

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016518.D
 Acq On : 01 Jun 2020 10:56
 Operator : JC/SP
 Sample : VX0601WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Quant Time: Jun 02 01:45:45 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	315014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181465	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	5.46	113	142649	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	8.70	98	569894	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.12	95	211867	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	58283	18.800	ug/l	95
3) Chloromethane	1.31	50	68830	18.373	ug/l	98
4) Vinyl Chloride	1.39	62	73455	18.541	ug/l	99
5) Bromomethane	1.63	94	45387	23.561	ug/l	99
6) Chloroethane	1.72	64	45031	19.485	ug/l	97
7) Trichlorofluoromethane	1.92	101	99416	19.107	ug/l	99
8) Diethyl Ether	2.17	74	40380	18.612	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56346	19.677	ug/l	98
10) Methyl Iodide	2.49	142	55393	18.257	ug/l	99
11) Tert butyl alcohol	3.00	59	83317	83.053	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56879	18.765	ug/l	99
13) Acrolein	2.27	56	39604	92.806	ug/l	95
14) Allyl chloride	2.71	41	102468	18.382	ug/l	99
15) Acrylonitrile	3.11	53	181932	88.534	ug/l	98
16) Acetone	2.42	43	146055	85.215	ug/l	98
17) Carbon Disulfide	2.55	76	165392	18.374	ug/l	99
18) Methyl Acetate	2.75	43	79460	18.076	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	205319	18.864	ug/l	99
20) Methylene Chloride	2.83	84	66073	18.633	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	63383	18.905	ug/l	95
22) Diisopropyl ether	3.82	45	200914	18.762	ug/l	92
23) Vinyl Acetate	3.78	43	871350	92.961	ug/l	99
24) 1,1-Dichloroethane	3.67	63	113793	18.827	ug/l	99
25) 2-Butanone	4.63	43	248004	85.394	ug/l	98
26) 2,2-Dichloropropane	4.54	77	105269	21.285	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	71602	18.460	ug/l	98
28) Bromochloromethane	4.98	49	47810	17.022	ug/l	96
29) Tetrahydrofuran	5.09	42	166602	88.794	ug/l	98
30) Chloroform	5.17	83	114700	18.834	ug/l	98
31) Cyclohexane	5.54	56	99862	18.365	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	103639	18.797	ug/l	100
36) 1,1-Dichloropropene	5.77	75	87787	19.175	ug/l	99
37) Ethyl Acetate	4.79	43	96493	17.556	ug/l	98
38) Carbon Tetrachloride	5.75	117	91384	18.994	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0601WBS01

Quant Time: Jun 02 01:45:45 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)
39) Methylcyclohexane	7.44	83	99662	20.042	ug/l	96
40) Benzene	6.11	78	259848	19.060	ug/l	98
41) Methacrylonitrile	5.00	41	53405	17.689	ug/l	100
42) 1,2-Dichloroethane	6.16	62	91564	18.885	ug/l	100
43) Isopropyl Acetate	6.40	43	152139	17.746	ug/l	98
44) Trichloroethene	7.19	130	86851	20.078	ug/l	95
45) 1,2-Dichloropropane	7.49	63	66607	19.191	ug/l	97
46) Dibromomethane	7.63	93	43213	18.537	ug/l	99
47) Bromodichloromethane	7.87	83	90708	18.792	ug/l	100
48) Methyl methacrylate	7.74	41	72463	17.653	ug/l	97
49) 1,4-Dioxane	7.71	88	32223	335.425	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	484551	90.768	ug/l	100
52) Toluene	8.76	92	169069	19.666	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	105392	19.202	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	112577	19.378	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	64788	18.954	ug/l	96
56) Ethyl methacrylate	9.16	69	103847	18.654	ug/l	99
57) 1,3-Dichloropropane	9.35	76	110280	18.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	243365	83.753	ug/l	98
59) 2-Hexanone	9.47	43	370489	89.245	ug/l	98
60) Dibromochloromethane	9.56	129	72348	18.808	ug/l	100
61) 1,2-Dibromoethane	9.65	107	67115	18.335	ug/l	99
64) Tetrachloroethene	9.32	164	101408	20.729	ug/l	99
65) Chlorobenzene	10.12	112	174043	19.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	65687	19.303	ug/l	99
67) Ethyl Benzene	10.23	91	312958	19.718	ug/l	99
68) m/p-Xylenes	10.34	106	235340	39.992	ug/l	100
69) o-Xylene	10.68	106	112067	19.664	ug/l	98
70) Styrene	10.70	104	191411	19.540	ug/l	99
71) Bromoform	10.84	173	55130	19.170	ug/l #	98
73) Isopropylbenzene	11.00	105	300662	19.959	ug/l	100
74) N-amyl acetate	10.88	43	129701	18.718	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	64446	17.070	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	120961	25.312	ug/l	83
77) Bromobenzene	11.24	156	77623	19.646	ug/l	98
78) n-propylbenzene	11.34	91	331400	19.691	ug/l	99
79) 2-Chlorotoluene	11.40	91	203124	19.773	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	252000	20.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	36253	18.661	ug/l	96
82) 4-Chlorotoluene	11.49	91	239138	19.713	ug/l	99
83) tert-Butylbenzene	11.76	119	212960	19.815	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	254639	20.018	ug/l	100
85) sec-Butylbenzene	11.93	105	271039	20.103	ug/l	99
86) p-Isopropyltoluene	12.05	119	256603	20.318	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134426	19.638	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	136707	19.528	ug/l	98
89) n-Butylbenzene	12.37	91	213275	20.274	ug/l	98
90) Hexachloroethane	12.58	117	43119	19.766	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	133009	20.056	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21446	17.538	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

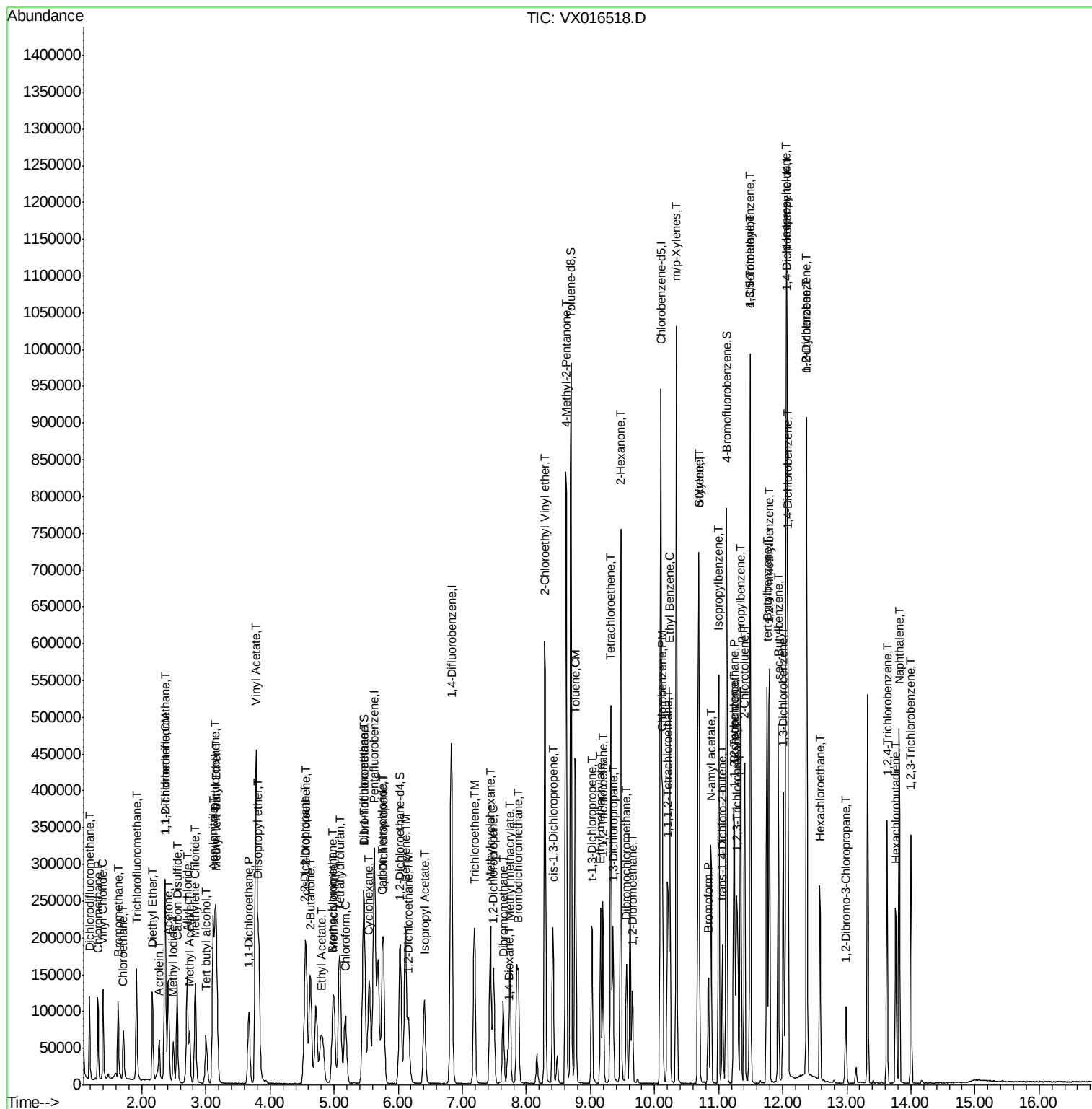
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

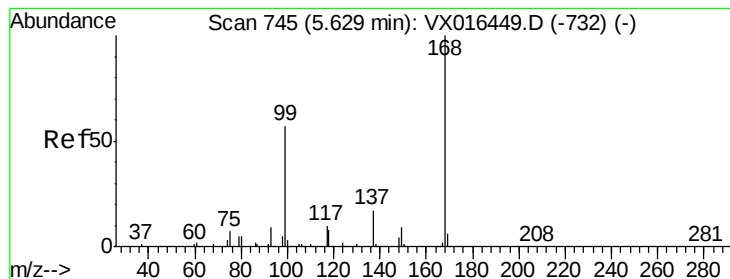
Quant Time: Jun 02 01:45:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	85477	19.407	ug/l	98
94) Hexachlorobutadiene	13.76	225	39046	22.579	ug/l	95
95) Naphthalene	13.82	128	291711	19.320	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	85947	19.918	ug/l	98

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

Quant Time: Jun 02 01:45:45 2020
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

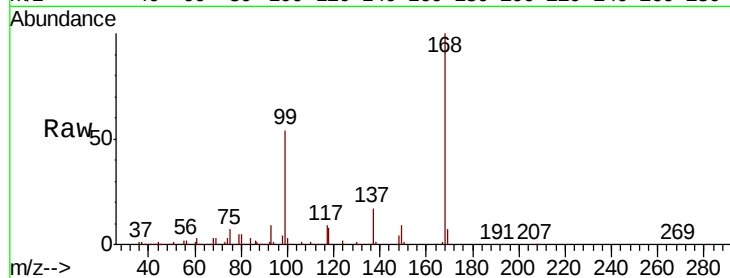
VX0601WBS01

Tot Ion:168 Resp: 315014

Ion Ratio Lower Upper

168 100

99 54.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

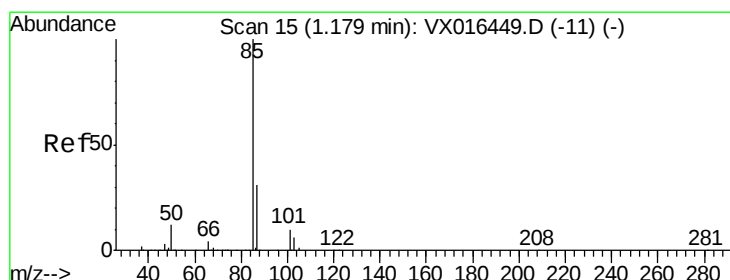
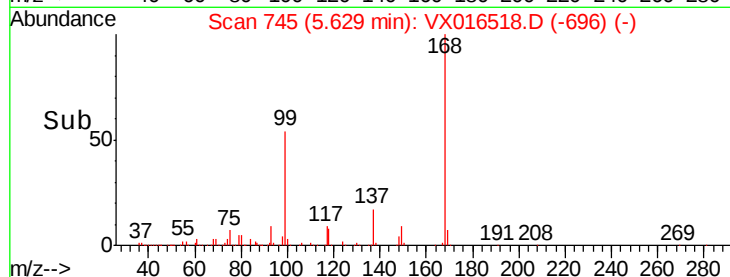
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.800 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016518.D

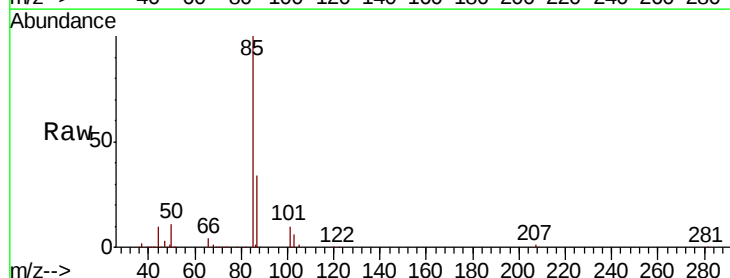
Acq: 01 Jun 2020 10:56

Tgt Ion: 85 Resp: 58283

Ion Ratio Lower Upper

85 100

87 33.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

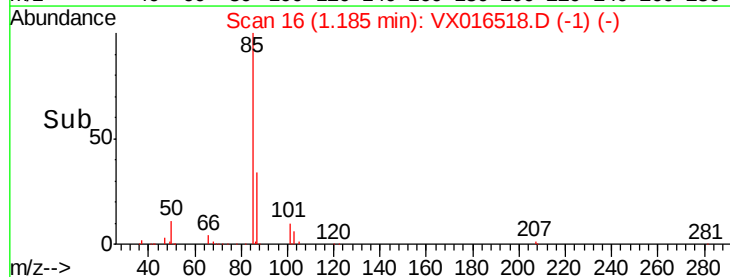
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.373 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

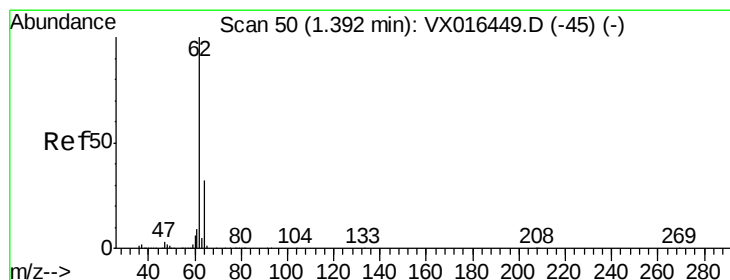
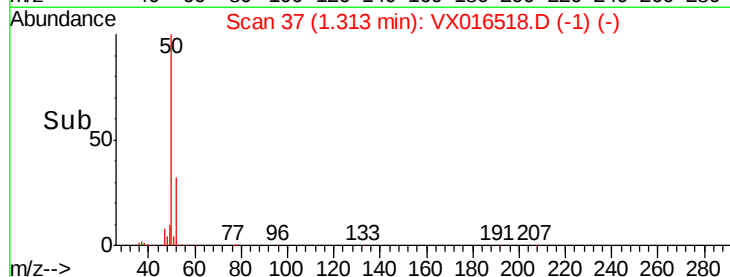
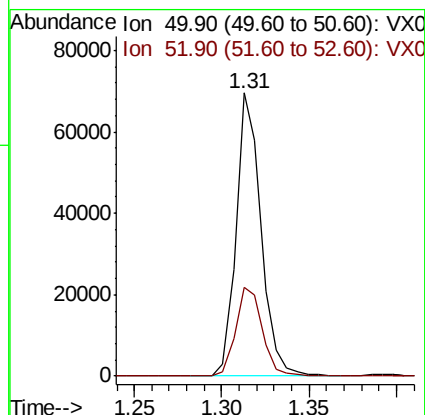
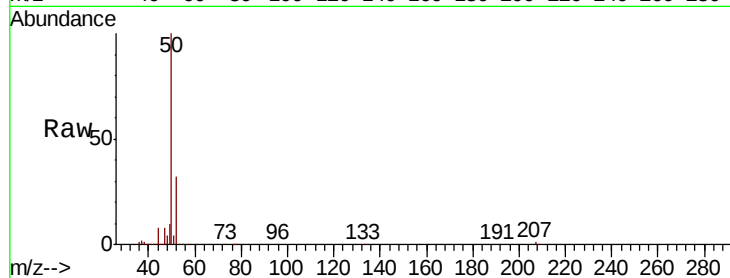
VX0601WBS01

Tot Ion: 50 Resp: 68830

Ion Ratio Lower Upper

50 100

52 31.6 26.2 39.2



#4

Vinyl Chloride

Concen: 18.541 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016518.D

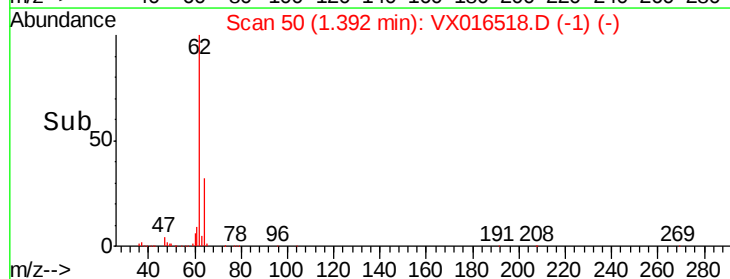
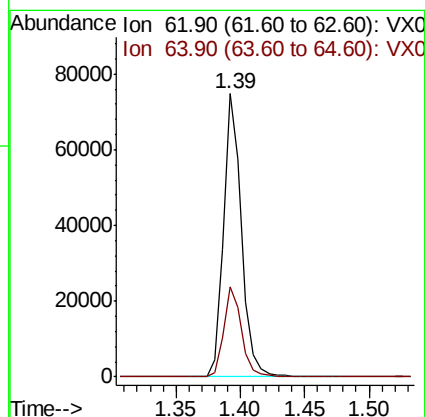
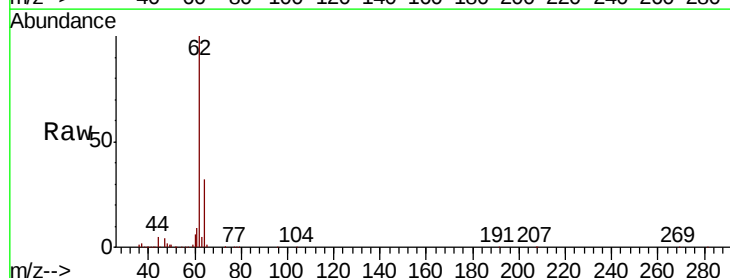
Acq: 01 Jun 2020 10:56

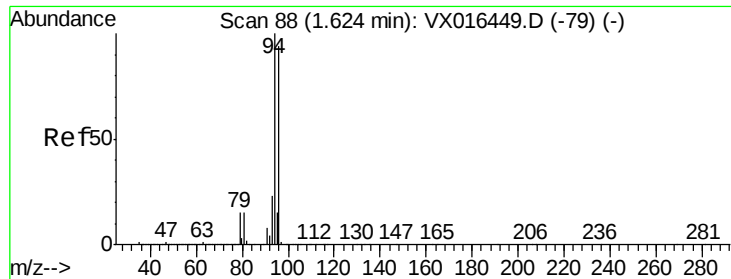
Tgt Ion: 62 Resp: 73455

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 23.561 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

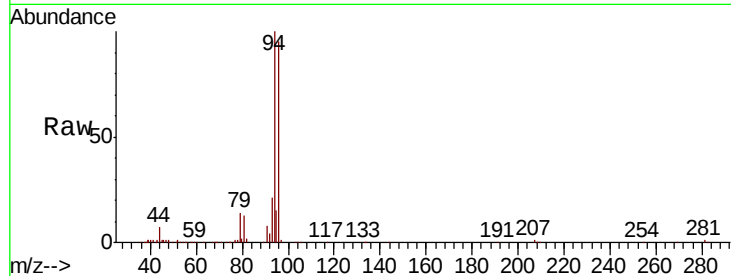
VX0601WBS01

Tot Ion: 94 Resp: 45387

Ion Ratio Lower Upper

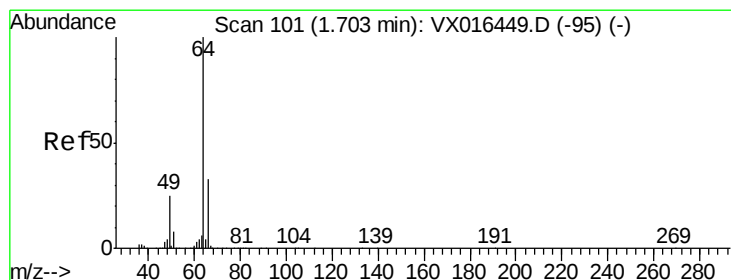
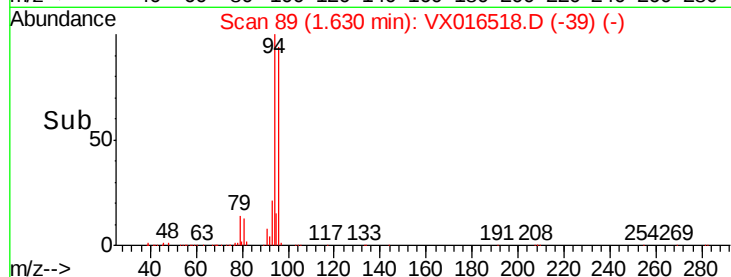
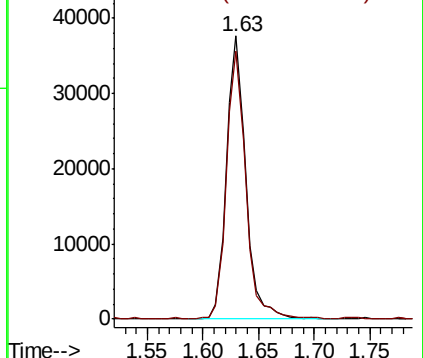
94 100

96 94.4 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: 19.485 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016518.D

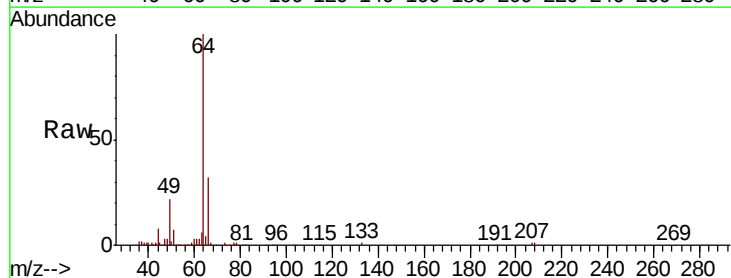
Acq: 01 Jun 2020 10:56

Tgt Ion: 64 Resp: 45031

Ion Ratio Lower Upper

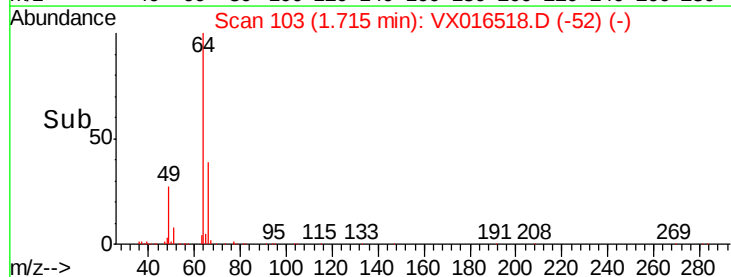
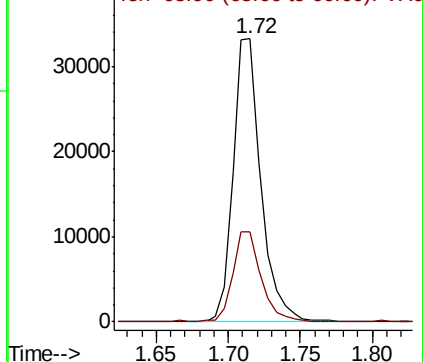
64 100

