

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017331.D
 Acq On : 10 Jul 2020 13:29
 Operator : JC/SP
 Sample : VX0710WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 11 00:59:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	298865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227340	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	162679	44.15	ug/l	0.00
Spiked Amount			Recovery	=	88.30%	
35) Dibromofluoromethane	5.47	113	132153	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
50) Toluene-d8	8.70	98	477091	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	
62) 4-Bromofluorobenzene	11.12	95	186661	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	45531	15.747	ug/l	99
3) Chloromethane	1.32	50	49413	14.119	ug/l	97
4) Vinyl Chloride	1.39	62	52261	16.094	ug/l	100
5) Bromomethane	1.63	94	36086	21.034	ug/l	99
6) Chloroethane	1.72	64	34260	17.864	ug/l	97
7) Trichlorofluoromethane	1.92	101	92680	19.299	ug/l	96
8) Diethyl Ether	2.17	74	31426	19.672	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50789	17.645	ug/l	98
10) Methyl Iodide	2.49	142	57332	15.437	ug/l	99
11) Tert butyl alcohol	3.01	59	65404	93.052	ug/l	98
12) 1,1-Dichloroethene	2.36	96	47682	16.126	ug/l	96
13) Acrolein	2.27	56	21969	52.287	ug/l	99
14) Allyl chloride	2.71	41	89629	16.402	ug/l	97
15) Acrylonitrile	3.12	53	151779	89.827	ug/l	98
16) Acetone	2.42	43	124398	90.255	ug/l	99
17) Carbon Disulfide	2.55	76	130448	15.825	ug/l	99
18) Methyl Acetate	2.75	43	69798	19.399	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	184615	18.603	ug/l	96
20) Methylene Chloride	2.84	84	59879	18.449	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	58424	17.805	ug/l	97
22) Diisopropyl ether	3.82	45	183234	18.117	ug/l	97
23) Vinyl Acetate	3.79	43	786723	90.522	ug/l	100
24) 1,1-Dichloroethane	3.67	63	103220	17.937	ug/l	98
25) 2-Butanone	4.64	43	206159	89.767	ug/l	99
26) 2,2-Dichloropropane	4.55	77	96031	18.794	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	66400	17.859	ug/l	97
28) Bromochloromethane	4.98	49	44712	15.966	ug/l	98
29) Tetrahydrofuran	5.09	42	134659	88.742	ug/l	98
30) Chloroform	5.18	83	109864	18.624	ug/l	98
31) Cyclohexane	5.55	56	81473	16.379	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	101380	18.660	ug/l	98
36) 1,1-Dichloropropene	5.78	75	76579	18.105	ug/l	97
37) Ethyl Acetate	4.79	43	79502	18.525	ug/l	96
38) Carbon Tetrachloride	5.76	117	93001	19.963	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	79535	16.900	ug/l	98
40) Benzene	6.12	78	229208	18.443	ug/l	99
41) Methacrylonitrile	5.00	41	44729	18.518	ug/l	98
42) 1,2-Dichloroethane	6.16	62	89782	20.000	ug/l	99
43) Isopropyl Acetate	6.42	43	133043	18.656	ug/l	99
44) Trichloroethene	7.19	130	67612	19.527	ug/l	97
45) 1,2-Dichloropropane	7.49	63	60513	18.958	ug/l	97
46) Dibromomethane	7.64	93	42244	19.385	ug/l	96
47) Bromodichloromethane	7.88	83	88389	19.681	ug/l	98
48) Methyl methacrylate	7.74	41	63966	18.880	ug/l	97
49) 1,4-Dioxane	7.71	88	26012	338.895	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	419722	98.736	ug/l	100
52) Toluene	8.76	92	148670	19.161	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	95433	19.260	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	102841	19.361	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62130	19.598	ug/l	97
56) Ethyl methacrylate	9.16	69	87413	19.373	ug/l	98
57) 1,3-Dichloropropane	9.35	76	103397	19.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	202138	90.012	ug/l	100
59) 2-Hexanone	9.47	43	313684	101.038	ug/l	98
60) Dibromochloromethane	9.56	129	75304	20.452	ug/l	100
61) 1,2-Dibromoethane	9.65	107	66709	19.577	ug/l	100
64) Tetrachloroethene	9.32	164	69133	20.360	ug/l	95
65) Chlorobenzene	10.12	112	164454	18.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	68255	20.395	ug/l	100
67) Ethyl Benzene	10.24	91	275864	19.023	ug/l	98
68) m/p-Xylenes	10.34	106	216973	38.966	ug/l	99
69) o-Xylene	10.68	106	101181	19.101	ug/l	100
70) Styrene	10.70	104	181252	20.094	ug/l	100
71) Bromoform	10.84	173	56597	21.326	ug/l #	99
73) Isopropylbenzene	11.00	105	279981	18.802	ug/l	100
74) N-amyl acetate	10.88	43	112925	17.773	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	88475	18.888	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	110840	24.794	ug/l	87
77) Bromobenzene	11.24	156	77015	18.818	ug/l	97
78) n-propylbenzene	11.34	91	315192	18.718	ug/l	99
79) 2-Chlorotoluene	11.40	91	194223	19.058	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239615	19.399	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	30920	17.911	ug/l	94
82) 4-Chlorotoluene	11.49	91	232023	19.045	ug/l	99
83) tert-Butylbenzene	11.76	119	229804	18.953	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	245094	19.559	ug/l	99
85) sec-Butylbenzene	11.93	105	269537	18.911	ug/l	99
86) p-Isopropyltoluene	12.05	119	257278	19.391	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	140450	18.895	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	142672	20.240	ug/l	99
89) n-Butylbenzene	12.37	91	212775	17.960	ug/l	99
90) Hexachloroethane	12.58	117	49429	18.891	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	137676	19.815	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20811	18.624	ug/l	99

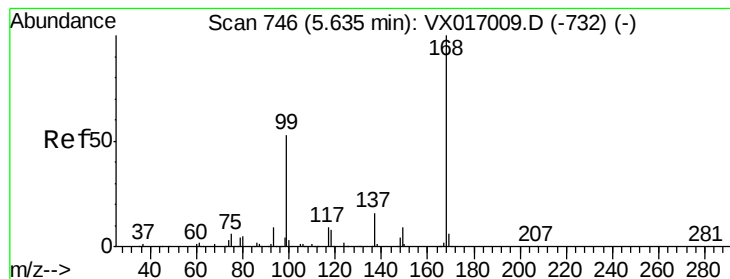
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	89344	18.840	ug/l	98
94) Hexachlorobutadiene	13.76	225	37335	21.238	ug/l	97
95) Naphthalene	13.82	128	274902	19.068	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	88635	19.313	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

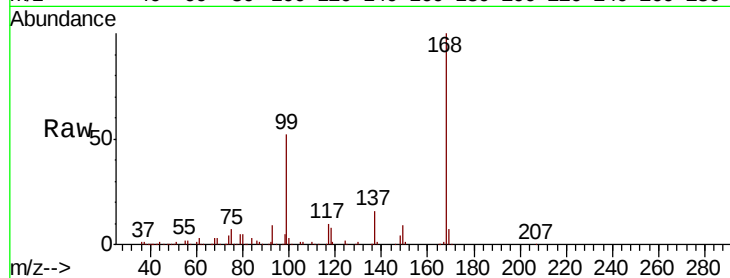
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 298865

Ion Ratio Lower Upper

168 100

99 52.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

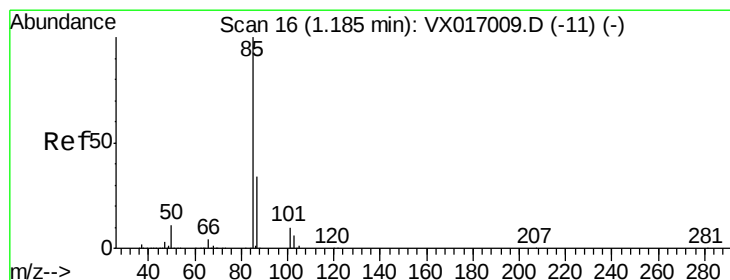
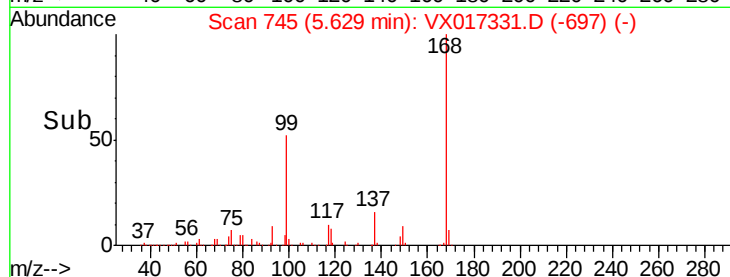
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.747 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017331.D

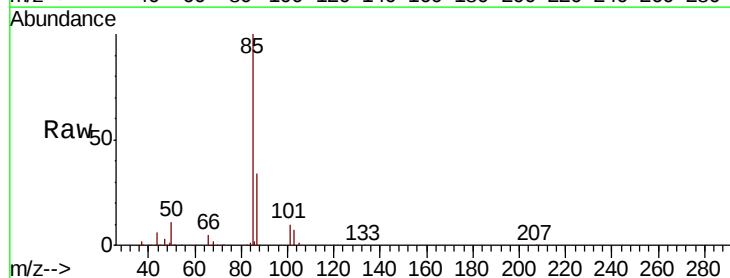
Acq: 10 Jul 2020 13:29

Tgt Ion: 85 Resp: 45531

Ion Ratio Lower Upper

85 100

87 34.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

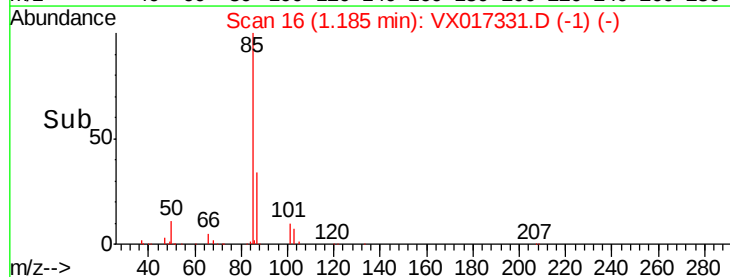
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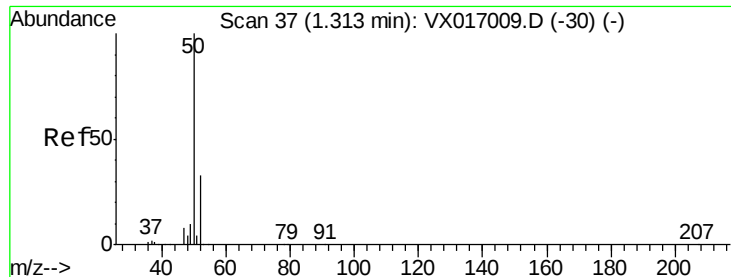
20000

10000

0

Time-->





#3

Chloromethane

Concen: 14.119 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

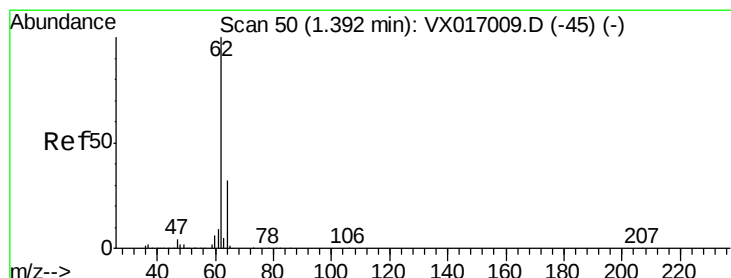
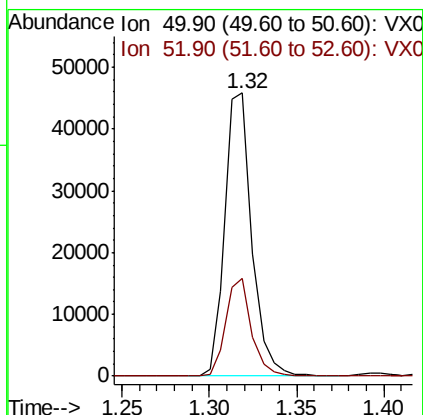
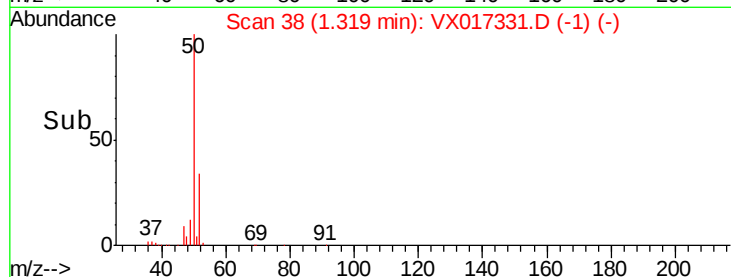
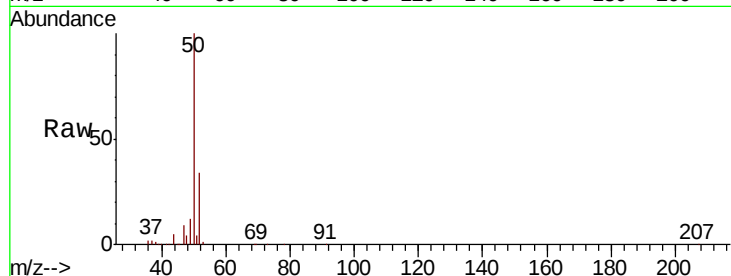
ClientSampled :

Tot Ion: 50 Resp: 49413

Ion Ratio Lower Upper

50 100

52 34.4 26.1 39.1



#4

Vinyl Chloride

Concen: 16.094 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017331.D

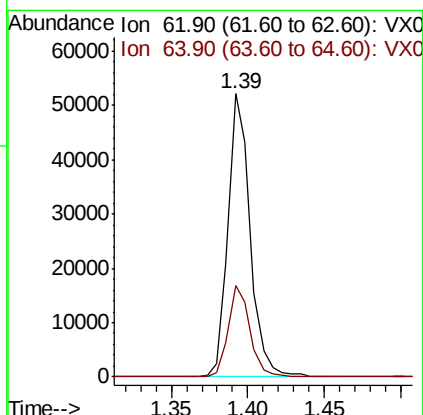
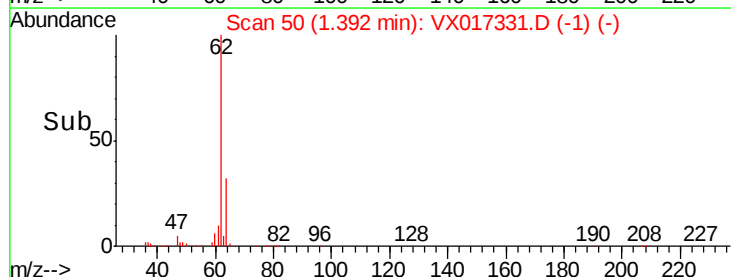
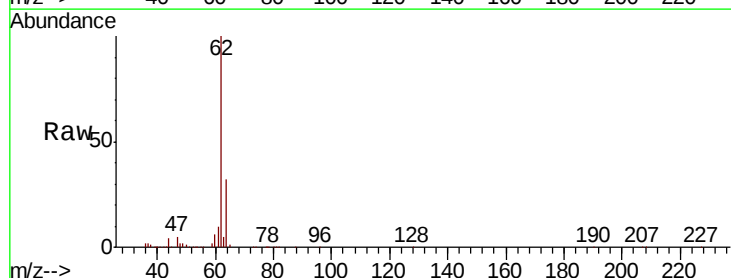
Acq: 10 Jul 2020 13:29

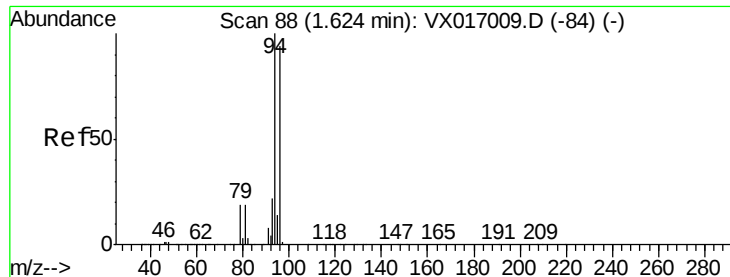
Tgt Ion: 62 Resp: 52261

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 21.034 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

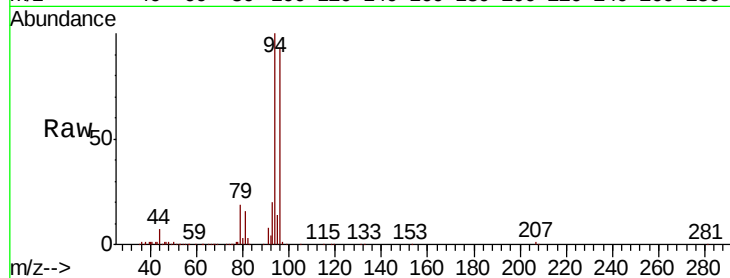
ClientSampleId :

Tot Ion: 94 Resp: 36086

Ion Ratio Lower Upper

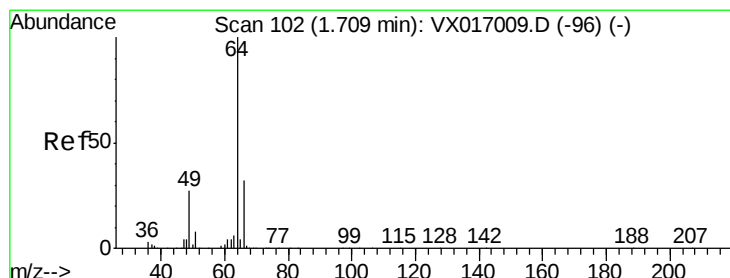
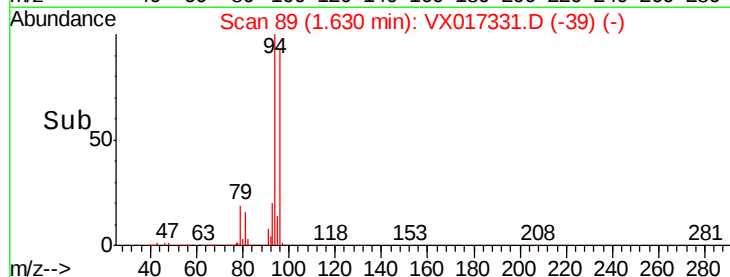
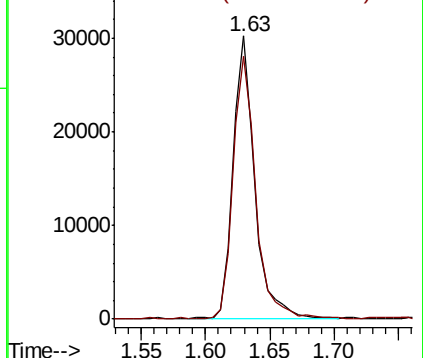
94 100

96 92.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.864 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017331.D

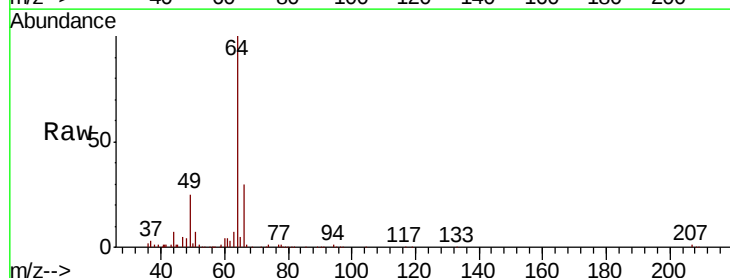
Acq: 10 Jul 2020 13:29

Tgt Ion: 64 Resp: 34260

Ion Ratio Lower Upper

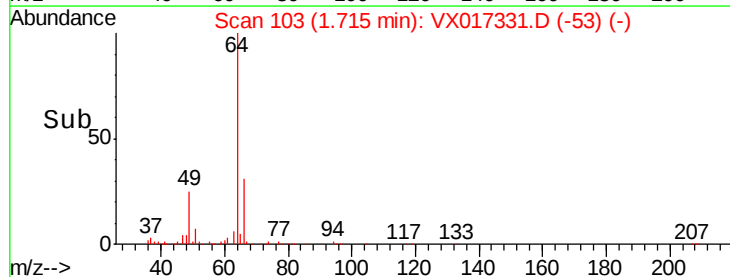
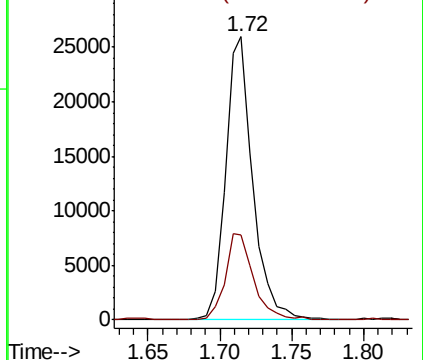
64 100

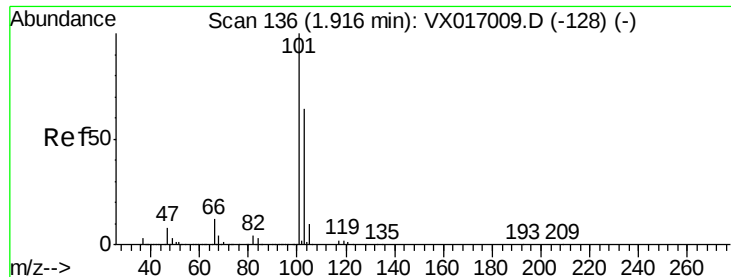
66 30.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



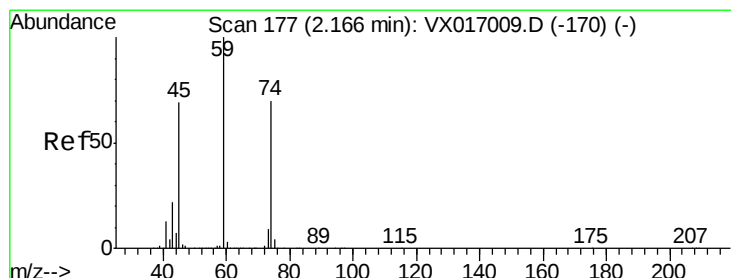
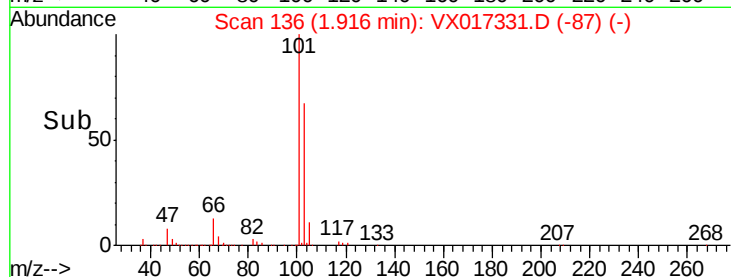
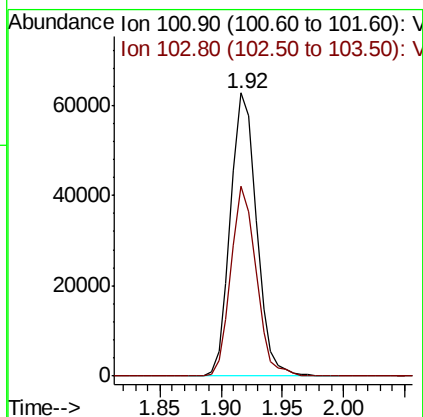
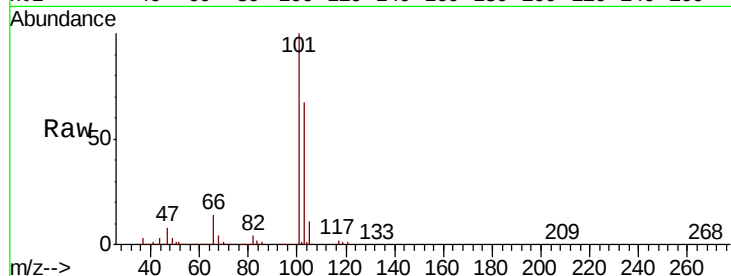


#7

Trichlorofluoromethane
 Concen: 19.299 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :

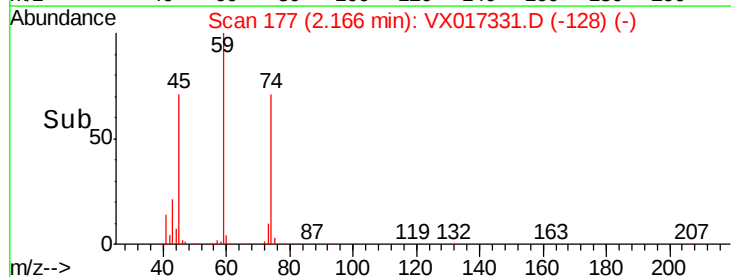
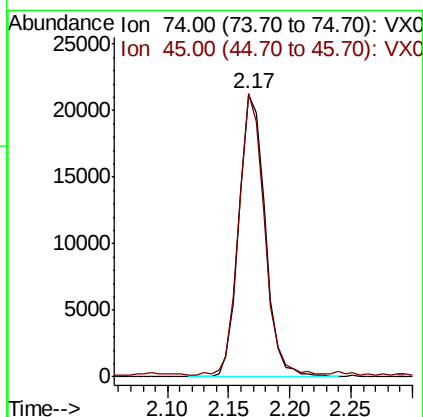
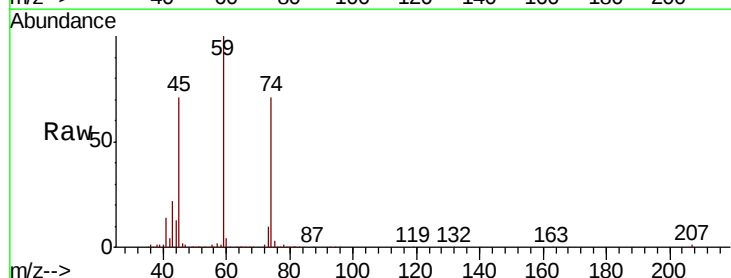
Tot Ion:101 Resp: 92680
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.5 77.3

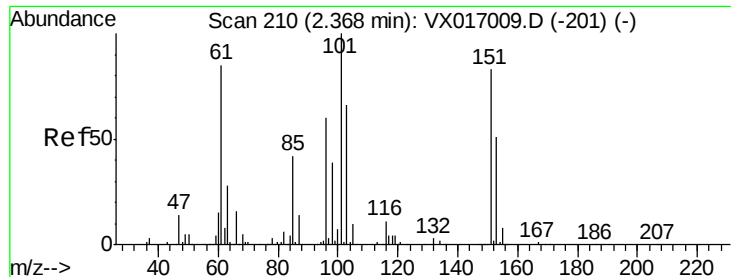


#8

Diethyl Ether
 Concen: 19.672 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Tgt Ion: 74 Resp: 31426
 Ion Ratio Lower Upper
 74 100
 45 97.1 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.645 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

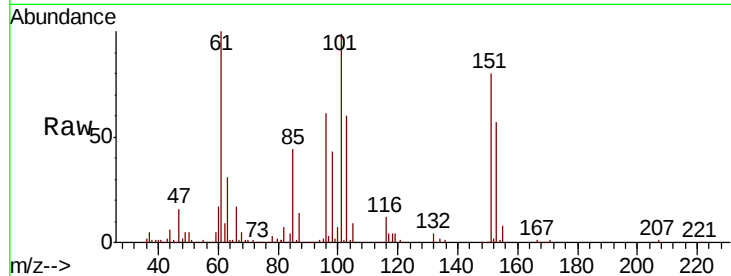
Tot Ion:101 Resp: 50789

Ion Ratio Lower Upper

101 100

85 42.8 33.5 50.3

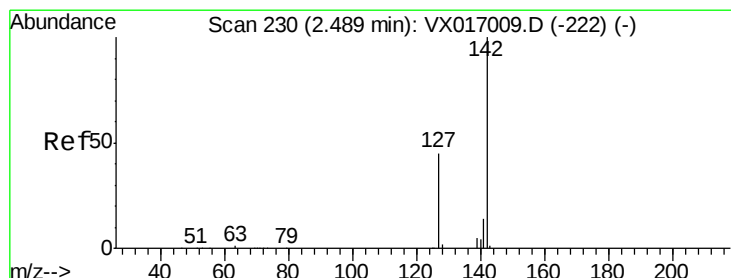
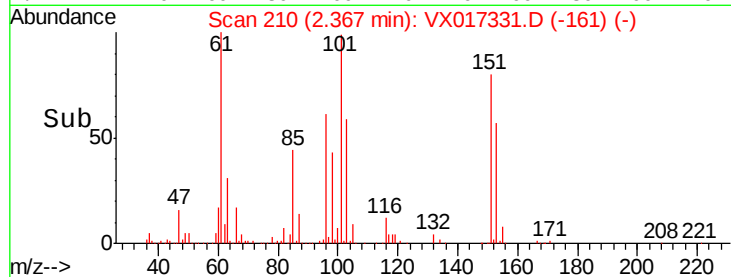
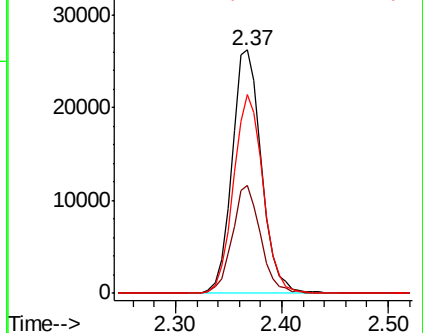
151 81.9 63.8 95.6



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: 15.437 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

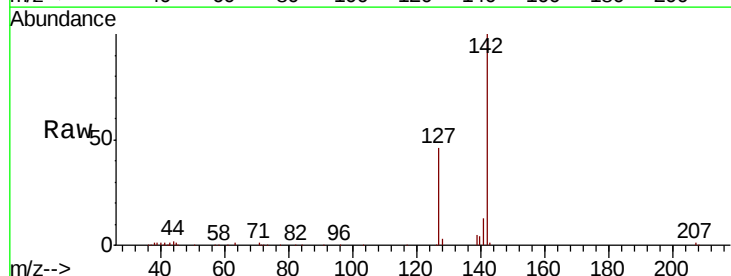
Tgt Ion:142 Resp: 57332

Ion Ratio Lower Upper

142 100

127 45.3 36.6 54.8

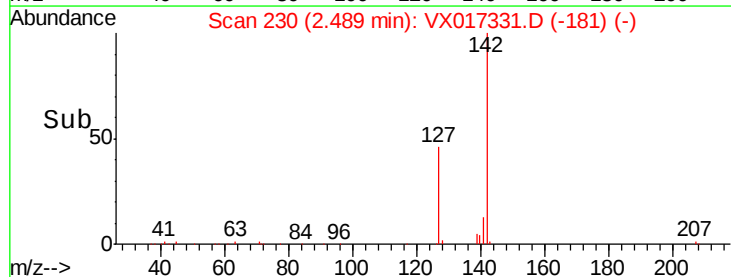
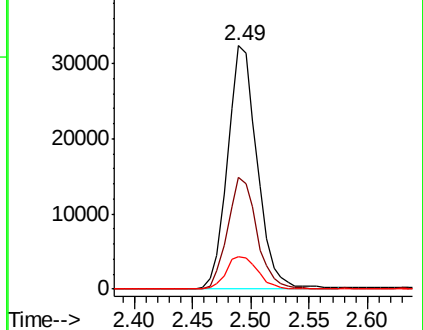
141 14.2 11.6 17.4

