

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016595.D
 Acq On : 04 Jun 2020 20:32
 Operator : JC/SP
 Sample : L2894-17MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:25:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	228647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	357340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168943	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	136581	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
35) Dibromofluoromethane	5.47	113	111051	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
50) Toluene-d8	8.70	98	426395	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.12	95	164962	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	106462	47.314	ug/l	96
3) Chloromethane	1.31	50	128259	47.168	ug/l	100
4) Vinyl Chloride	1.39	62	6574259	2286.198	ug/l	94
5) Bromomethane	1.62	94	68907	49.283	ug/l	100
6) Chloroethane	1.70	64	83391	49.713	ug/l	99
7) Trichlorofluoromethane	1.92	101	195230	51.696	ug/l	98
8) Diethyl Ether	2.17	74	77525	49.230	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103129	49.617	ug/l	98
10) Methyl Iodide	2.49	142	100353	40.998	ug/l	99
11) Tert butyl alcohol	3.01	59	166693	228.931	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142499	64.770	ug/l	99
13) Acrolein	2.27	56	72710	234.745	ug/l	99
14) Allyl chloride	2.71	41	170364	42.106	ug/l	98
15) Acrylonitrile	3.12	53	363373	243.623	ug/l	99
16) Acetone	2.42	43	297315	238.990	ug/l	99
17) Carbon Disulfide	2.55	76	296864	45.438	ug/l	100
18) Methyl Acetate	2.75	43	150868	47.283	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	403875	51.122	ug/l	97
20) Methylene Chloride	2.83	84	126145	49.010	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	213762	87.840	ug/l	95
22) Diisopropyl ether	3.82	45	363372	46.750	ug/l	96
23) Vinyl Acetate	3.79	43	1582932	232.667	ug/l	97
24) 1,1-Dichloroethane	3.67	63	212698	48.484	ug/l	99
25) 2-Butanone	4.64	43	489380	232.154	ug/l	95
26) 2,2-Dichloropropane	4.57	77	167053	46.536	ug/l #	1
27) cis-1,2-Dichloroethene	4.57	96	19816690	7038.973	ug/l	86
28) Bromochloromethane	4.99	49	84131	41.268	ug/l	88
29) Tetrahydrofuran	5.09	42	319658	234.721	ug/l	95
30) Chloroform	5.18	83	225921	51.109	ug/l	98
31) Cyclohexane	5.55	56	176898	44.822	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	205622	51.381	ug/l	98
36) 1,1-Dichloropropene	5.77	75	165173	48.820	ug/l	99
37) Ethyl Acetate	4.80	43	182445	44.915	ug/l #	80
38) Carbon Tetrachloride	5.76	117	185236	52.098	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180360	49.079	ug/l	97
40) Benzene	6.12	78	526255	52.232	ug/l	99
41) Methacrylonitrile	5.01	41	104824	46.981	ug/l	98
42) 1,2-Dichloroethane	6.17	62	182889	51.042	ug/l	99
43) Isopropyl Acetate	6.42	43	292525	46.169	ug/l	97
44) Trichloroethene	7.19	130	157501	49.270	ug/l	96
45) 1,2-Dichloropropane	7.49	63	127075	49.542	ug/l	100
46) Dibromomethane	7.64	93	88943	51.627	ug/l	97
47) Bromodichloromethane	7.88	83	186508	52.284	ug/l	99
48) Methyl methacrylate	7.74	41	144502	47.633	ug/l	96
49) 1,4-Dioxane	7.71	88	64113	903.061	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	950752	240.992	ug/l	97
52) Toluene	8.76	92	332549	52.341	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	212393	52.361	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	217713	50.708	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	132733	52.544	ug/l	97
56) Ethyl methacrylate	9.16	69	209770	50.987	ug/l	97
57) 1,3-Dichloropropane	9.35	76	221548	51.095	ug/l	99
59) 2-Hexanone	9.48	43	750537	244.636	ug/l	98
60) Dibromochloromethane	9.57	129	156142	54.925	ug/l	100
61) 1,2-Dibromoethane	9.65	107	143494	53.045	ug/l	99
64) Tetrachloroethene	9.32	164	166091	43.955	ug/l	95
65) Chlorobenzene	10.12	112	899167	130.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	140412	53.420	ug/l	98
67) Ethyl Benzene	10.24	91	624724	50.958	ug/l	100
68) m/p-Xylenes	10.34	106	471106	103.643	ug/l	99
69) o-Xylene	10.68	106	231934	52.687	ug/l	97
70) Styrene	10.70	104	402208	53.156	ug/l	100
71) Bromoform	10.84	173	122232	55.024	ug/l #	99
73) Isopropylbenzene	11.00	105	607303	51.881	ug/l	100
74) N-amyl acetate	10.88	43	248718	46.193	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	170202	58.016	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	244660	65.885	ug/l	84
77) Bromobenzene	11.24	156	157672	51.356	ug/l	97
78) n-propylbenzene	11.34	91	673145	51.472	ug/l	100
79) 2-Chlorotoluene	11.40	91	413097	51.749	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	515218	52.713	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	74593	49.412	ug/l	98
82) 4-Chlorotoluene	11.49	91	483802	51.323	ug/l	99
83) tert-Butylbenzene	11.76	119	456076	54.610	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	521029	52.711	ug/l	99
85) sec-Butylbenzene	11.93	105	553129	52.796	ug/l	100
86) p-Isopropyltoluene	12.05	119	516909	52.671	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	287374	54.027	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322400	59.264	ug/l	100
89) n-Butylbenzene	12.37	91	419764	51.351	ug/l	99
90) Hexachloroethane	12.58	117	89747	52.943	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	417564	81.028	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48087	50.605	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	187967	54.921	ug/l	98

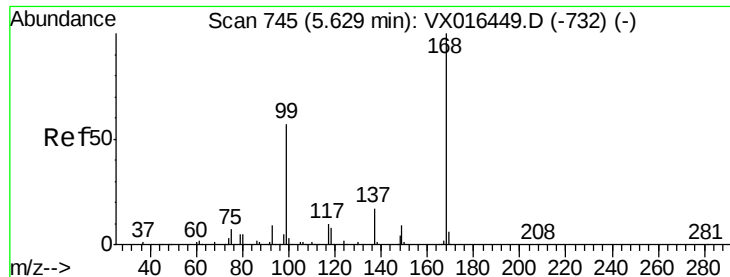
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	75442	56.142	ug/l	99
95) Naphthalene	13.82	128	627963	53.522	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	180028	53.691	ug/l	99

(#) = 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. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

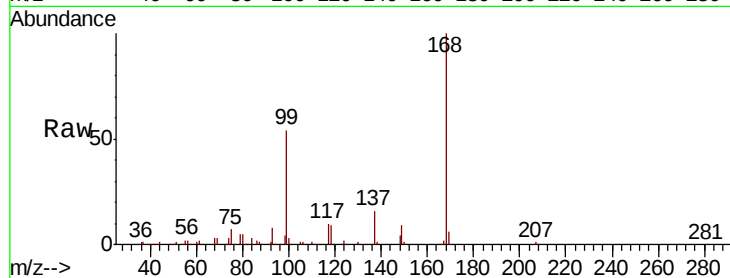
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 228647

Ion Ratio Lower Upper

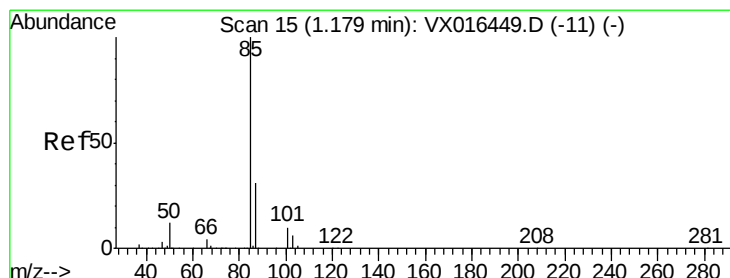
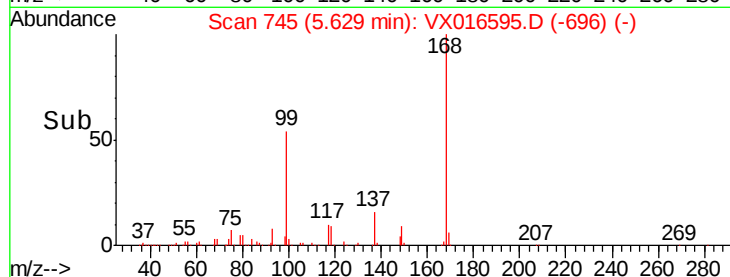
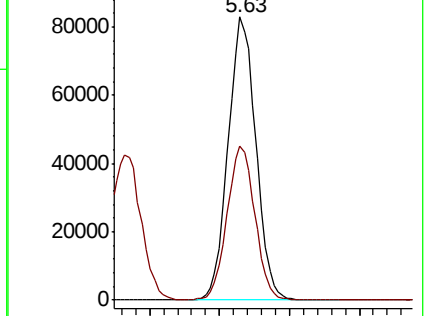
168 100

99 54.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.314 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016595.D

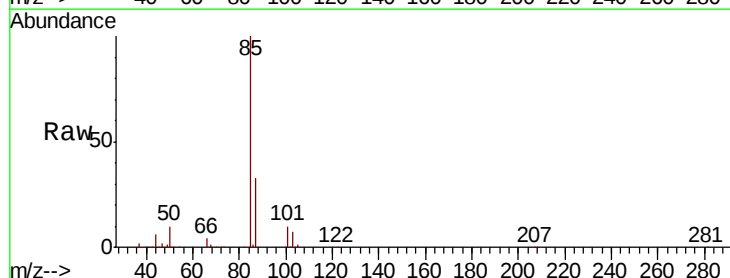
Acq: 04 Jun 2020 20:32

Tgt Ion: 85 Resp: 106462

Ion Ratio Lower Upper

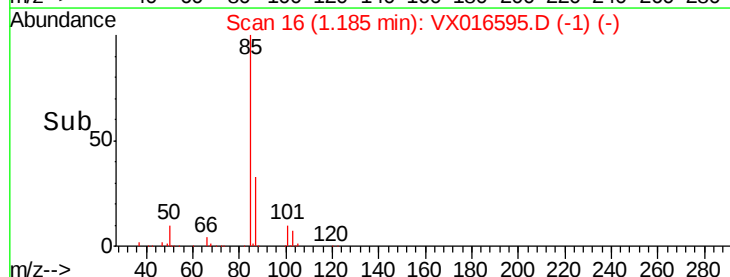
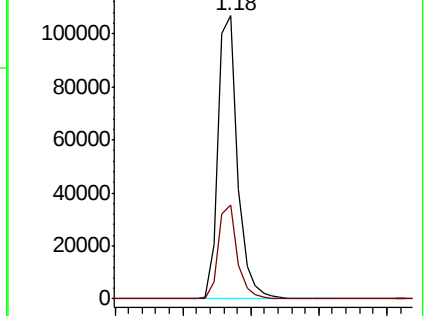
85 100

87 33.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.168 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

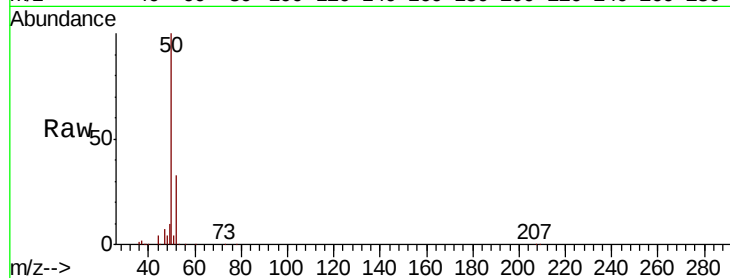
ClientSampled :

Tot Ion: 50 Resp: 128259

Ion Ratio Lower Upper

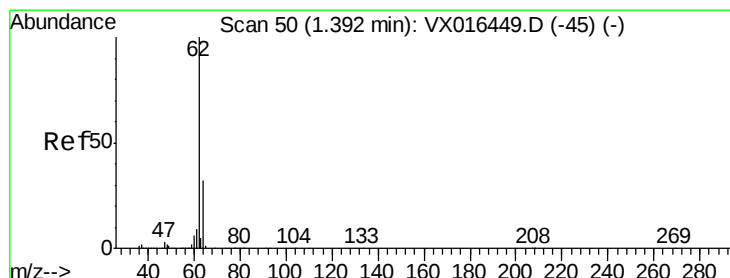
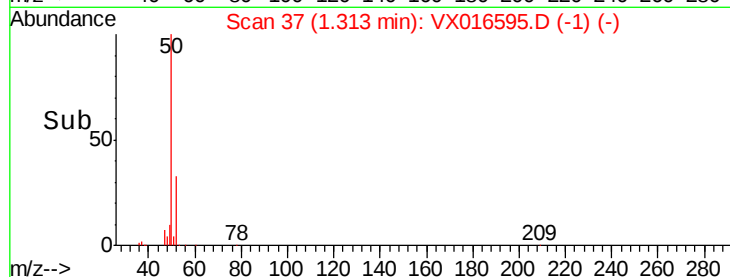
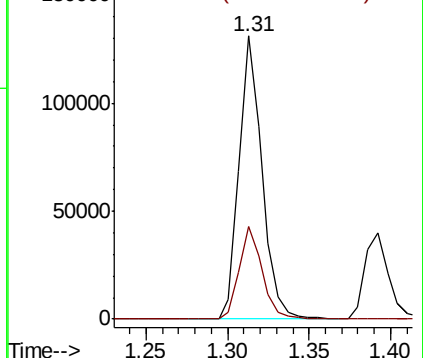
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2286.198 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016595.D

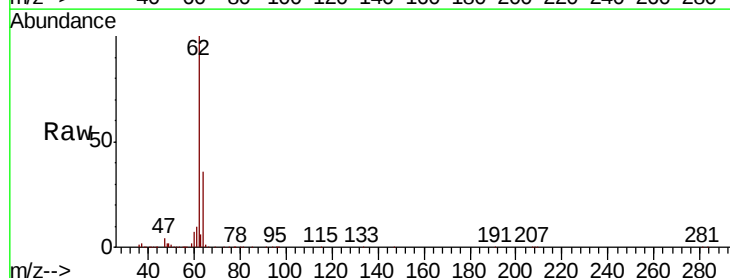
Acq: 04 Jun 2020 20:32

Tgt Ion: 62 Resp: 6574259

Ion Ratio Lower Upper

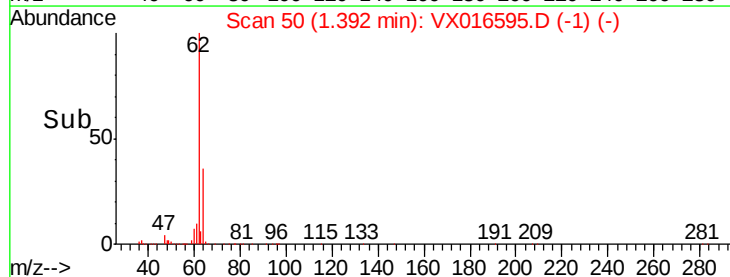
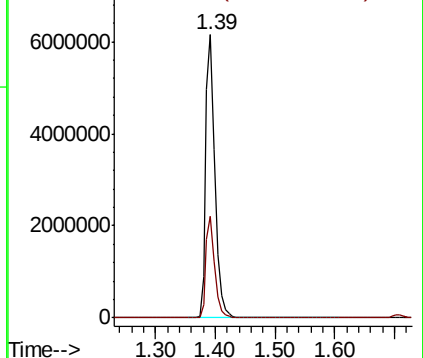
62 100

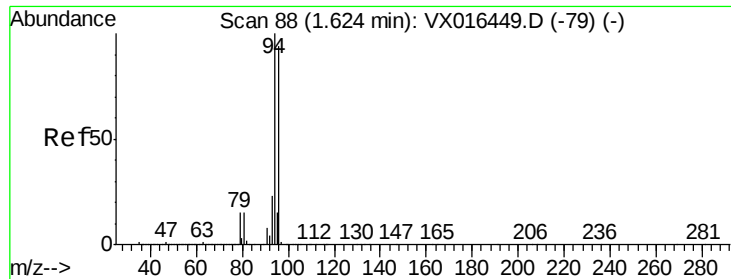
64 35.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.283 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

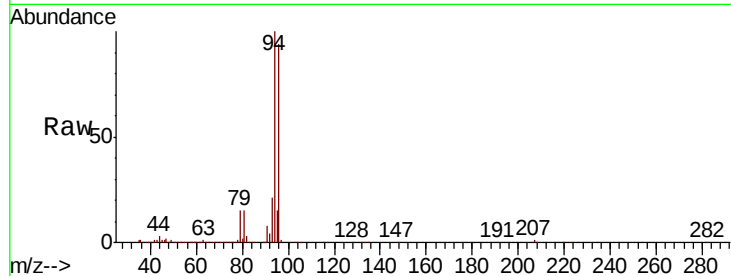
ClientSampleId :

Tot Ion: 94 Resp: 68907

Ion Ratio Lower Upper

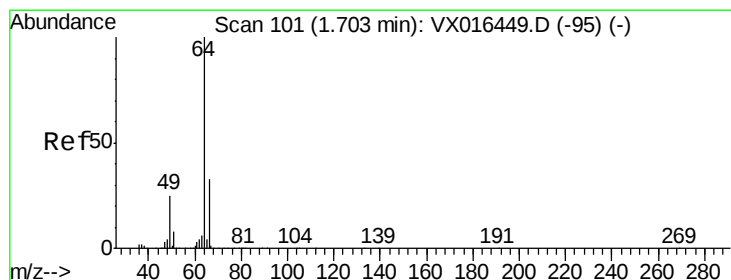
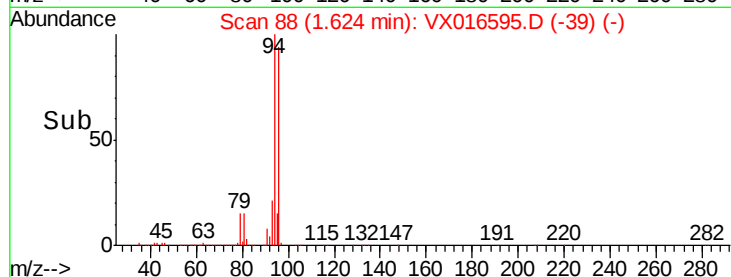
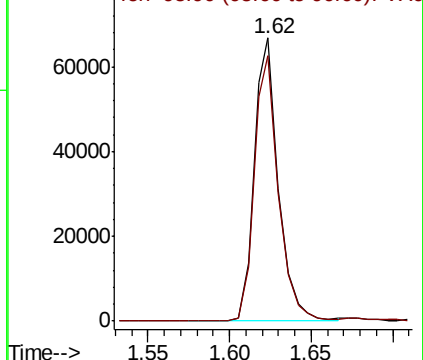
94 100

96 93.9 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.713 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016595.D

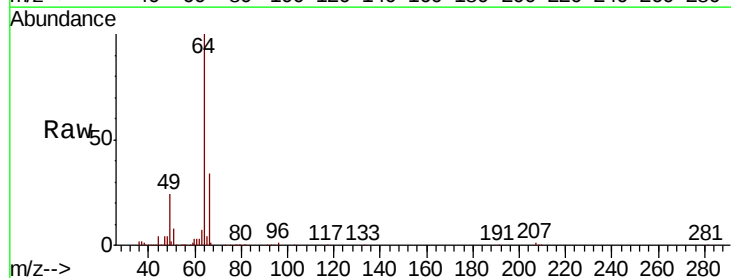
Acq: 04 Jun 2020 20:32

Tgt Ion: 64 Resp: 83391

Ion Ratio Lower Upper

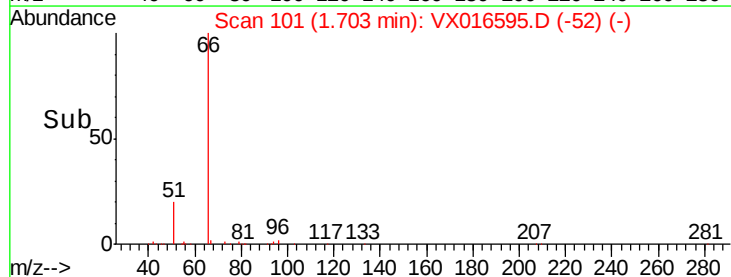
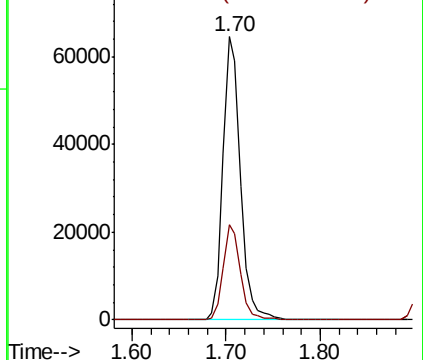
64 100

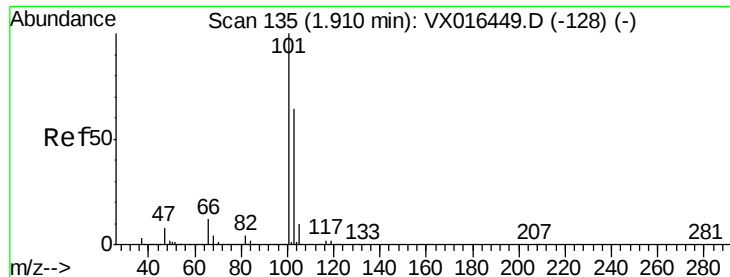
66 33.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



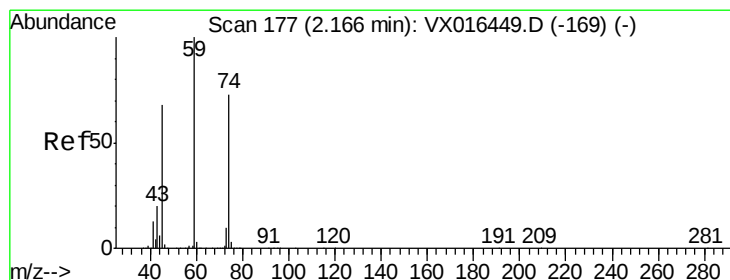
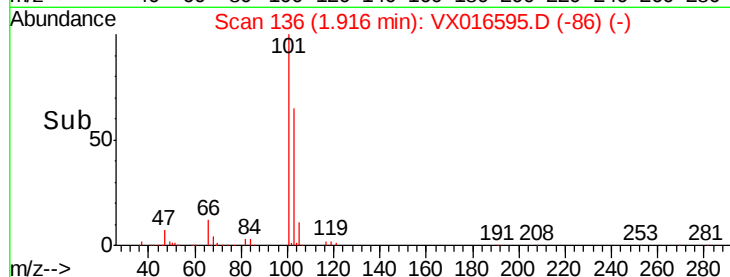
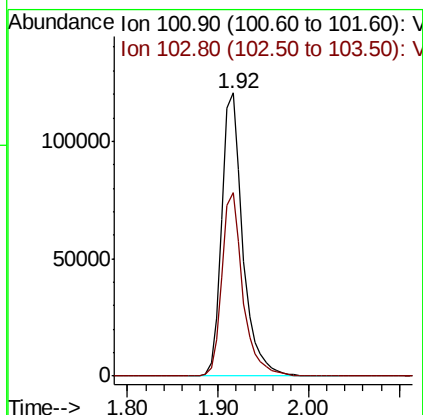
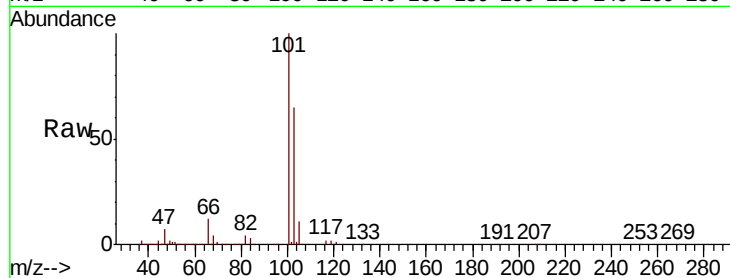


#7

Trichlorofluoromethane
Concen: 51.696 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Instrument :
MSVOA_X
ClientSampled :

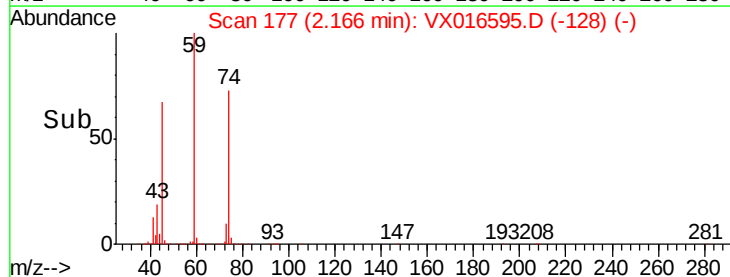
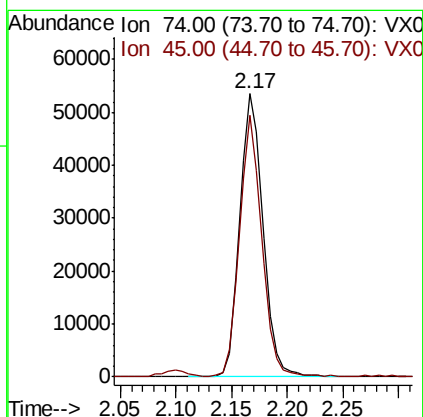
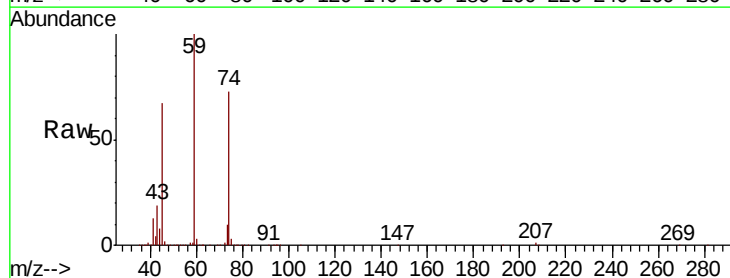
Tot Ion:101 Resp: 195230
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3



#8

Diethyl Ether
Concen: 49.230 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion: 74 Resp: 77525
Ion Ratio Lower Upper
74 100
45 87.8 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.617 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

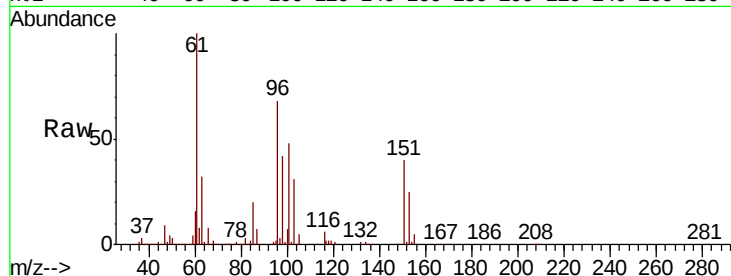
Tot Ion:101 Resp: 103129

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

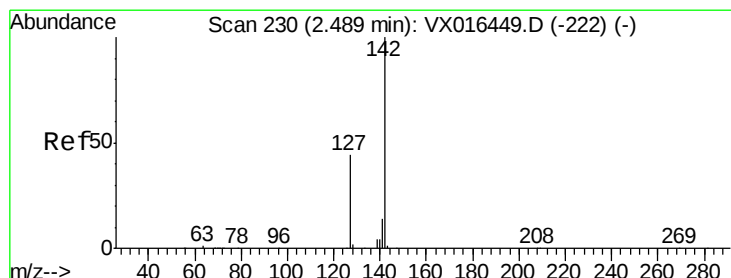
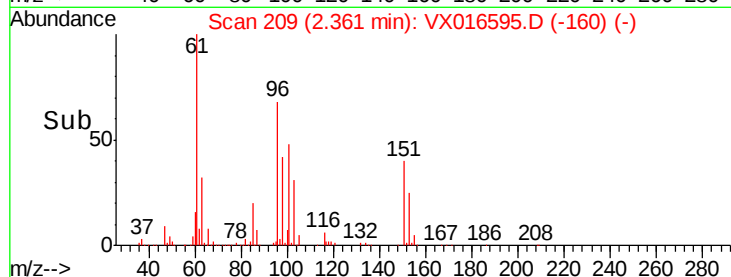
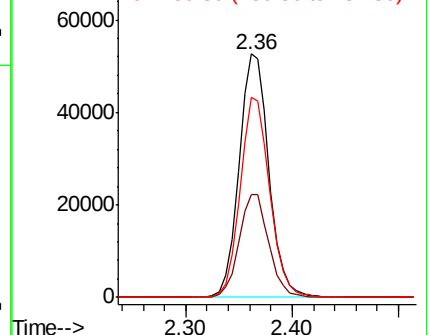
151 81.5 63.8 95.6



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: 40.998 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

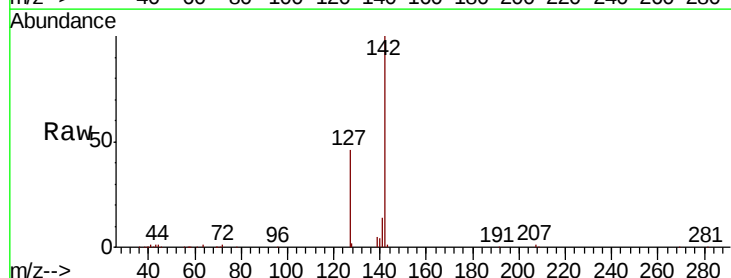
Tgt Ion:142 Resp: 100353

Ion Ratio Lower Upper

142 100

127 44.0 35.3 52.9

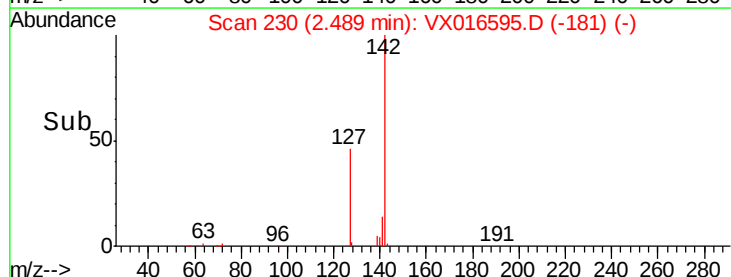
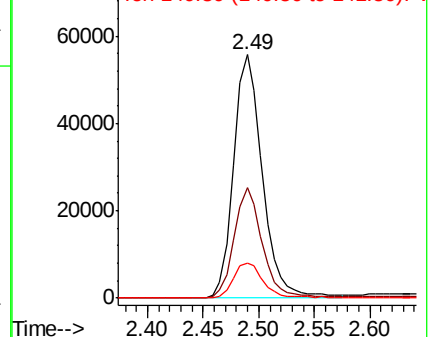
141 15.1 11.4 17.2