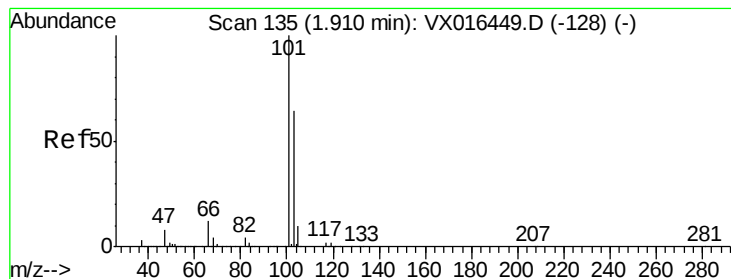
66 31.9 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.107 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX016518.D

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ClientSampleId :

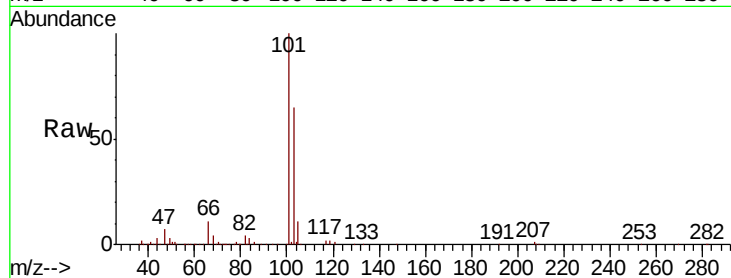
VX0601WBS01

Tot Ion:101 Resp: 99416

Ion Ratio Lower Upper

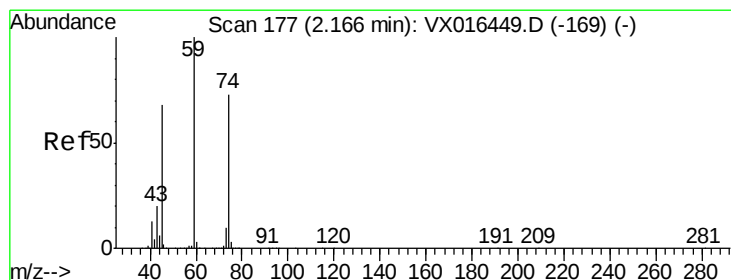
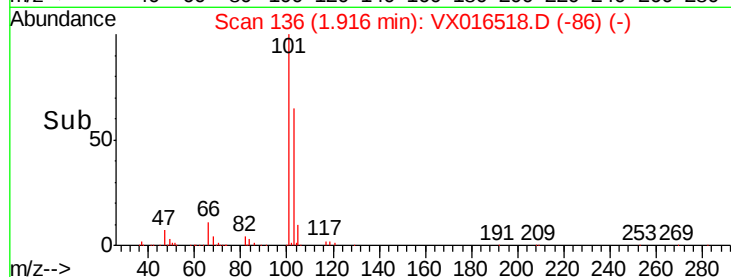
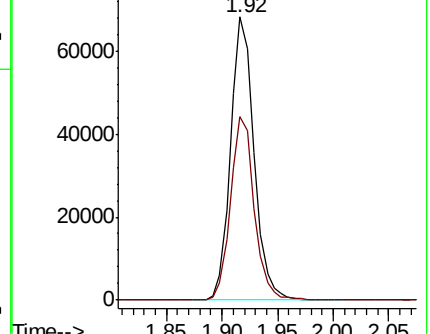
101 100

103 64.7 50.9 76.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.612 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX016518.D

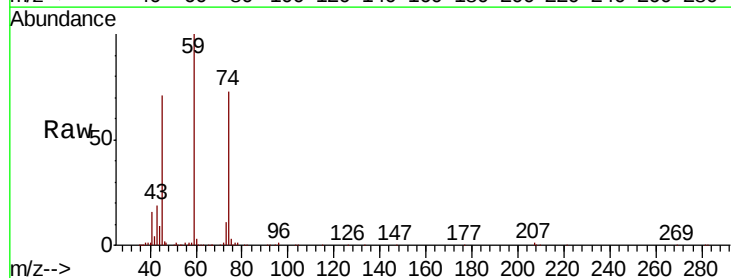
Acq: 01 Jun 2020 10:56

Tgt Ion: 74 Resp: 40380

Ion Ratio Lower Upper

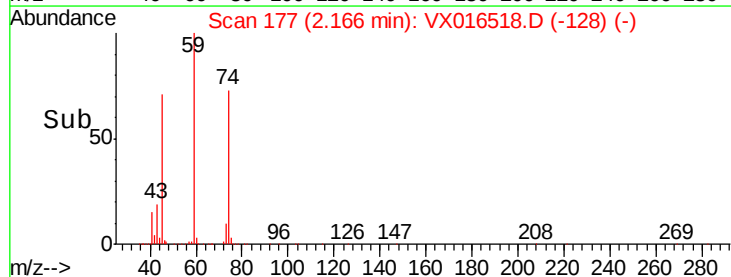
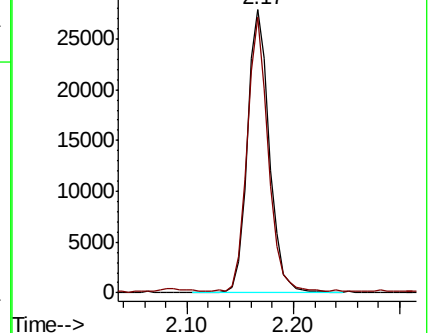
74 100

45 92.3 47.5 142.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.677 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

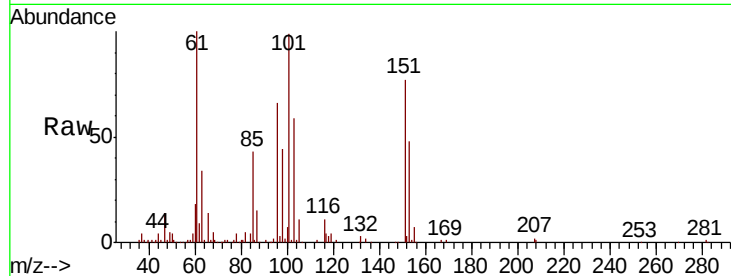
Tot Ion:101 Resp: 56346

Ion Ratio Lower Upper

101 100

85 43.6 34.4 51.6

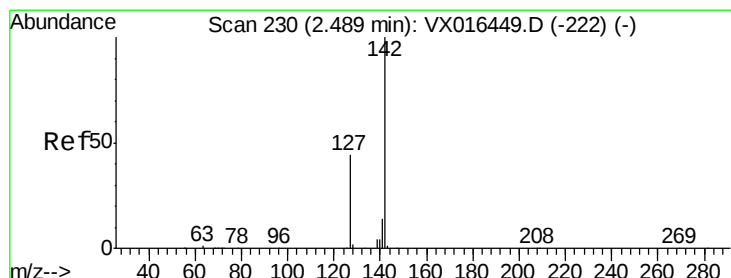
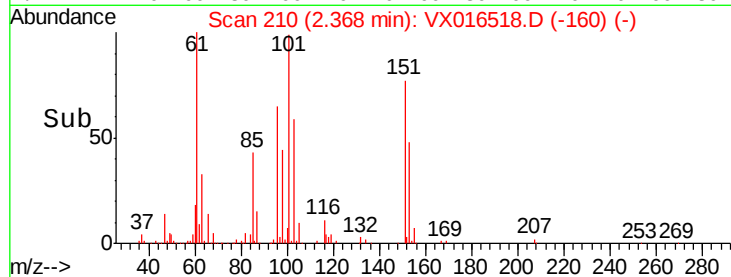
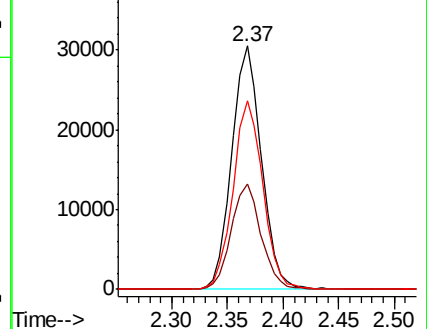
151 78.1 63.8 95.6



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: 18.257 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

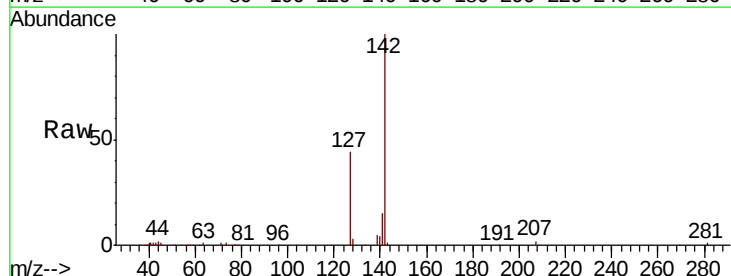
Tgt Ion:142 Resp: 55393

Ion Ratio Lower Upper

142 100

127 43.6 35.3 52.9

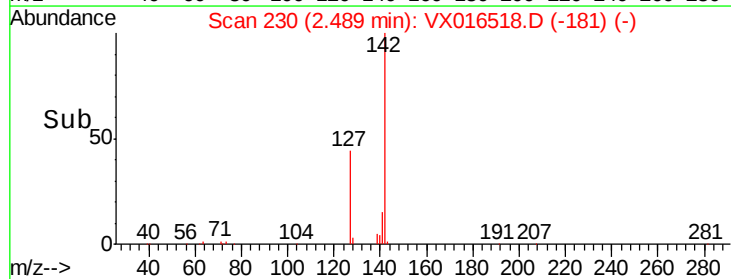
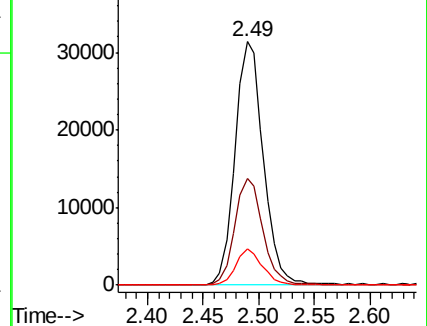
141 14.0 11.4 17.2

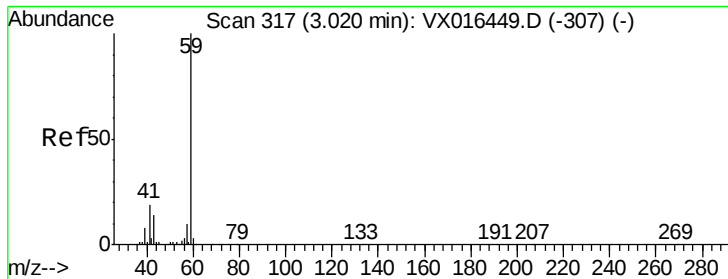


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

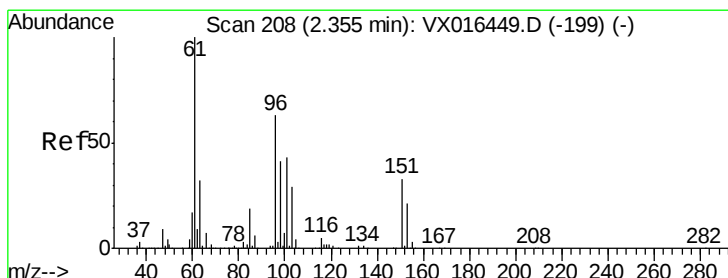
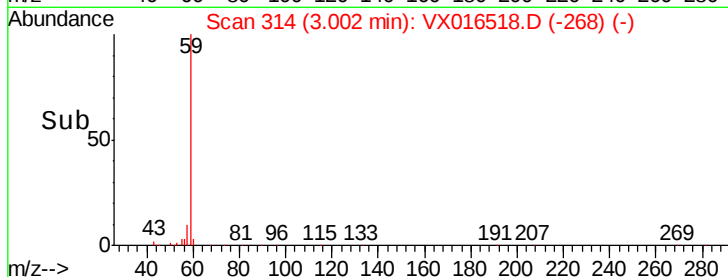
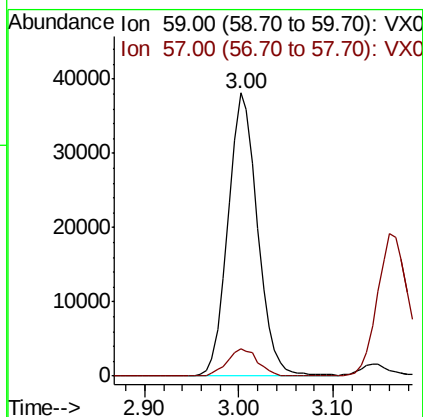
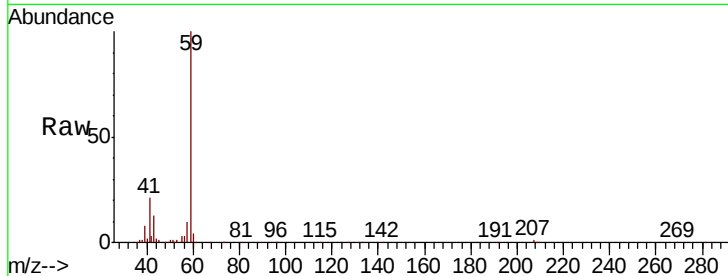




#11
Tert butyl alcohol
Concen: 83.053 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

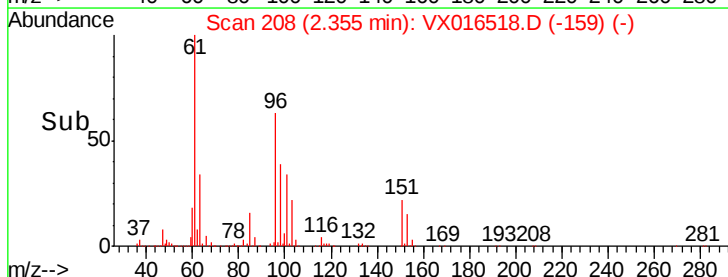
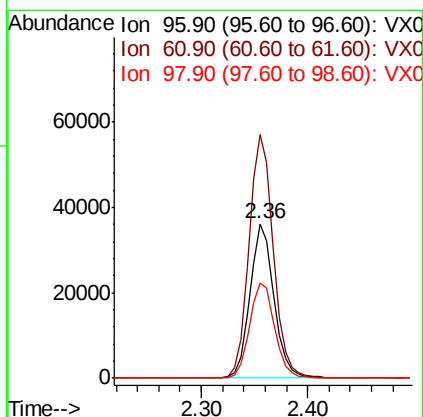
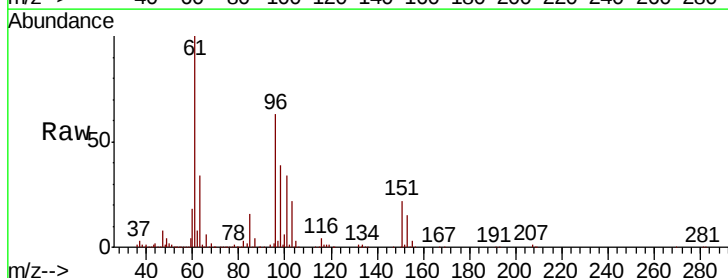
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

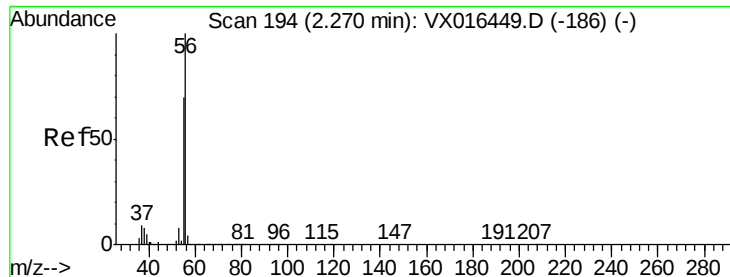
Tot Ion: 59 Resp: 83317
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.765 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 96 Resp: 56879
Ion Ratio Lower Upper
96 100
61 158.0 126.6 189.8
98 61.8 51.3 76.9





#13

Acrolein

Concen: 92.806 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

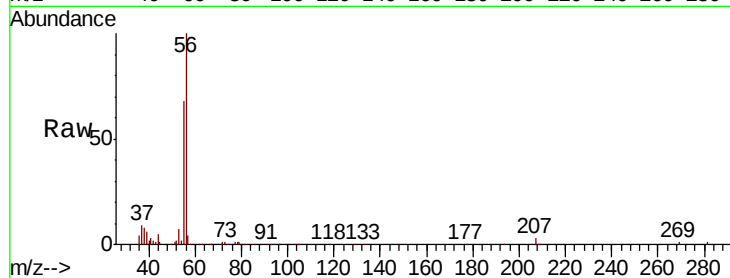
VX0601WBS01

Tot Ion: 56 Resp: 39604

Ion Ratio Lower Upper

56 100

55 68.6 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

25000

20000

15000

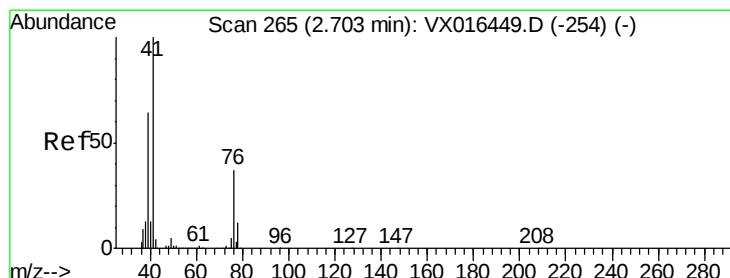
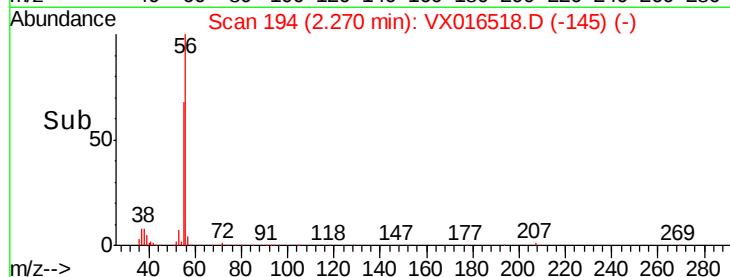
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 18.382 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

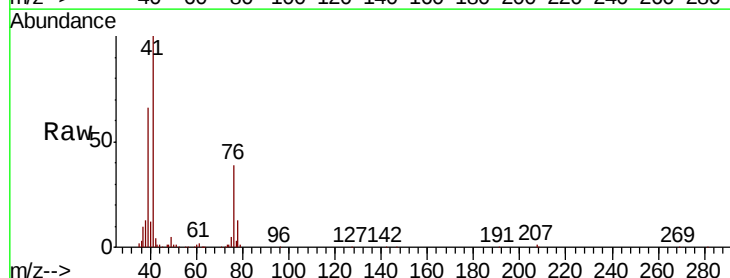
Tgt Ion: 41 Resp: 102468

Ion Ratio Lower Upper

41 100

39 60.0 47.7 71.5

76 35.0 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

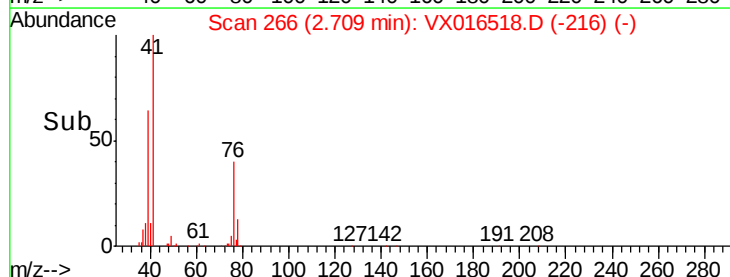
100000

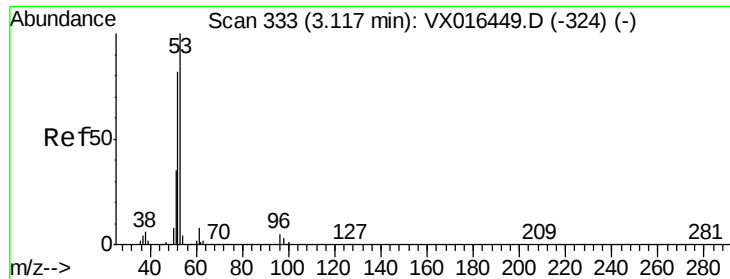
50000

0

Time-->

2.60 2.70 2.80

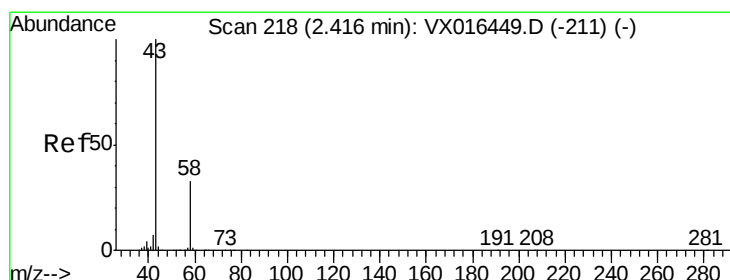
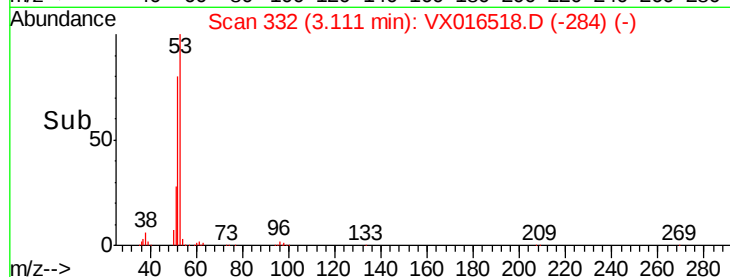
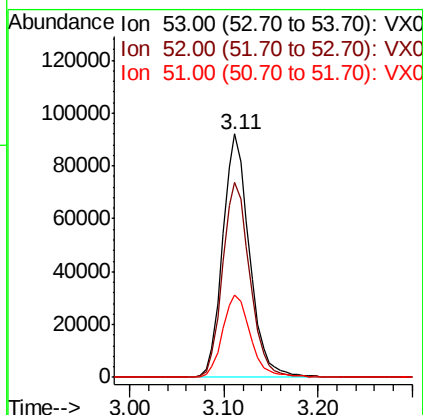
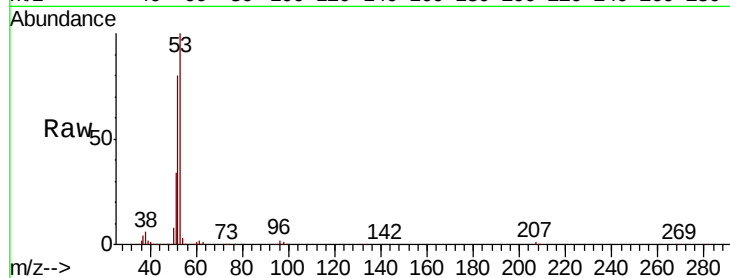




#15
 Acrylonitrile
 Concen: 88.534 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

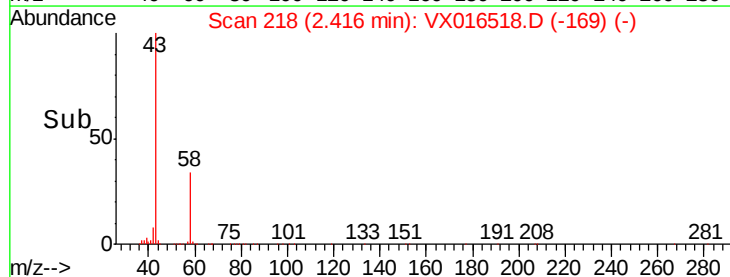
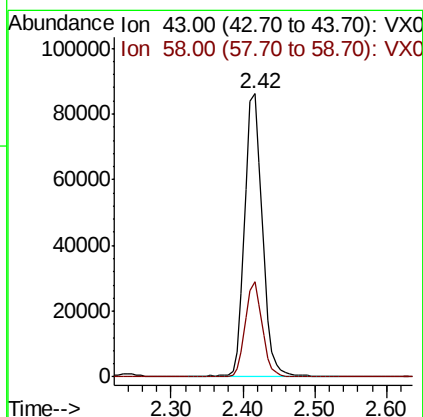
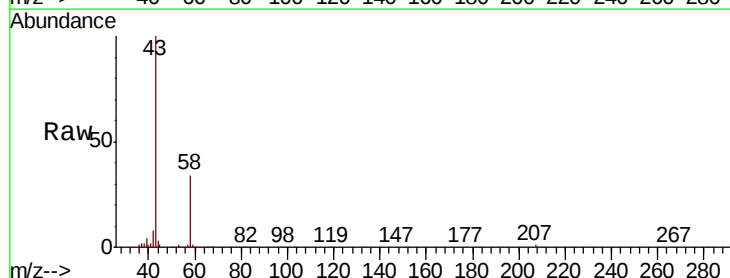
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