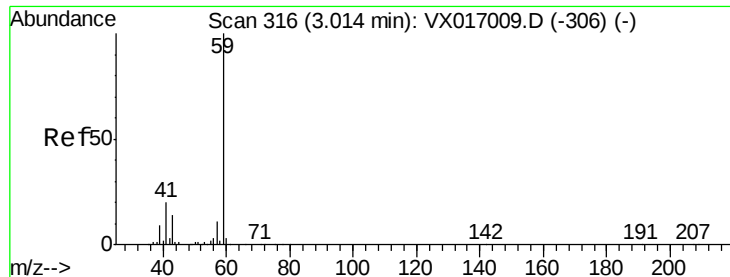


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



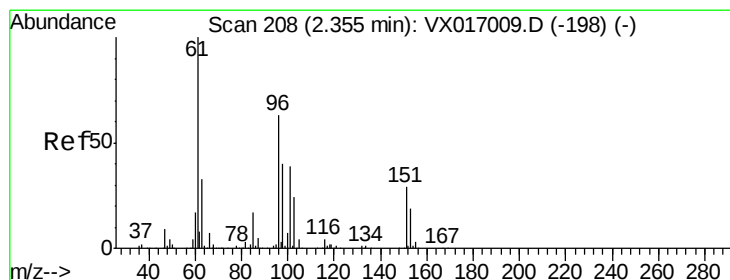
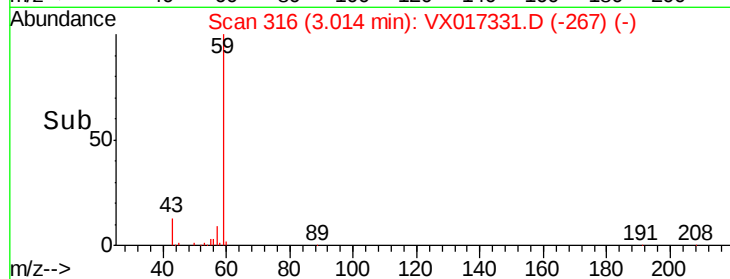
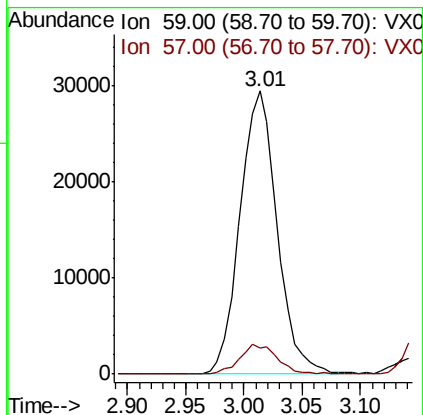
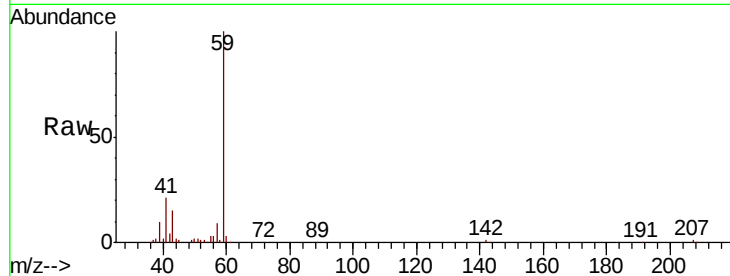


#11

Tert butyl alcohol
 Concen: 93.052 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :

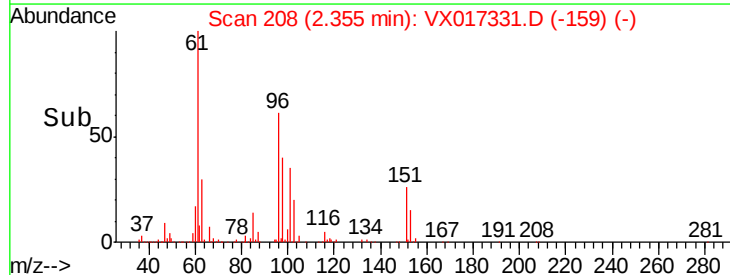
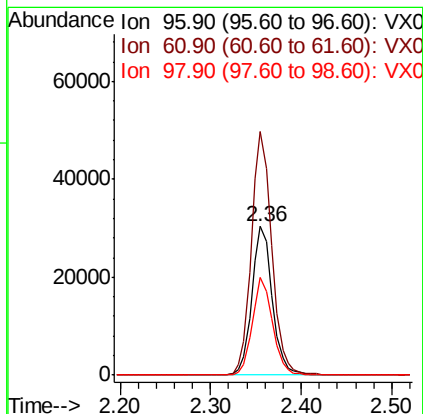
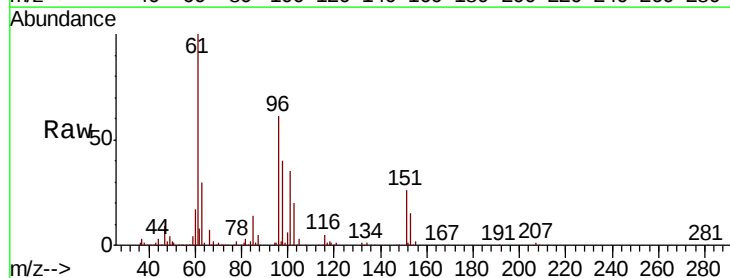
Tot Ion: 59 Resp: 65404
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

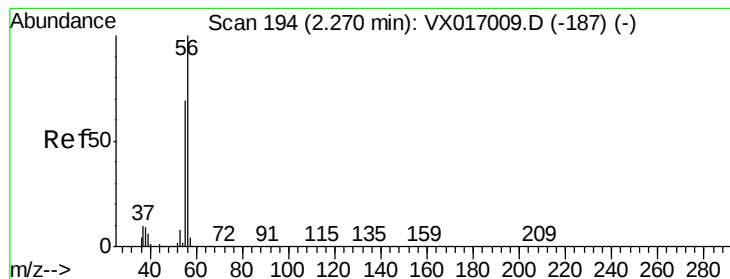


#12

1,1-Dichloroethene
 Concen: 16.126 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Tgt Ion: 96 Resp: 47682
 Ion Ratio Lower Upper
 96 100
 61 164.0 126.3 189.5
 98 65.9 51.0 76.6





#13

Acrolein

Concen: 52.287 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

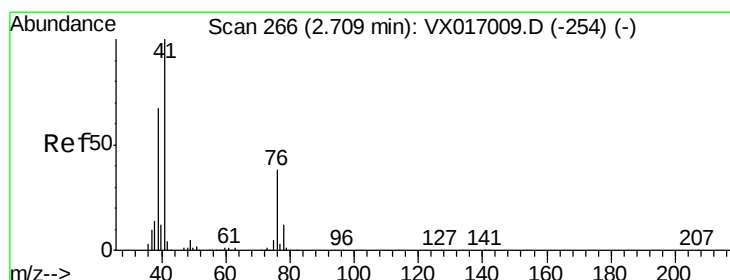
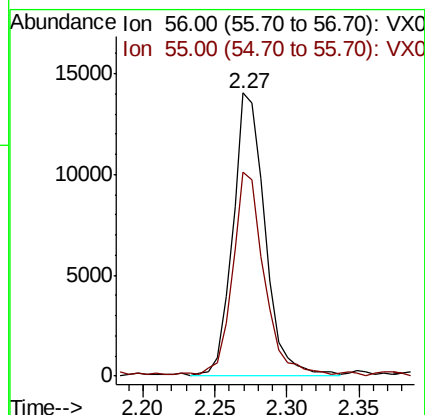
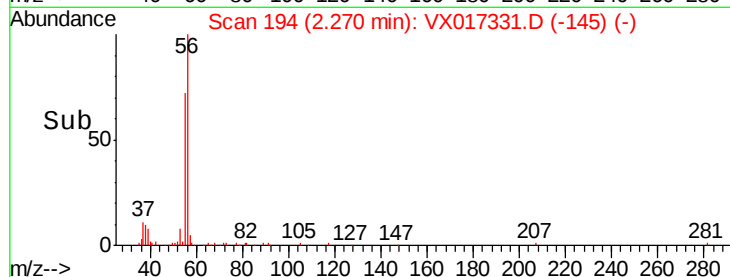
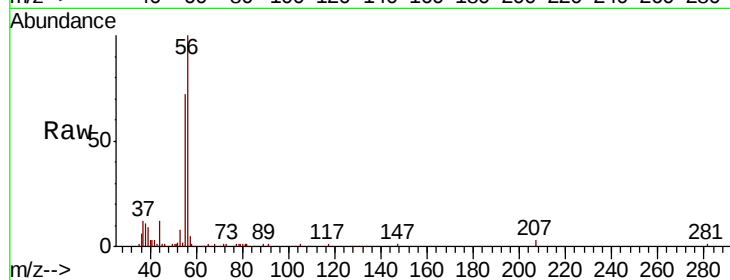
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 21969

Ion Ratio Lower Upper

56 100

55 68.7 55.7 83.5



#14

Allyl chloride

Concen: 16.402 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

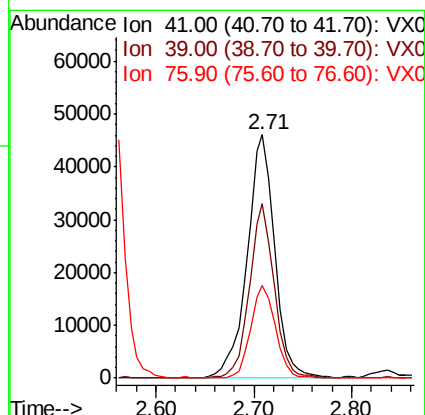
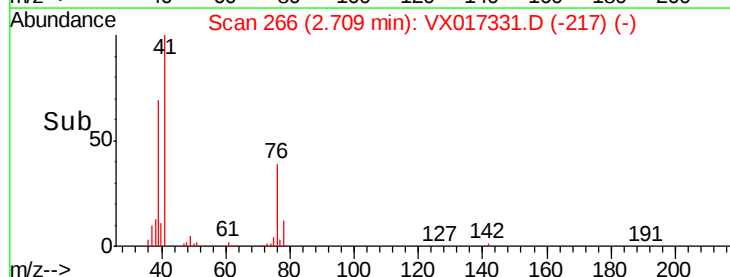
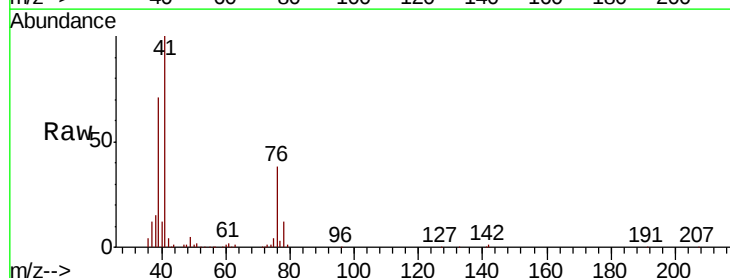
Tgt Ion: 41 Resp: 89629

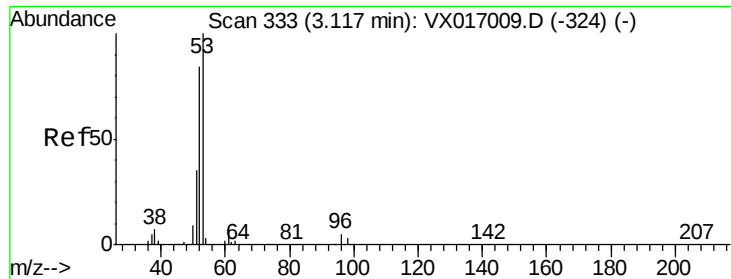
Ion Ratio Lower Upper

41 100

39 64.8 49.4 74.2

76 34.4 26.8 40.2





#15

Acrylonitrile

Concen: 89.827 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

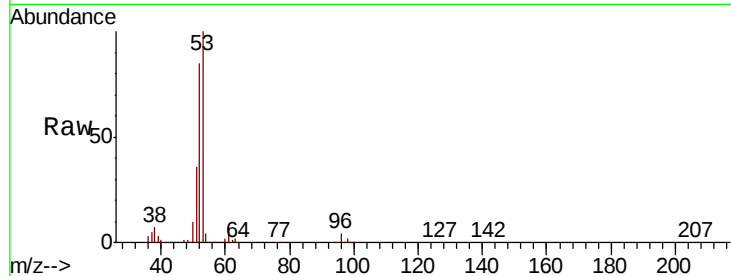
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 151779

Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.6	98.4
51	37.0	28.3	42.5

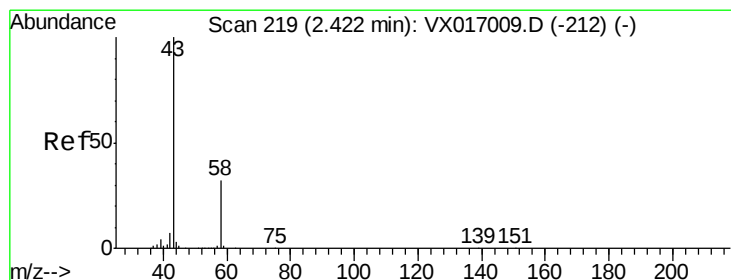
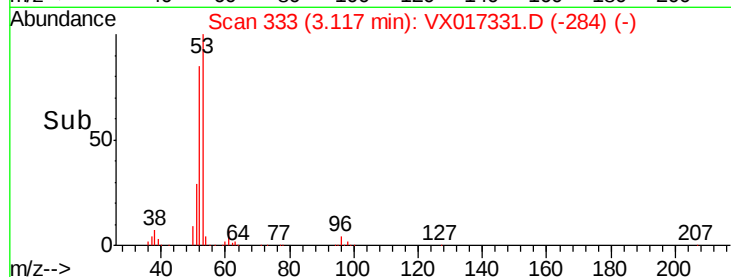
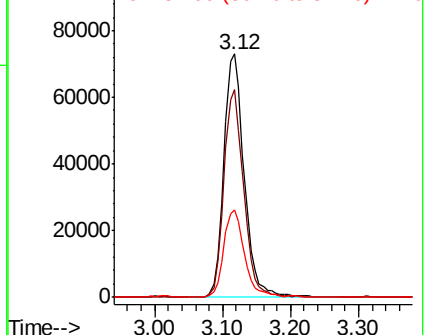


Abundance

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: 90.255 ug/l

RT: 2.42 min Scan# 218

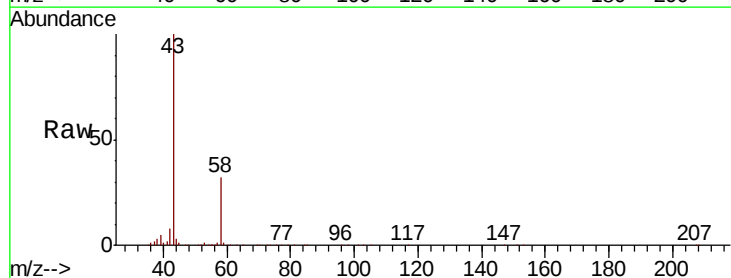
Delta R.T. -0.01 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Tgt Ion: 43 Resp: 124398

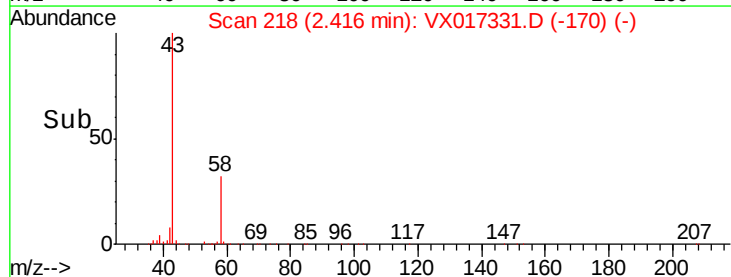
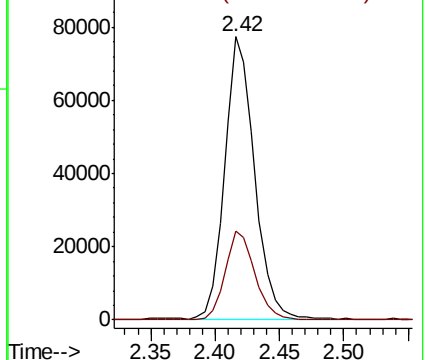
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.7	38.5

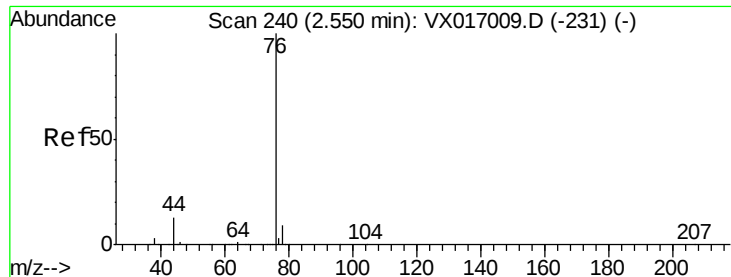


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

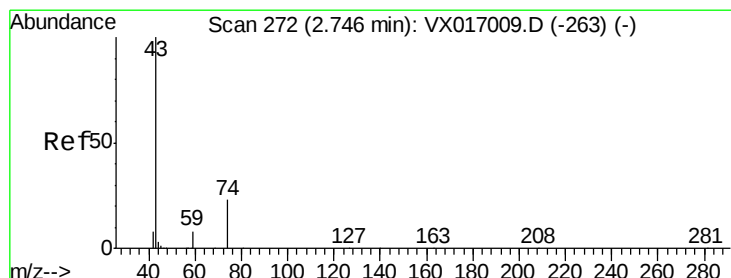
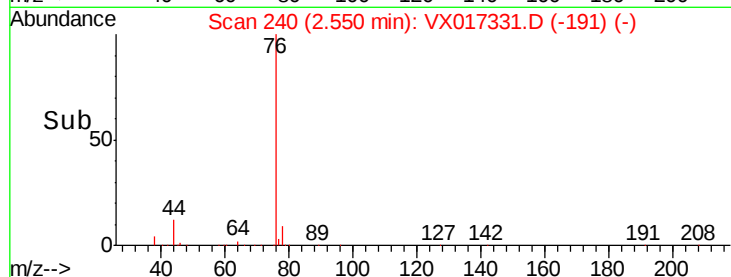
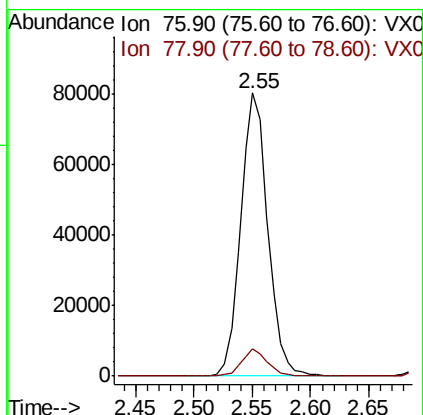
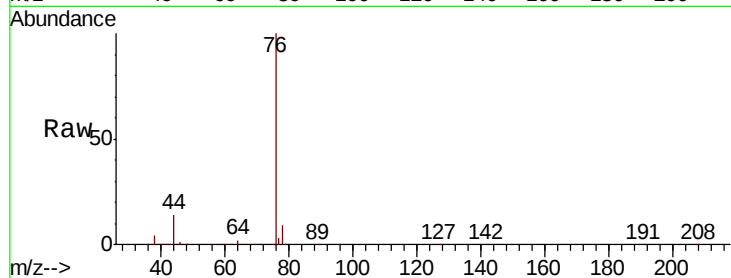




#17
Carbon Disulfide
Concen: 15.825 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

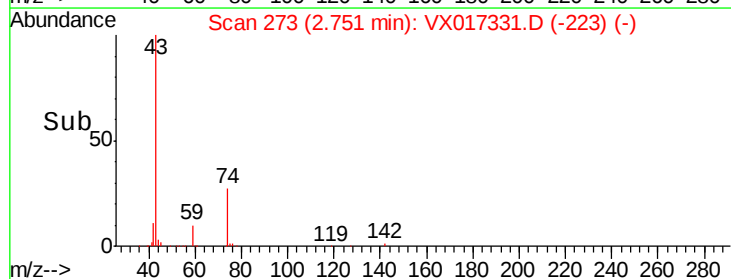
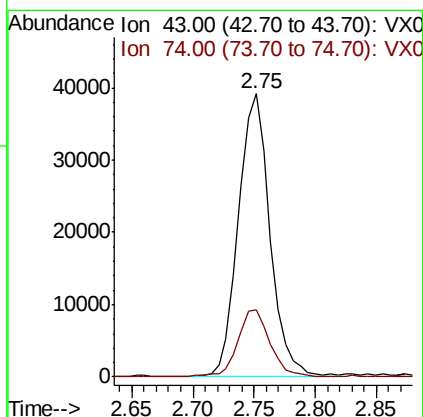
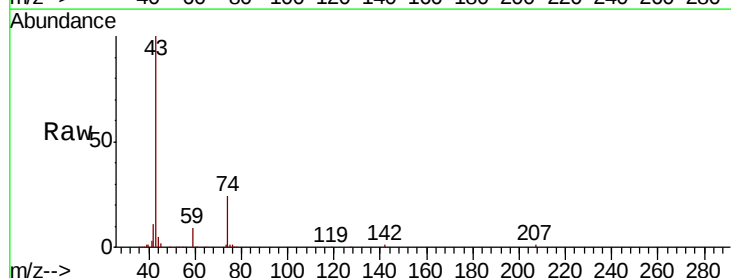
Instrument :
MSVOA_X
ClientSampleId :

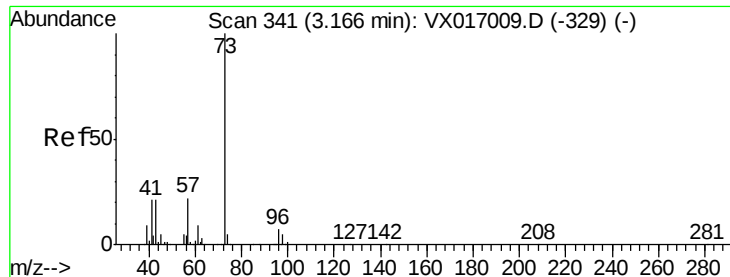
Tot Ion: 76 Resp: 130448
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 19.399 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 43 Resp: 69798
Ion Ratio Lower Upper
43 100
74 24.4 19.3 28.9

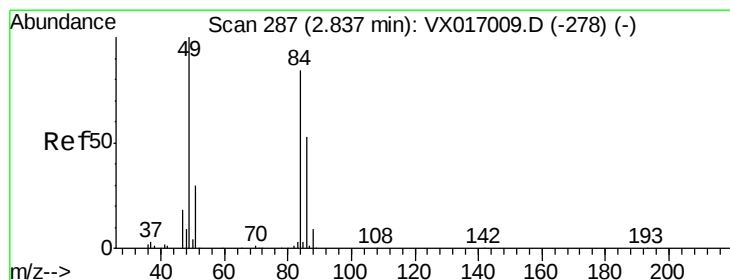
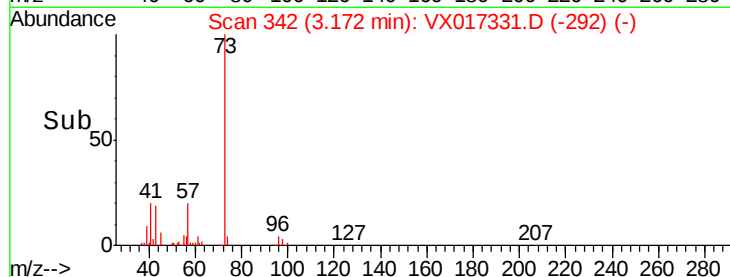
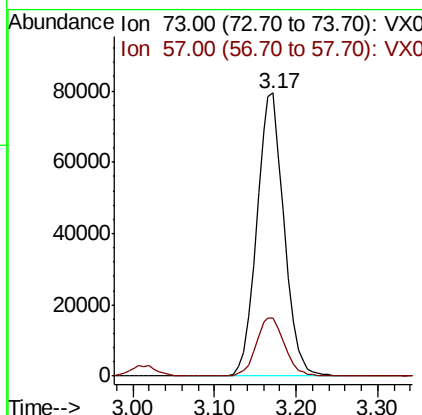
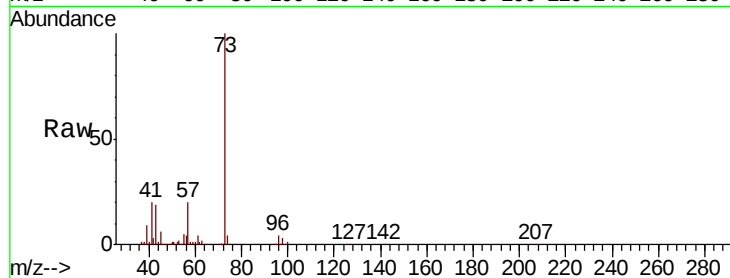




#19
Methvl tert-butvl Ether
Concen: 18.603 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

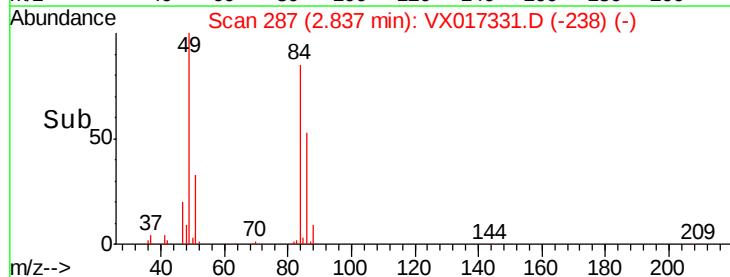
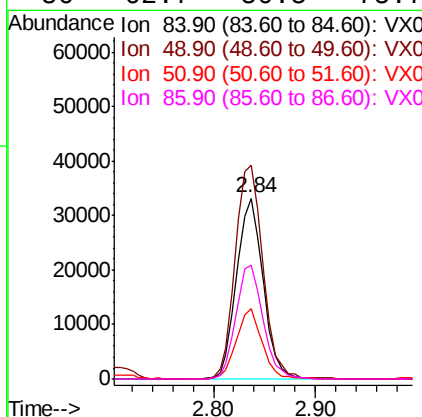
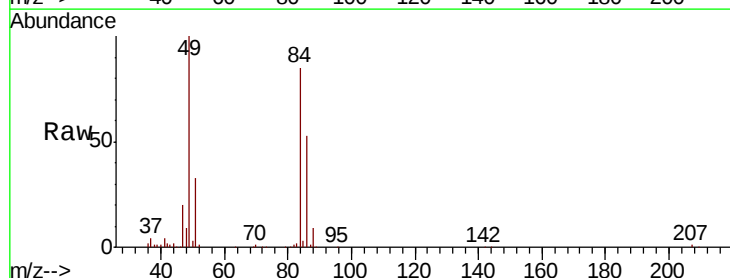
Instrument :
MSVOA_X
ClientSampleId :

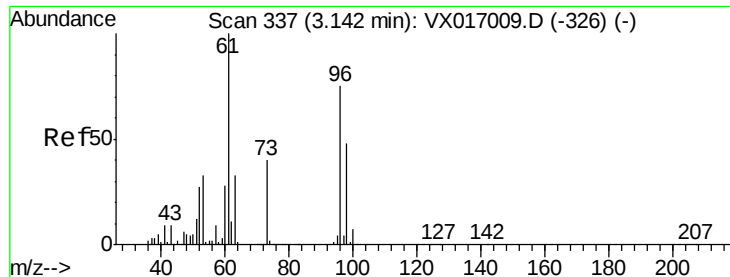
Tot Ion: 73 Resp: 184615
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4



#20
Methylene Chloride
Concen: 18.449 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 84 Resp: 59879
Ion Ratio Lower Upper
84 100
49 118.2 94.7 142.1
51 38.8 28.6 42.8
86 62.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.805 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampled :

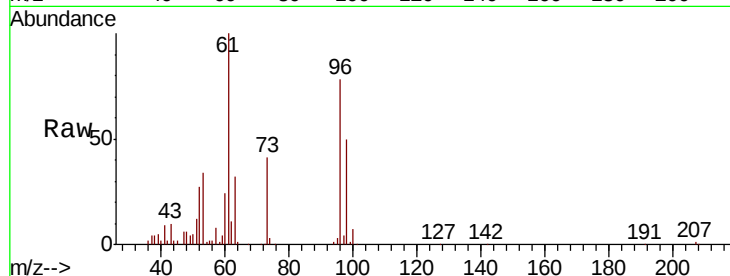
Tot Ion: 96 Resp: 58424

Ion Ratio Lower Upper

96 100

61 128.5 107.0 160.6

98 63.7 51.6 77.4

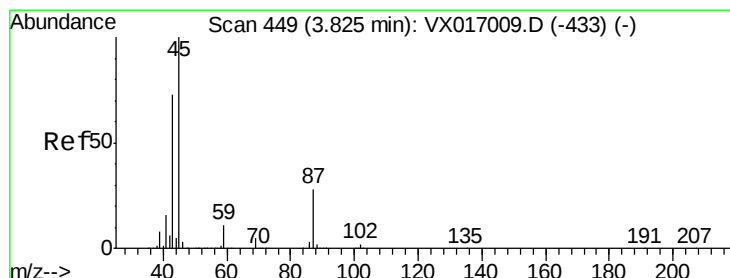
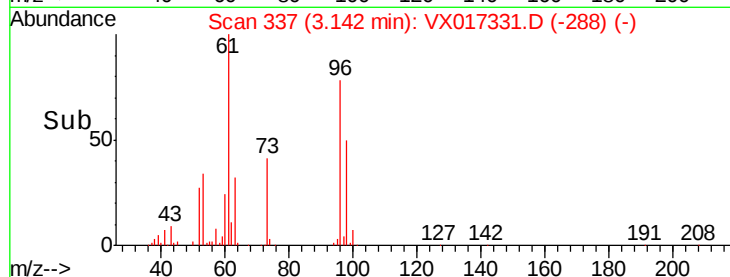
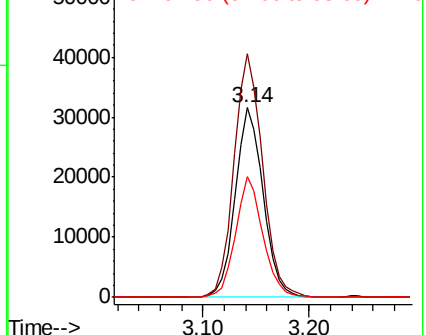


Abundance

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: 18.117 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Tgt Ion: 45 Resp: 183234

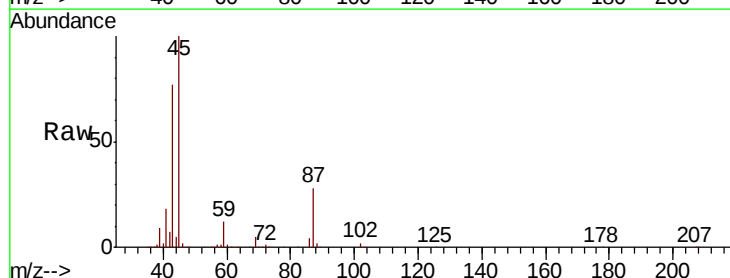
Ion Ratio Lower Upper

45 100

43 76.7 58.6 88.0

87 28.2 22.6 34.0

59 11.7 8.7 13.1



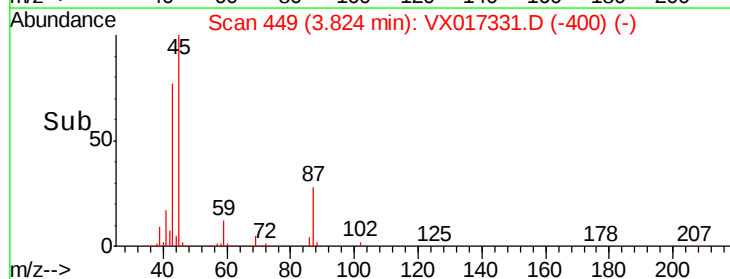
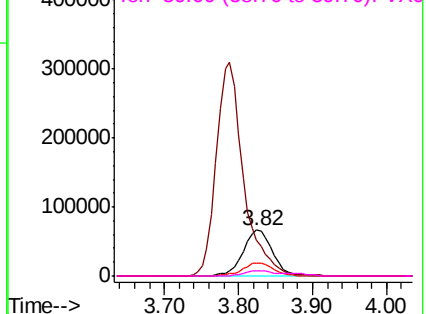
Abundance