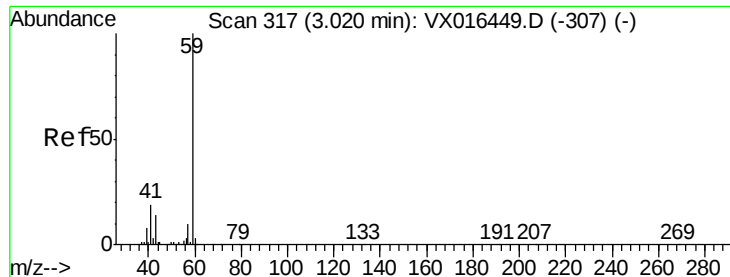


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



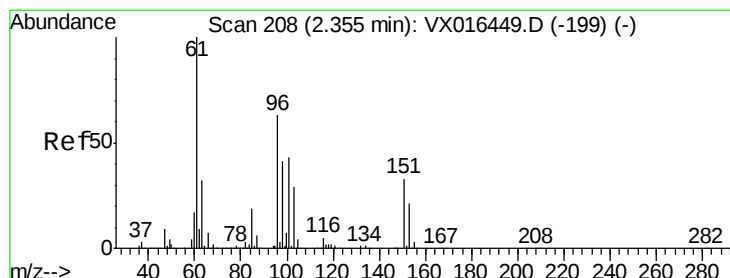
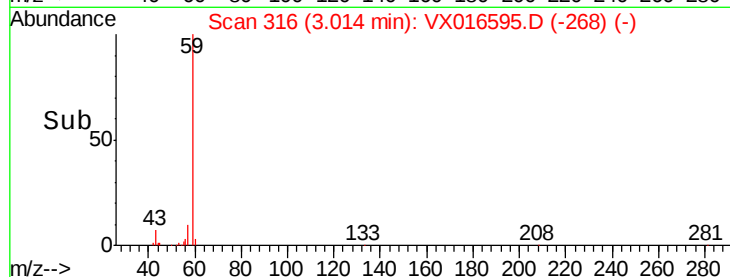
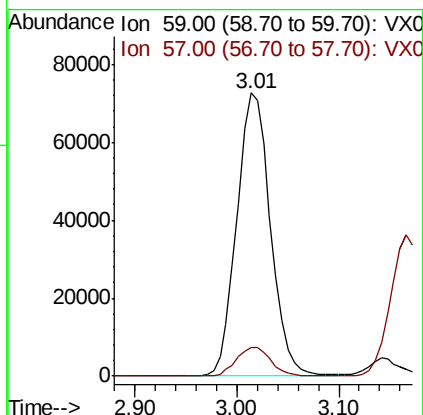
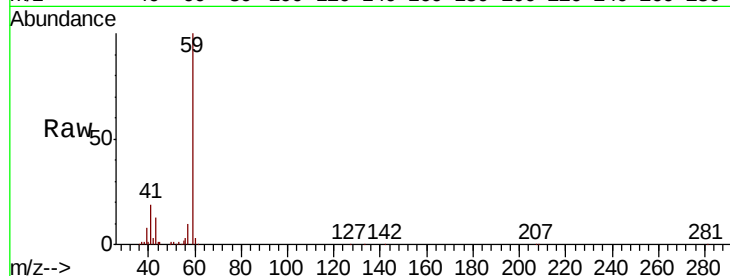


#11

Tert butyl alcohol
 Concen: 228.931 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :

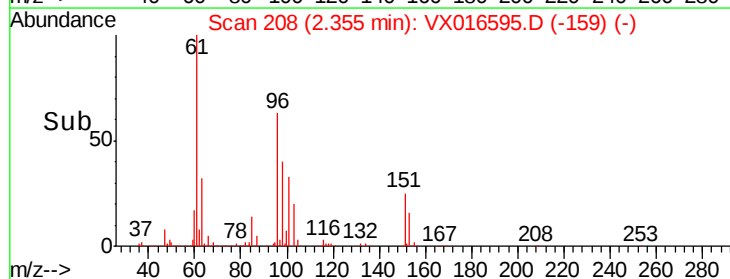
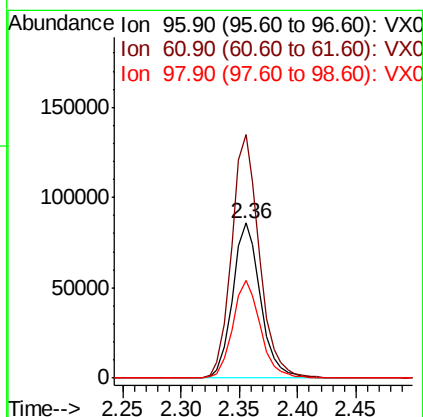
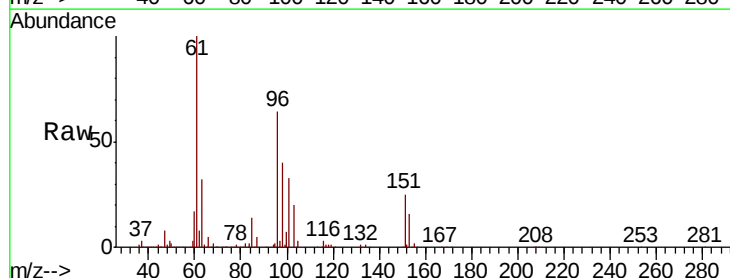
Tot Ion: 59 Resp: 166693
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

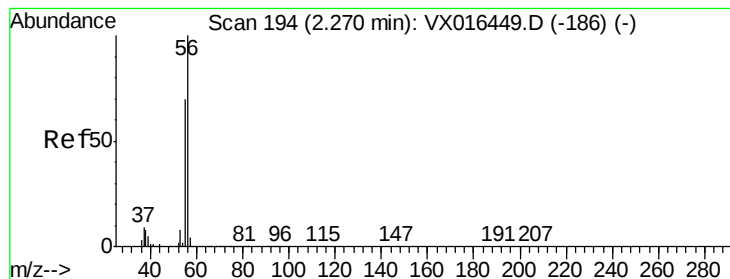


#12

1,1-Dichloroethene
 Concen: 64.770 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Tgt Ion: 96 Resp: 142499
 Ion Ratio Lower Upper
 96 100
 61 157.5 126.6 189.8
 98 63.0 51.3 76.9





#13

Acrolein

Concen: 234.745 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

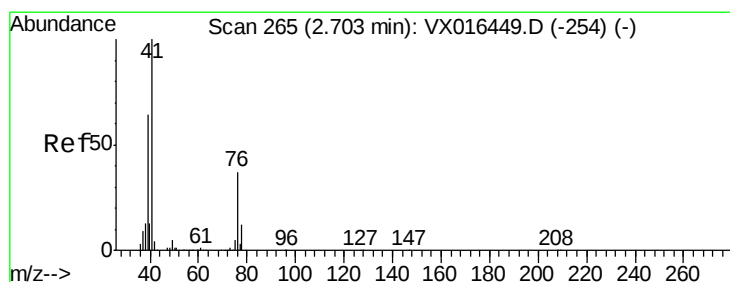
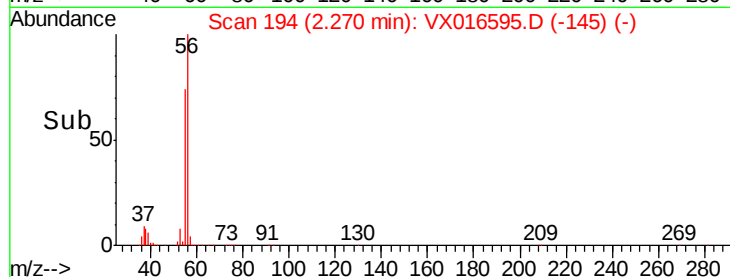
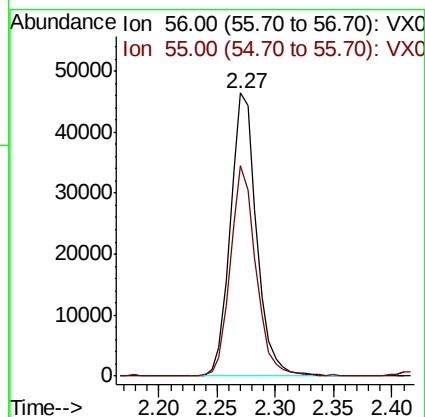
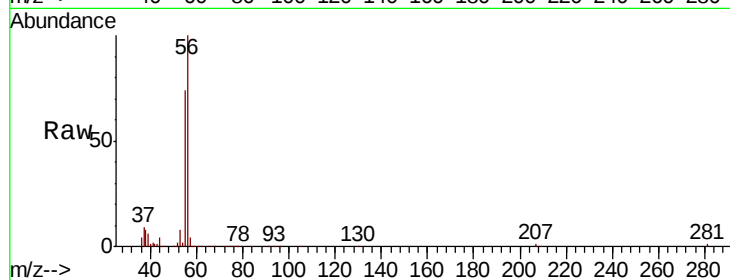
ClientSampleId :

Tot Ion: 56 Resp: 72710

Ion Ratio Lower Upper

56 100

55 71.7 58.3 87.5



#14

Allyl chloride

Concen: 42.106 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

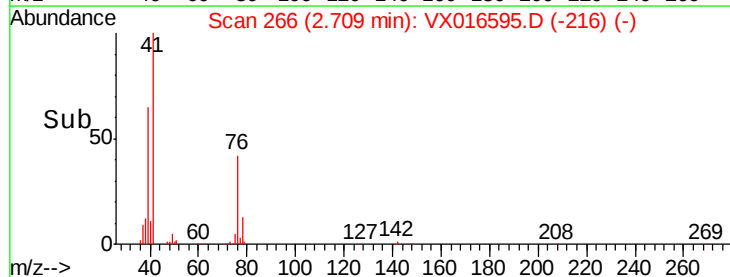
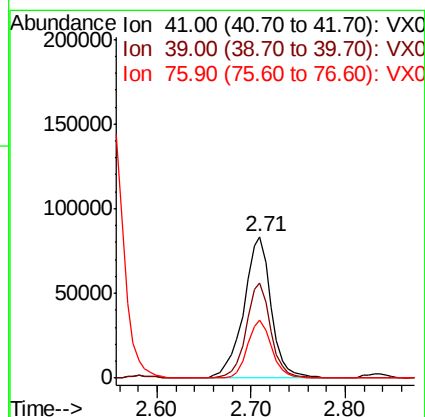
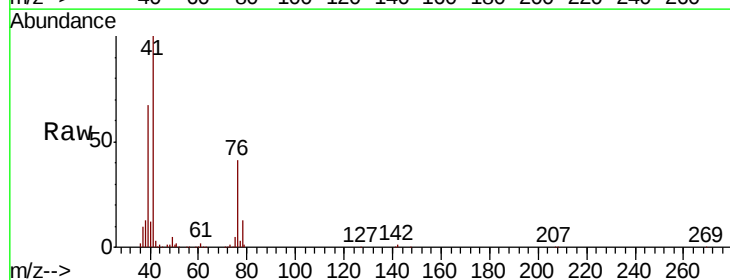
Tgt Ion: 41 Resp: 170364

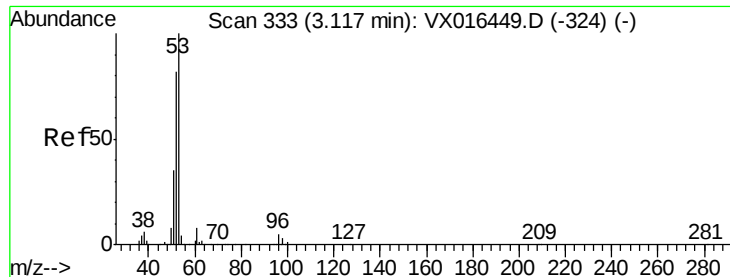
Ion Ratio Lower Upper

41 100

39 59.7 47.7 71.5

76 35.7 26.6 40.0





#15

Acrylonitrile

Concen: 243.623 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

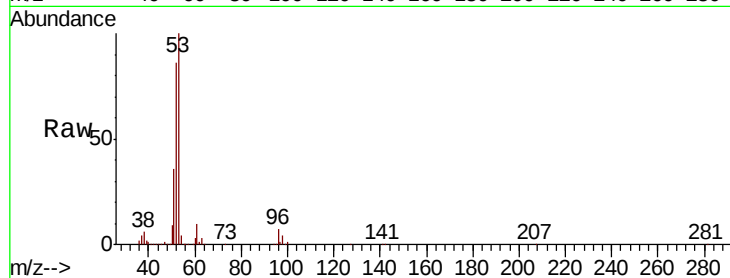
Tot Ion: 53 Resp: 363373

Ion Ratio Lower Upper

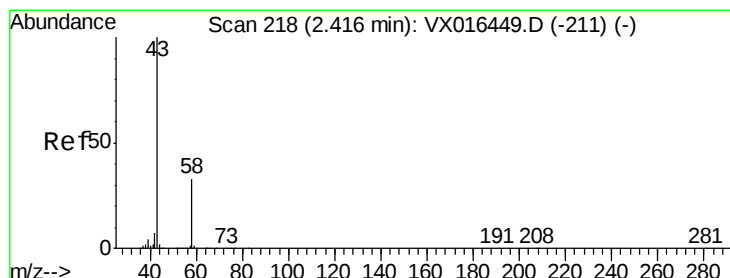
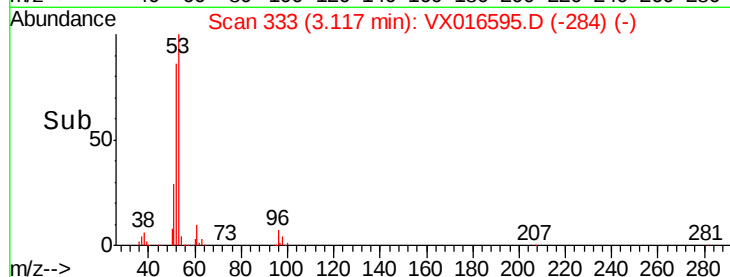
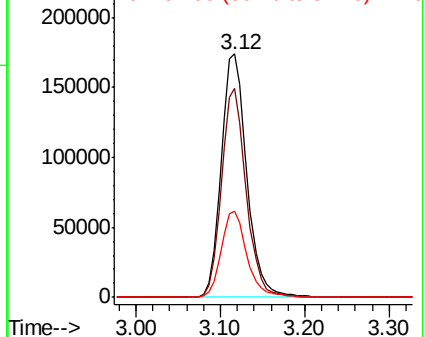
53 100

52 82.7 66.7 100.1

51 35.8 28.6 43.0



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: 238.990 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016595.D

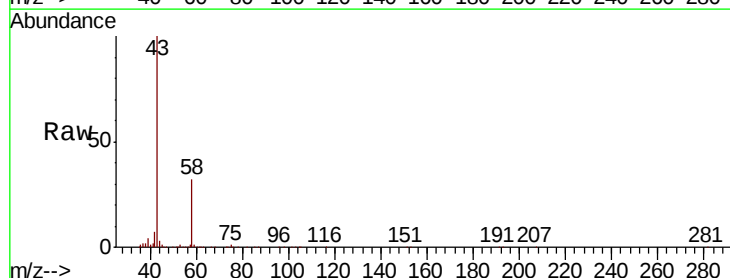
Acq: 04 Jun 2020 20:32

Tgt Ion: 43 Resp: 297315

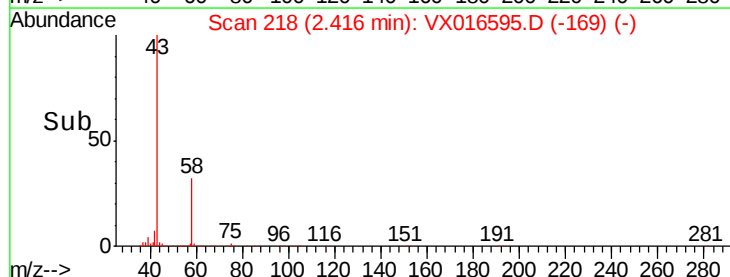
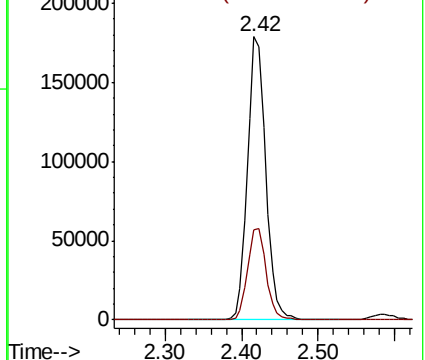
Ion Ratio Lower Upper

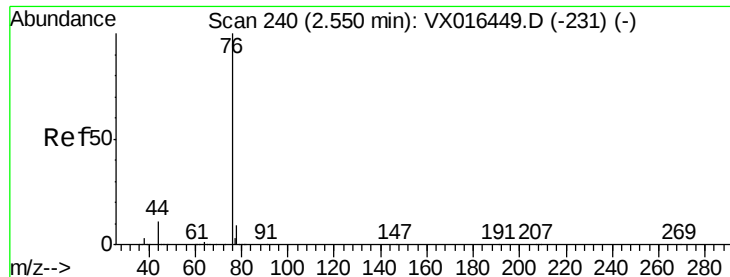
43 100

58 31.9 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.438 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

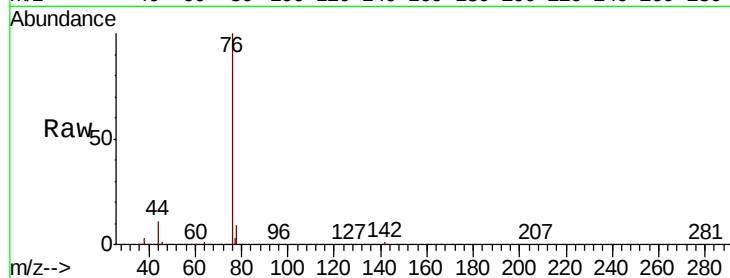
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 296864

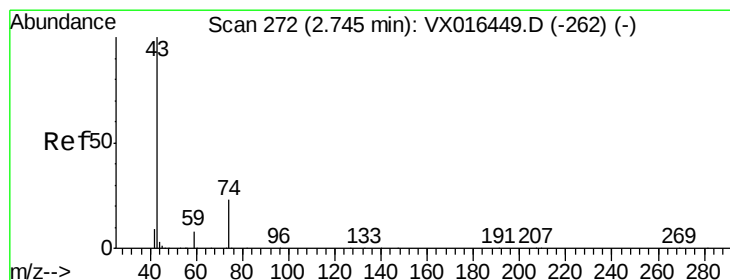
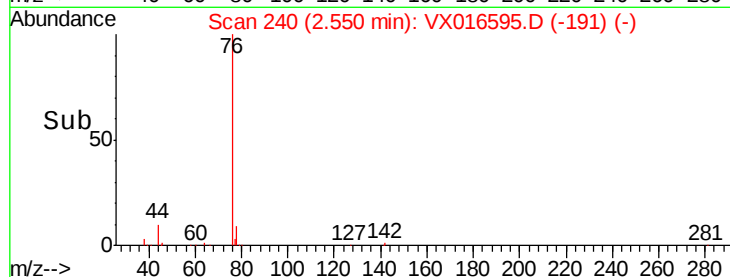
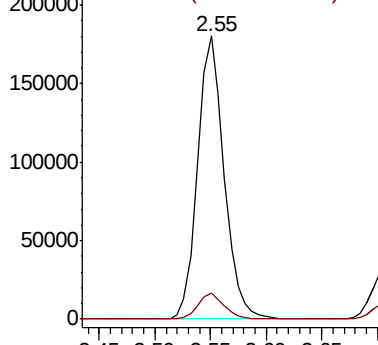
Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.283 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016595.D

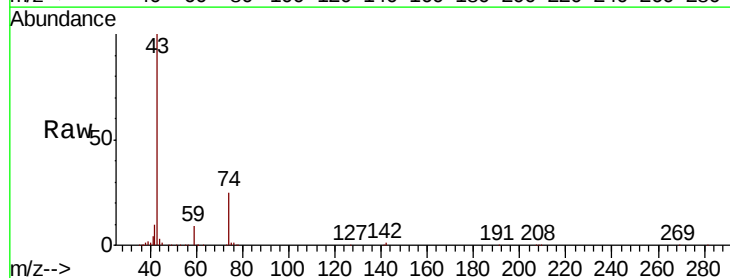
Acq: 04 Jun 2020 20:32

Tgt Ion: 43 Resp: 150868

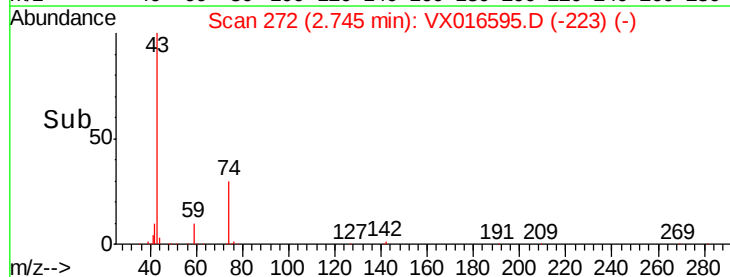
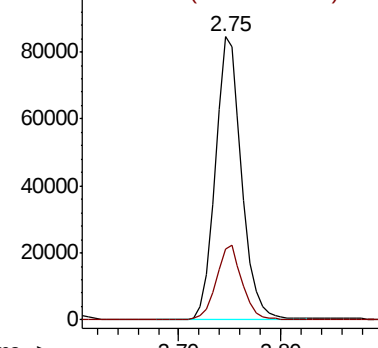
Ion Ratio Lower Upper

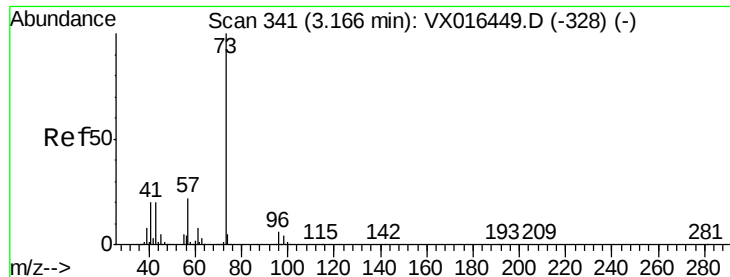
43 100

74 26.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



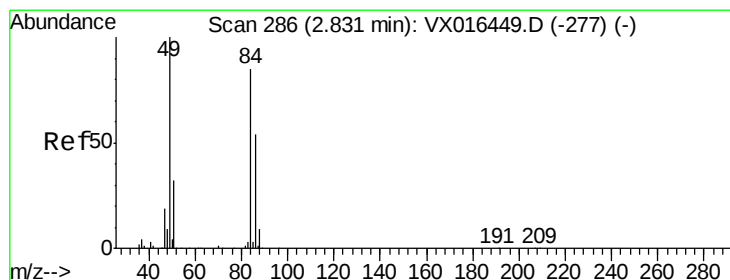
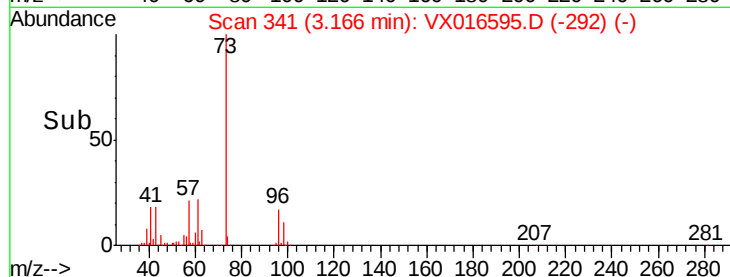
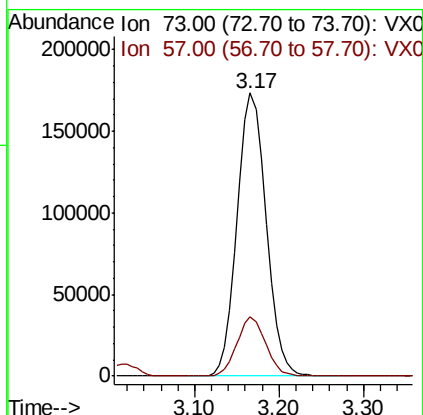
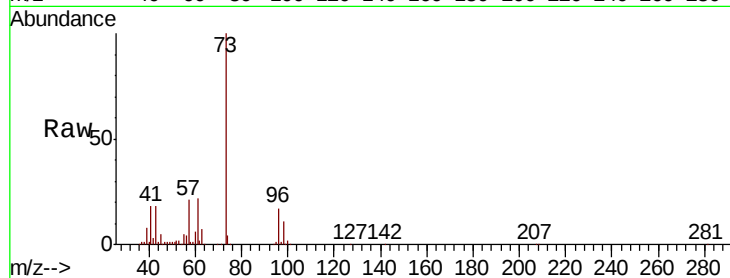


#19

Methyl tert-butyl Ether
 Concen: 51.122 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :

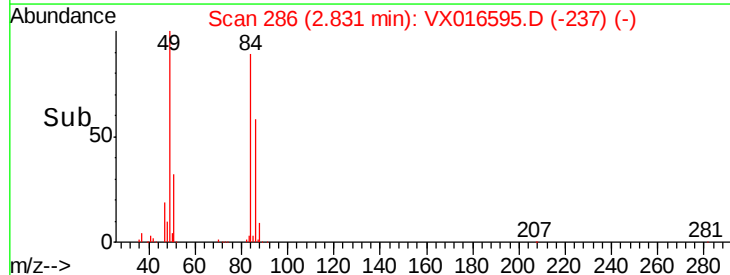
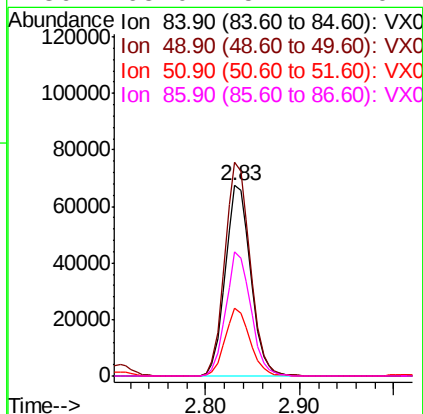
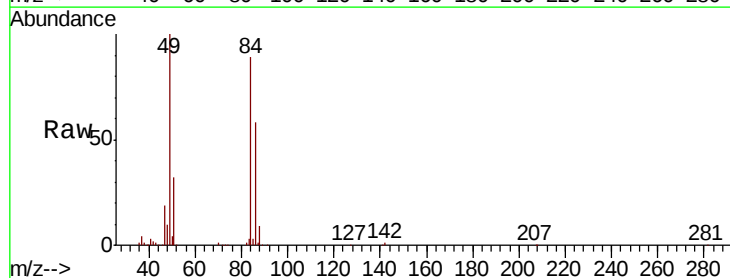
Tot Ion: 73 Resp: 403875
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.8 26.6



#20

Methylene Chloride
 Concen: 49.010 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Tgt Ion: 84 Resp: 126145
 Ion Ratio Lower Upper
 84 100
 49 112.3 94.5 141.7
 51 35.9 30.2 45.4
 86 65.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 87.840 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

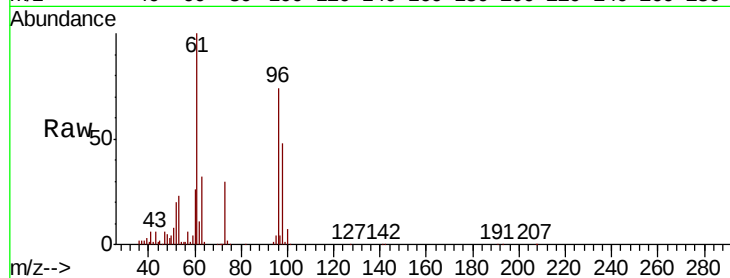
Tot Ion: 96 Resp: 213762

Ion Ratio Lower Upper

96 100

61 135.9 115.3 172.9

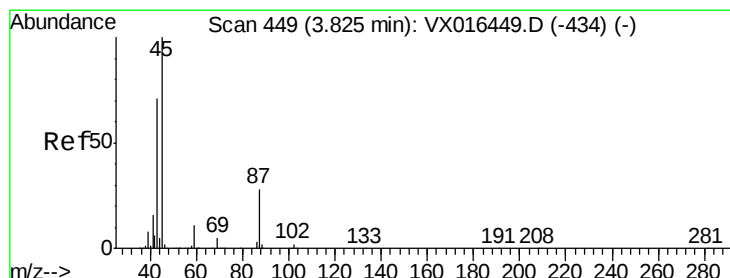
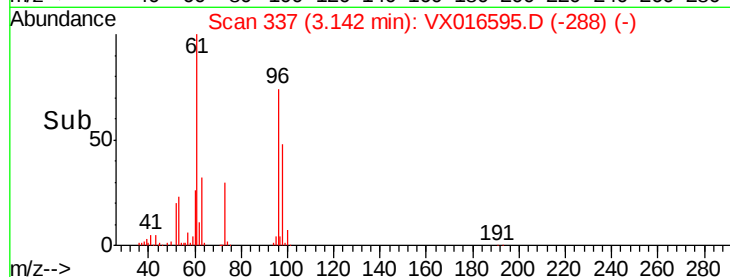
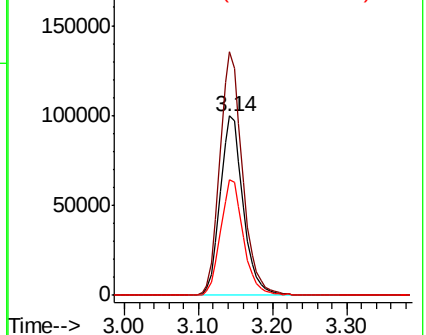
98 64.8 51.9 77.9



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: 46.750 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Tgt Ion: 45 Resp: 363372

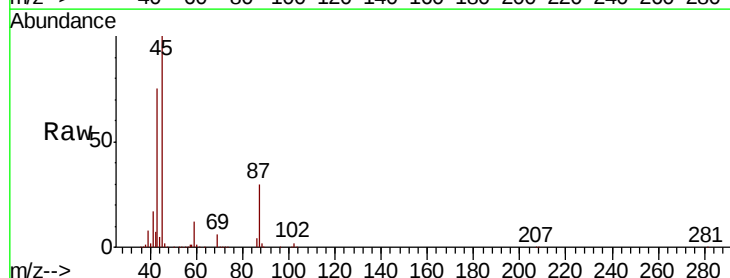
Ion Ratio Lower Upper

45 100

43 75.0 57.0 85.6

87 30.4 22.5 33.7

59 12.0 9.1 13.7

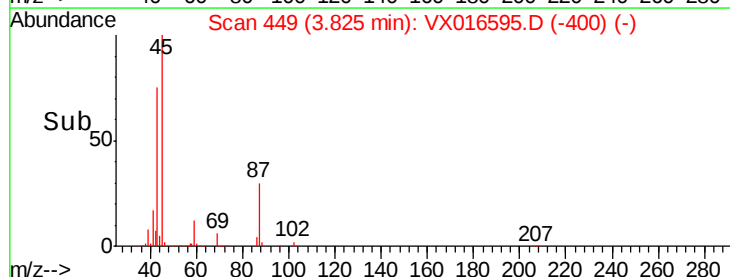
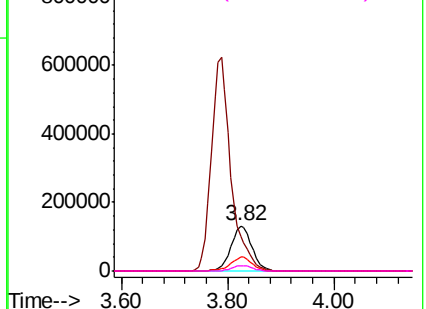