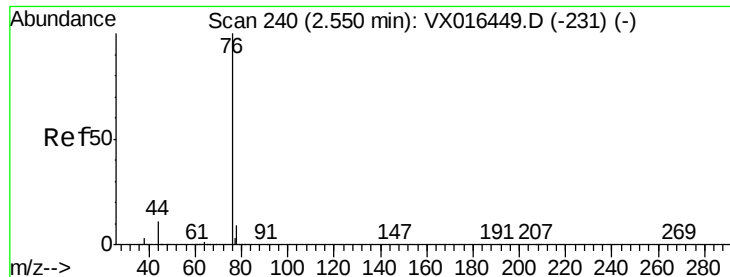
Tot Ion: 53 Resp: 181932
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.7 100.1
 51 35.3 28.6 43.0



#16
 Acetone
 Concen: 85.215 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion: 43 Resp: 146055
 Ion Ratio Lower Upper
 43 100
 58 33.7 26.1 39.1

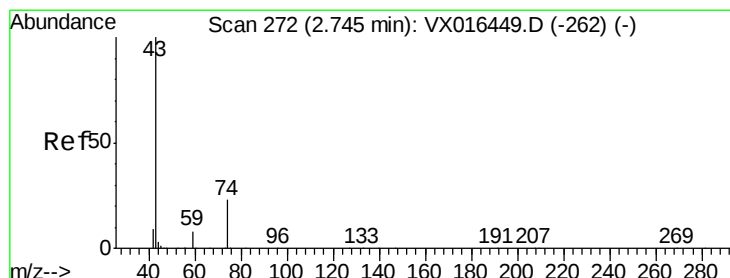
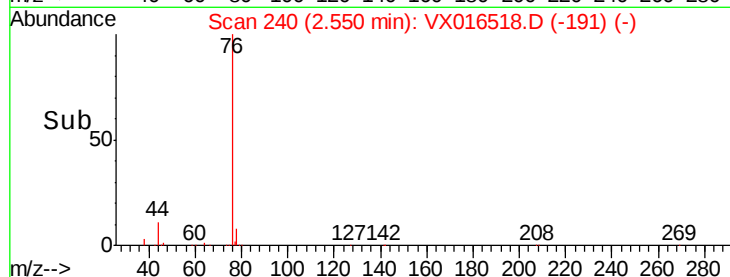
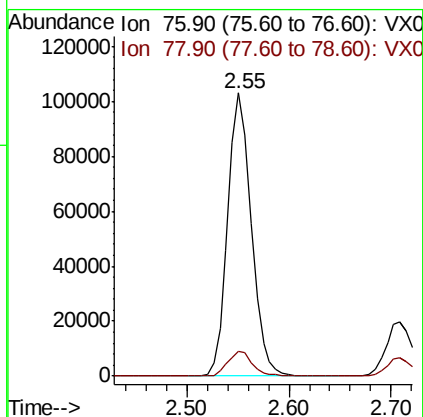
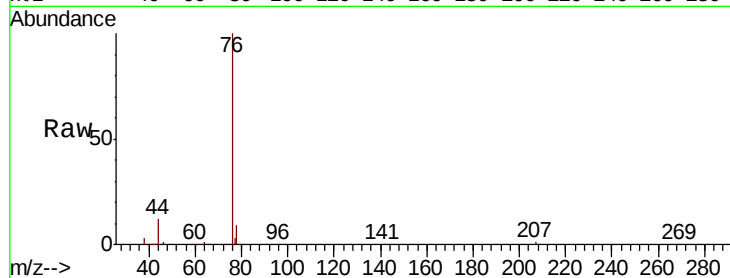




#17
Carbon Disulfide
Concen: 18.374 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

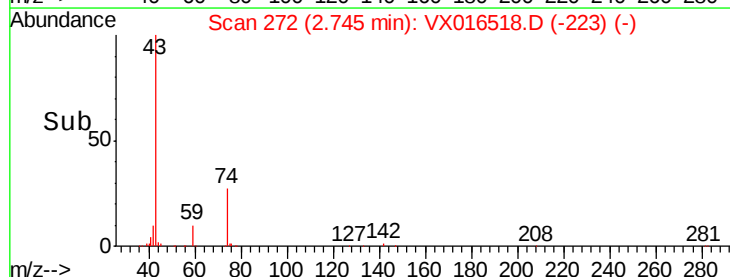
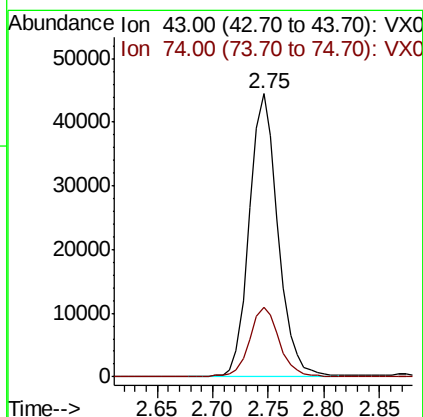
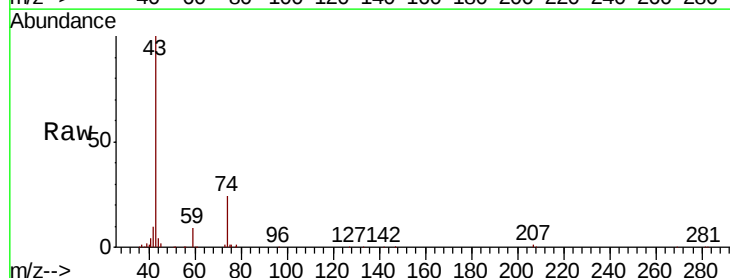
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

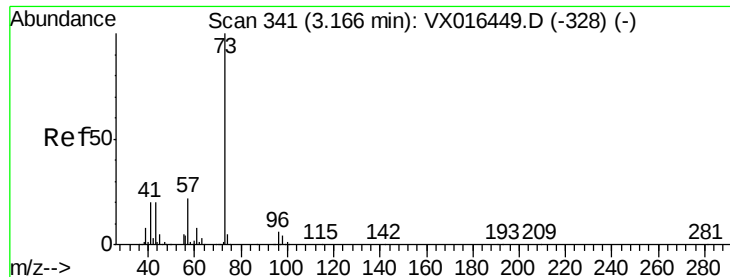
Tot Ion: 76 Resp: 165392
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 18.076 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 43 Resp: 79460
Ion Ratio Lower Upper
43 100
74 25.7 19.7 29.5



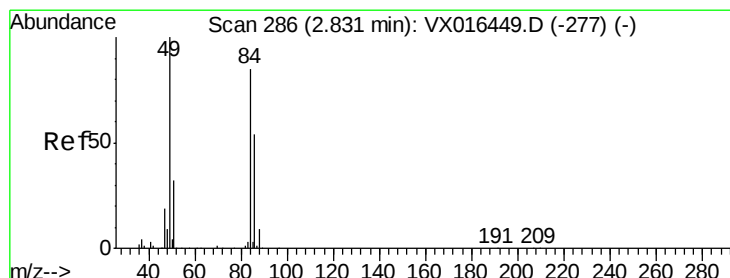
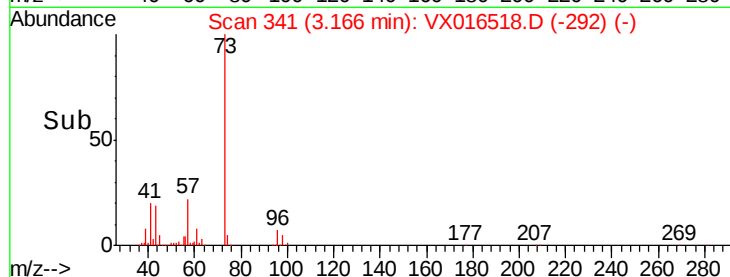
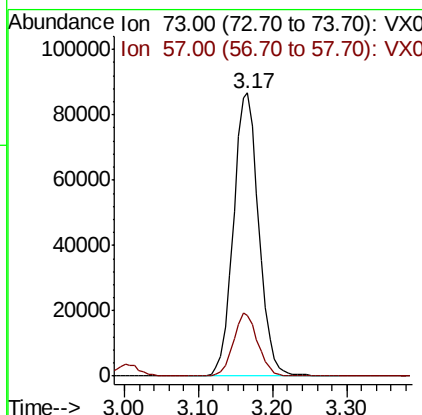
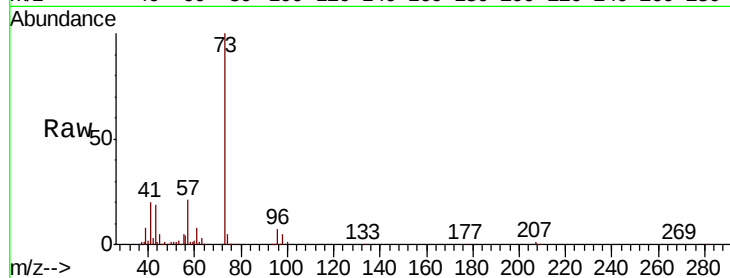


#19

Methyl tert-butyl Ether
 Concen: 18.864 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0601WBS01

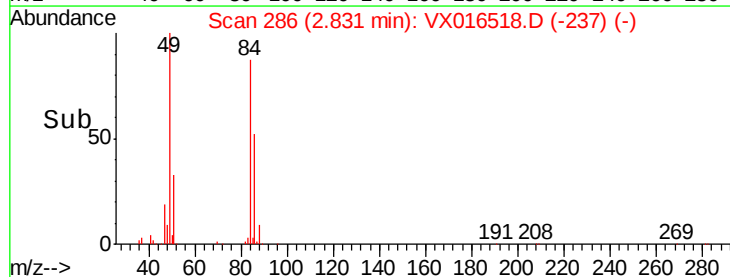
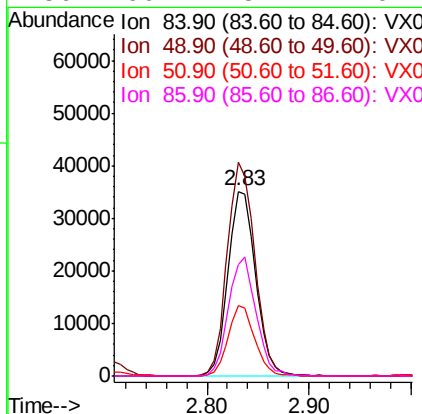
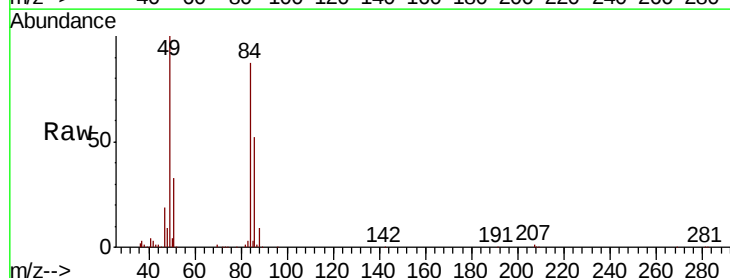
Tot Ion: 73 Resp: 205319
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.8 26.6



#20

Methylene Chloride
 Concen: 18.633 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion: 84 Resp: 66073
 Ion Ratio Lower Upper
 84 100
 49 115.5 94.5 141.7
 51 37.7 30.2 45.4
 86 60.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.905 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

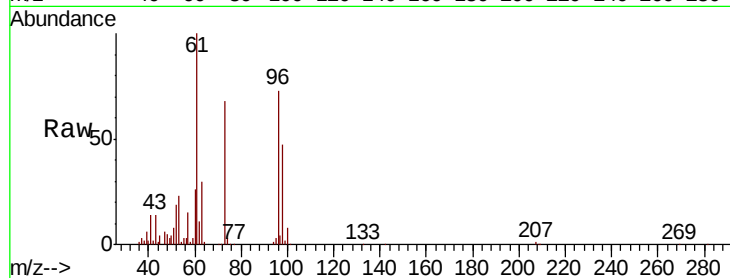
Tot Ion: 96 Resp: 63383

Ion Ratio Lower Upper

96 100

61 136.6 115.3 172.9

98 63.7 51.9 77.9

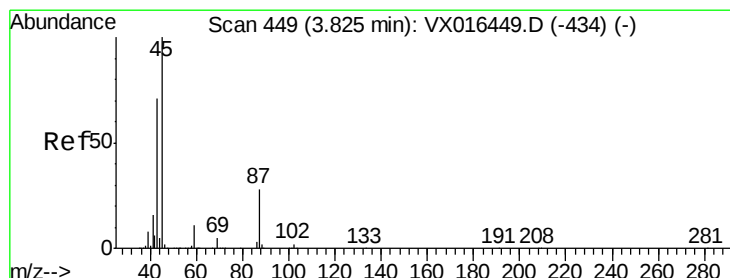
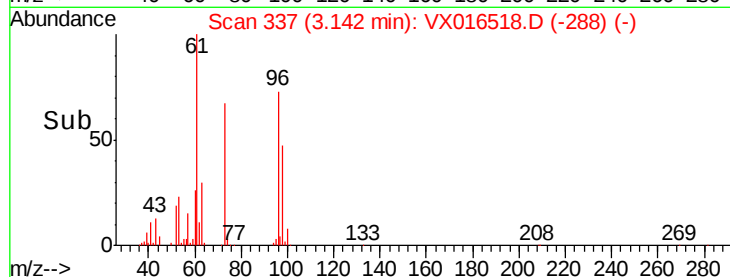
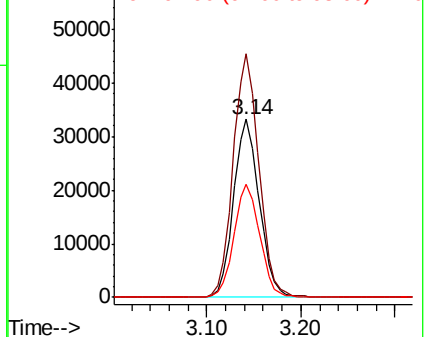


Abundance

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: 18.762 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Tgt Ion: 45 Resp: 200914

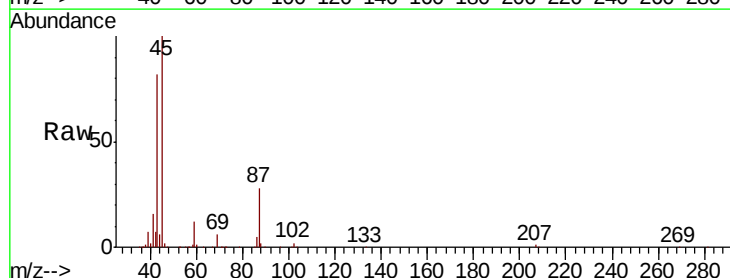
Ion Ratio Lower Upper

45 100

43 81.6 57.0 85.6

87 28.0 22.5 33.7

59 12.2 9.1 13.7



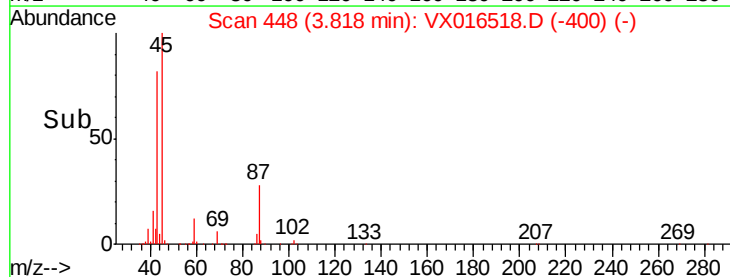
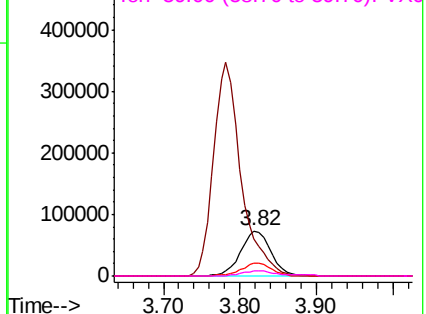
Abundance

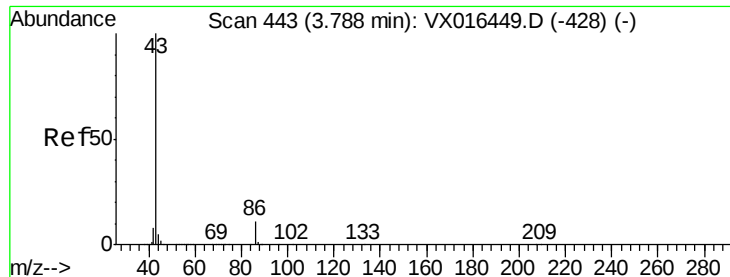
Ion 45.00 (44.70 to 45.70): VX0

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: 92.961 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

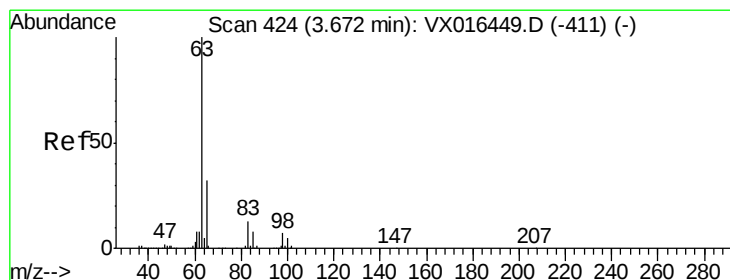
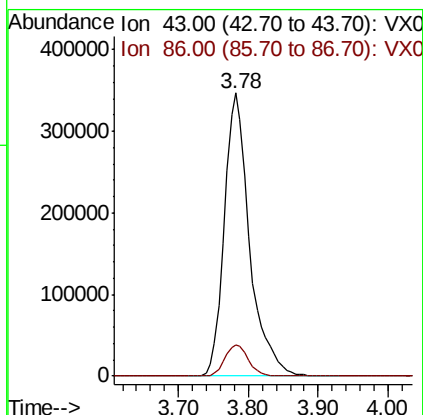
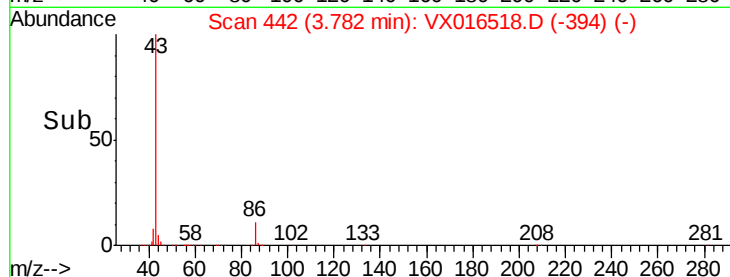
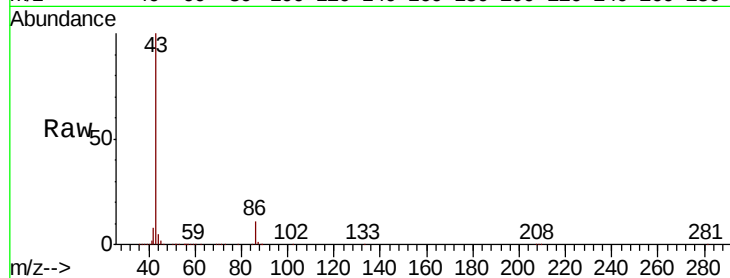
VX0601WBS01

Tot Ion: 43 Resp: 871350

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



#24

1,1-Dichloroethane

Concen: 18.827 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

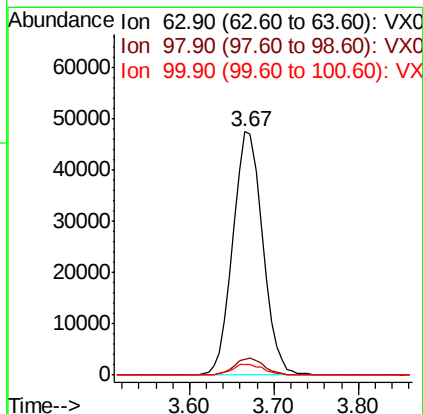
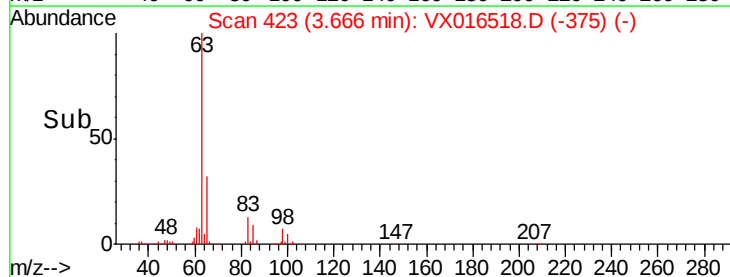
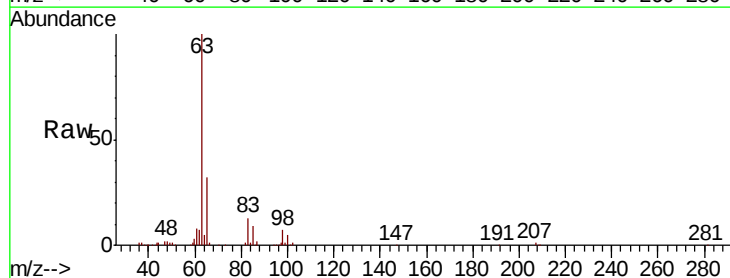
Tgt Ion: 63 Resp: 113793

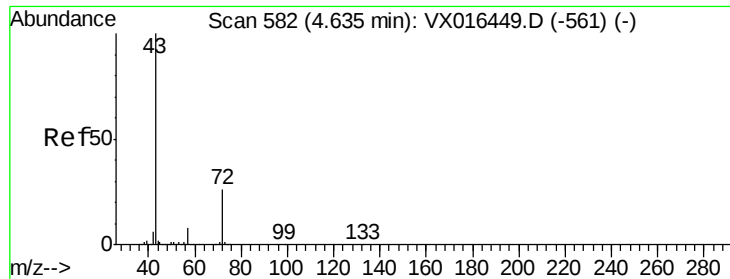
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 85.394 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

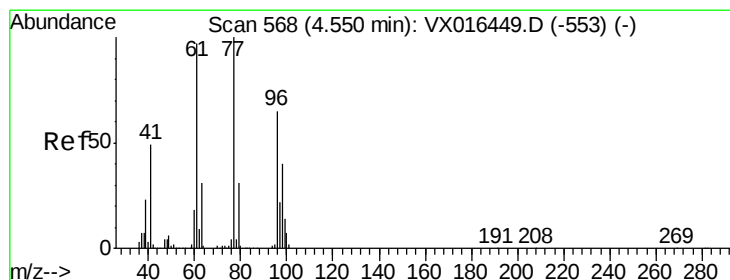
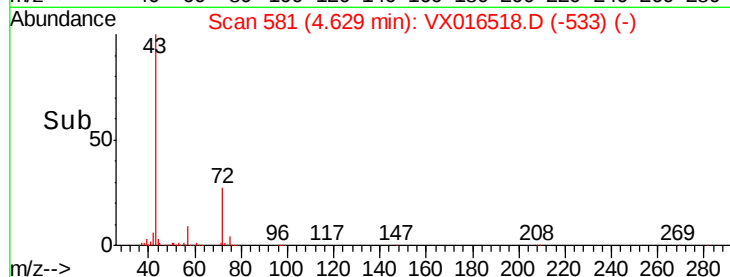
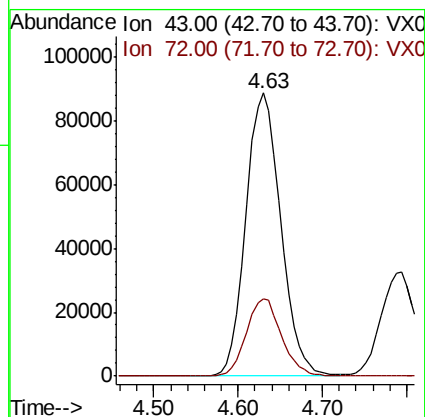
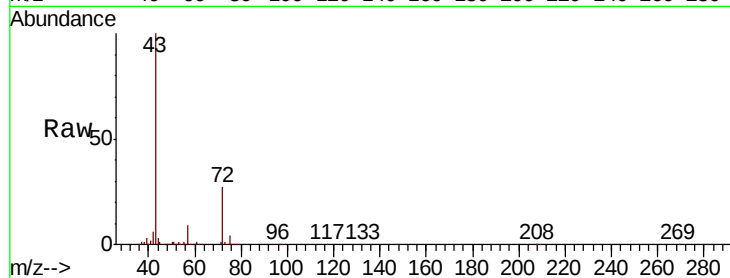
VX0601WBS01