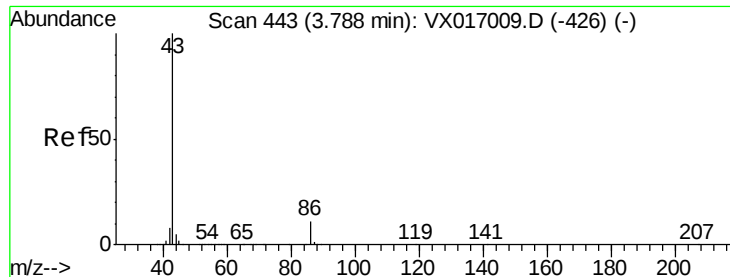
Ion 45.00 (44.70 to 45.70): VX0

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

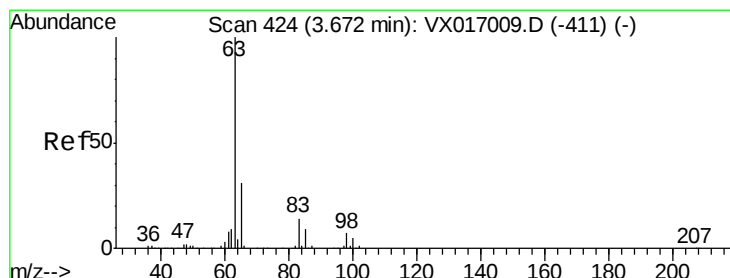
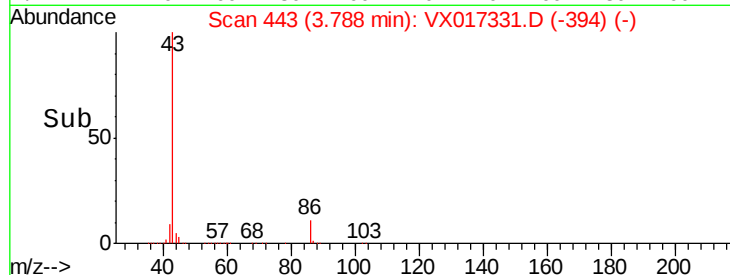
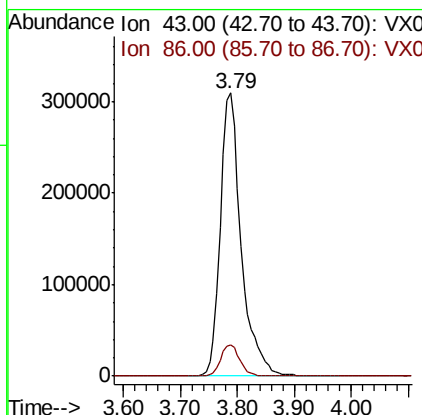
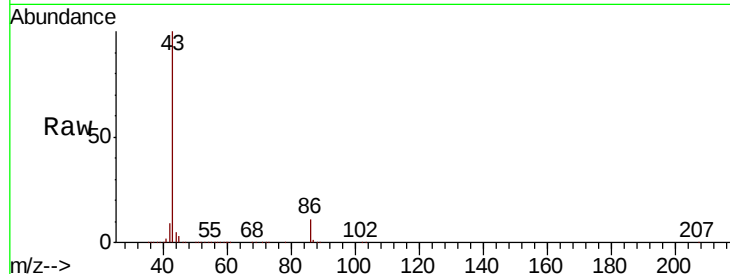




#23
 Vinyl Acetate
 Concen: 90.522 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

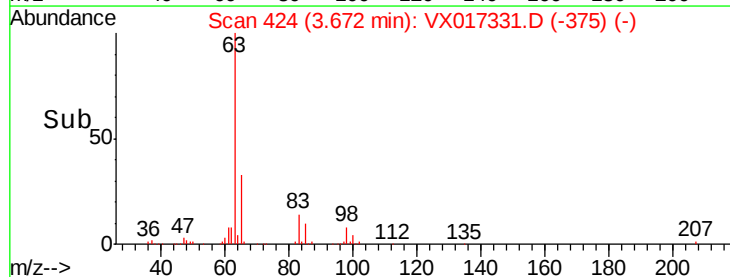
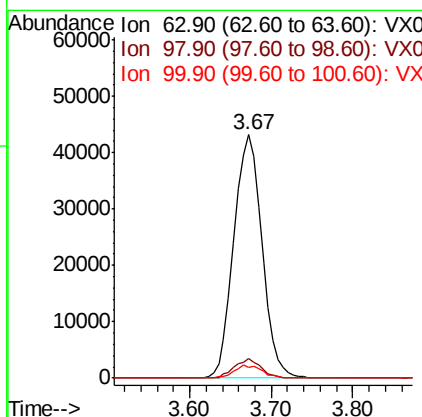
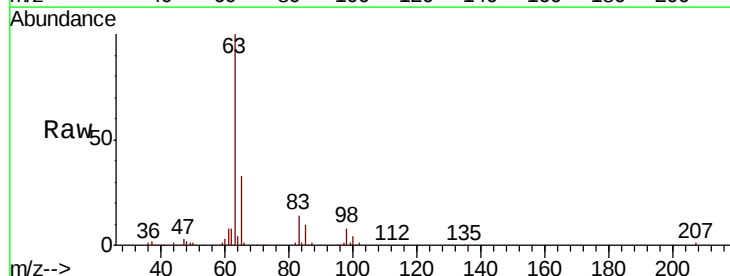
Instrument :
 MSVOA_X
 ClientSampleId :

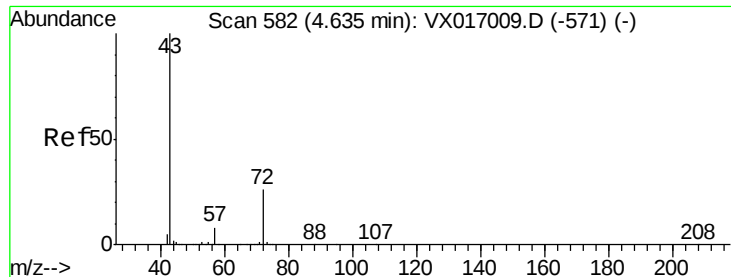
Tot Ion: 43 Resp: 786723
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 17.937 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Tgt Ion: 63 Resp: 103220
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.5 2.4 7.1

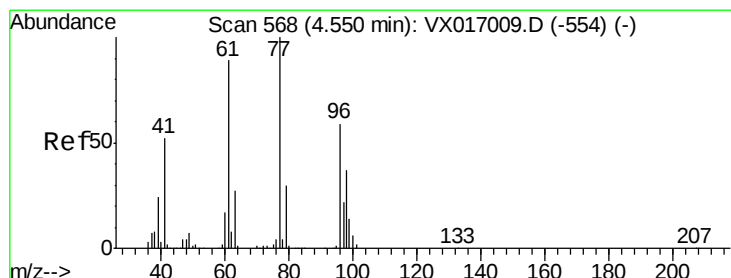
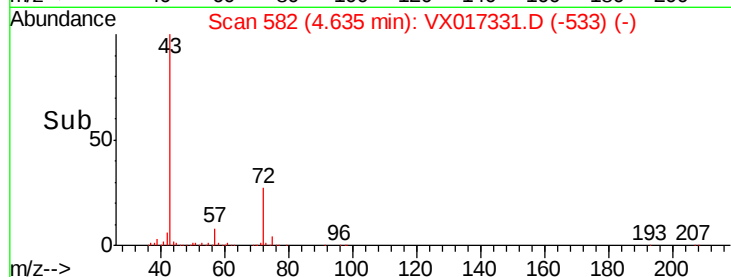
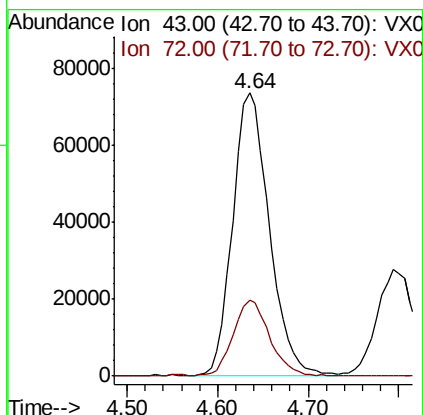
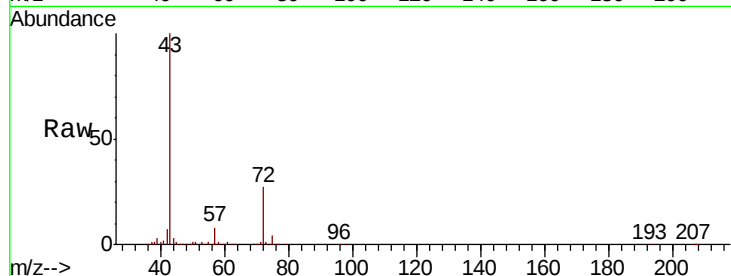




#25
2-Butanone
Concen: 89.767 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

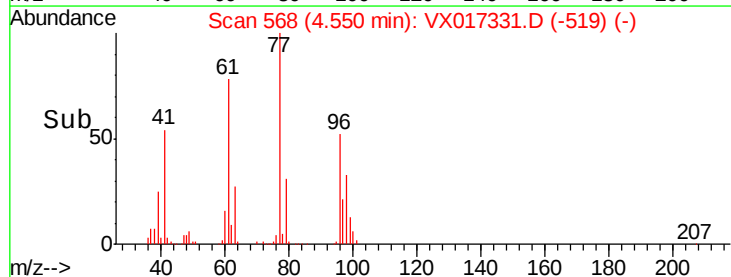
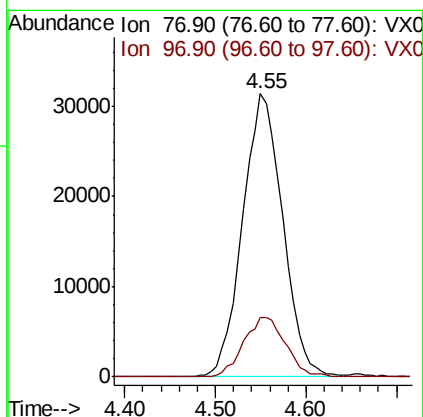
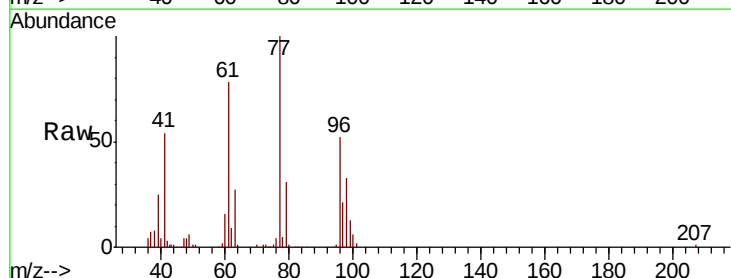
Instrument :
MSVOA_X
ClientSampled :

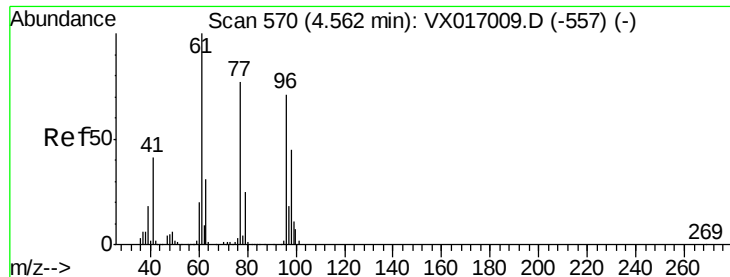
Tot Ion: 43 Resp: 206159
Ion Ratio Lower Upper
43 100
72 26.7 20.8 31.2



#26
2,2-Dichloropropane
Concen: 18.794 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 77 Resp: 96031
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2



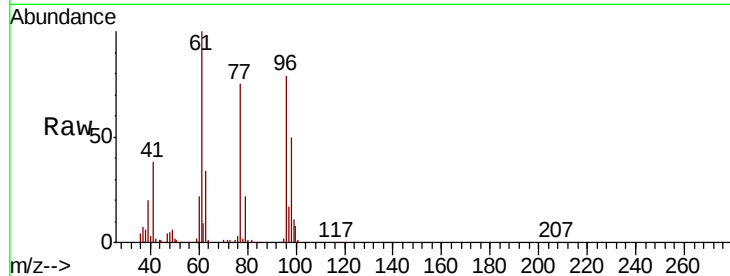


#27

cis-1,2-Dichloroethene
Concen: 17.859 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	66400
Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	282.8
98	64.2	0.0	127.6

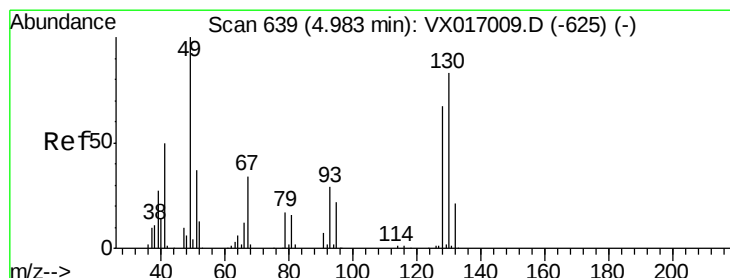
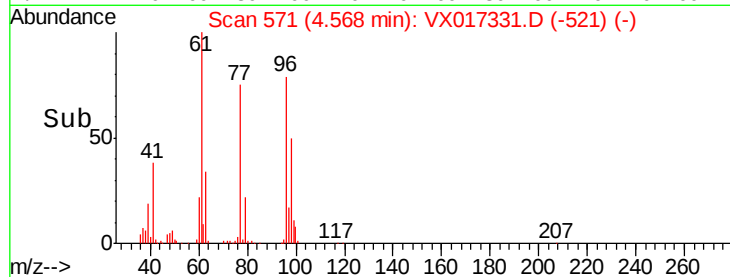
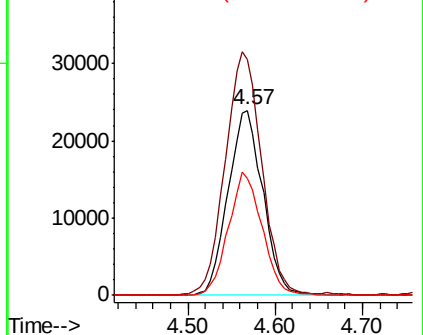


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

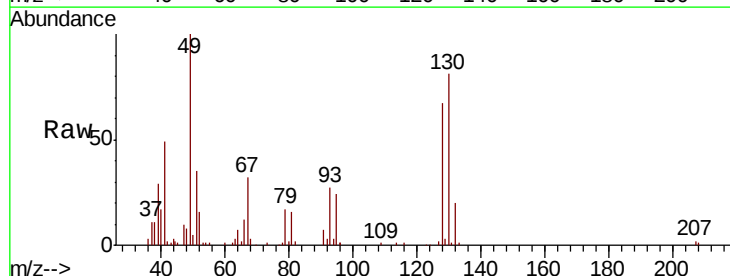
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 15.966 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion	49	Resp	44712
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.2
130	85.4	66.6	100.0

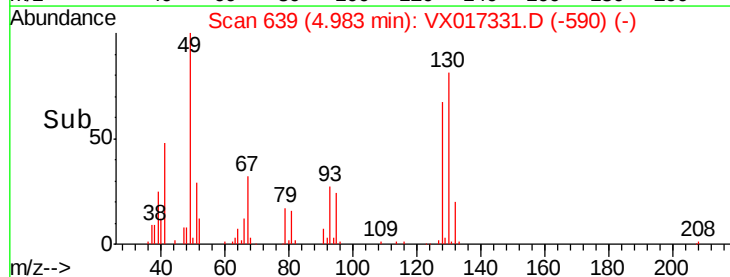
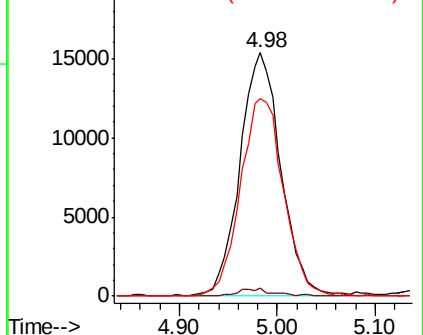


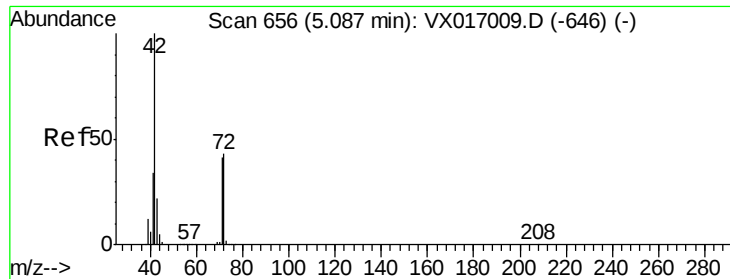
Abundance

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

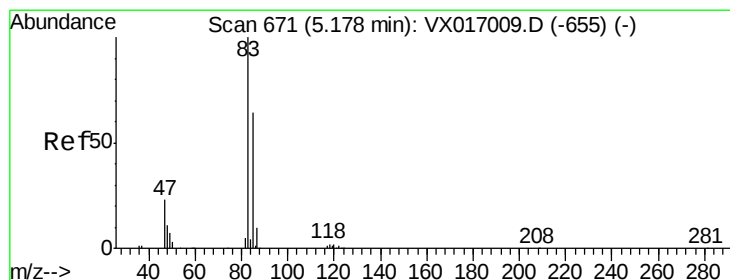
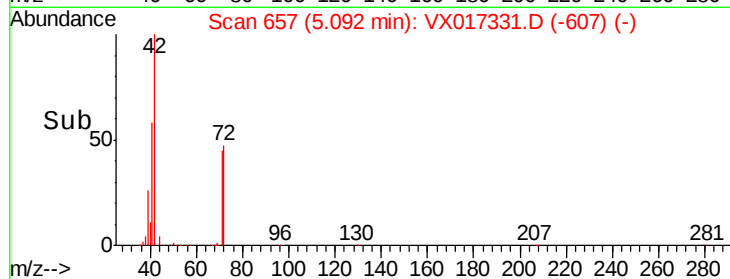
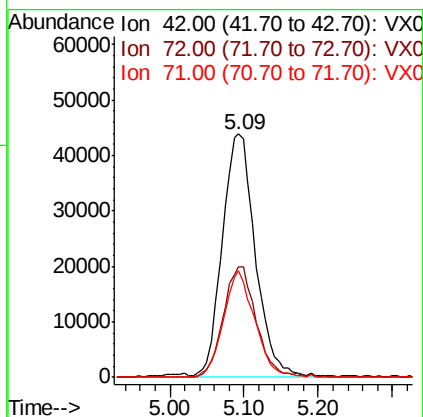
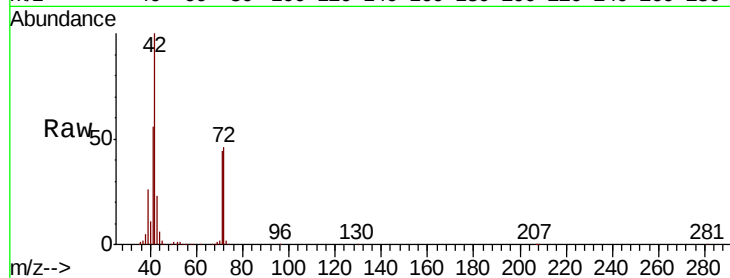




#29
Tetrahydrofuran
Concen: 88.742 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

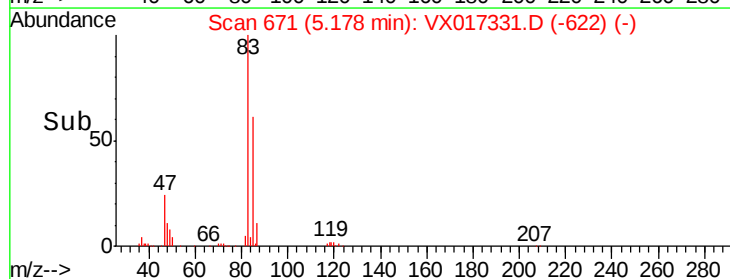
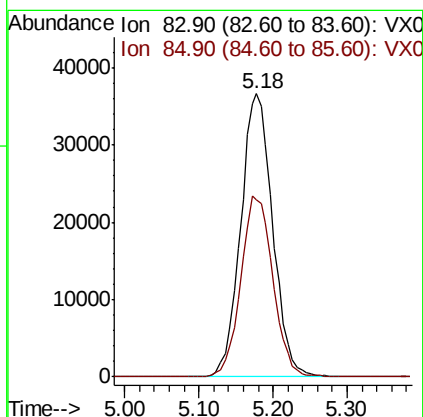
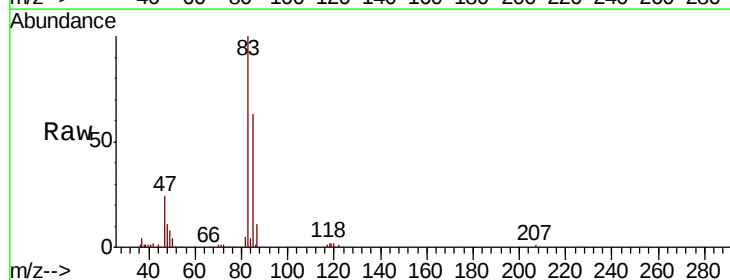
Instrument :
MSVOA_X
ClientSampled :

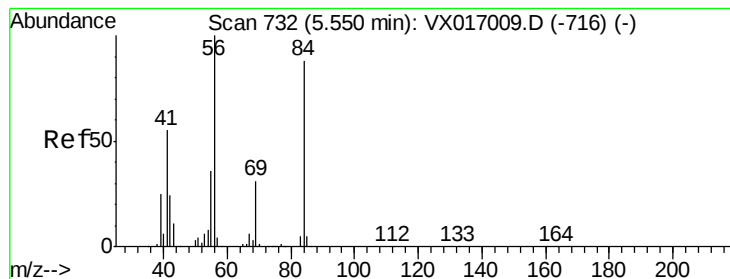
Tot Ion: 42 Resp: 134659
Ion Ratio Lower Upper
42 100
72 45.8 35.3 52.9
71 42.0 33.1 49.7



#30
Chloroform
Concen: 18.624 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 83 Resp: 109864
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.2





#31

Cyclohexane

Concen: 16.379 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

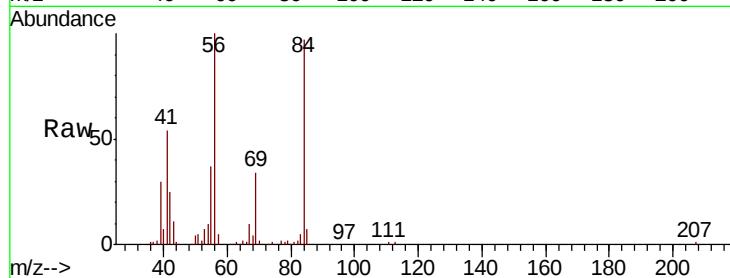
Tot Ion: 56 Resp: 81473

Ion Ratio Lower Upper

56 100

69 33.5 25.0 37.4

84 95.4 69.1 103.7

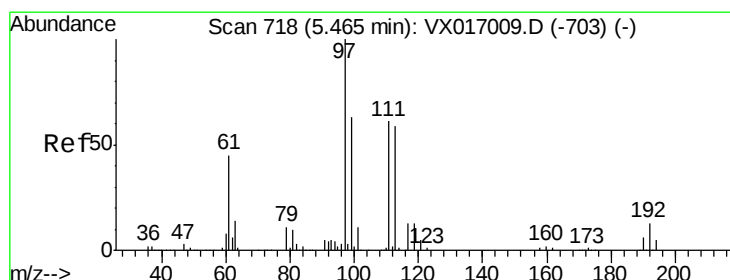
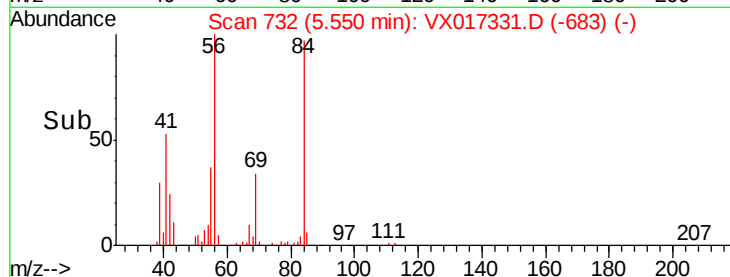
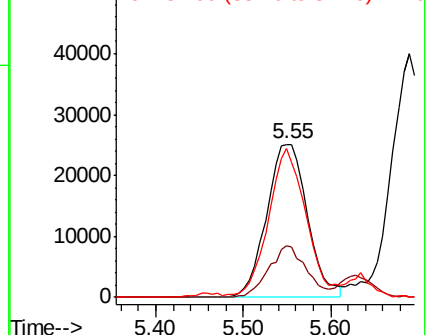


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.660 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

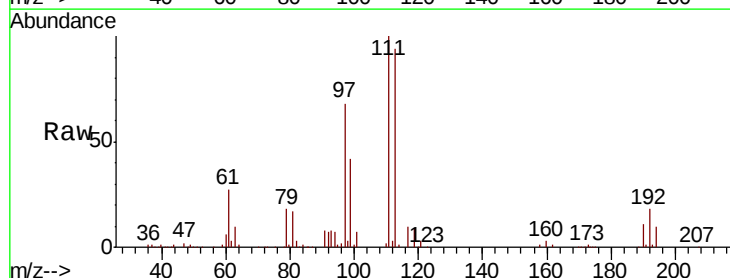
Tgt Ion: 97 Resp: 101380

Ion Ratio Lower Upper

97 100

99 65.8 50.8 76.2

61 42.2 33.7 50.5

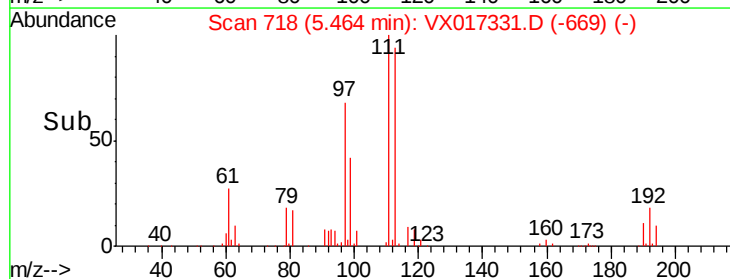
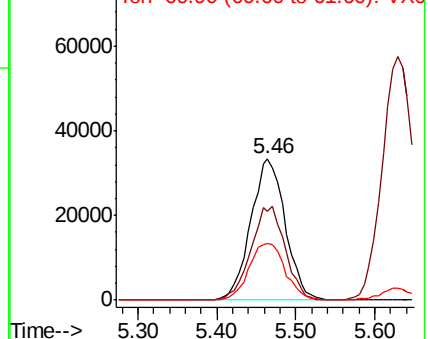


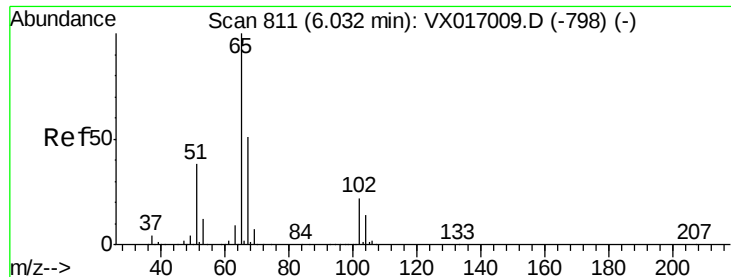
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.153 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

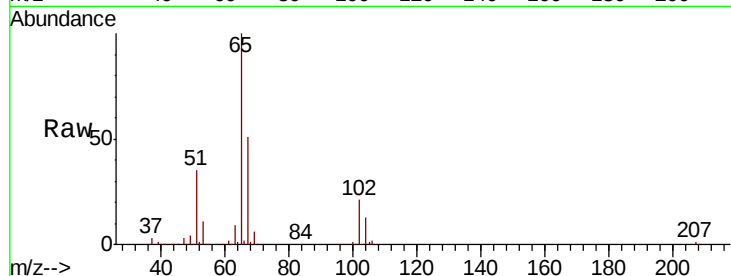
ClientSampleId :

Tot Ion: 65 Resp: 162679

Ion Ratio Lower Upper

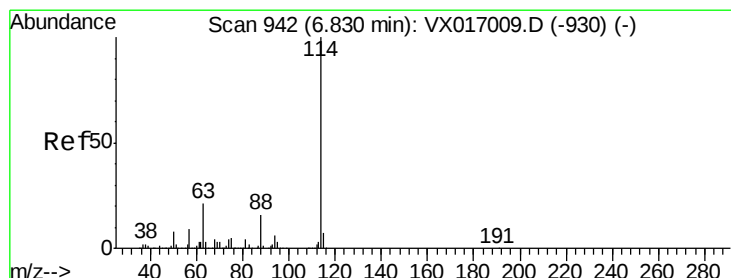
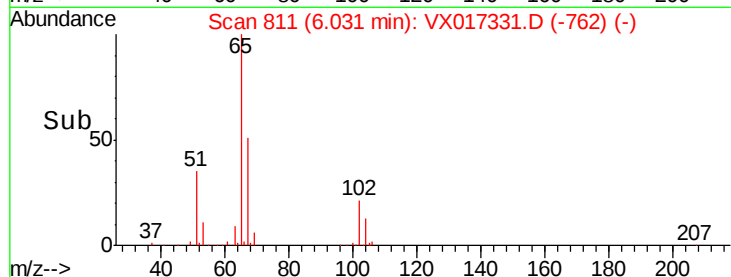
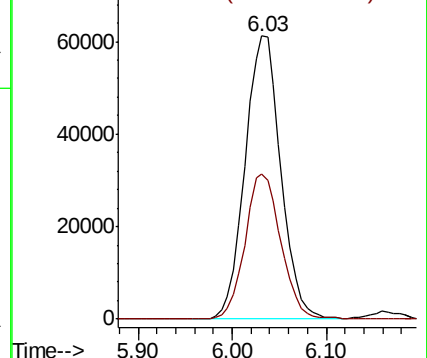
65 100

67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Tgt Ion: 114 Resp: 447536

Ion Ratio Lower Upper

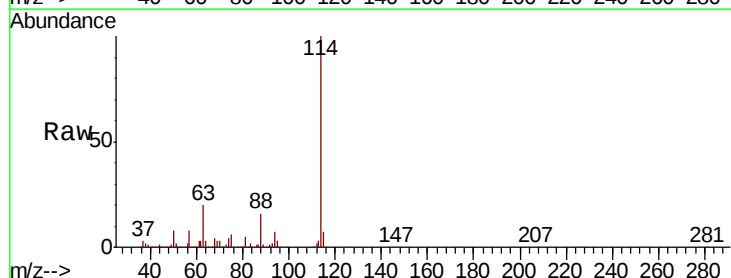
114 100

63 19.7

0.0 41.4

88 15.7

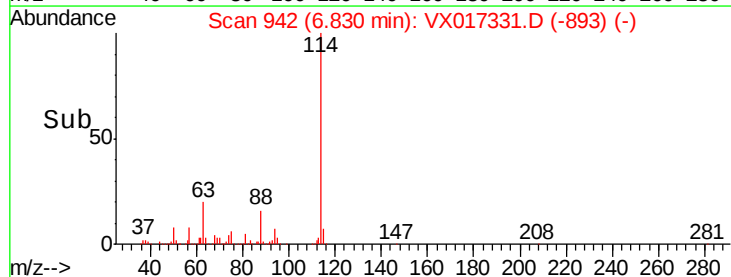
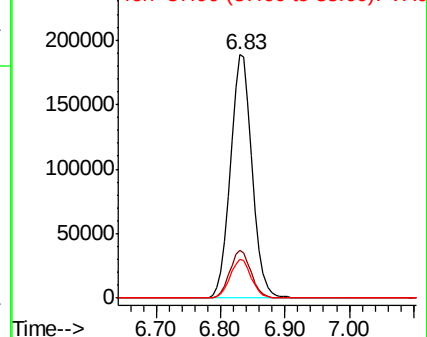
0.0 32.4

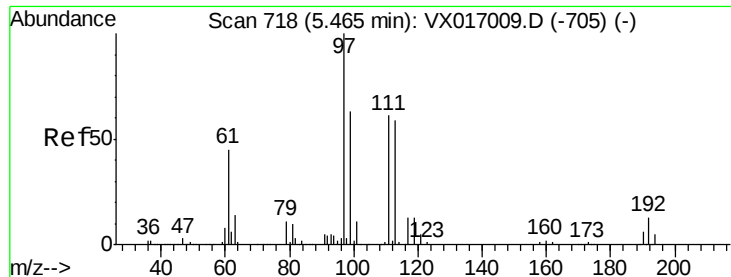


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.681 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :