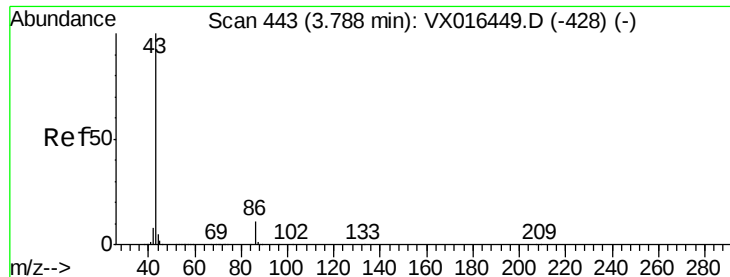
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

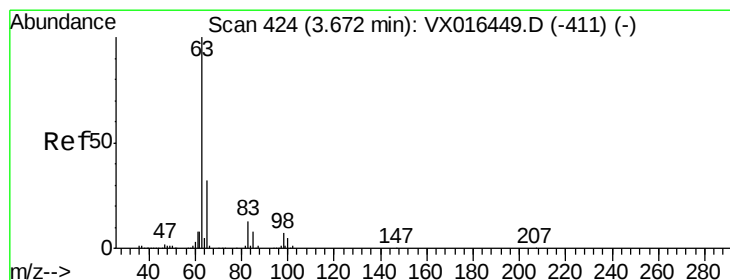
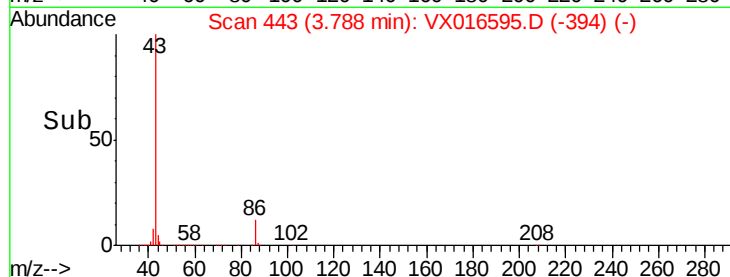
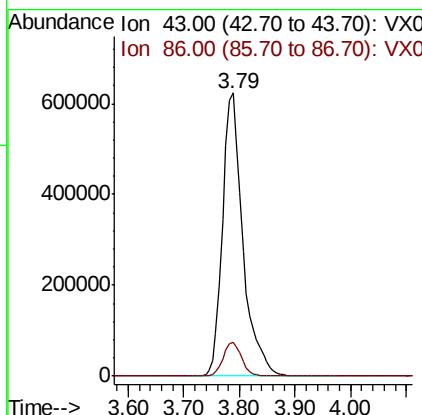
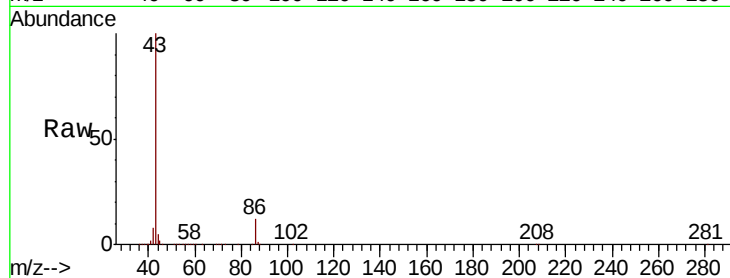




#23
 Vinyl Acetate
 Concen: 232.667 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

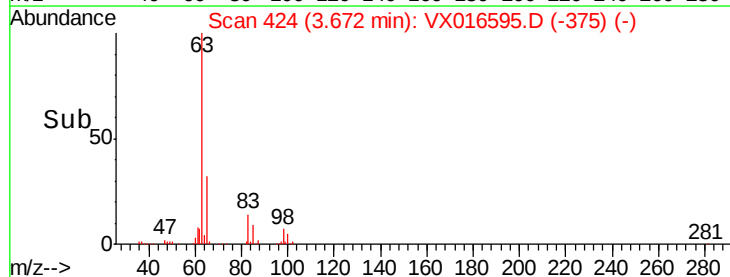
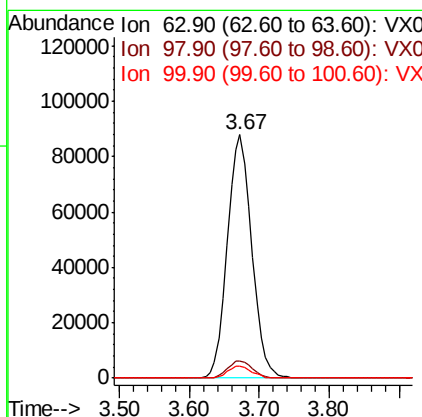
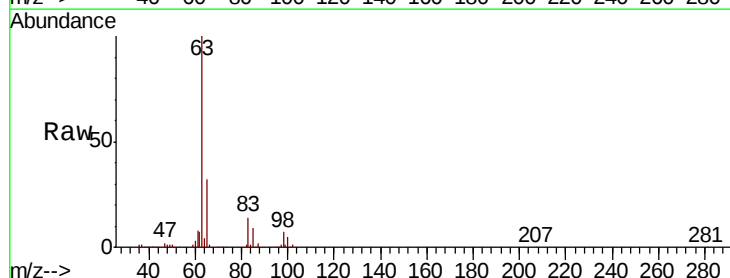
Instrument :
 MSVOA_X
 ClientSampleId :

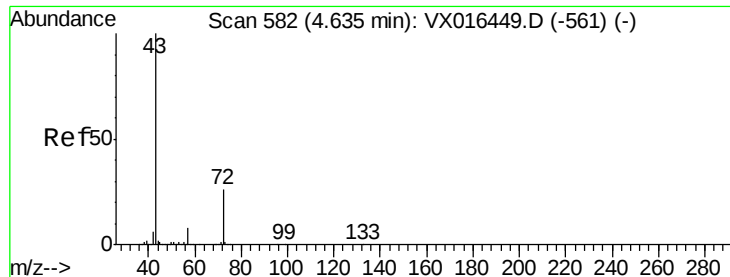
Tot Ion: 43 Resp: 1582932
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.484 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Tgt Ion: 63 Resp: 212698
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 232.154 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

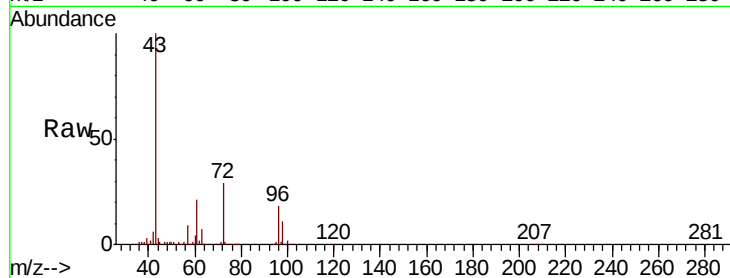
ClientSampleId :

Tot Ion: 43 Resp: 489380

Ion Ratio Lower Upper

43 100

72 28.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

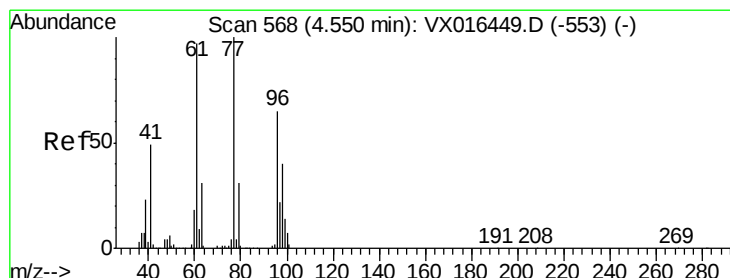
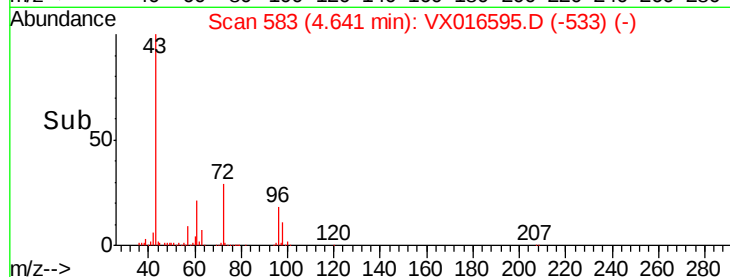
100000

50000

0

4.50 4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.536 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.02 min

Lab File: VX016595.D

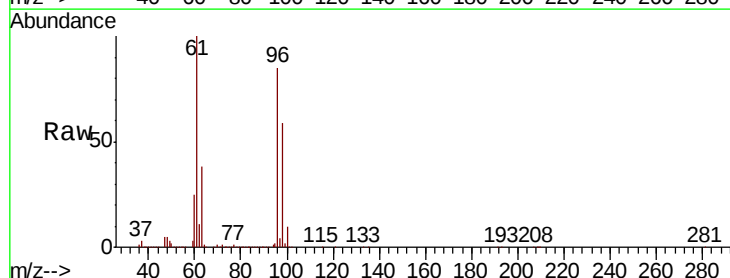
Acq: 04 Jun 2020 20:32

Tgt Ion: 77 Resp: 167053

Ion Ratio Lower Upper

77 100

97 513.7 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

300000

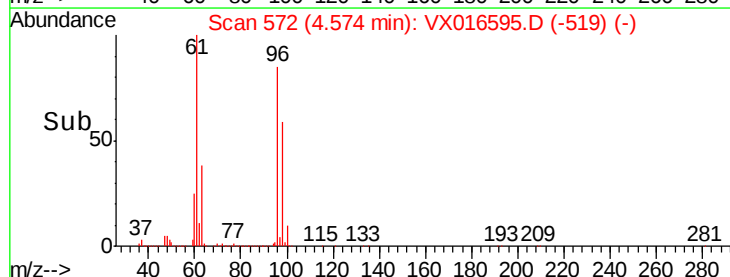
200000

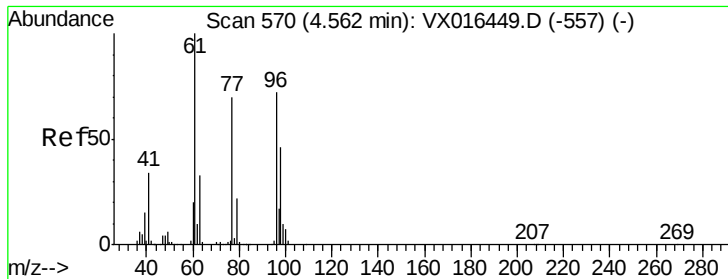
100000

0

4.40 4.50 4.60 4.70

Time-->



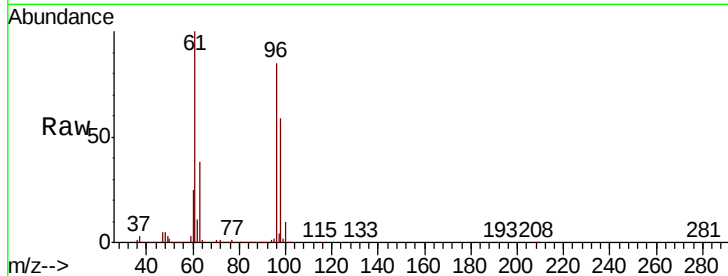


#27

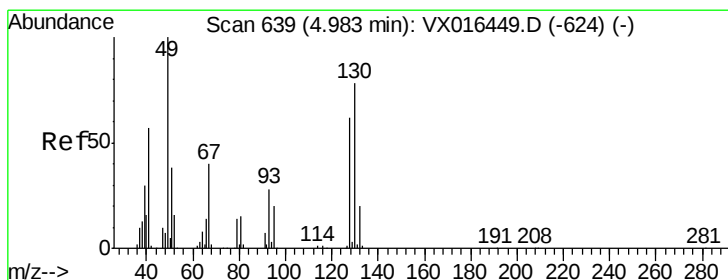
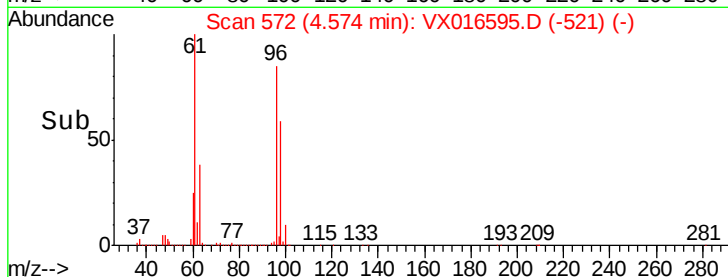
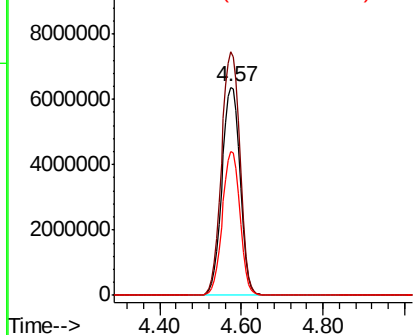
cis-1,2-Dichloroethene
Concen: 7038.973 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp:19816690
Ion Ratio Lower Upper
96 100
61 119.3 0.0 284.6
98 67.2 0.0 127.2



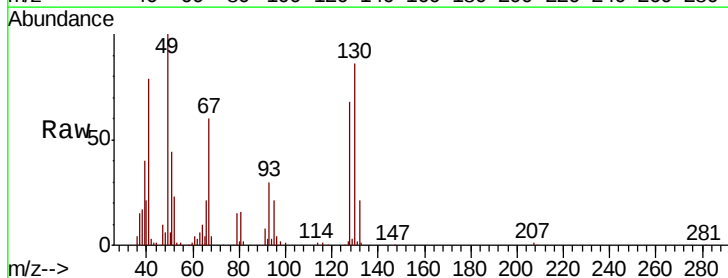
Abundance Ion 95.90 (95.60 to 96.60): VX0
1e+07 Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



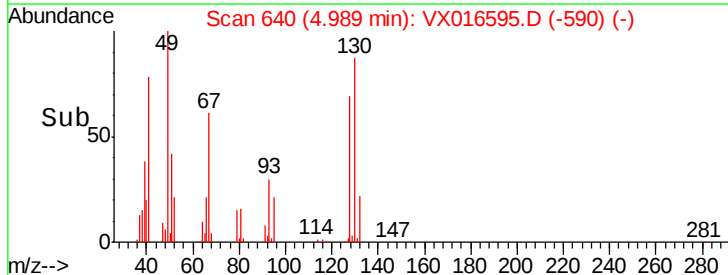
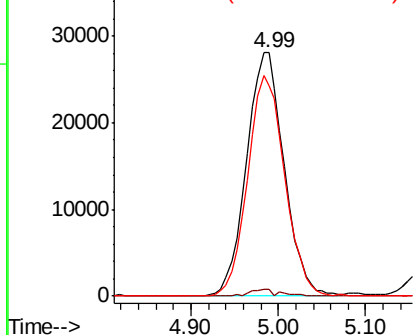
#28

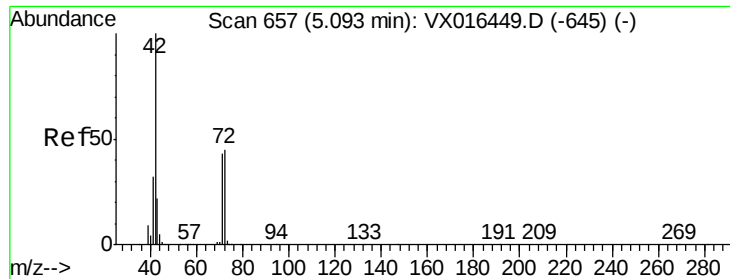
Bromochloromethane
Concen: 41.268 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion: 49 Resp: 84131
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 89.3 63.0 94.4



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: 234.721 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampled :

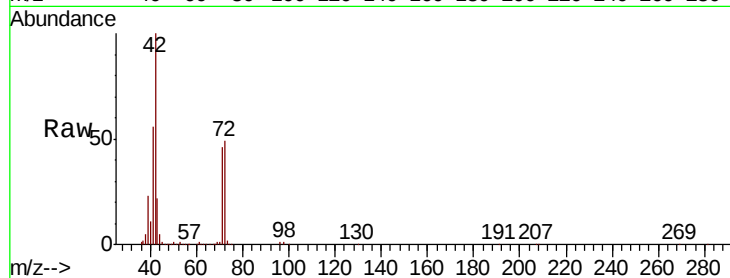
Tot Ion: 42 Resp: 319658

Ion Ratio Lower Upper

42 100

72 49.8 37.0 55.4

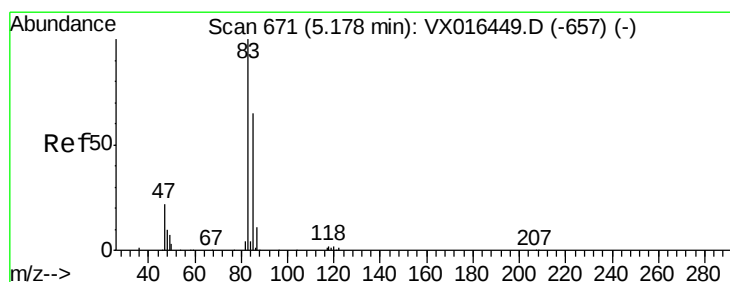
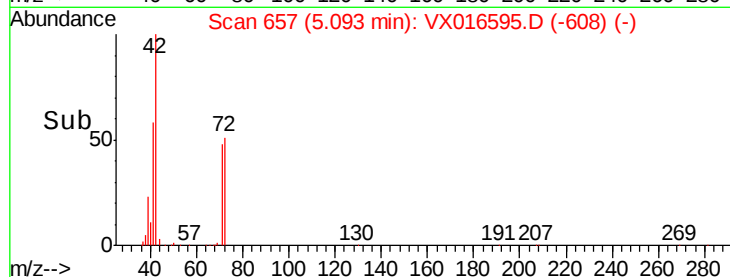
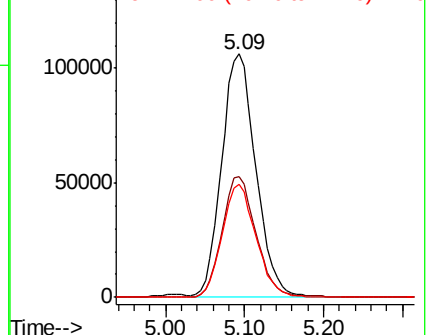
71 46.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.109 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016595.D

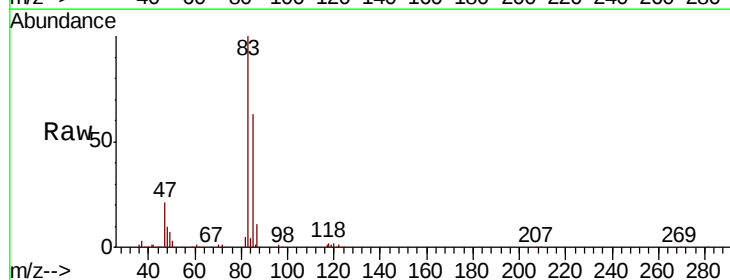
Acq: 04 Jun 2020 20:32

Tgt Ion: 83 Resp: 225921

Ion Ratio Lower Upper

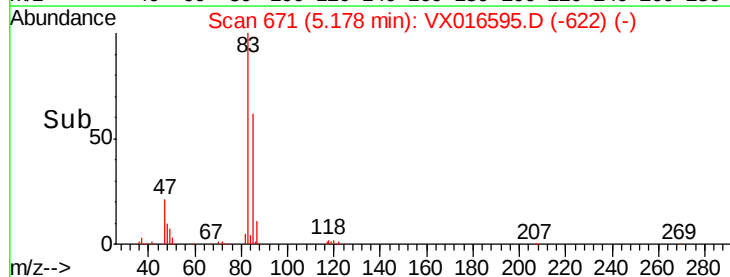
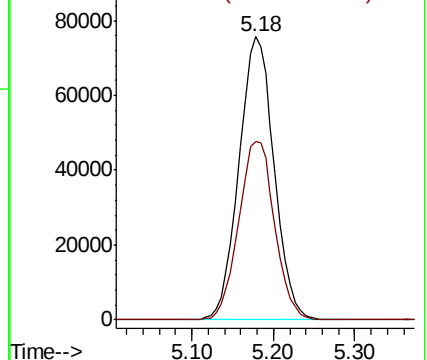
83 100

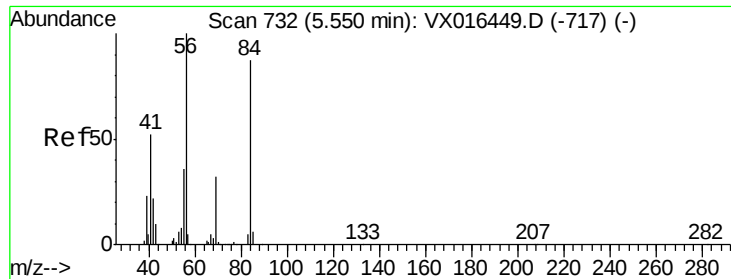
85 63.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

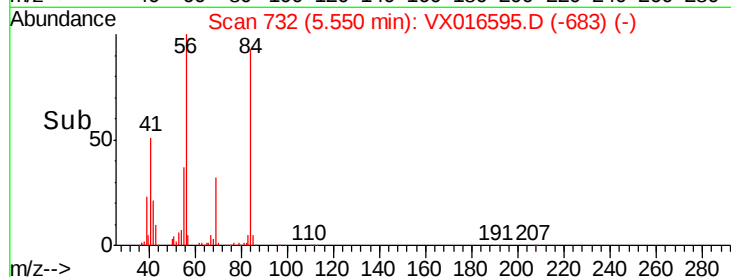
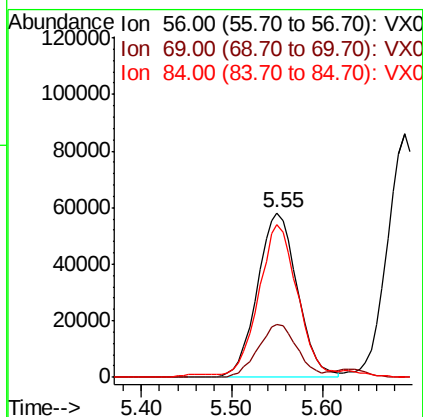
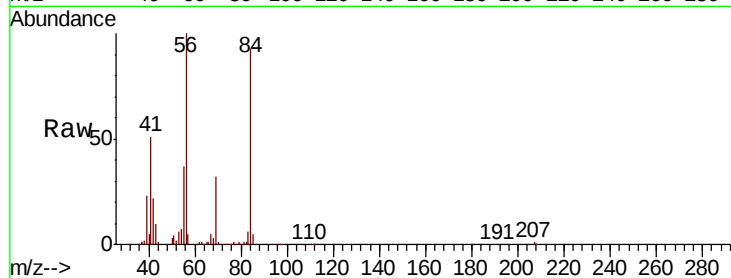




#31
Cyclohexane
Concen: 44.822 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

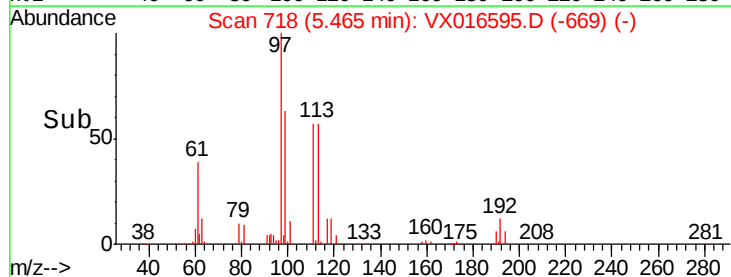
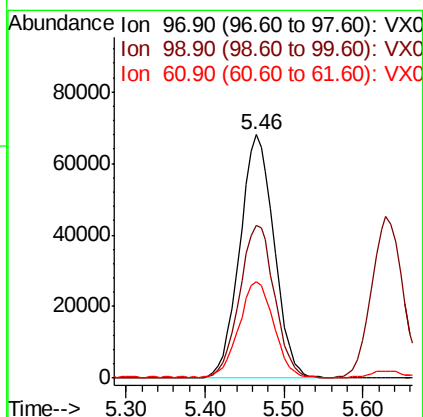
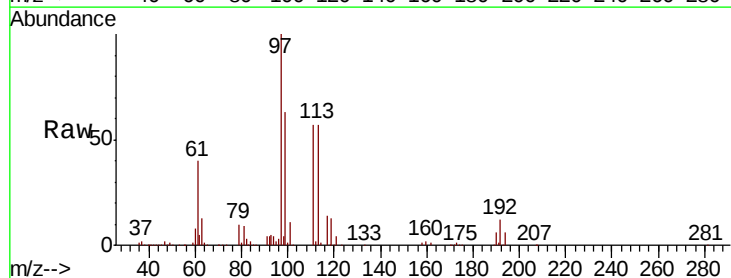
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 176898
Ion Ratio Lower Upper
56 100
69 32.3 25.7 38.5
84 91.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.381 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion: 97 Resp: 205622
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 39.7 33.5 50.3

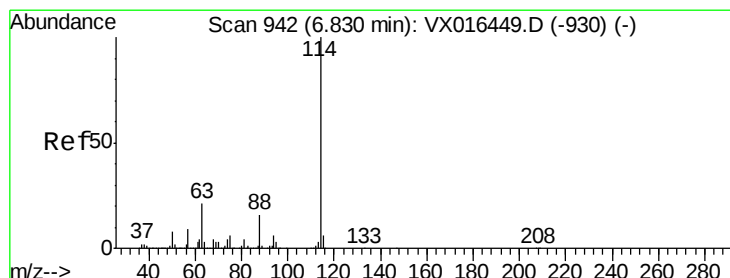
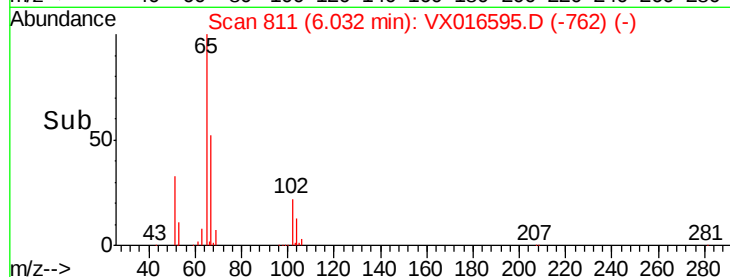
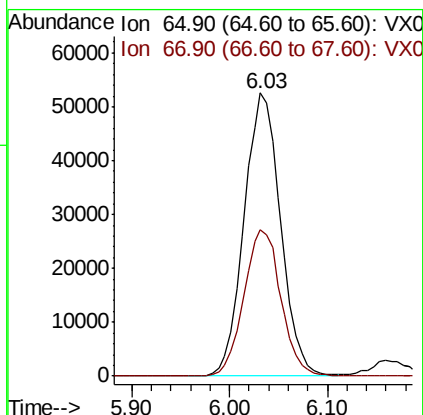
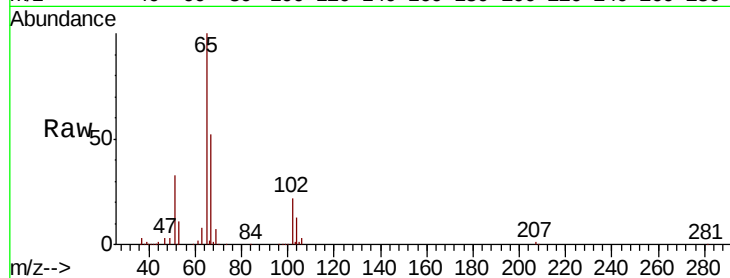




#33
 1,2-Dichloroethane-d4
 Concen: 48.100 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

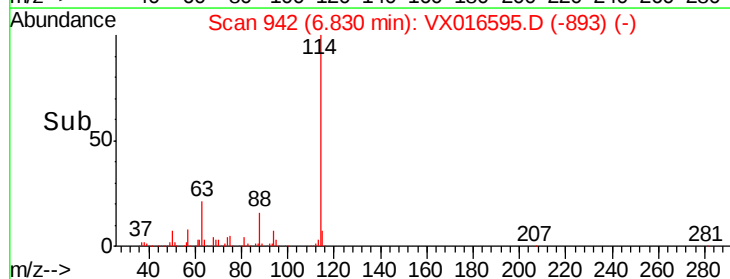
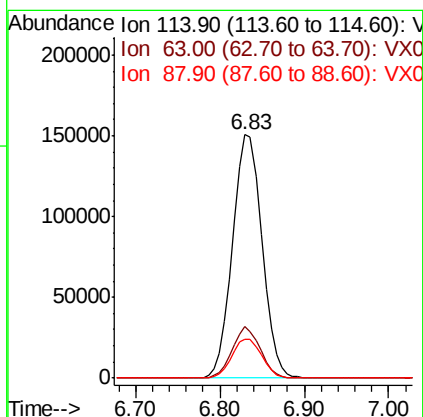
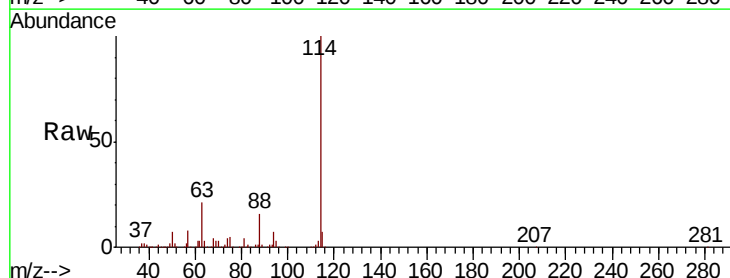
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 136581
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Tgt Ion: 114 Resp: 357340
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.6
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.471 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampled :

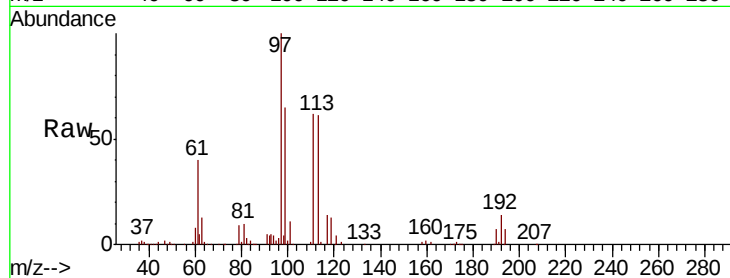
Tot Ion:113 Resp: 111051

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

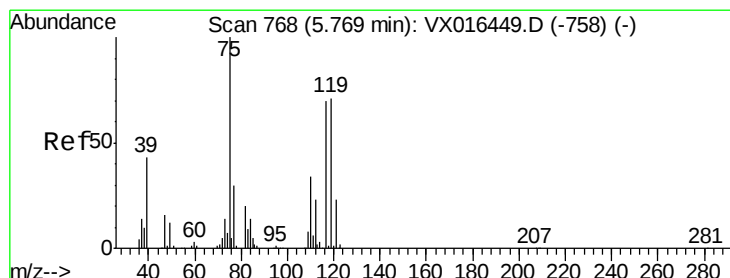
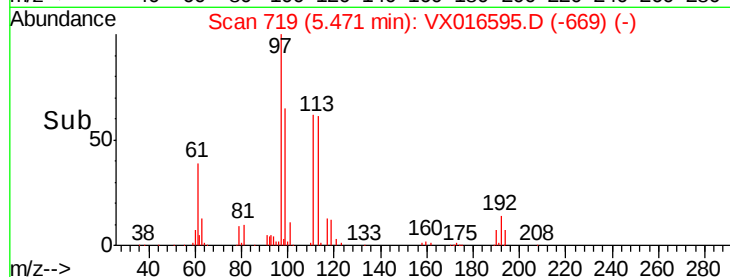
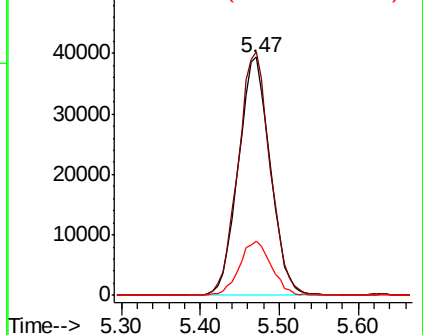
192 22.7 17.7 26.5



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: 48.820 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

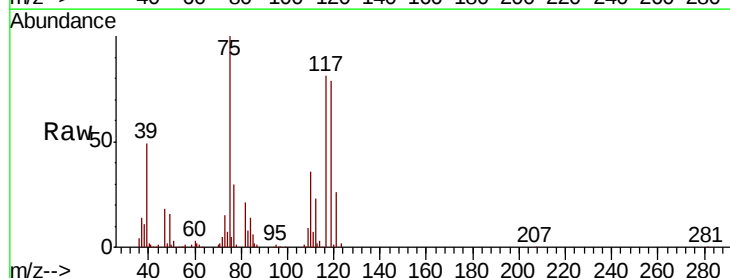
Tgt Ion: 75 Resp: 165173

Ion Ratio Lower Upper

75 100

110 36.1 17.4 52.3

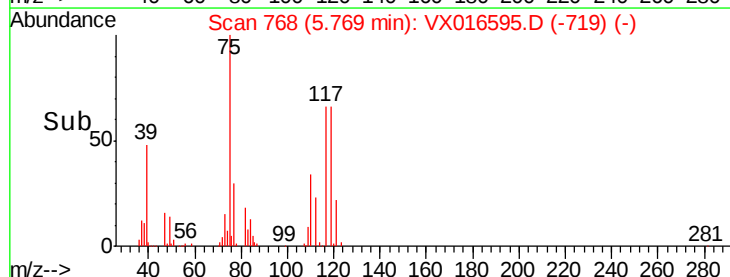
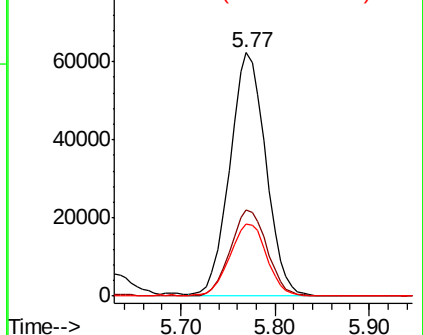
77 30.5 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

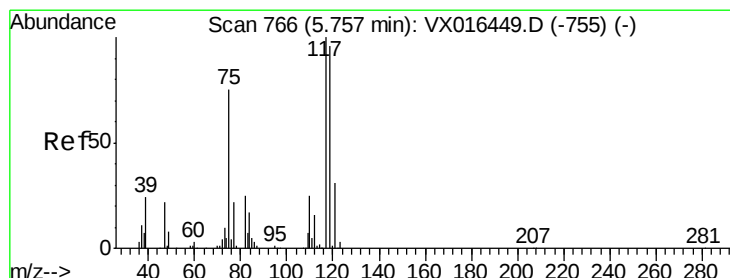
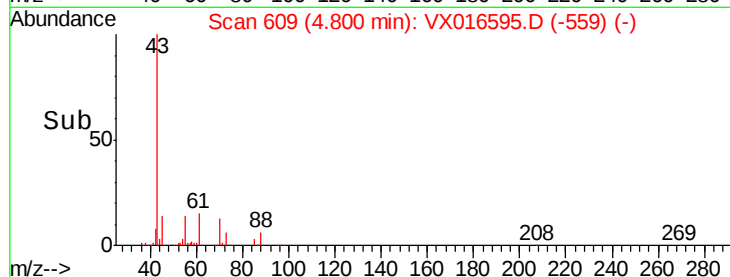
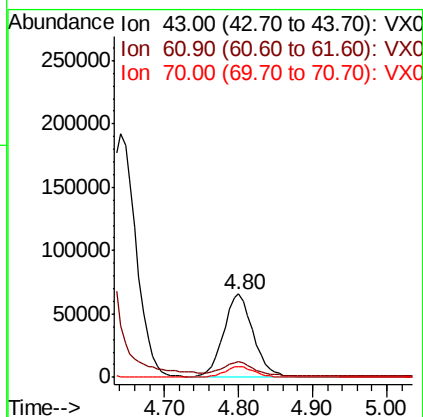
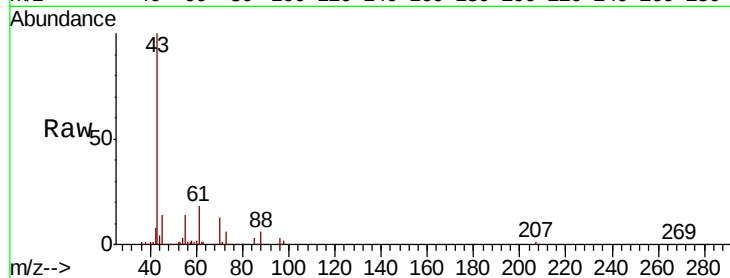




#37
Ethyl Acetate
Concen: 44.915 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

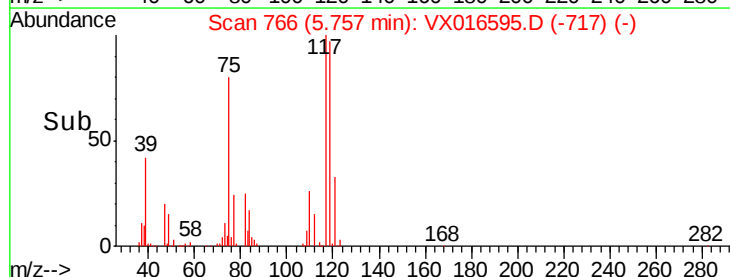
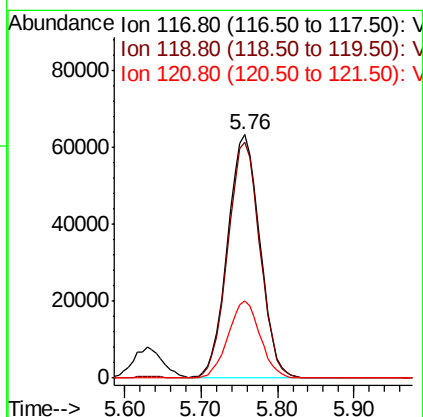
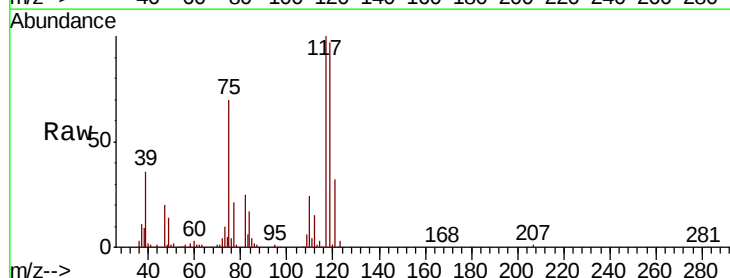
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 182445
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 12.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 52.098 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion: 117 Resp: 185236
Ion Ratio Lower Upper
117 100
119 97.1 76.3 114.5
121 31.9 24.6 37.0

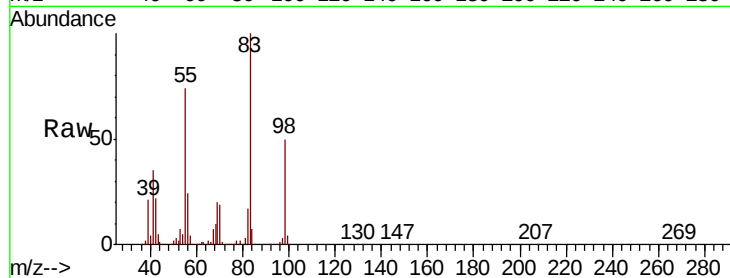




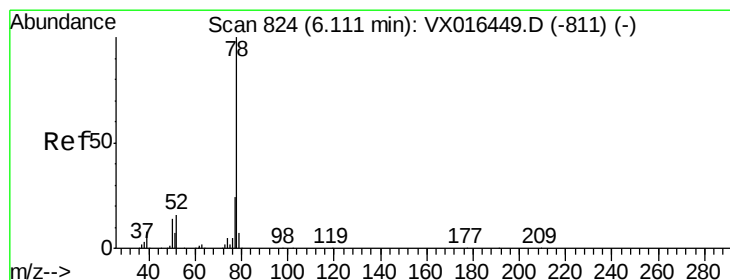
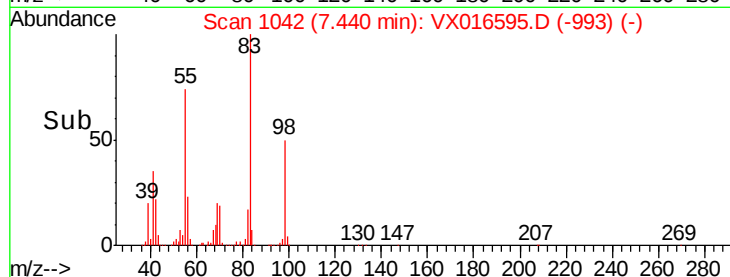
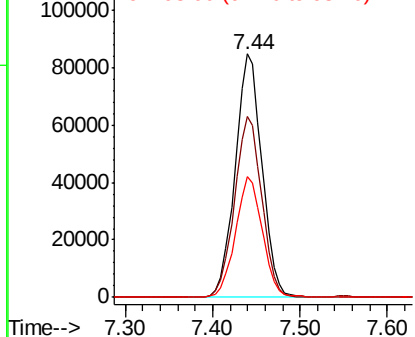
#39
Methvlcvclohexane
Concen: 49.079 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 180360
Ion Ratio Lower Upper
83 100
55 74.3 61.7 92.5
98 49.7 38.7 58.1

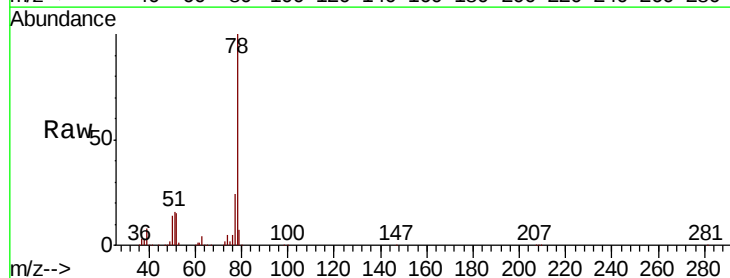


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

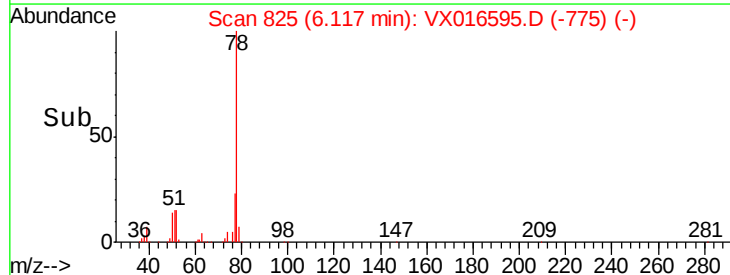
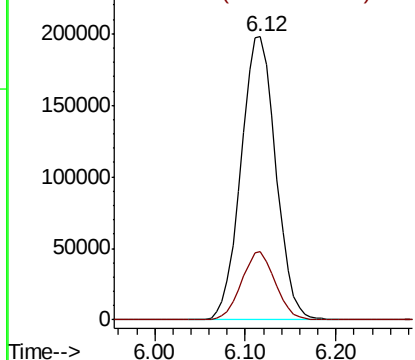


#40
Benzene
Concen: 52.232 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion: 78 Resp: 526255
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3



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

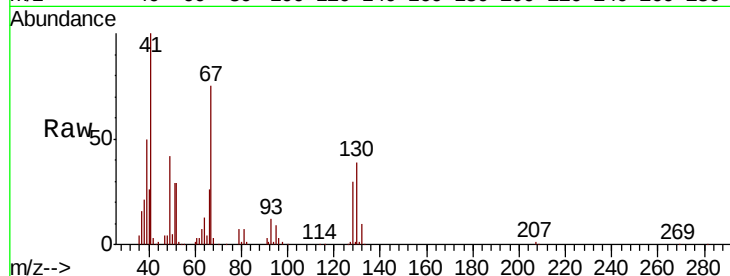




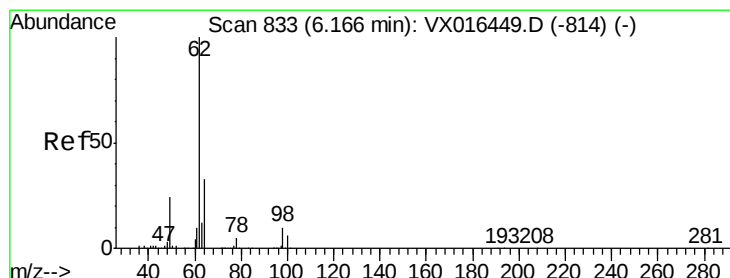
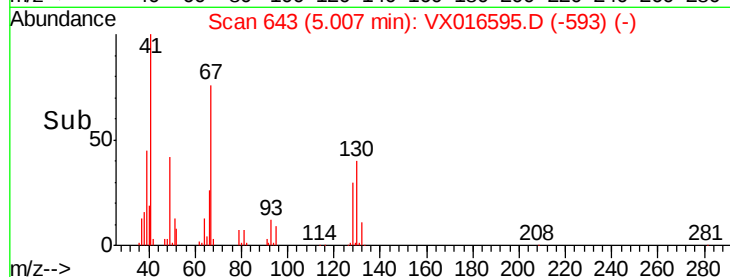
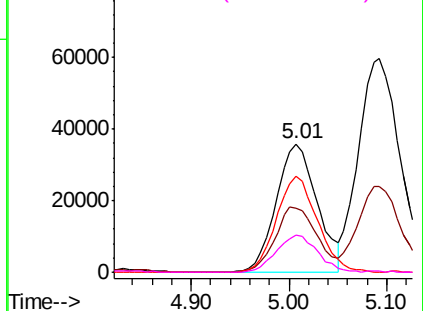
#41
Methacrylonitrile
Concen: 46.981 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	104824
Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.0	64.4
67	75.0	58.9	88.3
52	29.5	23.1	34.7

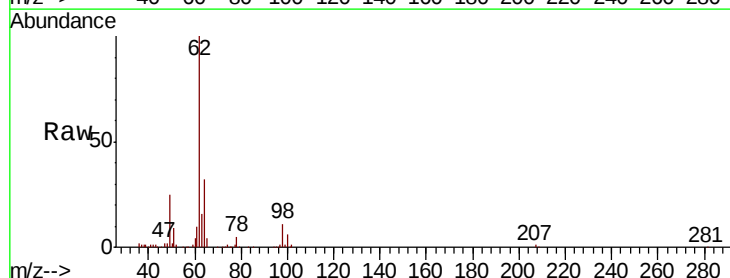


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

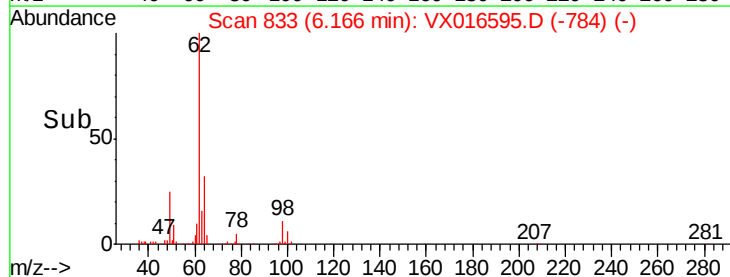
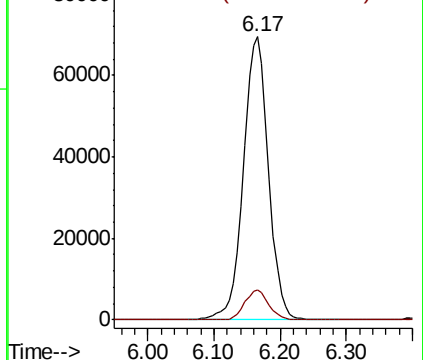


#42
1,2-Dichloroethane
Concen: 51.042 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion:	62	Resp:	182889
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



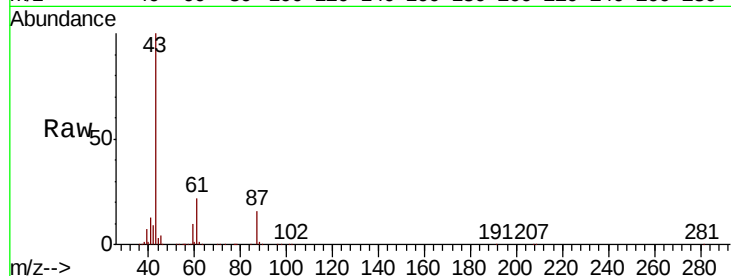


#43

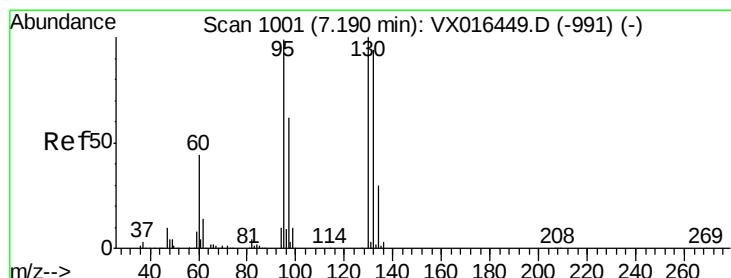
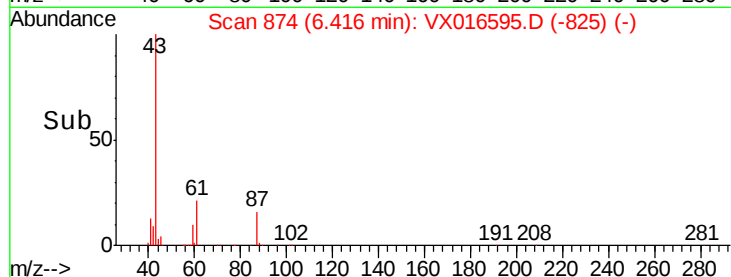
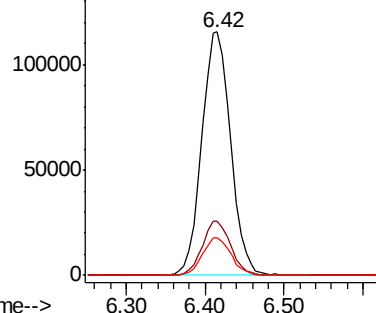
Isopropyl Acetate
 Concen: 46.169 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.4	11.2	16.8



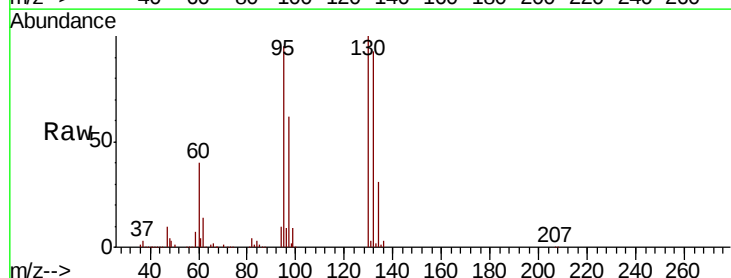
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



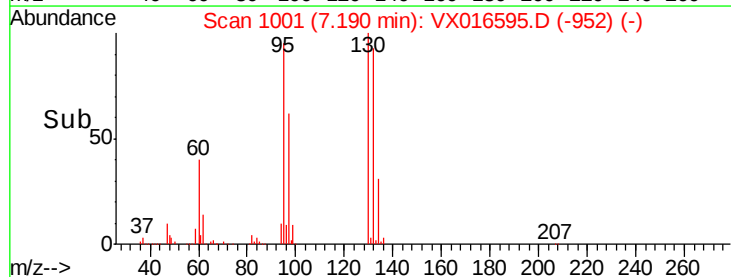
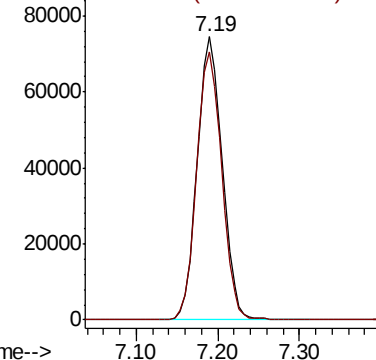
#44

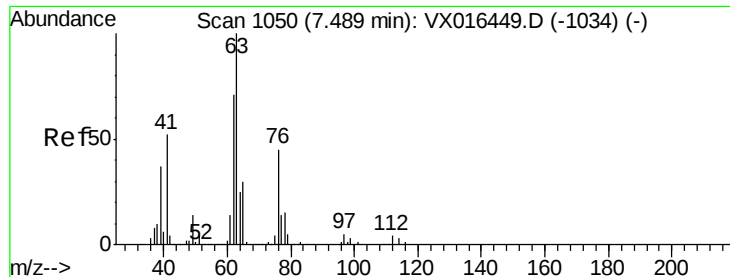
Trichloroethene
 Concen: 49.270 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	198.2



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

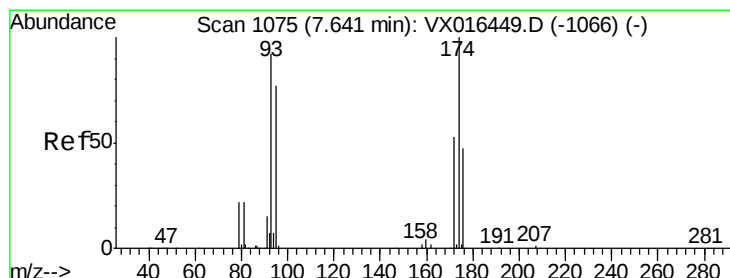
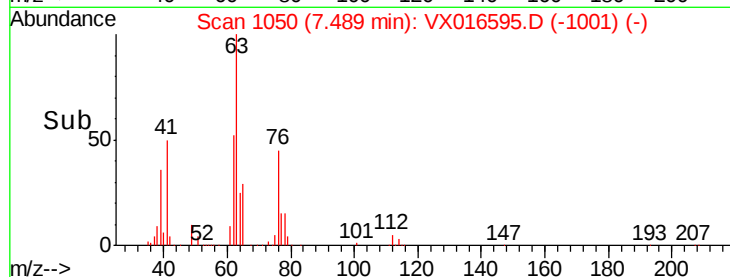
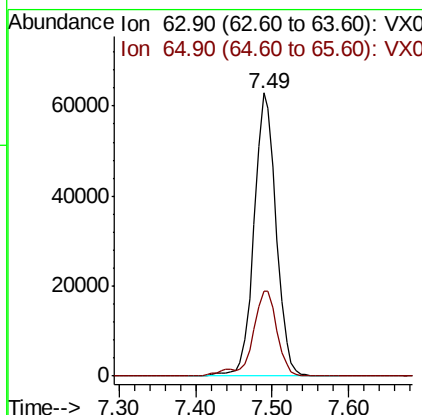
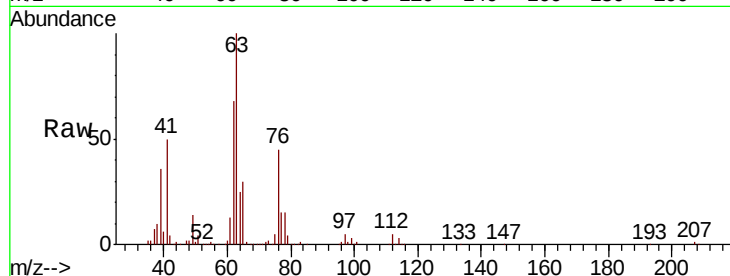




#45
 1,2-Dichloropropane
 Concen: 49.542 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

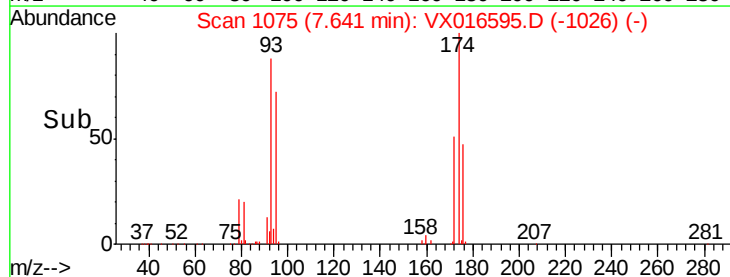
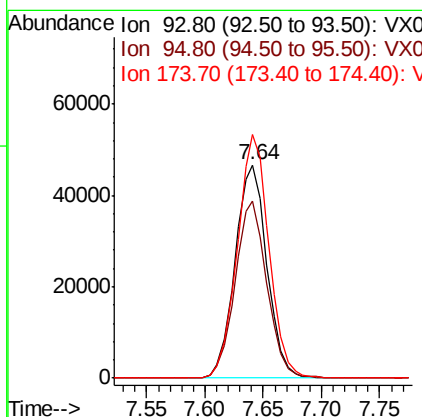
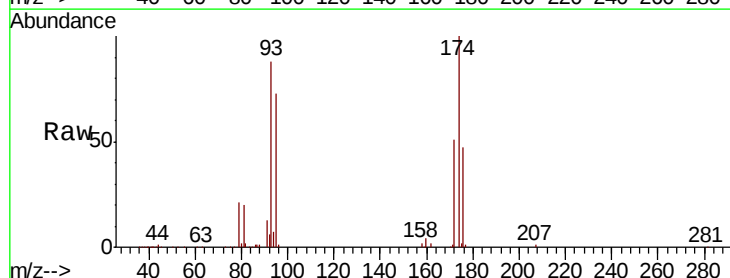
Instrument :
 MSVOA_X
 ClientSampleId :

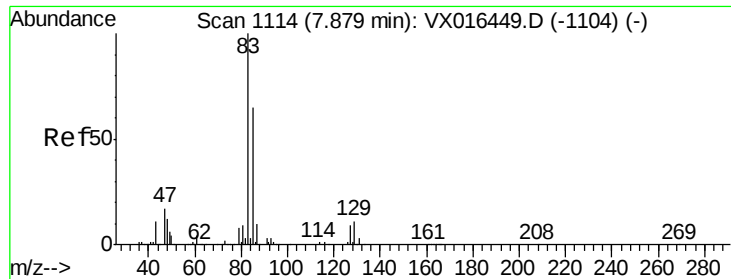
Tot Ion: 63 Resp: 127075
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.2



#46
 Dibromomethane
 Concen: 51.627 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Tgt Ion: 93 Resp: 88943
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 113.7 86.2 129.4





#47

Bromodichloromethane

Concen: 52.284 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

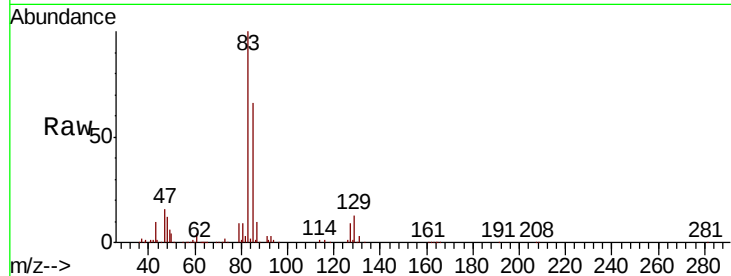
Tot Ion: 83 Resp: 186508

Ion Ratio Lower Upper

83 100

85 65.8 52.0 78.0

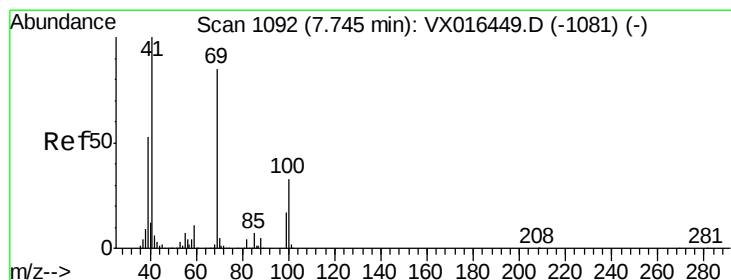
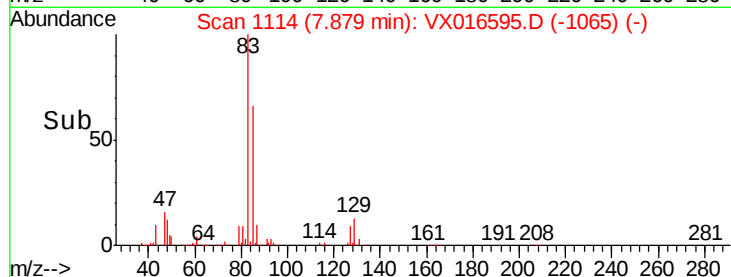
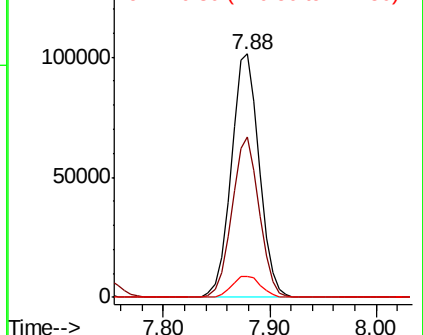
127 8.7 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.633 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