Tot Ion: 43 Resp: 248004

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.6



#26

2,2-Dichloropropane

Concen: 21.285 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016518.D

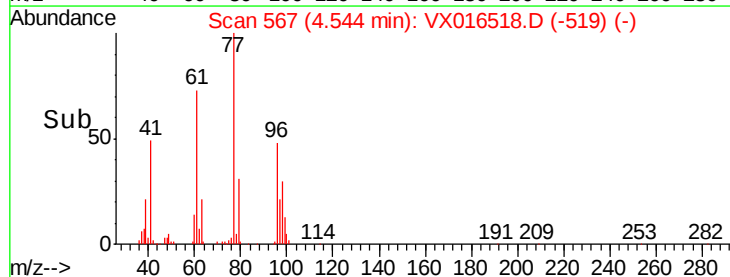
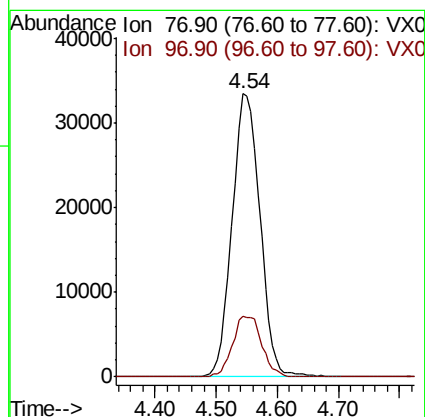
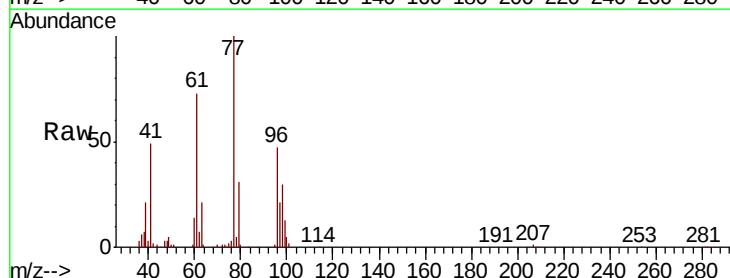
Acq: 01 Jun 2020 10:56

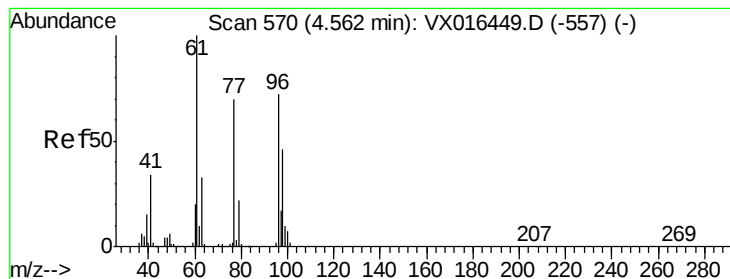
Tgt Ion: 77 Resp: 105269

Ion Ratio Lower Upper

77 100

97 22.2 11.5 34.4



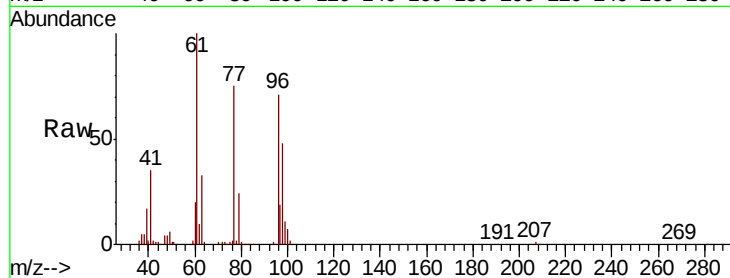


#27

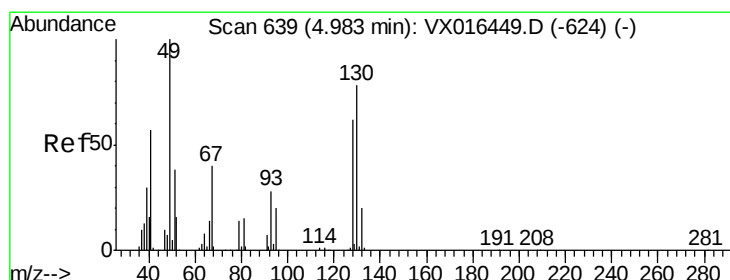
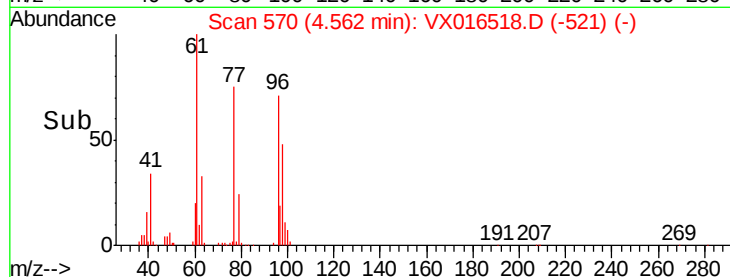
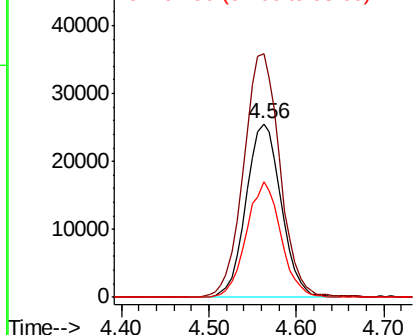
cis-1,2-Dichloroethene
 Concen: 18.460 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion: 96 Resp: 71602
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 284.6
 98 65.0 0.0 127.2



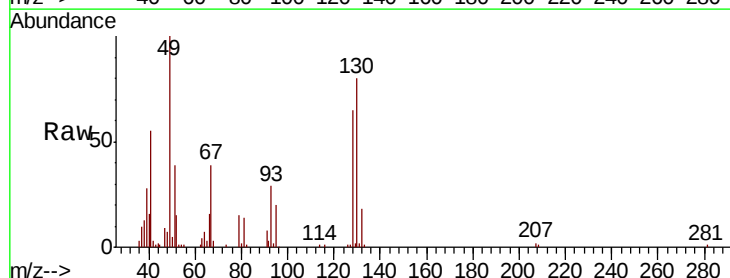
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



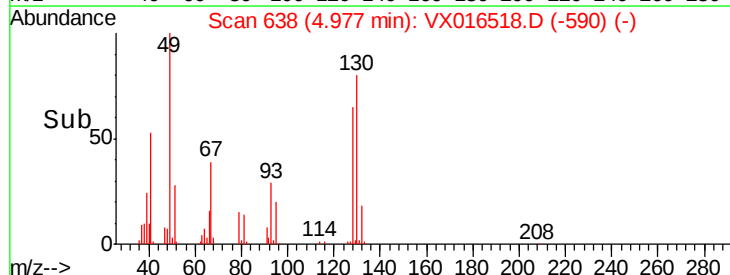
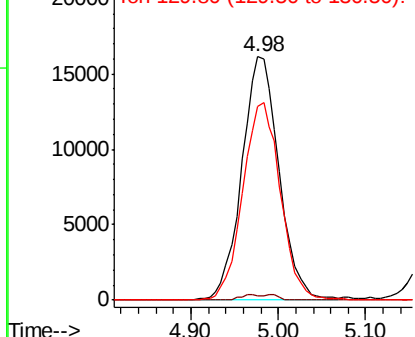
#28

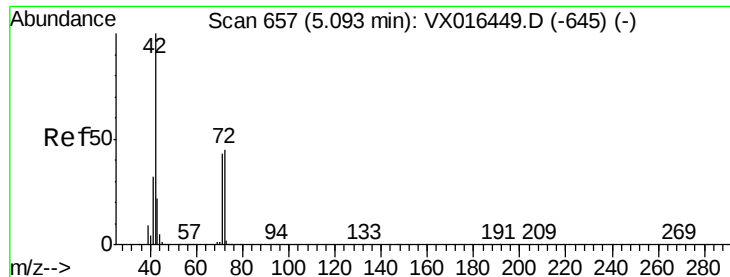
Bromochloromethane
 Concen: 17.022 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion: 49 Resp: 47810
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 82.2 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

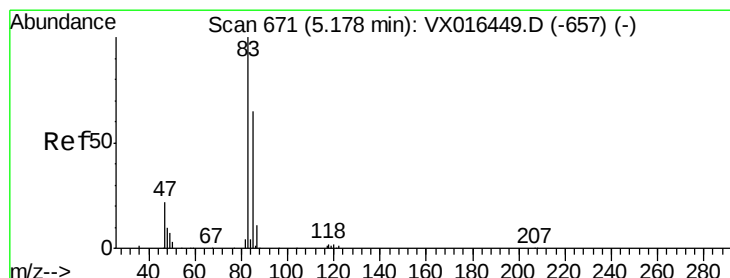
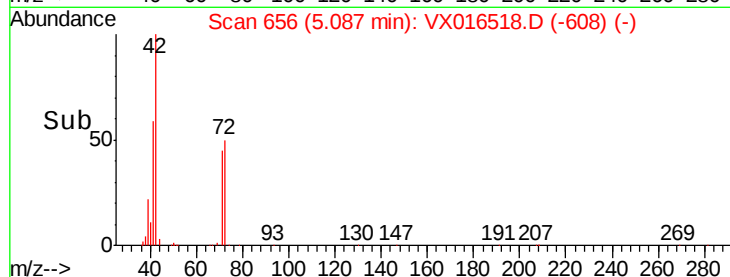
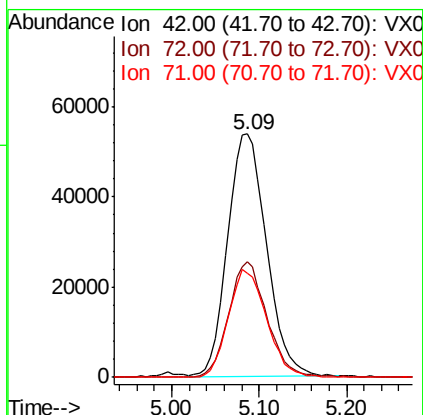
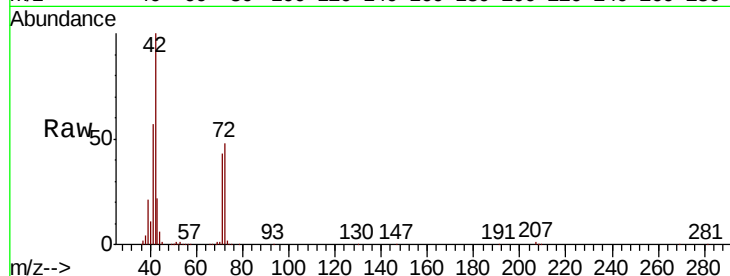




#29
Tetrahydrofuran
Concen: 88.794 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

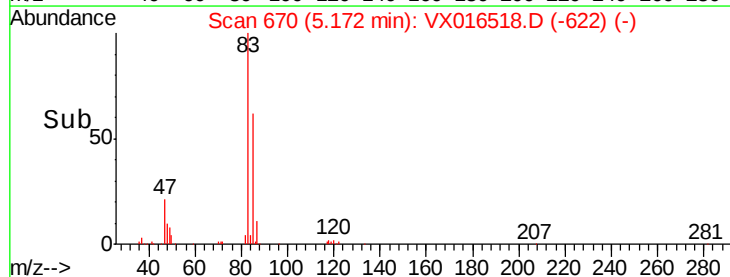
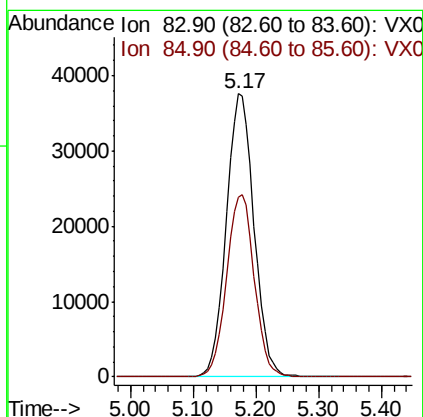
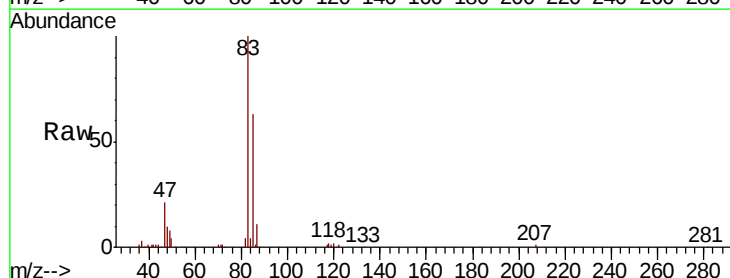
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

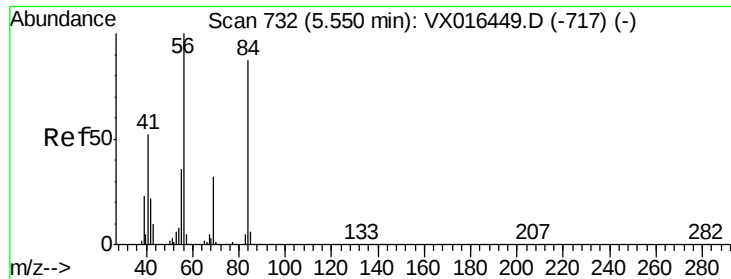
Tot Ion: 42 Resp: 166602
Ion Ratio Lower Upper
42 100
72 47.1 37.0 55.4
71 43.7 34.1 51.1



#30
Chloroform
Concen: 18.834 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 83 Resp: 114700
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0

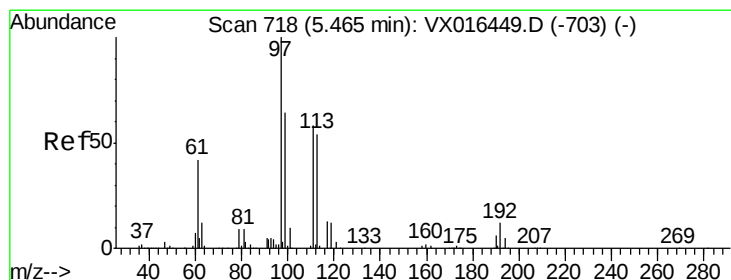
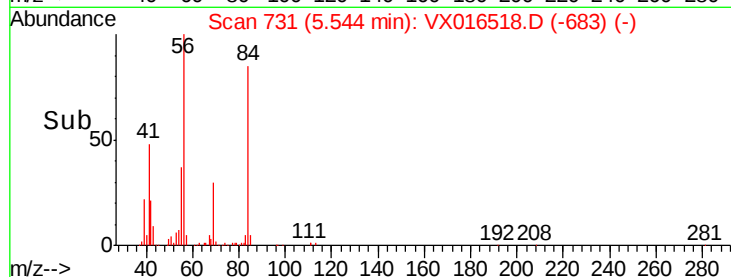
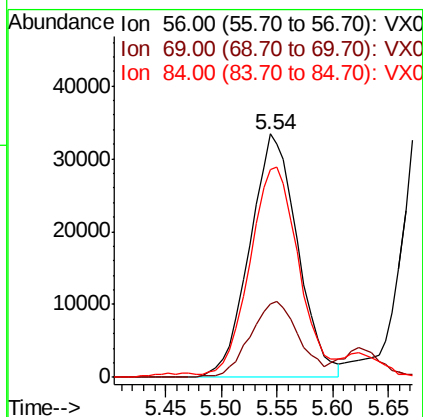
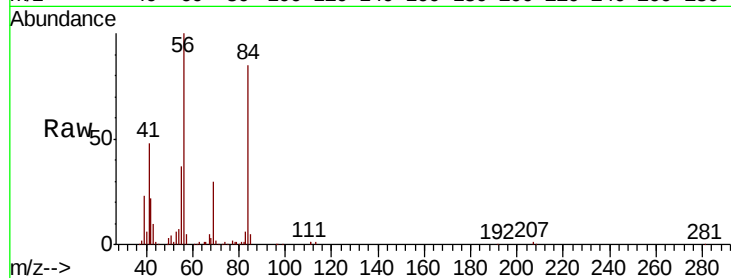




#31
Cyclohexane
Concen: 18.365 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

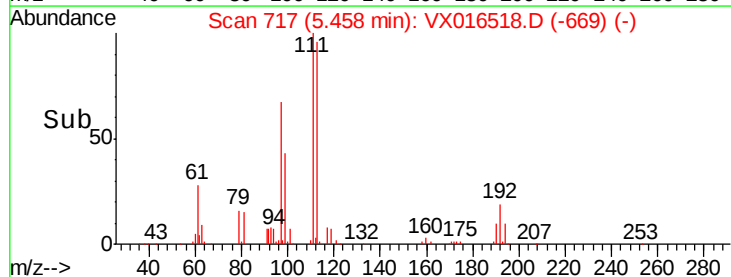
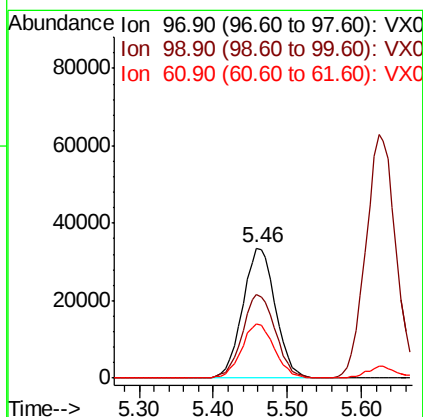
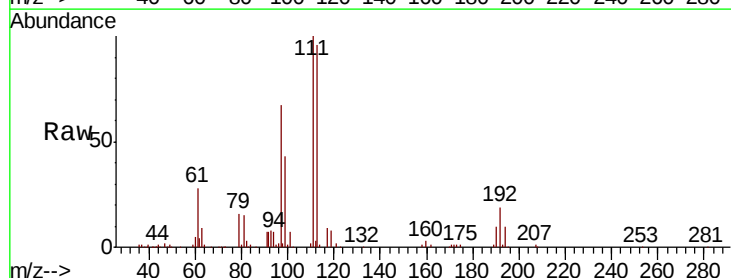
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

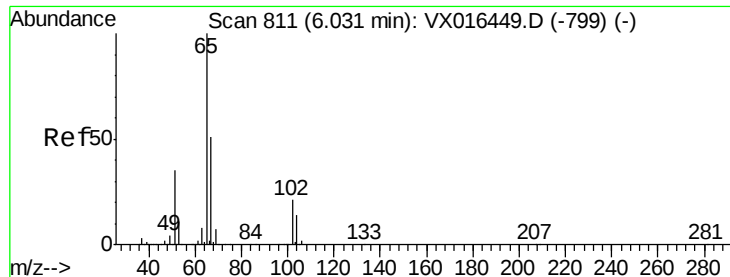
Tot Ion: 56 Resp: 99862
Ion Ratio Lower Upper
56 100
69 29.9 25.7 38.5
84 83.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.797 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 97 Resp: 103639
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 41.6 33.5 50.3

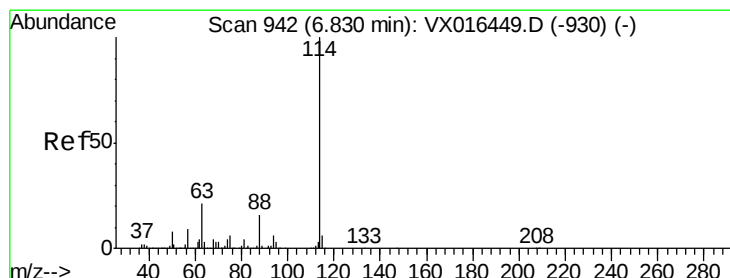
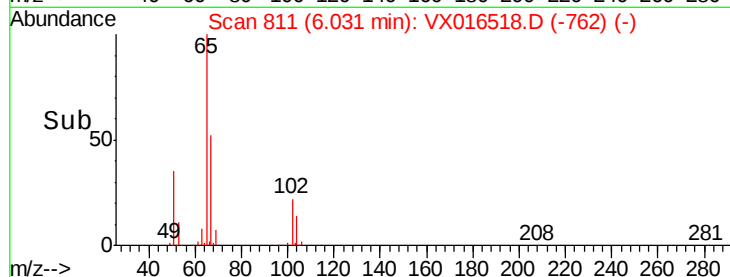
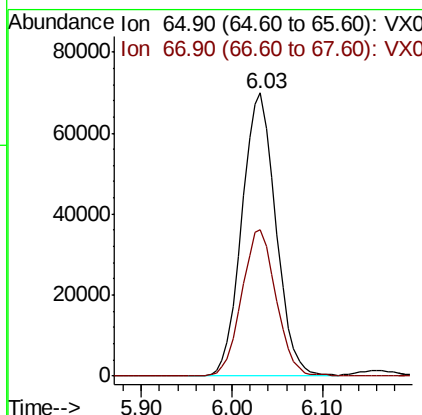
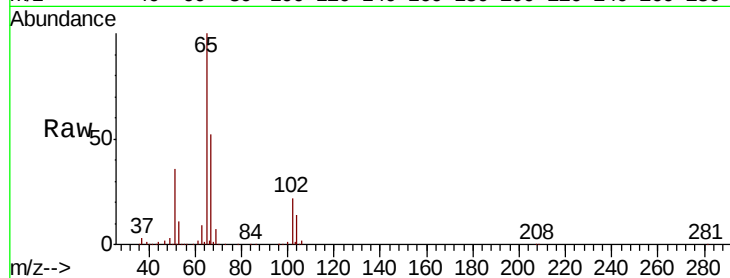




#33
 1,2-Dichloroethane-d4
 Concen: 46.386 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

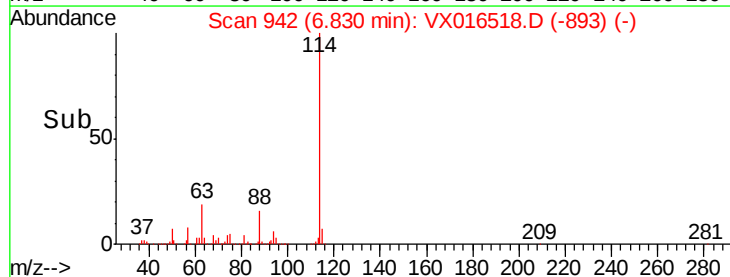
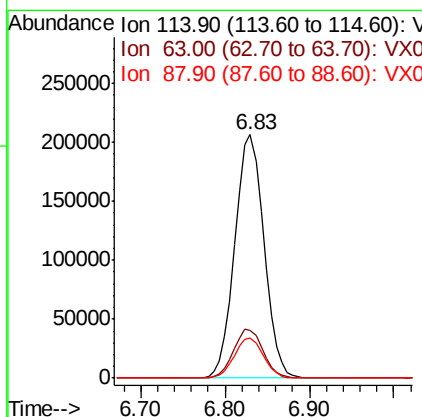
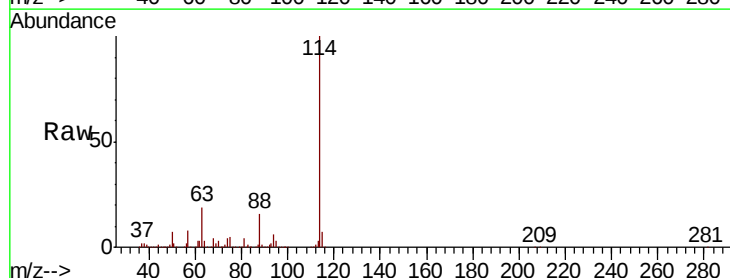
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

