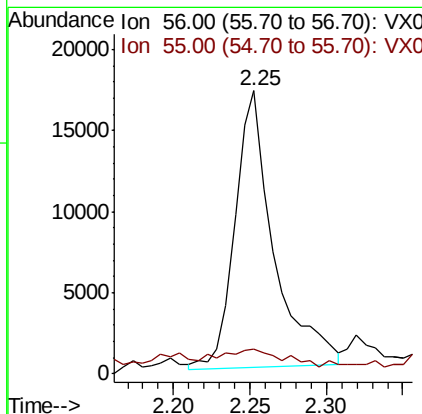
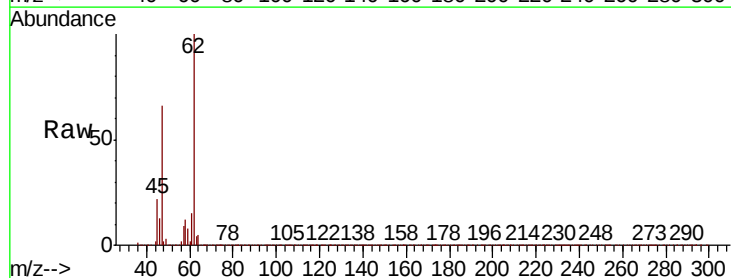
Tot Ion: 59 Resp: 43761
 Ion Ratio Lower Upper
 59 100
 57 16.1 8.1 12.1#

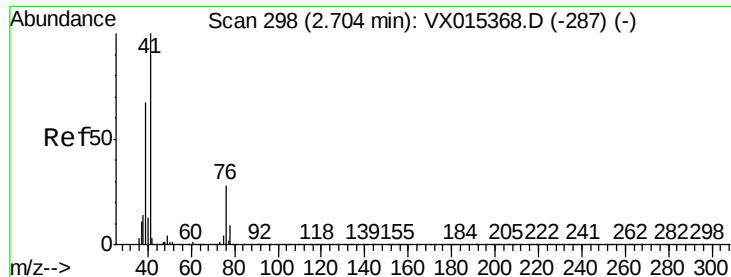


#13

Acrolein
 Concen: 14.643 ug/l
 RT: 2.25 min Scan# 224
 Delta R.T. -0.02 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Tgt Ion: 56 Resp: 30028
 Ion Ratio Lower Upper
 56 100
 55 9.8 57.0 85.4#





#14

Allvl chloride

Concen: 0.474 ug/l

RT: 2.67 min Scan# 293

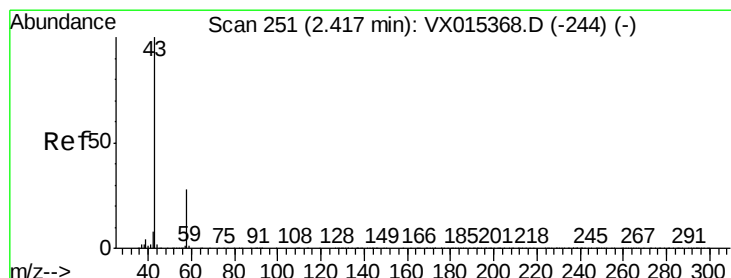
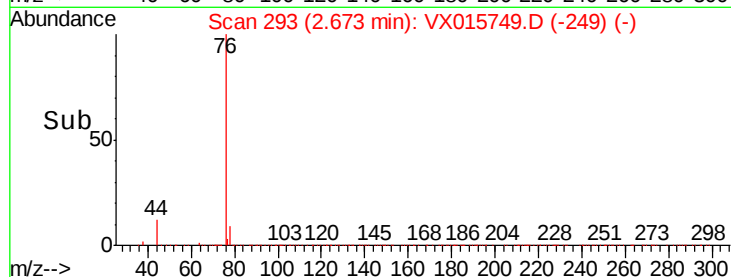
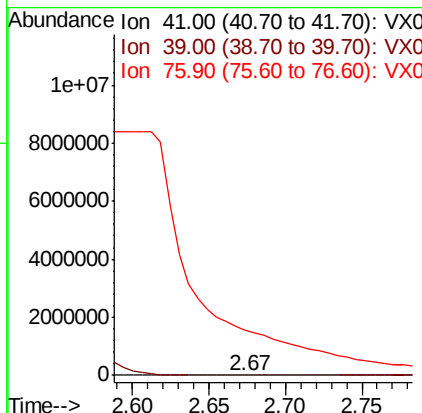
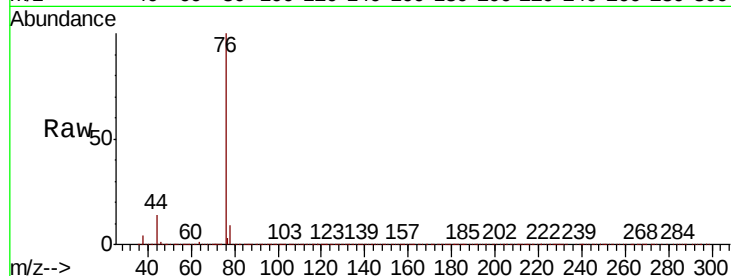
Delta R.T. -0.03 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	11161
Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.4	77.0#
76	0.0	21.8	32.8#



#16

Acetone

Concen: 495.269 ug/l

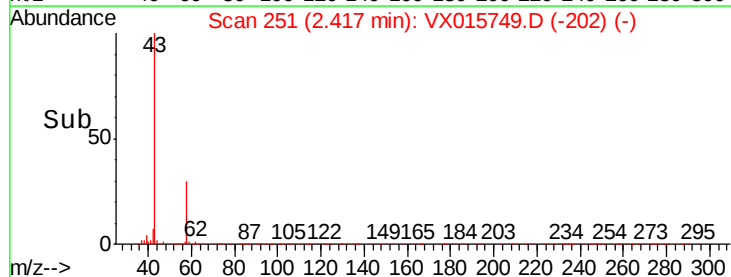
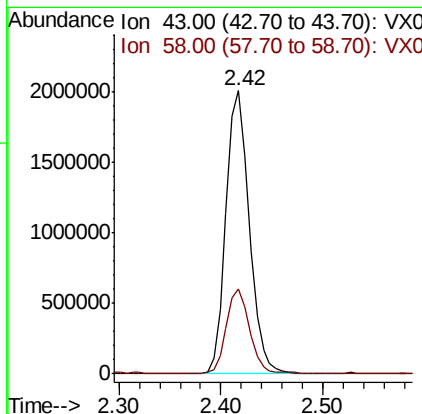
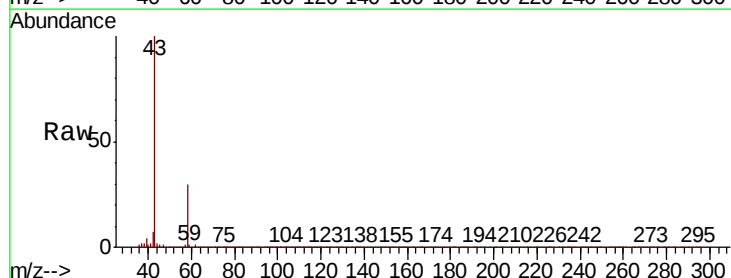
RT: 2.42 min Scan# 251

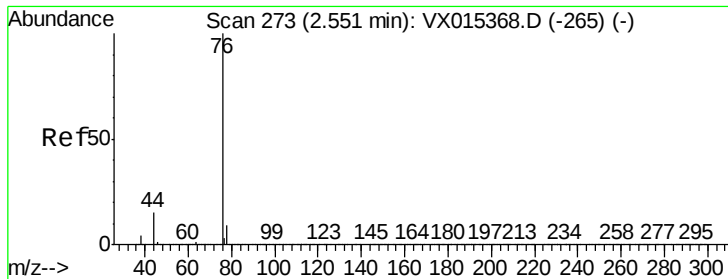
Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Tgt Ion:	43	Resp:	3200199
Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.1	33.1

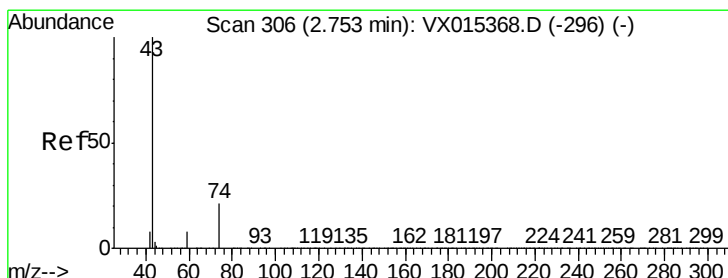
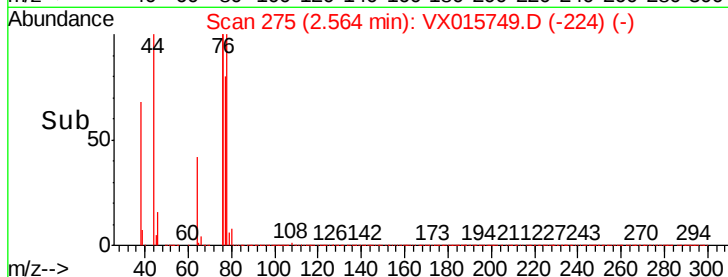
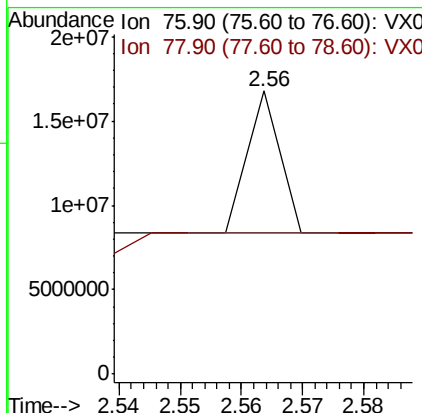
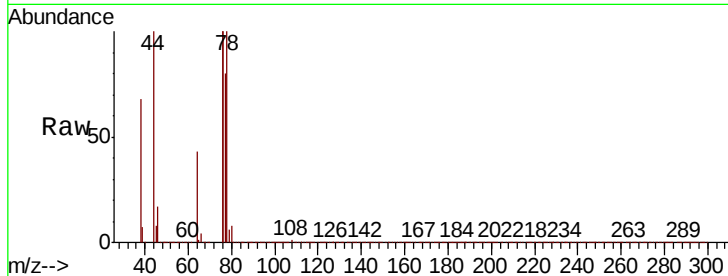




#17
Carbon Disulfide
Concen: 99.894 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

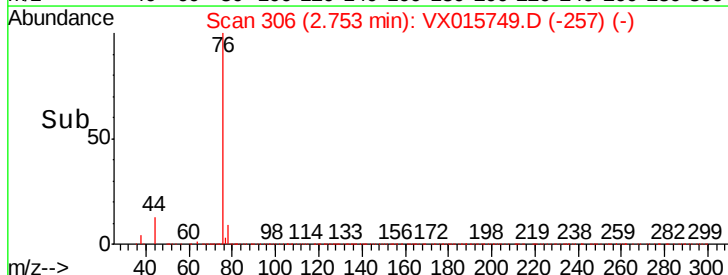
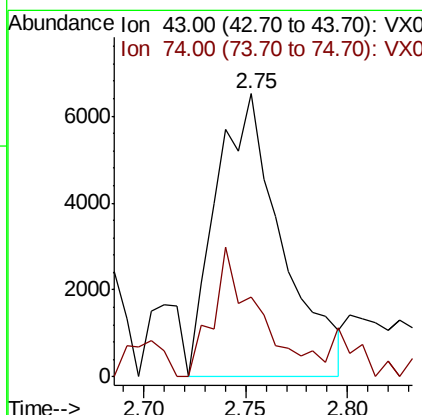
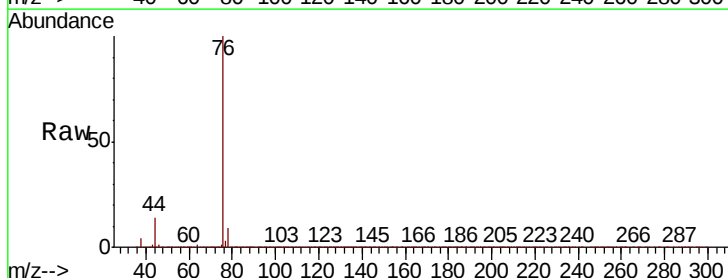
Instrument :
MSVOA_X
ClientSampleId :

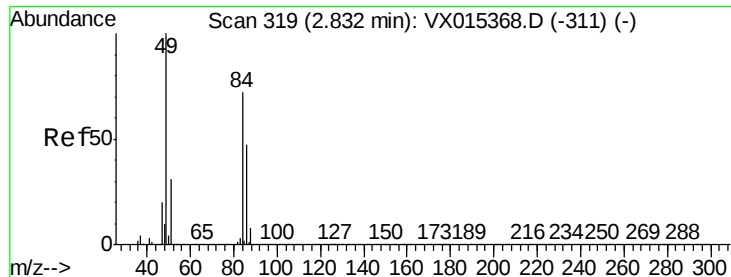
Tot Ion: 76 Resp: 3067946
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.886 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion: 43 Resp: 14617
Ion Ratio Lower Upper
43 100
74 30.2 16.5 24.7#

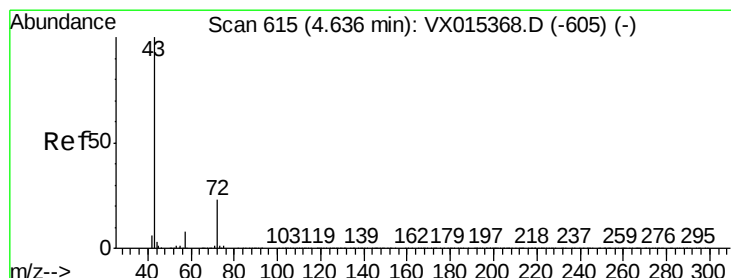
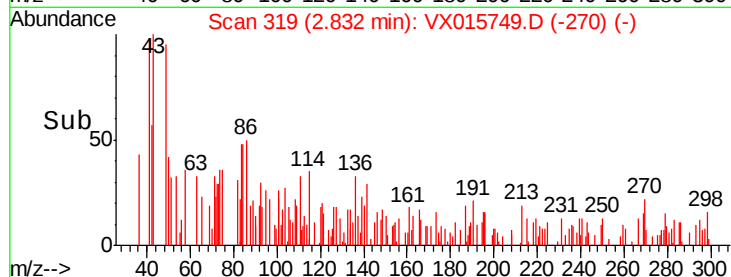
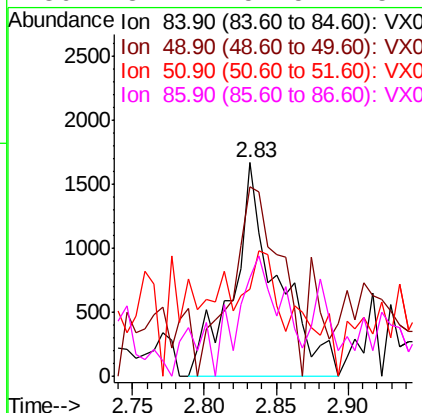
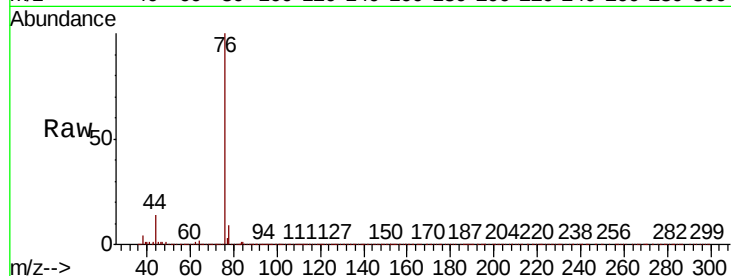