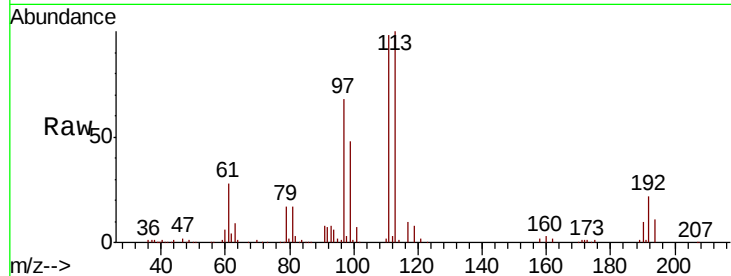
Tot Ion:113 Resp: 132153

Ion Ratio Lower Upper

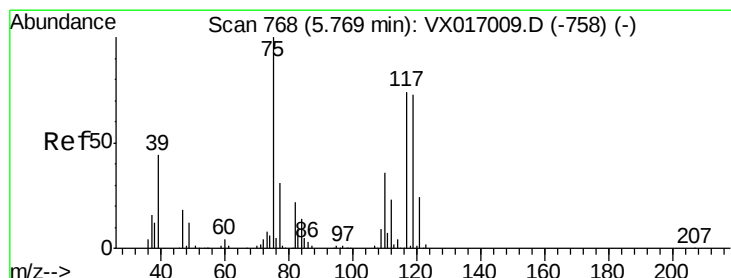
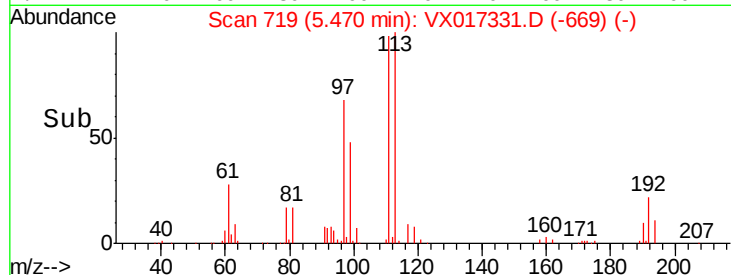
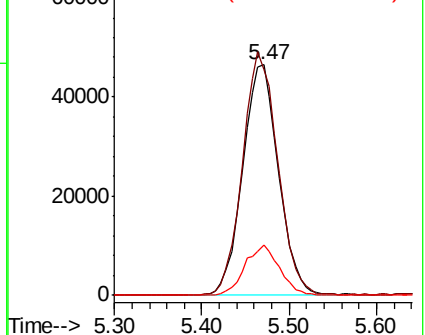
113 100

111 104.3 81.9 122.9

192 21.2 16.7 25.1



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: 18.105 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

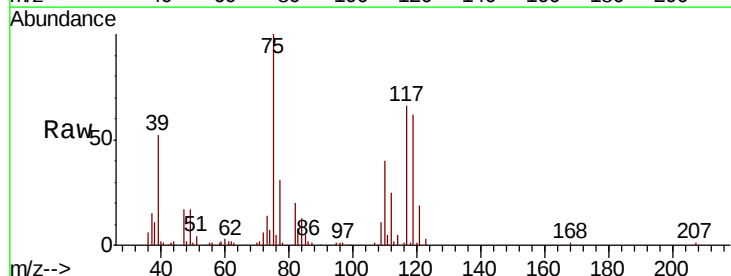
Tgt Ion: 75 Resp: 76579

Ion Ratio Lower Upper

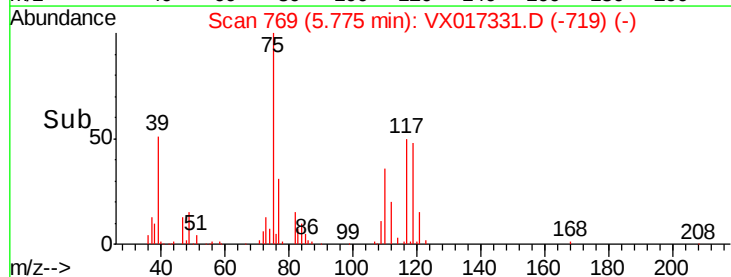
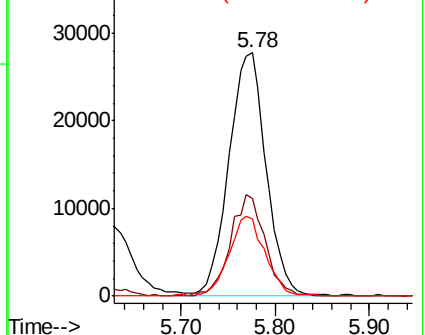
75 100

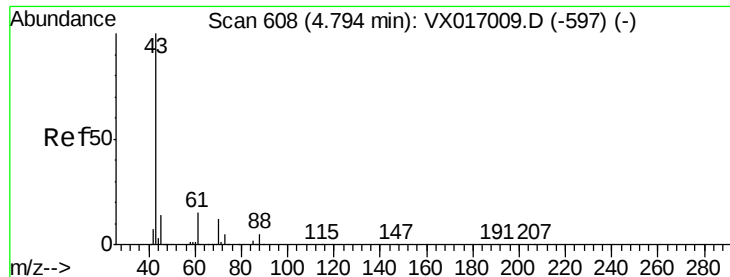
110 38.5 18.1 54.1

77 32.1 24.6 37.0



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

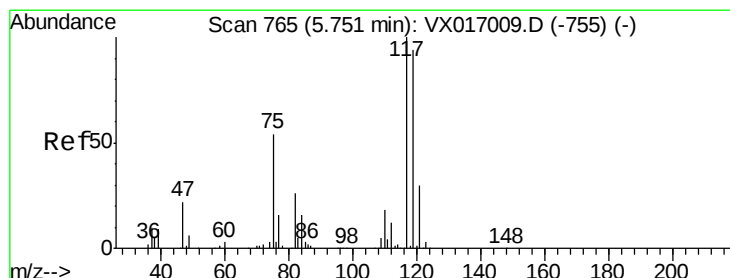
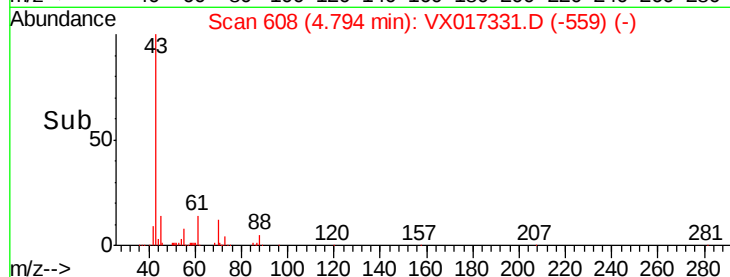
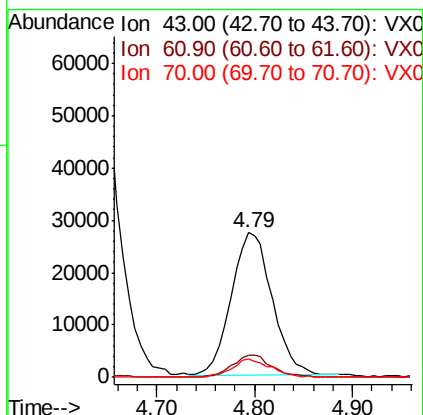
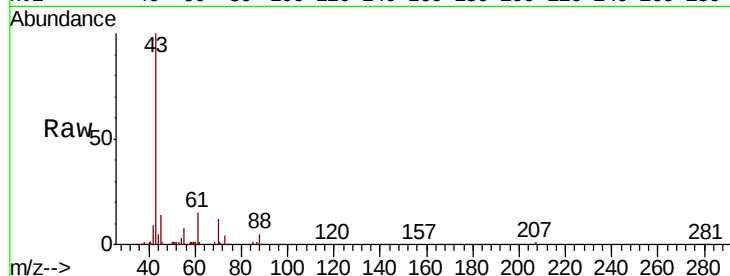




#37
Ethyl Acetate
Concen: 18.525 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

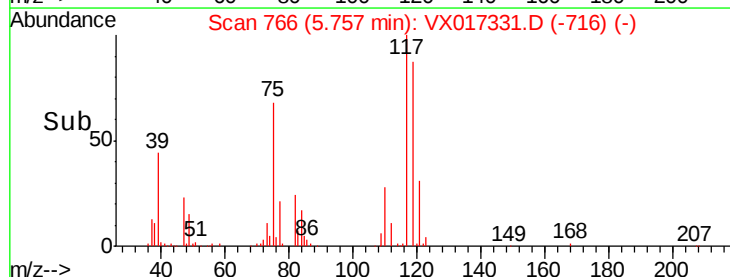
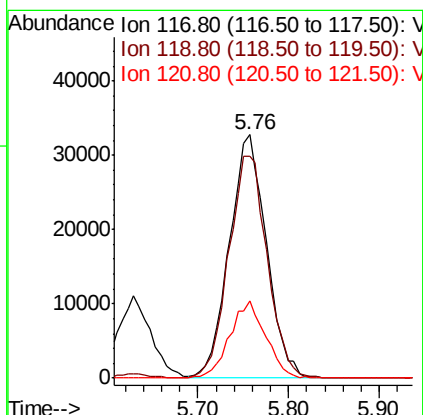
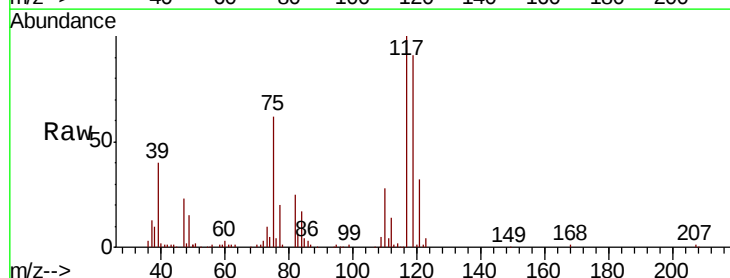
Instrument :
MSVOA_X
ClientSampleId :

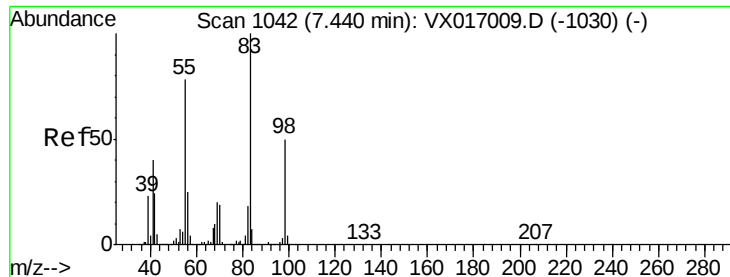
Tot Ion: 43 Resp: 79502
Ion Ratio Lower Upper
43 100
61 15.3 11.0 16.4
70 12.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.963 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 117 Resp: 93001
Ion Ratio Lower Upper
117 100
119 91.1 75.4 113.0
121 31.6 23.8 35.6

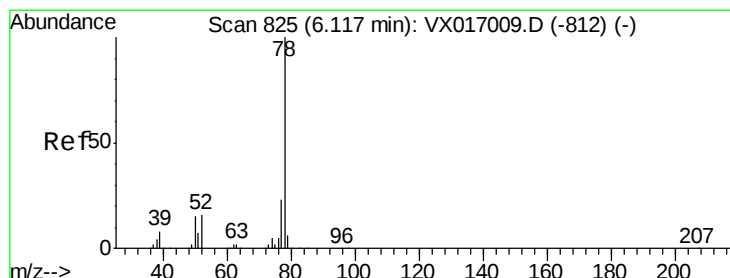
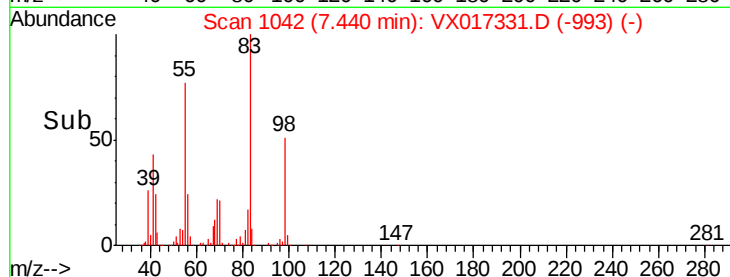
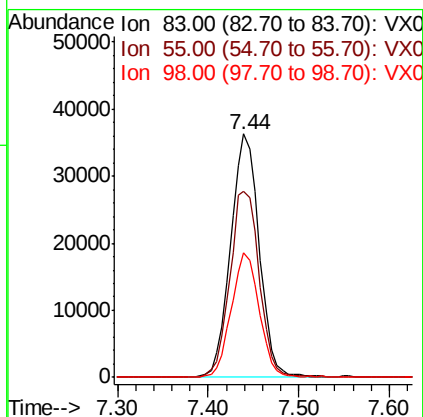
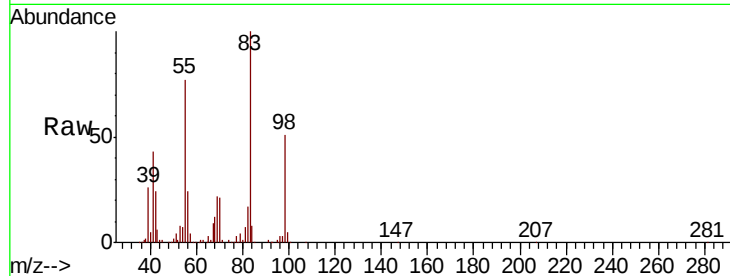




#39
Methylvlcvclohexane
Concen: 16.900 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

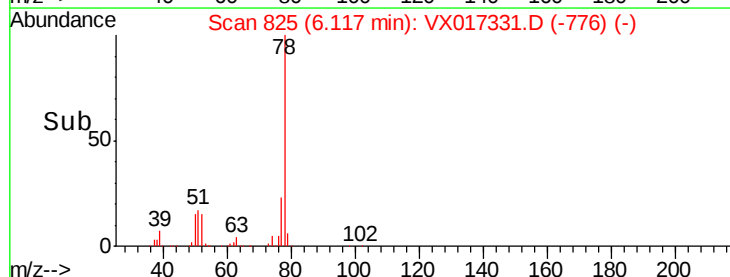
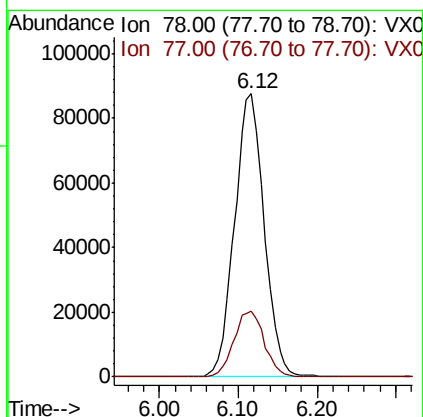
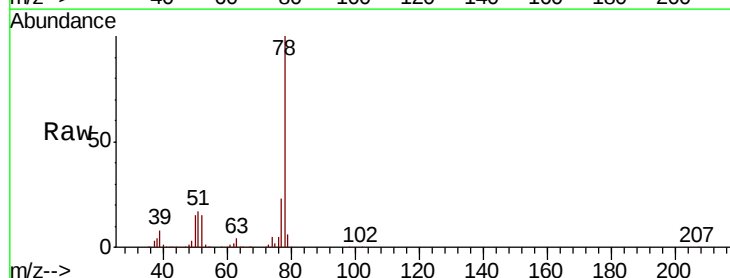
Instrument :
MSVOA_X
ClientSampled :

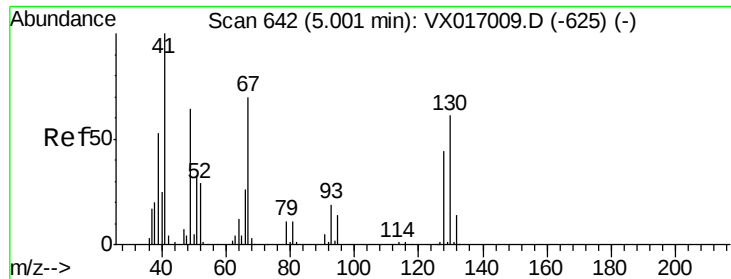
Tot Ion: 83 Resp: 79535
Ion Ratio Lower Upper
83 100
55 76.3 62.5 93.7
98 51.0 40.1 60.1



#40
Benzene
Concen: 18.443 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 78 Resp: 229208
Ion Ratio Lower Upper
78 100
77 23.2 18.3 27.5

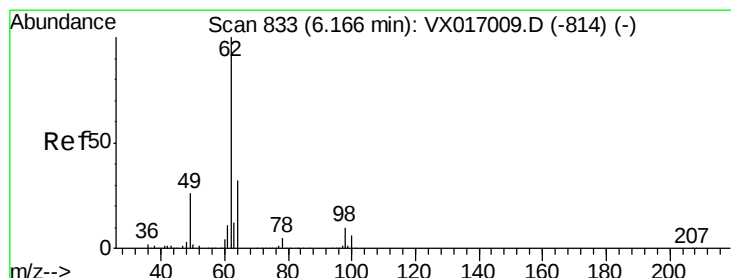
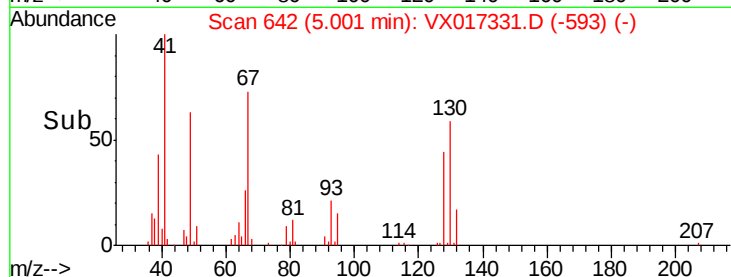
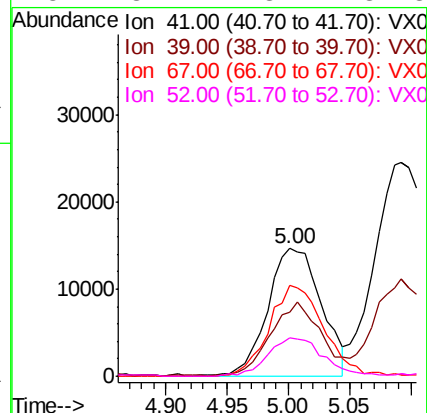
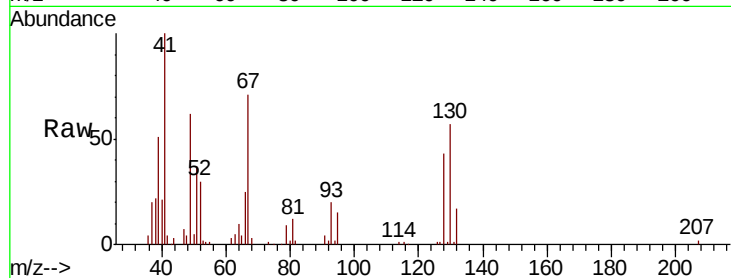




#41
Methacrylonitrile
Concen: 18.518 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

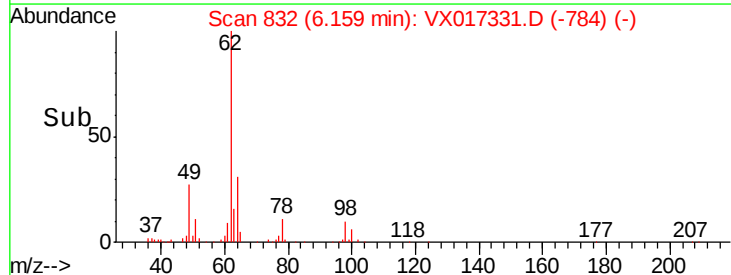
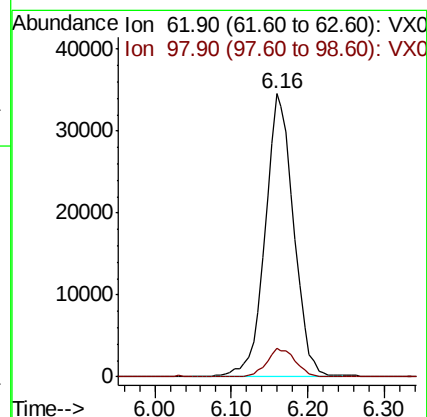
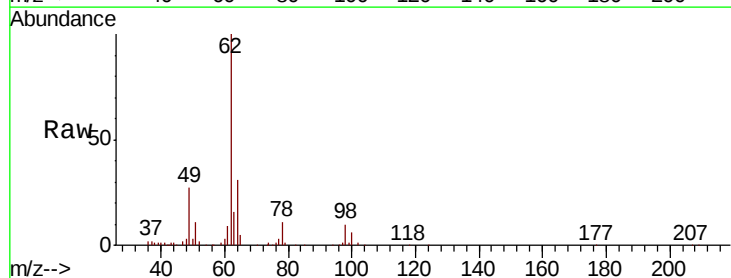
Instrument :
MSVOA_X
ClientSampleId :

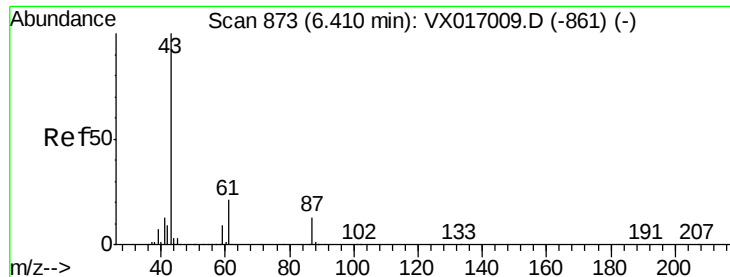
Tot Ion:	41	Resp:	44729
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.4	66.6
67	72.8	57.1	85.7
52	31.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 20.000 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion:	62	Resp:	89782
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.2





#43

Isopropyl Acetate

Concen: 18.656 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

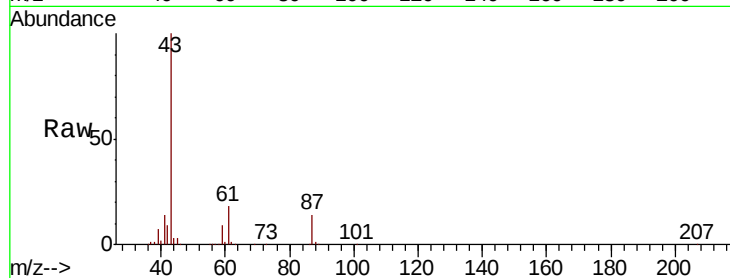
Tot Ion: 43 Resp: 133043

Ion Ratio Lower Upper

43 100

61 19.7 16.2 24.2

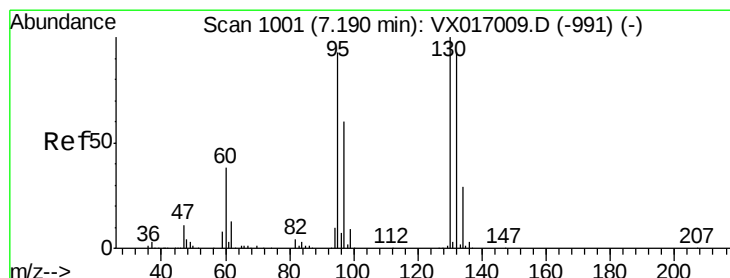
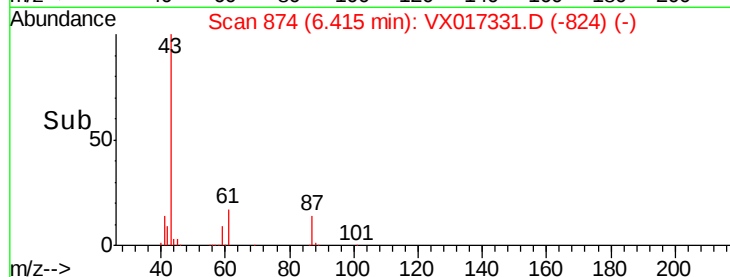
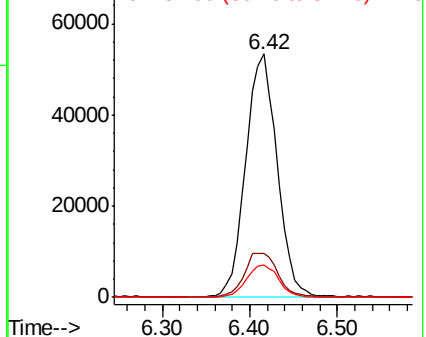
87 13.7 10.7 16.1



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: 19.527 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017331.D

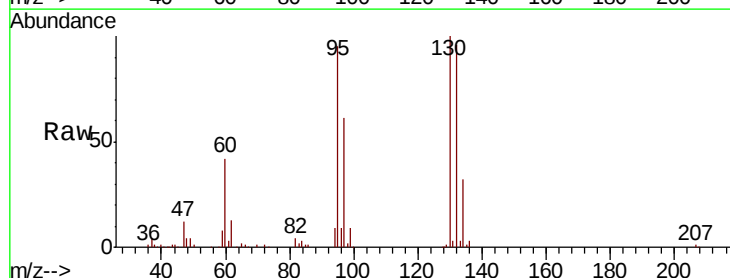
Acq: 10 Jul 2020 13:29

Tgt Ion:130 Resp: 67612

Ion Ratio Lower Upper

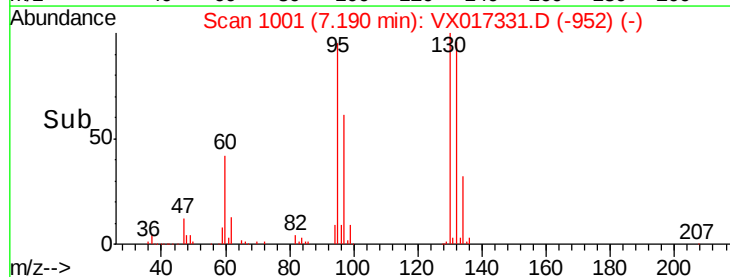
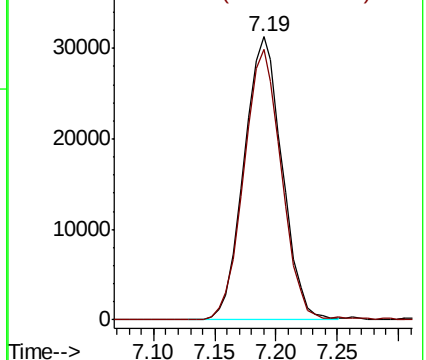
130 100

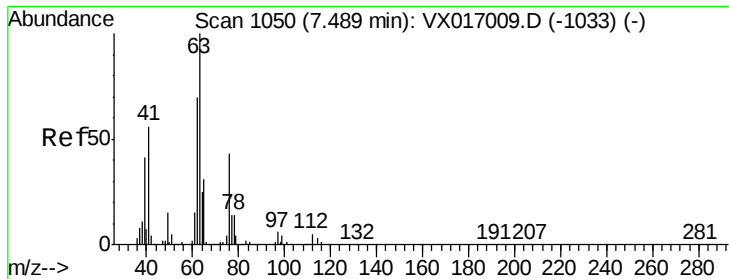
95 95.4 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.958 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

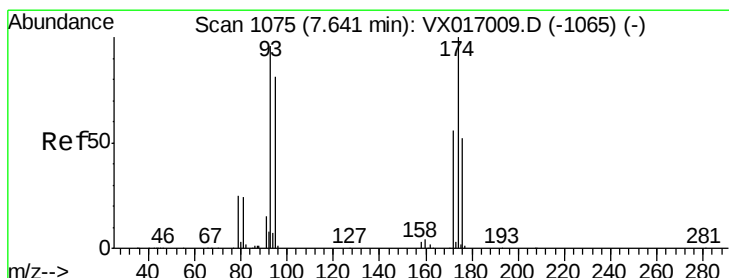
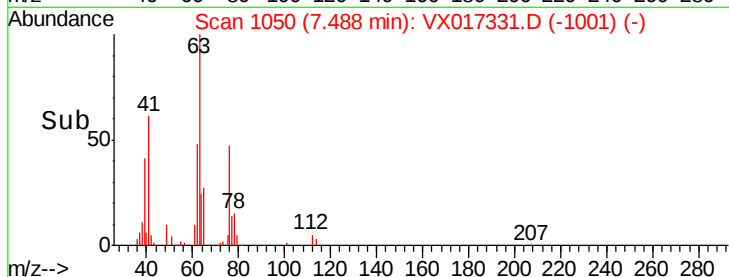
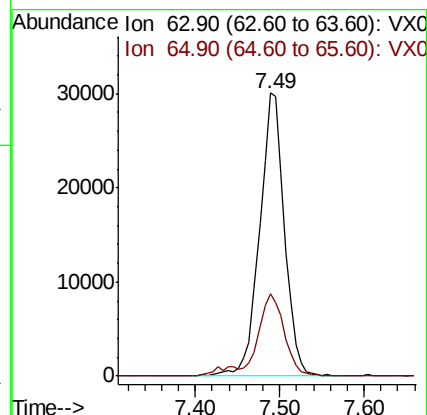
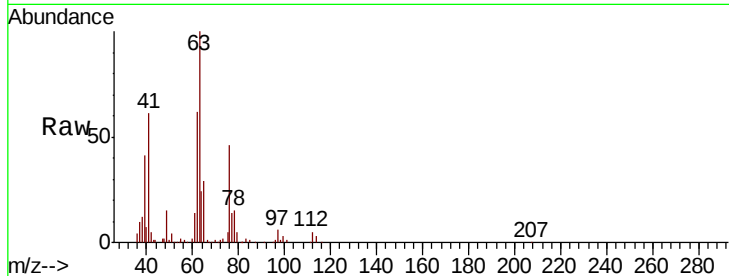
ClientSampleId :

Tot Ion: 63 Resp: 60513

Ion Ratio Lower Upper

63 100

65 29.0 24.6 36.8



#46

Dibromomethane

Concen: 19.385 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

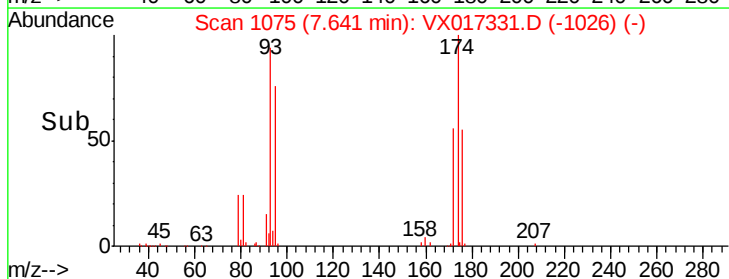
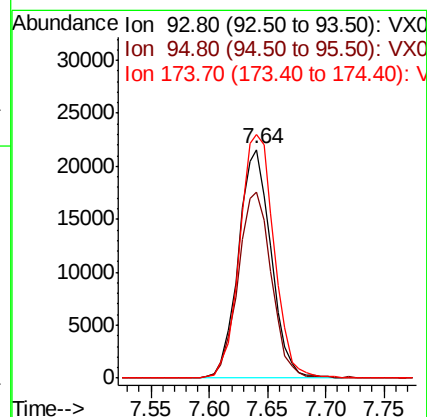
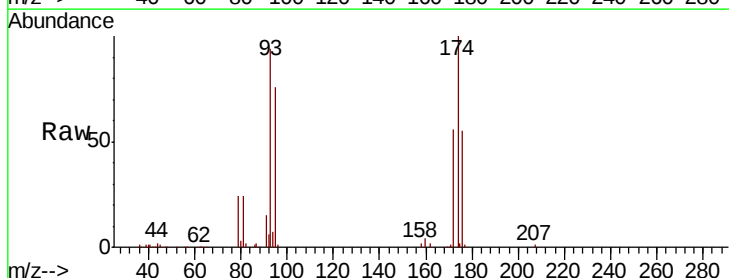
Tgt Ion: 93 Resp: 42244

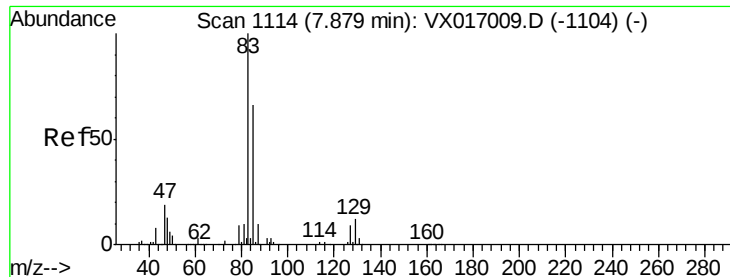
Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

174 111.9 84.3 126.5





#47

Bromodichloromethane

Concen: 19.681 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :

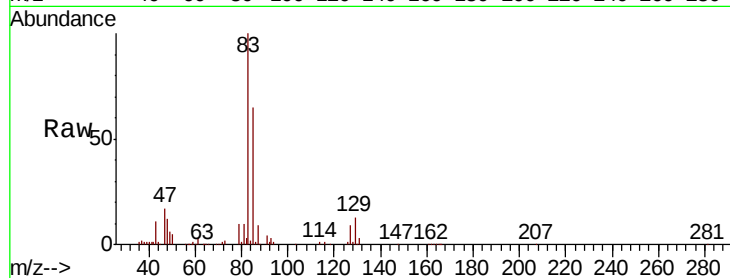
Tot Ion: 83 Resp: 88389

Ion Ratio Lower Upper

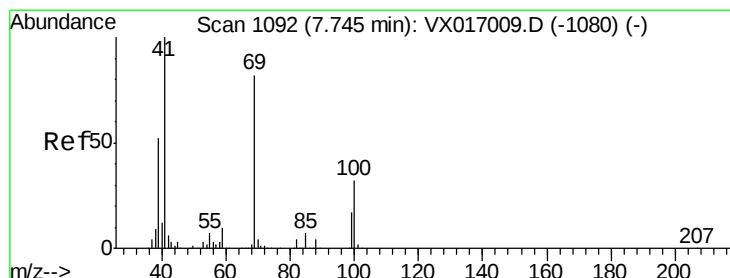
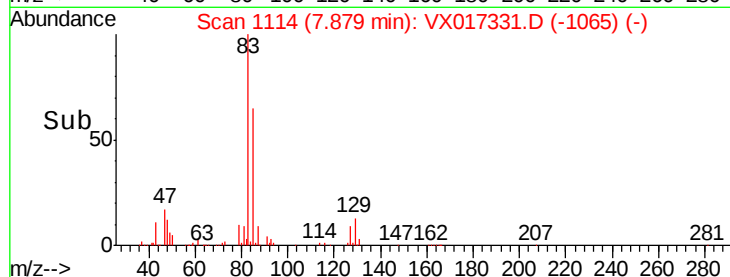
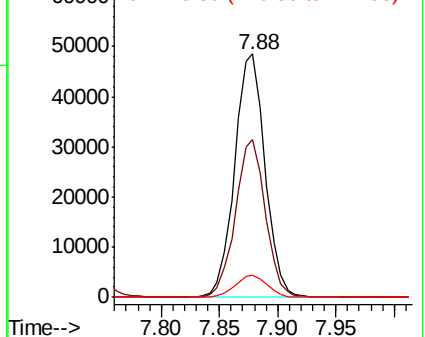
83 100

85 64.9 53.0 79.4

127 8.9 7.5 11.3



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: 18.880 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

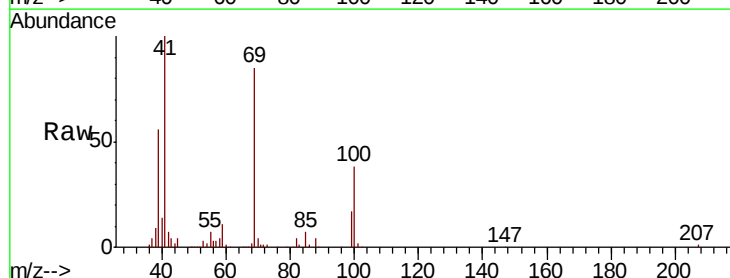
Tgt Ion: 41 Resp: 63966

Ion Ratio Lower Upper

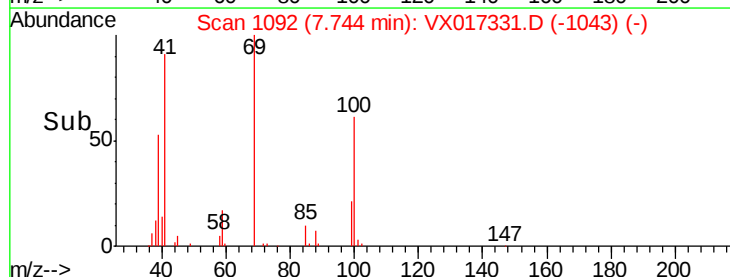
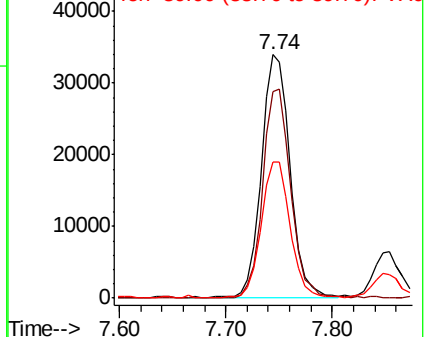
41 100

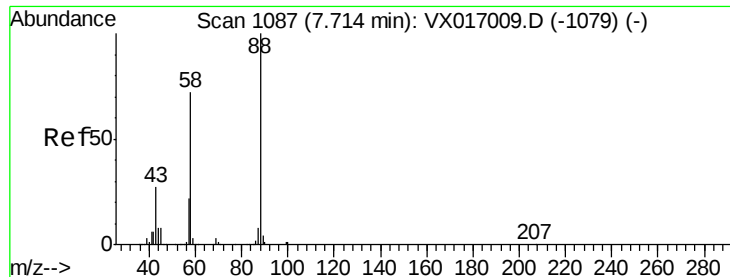
69 84.3 65.8 98.8

39 56.2 42.5 63.7



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

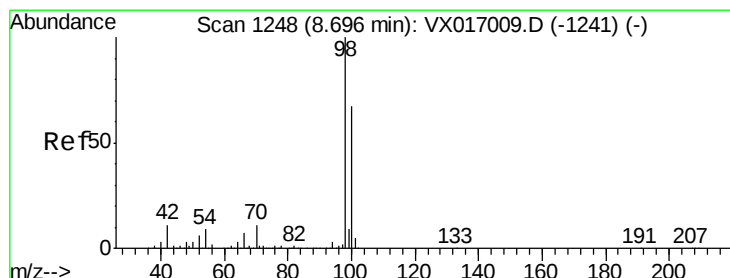
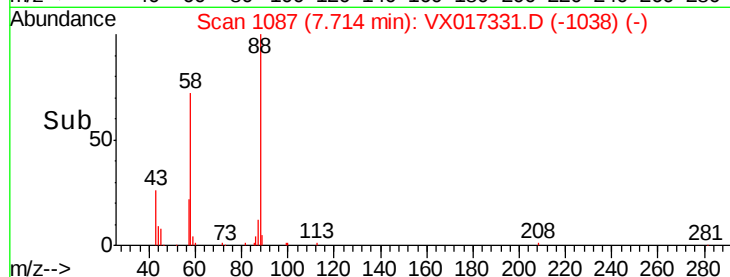
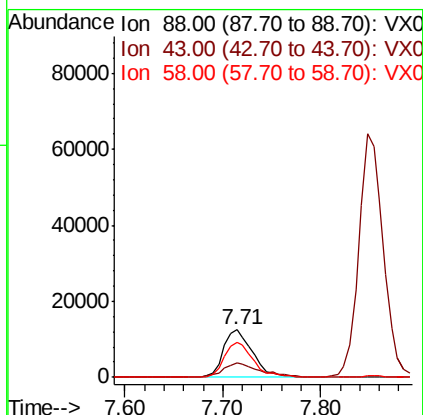
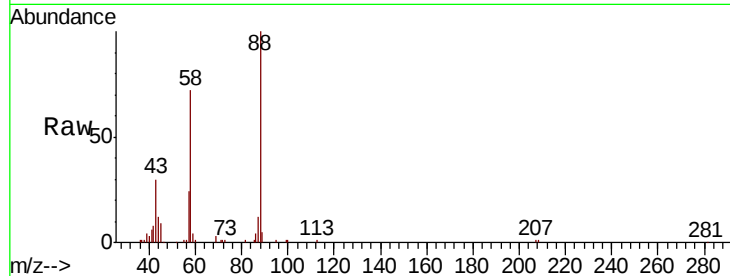




#49
1,4-Dioxane
Concen: 338.895 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

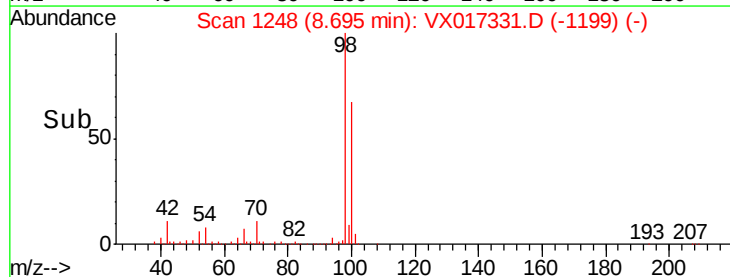
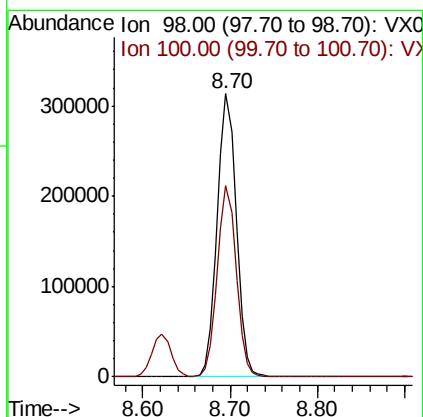
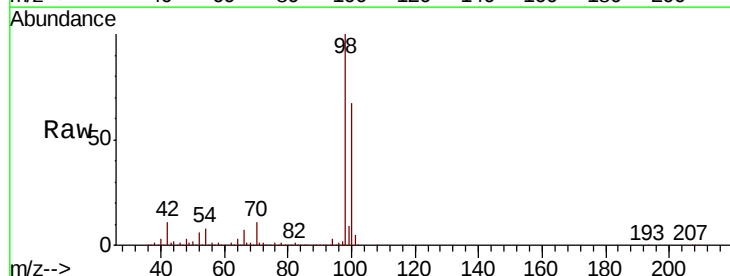
Instrument :
MSVOA_X
ClientSampleId :

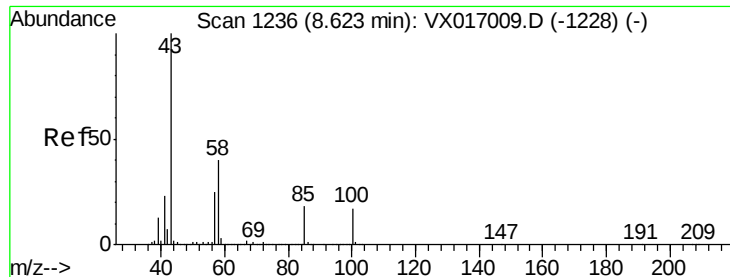
Tot Ion: 88 Resp: 26012
Ion Ratio Lower Upper
88 100
43 34.8 25.8 38.8
58 72.5 54.8 82.2



#50
Toluene-d8
Concen: 45.574 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 98 Resp: 477091
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 98.736 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

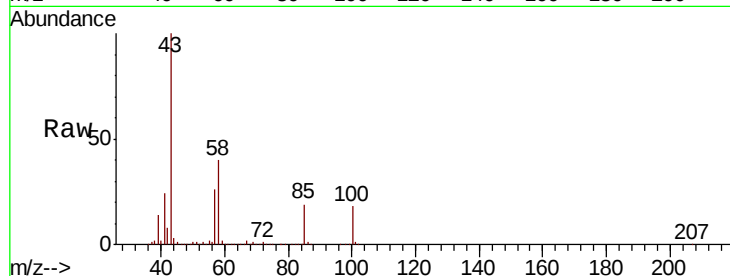
ClientSampleId :

Tot Ion: 43 Resp: 419722

Ion Ratio Lower Upper

43 100

58 39.8 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

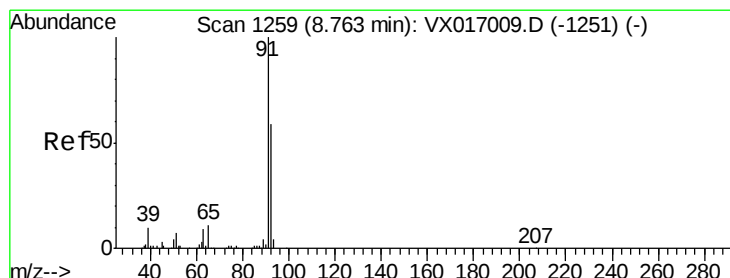
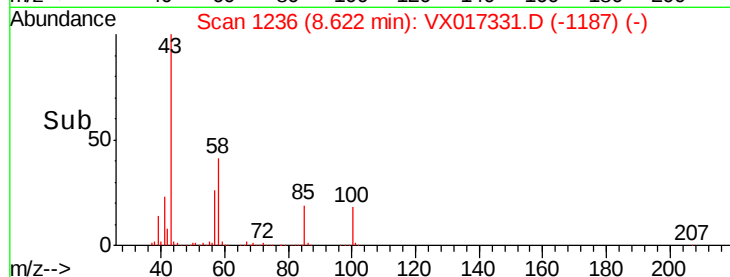
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.161 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017331.D

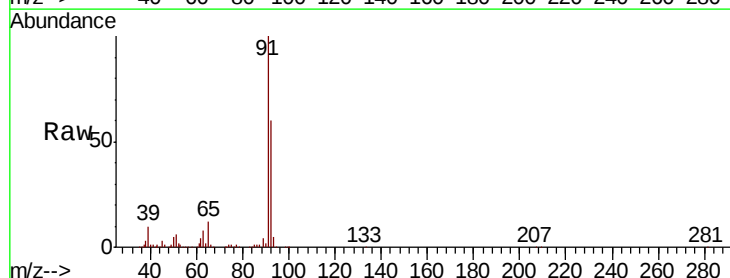
Acq: 10 Jul 2020 13:29

Tgt Ion: 92 Resp: 148670

Ion Ratio Lower Upper

92 100

91 166.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

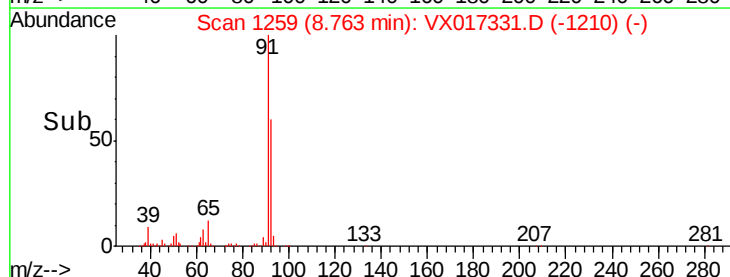
150000

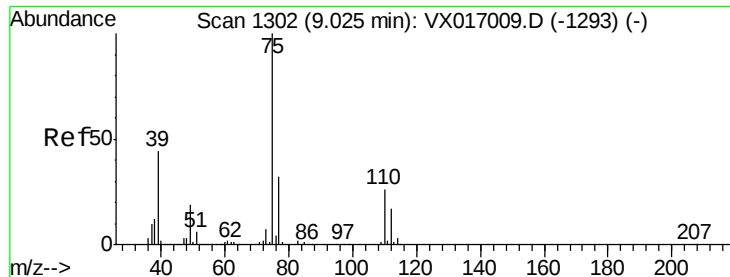
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.260 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

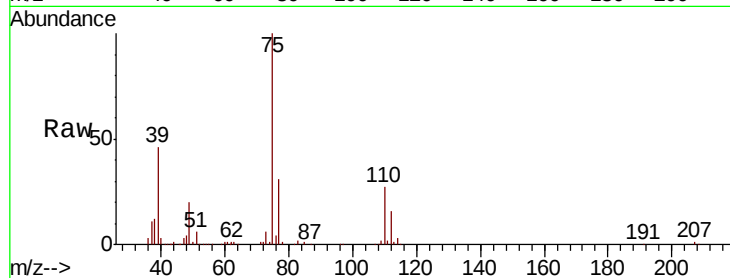
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 95433

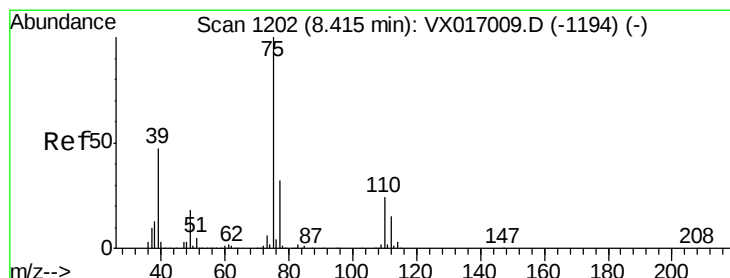
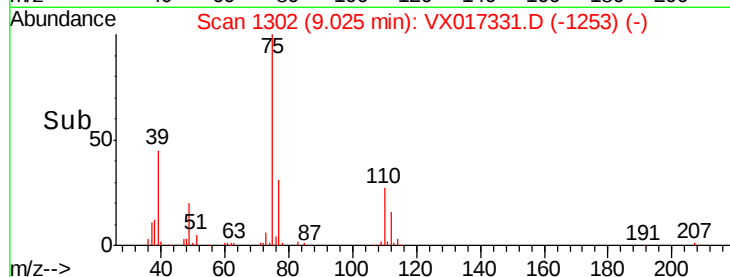
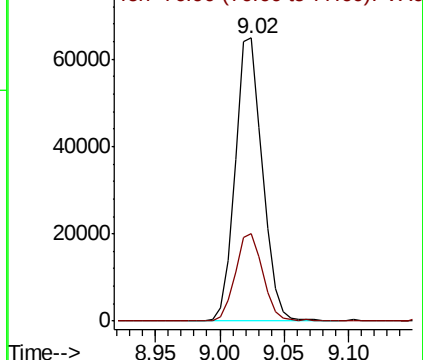
Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.361 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

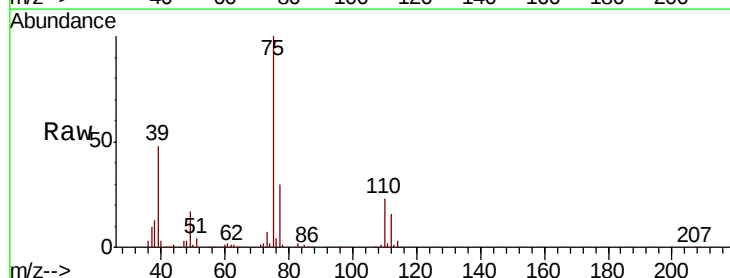
Tgt Ion: 75 Resp: 102841

Ion Ratio Lower Upper

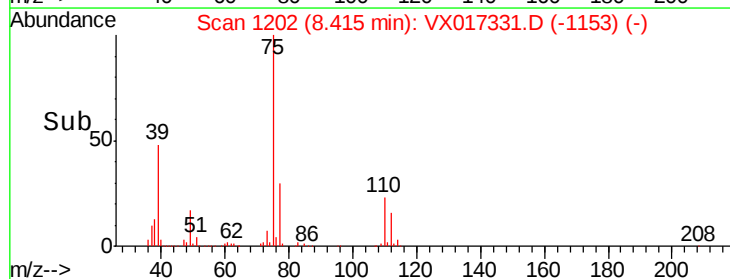
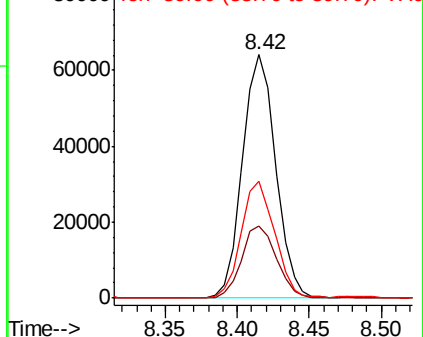
75 100

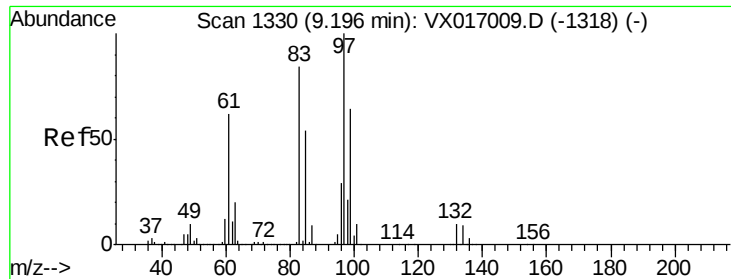
77 29.8 25.2 37.8

39 47.8 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

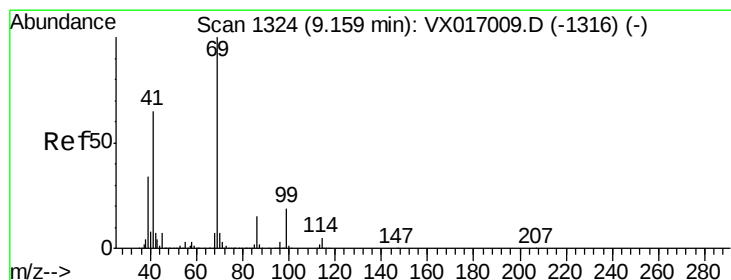
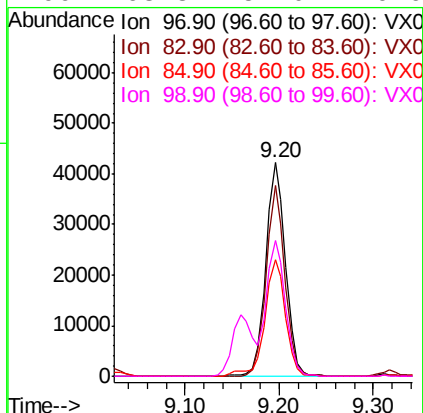
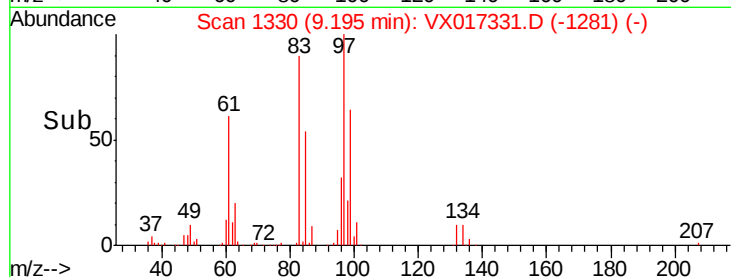
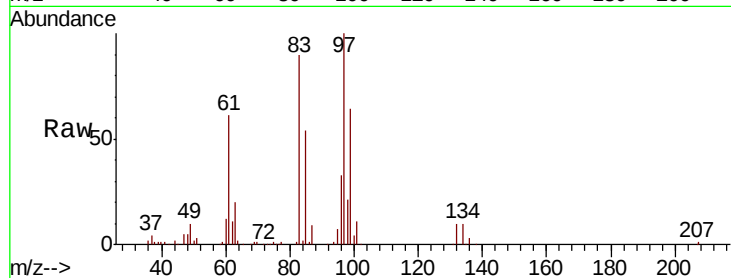




#55
 1,1,2-Trichloroethane
 Concen: 19.598 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

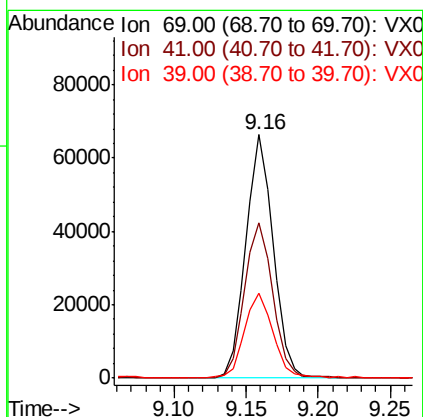
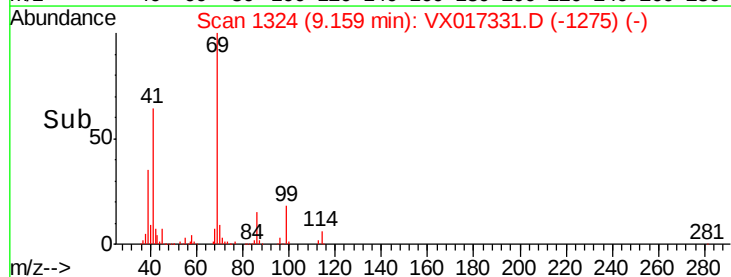
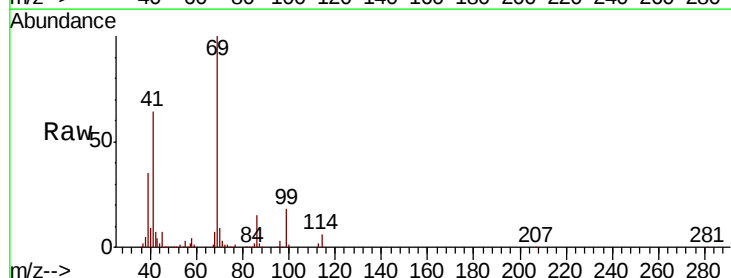
Instrument :
 MSVOA_X
 ClientSampleId :

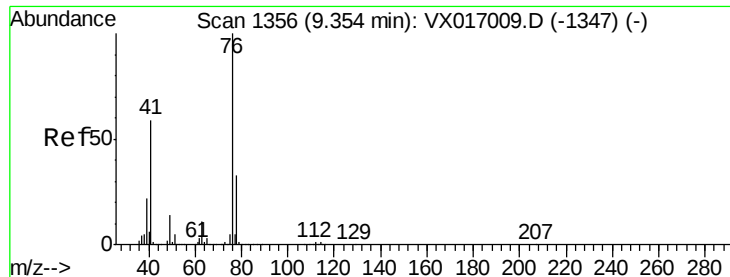
Tot Ion:	97	Resp:	62130
Ion	Ratio	Lower	Upper
97	100		
83	89.6	67.0	100.6
85	54.5	43.5	65.3
99	63.8	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 19.373 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Tgt Ion:	69	Resp:	87413
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.6	80.4
39	36.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.275 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

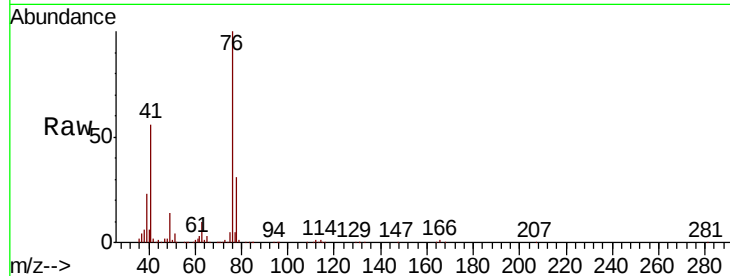
ClientSampleId :

Tot Ion: 76 Resp: 103397

Ion Ratio Lower Upper

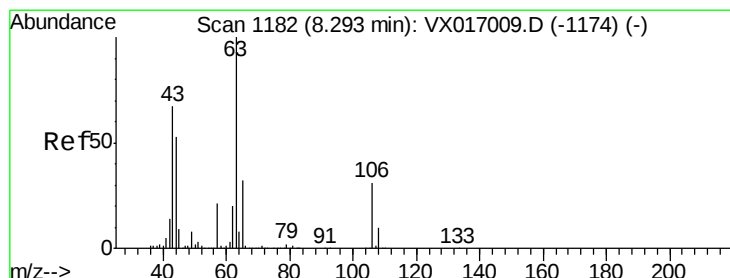
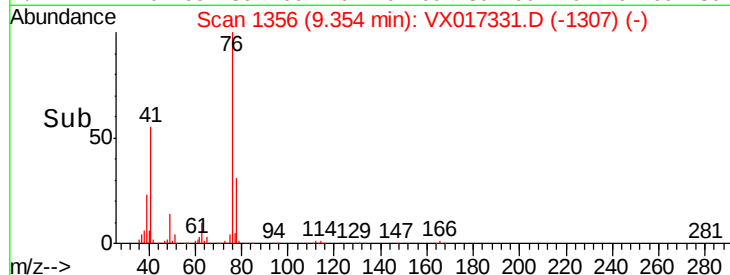
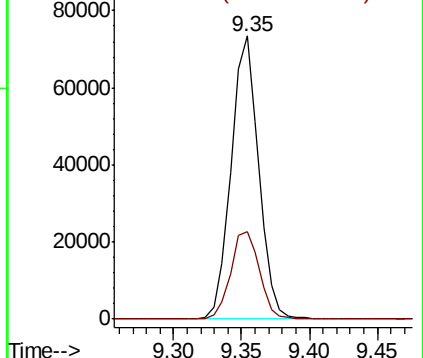
76 100

78 32.5 25.9 38.9



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: 90.012 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017331.D

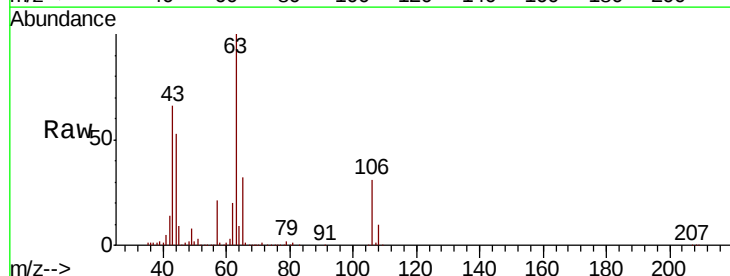
Acq: 10 Jul 2020 13:29

Tgt Ion: 63 Resp: 202138

Ion Ratio Lower Upper

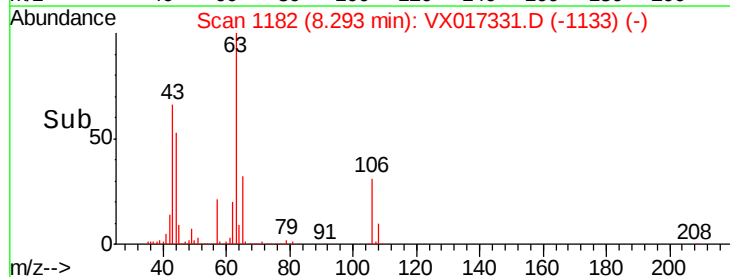
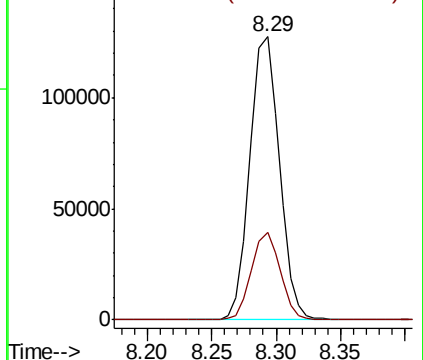
63 100

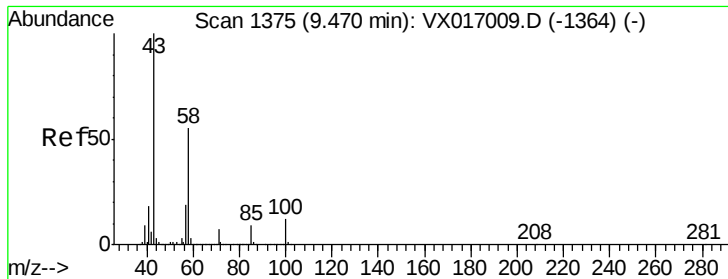
106 30.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

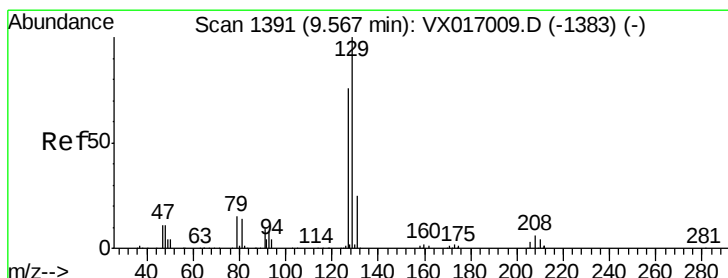
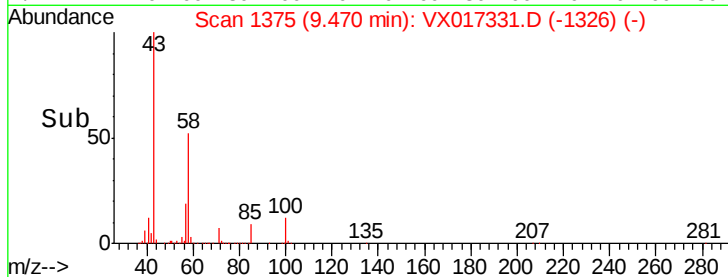
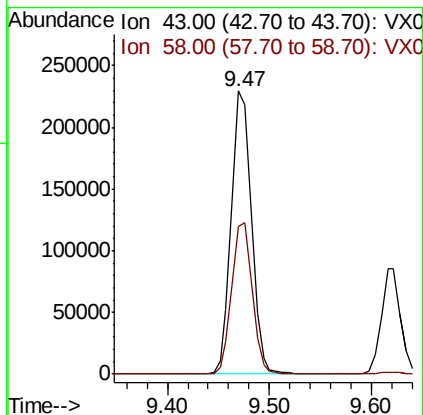
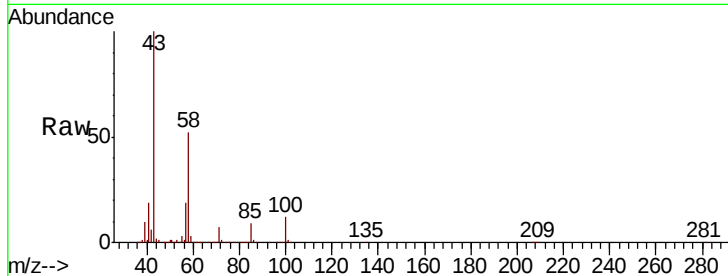