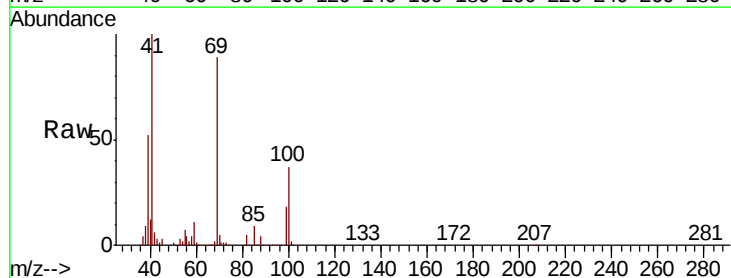
Tgt Ion: 41 Resp: 144502

Ion Ratio Lower Upper

41 100

69 91.4 68.6 102.8

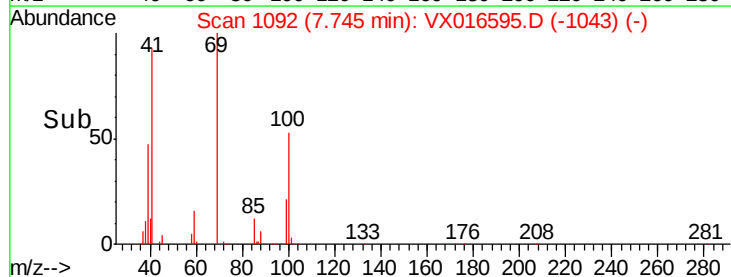
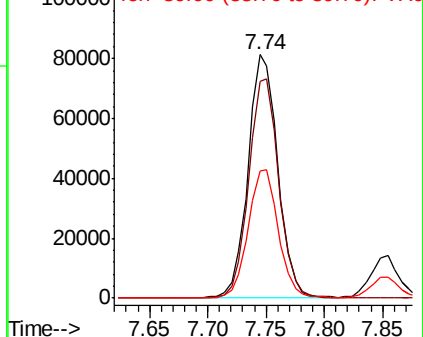
39 53.6 42.4 63.6

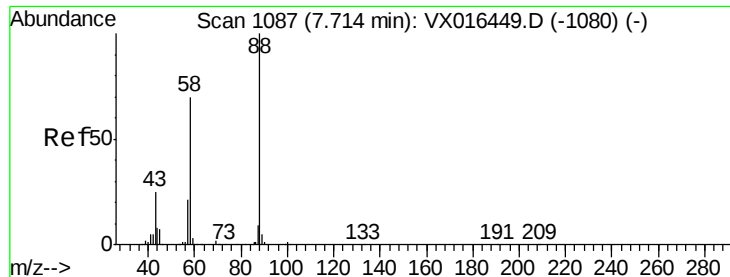


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 903.061 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

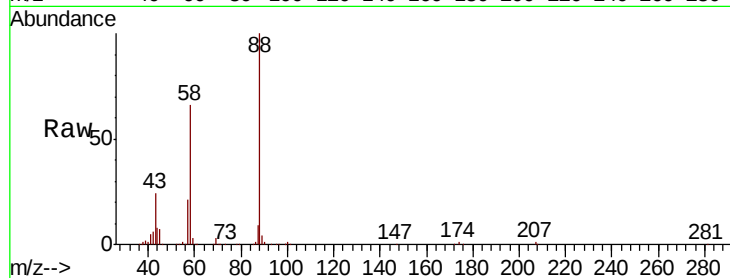
Tot Ion: 88 Resp: 64113

Ion Ratio Lower Upper

88 100

43 29.3 24.2 36.4

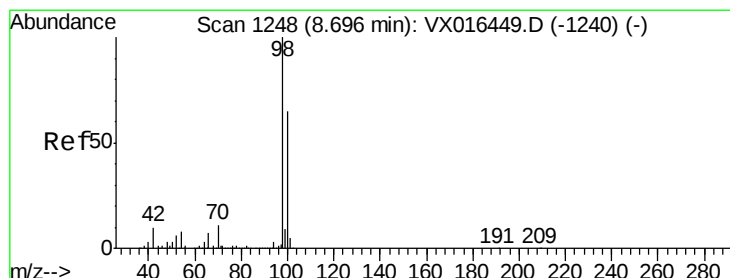
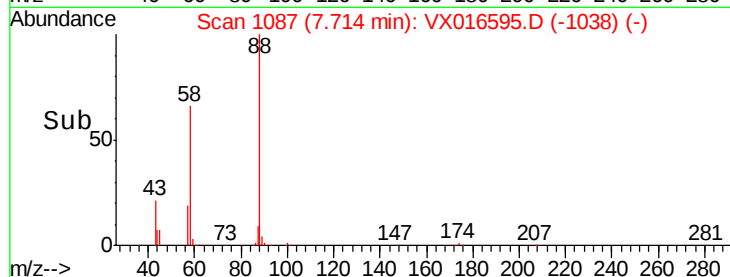
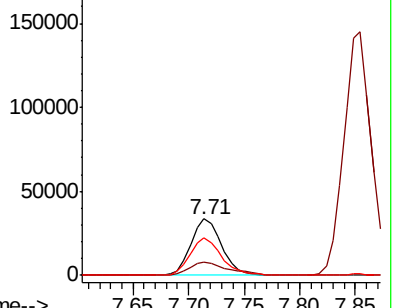
58 68.5 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.789 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016595.D

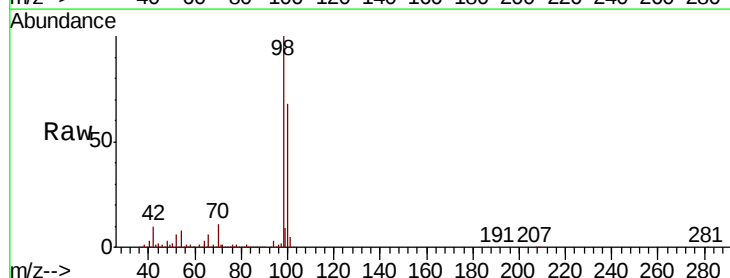
Acq: 04 Jun 2020 20:32

Tgt Ion: 98 Resp: 426395

Ion Ratio Lower Upper

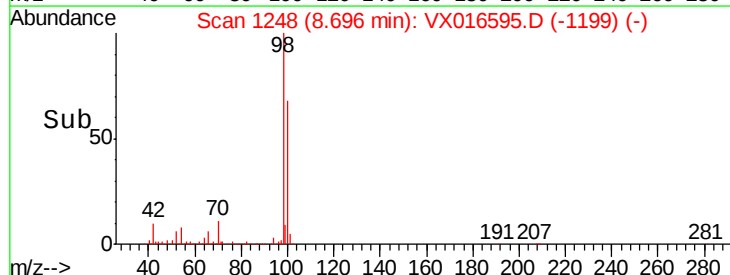
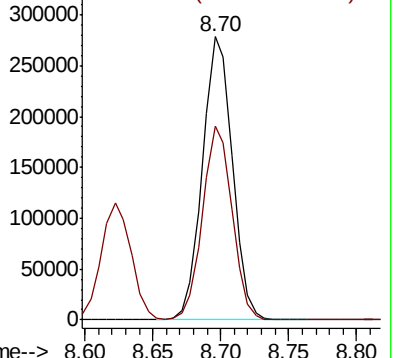
98 100

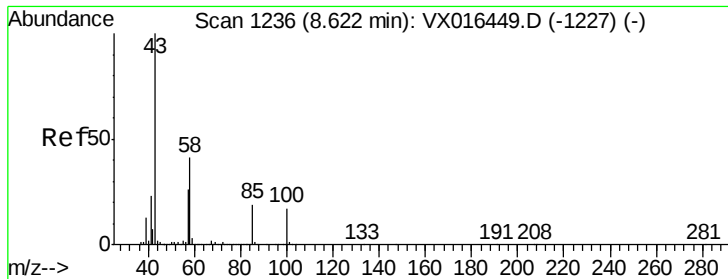
100 67.8 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 240.992 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

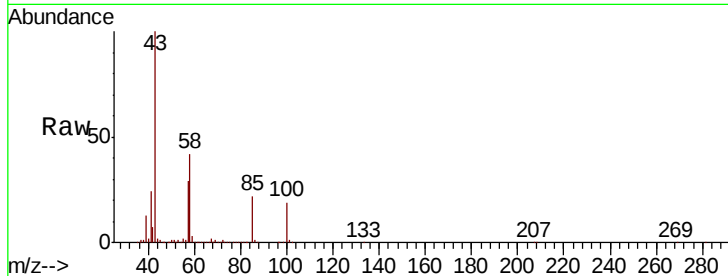
ClientSampleId :

Tot Ion: 43 Resp: 950752

Ion Ratio Lower Upper

43 100

58 43.0 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

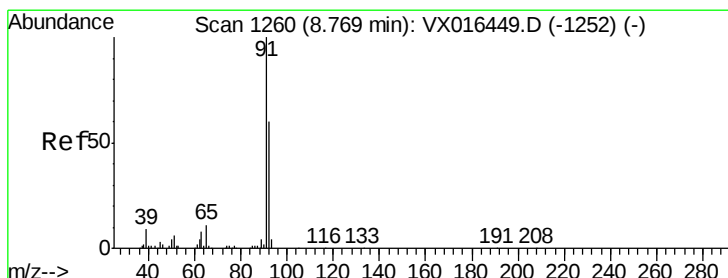
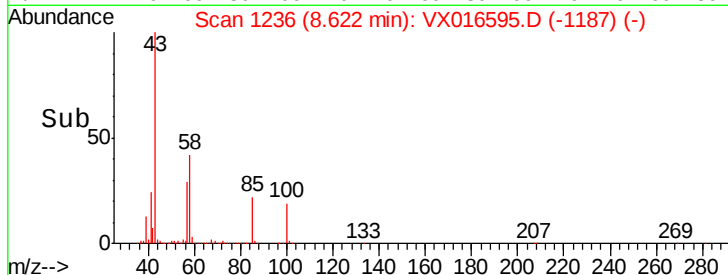
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.341 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016595.D

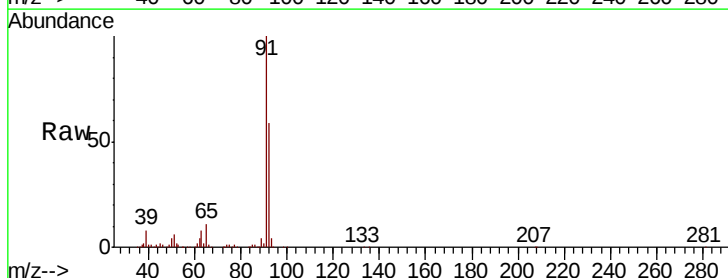
Acq: 04 Jun 2020 20:32

Tgt Ion: 92 Resp: 332549

Ion Ratio Lower Upper

92 100

91 167.0 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

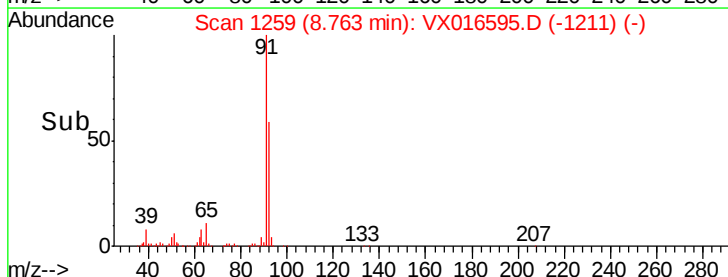
300000

200000

100000

0

Time-->

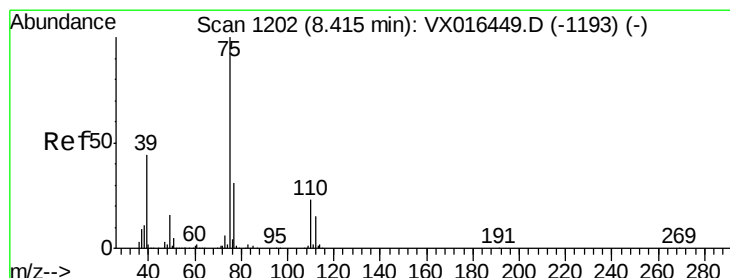
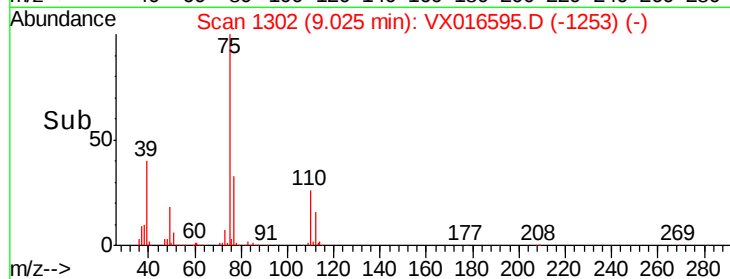
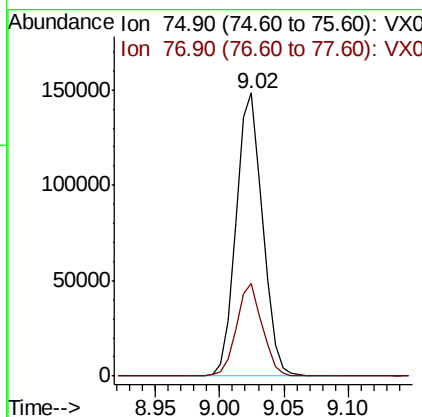
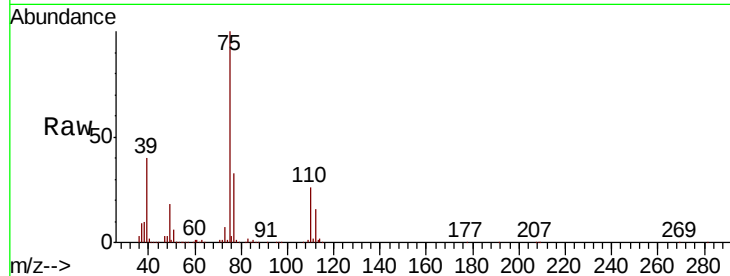




#53
 t-1,3-Dichloropropene
 Concen: 52.361 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

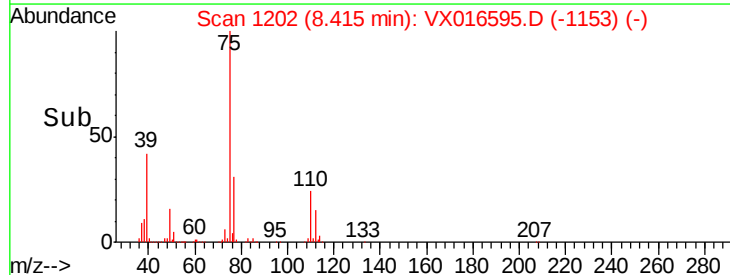
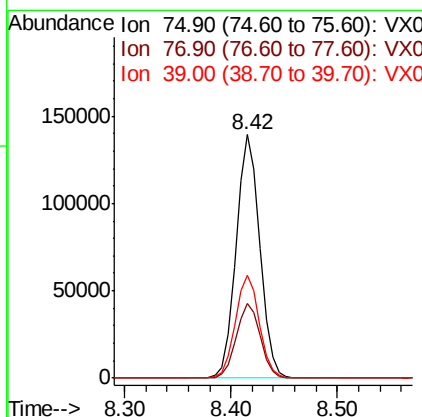
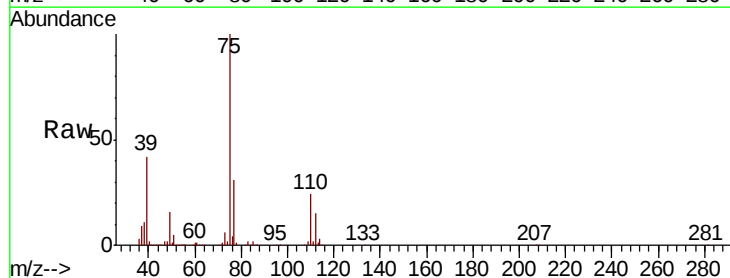
Instrument :
 MSVOA_X
 ClientSampleId :

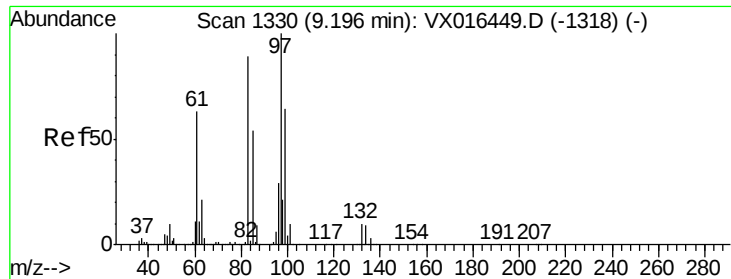
Tot Ion: 75 Resp: 212393
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.708 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Tgt Ion: 75 Resp: 217713
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 42.0 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 52.544 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 132733

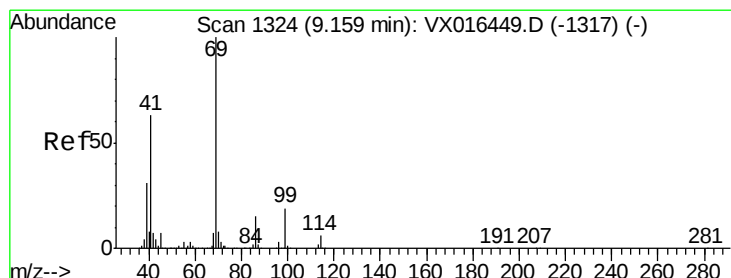
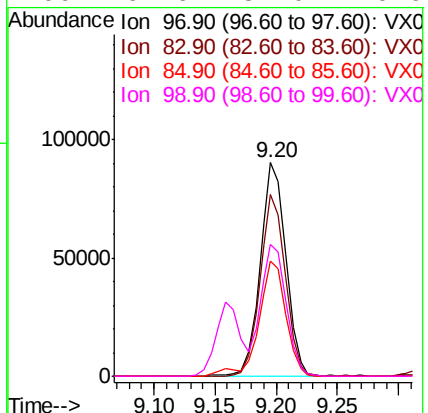
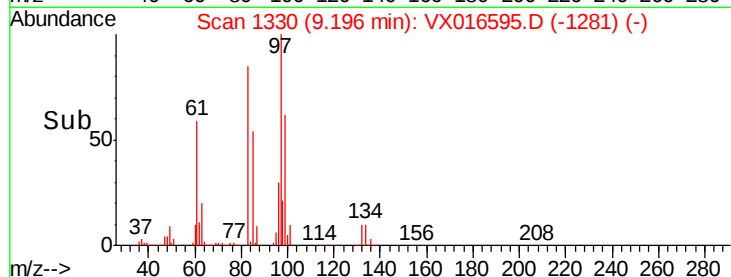
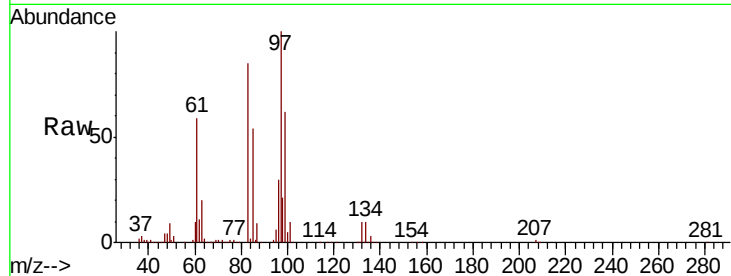
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.9	106.3
85	54.0	43.4	65.2
99	61.6	51.0	76.6

97 100

83 85.0 70.9 106.3

85 54.0 43.4 65.2

99 61.6 51.0 76.6



#56

Ethyl methacrylate

Concen: 50.987 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

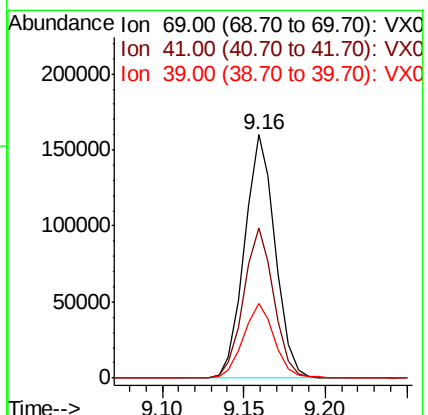
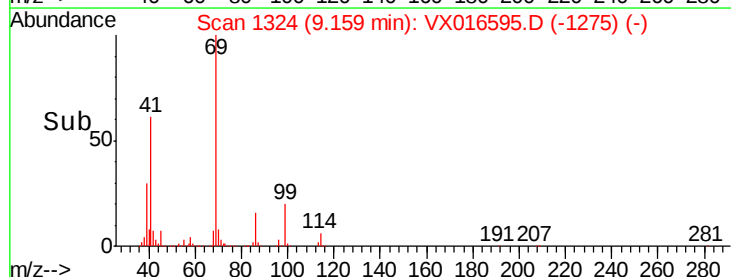
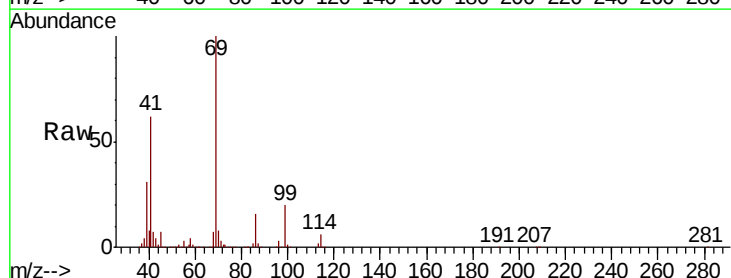
Tgt Ion: 69 Resp: 209770

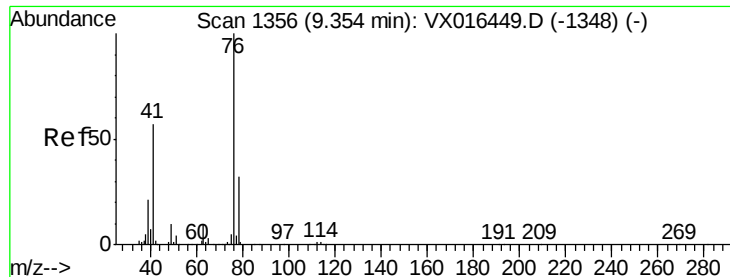
Ion	Ratio	Lower	Upper
69	100		
41	61.1	50.7	76.1
39	31.0	25.8	38.6

69 100

41 61.1 50.7 76.1

39 31.0 25.8 38.6





#57

1,3-Dichloropropane

Concen: 51.095 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

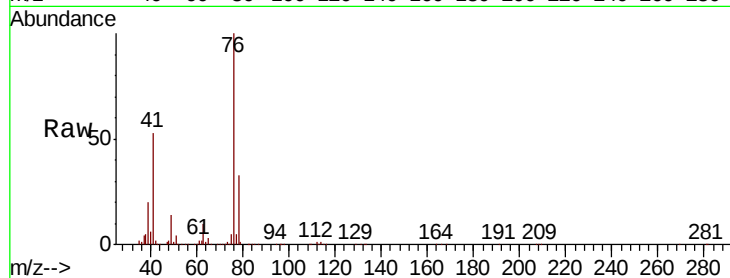
ClientSampleId :

Tot Ion: 76 Resp: 221548

Ion Ratio Lower Upper

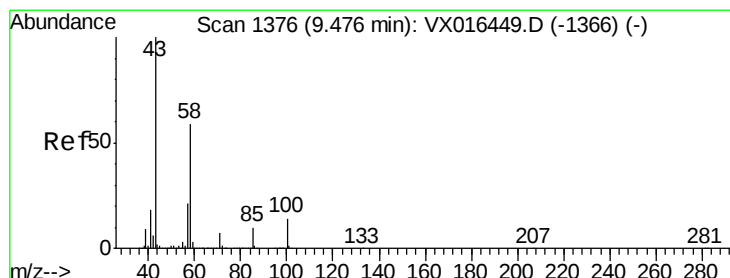
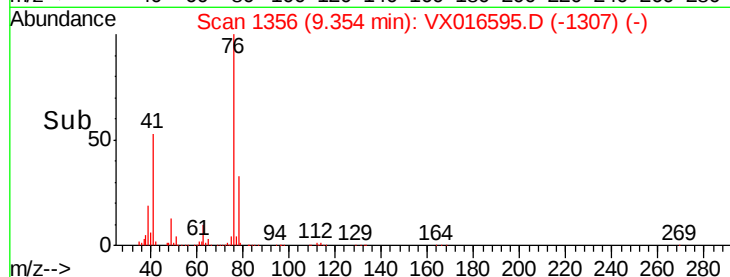
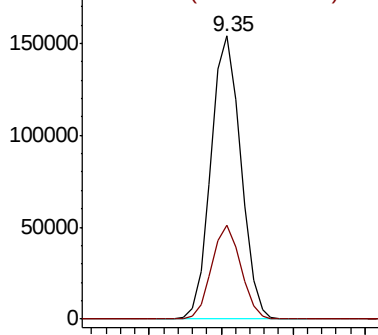
76 100

78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 244.636 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX016595.D

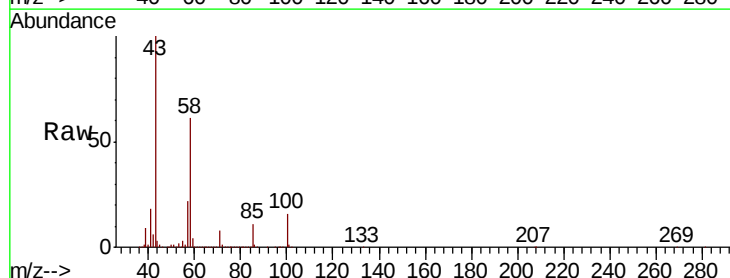
Acq: 04 Jun 2020 20:32

Tgt Ion: 43 Resp: 750537

Ion Ratio Lower Upper

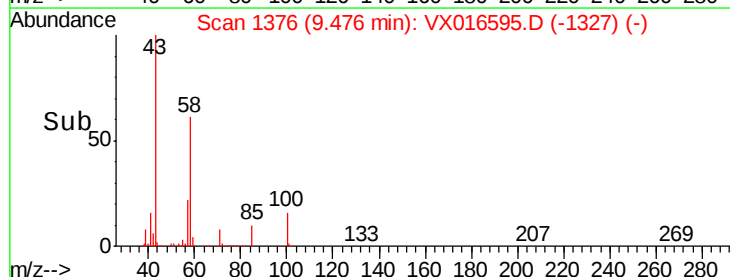
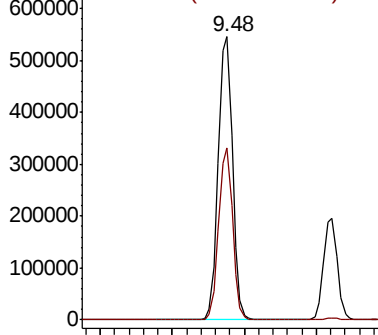
43 100

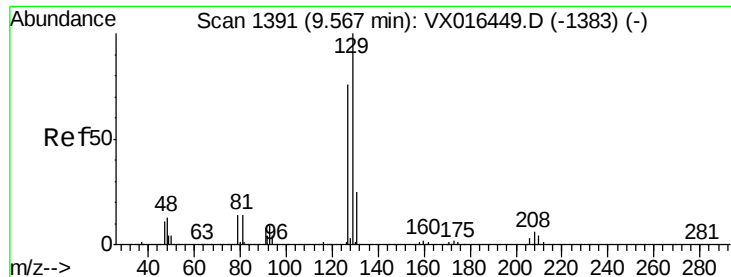
58 59.0 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 54.925 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

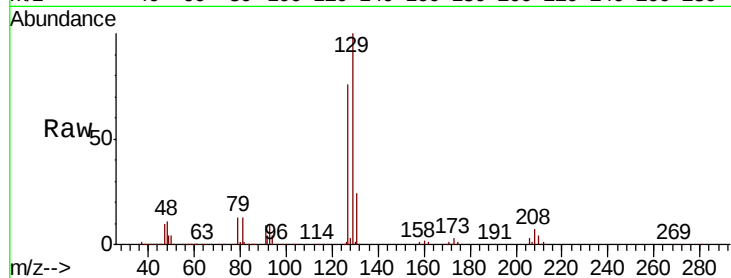
ClientSampleId :

Tot Ion:129 Resp: 156142

Ion Ratio Lower Upper

129 100

127 77.5 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

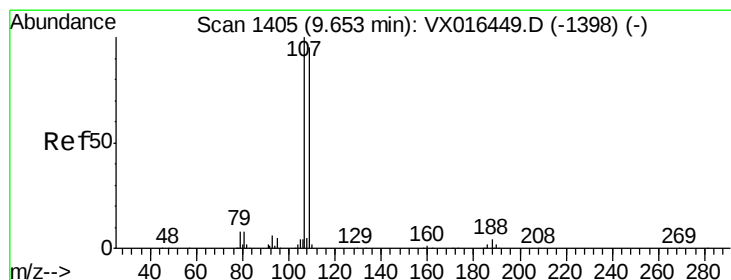
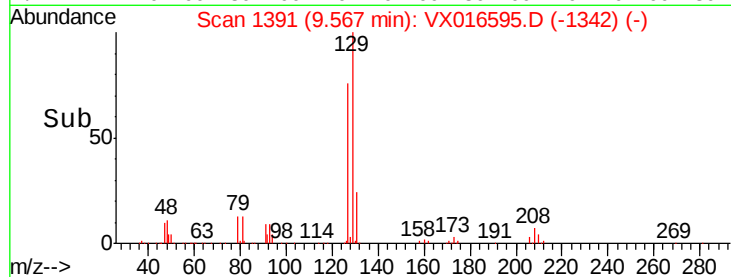
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 53.045 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016595.D

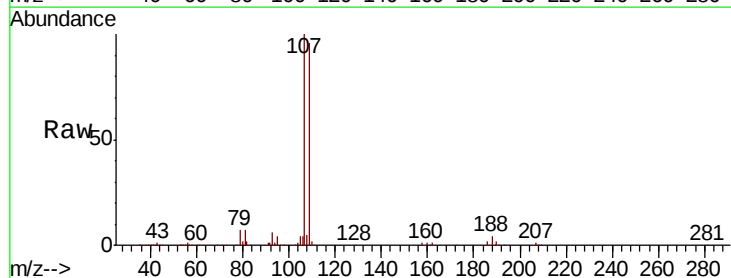
Acq: 04 Jun 2020 20:32

Tgt Ion:107 Resp: 143494

Ion Ratio Lower Upper

107 100

109 95.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

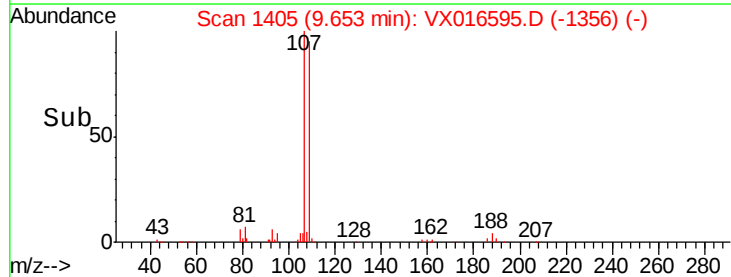
60000

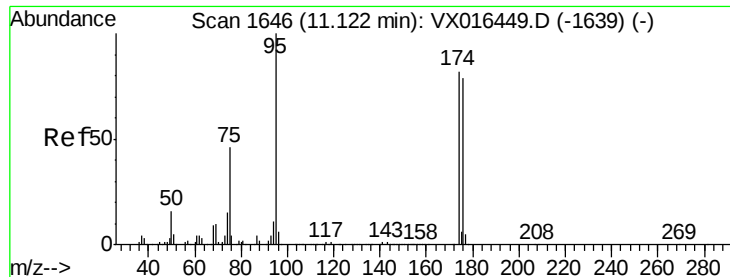
40000

20000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.850 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