#20
Methvlene Chloride
Concen: 0.296 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

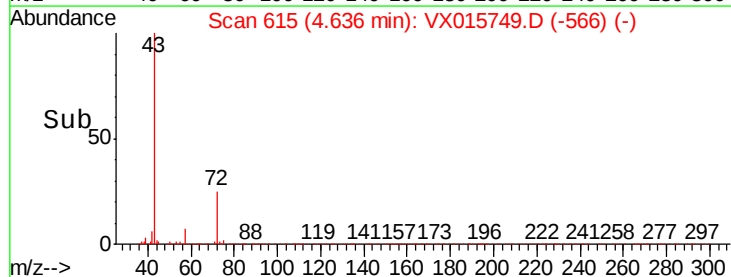
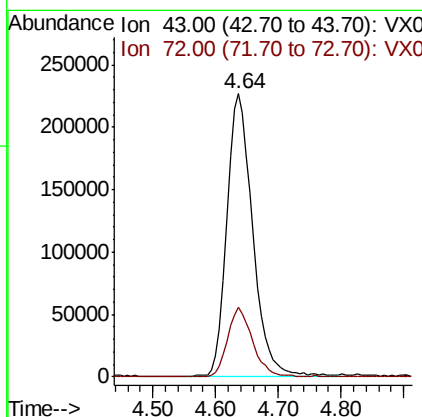
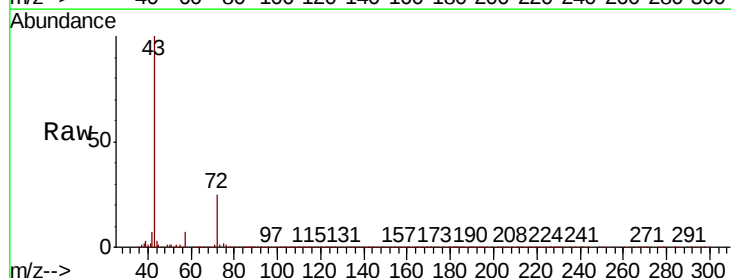
Instrument :
MSVOA_X
ClientSampleId :

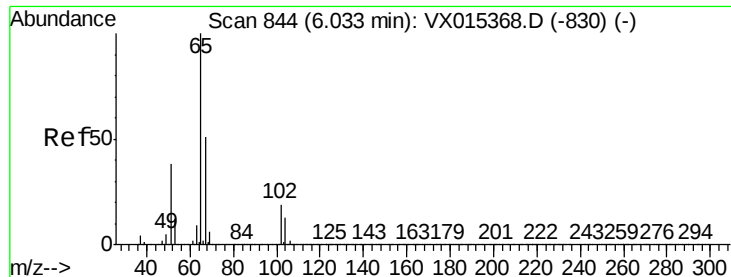
Tot Ion: 84 Resp: 3573
Ion Ratio Lower Upper
84 100
49 63.8 111.3 166.9#
51 40.6 34.0 51.0
86 34.4 52.5 78.7#



#25
2-Butanone
Concen: 62.069 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion: 43 Resp: 644986
Ion Ratio Lower Upper
43 100
72 24.4 19.0 28.4





#33

1,2-Dichloroethane-d4

Concen: 41.319 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

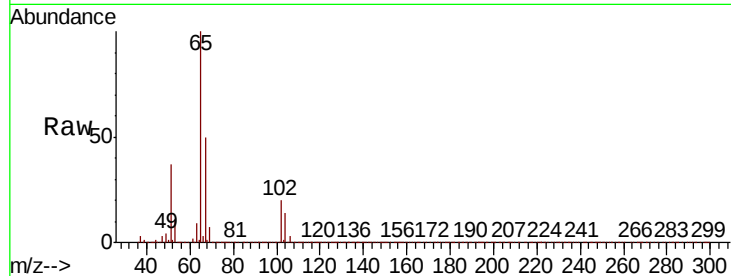
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 65 Resp: 621432

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

250000

200000

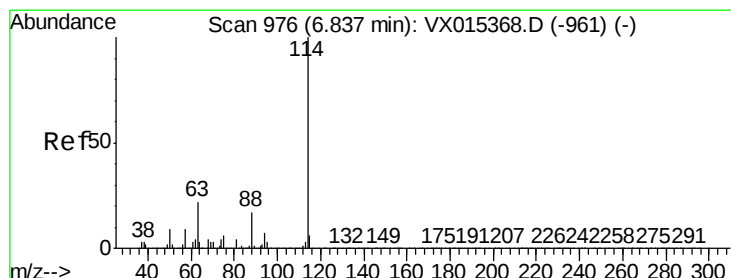
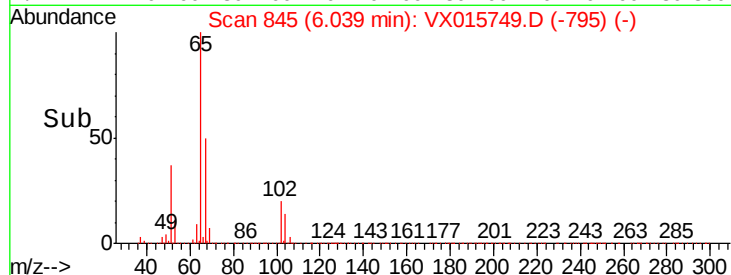
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

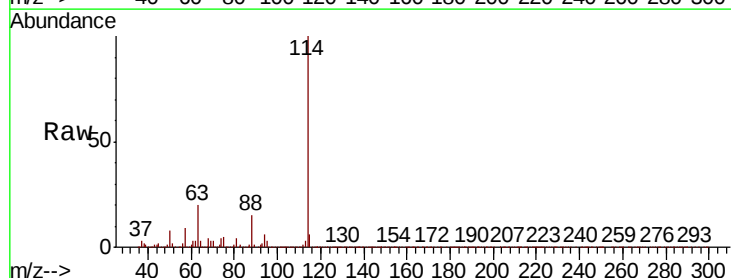
Tgt Ion:114 Resp: 1653290

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.2

88 15.3 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

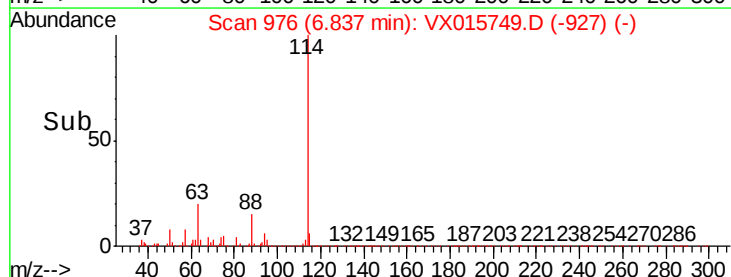
600000

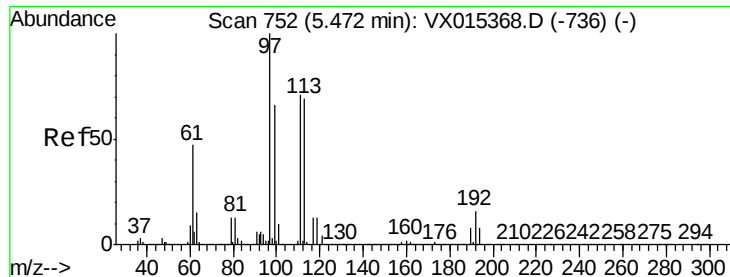
400000

200000

0

Time--> 6.70 6.80 6.90 7.00

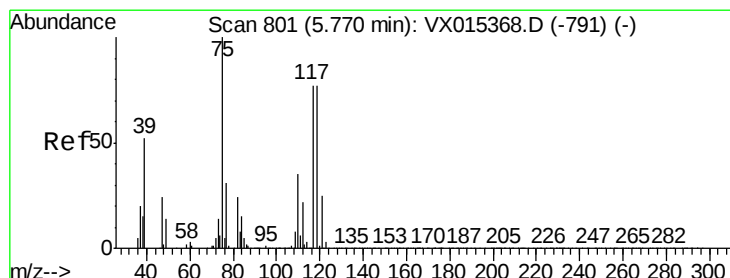
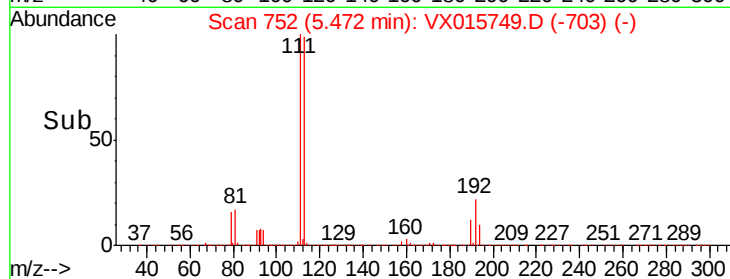
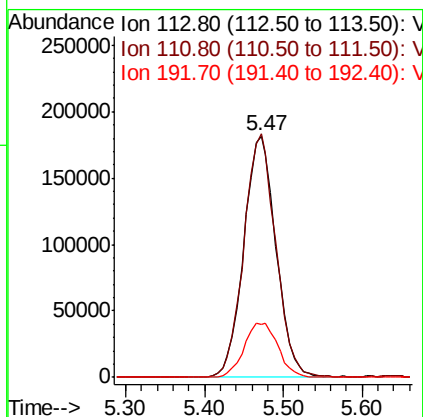
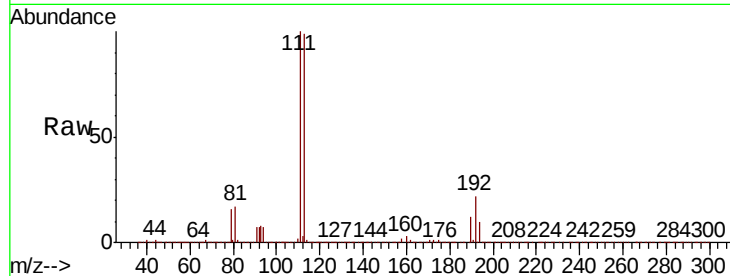




#35
 Dibromofluoromethane
 Concen: 48.633 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

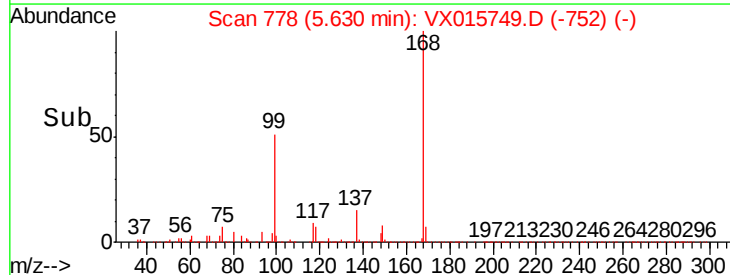
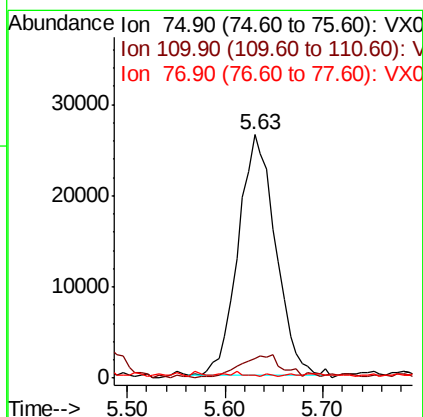
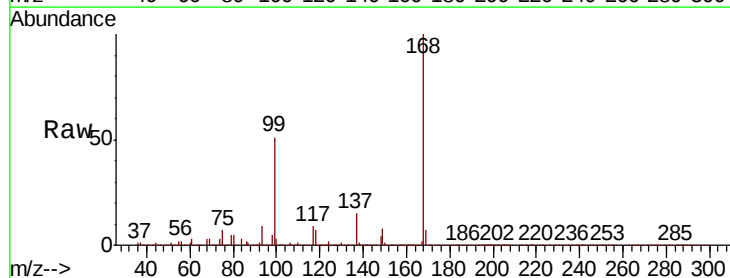
Instrument :
 MSVOA_X
 ClientSampleId :

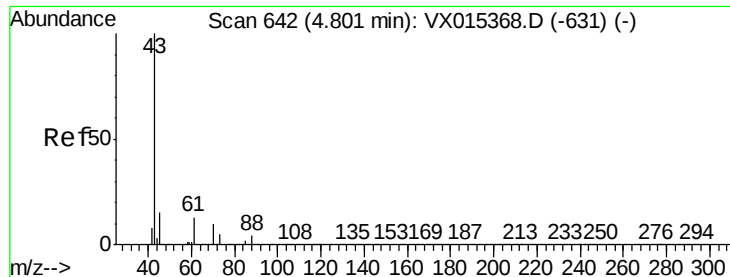
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.5	122.3
192	23.9	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 4.599 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.6	17.1	51.3#
77	0.0	24.6	36.8#

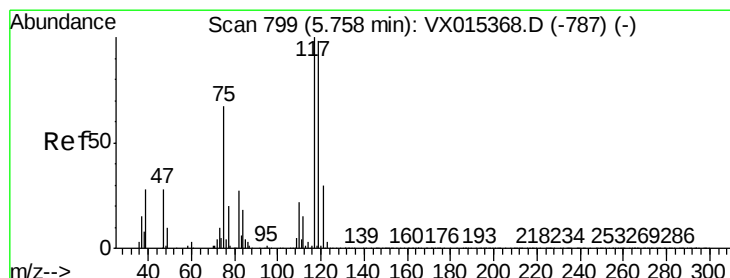
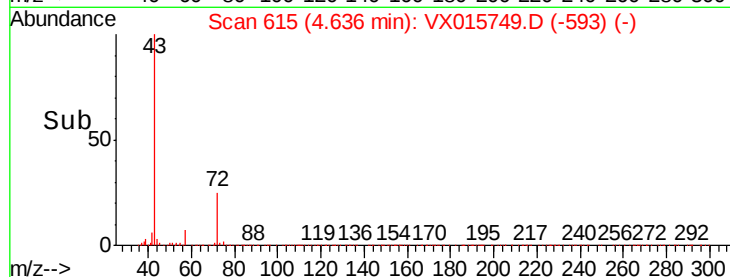
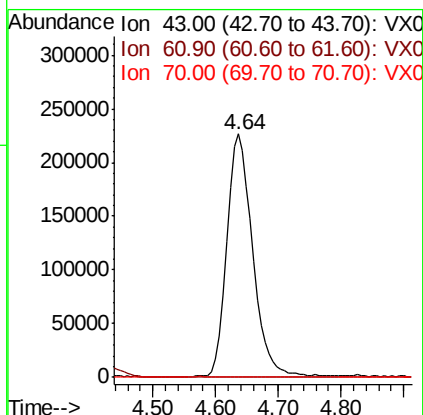
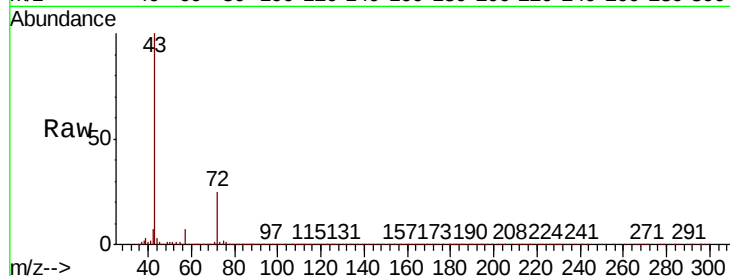




#37
Ethyl Acetate
Concen: 32.518 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.16 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