#59
2-Hexanone
Concen: 101.038 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

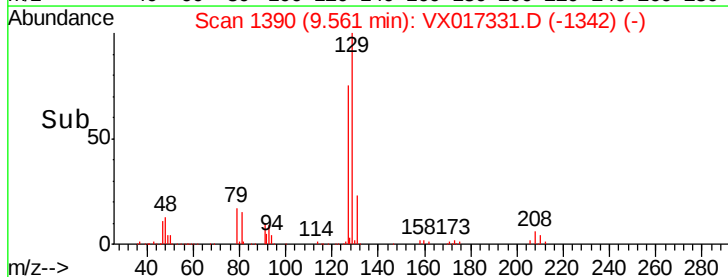
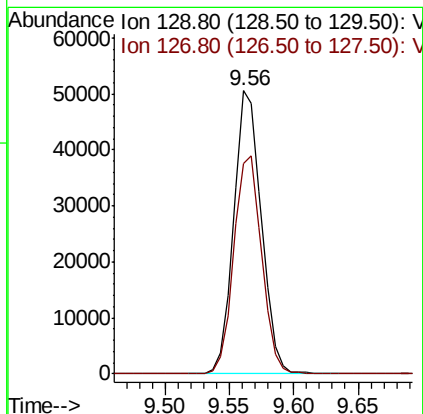
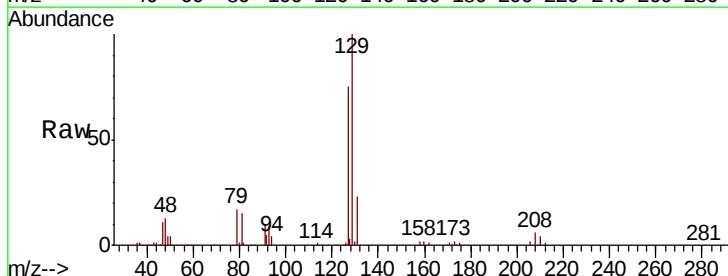
Instrument :
MSVOA_X
ClientSampleId :

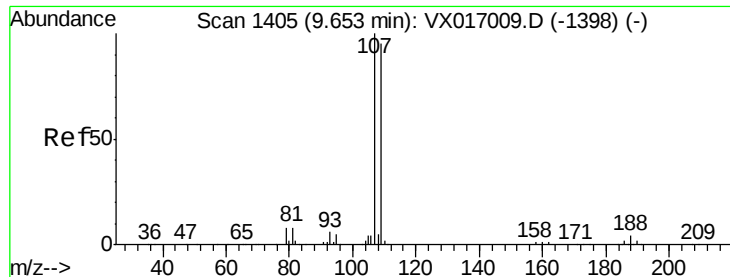
Tot Ion: 43 Resp: 313684
Ion Ratio Lower Upper
43 100
58 54.5 27.9 83.6



#60
Dibromochloromethane
Concen: 20.452 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 129 Resp: 75304
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.577 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

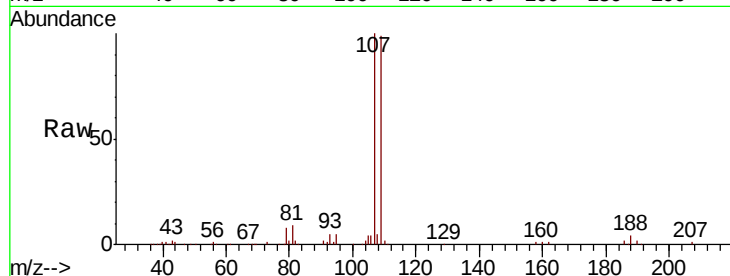
ClientSampled :

Tot Ion:107 Resp: 66709

Ion Ratio Lower Upper

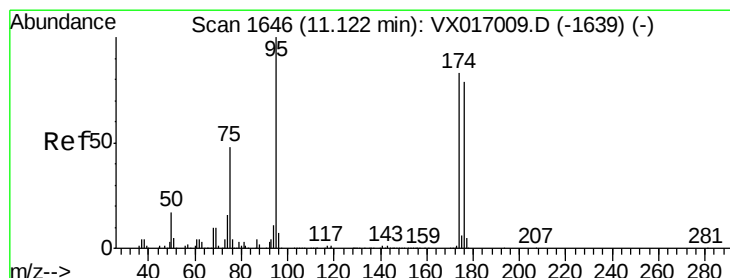
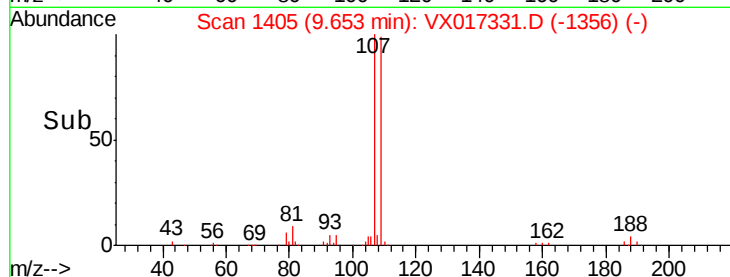
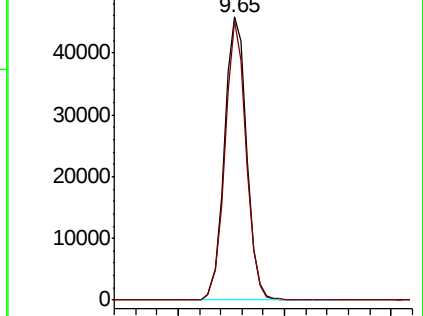
107 100

109 94.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.614 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

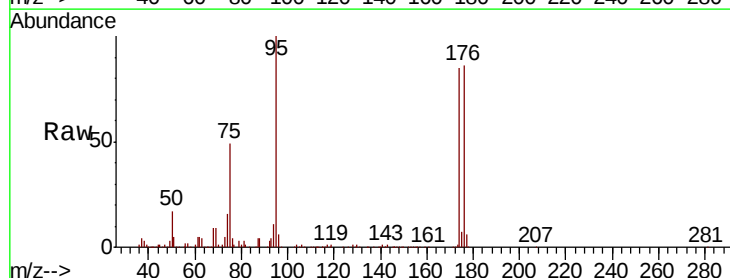
Tgt Ion: 95 Resp: 186661

Ion Ratio Lower Upper

95 100

174 83.9 0.0 164.0

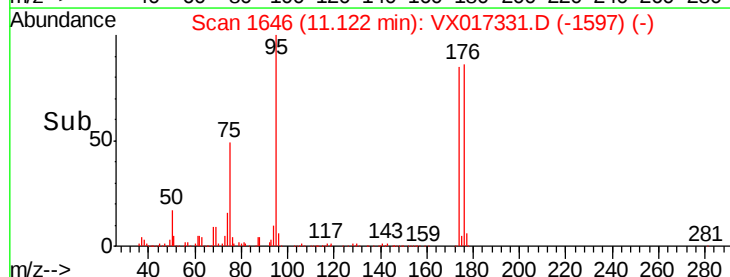
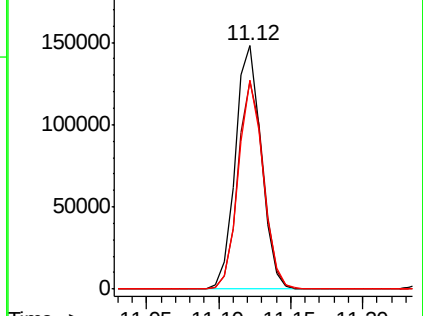
176 82.0 0.0 157.6

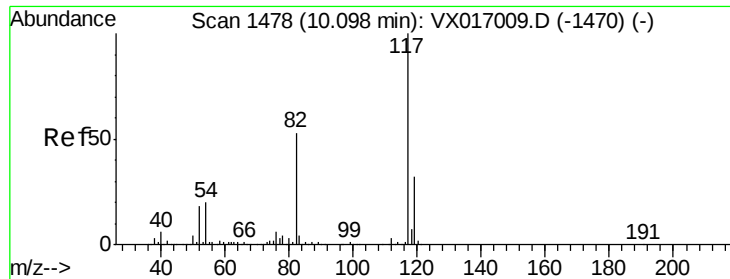


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

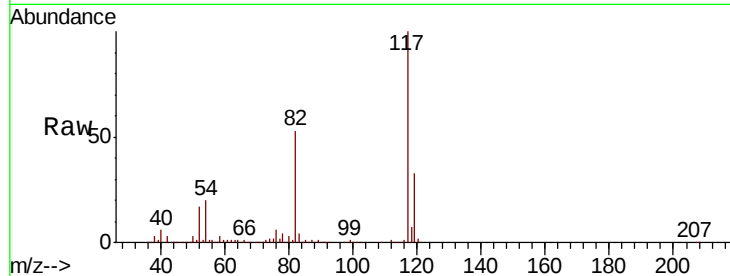




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	63.8
119	32.5	25.4	38.2

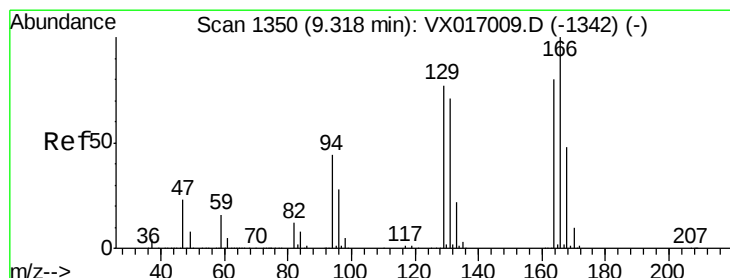
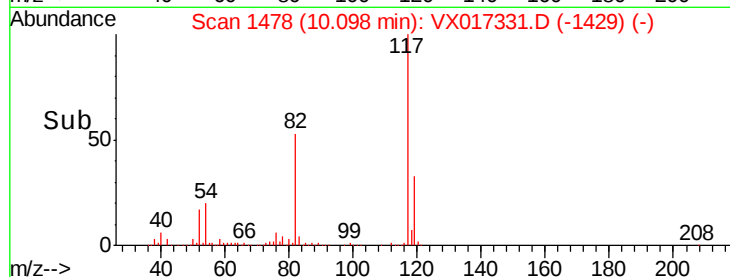
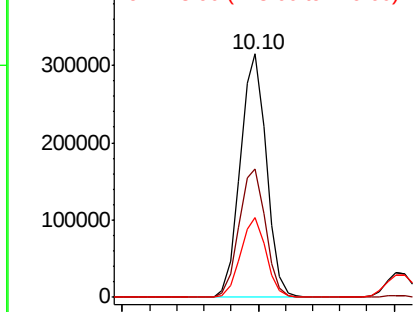


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.360 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	99.4	149.0
129	92.3	76.3	114.5
131	85.3	70.6	105.8

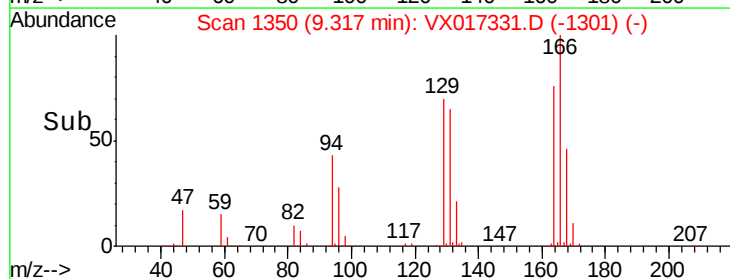
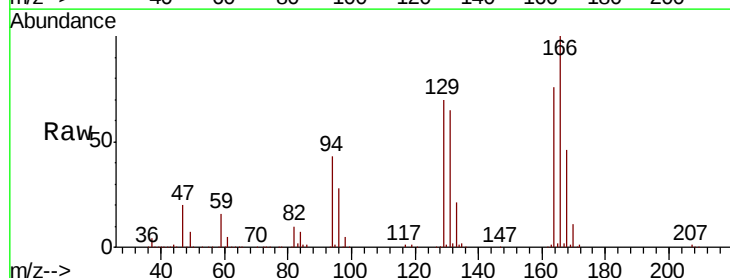
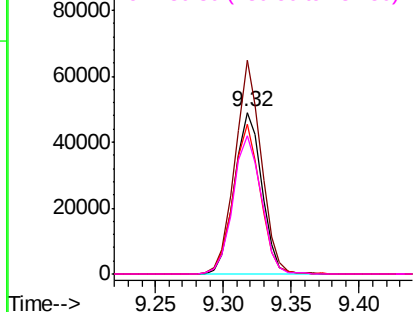
Abundance

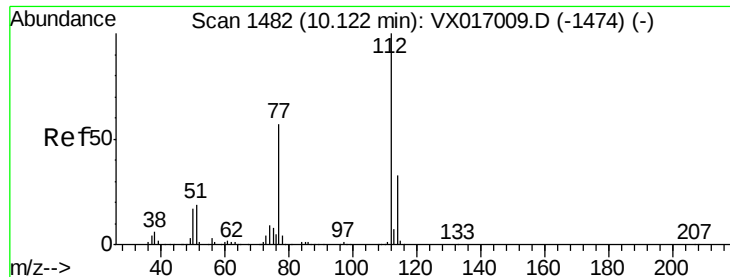
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

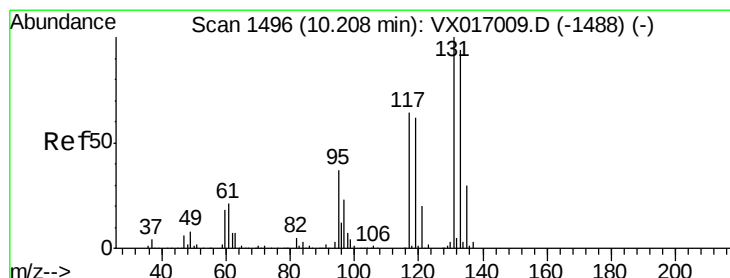
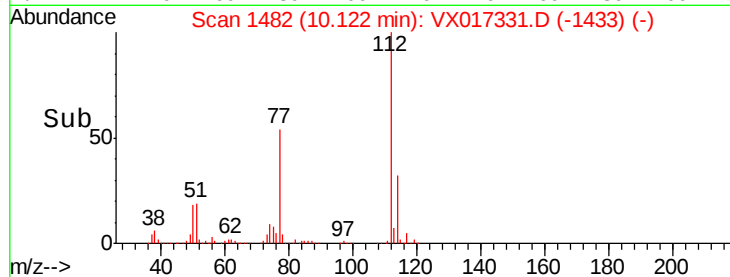
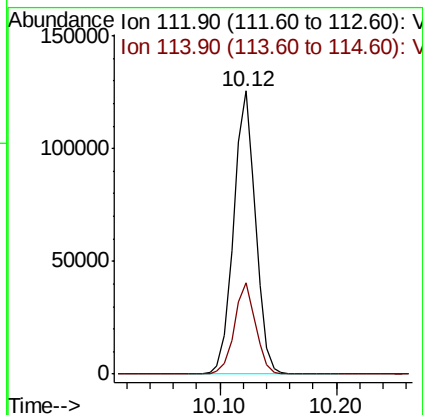
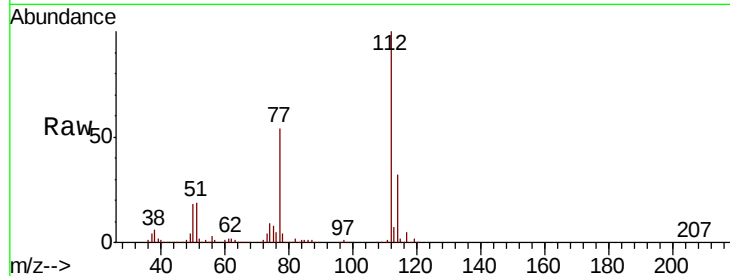




#65
Chlorobenzene
Concen: 18.938 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

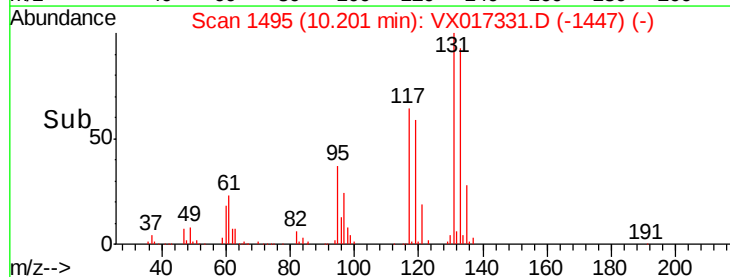
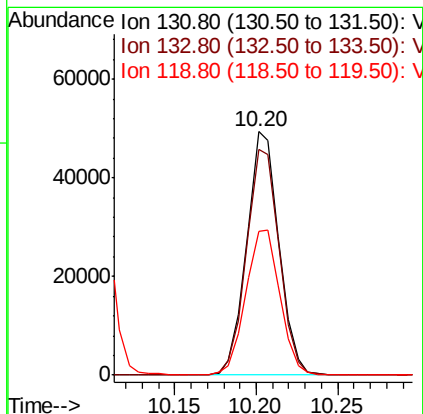
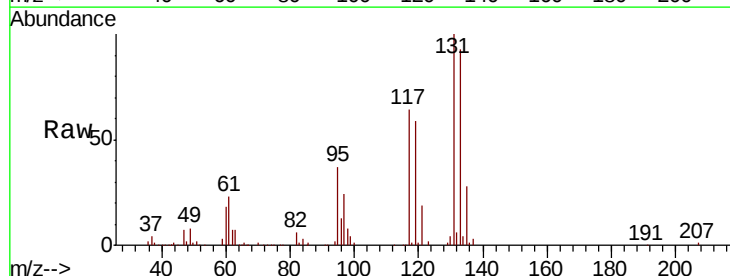
Instrument :
MSVOA_X
ClientSampleId :

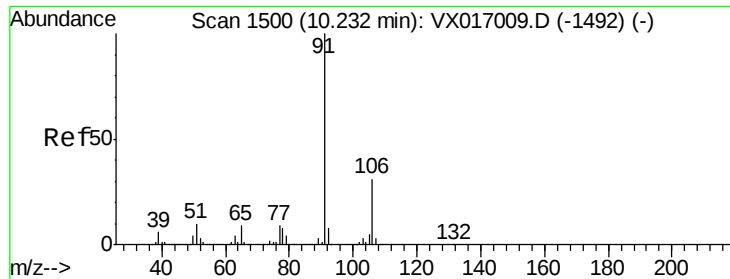
Tot Ion:112 Resp: 164454
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.395 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion:131 Resp: 68255
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 63.0 31.9 95.5





#67

Ethyl Benzene

Concen: 19.023 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

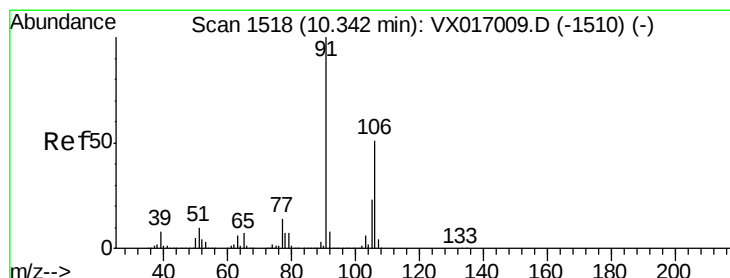
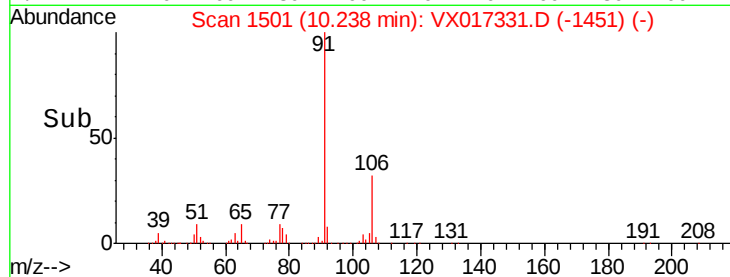
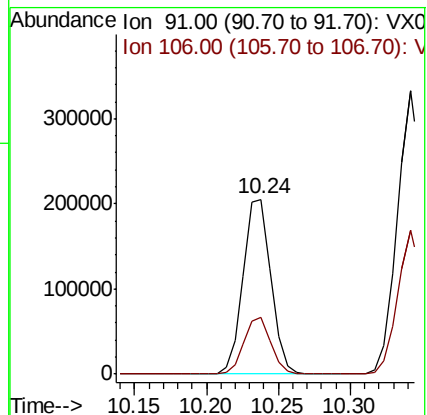
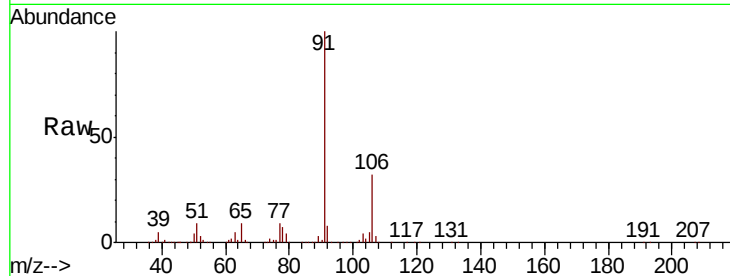
ClientSampled :

Tot Ion: 91 Resp: 275864

Ion Ratio Lower Upper

91 100

106 32.2 24.7 37.1



#68

m/p-Xylenes

Concen: 38.966 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017331.D

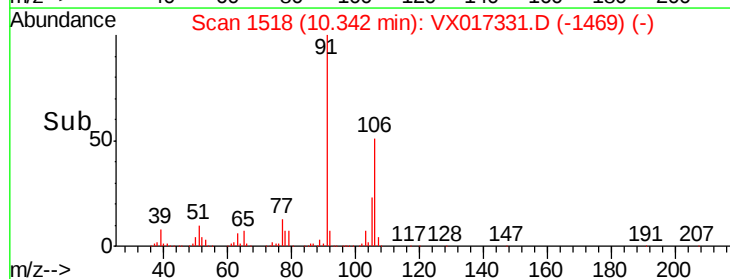
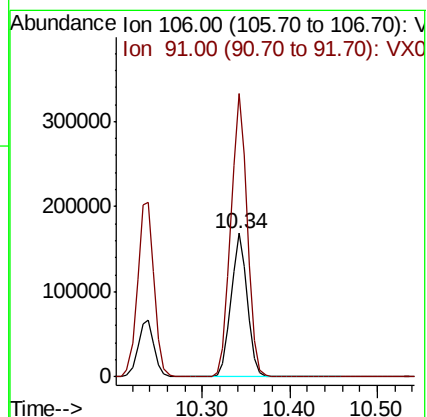
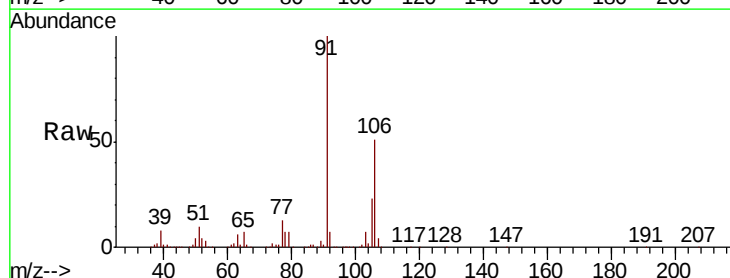
Acq: 10 Jul 2020 13:29

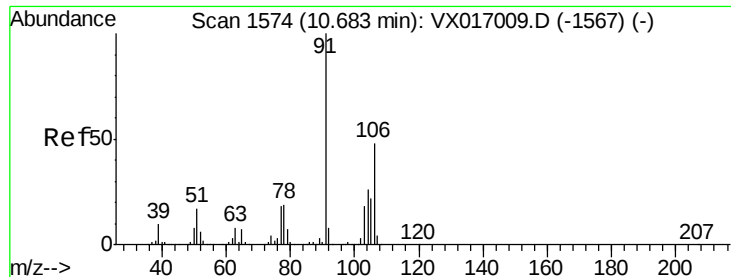
Tgt Ion: 106 Resp: 216973

Ion Ratio Lower Upper

106 100

91 199.7 158.6 238.0

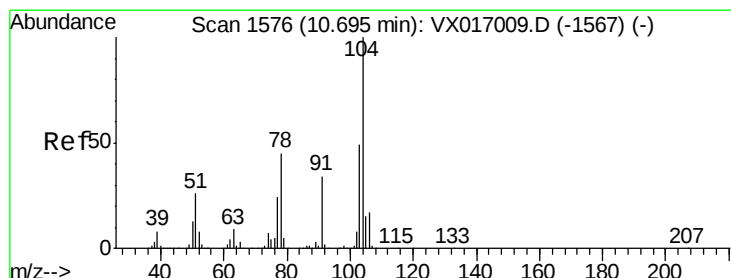
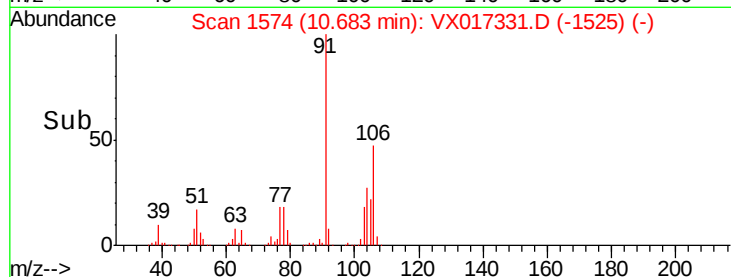
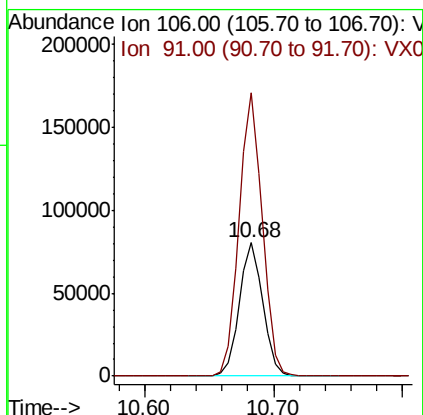
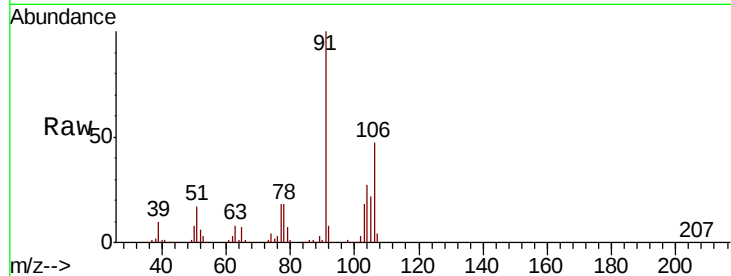




#69
o-Xylene
Concen: 19.101 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

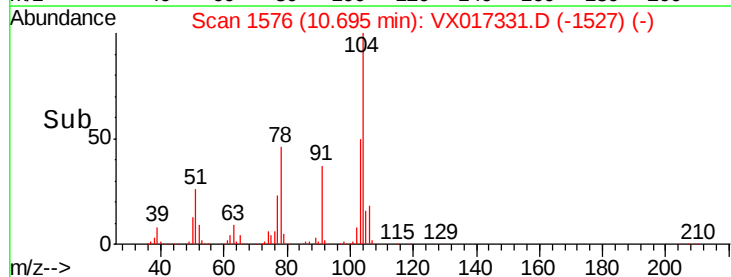
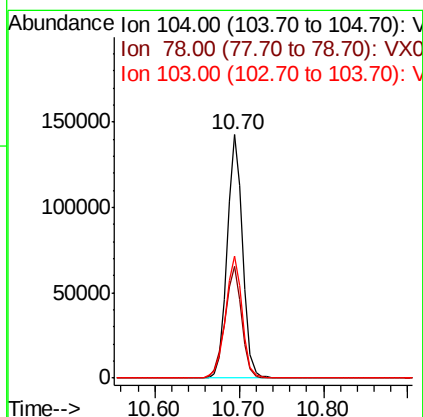
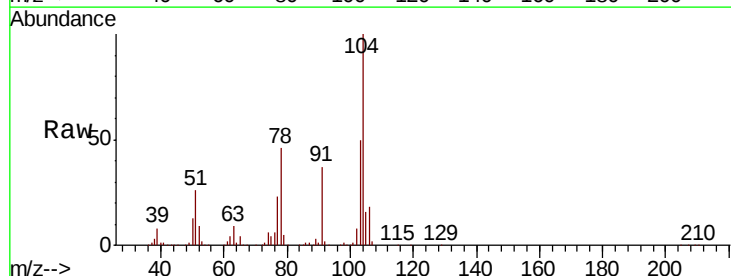
Instrument :
MSVOA_X
ClientSampleId :

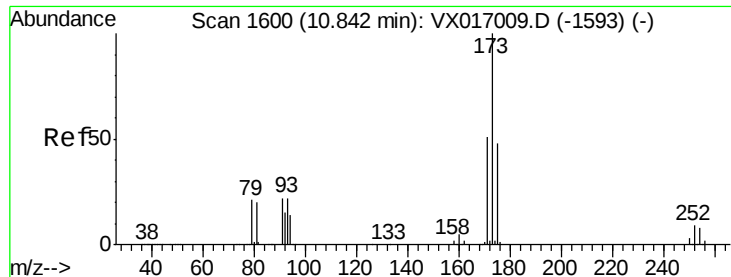
Tot Ion:106 Resp: 101181
Ion Ratio Lower Upper
106 100
91 211.5 105.6 316.7



#70
Styrene
Concen: 20.094 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion:104 Resp: 181252
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 53.6 43.0 64.6





#71

Bromoform

Concen: 21.326 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

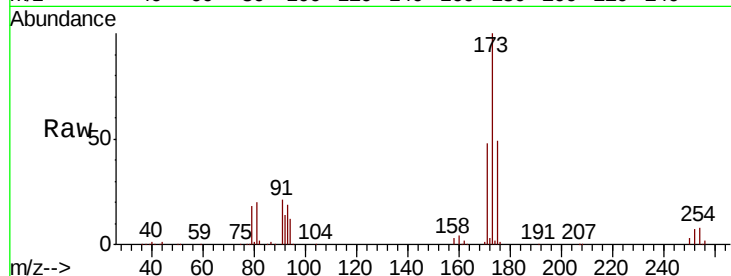
Tot Ion:173 Resp: 56597

Ion Ratio Lower Upper

173 100

175 49.9 24.5 73.5

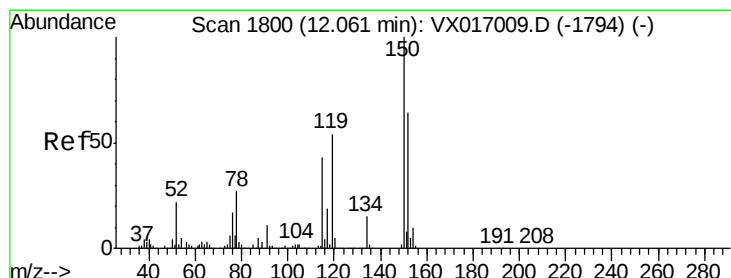
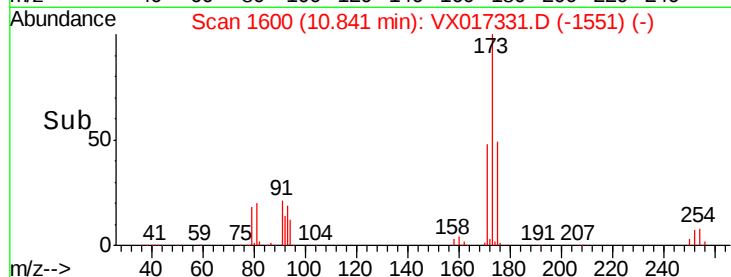
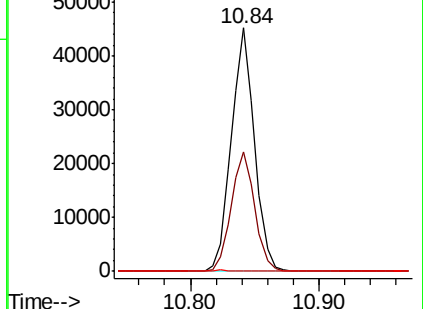
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