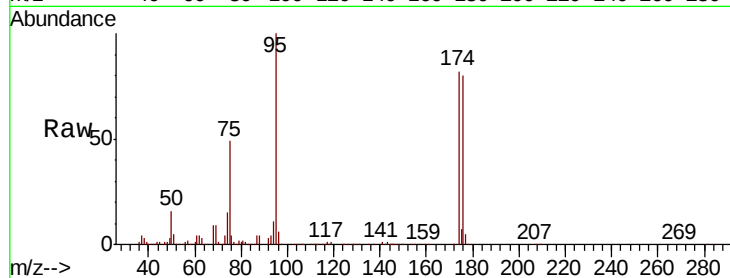
Tot Ion: 95 Resp: 164962

Ion Ratio Lower Upper

95 100

174 83.4 0.0 163.0

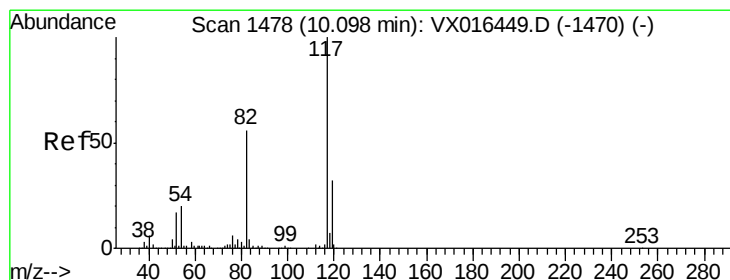
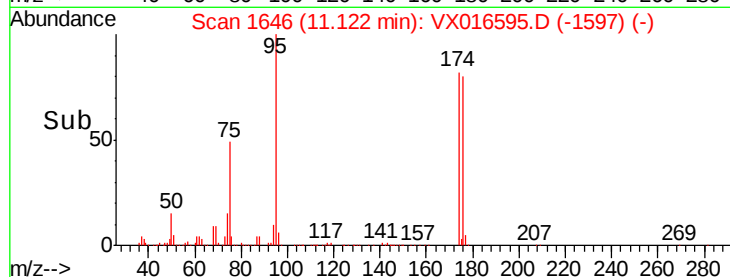
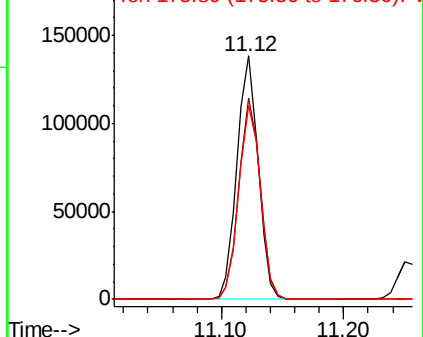
176 81.5 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

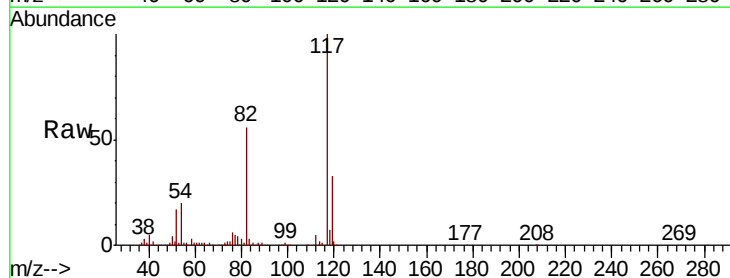
Tgt Ion: 117 Resp: 337747

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.6

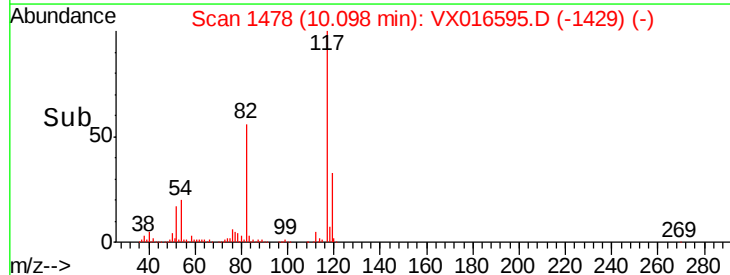
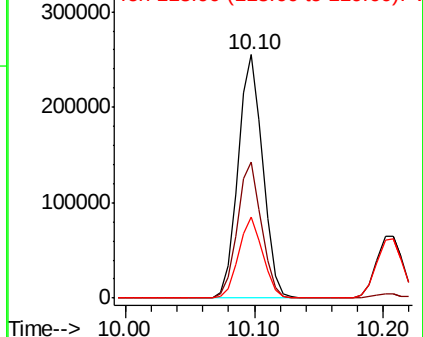
119 33.2 25.8 38.8

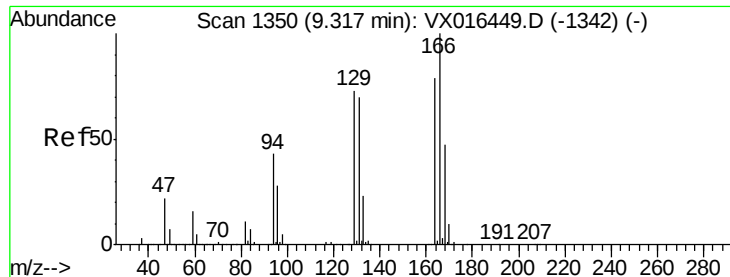


Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)





#64

Tetrachloroethene

Concen: 43.955 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 166091

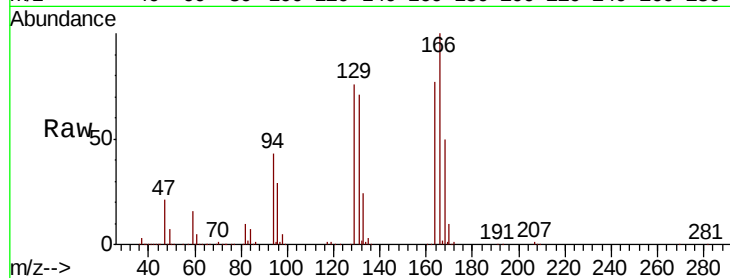
Ion Ratio Lower Upper

164 100

166 130.4 100.9 151.3

129 98.8 73.2 109.8

131 93.1 70.8 106.2

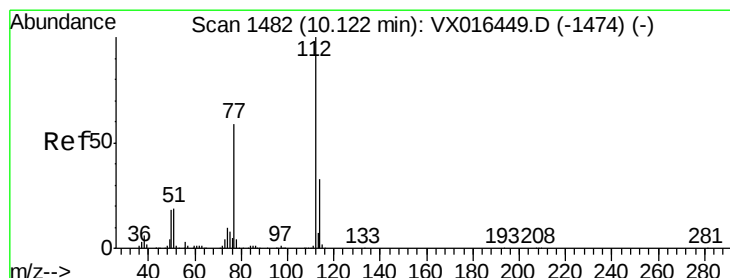
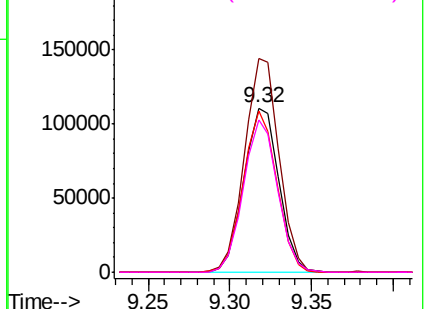
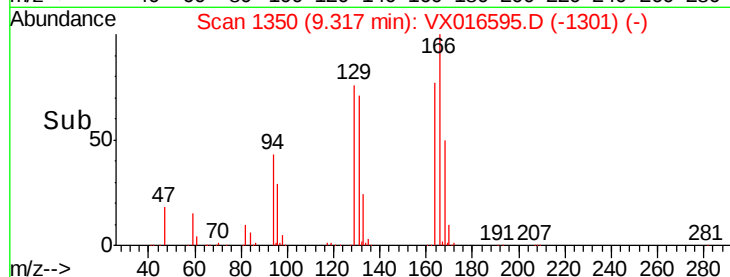


Abundance Ion 163.80 (163.50 to 164.50): V

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: 130.584 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016595.D

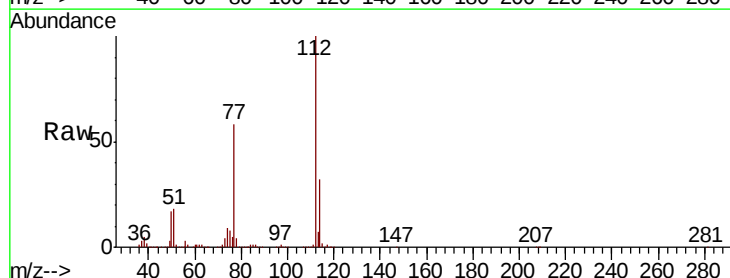
Acq: 04 Jun 2020 20:32

Tgt Ion:112 Resp: 899167

Ion Ratio Lower Upper

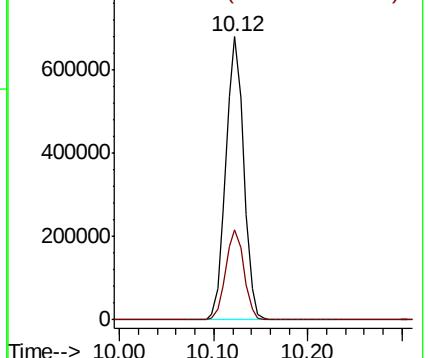
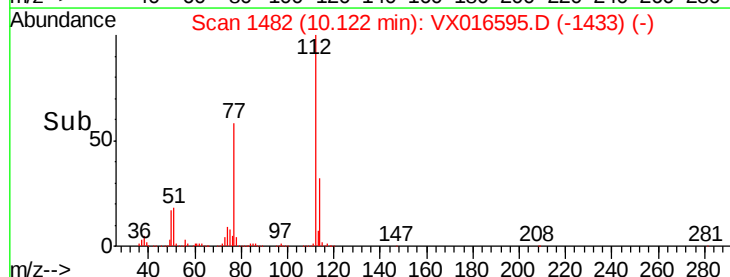
112 100

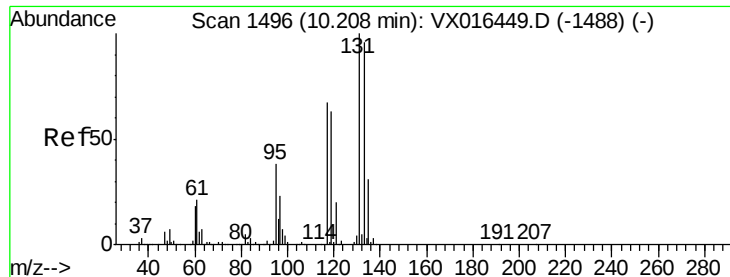
114 31.7 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.420 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

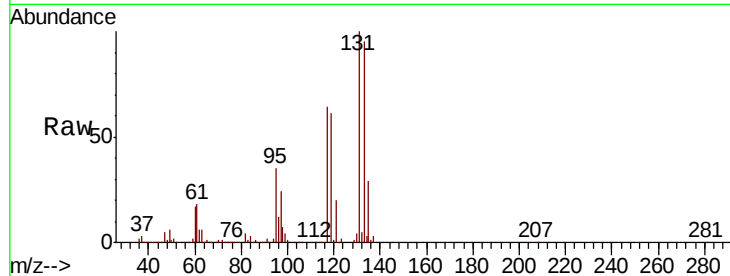
Tot Ion:131 Resp: 140412

Ion Ratio Lower Upper

131 100

133 95.4 48.4 145.3

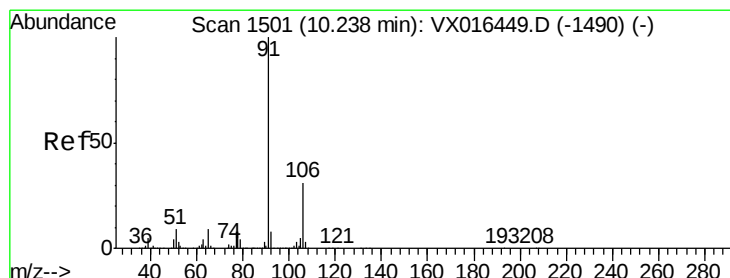
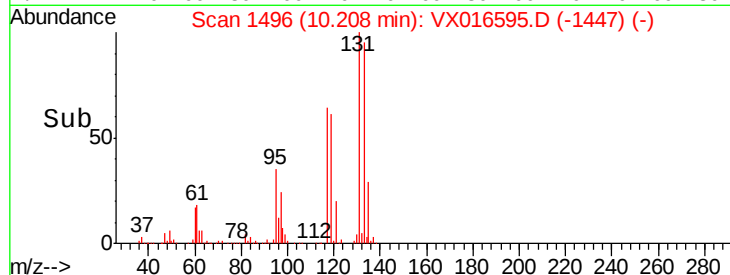
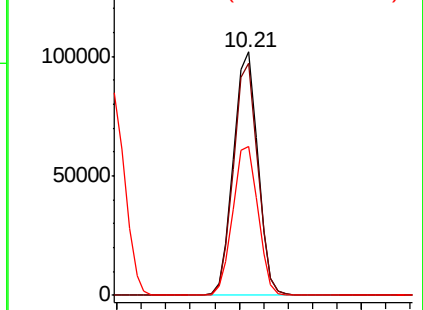
119 62.9 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.958 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016595.D

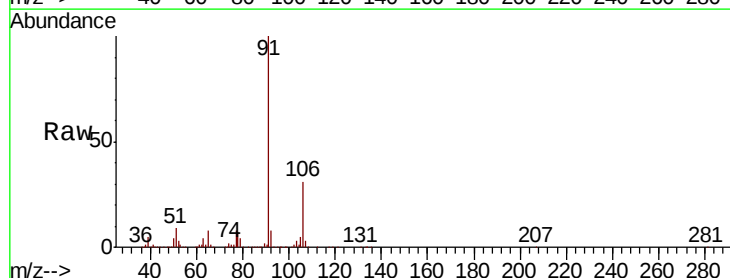
Acq: 04 Jun 2020 20:32

Tgt Ion: 91 Resp: 624724

Ion Ratio Lower Upper

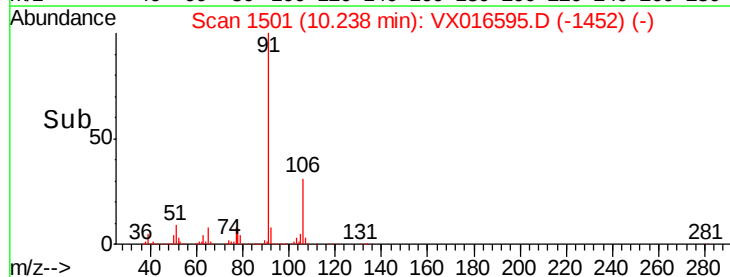
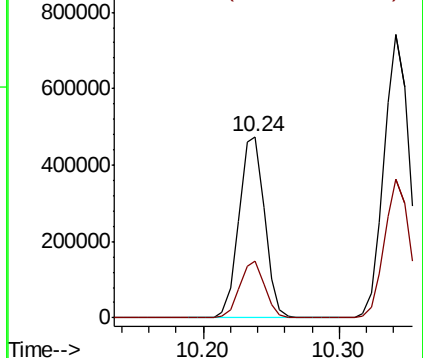
91 100

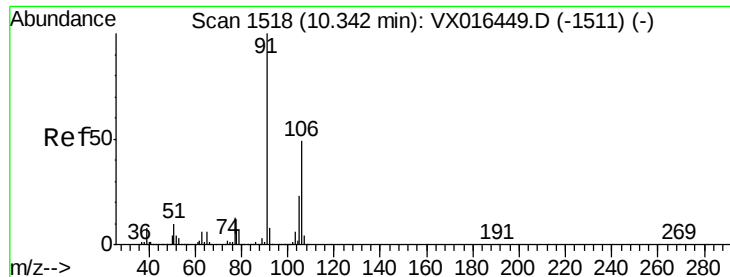
106 31.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

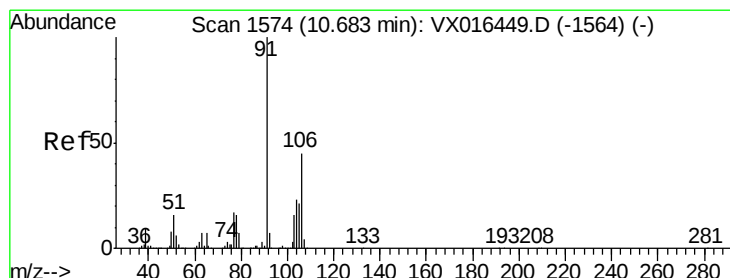
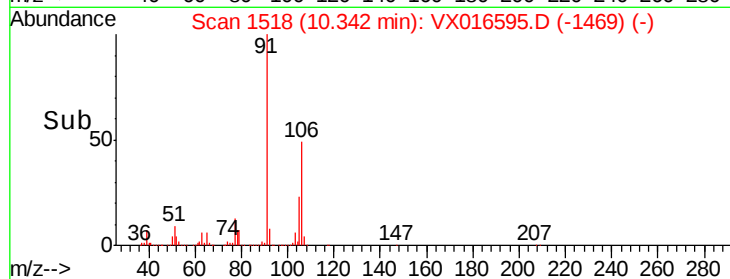
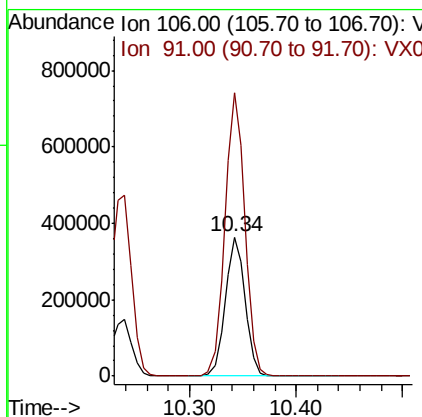
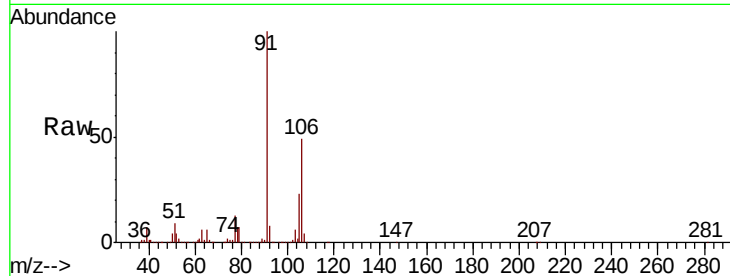




#68
m/p-Xylenes
Concen: 103.643 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

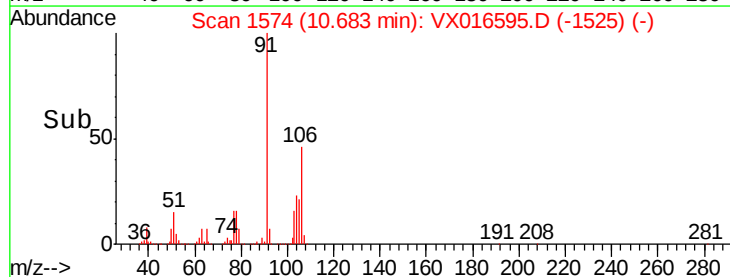
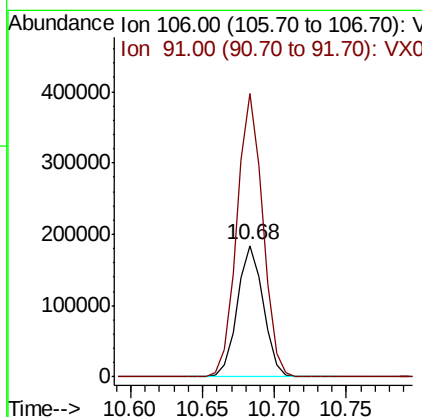
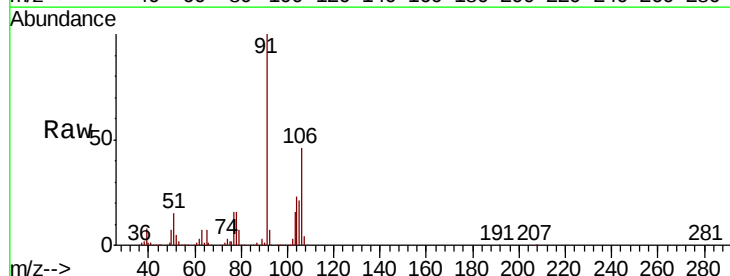
Instrument :
MSVOA_X
ClientSampleId :

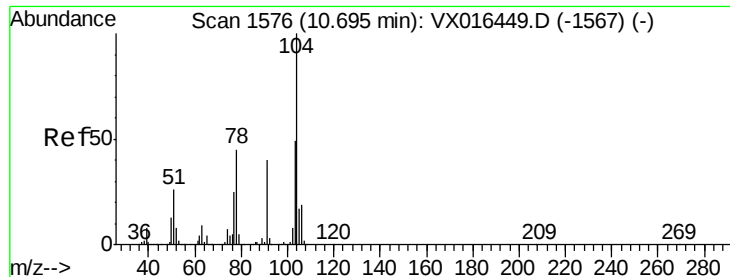
Tot Ion:106 Resp: 471106
Ion Ratio Lower Upper
106 100
91 205.7 163.8 245.8



#69
o-Xylene
Concen: 52.687 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion:106 Resp: 231934
Ion Ratio Lower Upper
106 100
91 214.0 109.6 328.8

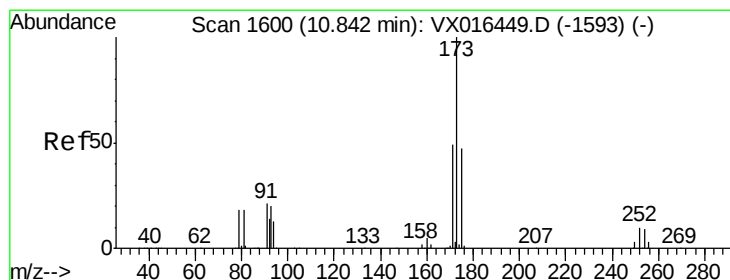
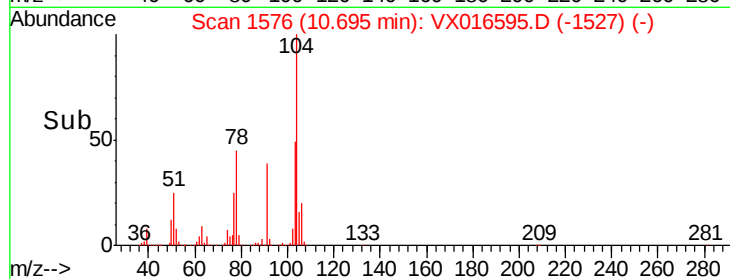
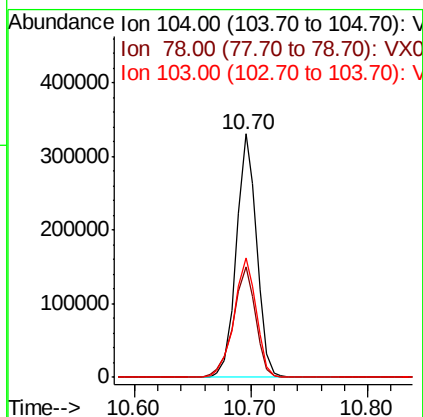
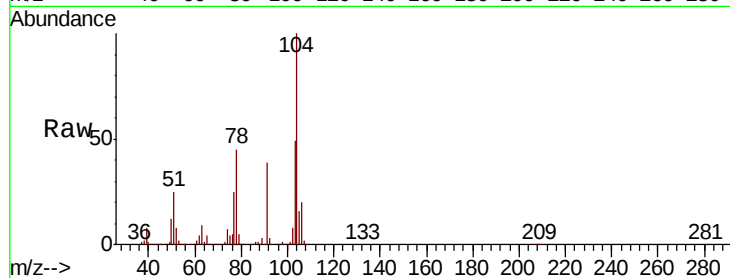




#70
Stvrene
Concen: 53.156 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

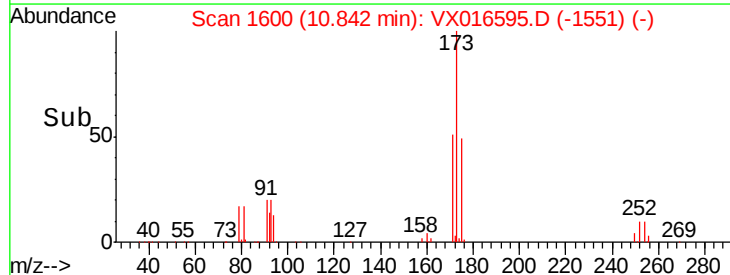
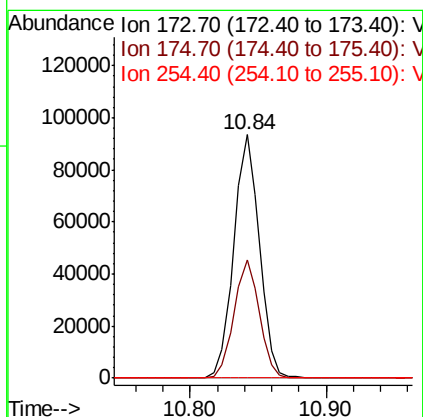
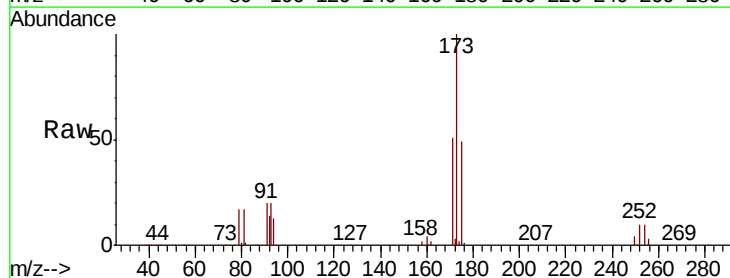
Instrument :
MSVOA_X
ClientSampleId :

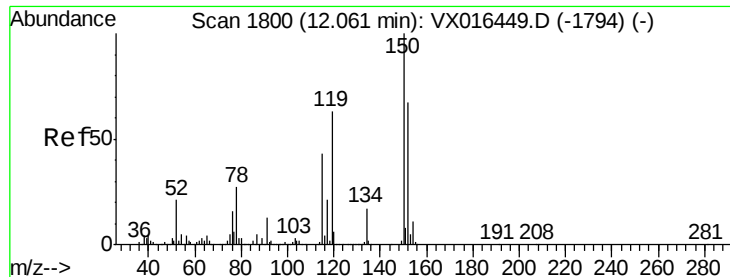
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.9	40.2	60.2
103	53.7	43.1	64.7



#71
Bromoform
Concen: 55.024 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.9	71.7
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

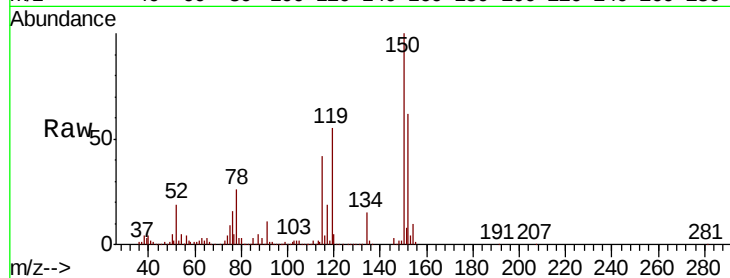
Tot Ion:152 Resp: 168943

Ion Ratio Lower Upper

152 100

115 82.3 39.9 119.6

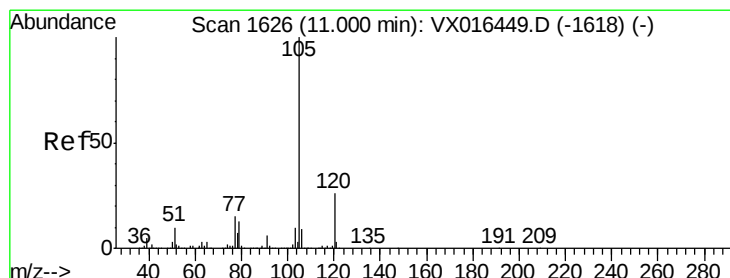
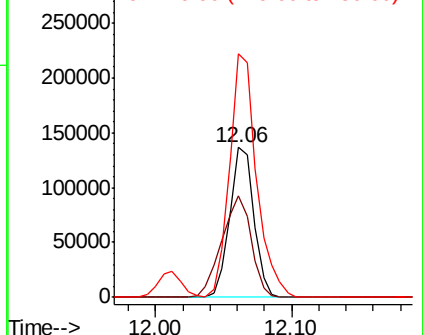
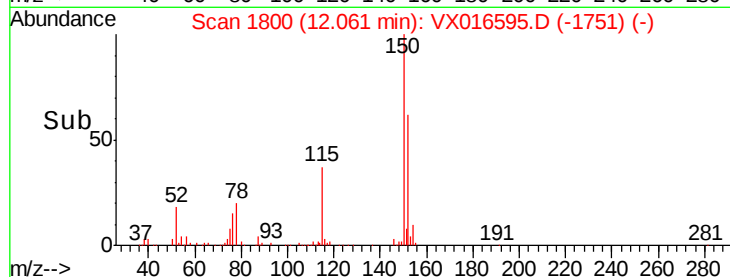
150 181.0 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.881 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016595.D

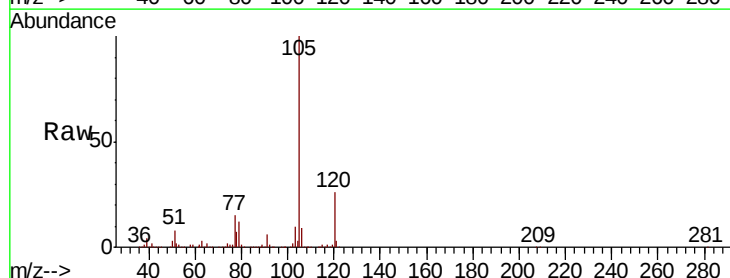
Acq: 04 Jun 2020 20:32

Tgt Ion:105 Resp: 607303

Ion Ratio Lower Upper

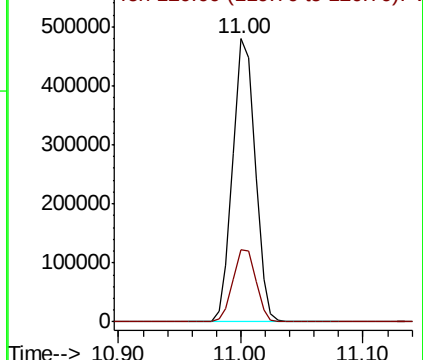
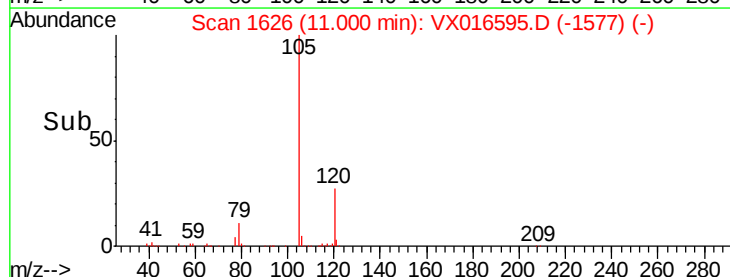
105 100