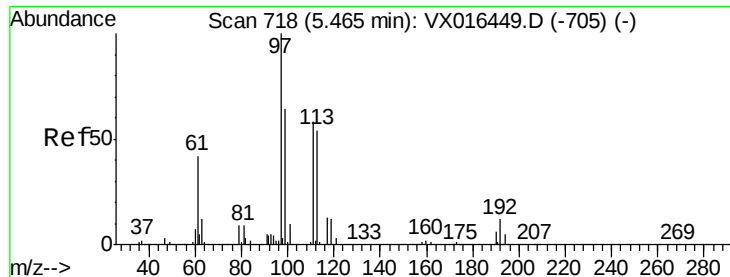
Tot Ion: 65 Resp: 181465
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion: 114 Resp: 483529
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.912 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

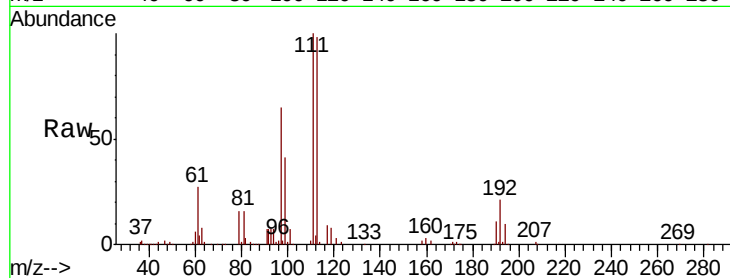
Tot Ion:113 Resp: 142649

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.6

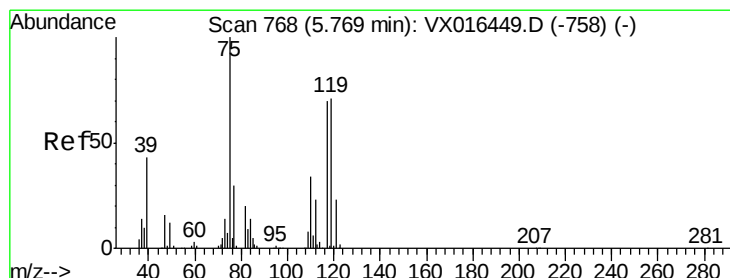
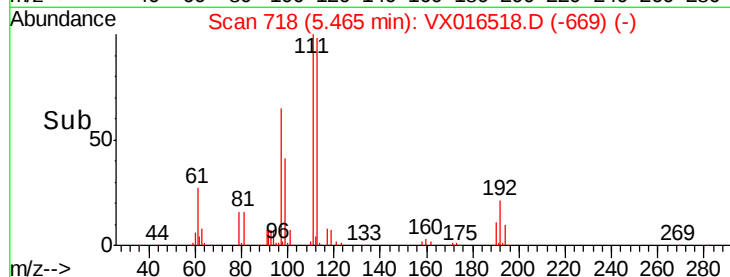
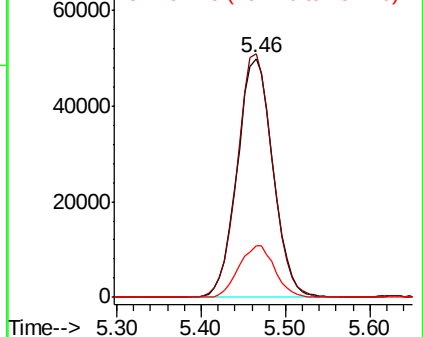
192 22.0 17.7 26.5



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: 19.175 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

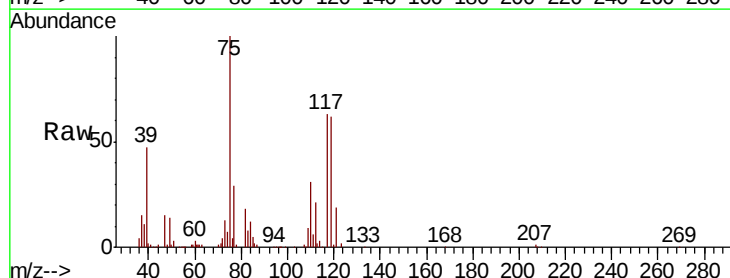
Tgt Ion: 75 Resp: 87787

Ion Ratio Lower Upper

75 100

110 35.5 17.4 52.3

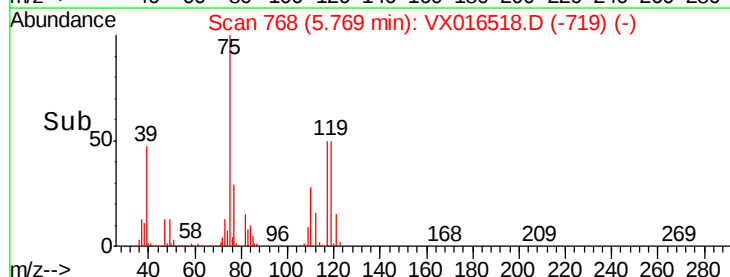
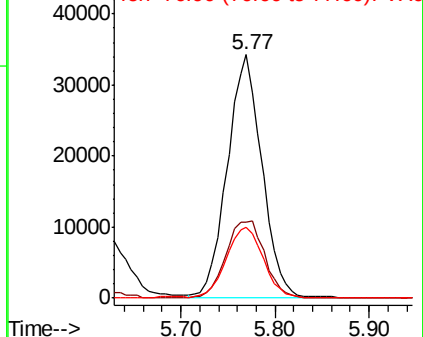
77 31.4 24.2 36.4

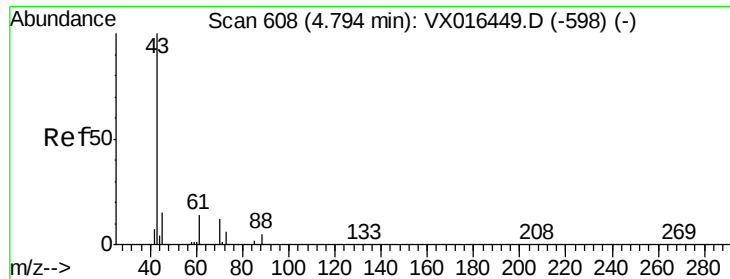


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

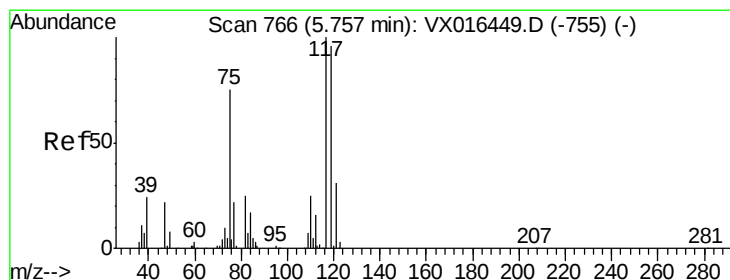
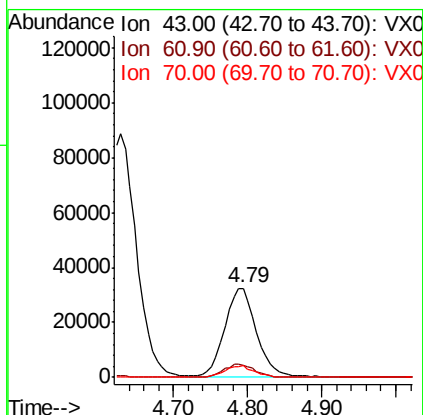
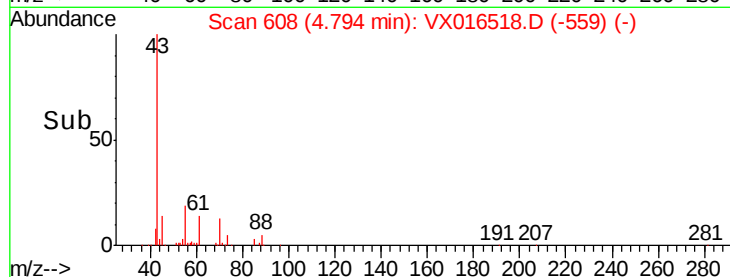
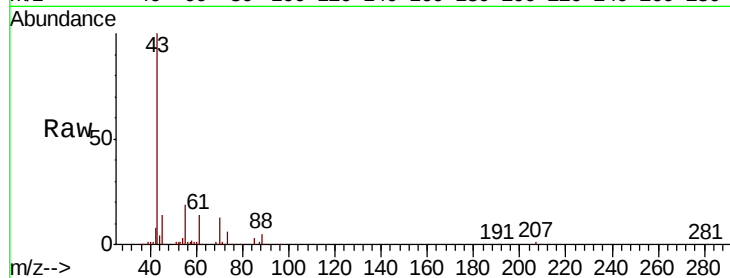




#37
Ethyl Acetate
Concen: 17.556 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

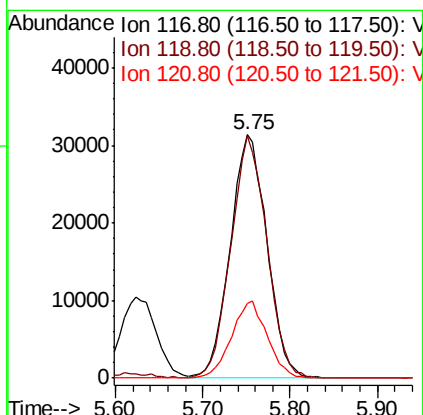
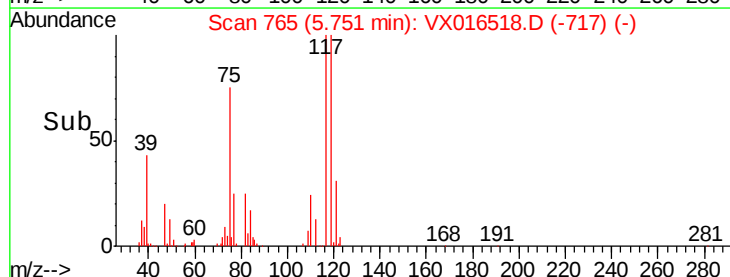
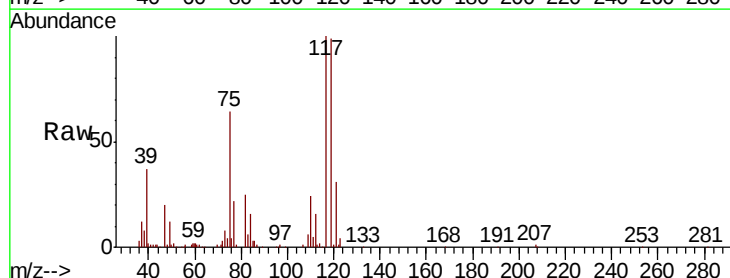
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion: 43 Resp: 96493
Ion Ratio Lower Upper
43 100
61 15.3 11.3 16.9
70 12.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.994 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 117 Resp: 91384
Ion Ratio Lower Upper
117 100
119 99.3 76.3 114.5
121 30.8 24.6 37.0

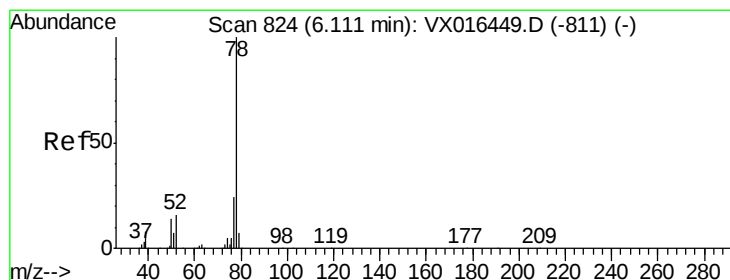
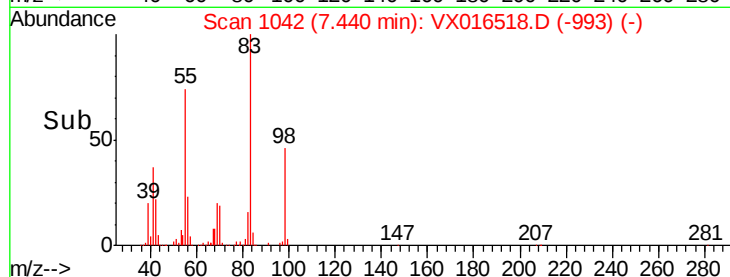
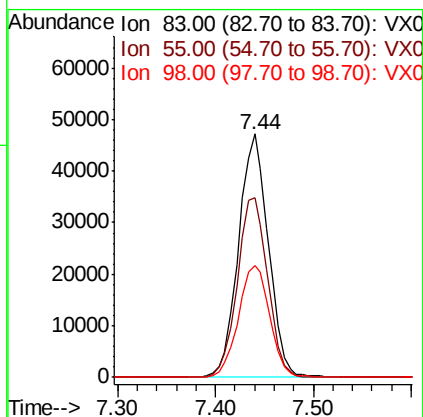
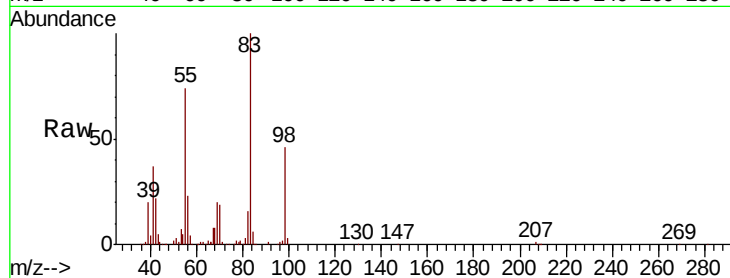




#39
Methvlcvclohexane
Concen: 20.042 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

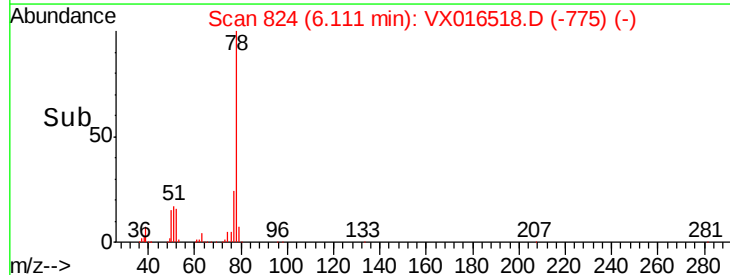
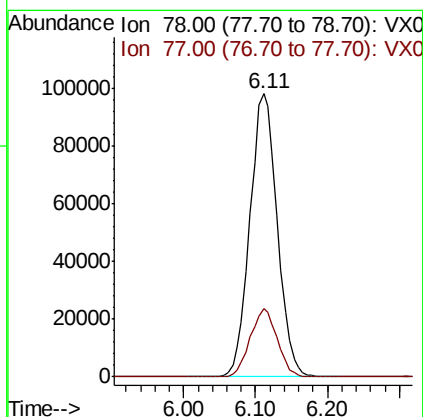
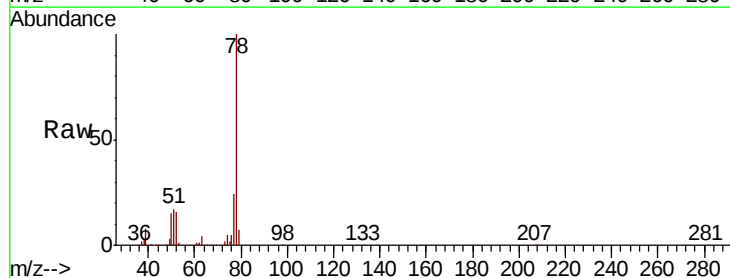
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

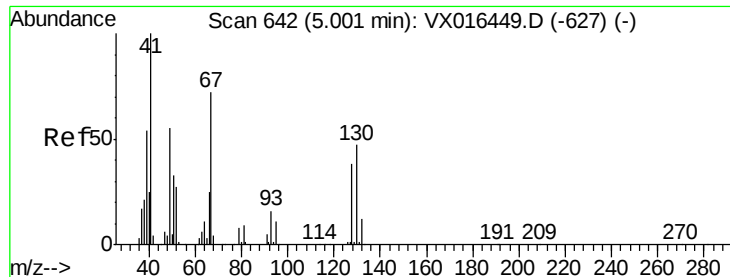
Tot Ion: 83 Resp: 99662
Ion Ratio Lower Upper
83 100
55 73.6 61.7 92.5
98 46.0 38.7 58.1



#40
Benzene
Concen: 19.060 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 78 Resp: 259848
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3

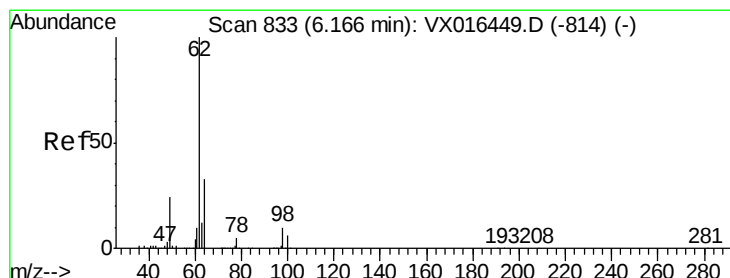
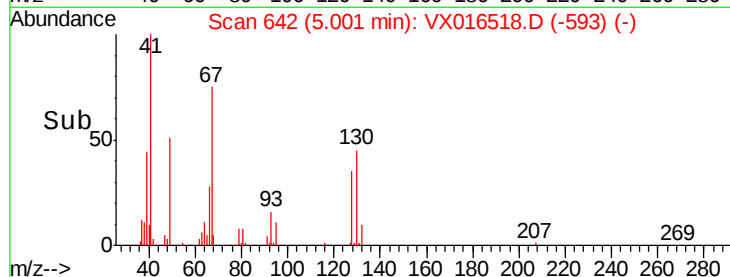
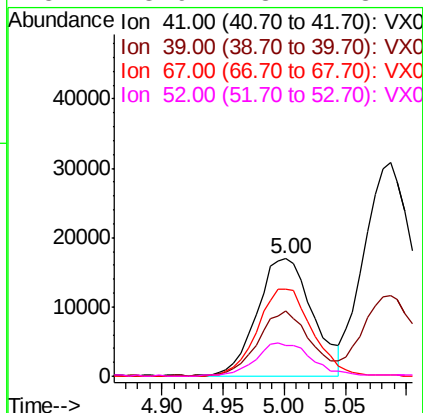
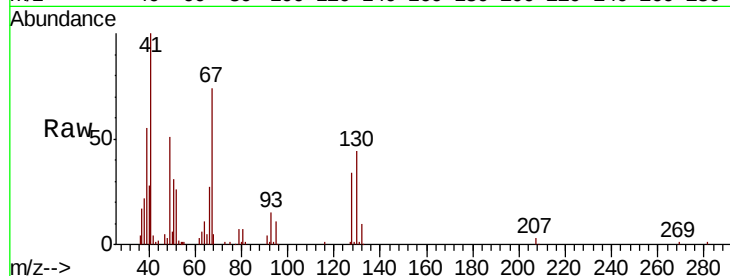




#41
Methacrylonitrile
Concen: 17.689 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

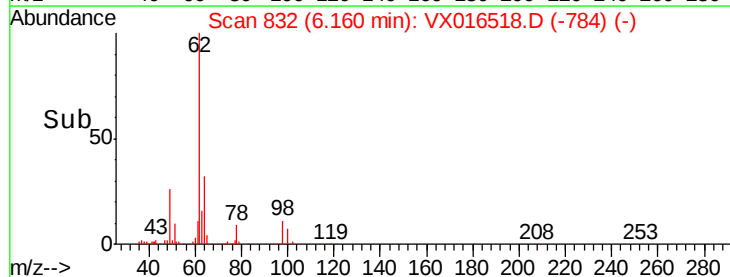
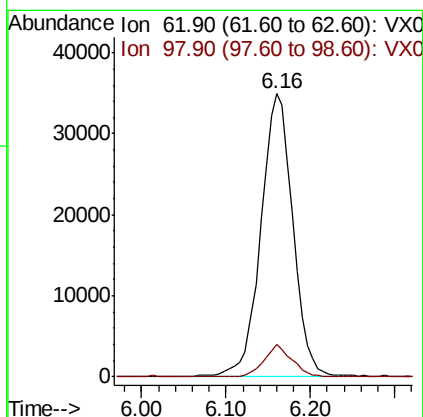
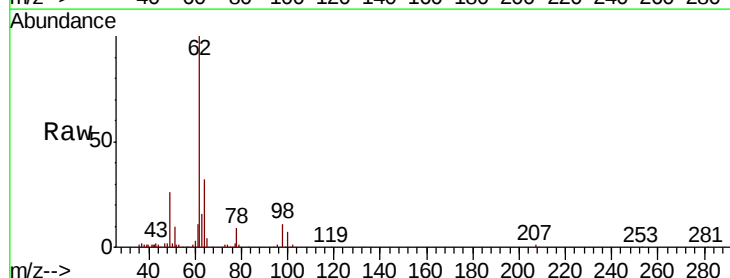
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

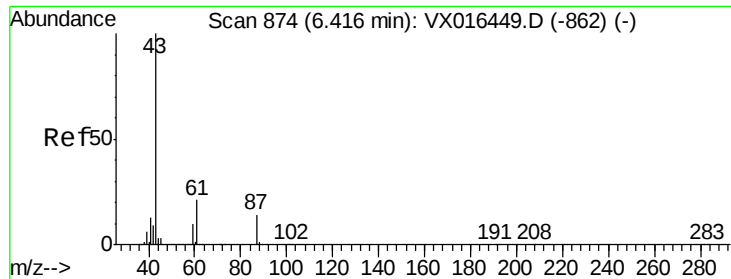
Tot Ion:	41	Resp:	53405
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.0	64.4
67	73.8	58.9	88.3
52	28.9	23.1	34.7



#42
1,2-Dichloroethane
Concen: 18.885 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion:	62	Resp:	91564
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 17.746 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

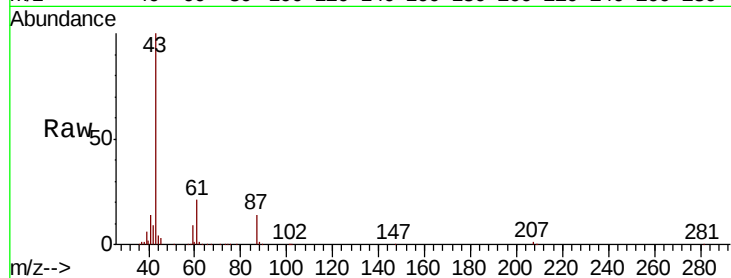
Tot Ion: 43 Resp: 152139

Ion Ratio Lower Upper

43 100

61 22.0 16.8 25.2

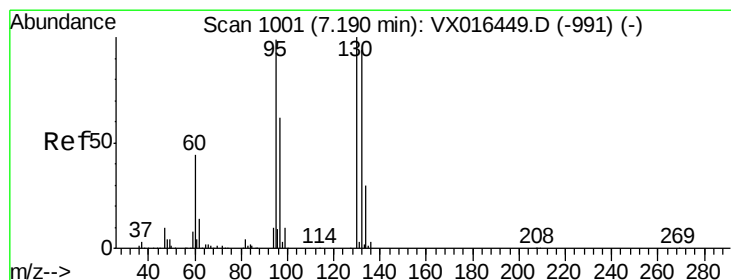
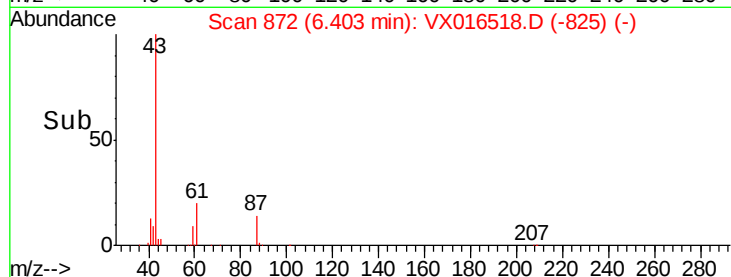
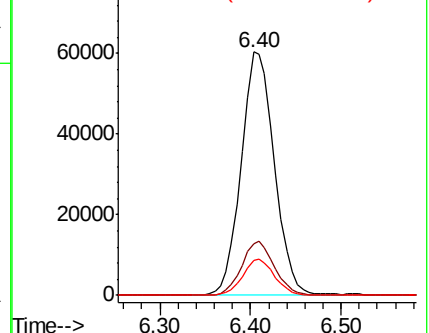
87 14.3 11.2 16.8