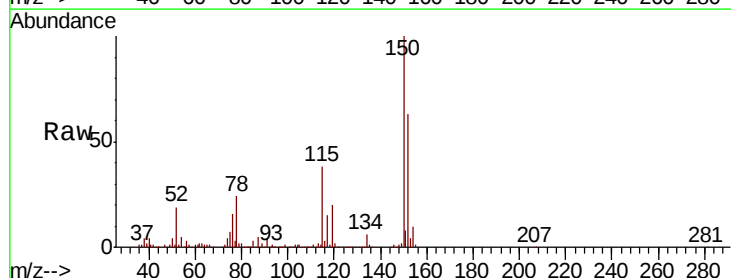
Tgt Ion:152 Resp: 227340

Ion Ratio Lower Upper

152 100

115 66.2 40.9 122.7

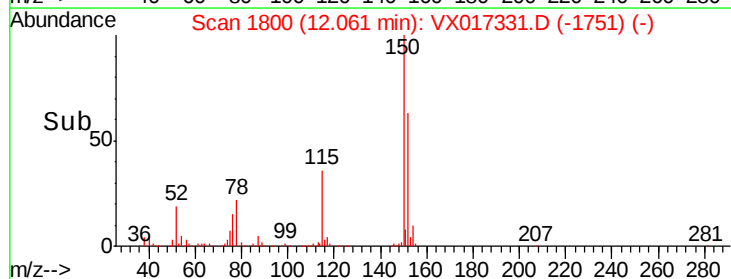
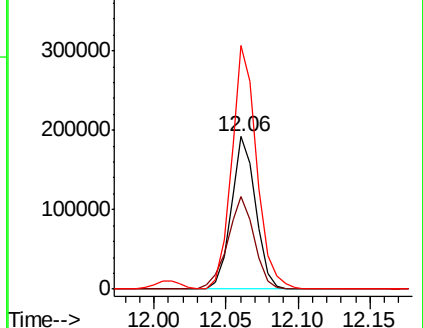
150 163.7 0.0 351.6

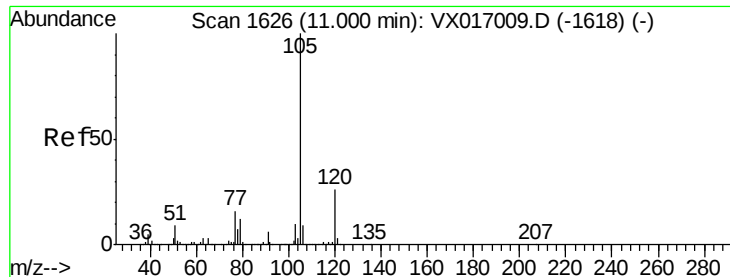


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.802 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

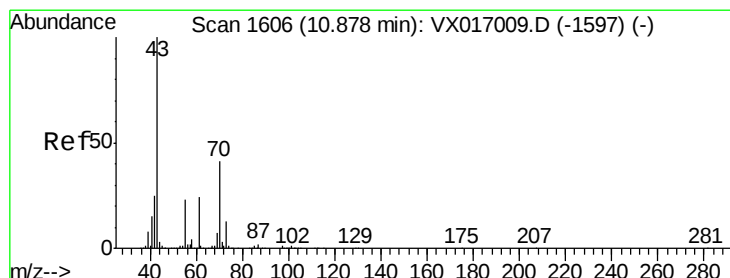
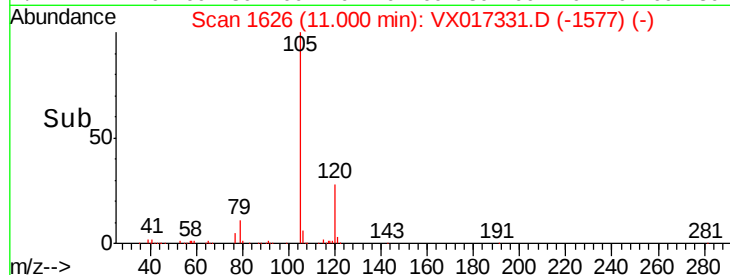
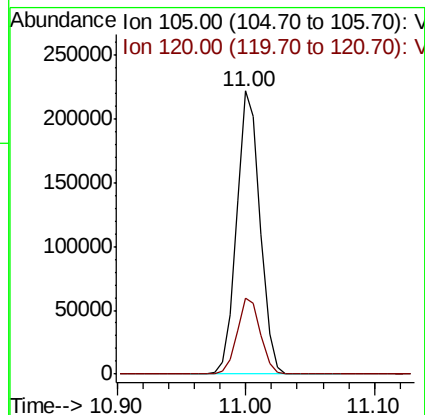
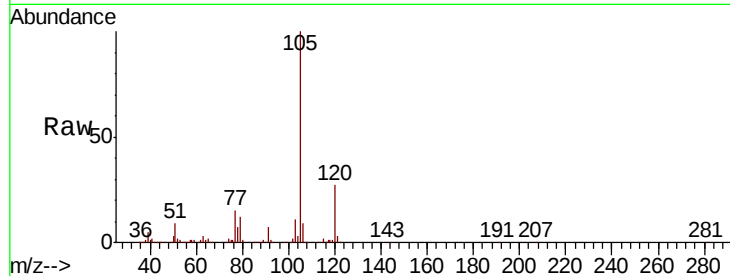
ClientSampleId :

Tot Ion: 105 Resp: 279981

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 17.773 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Tgt Ion: 43 Resp: 112925

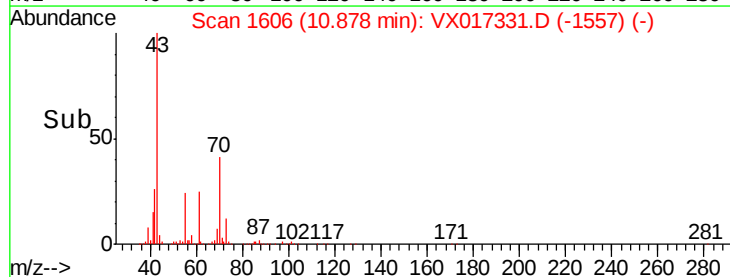
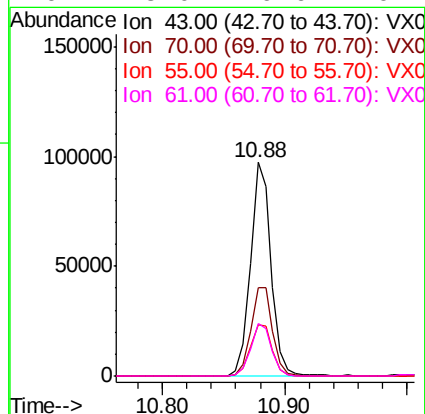
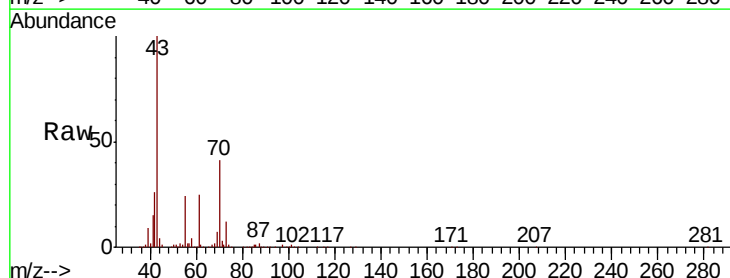
Ion Ratio Lower Upper

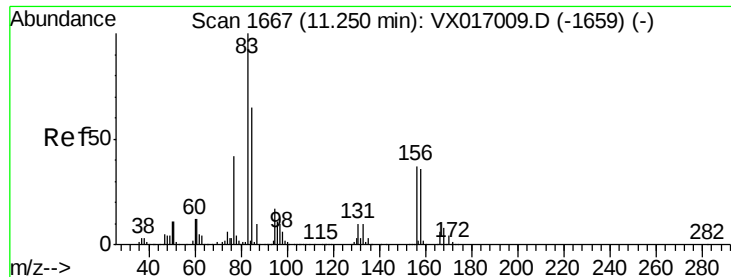
43 100

70 43.9 34.2 51.2

55 26.0 19.2 28.8

61 25.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.888 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

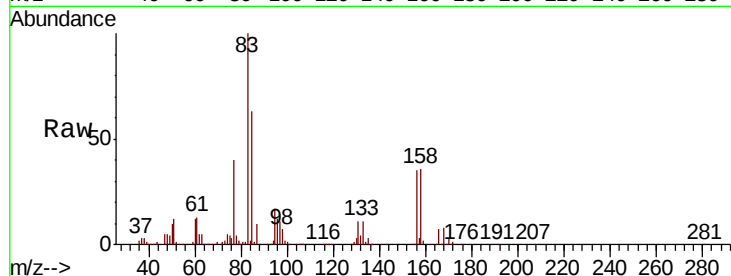
Tot Ion: 83 Resp: 88475

Ion Ratio Lower Upper

83 100

131 11.5 5.4 16.2

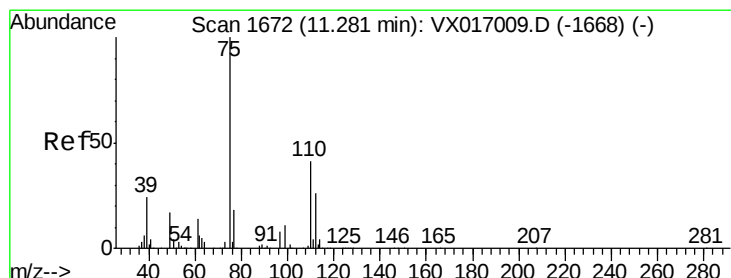
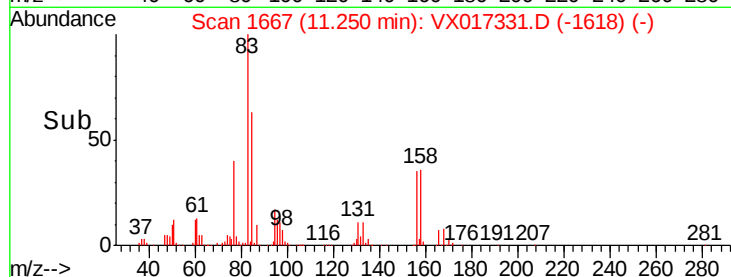
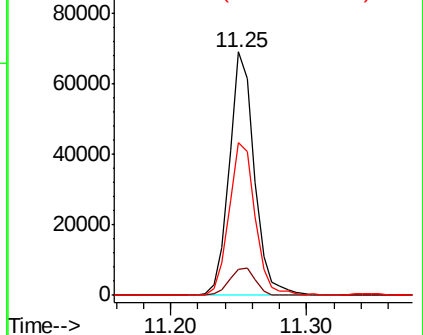
85 65.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.794 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017331.D

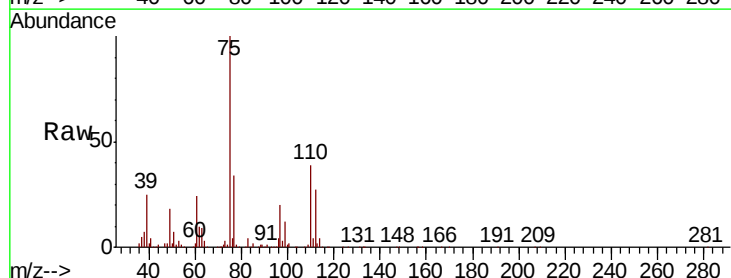
Acq: 10 Jul 2020 13:29

Tgt Ion: 75 Resp: 110840

Ion Ratio Lower Upper

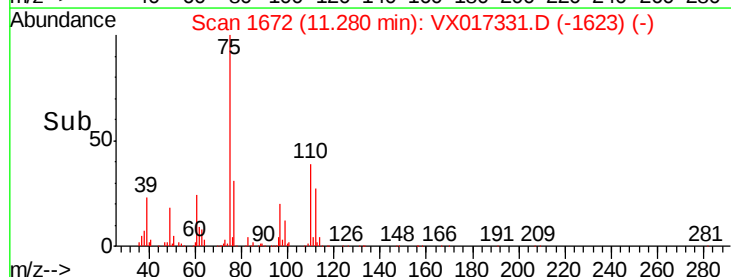
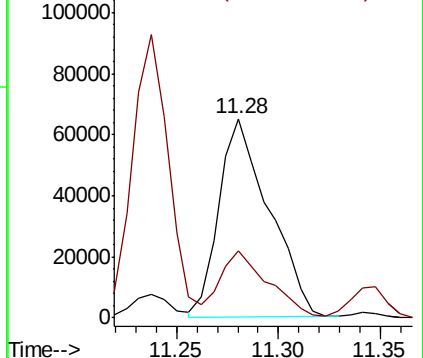
75 100

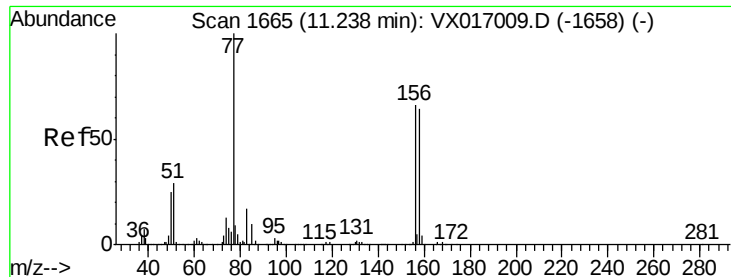
77 32.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.818 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

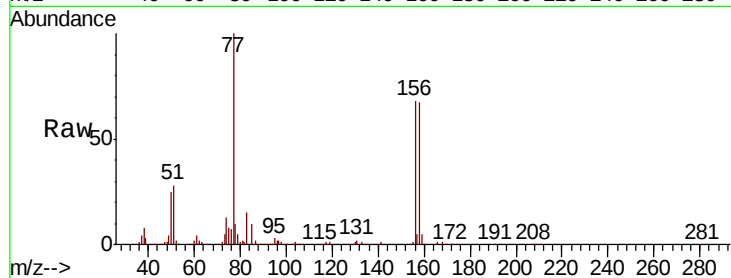
Tot Ion:156 Resp: 77015

Ion Ratio Lower Upper

156 100

77 150.3 76.9 230.7

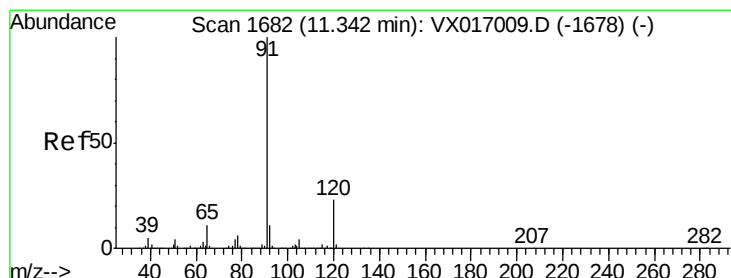
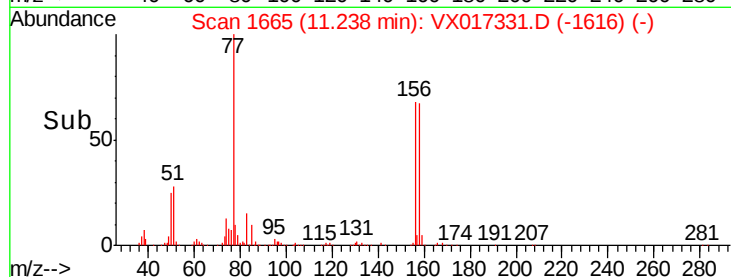
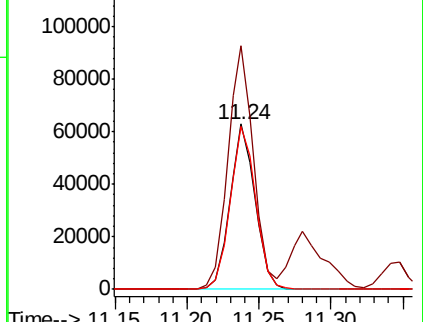
158 99.9 47.9 143.6



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: 18.718 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017331.D

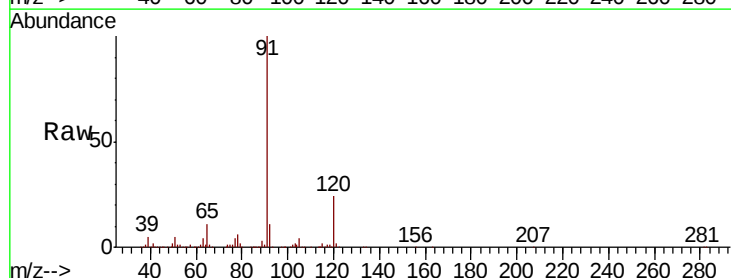
Acq: 10 Jul 2020 13:29

Tgt Ion: 91 Resp: 315192

Ion Ratio Lower Upper

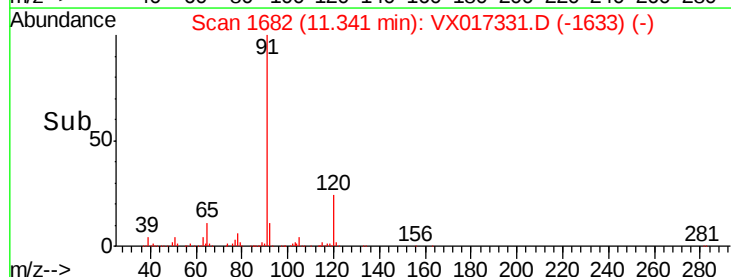
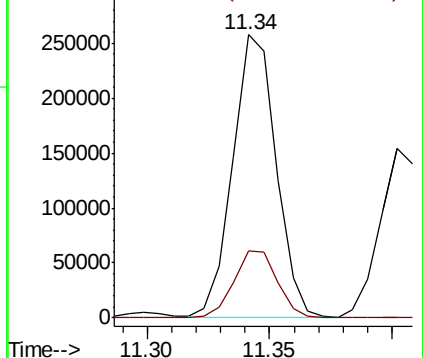
91 100

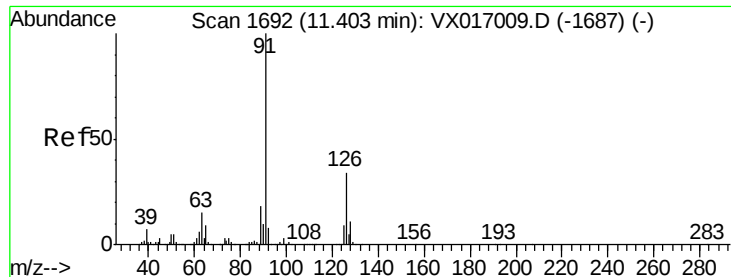
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

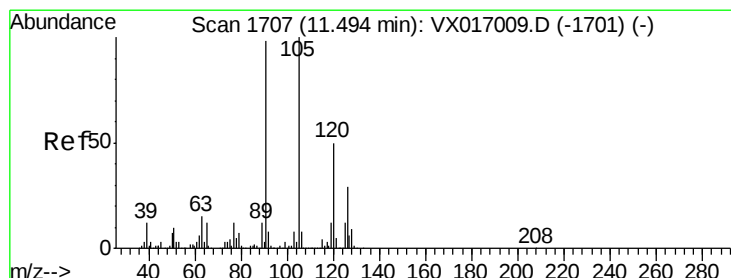
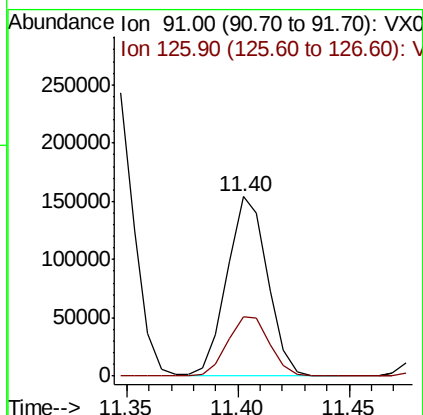
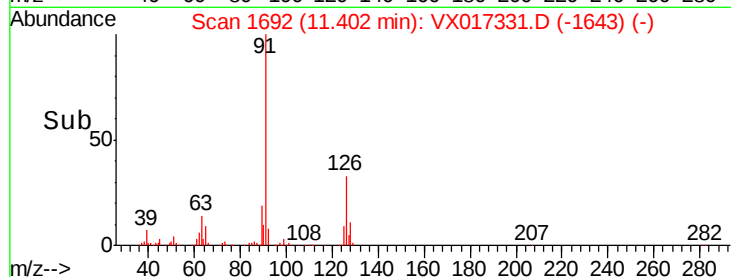
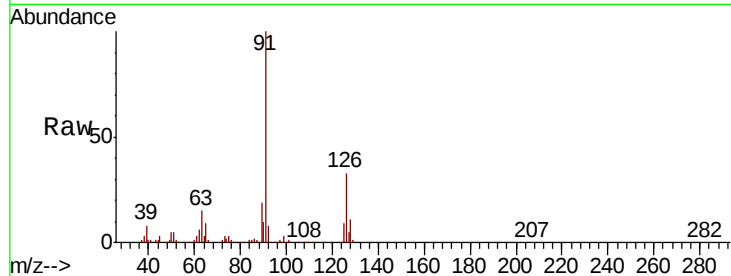




#79
 2-Chlorotoluene
 Concen: 19.058 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

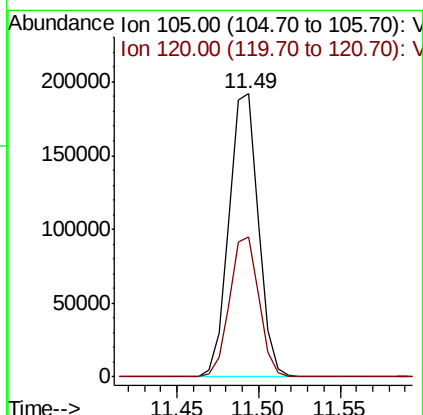
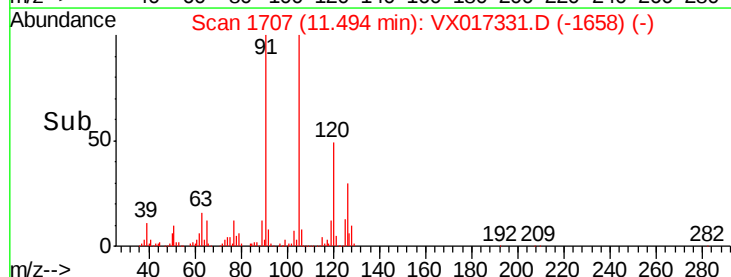
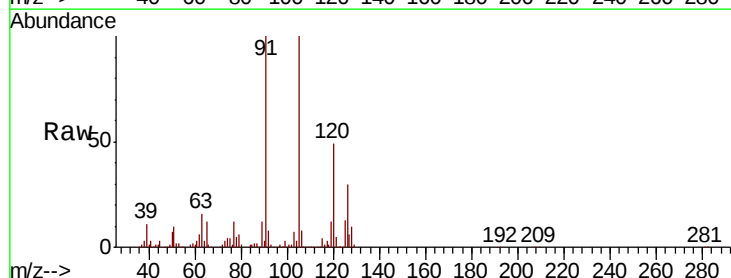
Instrument :
 MSVOA_X
 ClientSampleId :

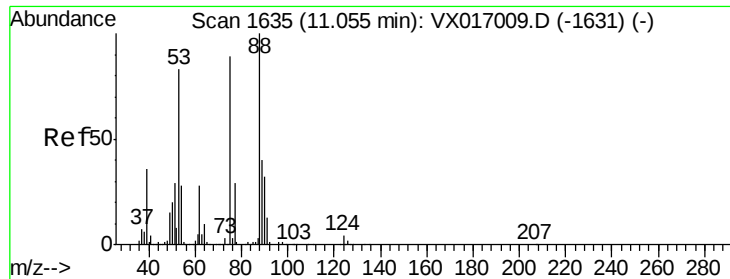
Tot Ion: 91 Resp: 194223
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.399 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Tgt Ion: 105 Resp: 239615
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6

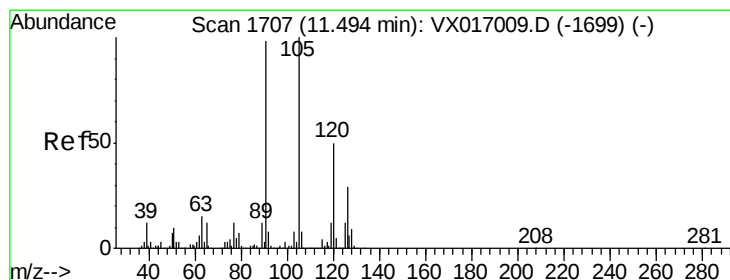
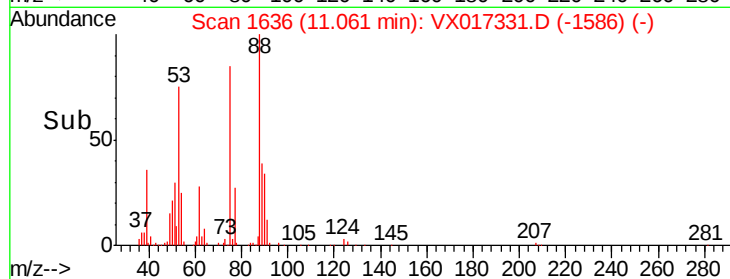
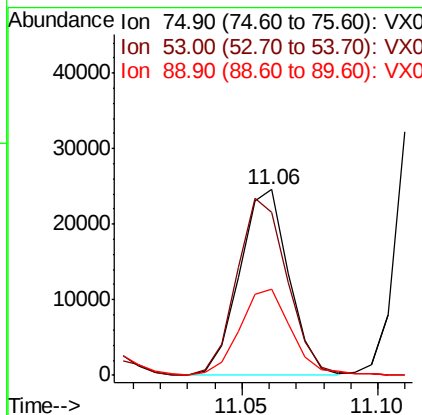
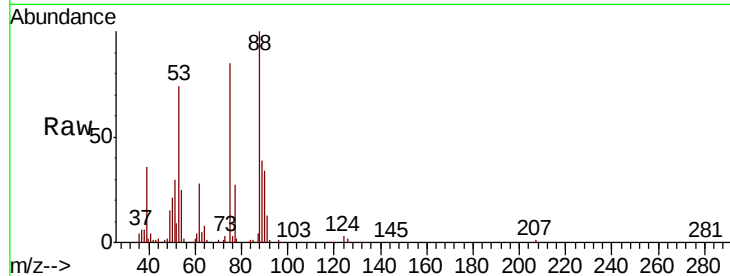




#81
trans-1,4-Dichloro-2-butene
Concen: 17.911 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

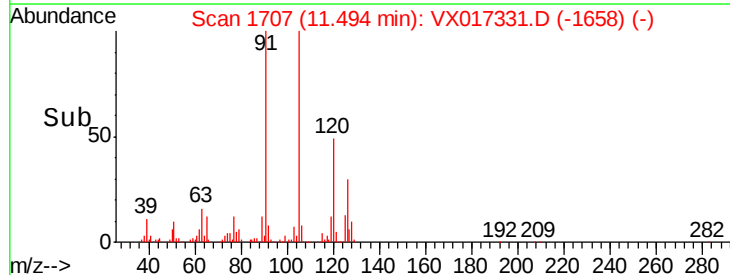
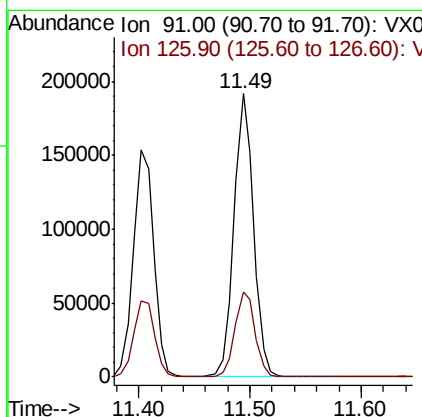
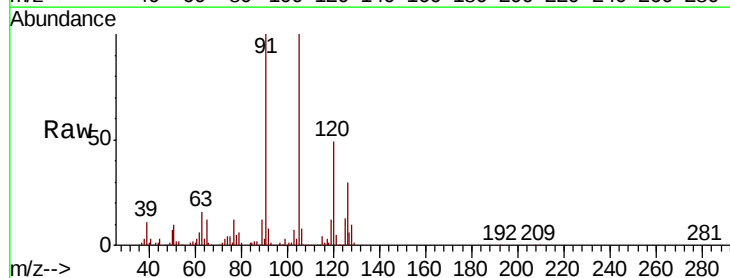
Instrument :
MSVOA_X
ClientSampleId :

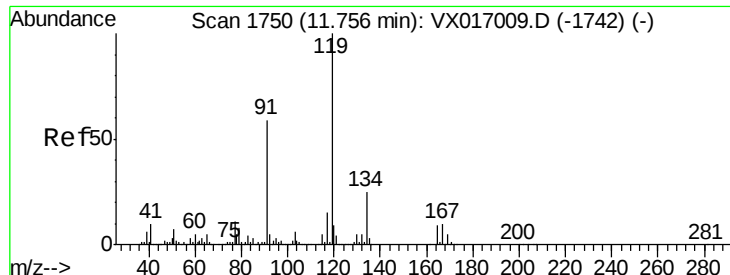
Tot Ion: 75 Resp: 30920
Ion Ratio Lower Upper
75 100
53 97.2 72.4 108.6
89 48.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.045 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 91 Resp: 232023
Ion Ratio Lower Upper
91 100
126 31.0 15.2 45.5

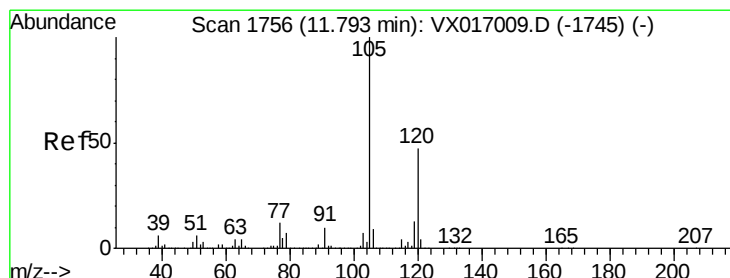
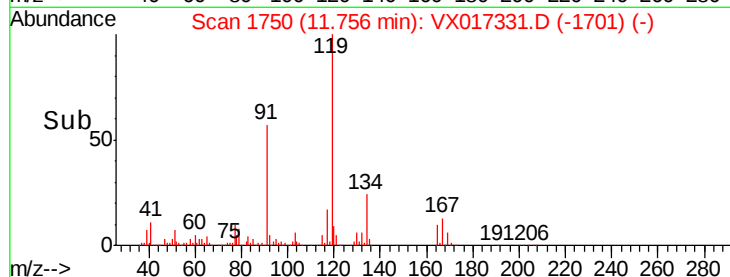
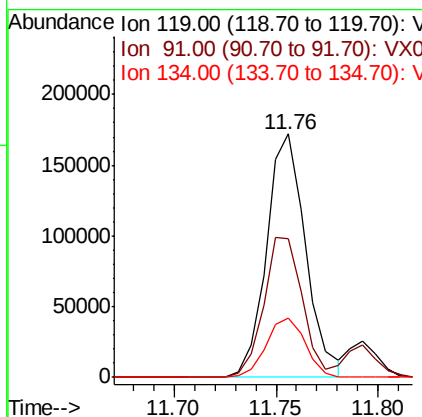
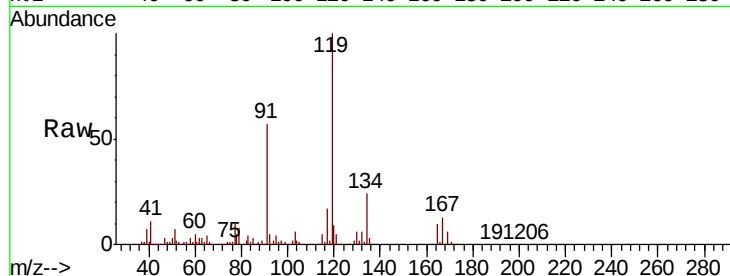