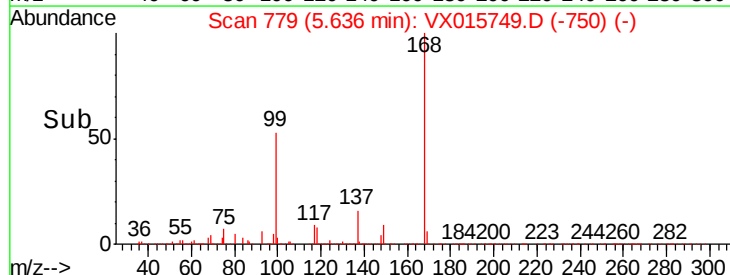
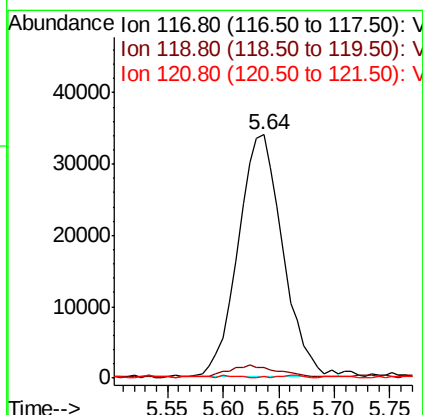
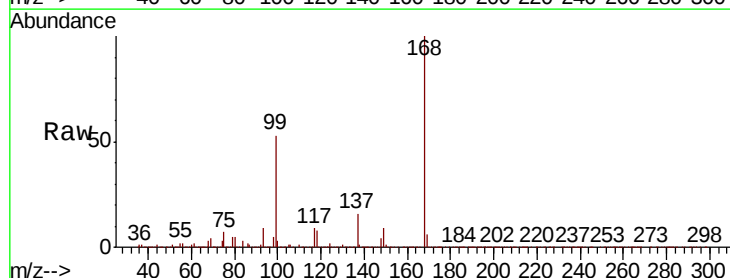
Instrument :
MSVOA_X
ClientSampleId :

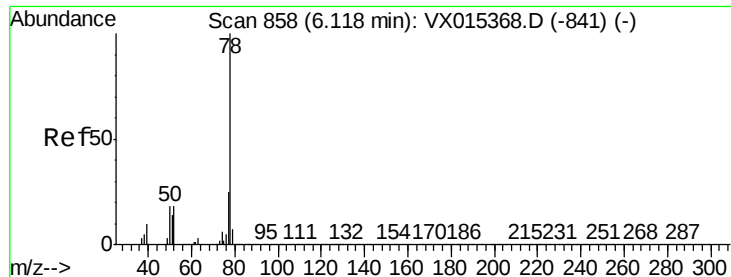
Tot Ion: 43 Resp: 644986
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.1 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.12 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion: 117 Resp: 94565
Ion Ratio Lower Upper
117 100
119 4.0 78.0 117.0#
121 0.0 23.8 35.8#





#40

Benzene

Concen: 127.534 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

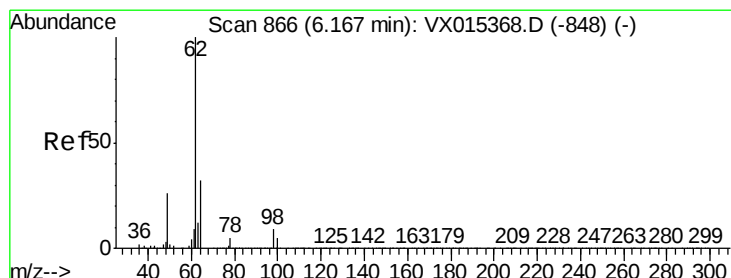
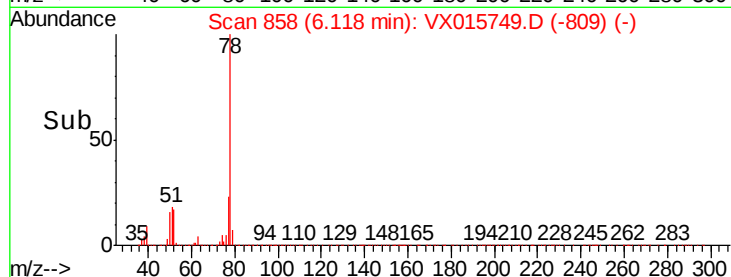
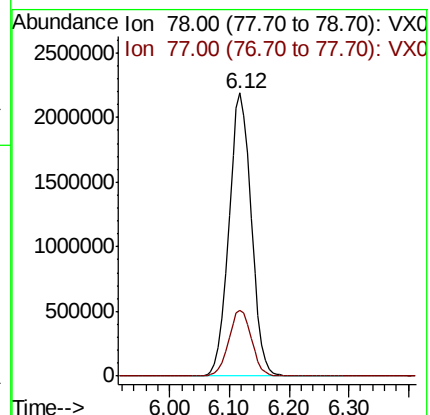
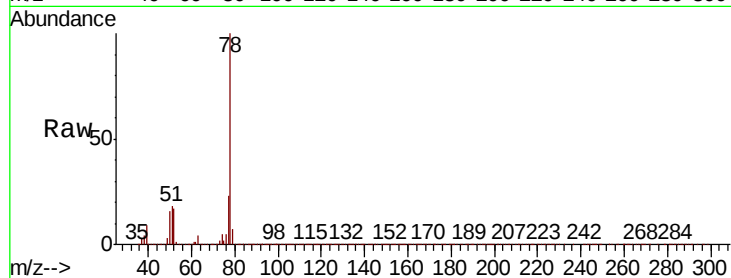
Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 5690847

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.8	29.8



#42

1,2-Dichloroethane

Concen: 3.053 ug/l

RT: 6.11 min Scan# 857

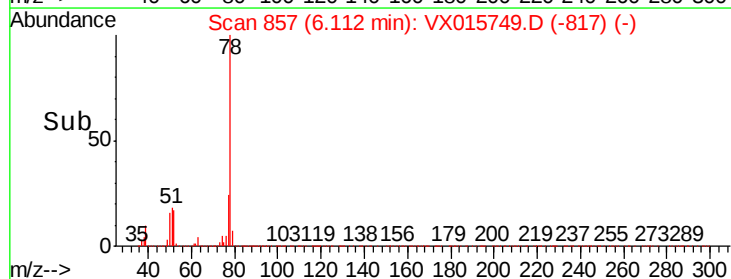
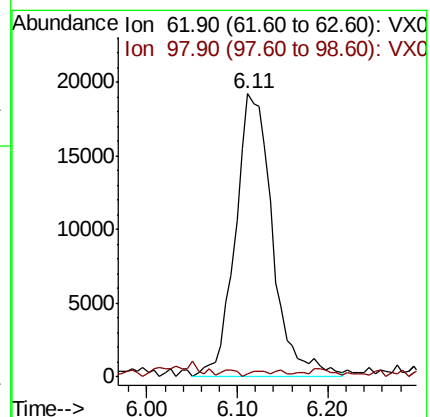
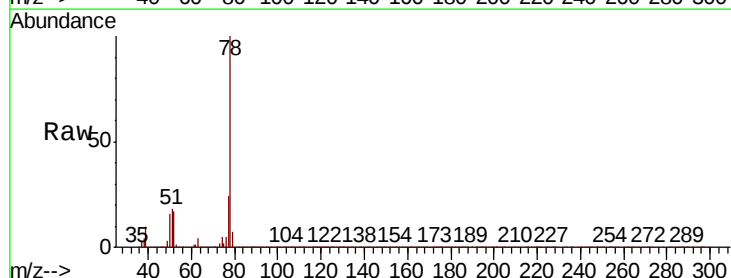
Delta R.T. -0.05 min

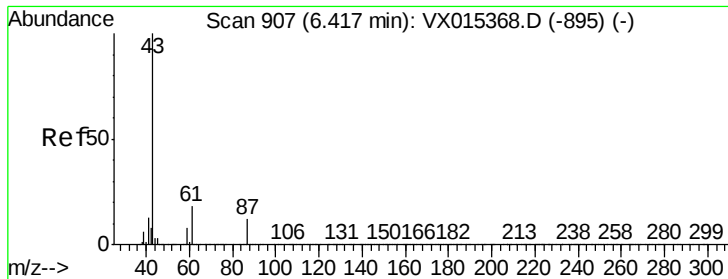
Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Tgt Ion: 62 Resp: 54714

Ion	Ratio	Lower	Upper
62	100		
98	1.0	0.0	17.6



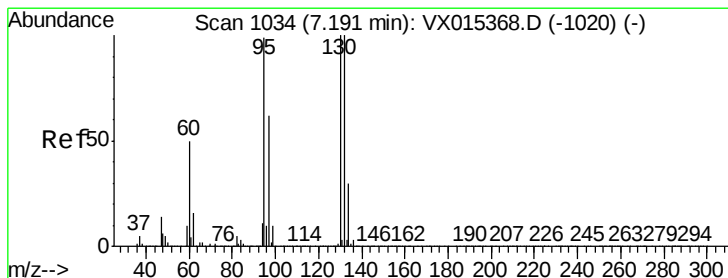
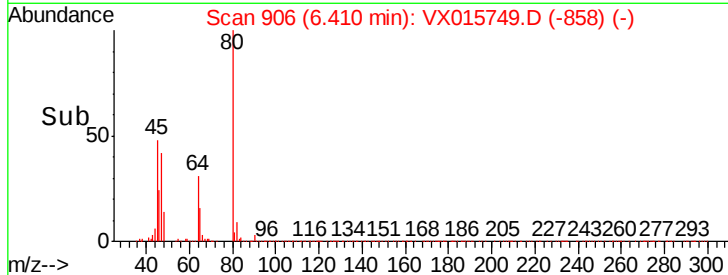
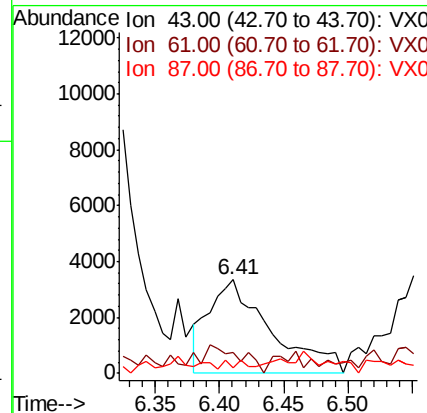
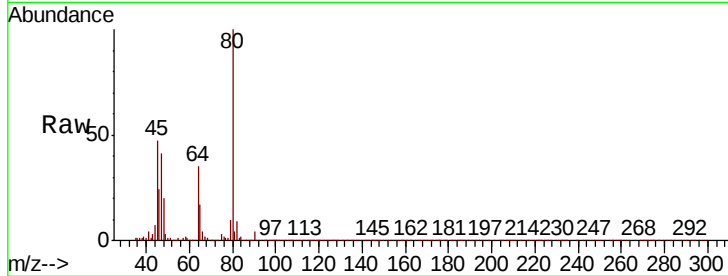


#43

Isopropyl Acetate
 Concen: 0.335 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Instrument :
 MSVOA_X
 ClientSampled :

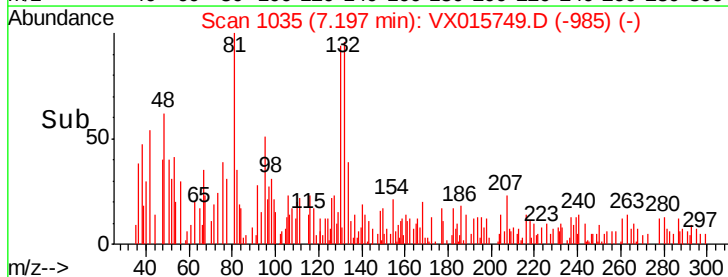
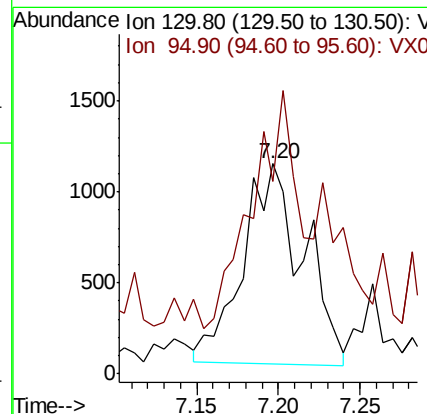
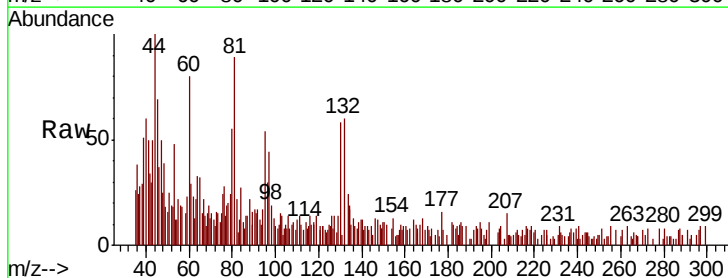
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	14.8	22.2
87	1.0	9.4	14.0

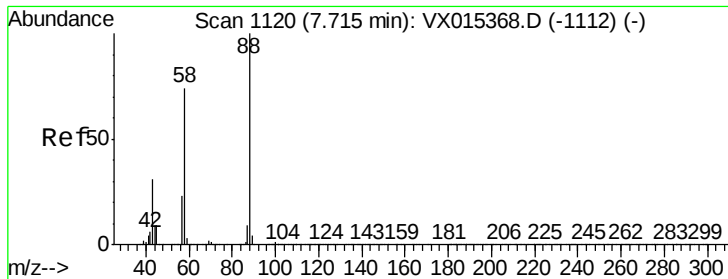


#44

Trichloroethene
 Concen: 0.235 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	63.1	0.0	199.0





#49

1,4-Dioxane

Concen: 2.186 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

ClientSampled :

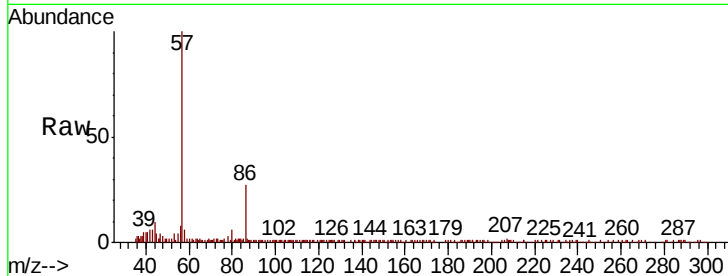
Tot Ion: 88 Resp: 682

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

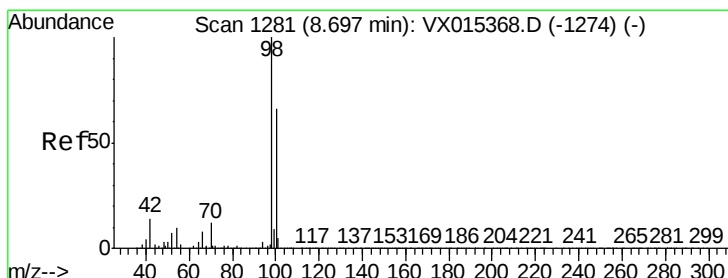
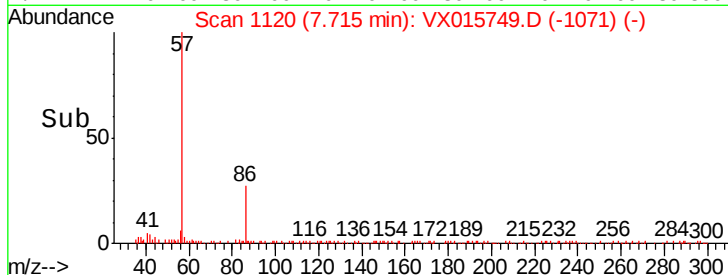
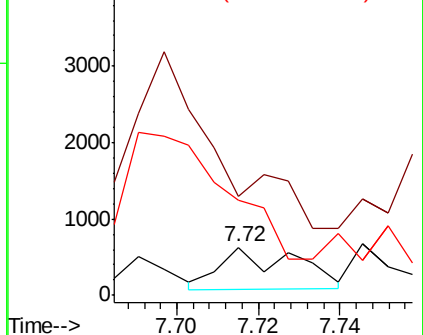
58 0.0 60.6 90.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.361 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015749.D