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: 20.078 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016518.D

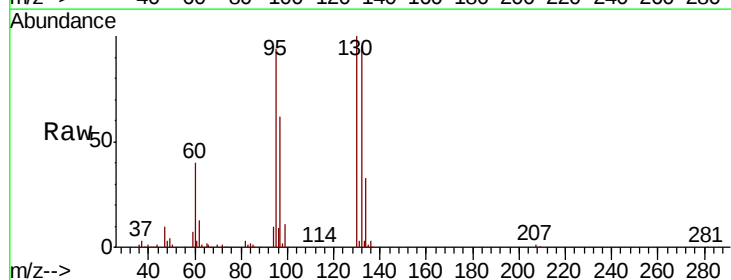
Acq: 01 Jun 2020 10:56

Tgt Ion:130 Resp: 86851

Ion Ratio Lower Upper

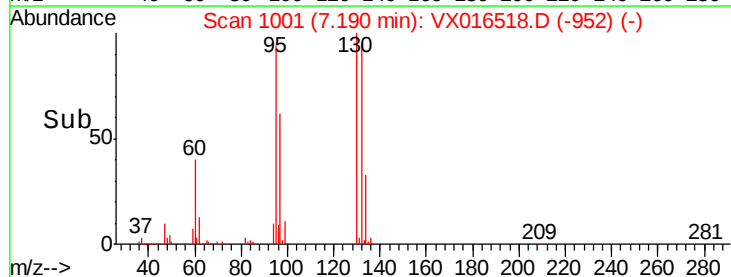
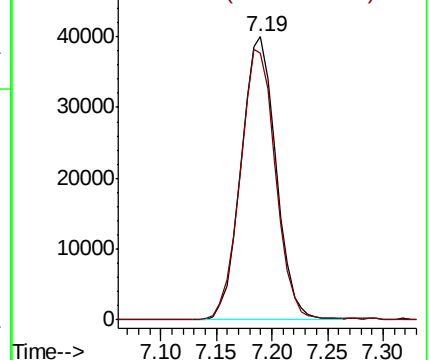
130 100

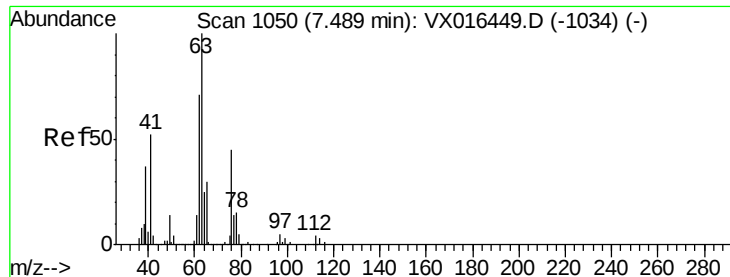
95 94.1 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.191 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

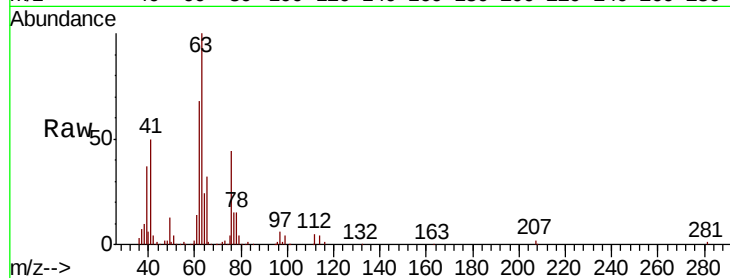
VX0601WBS01

Tot Ion: 63 Resp: 66607

Ion Ratio Lower Upper

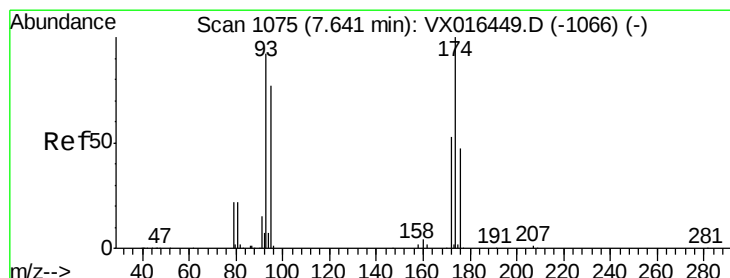
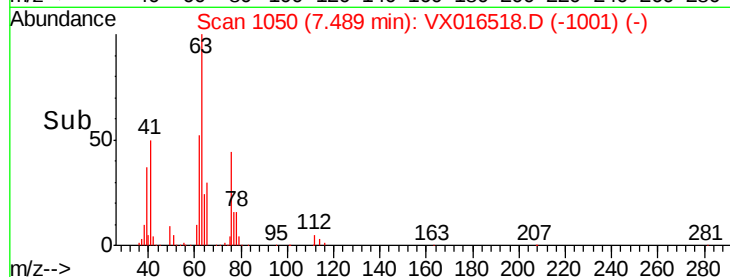
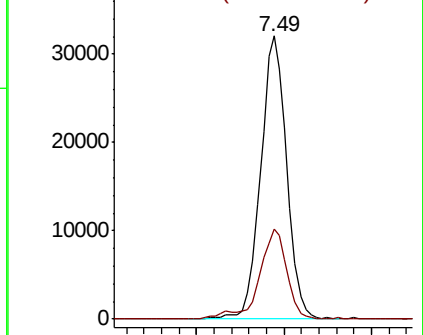
63 100

65 31.6 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.537 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

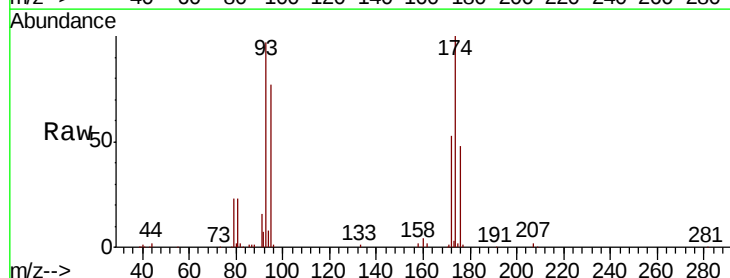
Tgt Ion: 93 Resp: 43213

Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

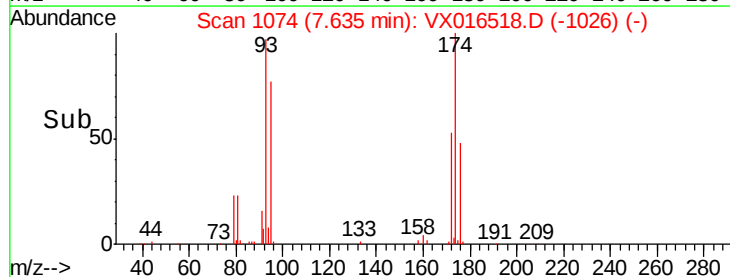
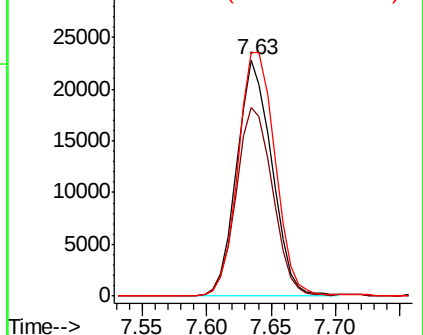
174 109.1 86.2 129.4

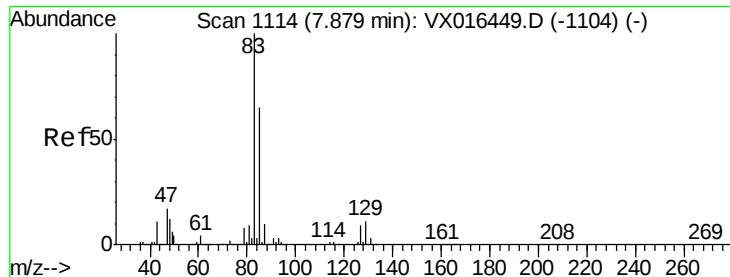


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.792 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

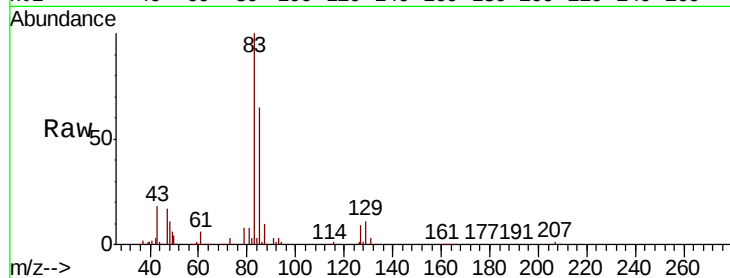
Tot Ion: 83 Resp: 90708

Ion Ratio Lower Upper

83 100

85 64.7 52.0 78.0

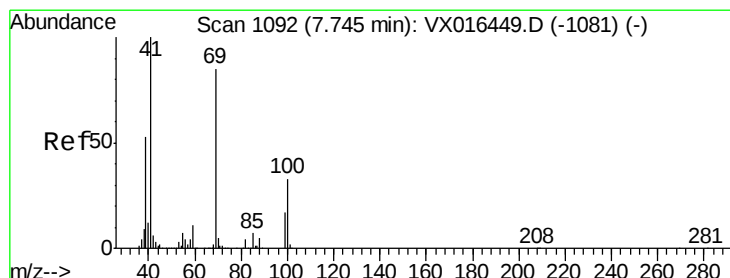
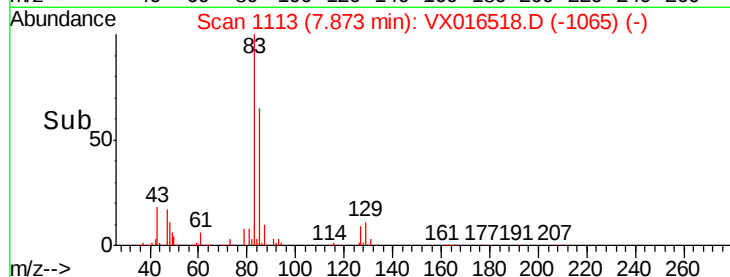
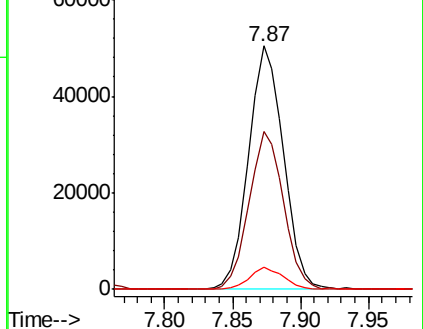
127 8.9 7.4 11.0



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: 17.653 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

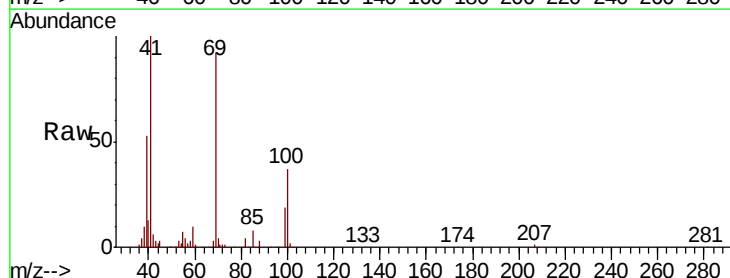
Tgt Ion: 41 Resp: 72463

Ion Ratio Lower Upper

41 100

69 88.8 68.6 102.8

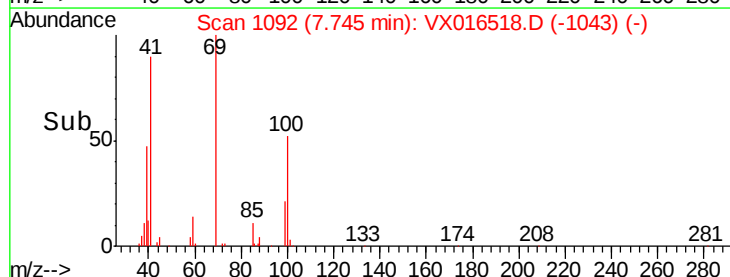
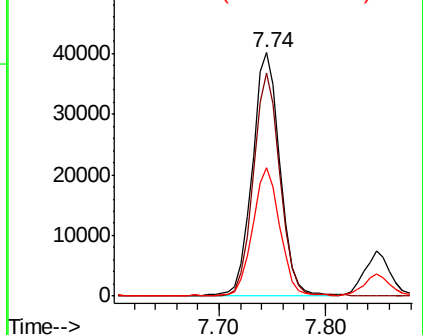
39 51.6 42.4 63.6

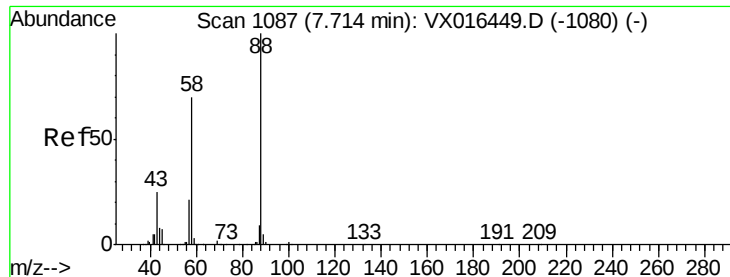


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 335.425 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

VX0601WBS01

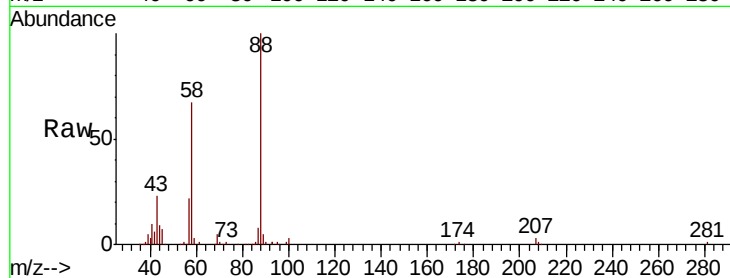
Tot Ion: 88 Resp: 32223

Ion Ratio Lower Upper

88 100

43 33.2 24.2 36.4

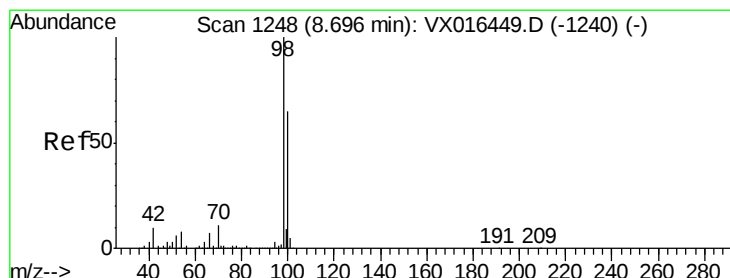
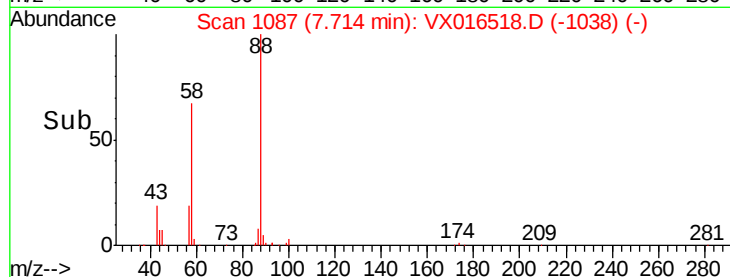
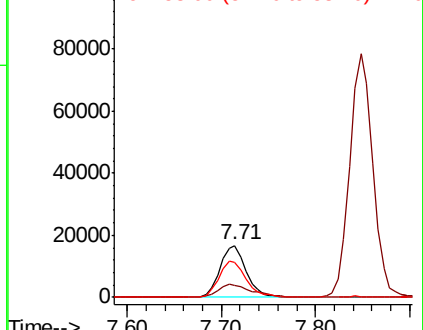
58 73.5 56.5 84.7



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: 49.178 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016518.D

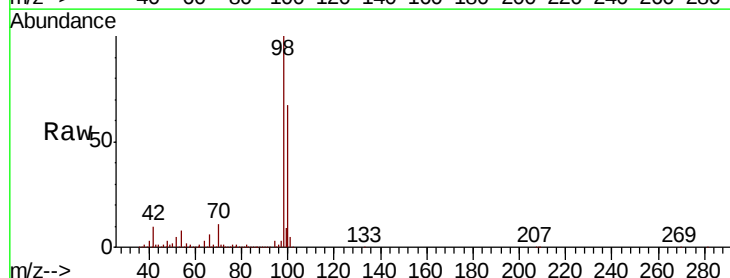
Acq: 01 Jun 2020 10:56

Tgt Ion: 98 Resp: 569894

Ion Ratio Lower Upper

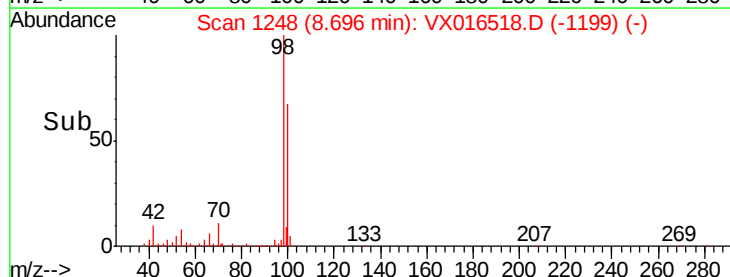
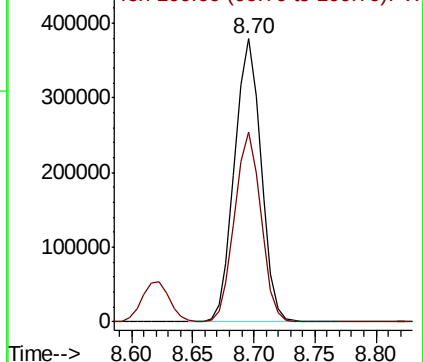
98 100

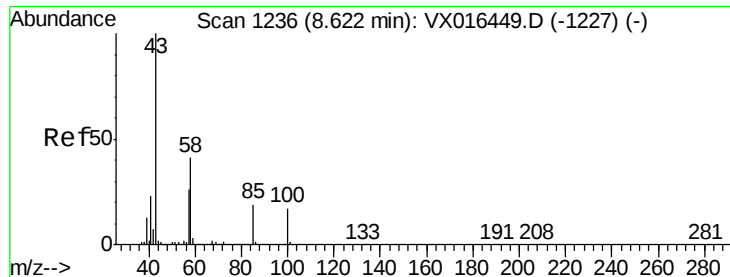
100 66.8 53.8 80.6



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: 90.768 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

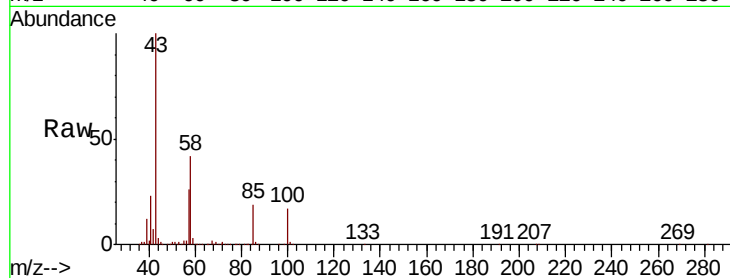
VX0601WBS01

Tot Ion: 43 Resp: 484551

Ion Ratio Lower Upper

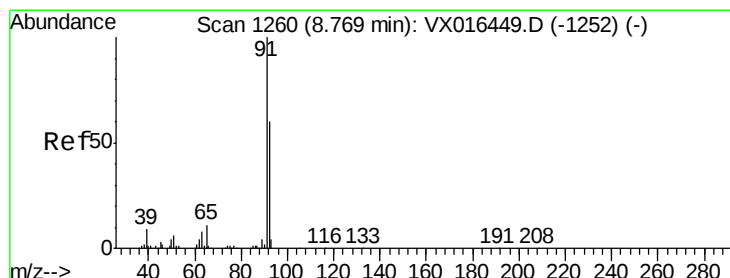
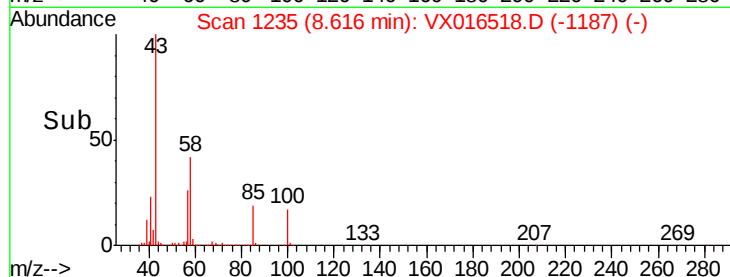
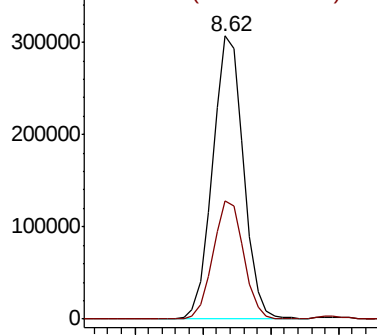
43 100

58 41.6 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.666 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016518.D

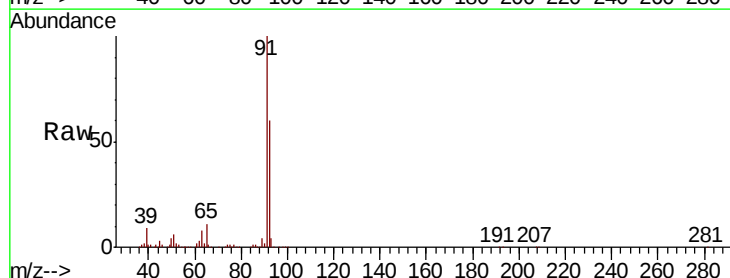
Acq: 01 Jun 2020 10:56

Tgt Ion: 92 Resp: 169069

Ion Ratio Lower Upper

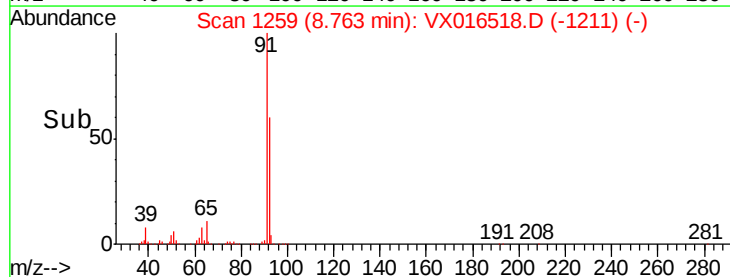
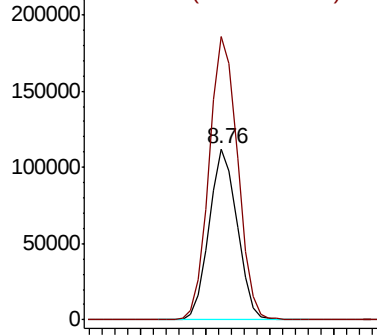
92 100

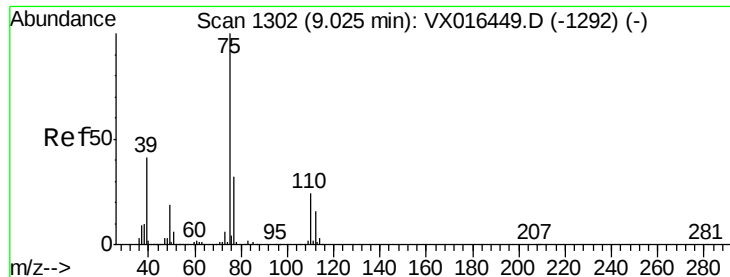
91 168.2 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.202 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