#83
tert-Butylbenzene
Concen: 18.953 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

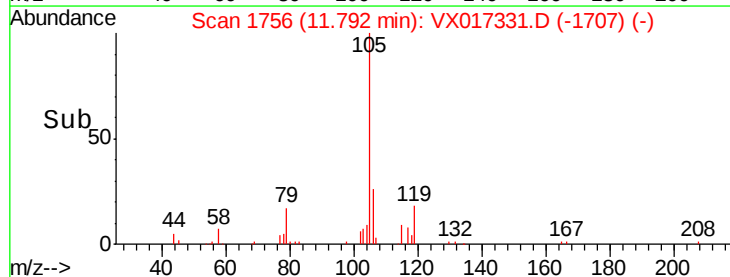
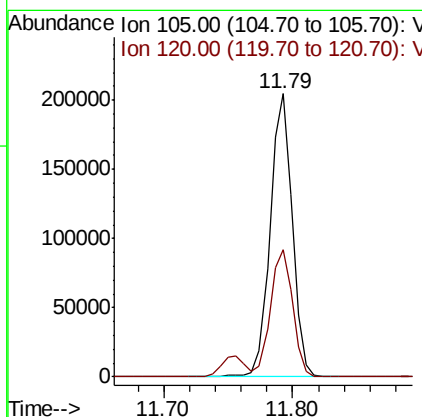
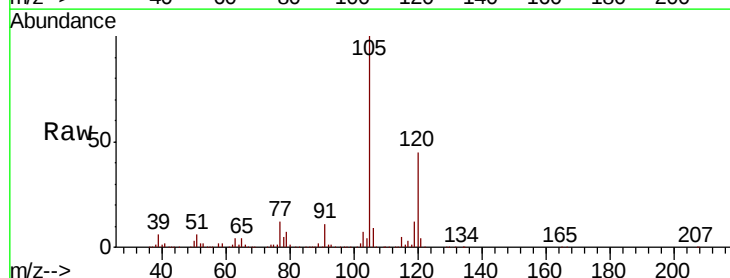
Instrument :
MSVOA_X
ClientSampled :

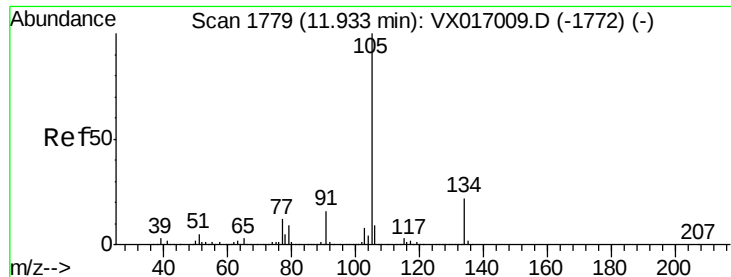
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	28.3	84.9
134	24.3	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.559 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.9	68.5





#85

sec-Butylbenzene

Concen: 18.911 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

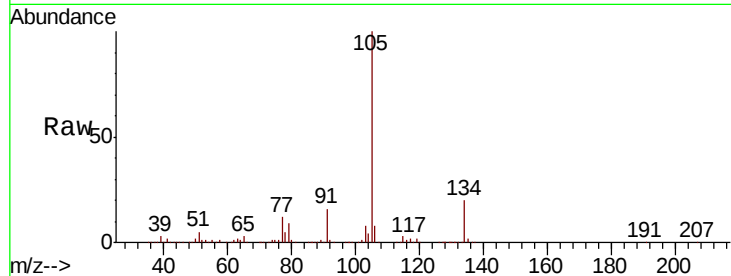
ClientSampleId :

Tot Ion:105 Resp: 269537

Ion Ratio Lower Upper

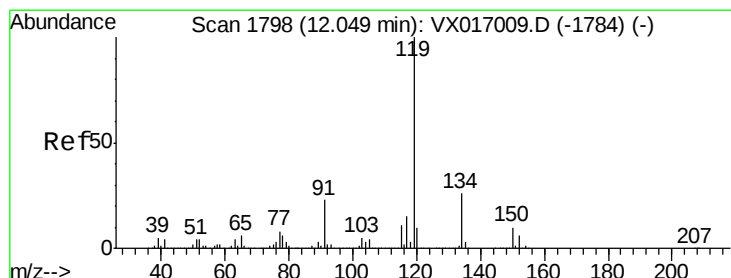
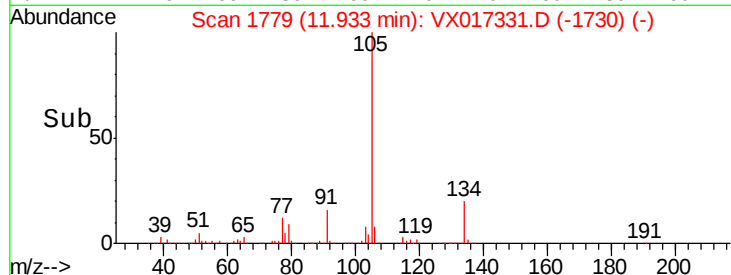
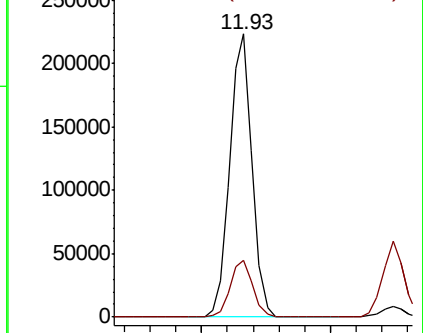
105 100

134 20.4 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.391 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

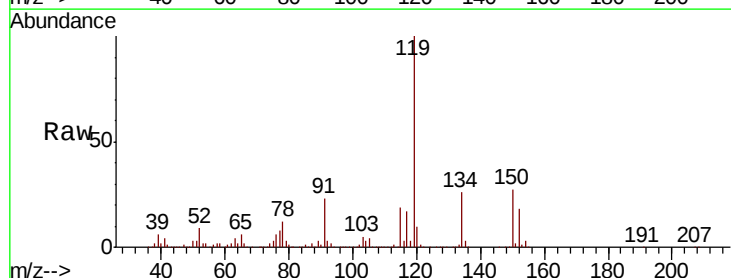
Tgt Ion:119 Resp: 257278

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

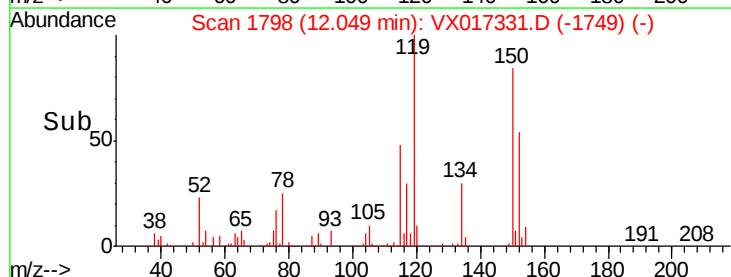
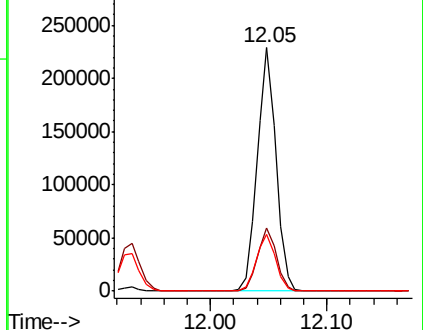
91 24.2 11.8 35.4

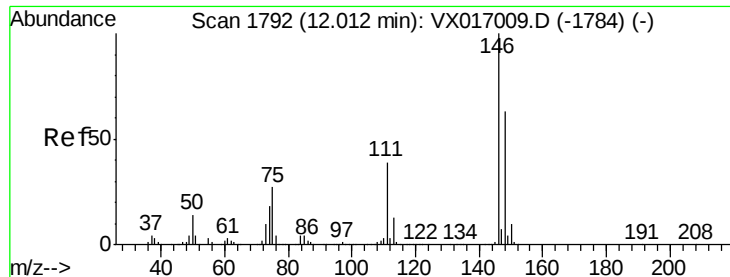


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.895 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017331.D

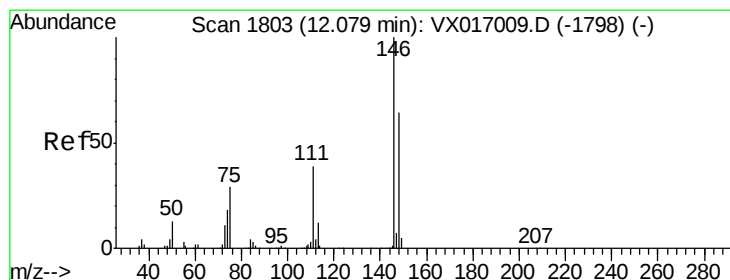
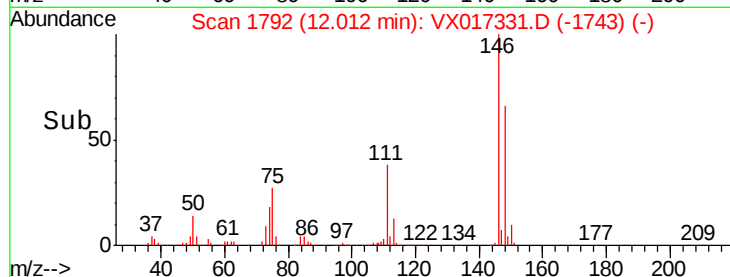
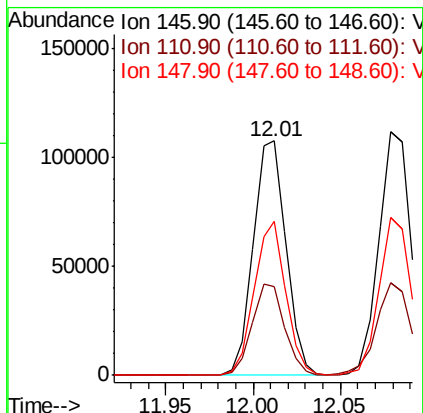
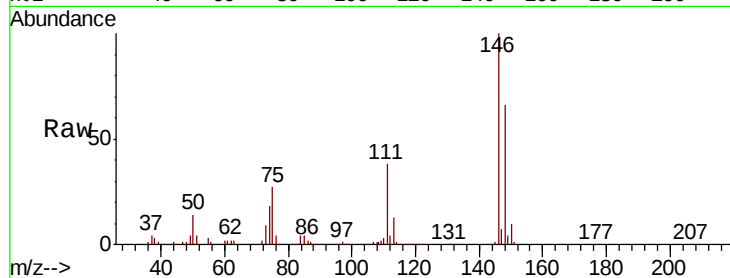
Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	140450
Ion Ratio	Lower	Upper
146	100	
111	38.9	20.4 61.2
148	63.3	32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 20.240 ug/l

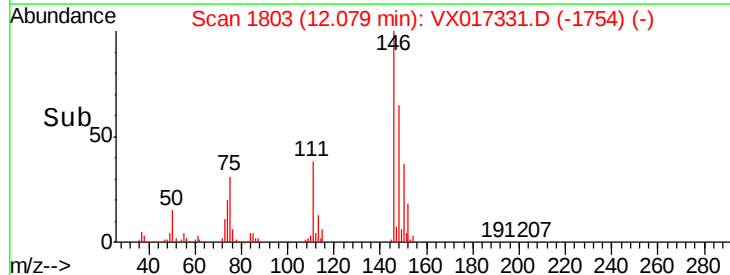
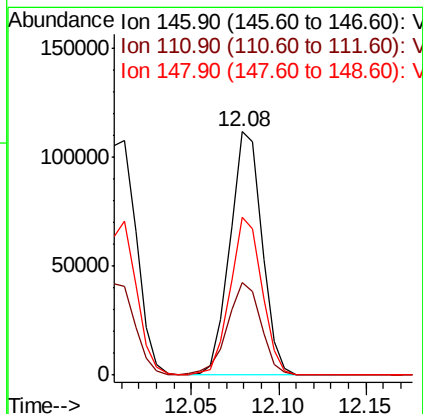
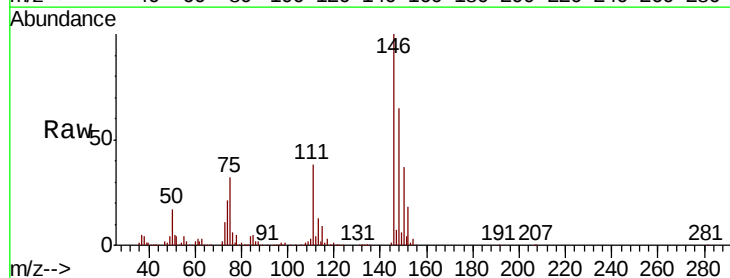
RT: 12.08 min Scan# 1803

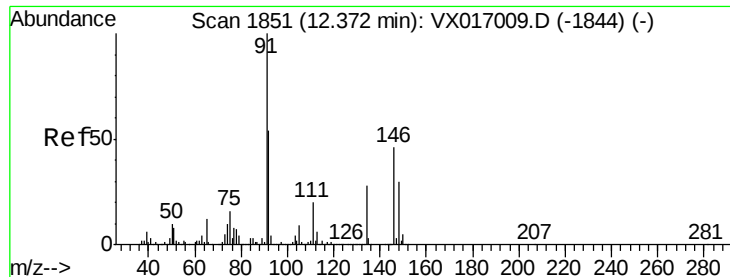
Delta R.T. 0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Tgt Ion:146	Resp:	142672
Ion Ratio	Lower	Upper
146	100	
111	40.0	19.5 58.5
148	64.5	31.9 95.7

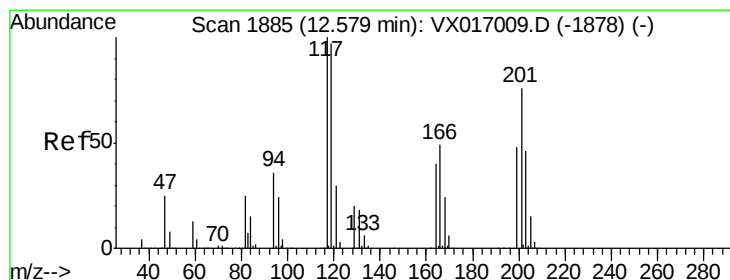
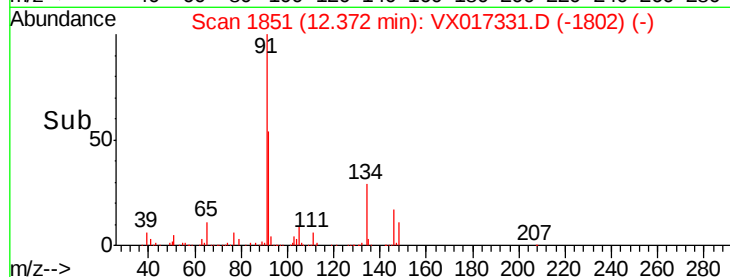
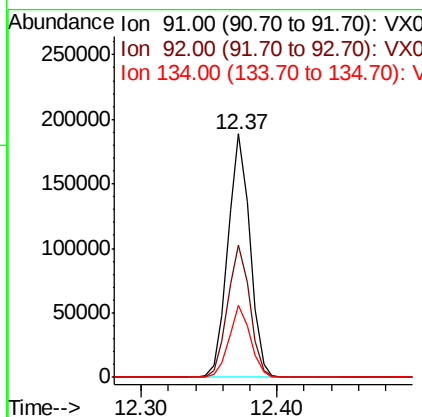
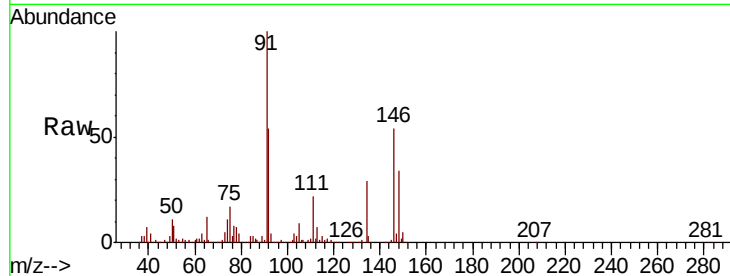




#89
n-Butylbenzene
Concen: 17.960 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

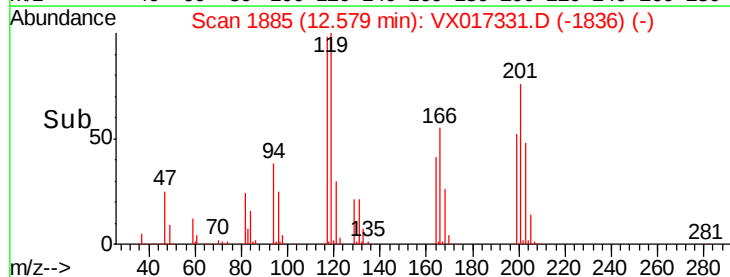
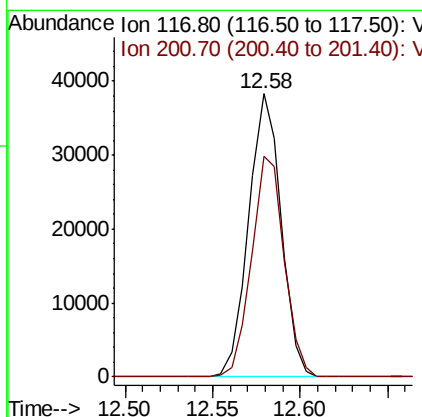
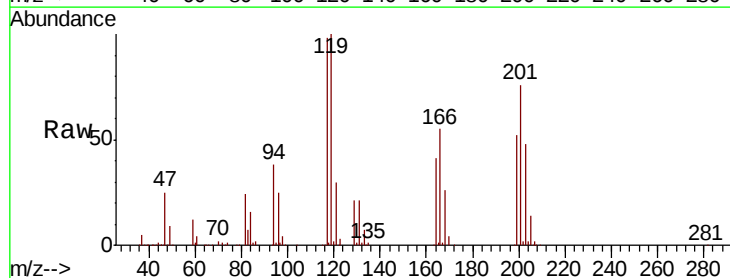
Instrument :
MSVOA_X
ClientSampleId :

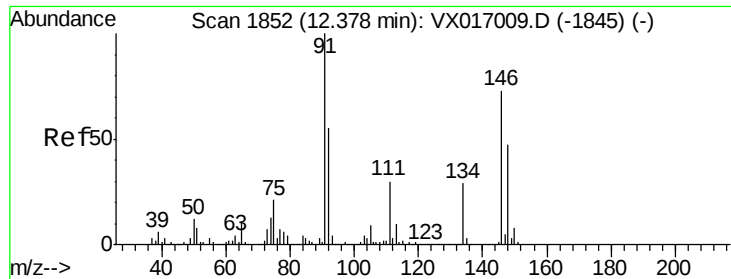
Tot Ion: 91 Resp: 212775
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 28.4 13.6 40.7



#90
Hexachloroethane
Concen: 18.891 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion: 117 Resp: 49429
Ion Ratio Lower Upper
117 100
201 78.4 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 19.815 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

Instrument :

MSVOA_X

ClientSampleId :

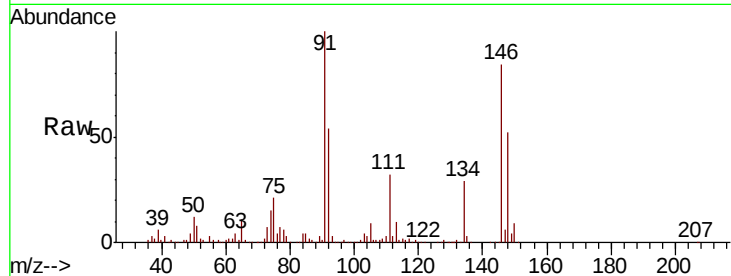
Tot Ion:146 Resp: 137676

Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.9

148 63.1 32.4 97.2

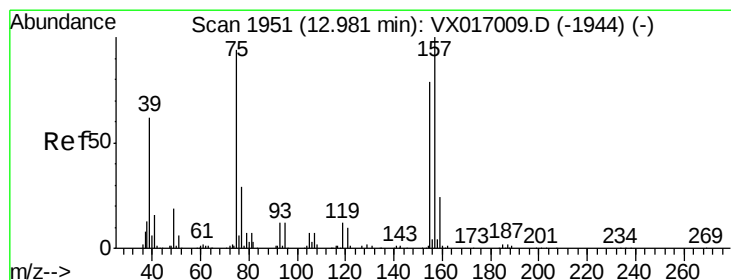
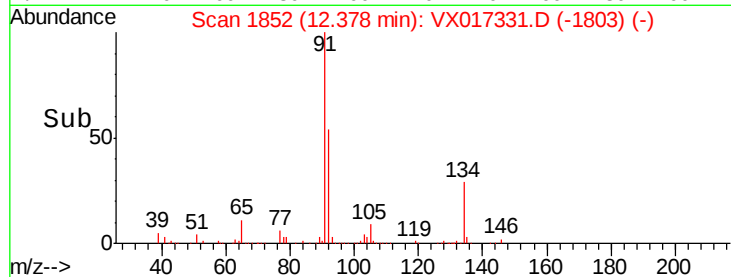
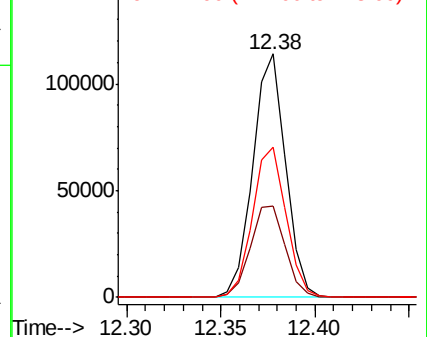


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.624 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017331.D

Acq: 10 Jul 2020 13:29

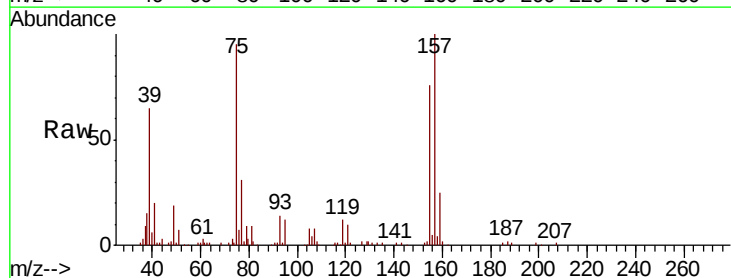
Tgt Ion: 75 Resp: 20811

Ion Ratio Lower Upper

75 100

155 89.2 45.1 135.2

157 112.3 56.5 169.3

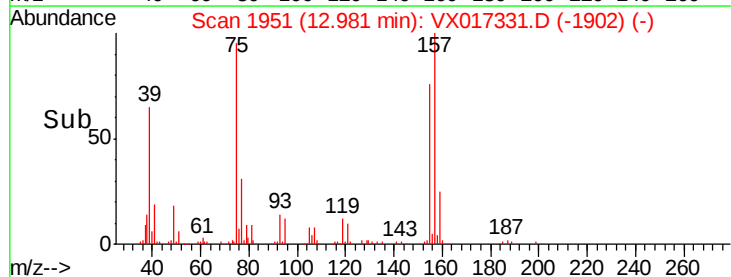
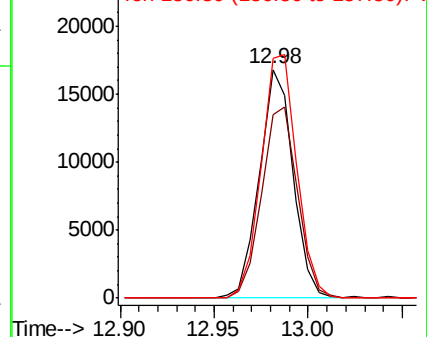


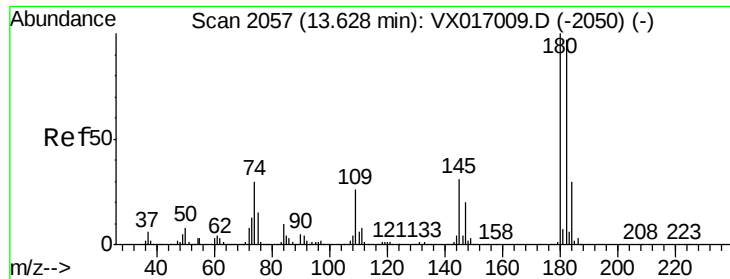
Abundance

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

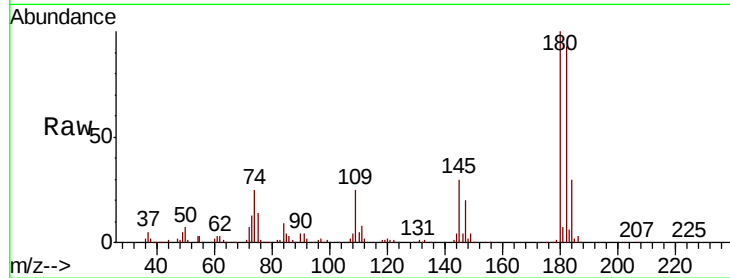




#93
 1,2,4-Trichlorobenzene
 Concen: 18.840 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.3	141.9
145	31.7	15.4	46.2

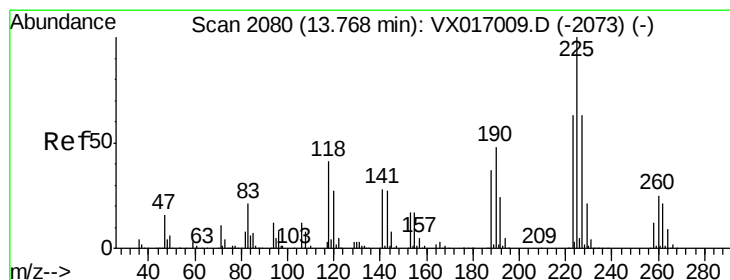
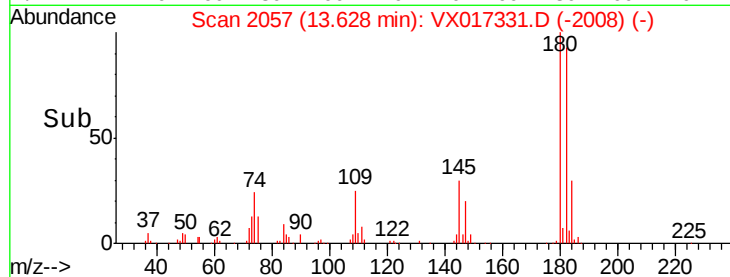
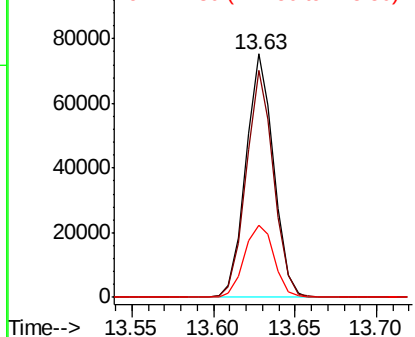


Abundance

Ion 179.80 (179.50 to 180.50): V

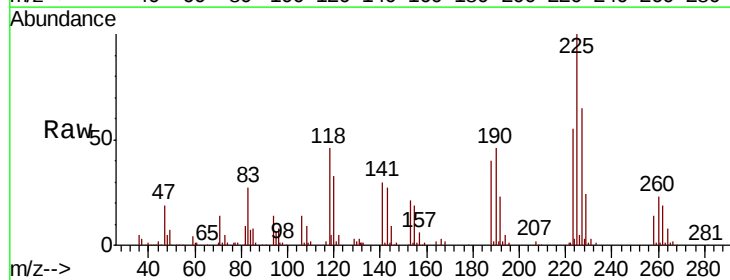
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.238 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017331.D
 Acq: 10 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	32.5	97.5
227	65.6	33.1	99.2

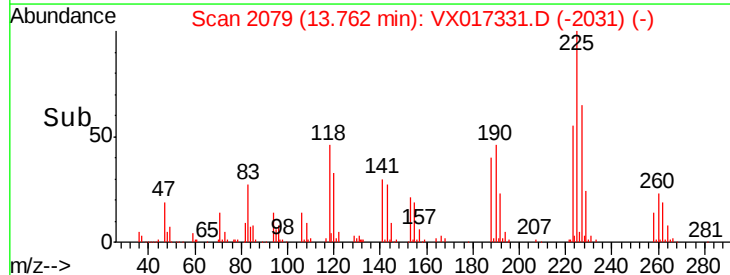
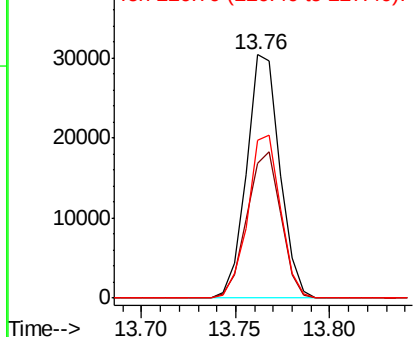


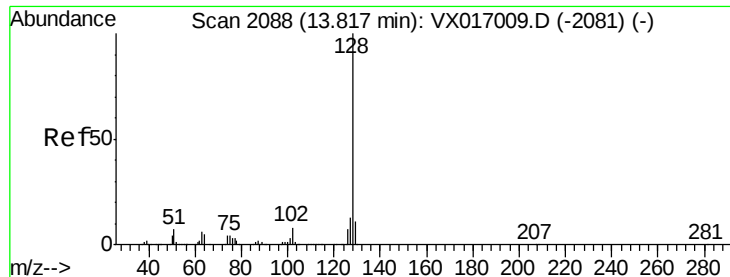
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

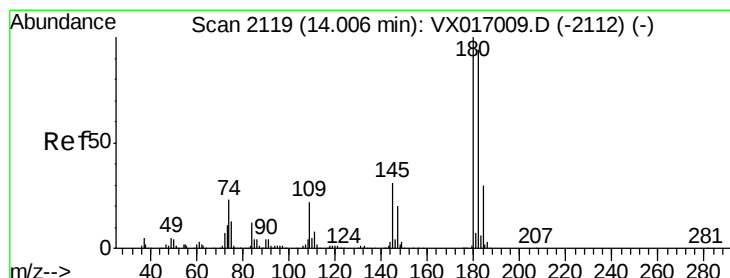
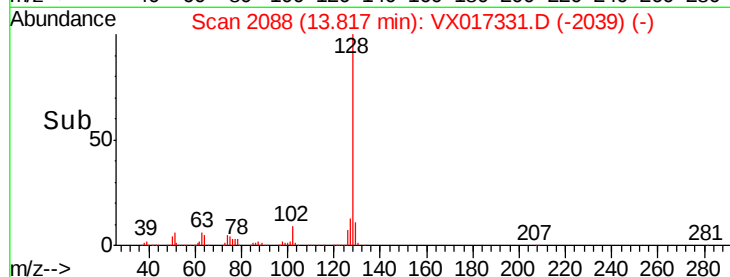
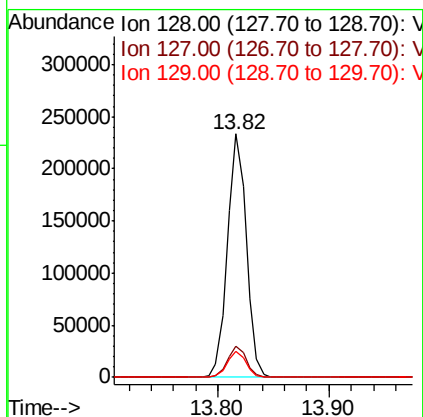
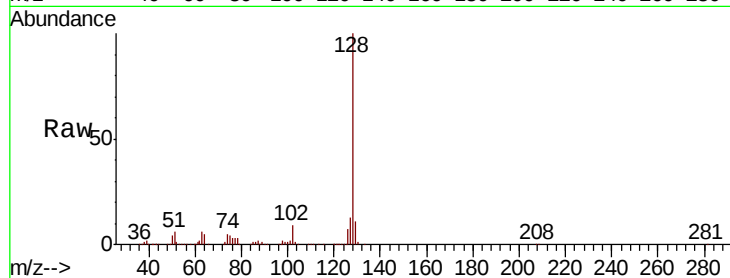




#95
Naphthalene
Concen: 19.068 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 274902
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.313 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017331.D
Acq: 10 Jul 2020 13:29

Tgt Ion:180 Resp: 88635
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.4
145 32.8 16.6 49.7