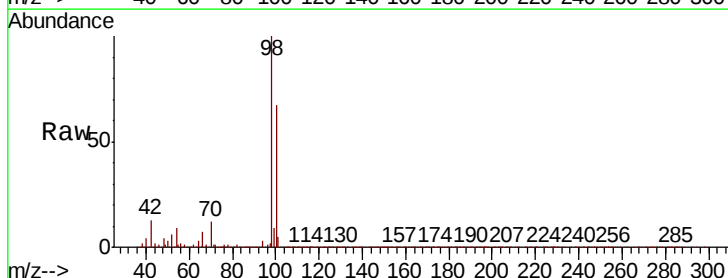
Acq: 17 Apr 2020 19:25

Tgt Ion: 98 Resp: 1959544

Ion Ratio Lower Upper

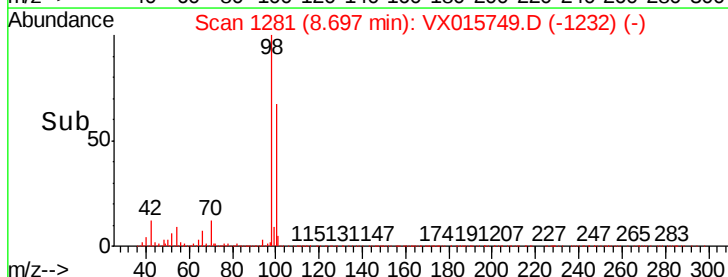
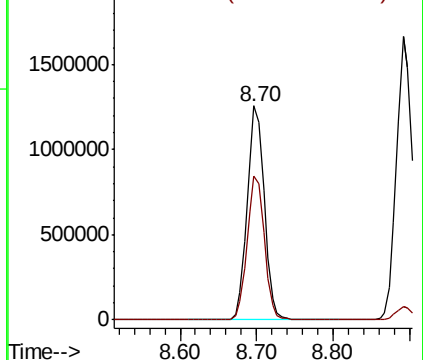
98 100

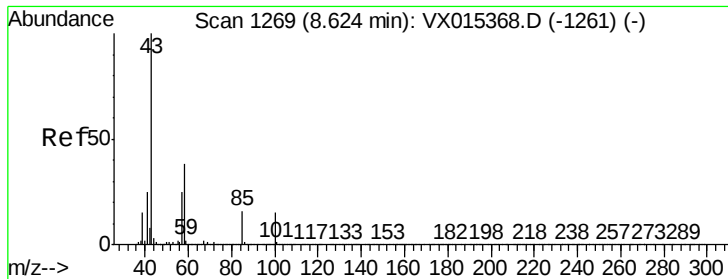
100 67.7 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

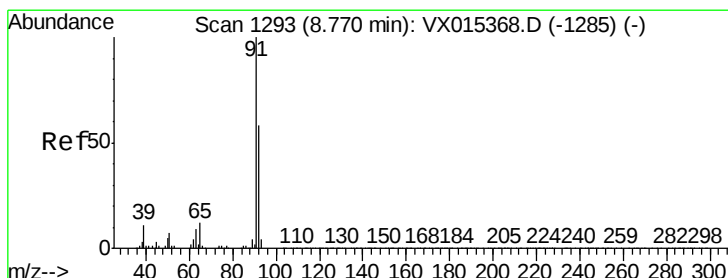
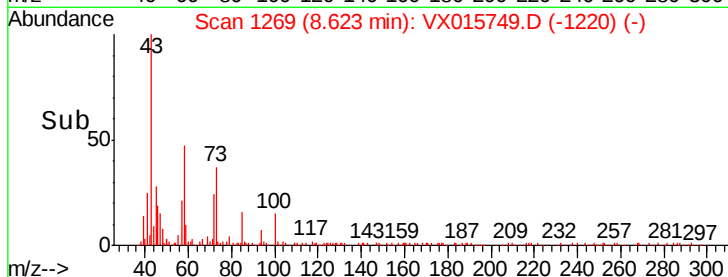
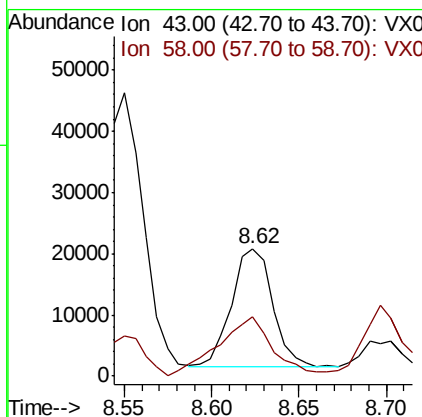
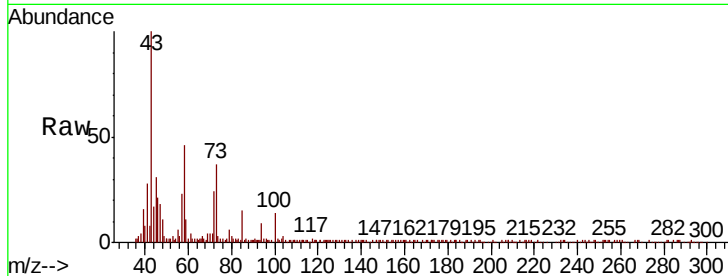




#51
 4-Methyl-2-Pentanone
 Concen: 1.669 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

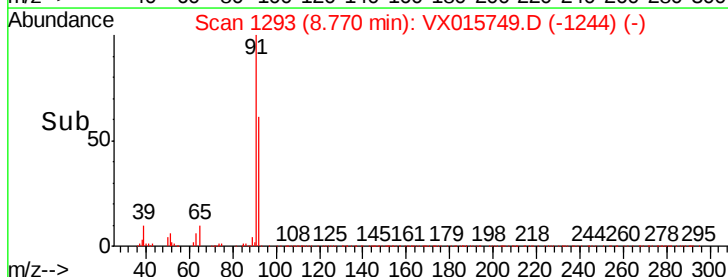
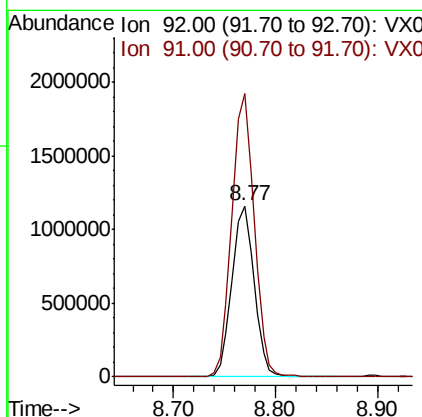
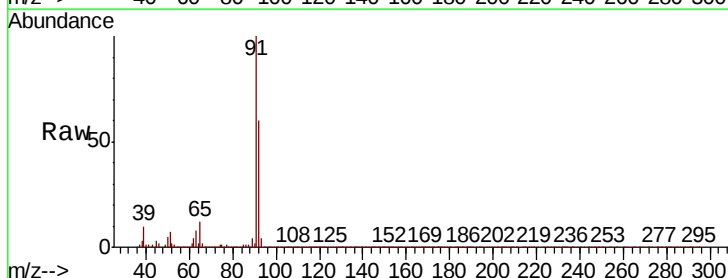
Instrument :
 MSVOA_X
 ClientSampleId :

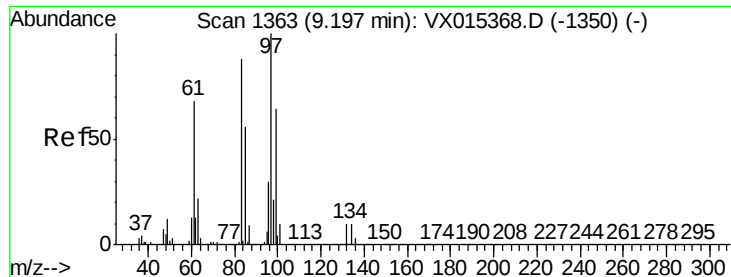
Tot Ion: 43 Resp: 31667
 Ion Ratio Lower Upper
 43 100
 58 67.6 29.7 44.5#



#52
 Toluene
 Concen: 63.537 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Tgt Ion: 92 Resp: 1747961
 Ion Ratio Lower Upper
 92 100
 91 167.1 136.6 205.0

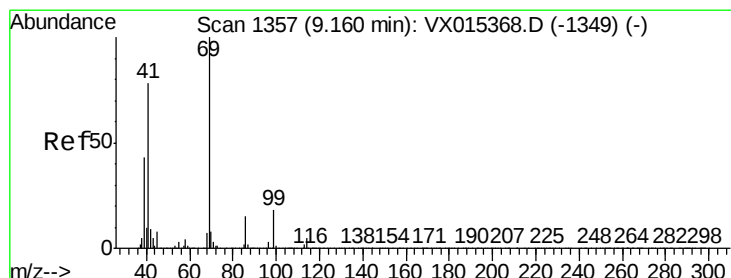
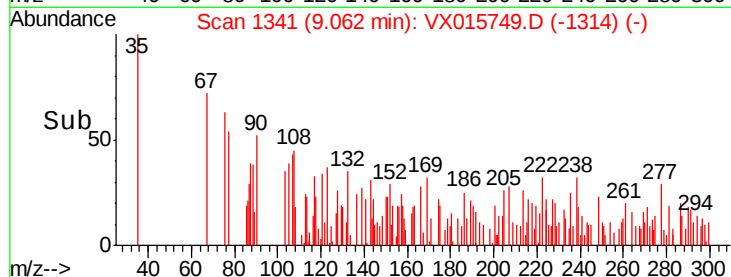
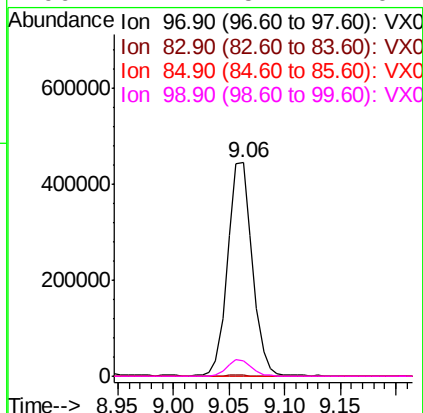
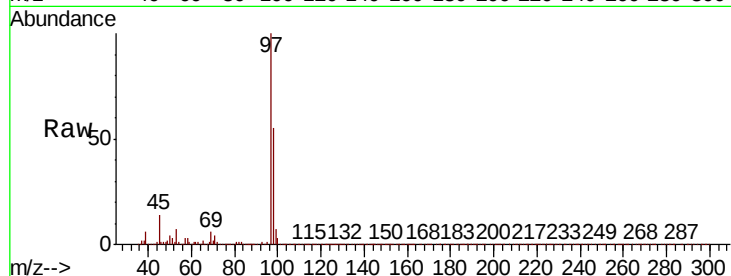




#55
 1,1,2-Trichloroethane
 Concen: 59.907 ug/l
 RT: 9.06 min Scan# 1341
 Delta R.T. -0.13 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

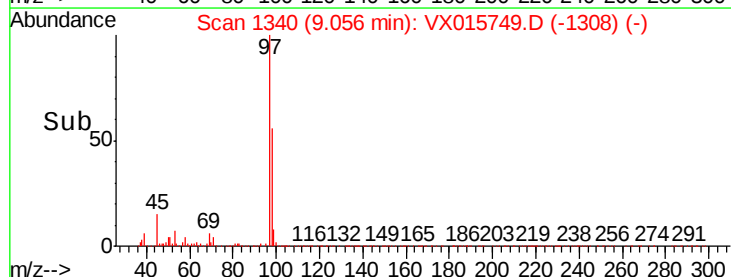
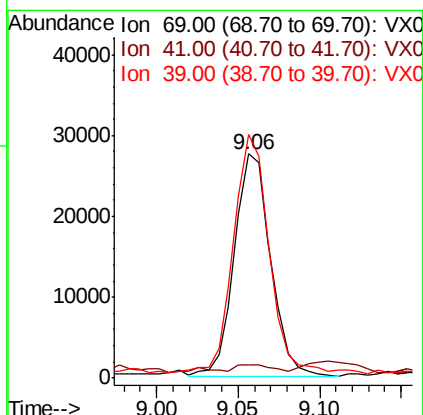
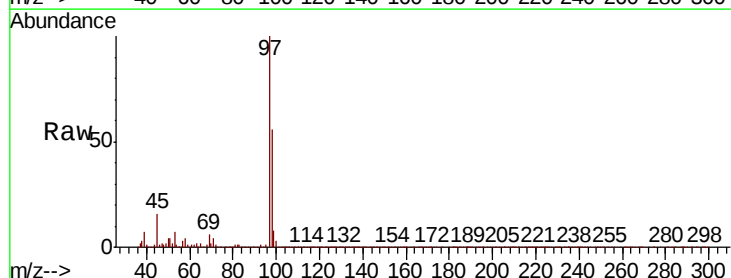
Instrument :
 MSVOA_X
 ClientSampleId :

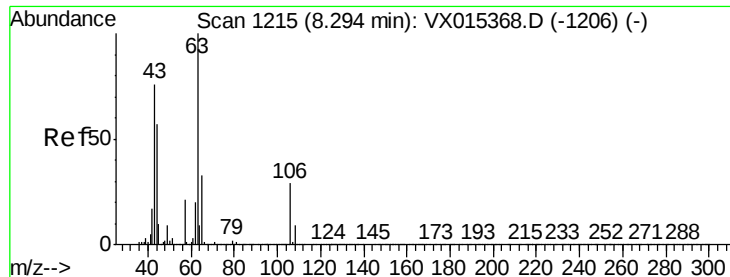
Tot Ion:	97	Resp:	675232
Ion	Ratio	Lower	Upper
97	100		
83	0.5	70.2	105.4#
85	0.0	44.7	67.1#
99	7.2	51.1	76.7#



#56
 Ethyl methacrylate
 Concen: 2.137 ug/l
 RT: 9.06 min Scan# 1340
 Delta R.T. -0.10 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Tgt Ion:	69	Resp:	42440
Ion	Ratio	Lower	Upper
69	100		
41	2.7	61.6	92.4#
39	108.8	34.0	51.0#