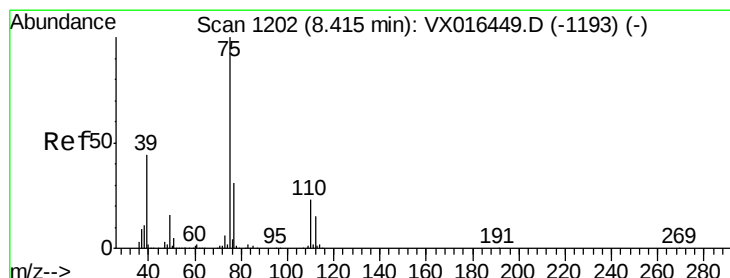
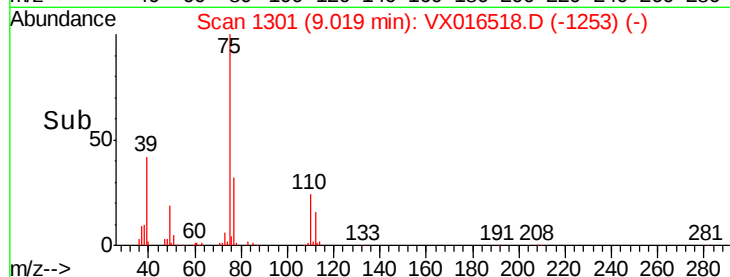
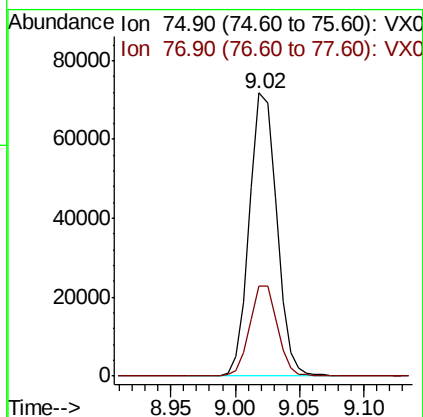
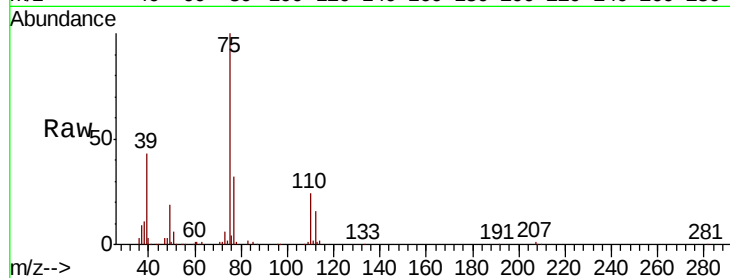
VX0601WBS01

Tot Ion: 75 Resp: 105392

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.378 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

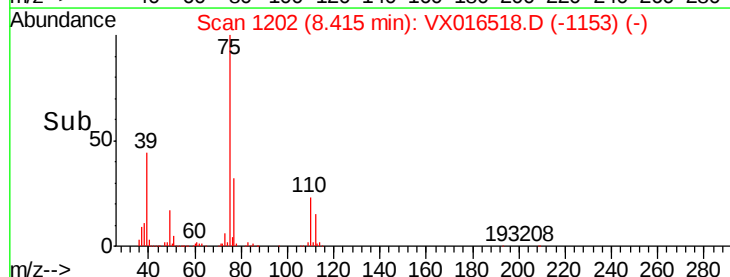
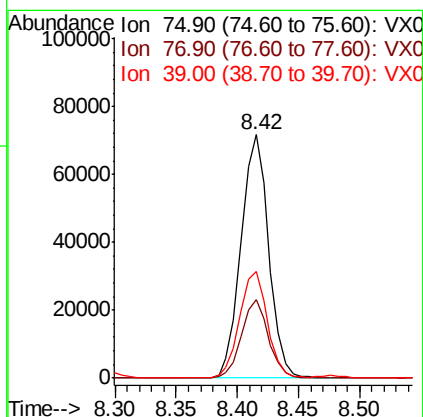
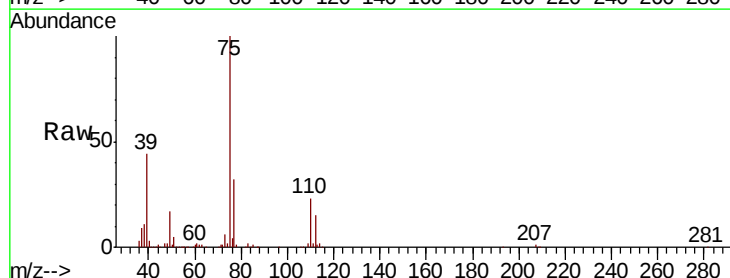
Tgt Ion: 75 Resp: 112577

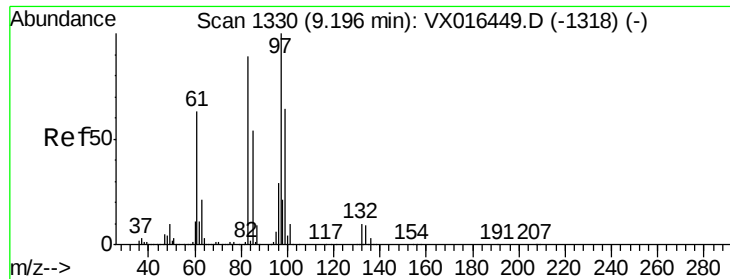
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 43.5 35.3 52.9

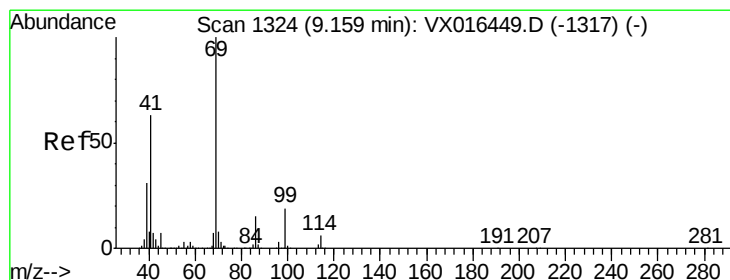
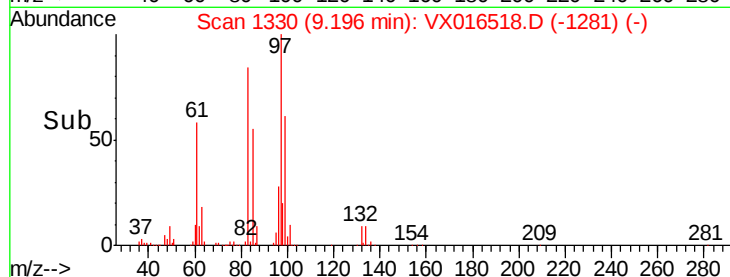
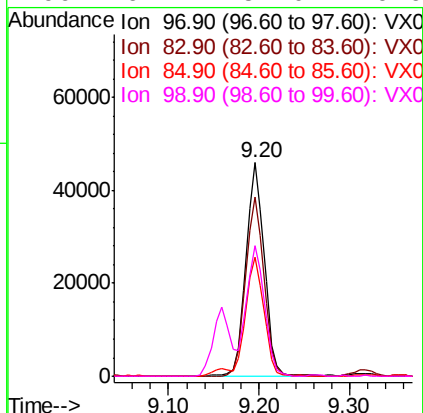
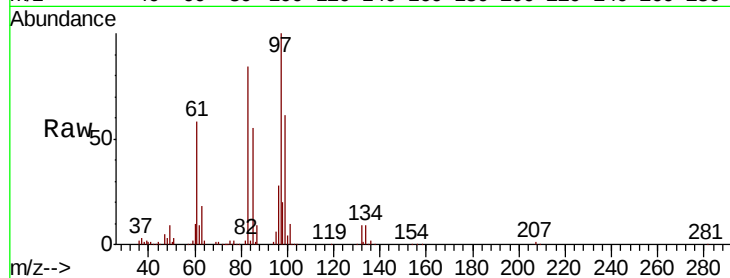




#55
 1,1,2-Trichloroethane
 Concen: 18.954 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

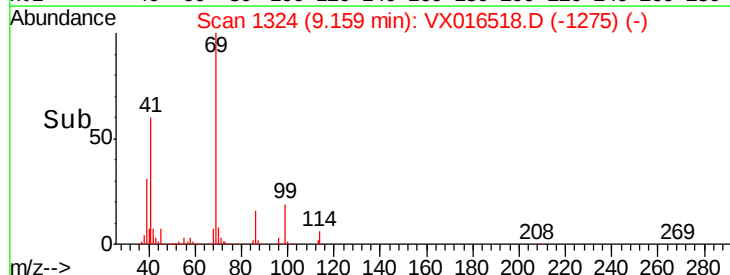
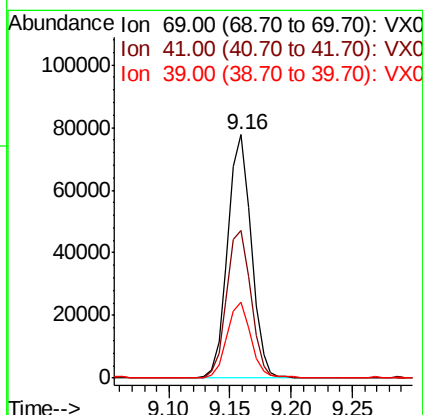
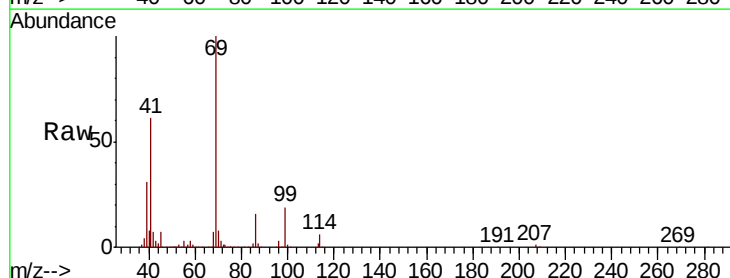
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.9	106.3
85	55.5	43.4	65.2
99	61.2	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 18.654 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.7	76.1
39	31.3	25.8	38.6





#57

1,3-Dichloropropane

Concen: 18.796 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

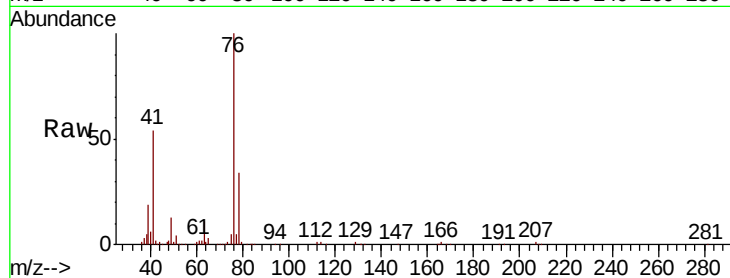
VX0601WBS01

Tot Ion: 76 Resp: 110280

Ion Ratio Lower Upper

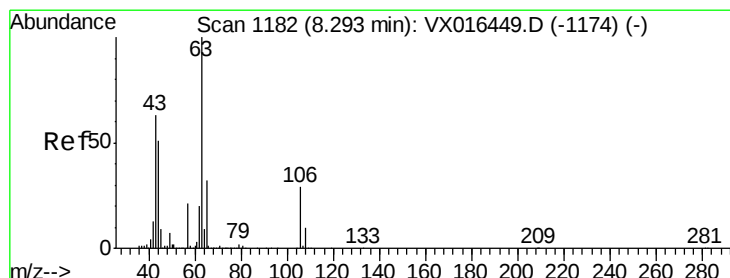
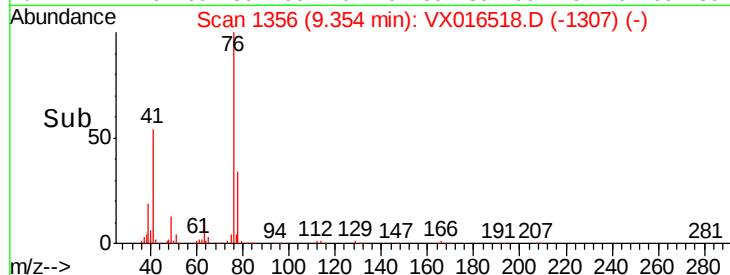
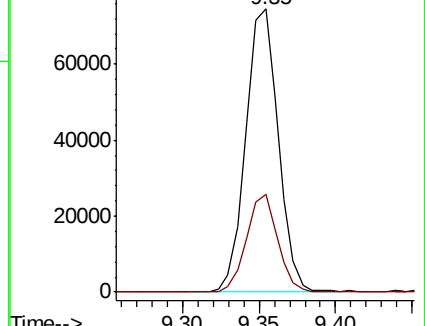
76 100

78 33.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 83.753 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016518.D

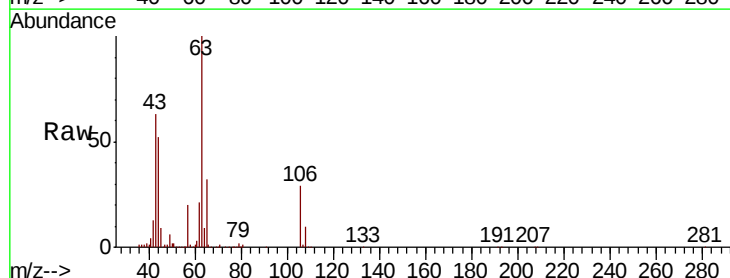
Acq: 01 Jun 2020 10:56

Tgt Ion: 63 Resp: 243365

Ion Ratio Lower Upper

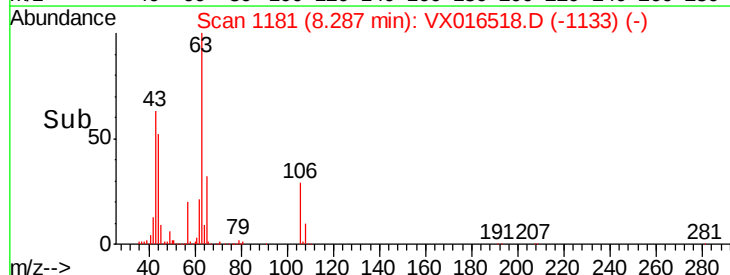
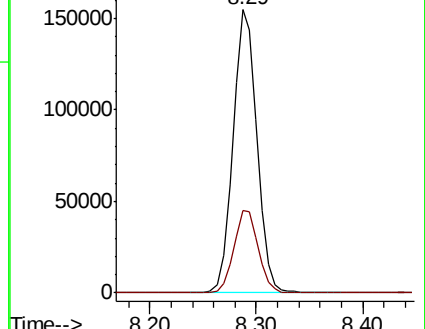
63 100

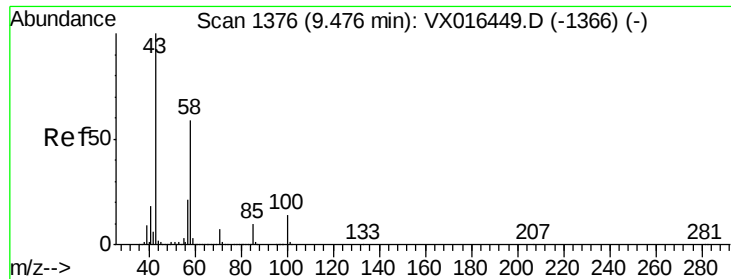
106 29.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

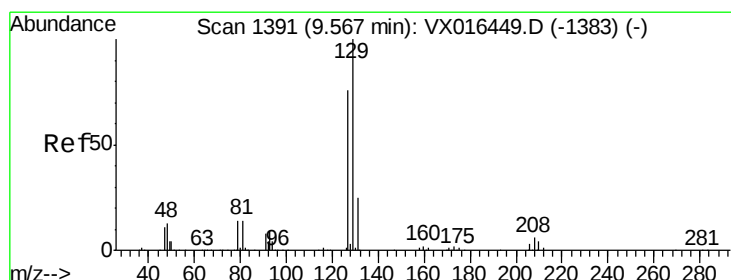
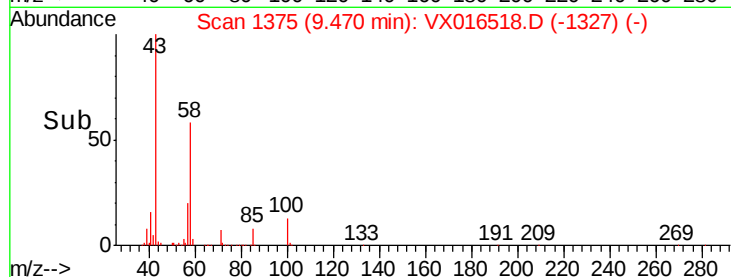
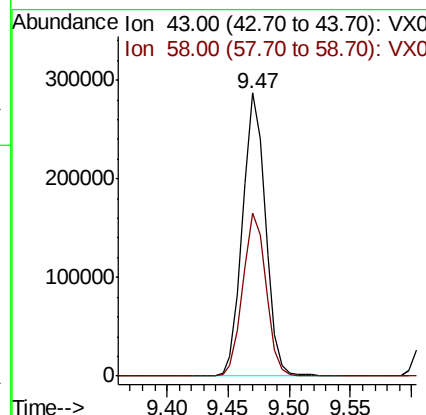
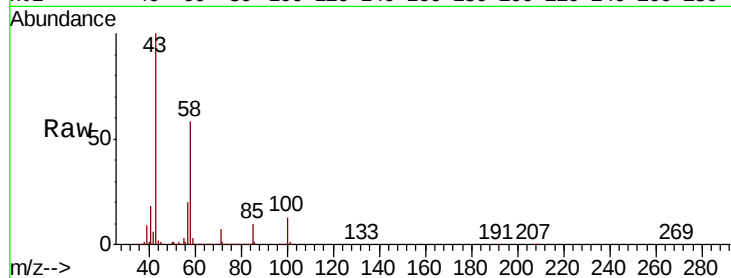




#59
2-Hexanone
Concen: 89.245 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

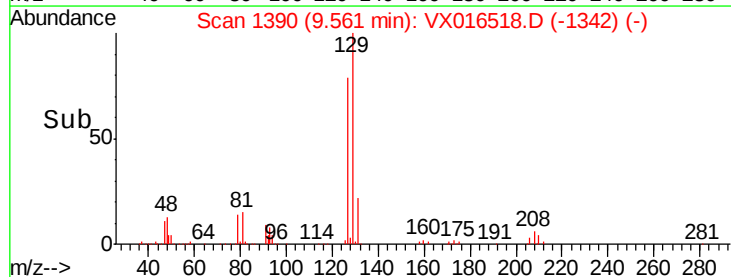
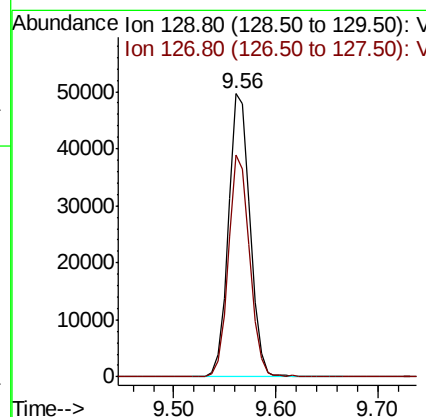
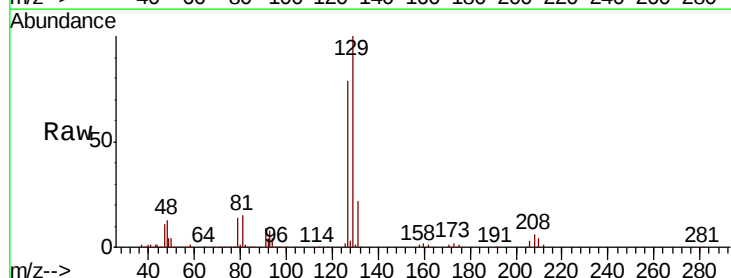
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

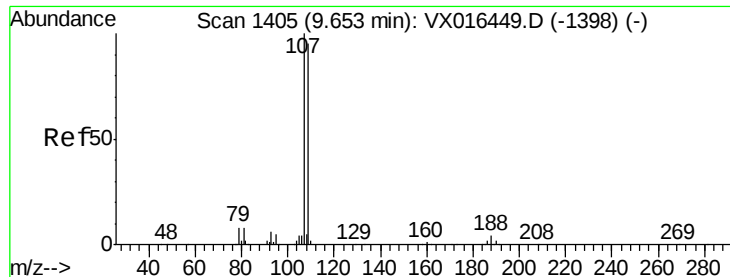
Tot Ion: 43 Resp: 370489
Ion Ratio Lower Upper
43 100
58 58.8 28.8 86.4



#60
Dibromochloromethane
Concen: 18.808 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 129 Resp: 72348
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0

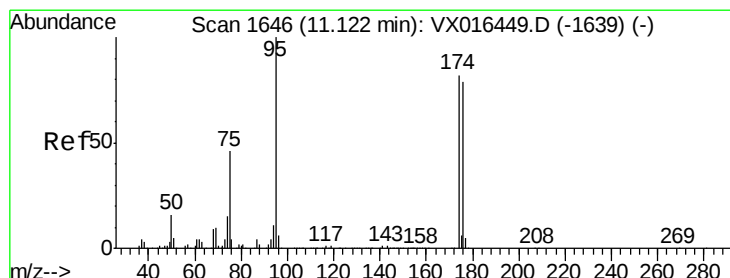
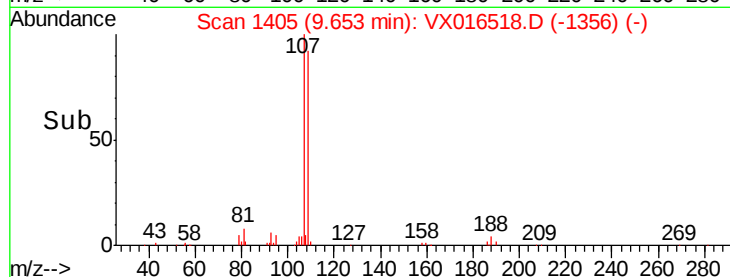
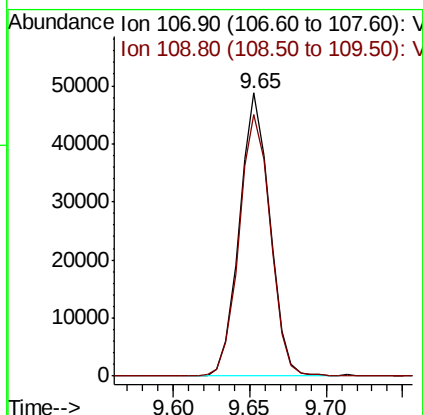
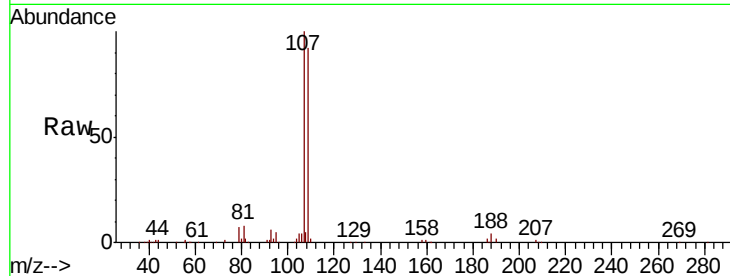




#61
 1,2-Dibromoethane
 Concen: 18.335 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

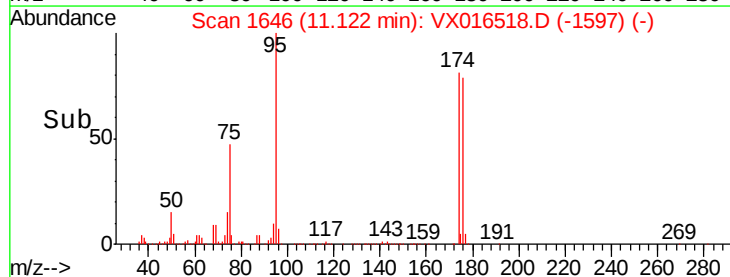
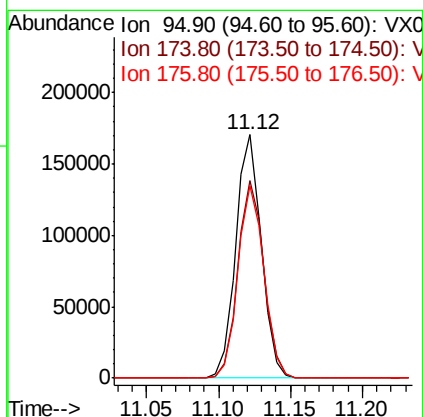
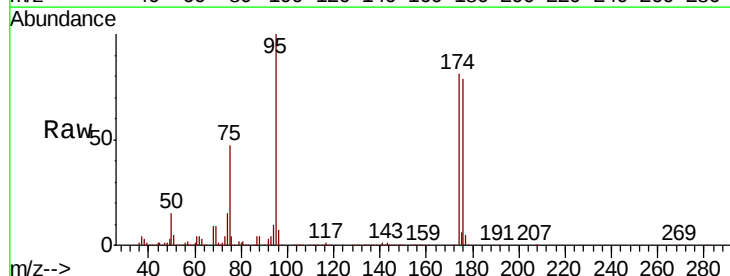
Instrument :
 MSVOA_X
 ClientSampled :
 VX0601WBS01