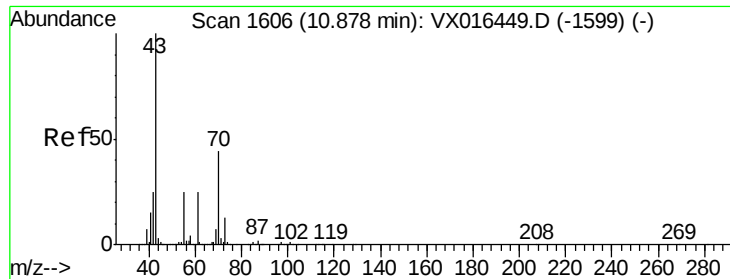
120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.193 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 248718

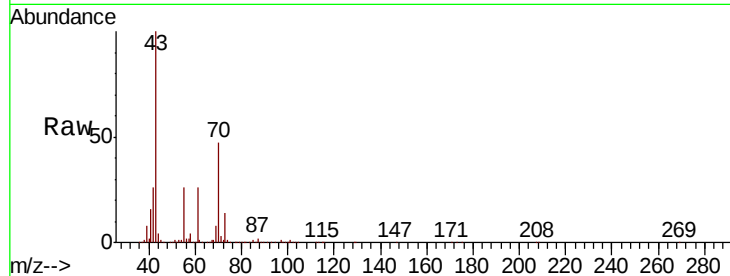
Ion Ratio Lower Upper

43 100

70 48.0 36.1 54.1

55 26.7 20.2 30.4

61 26.7 20.3 30.5

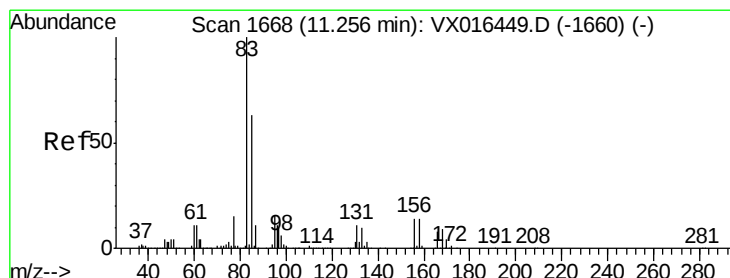
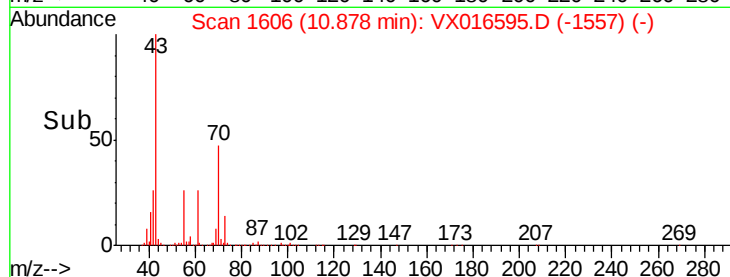
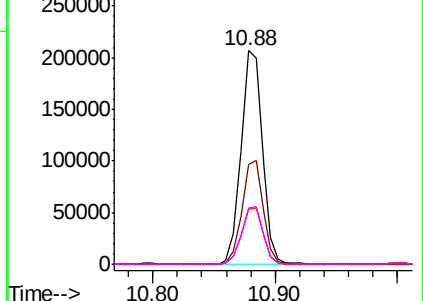


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 58.016 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

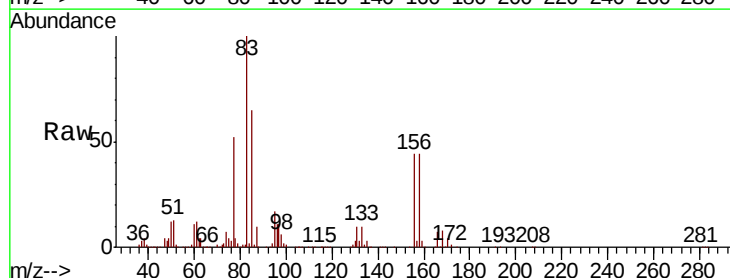
Tgt Ion: 83 Resp: 170202

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

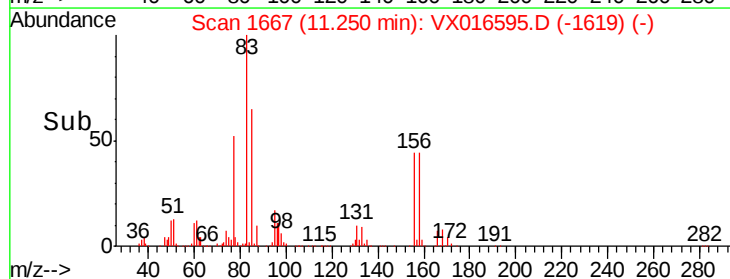
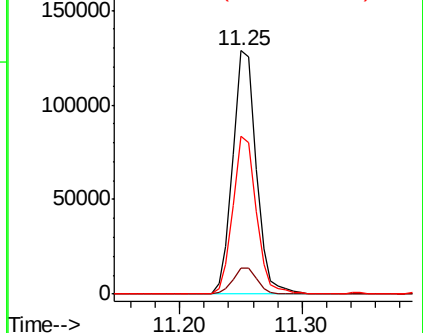
85 64.9 32.0 96.2

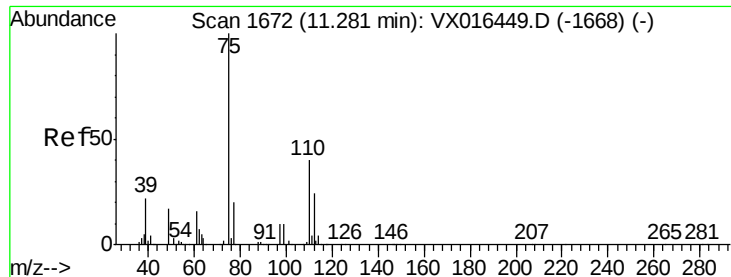


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

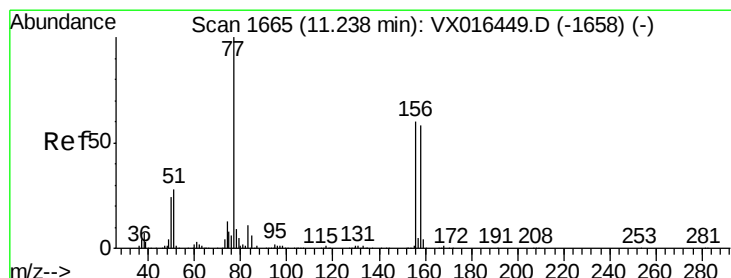
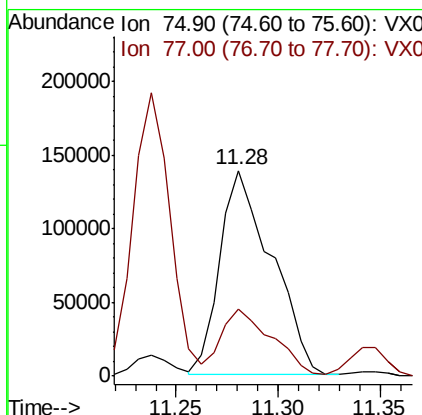
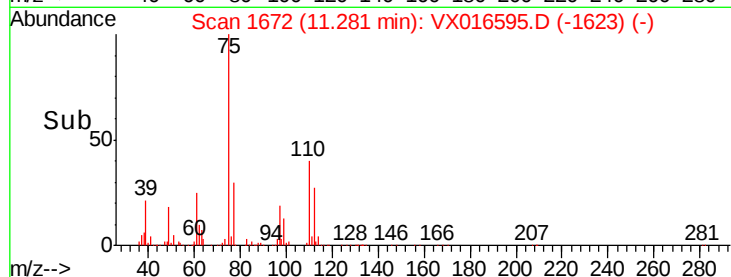
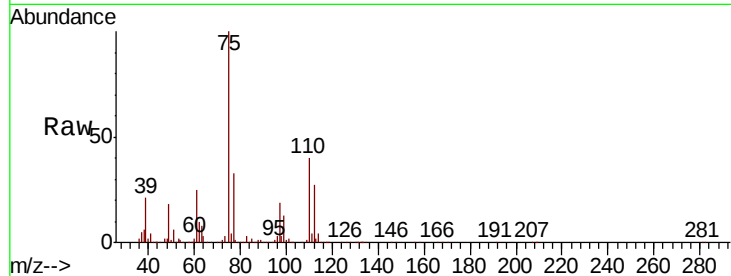




#76
1,2,3-Trichloropropane
Concen: 65.885 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

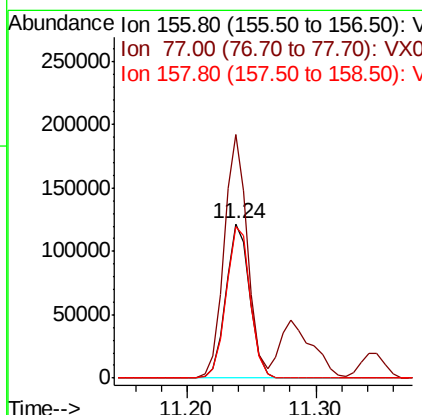
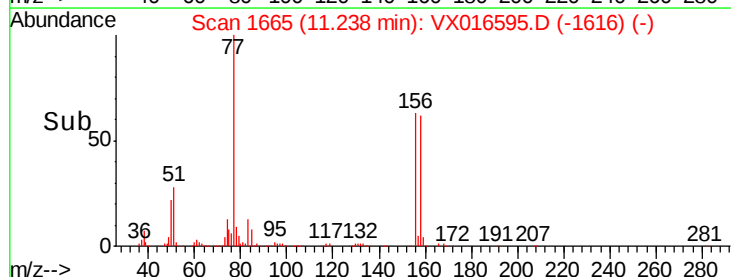
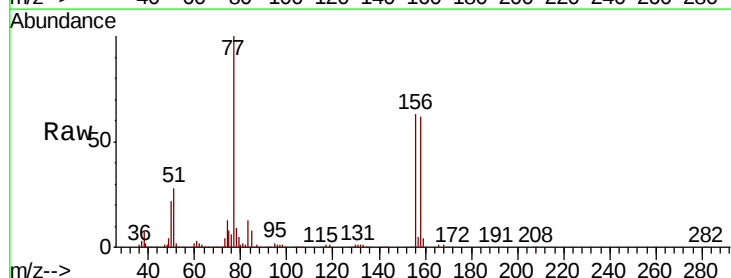
Instrument :
MSVOA_X
ClientSampleId :

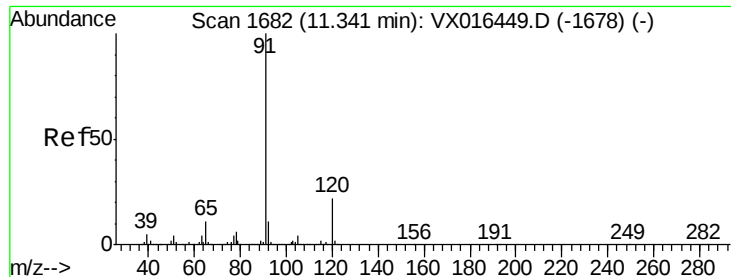
Tot Ion: 75 Resp: 244660
Ion Ratio Lower Upper
75 100
77 32.5 21.3 63.7



#77
Bromobenzene
Concen: 51.356 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion: 156 Resp: 157672
Ion Ratio Lower Upper
156 100
77 155.4 79.6 238.8
158 99.6 48.1 144.4





#78

n-propylbenzene

Concen: 51.472 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

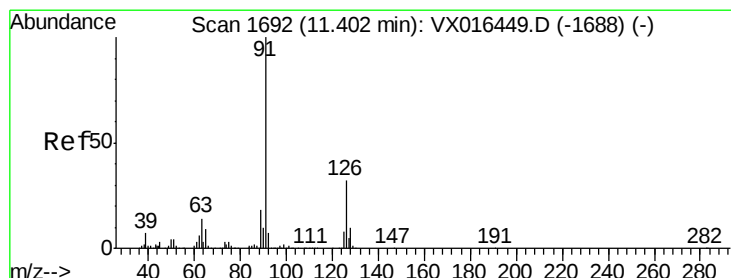
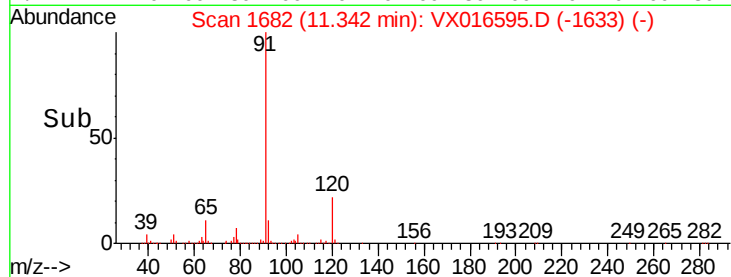
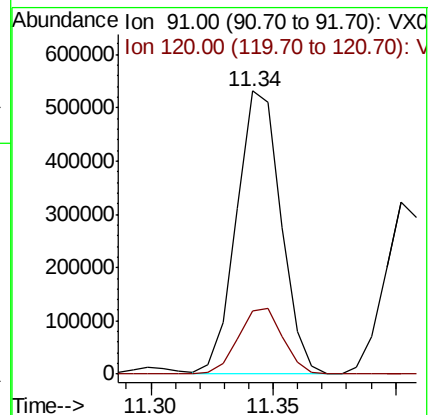
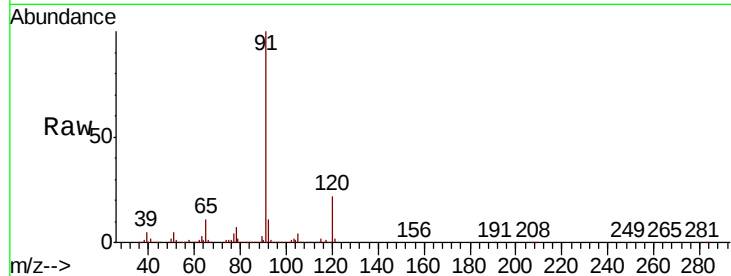
ClientSampleId :

Tot Ion: 91 Resp: 673145

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.7



#79

2-Chlorotoluene

Concen: 51.749 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016595.D

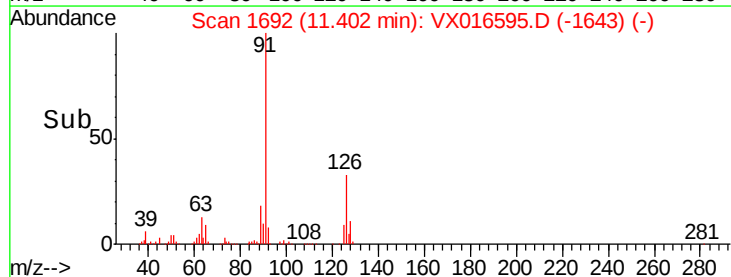
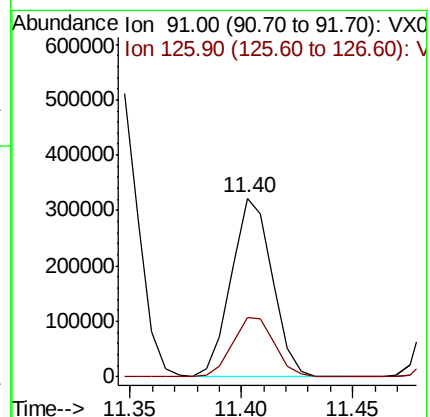
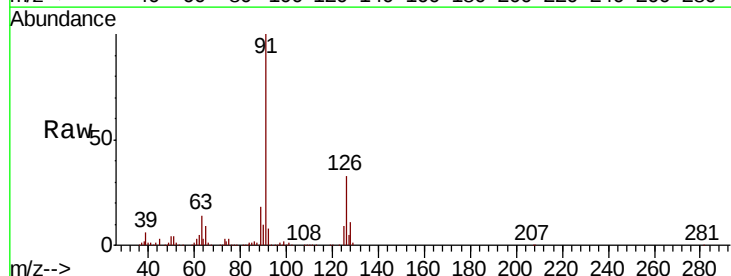
Acq: 04 Jun 2020 20:32

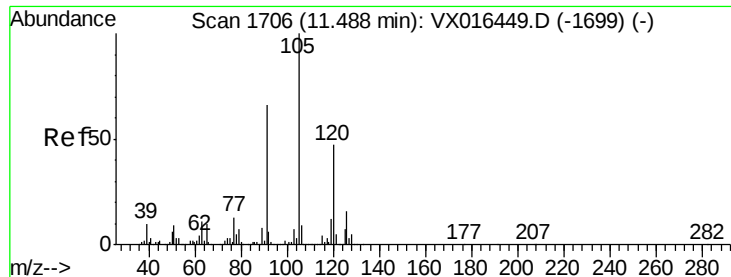
Tgt Ion: 91 Resp: 413097

Ion Ratio Lower Upper

91 100

126 34.0 16.8 50.3



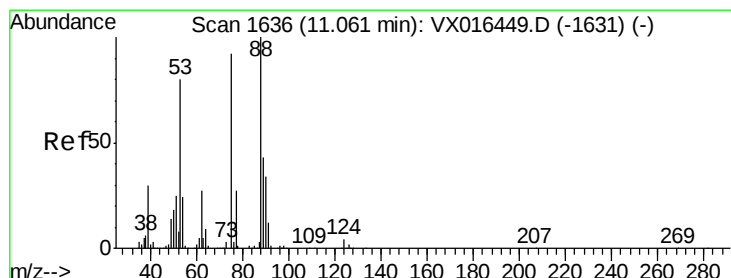
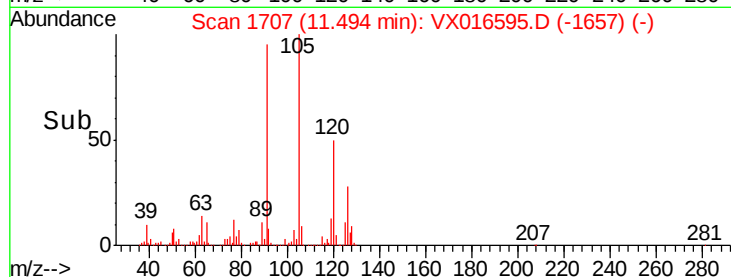
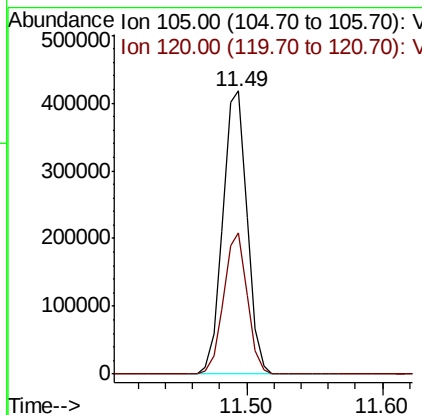
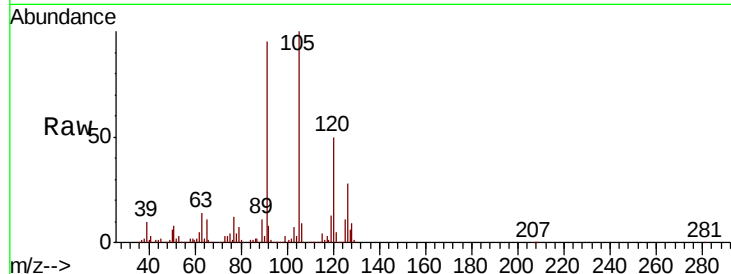


#80

1,3,5-Trimethylbenzene
Concen: 52.713 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :

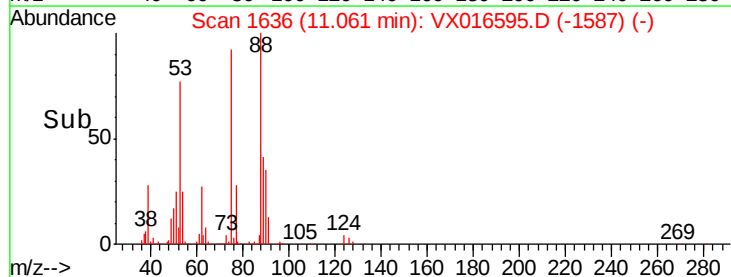
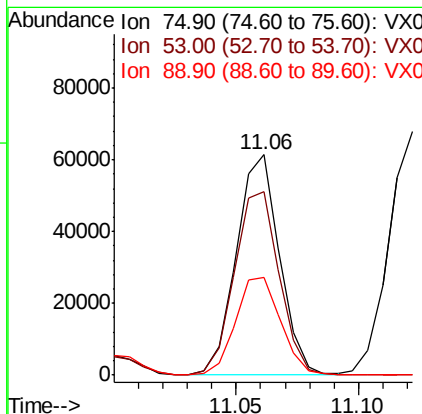
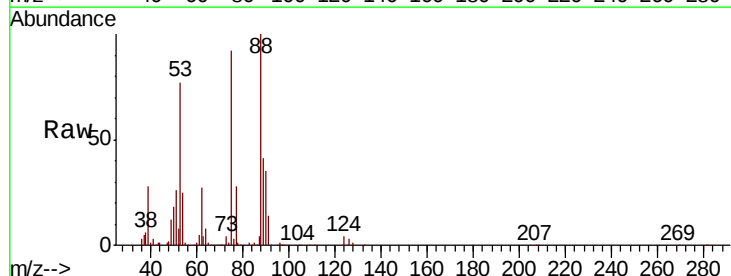
Tot Ion:105 Resp: 515218
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

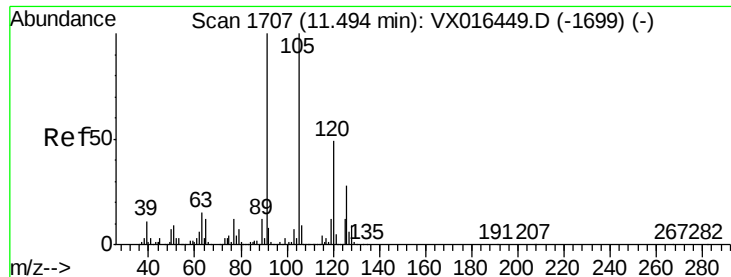


#81

trans-1,4-Dichloro-2-butene
Concen: 49.412 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion: 75 Resp: 74593
Ion Ratio Lower Upper
75 100
53 87.0 71.3 106.9
89 46.9 36.6 55.0

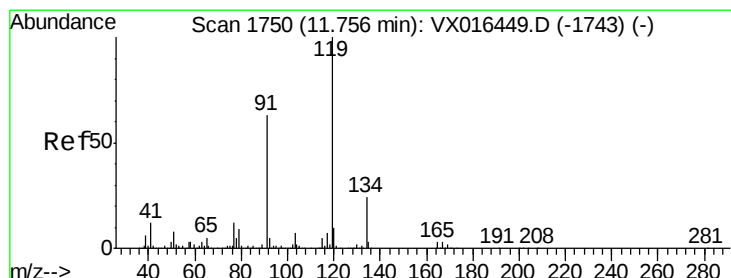
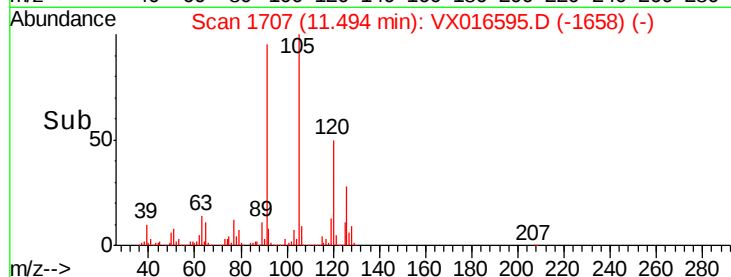
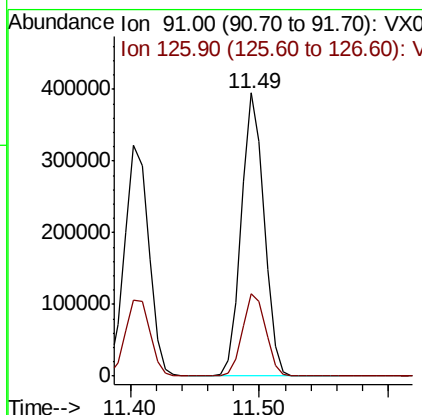
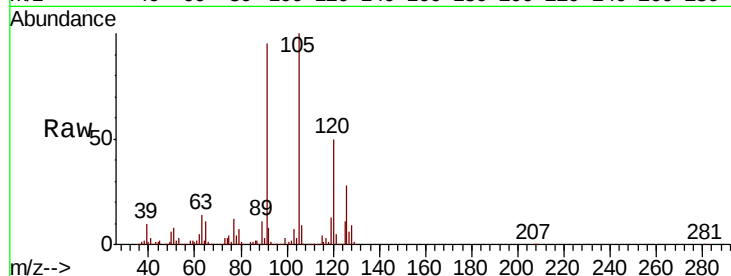




#82
4-Chlorotoluene
Concen: 51.323 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

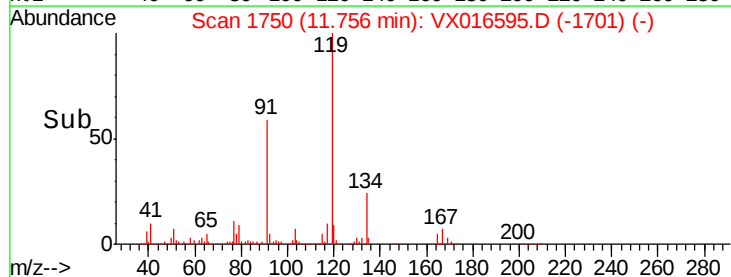
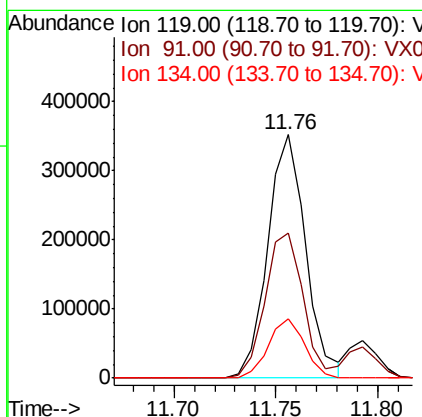
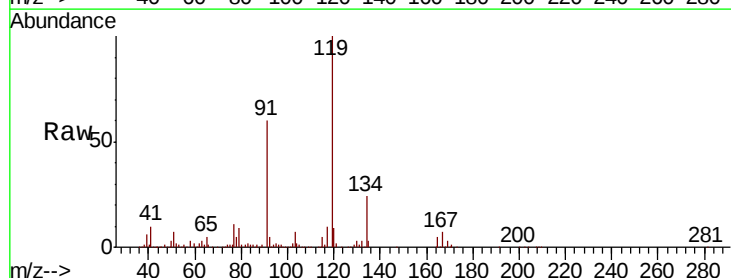
Instrument :
MSVOA_X
ClientSampleId :

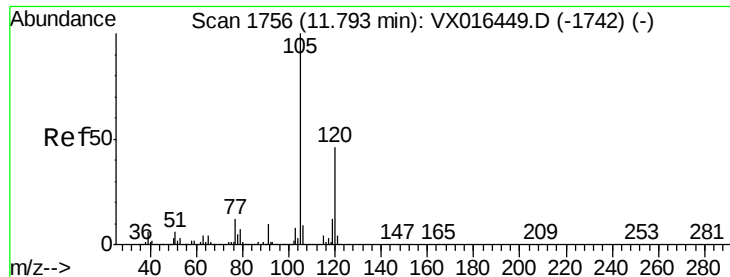
Tot Ion: 91 Resp: 483802
Ion Ratio Lower Upper
91 100
126 29.7 14.7 44.1



#83
tert-Butylbenzene
Concen: 54.610 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion: 119 Resp: 456076
Ion Ratio Lower Upper
119 100
91 59.5 31.3 93.8
134 23.3 12.0 36.0

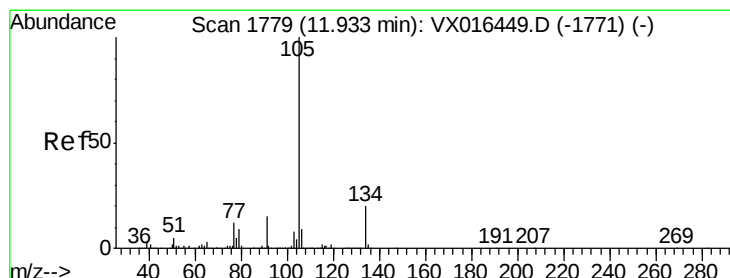
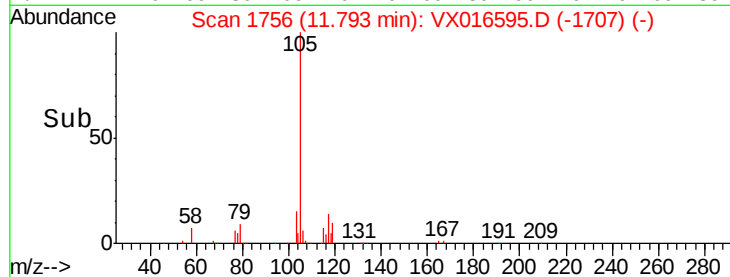
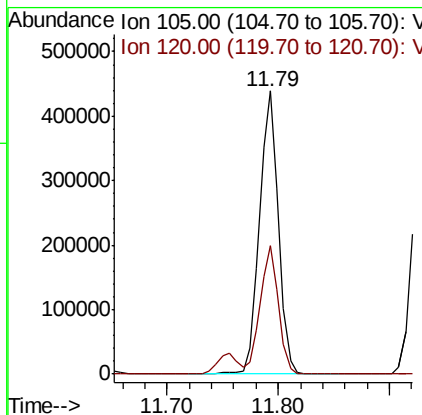
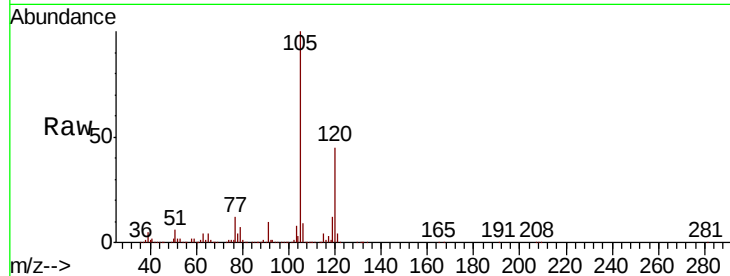