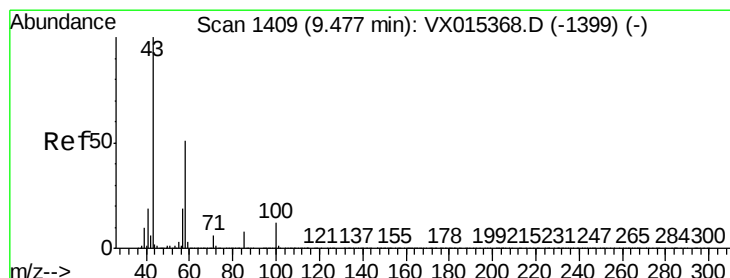
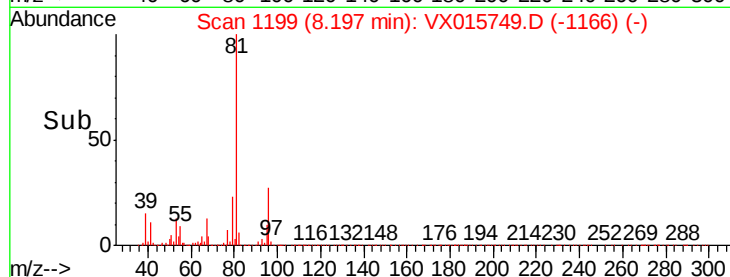
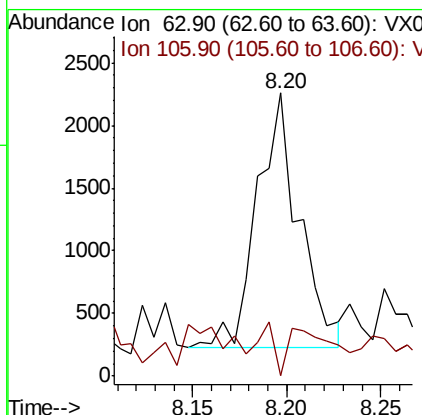
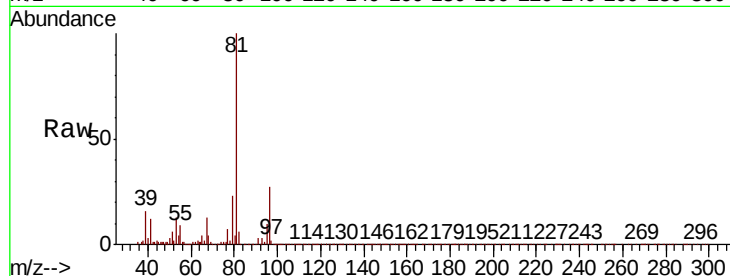




#58
2-Chloroethyl Vinyl ether
Concen: 0.325 ug/l
RT: 8.20 min Scan# 1199
Delta R.T. -0.10 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

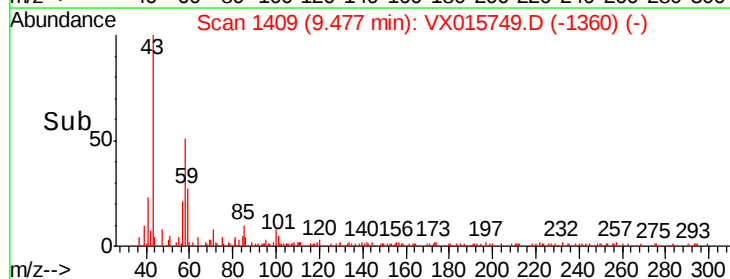
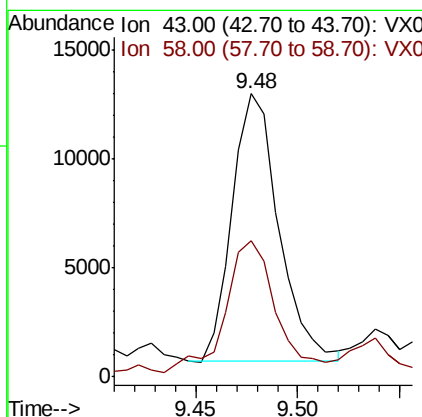
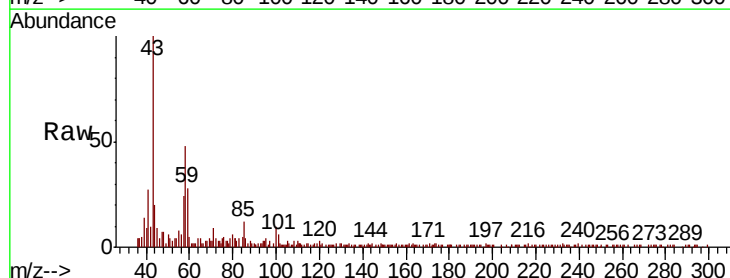
Instrument :
MSVOA_X
ClientSampleId :

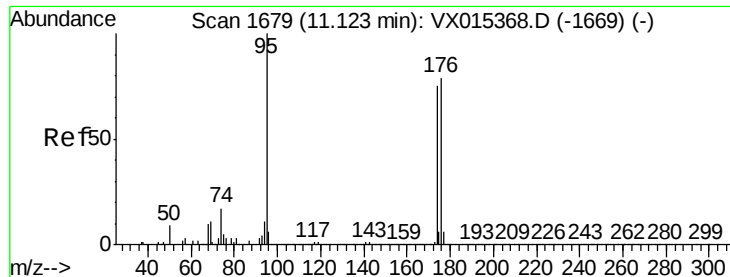
Tot Ion: 63 Resp: 3143
Ion Ratio Lower Upper
63 100
106 20.5 22.7 34.1#



#59
2-Hexanone
Concen: 1.364 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion: 43 Resp: 19534
Ion Ratio Lower Upper
43 100
58 52.8 25.6 76.6

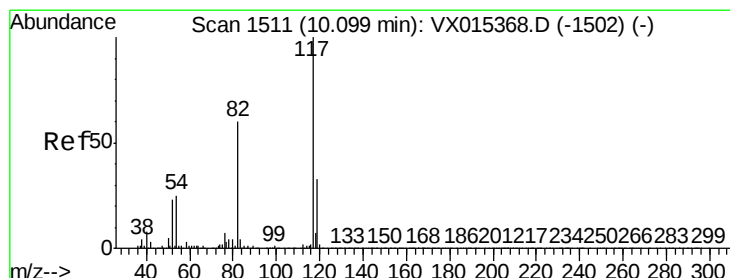
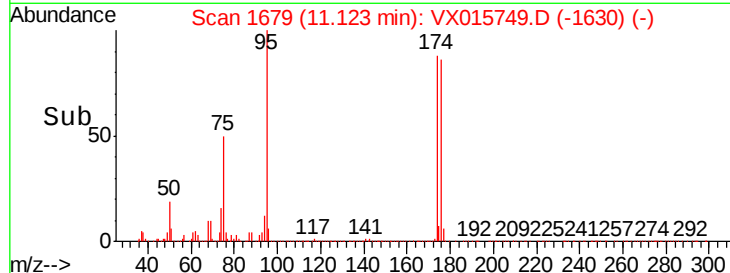
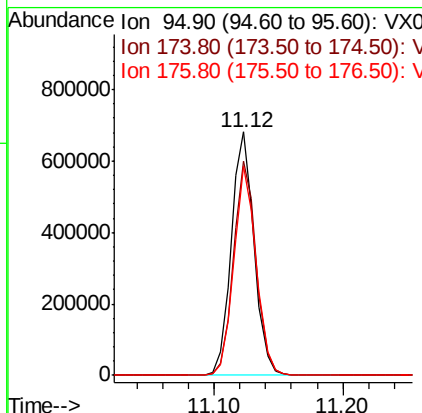
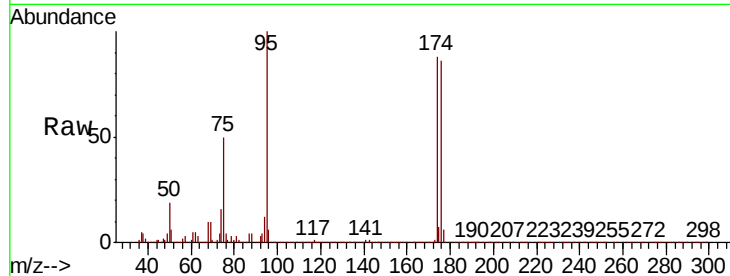




#62
4-Bromofluorobenzene
Concen: 53.235 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

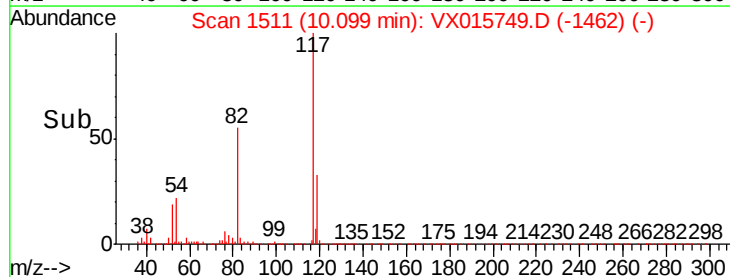
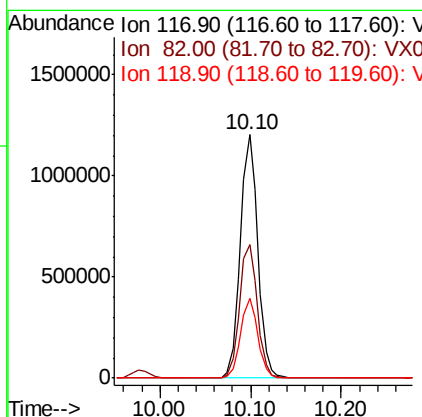
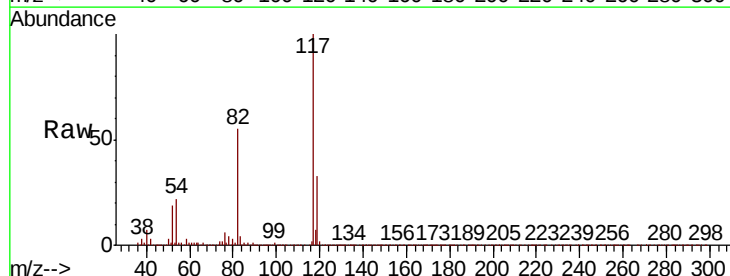
Instrument :
MSVOA_X
ClientSampleId :

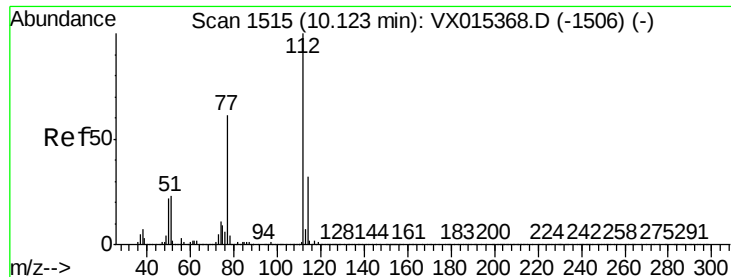
Tot Ion: 95 Resp: 841804
Ion Ratio Lower Upper
95 100
174 87.7 0.0 158.6
176 84.4 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion: 117 Resp: 1610732
Ion Ratio Lower Upper
117 100
82 54.9 47.8 71.8
119 32.8 26.8 40.2

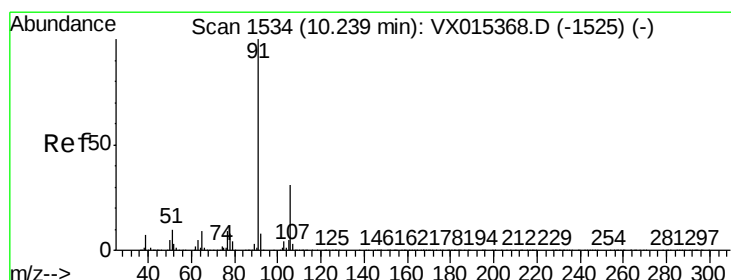
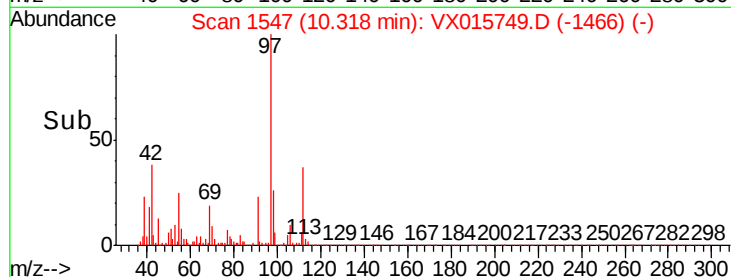
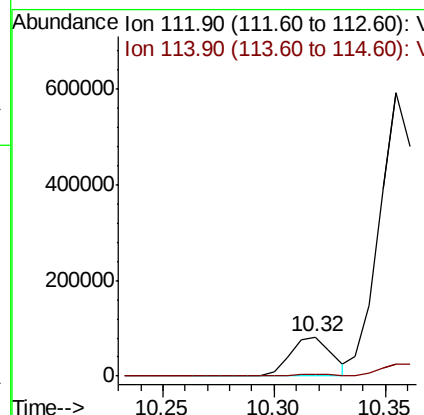
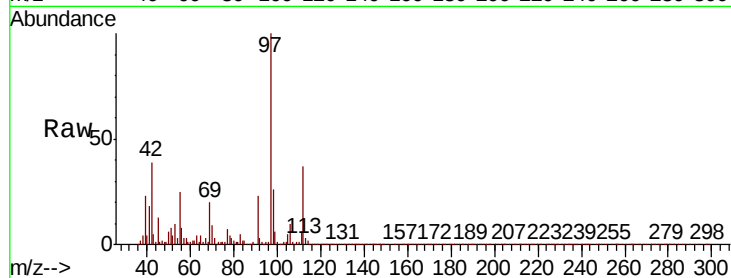




#65
Chlorobenzene
Concen: 3.277 ug/l
RT: 10.32 min Scan# 1547
Delta R.T. 0.20 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

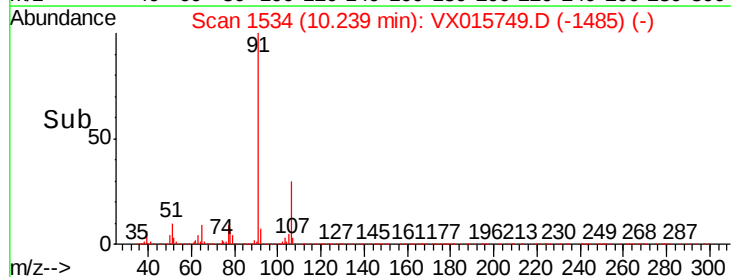
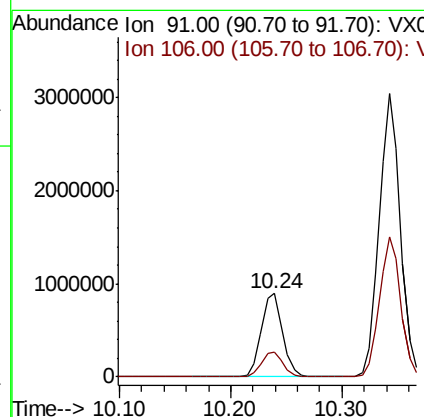
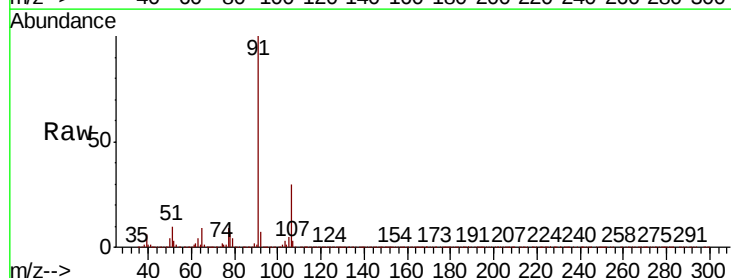
Instrument :
MSVOA_X
ClientSampleId :

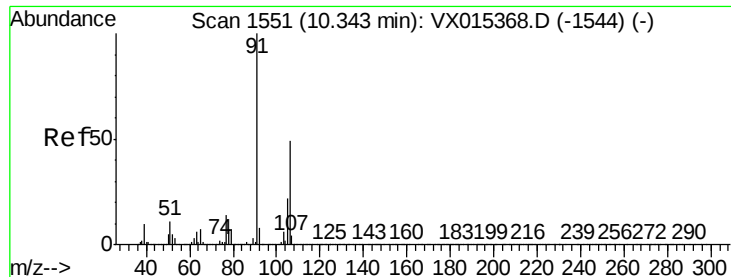
Tot Ion:112 Resp: 105275
Ion Ratio Lower Upper
112 100
114 5.3 25.5 38.3#



#67
Ethyl Benzene
Concen: 21.056 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion: 91 Resp: 1199640
Ion Ratio Lower Upper
91 100
106 30.3 24.8 37.2





#68

m/p-Xylenes

Concen: 94.730 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

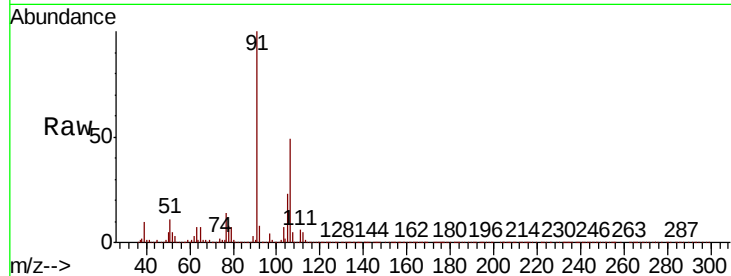
ClientSampleId :

Tot Ion:106 Resp: 2009677

Ion Ratio Lower Upper

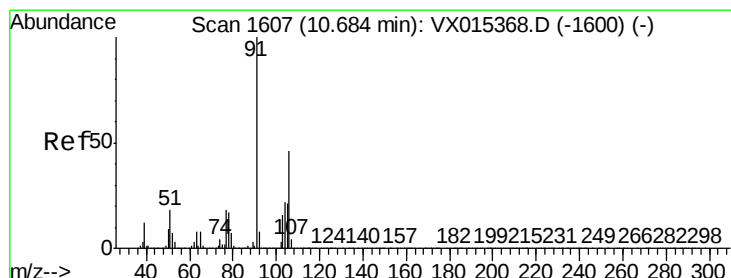
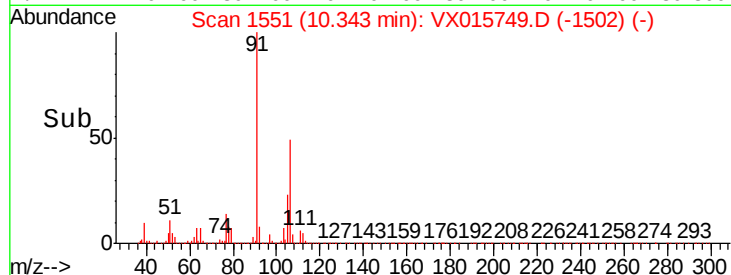
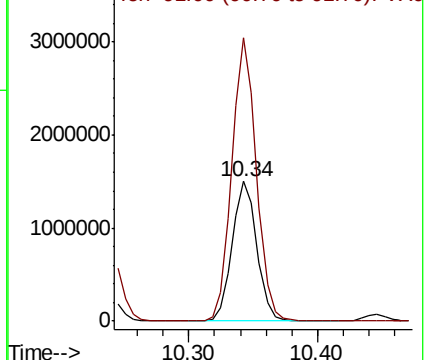
106 100

91 201.0 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 37.028 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015749.D

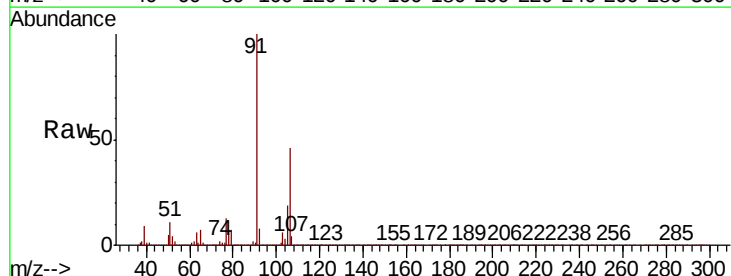
Acq: 17 Apr 2020 19:25

Tgt Ion:106 Resp: 776236

Ion Ratio Lower Upper

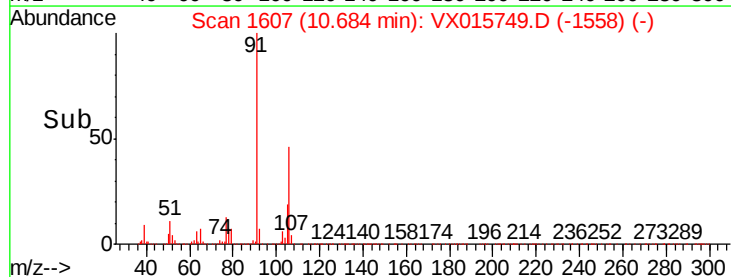
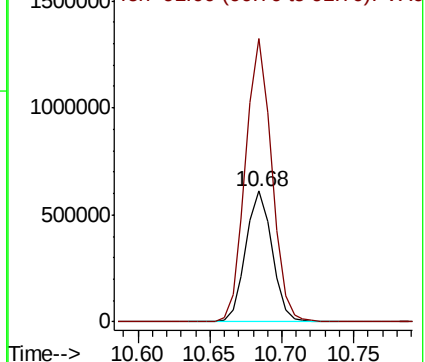
106 100

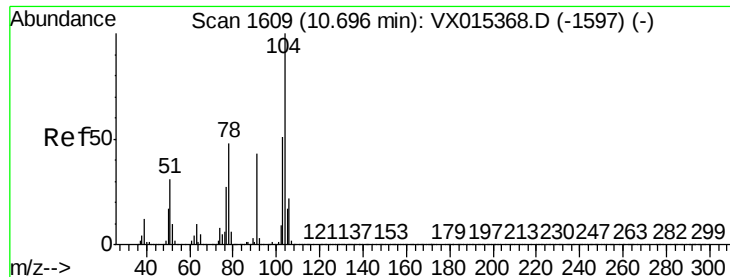
91 215.0 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

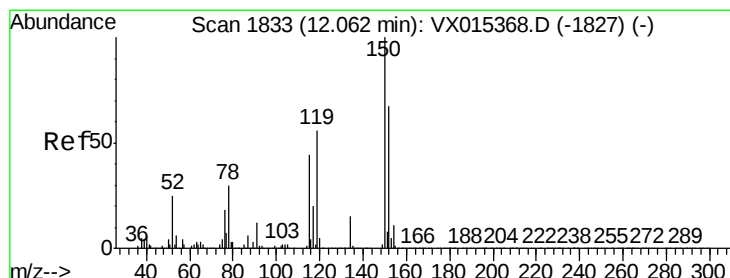
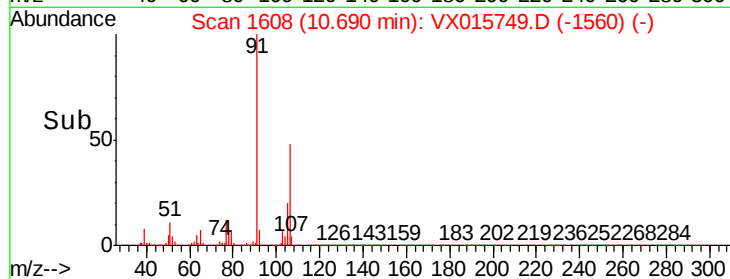
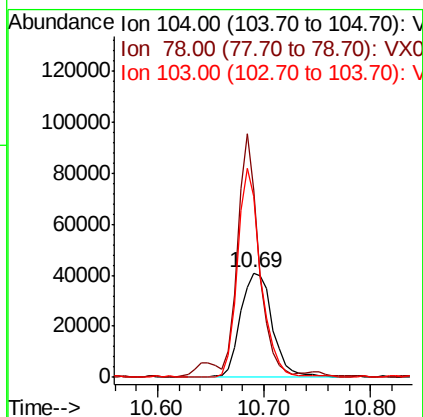
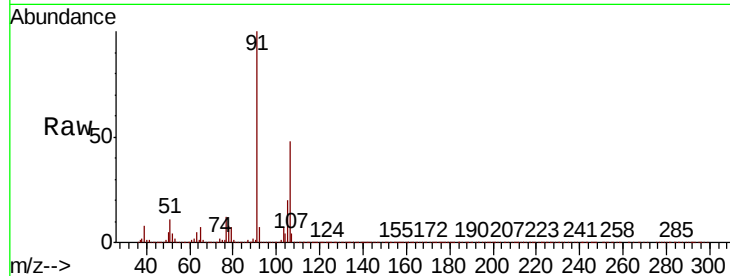




#70
Stvrene
Concen: 2.312 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

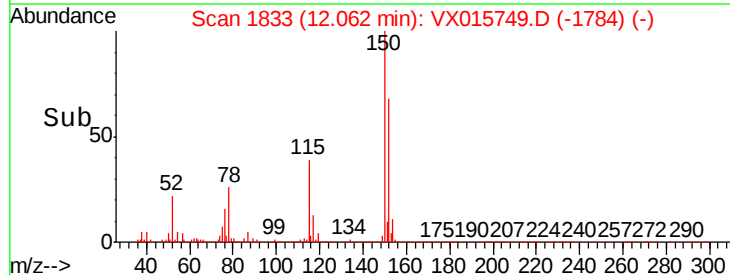
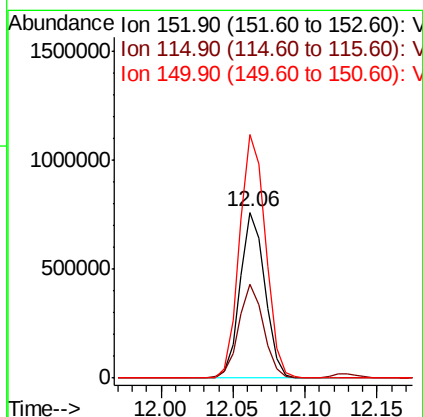
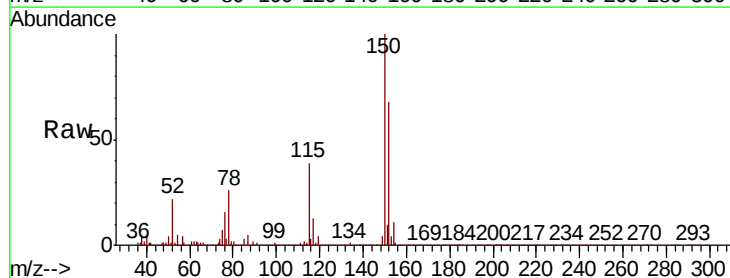
Instrument :
MSVOA_X
ClientSampleId :

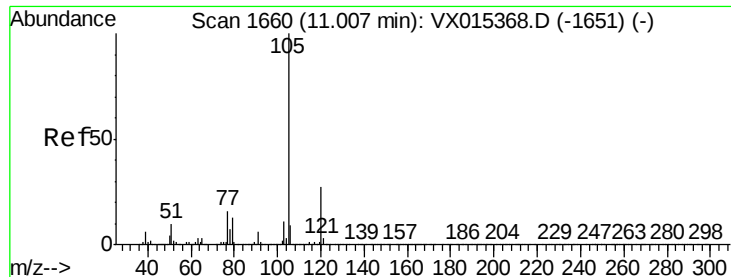
Tot Ion	Ratio	Lower	Upper
104	100		
78	151.2	42.0	63.0#
103	146.5	43.4	65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	39.0	116.9
150	153.7	0.0	340.8





#73

Isopropylbenzene

Concen: 0.411 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

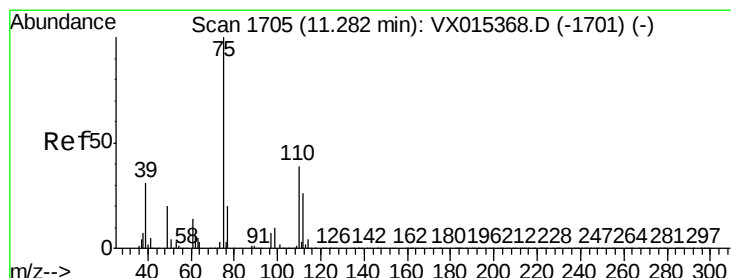
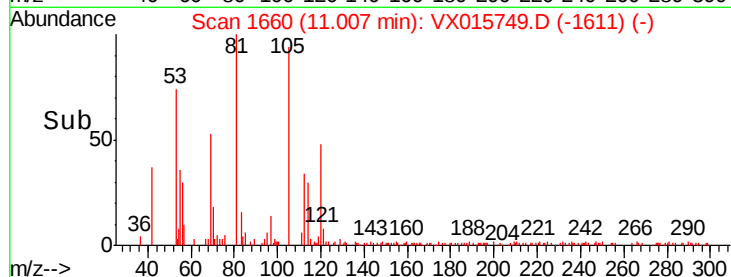
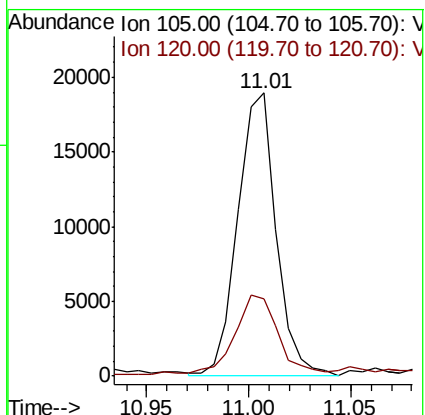
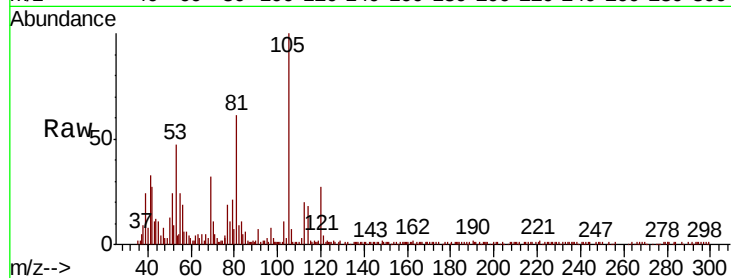
ClientSampleId :

Tot Ion:105 Resp: 24506

Ion Ratio Lower Upper

105 100

120 32.2 13.2 39.5



#76

1,2,3-Trichloropropane

Concen: 22.276 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015749.D

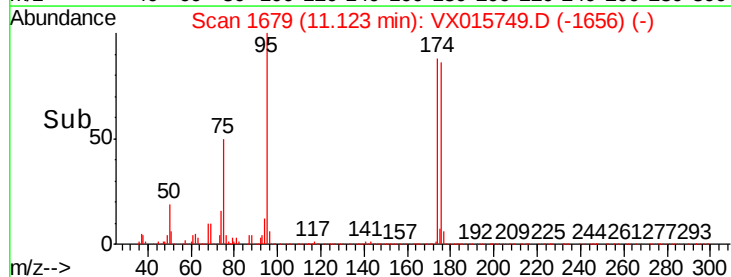
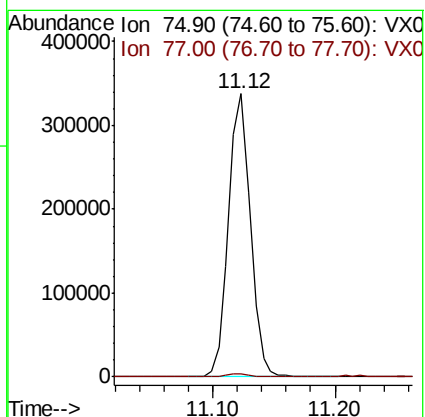
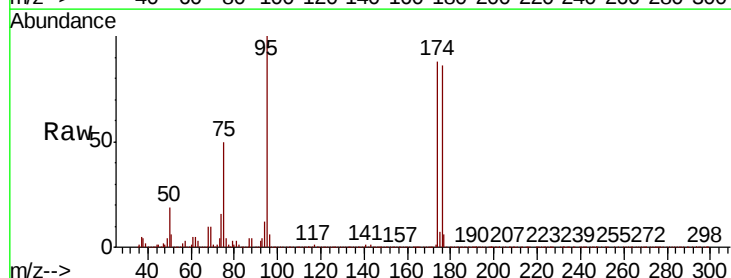
Acq: 17 Apr 2020 19:25