#84
1,2,4-Trimethylbenzene
Concen: 52.711 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

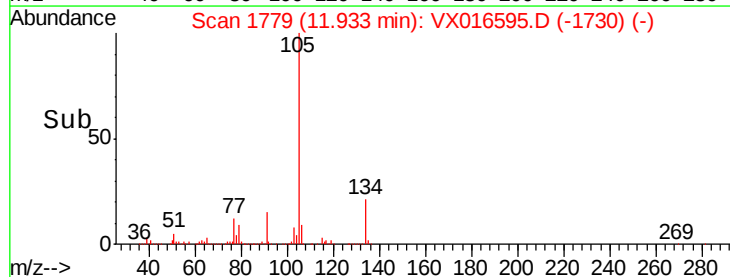
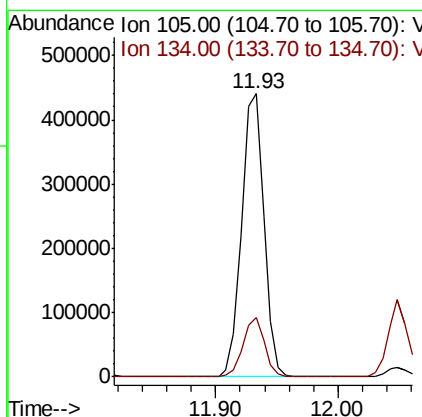
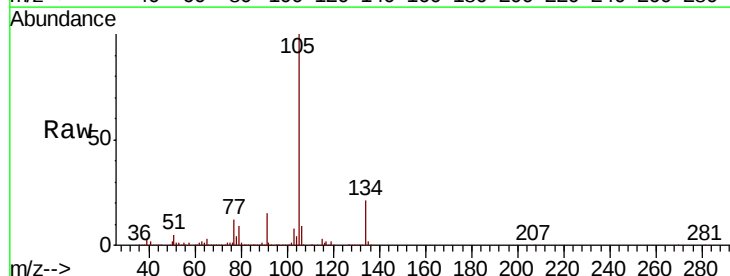
Instrument :
MSVOA_X
ClientSampleId :

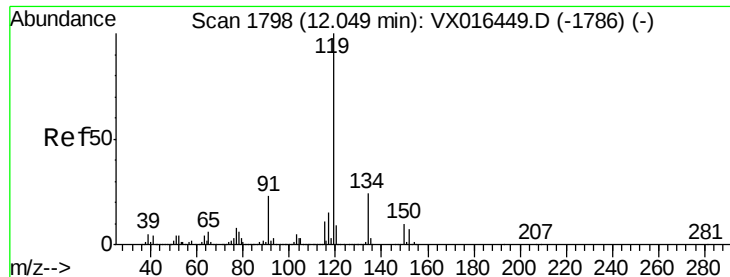
Tot Ion:105 Resp: 521029
Ion Ratio Lower Upper
105 100
120 44.2 22.6 67.7



#85
sec-Butylbenzene
Concen: 52.796 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion:105 Resp: 553129
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.3

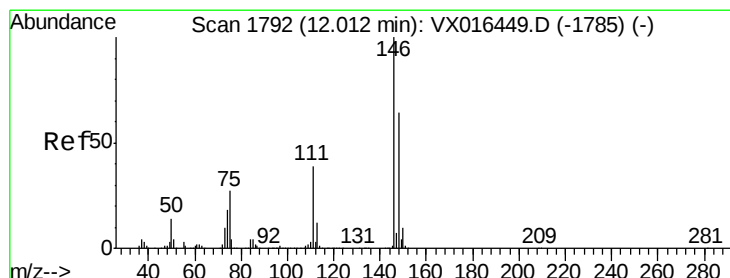
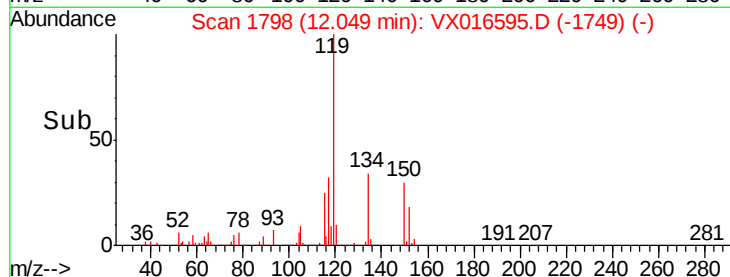
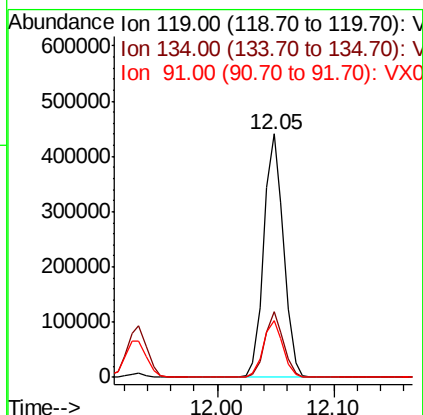
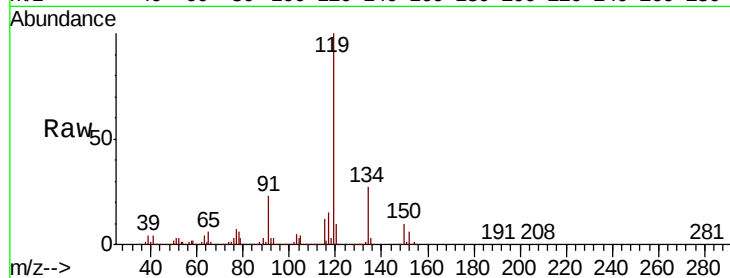




#86
p-Isopropyltoluene
Concen: 52.671 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

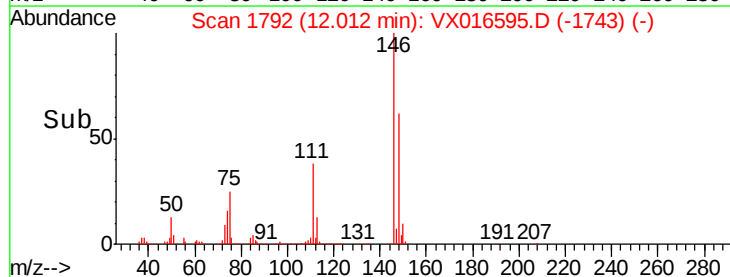
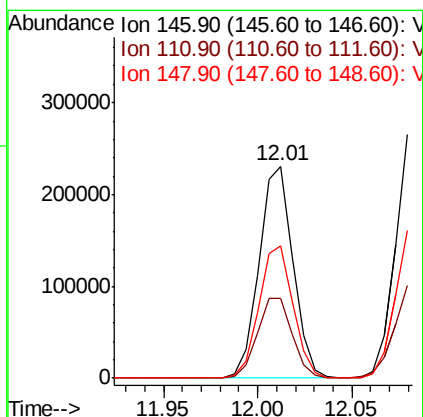
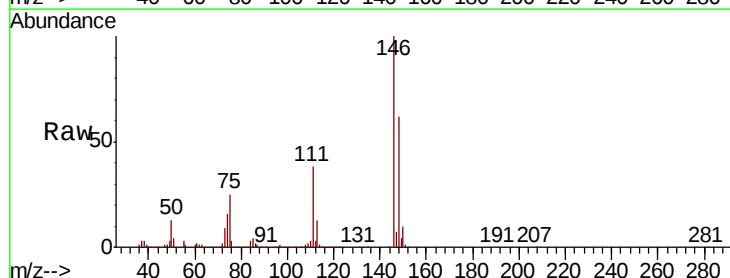
Instrument :
MSVOA_X
ClientSampled :

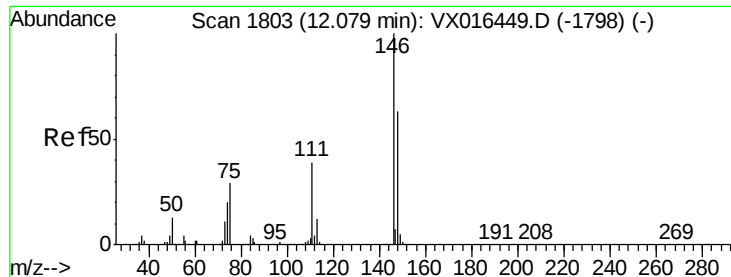
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.0
91	23.1	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 54.027 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.0	60.0
148	62.9	31.9	95.5

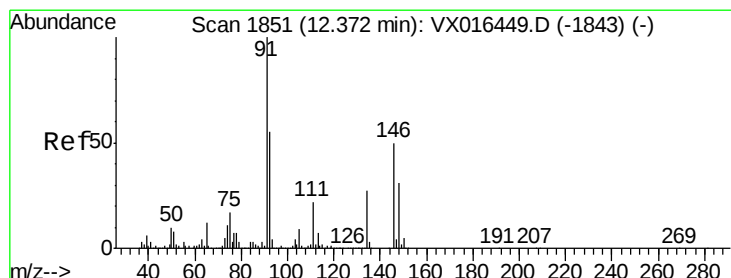
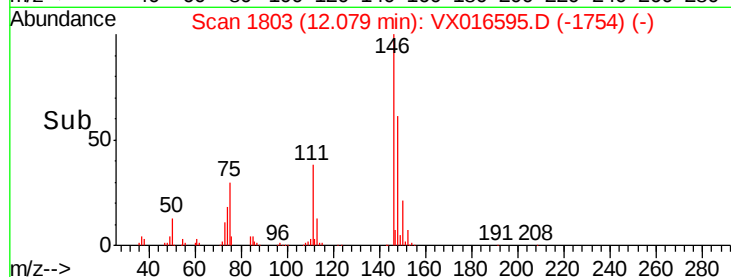
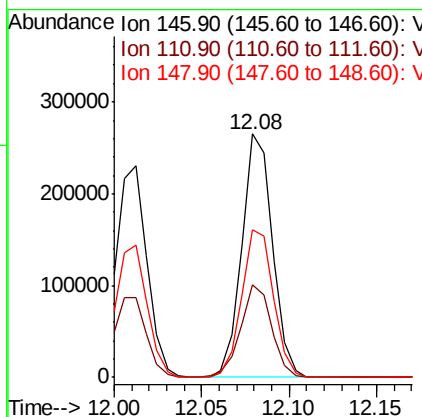
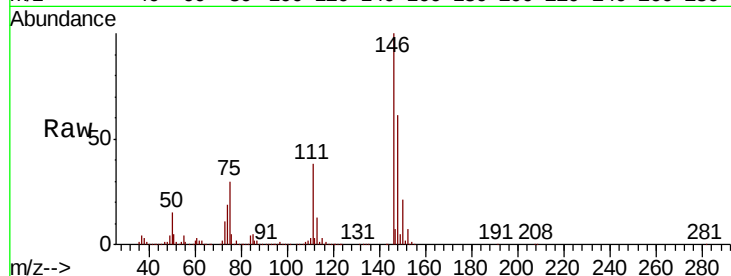




#88
 1,4-Dichlorobenzene
 Concen: 59.264 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

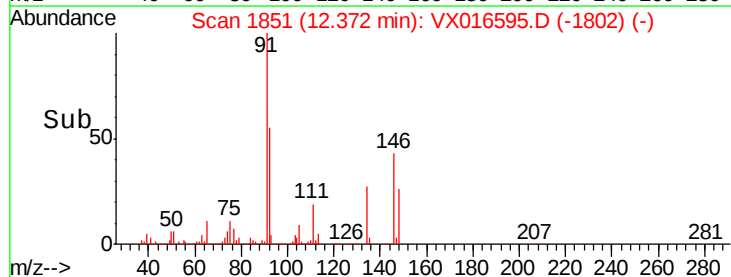
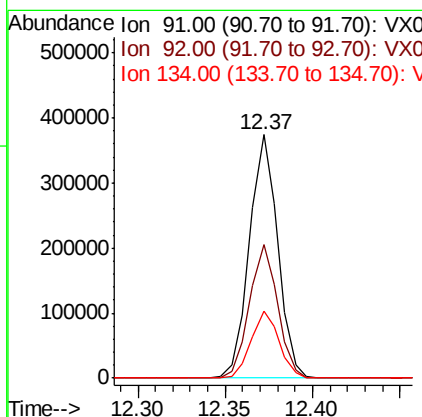
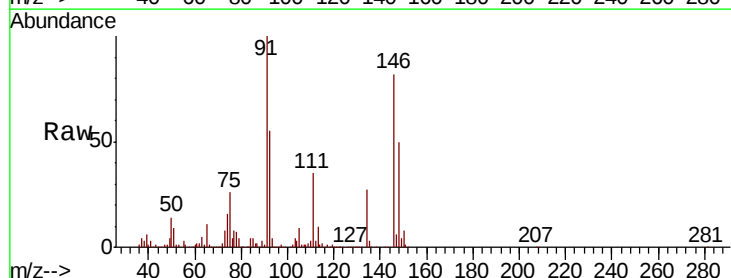
Instrument :
 MSVOA_X
 ClientSampleId :

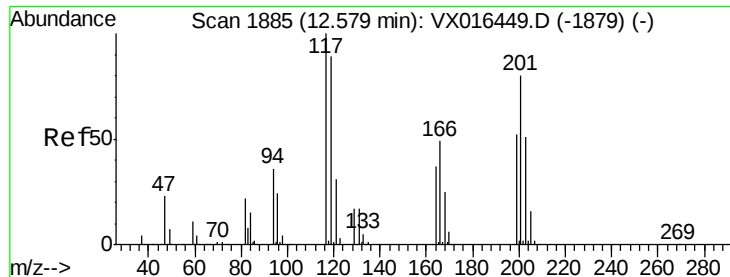
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	63.1	31.4	94.3



#89
 n-Butylbenzene
 Concen: 51.351 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	27.3	13.1	39.3





#90

Hexachloroethane

Concen: 52.943 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

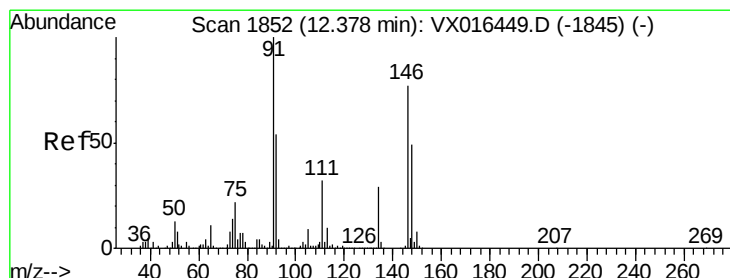
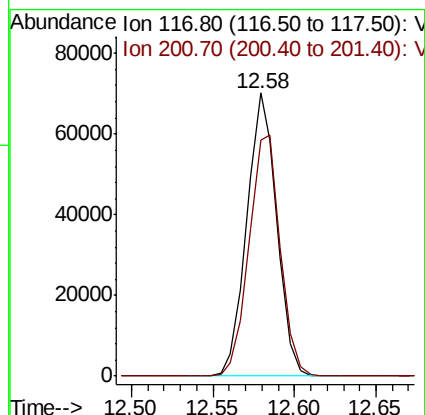
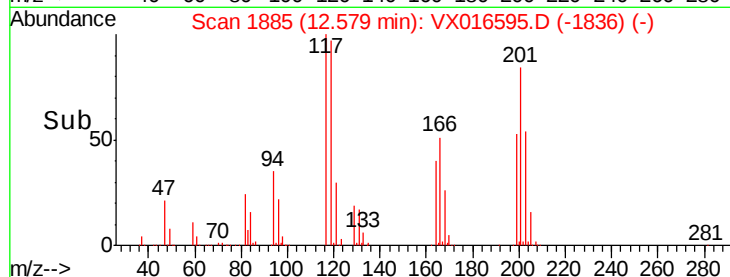
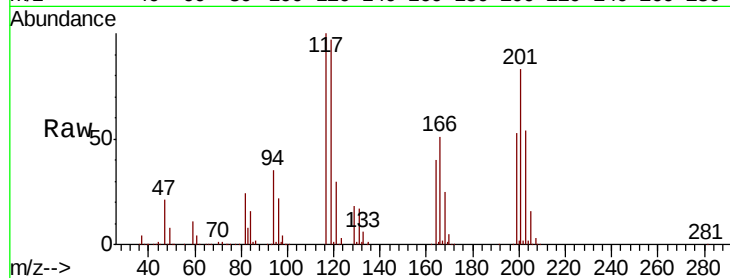
ClientSampleId :

Tot Ion:117 Resp: 89747

Ion Ratio Lower Upper

117 100

201 88.7 43.1 129.3



#91

1,2-Dichlorobenzene

Concen: 81.028 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

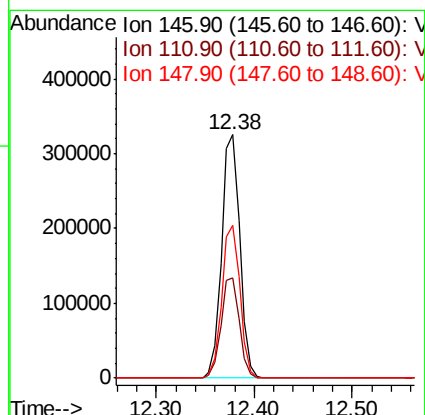
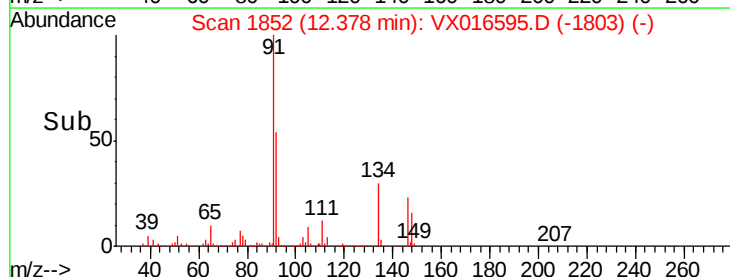
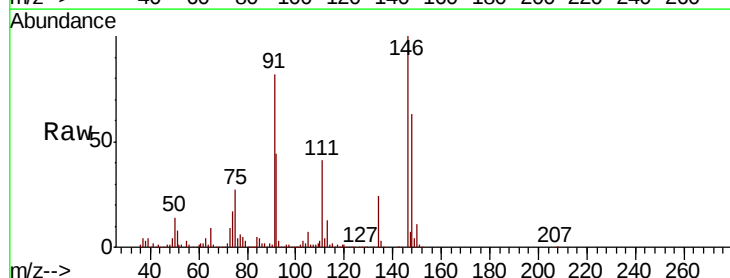
Tgt Ion:146 Resp: 417564

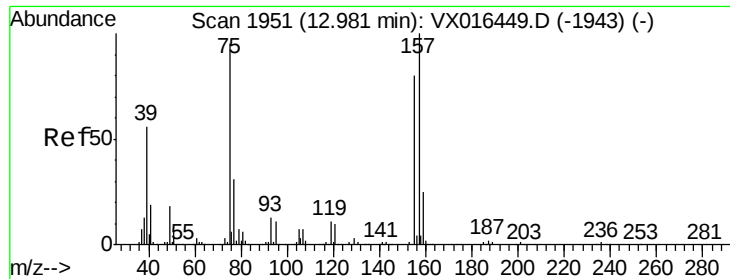
Ion Ratio Lower Upper

146 100

111 41.6 21.4 64.3

148 62.6 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.605 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

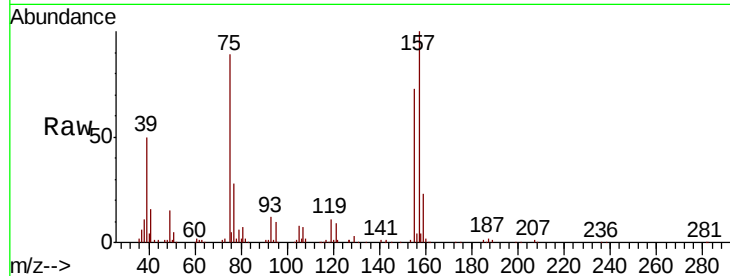
Tot Ion: 75 Resp: 48087

Ion Ratio Lower Upper

75 100

155 89.5 44.1 132.4

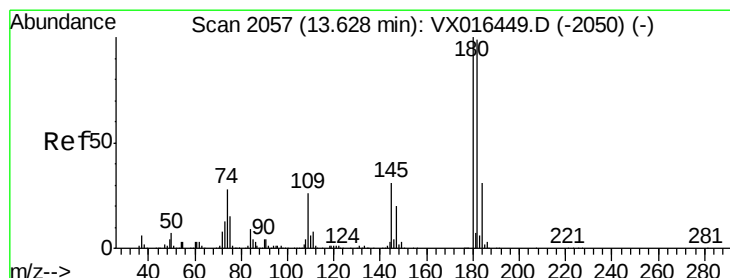
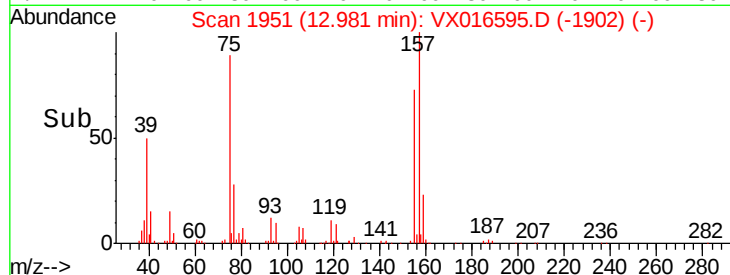
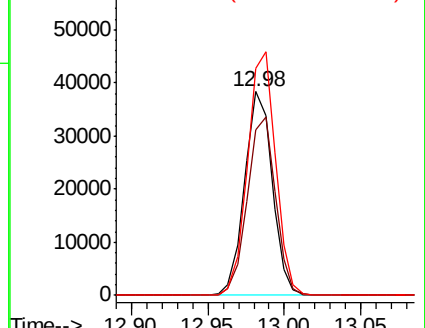
157 121.0 57.8 173.3



Abundance Ion 74.90 (74.60 to 75.60): VX016449.D (-1943) (-)

Ion 154.80 (154.50 to 155.50): VX016449.D (-1943) (-)

Ion 156.80 (156.50 to 157.50): VX016449.D (-1943) (-)



#93

1,2,4-Trichlorobenzene

Concen: 54.921 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016595.D

Acq: 04 Jun 2020 20:32

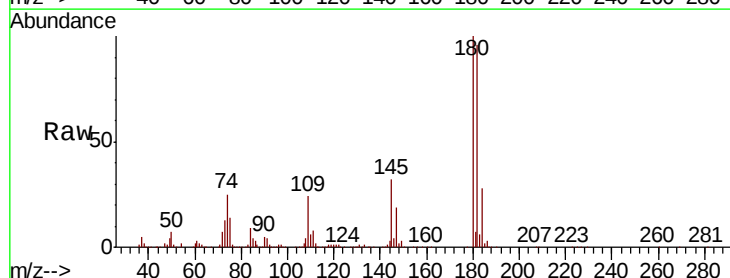
Tgt Ion: 180 Resp: 187967

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

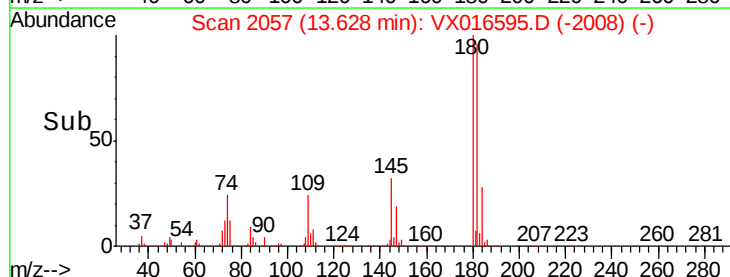
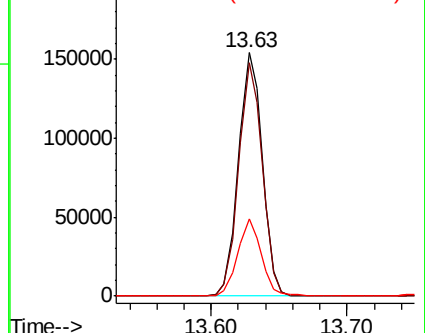
145 31.6 15.4 46.2

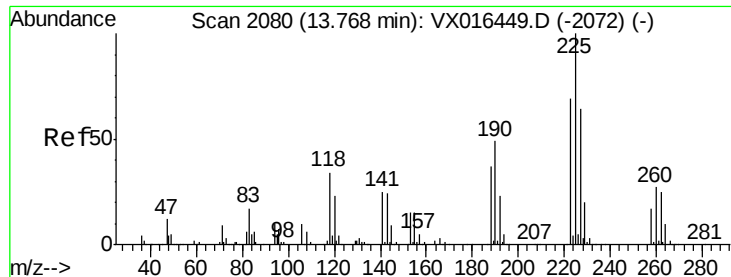


Abundance Ion 179.80 (179.50 to 180.50): VX016449.D (-2050) (-)

Ion 181.80 (181.50 to 182.50): VX016449.D (-2050) (-)

Ion 144.80 (144.50 to 145.50): VX016449.D (-2050) (-)

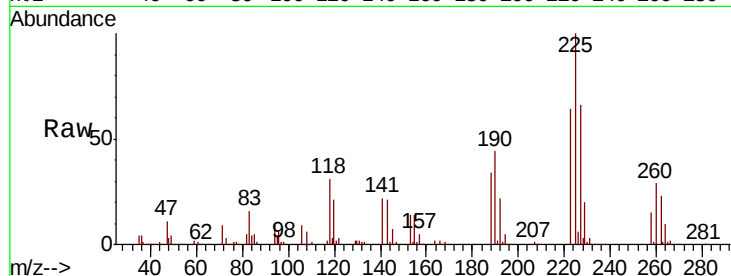




#94
Hexachlorobutadiene
Concen: 56.142 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.3	96.8
227	63.5	31.6	94.7

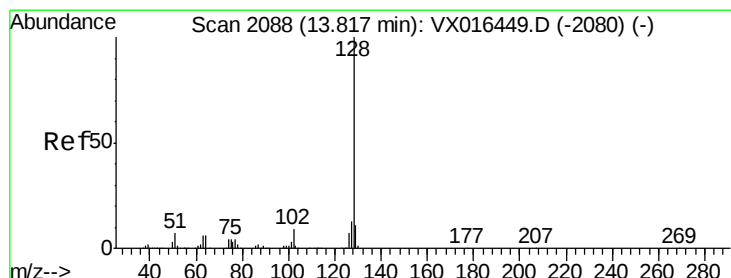
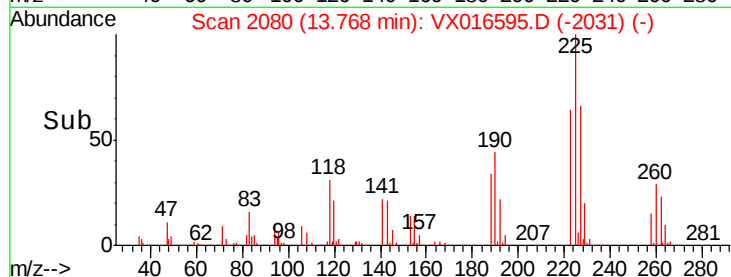
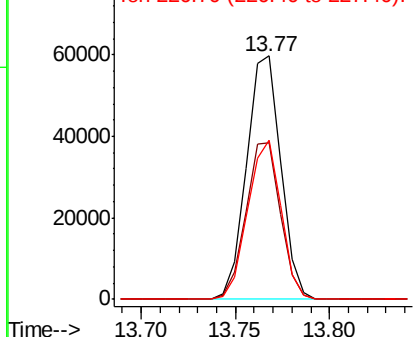


Abundance

Ion 224.70 (224.40 to 225.40): V

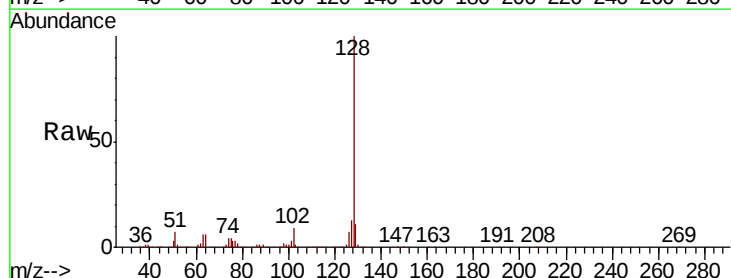
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 53.522 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016595.D
Acq: 04 Jun 2020 20:32

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.6	13.0

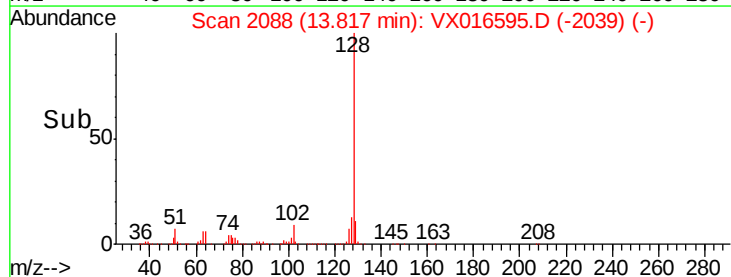
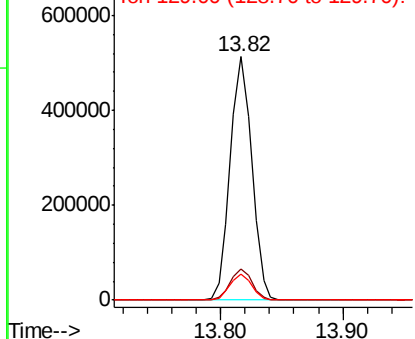


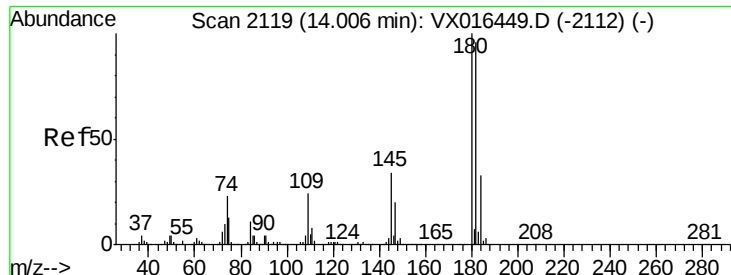
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

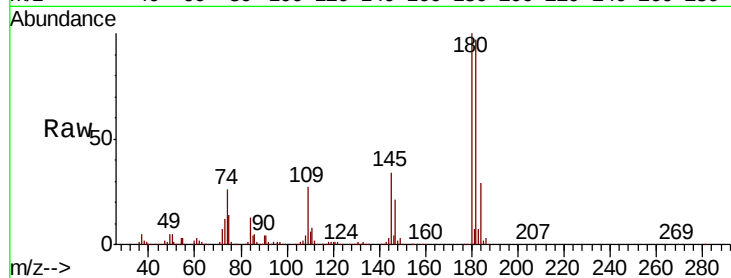




#96
 1,2,3-Trichlorobenzene
 Concen: 53.691 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016595.D
 Acq: 04 Jun 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.6	145.8
145	34.8	16.6	49.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