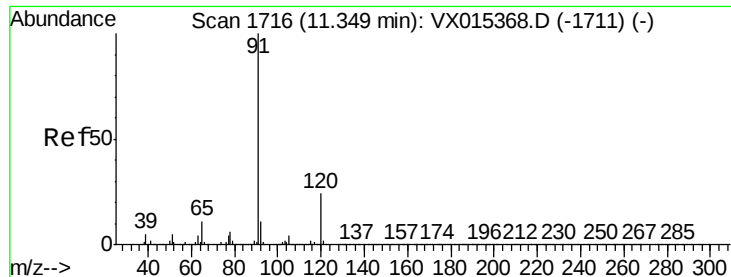
Tgt Ion: 75 Resp: 417171

Ion Ratio Lower Upper

75 100

77 1.2 21.2 63.6#





#78

n-propylbenzene

Concen: 0.879 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

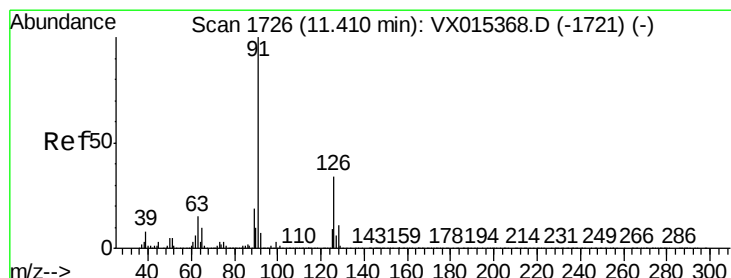
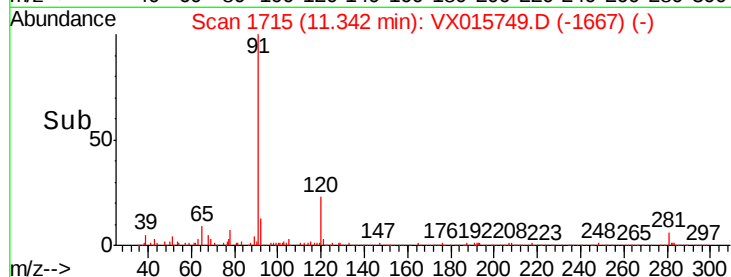
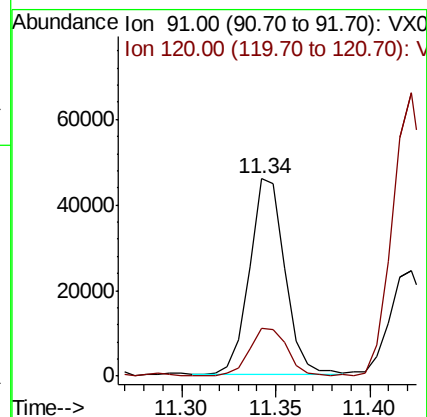
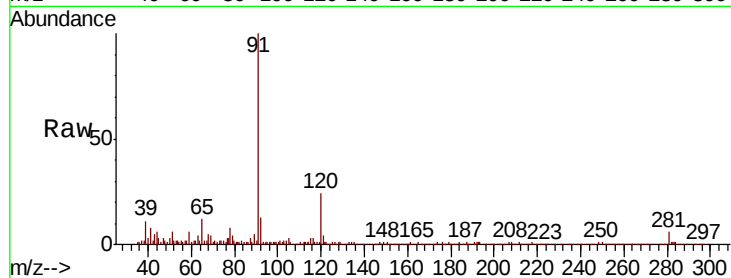
ClientSampleId :

Tot Ion: 91 Resp: 59970

Ion Ratio Lower Upper

91 100

120 25.3 11.7 35.0



#79

2-Chlorotoluene

Concen: 1.068 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.01 min

Lab File: VX015749.D

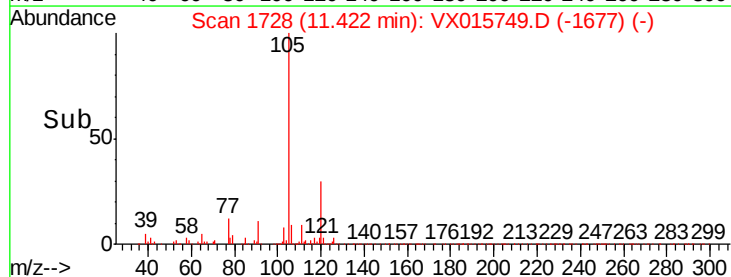
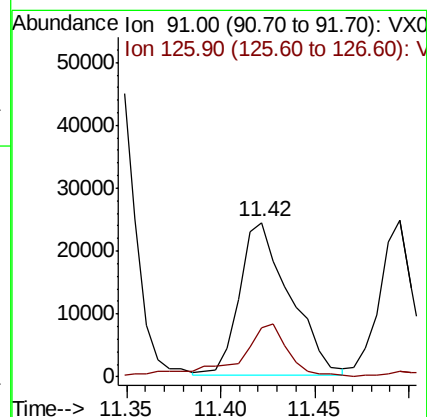
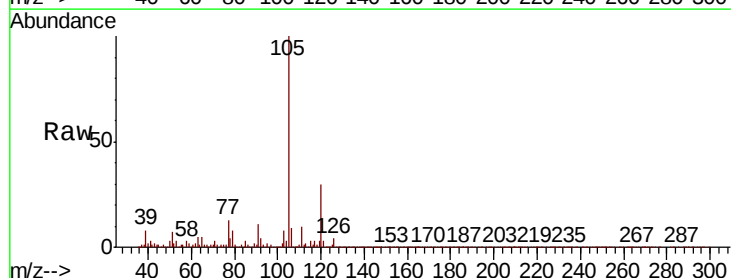
Acq: 17 Apr 2020 19:25

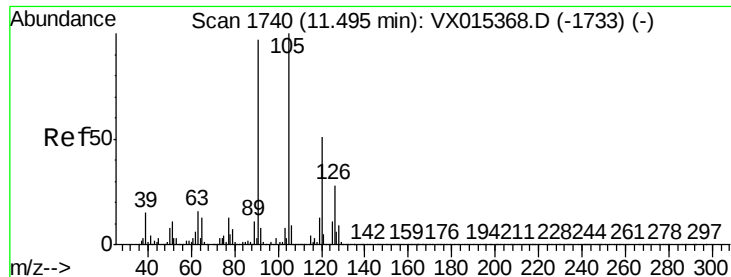
Tgt Ion: 91 Resp: 44664

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#





#80

1,3,5-Trimethylbenzene

Concen: 5.187 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

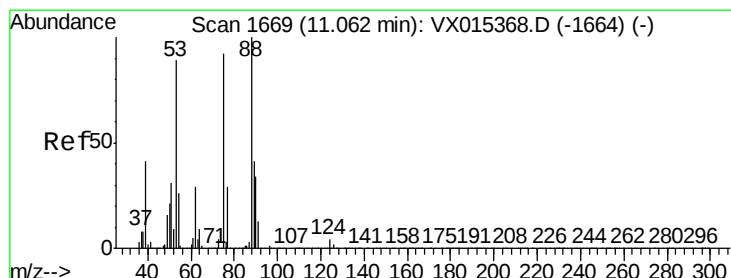
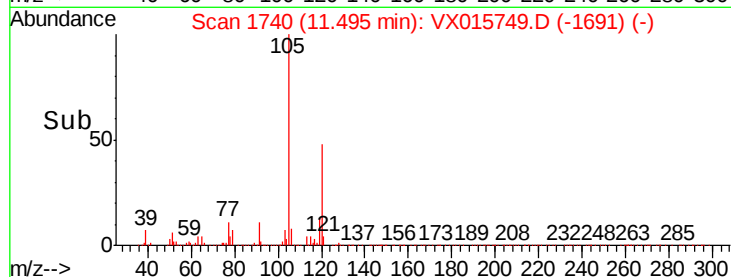
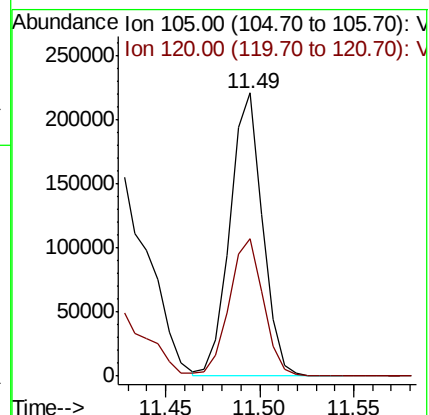
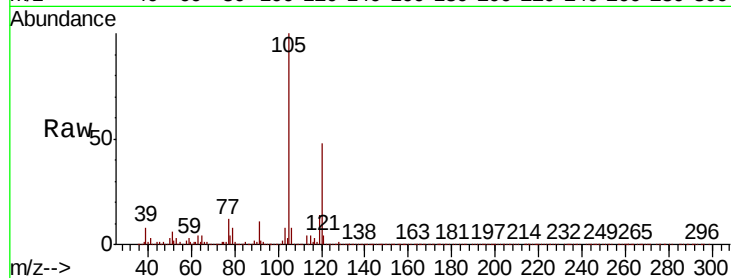
ClientSampleId :

Tot Ion:105 Resp: 264321

Ion Ratio Lower Upper

105 100

120 50.8 24.8 74.4



#81

trans-1,4-Dichloro-2-butene

Concen: 53.451 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

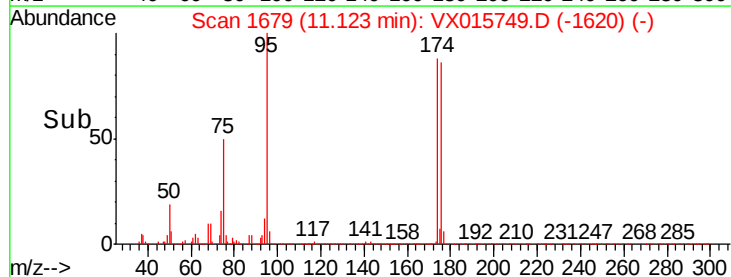
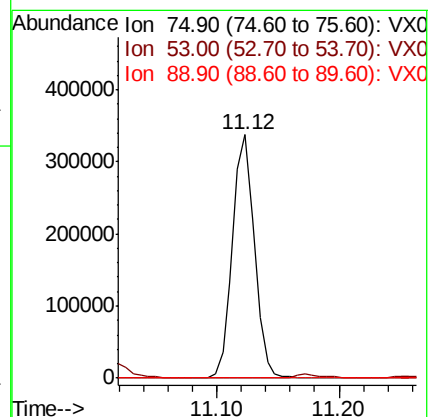
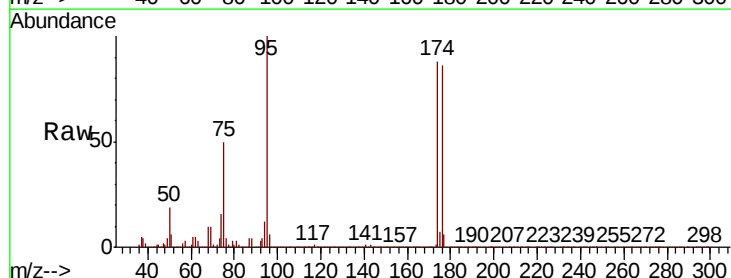
Tgt Ion: 75 Resp: 417171

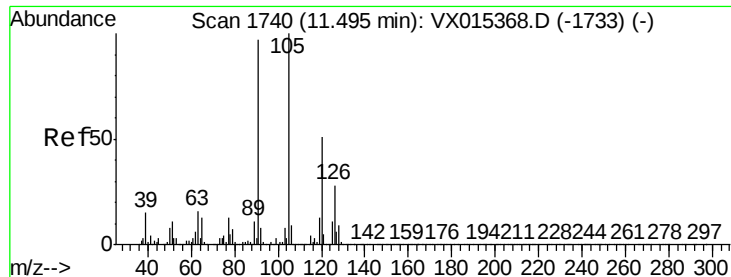
Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.2 36.1 54.1#





#82

4-Chlorotoluene

Concen: 0.595 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

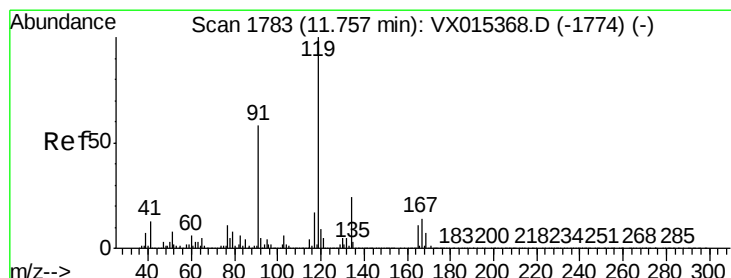
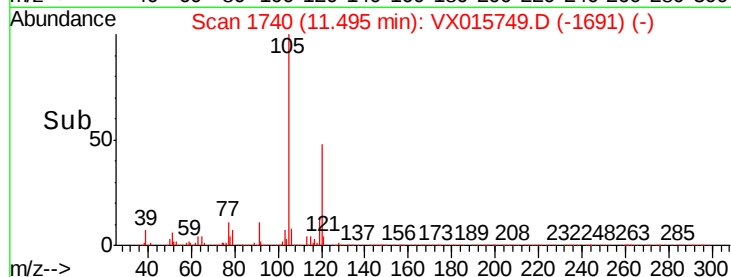
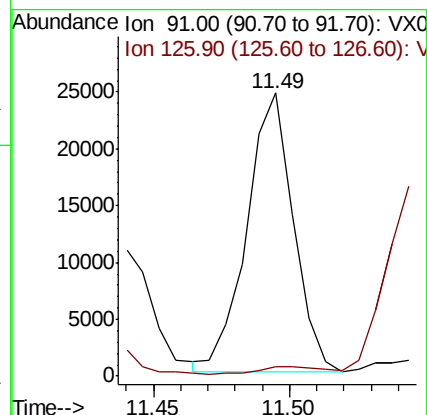
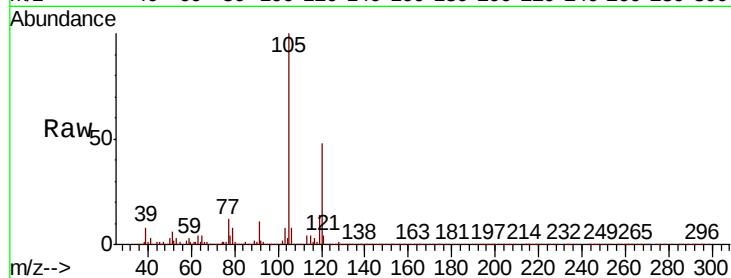
ClientSampleId :

Tot Ion: 91 Resp: 29165

Ion Ratio Lower Upper

91 100

126 0.0 14.7 44.1#



#83

tert-Butylbenzene

Concen: 2.334 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.04 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

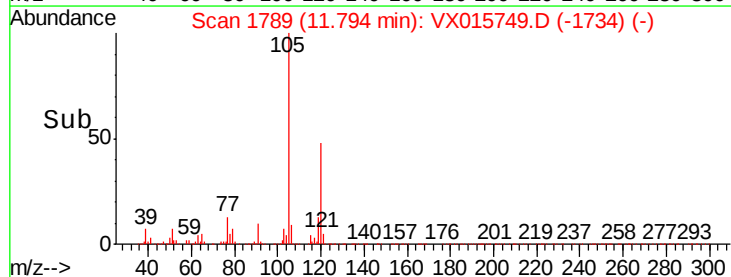
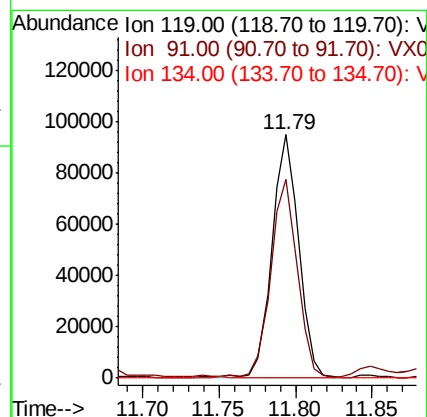
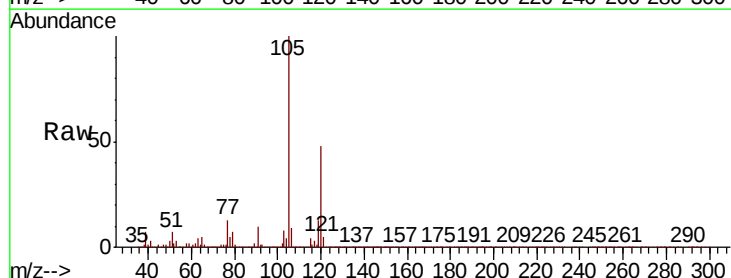
Tgt Ion: 119 Resp: 116165

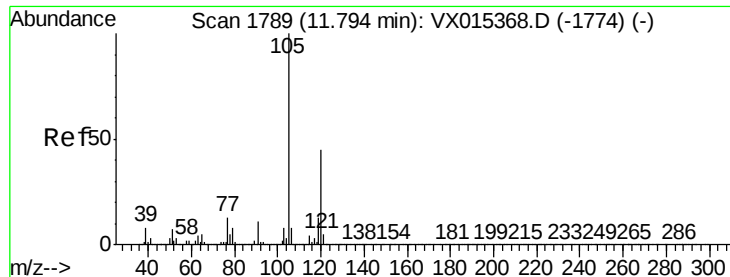
Ion Ratio Lower Upper

119 100

91 80.1 28.6 85.8

134 0.0 11.8 35.3#





#84

1,2,4-Trimethylbenzene

Concen: 17.638 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

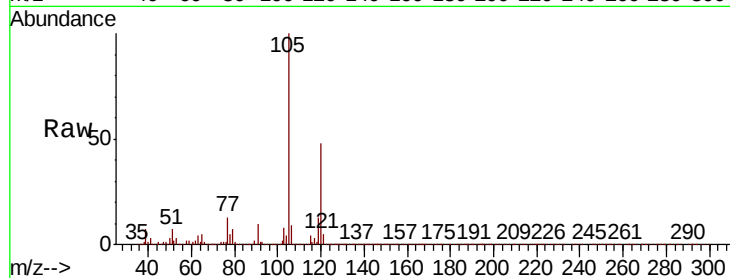
ClientSampleId :

Tot Ion:105 Resp: 915932

Ion Ratio Lower Upper

105 100

120 46.6 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

800000

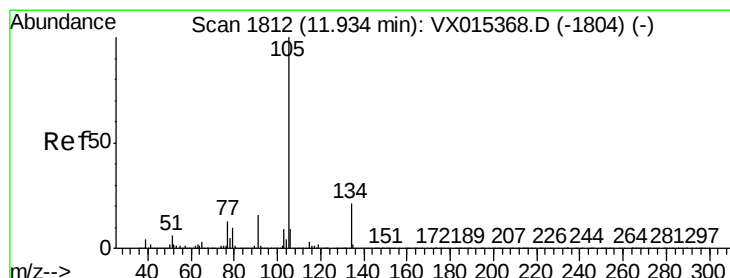
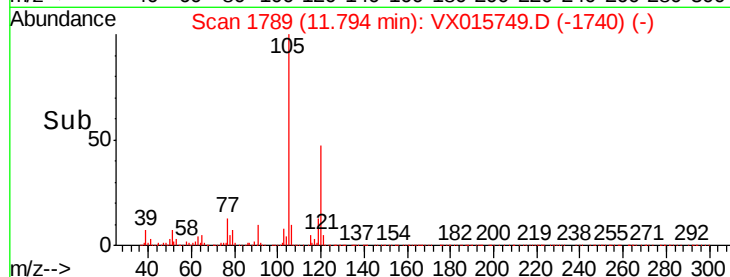
600000

400000

200000

0

Time--> 11.70 11.80



#85

sec-Butylbenzene

Concen: 15.911 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.14 min

Lab File: VX015749.D

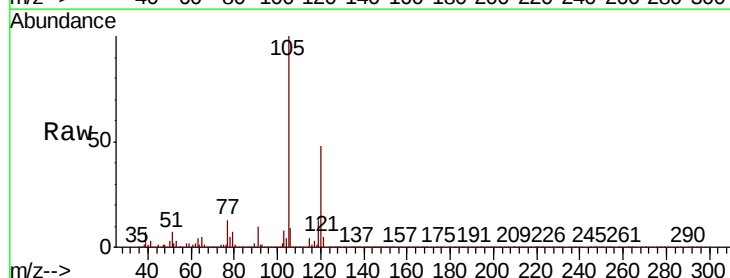
Acq: 17 Apr 2020 19:25

Tgt Ion:105 Resp: 915932

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.79

800000

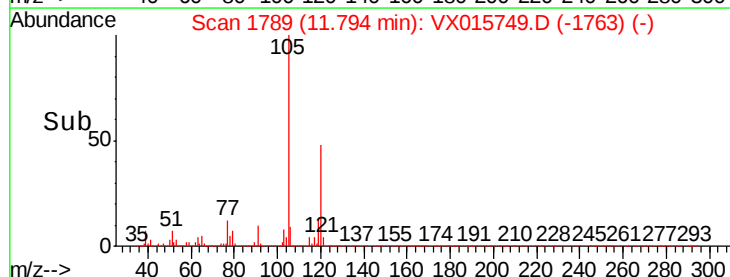
600000

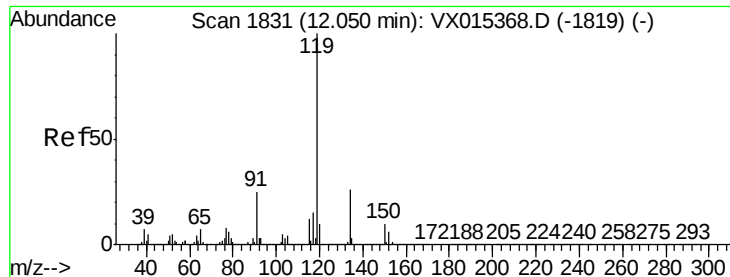
400000

200000

0

Time--> 11.70 11.80

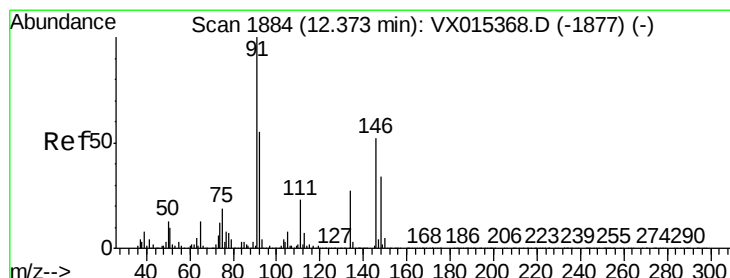
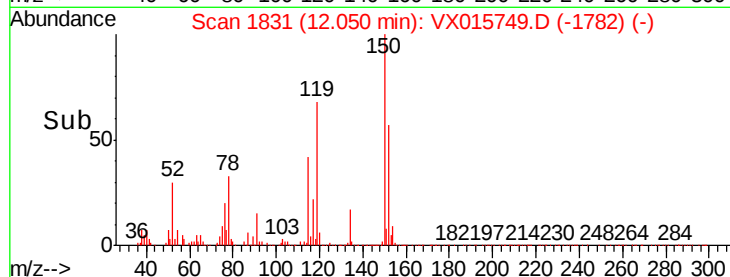
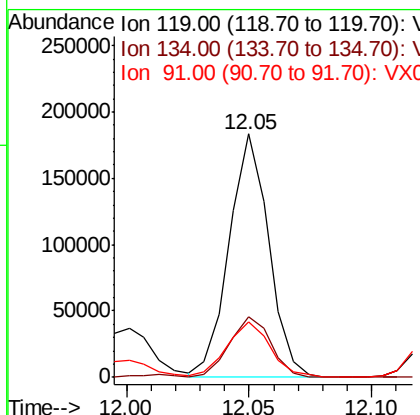
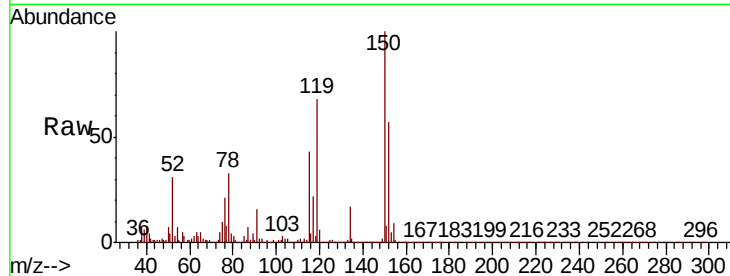




#86
p-Isopropyltoluene
Concen: 3.860 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

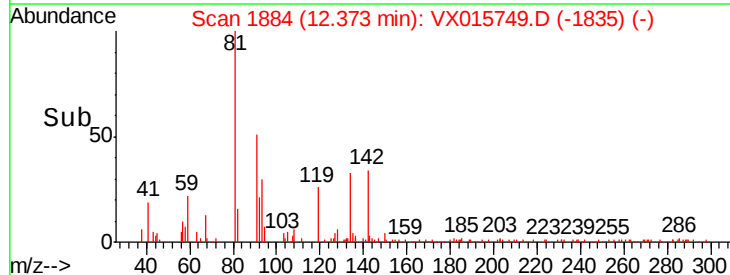
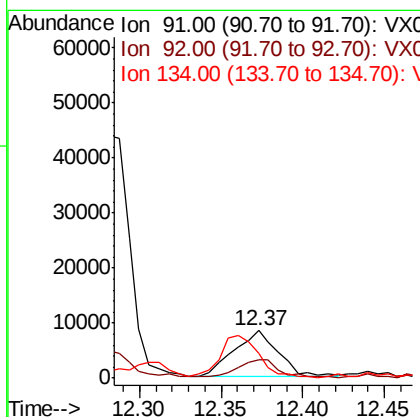
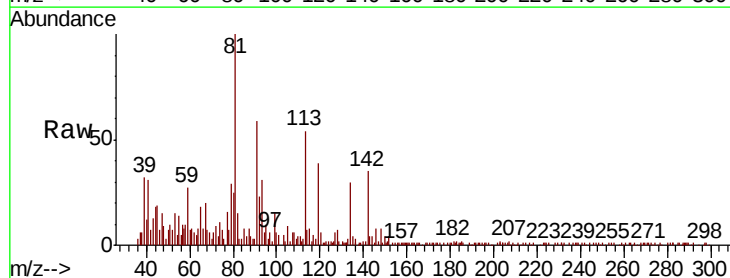
Instrument :
MSVOA_X
ClientSampleId :

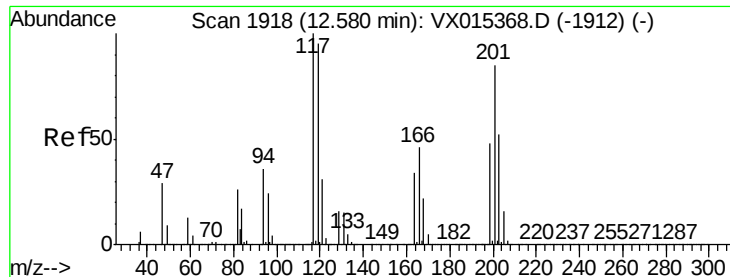
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	24.5	12.4	37.4



#89
n-Butylbenzene
Concen: 0.318 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	41.1	27.2	81.5
134	82.4	13.4	40.2#





#90

Hexachloroethane

Concen: 0.971 ug/l

RT: 12.68 min Scan# 1935

Delta R.T. 0.10 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

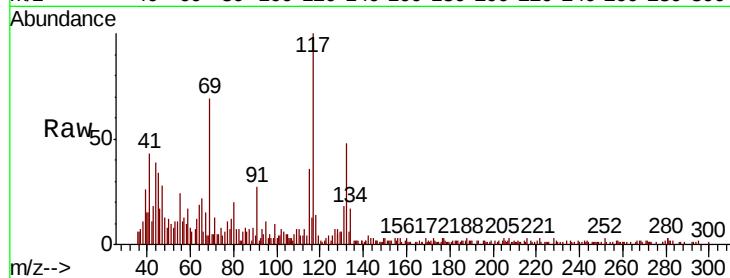
ClientSampleId :

Tot Ion:117 Resp: 10100

Ion Ratio Lower Upper

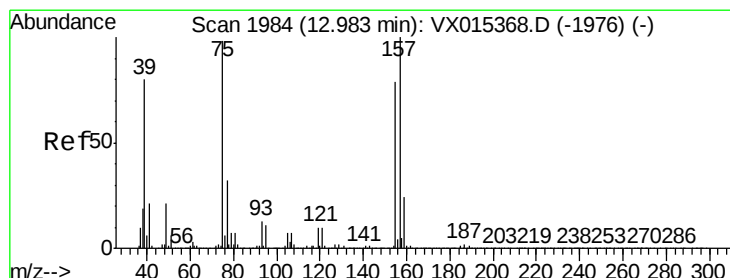
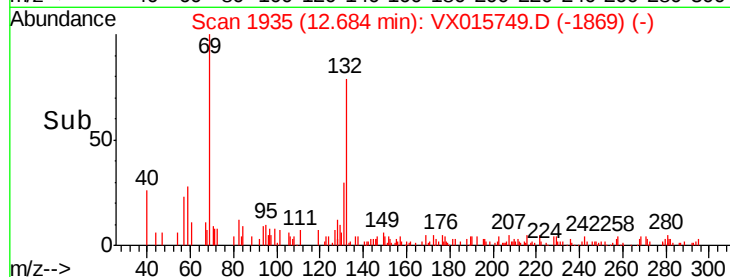
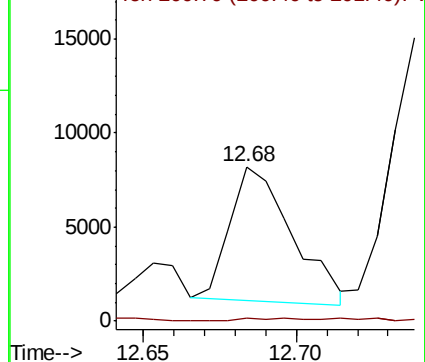
117 100

201 2.0 42.6 128.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.796 ug/l

RT: 13.01 min Scan# 1988

Delta R.T. 0.02 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

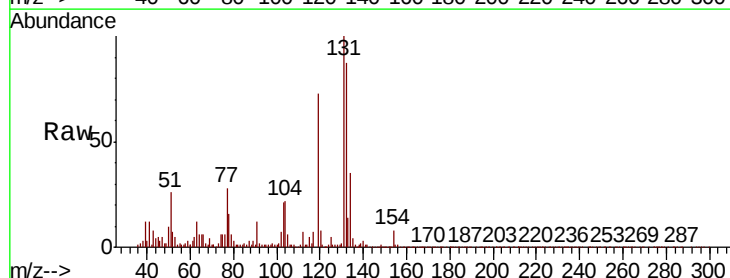
Tgt Ion: 75 Resp: 10379

Ion Ratio Lower Upper

75 100

155 10.5 42.8 128.4#

157 5.8 53.4 160.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