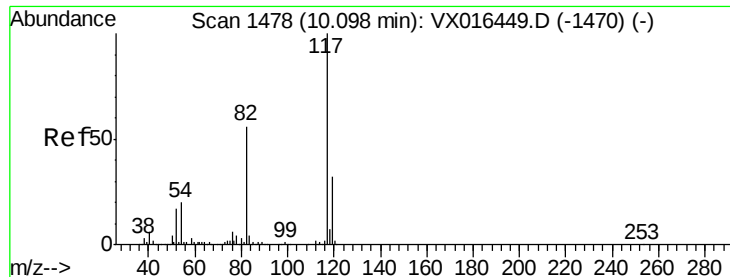
Tot Ion: 107 Resp: 67115
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 47.316 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion: 95 Resp: 211867
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 163.0
 176 79.8 0.0 156.8

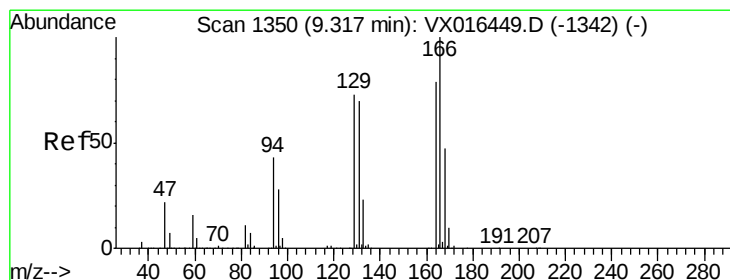
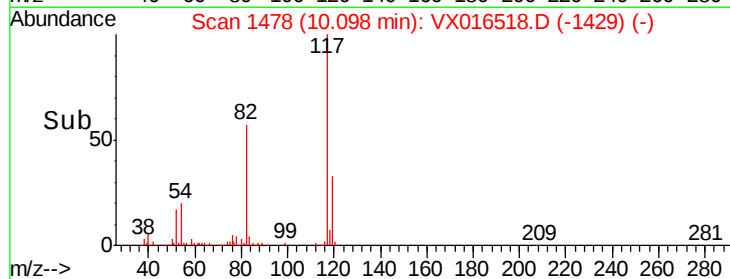
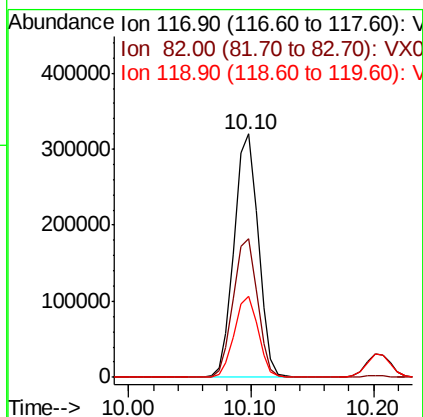
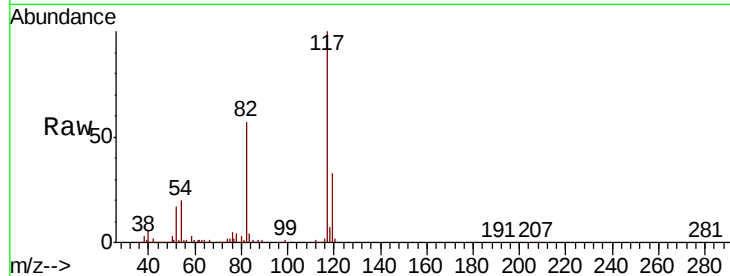




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

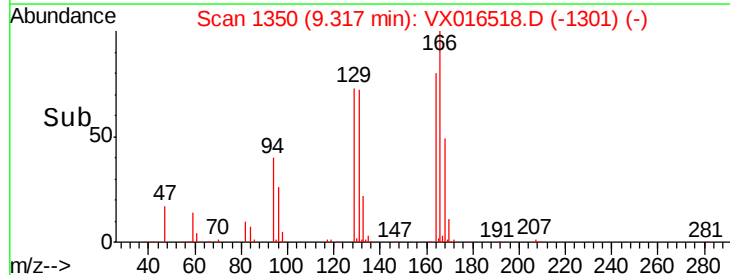
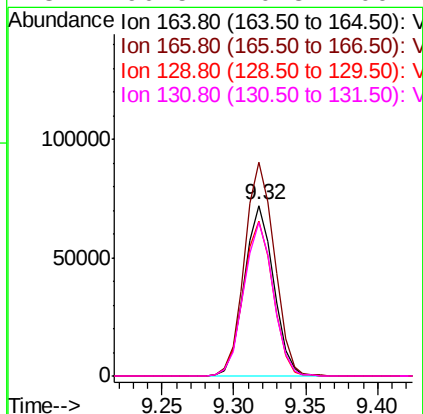
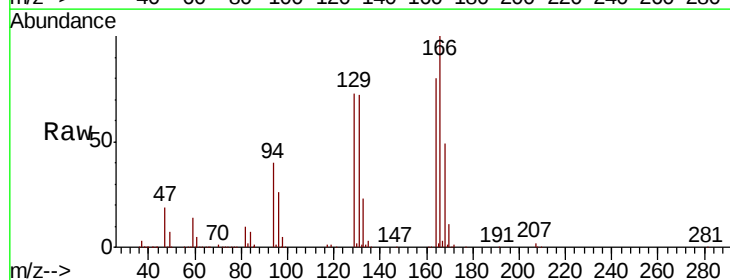
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

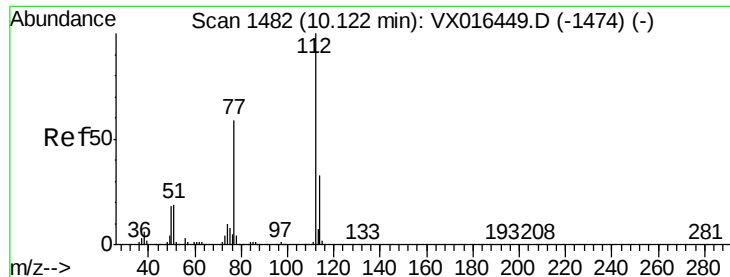
Tot Ion:117 Resp: 437259
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.6
119 33.3 25.8 38.8



#64
Tetrachloroethene
Concen: 20.729 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion:164 Resp: 101408
Ion Ratio Lower Upper
164 100
166 125.3 100.9 151.3
129 91.1 73.2 109.8
131 90.5 70.8 106.2





#65

Chlorobenzene

Concen: 19.524 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

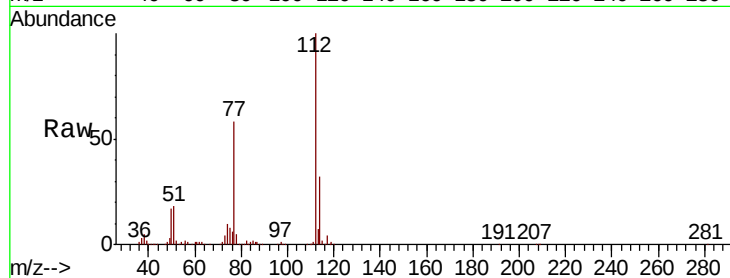
VX0601WBS01

Tot Ion:112 Resp: 174043

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

150000

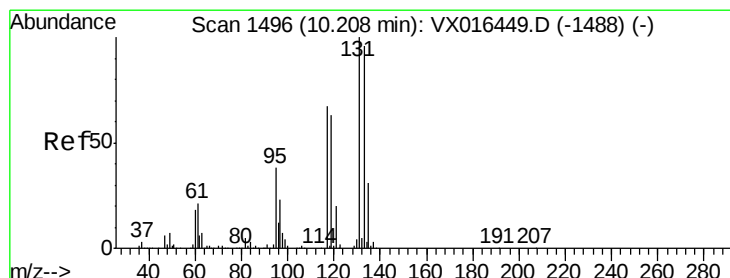
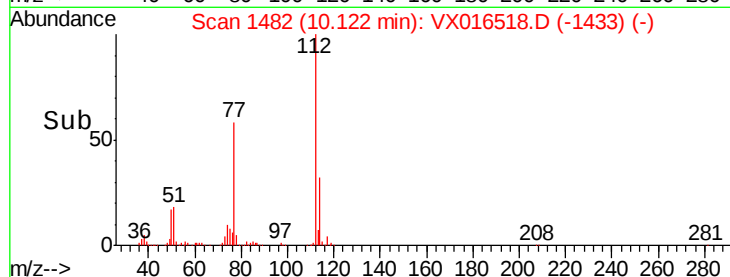
10.12

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.303 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

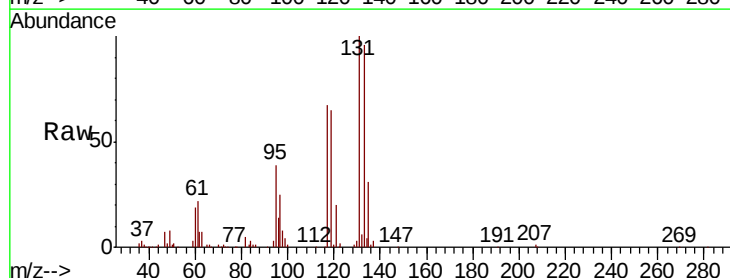
Tgt Ion:131 Resp: 65687

Ion Ratio Lower Upper

131 100

133 97.4 48.4 145.3

119 64.6 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

60000

50000

40000

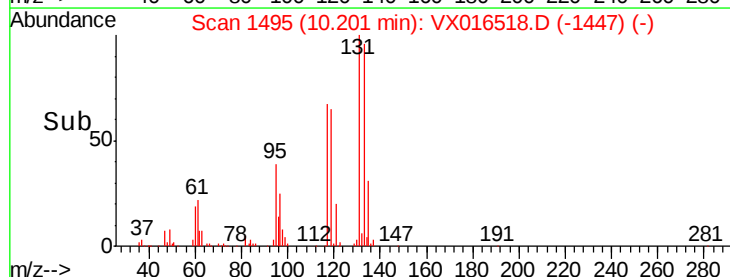
30000

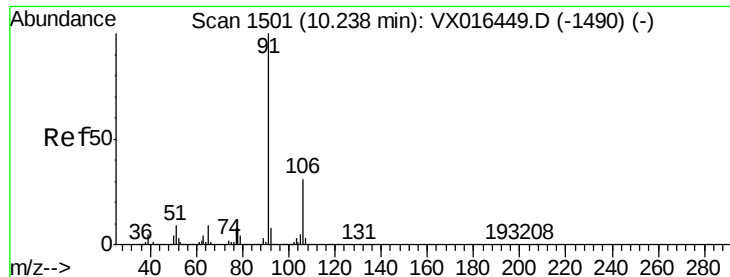
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 19.718 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

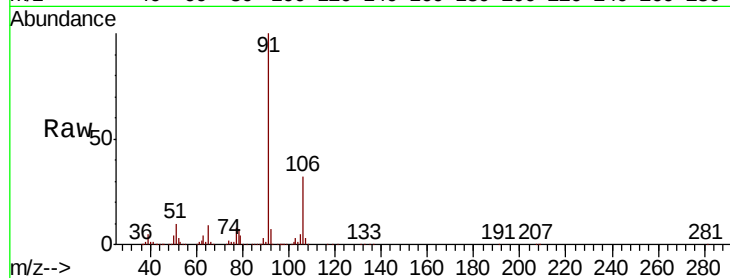
VX0601WBS01

Tot Ion: 91 Resp: 312958

Ion Ratio Lower Upper

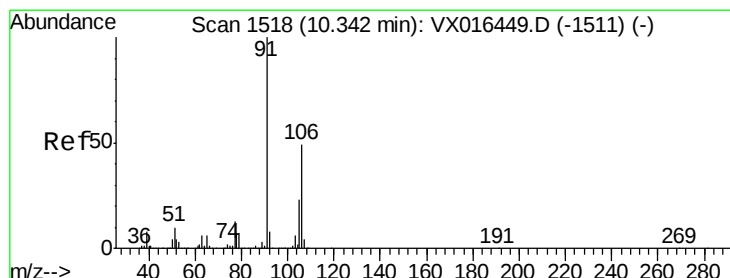
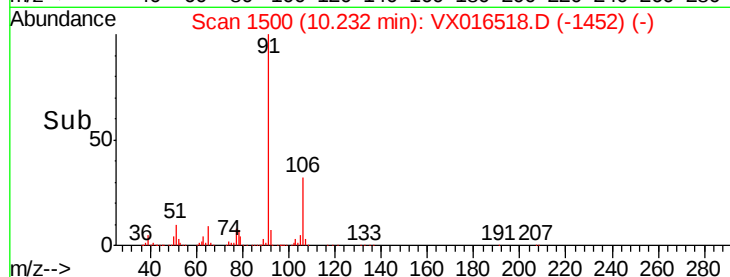
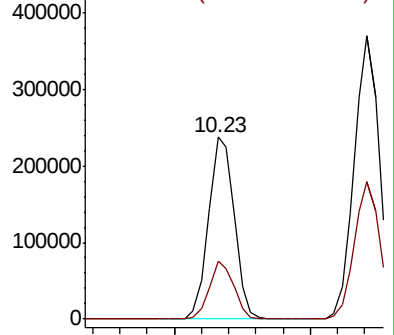
91 100

106 31.8 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: 39.992 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016518.D

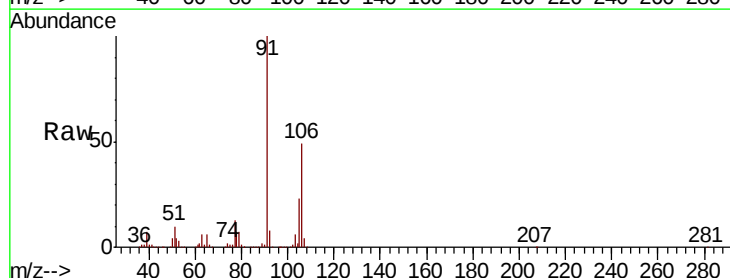
Acq: 01 Jun 2020 10:56

Tgt Ion: 106 Resp: 235340

Ion Ratio Lower Upper

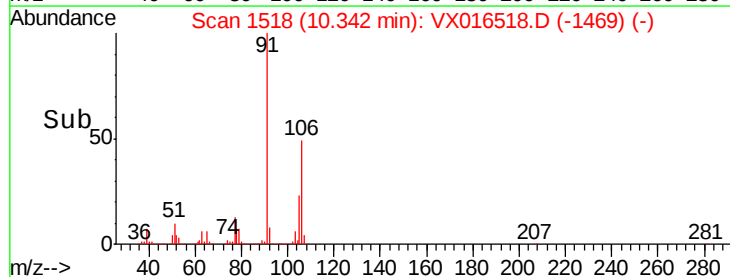
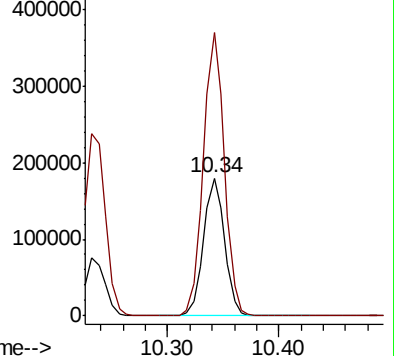
106 100

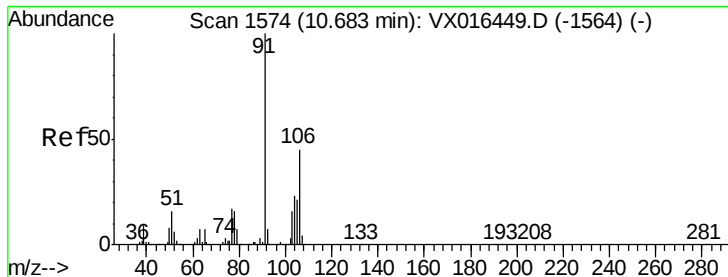
91 204.6 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

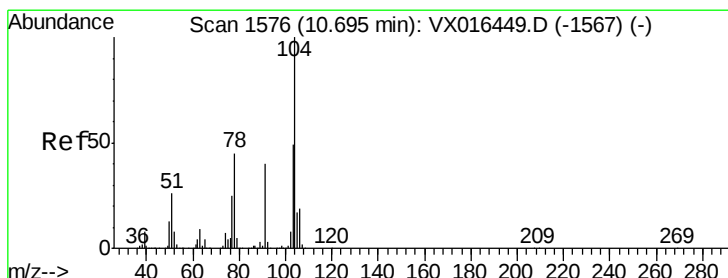
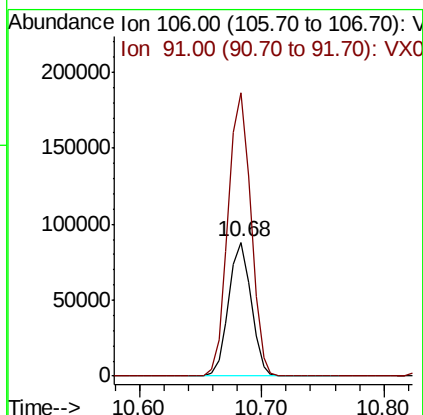
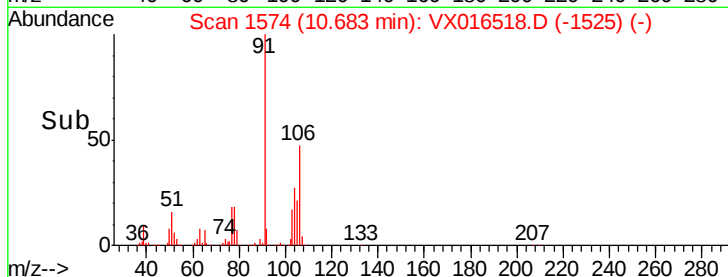
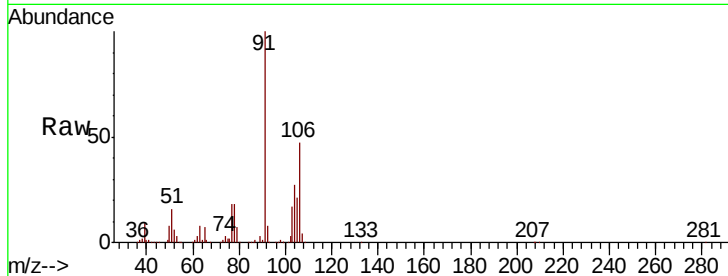




#69
o-Xylene
Concen: 19.664 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

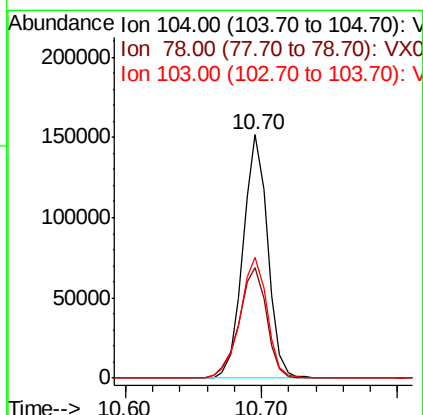
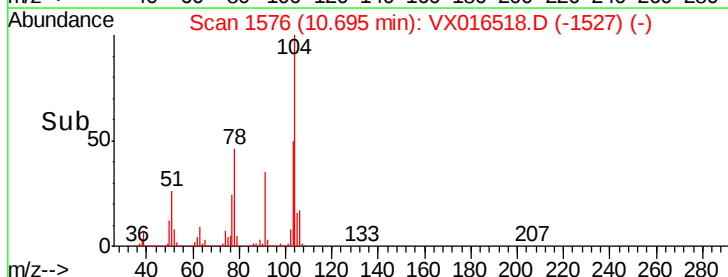
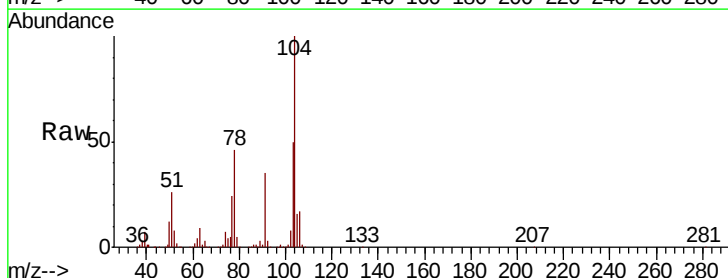
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

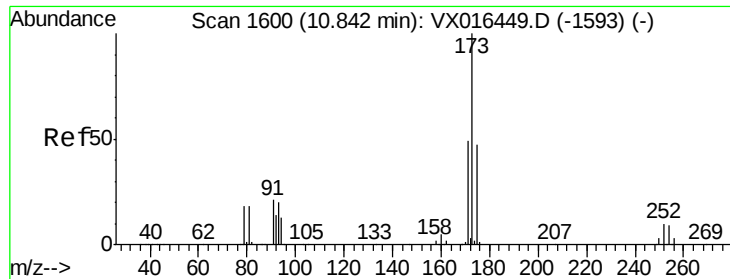
Tot Ion:106 Resp: 112067
Ion Ratio Lower Upper
106 100
91 215.3 109.6 328.8



#70
Styrene
Concen: 19.540 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion:104 Resp: 191411
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.2
103 54.4 43.1 64.7





#71

Bromoform

Concen: 19.170 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

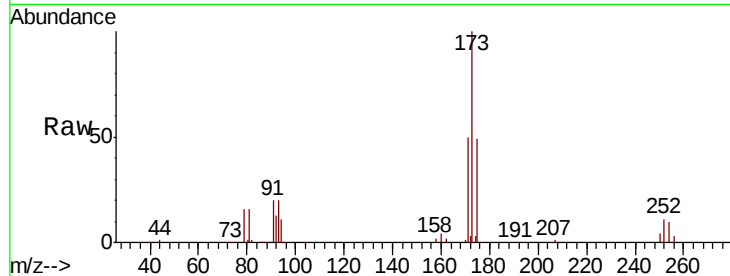
Tot Ion:173 Resp: 55130

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

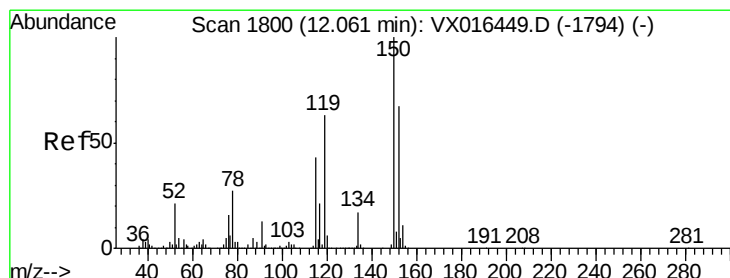
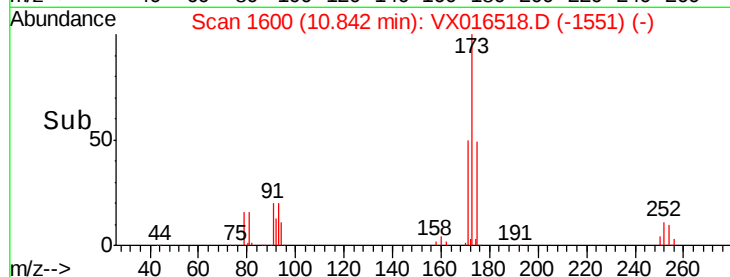
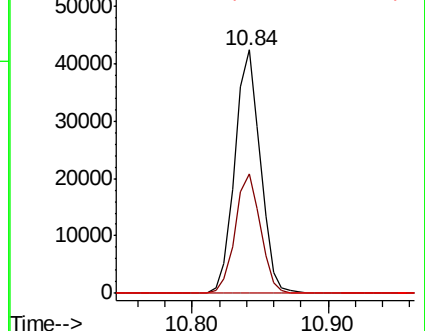
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

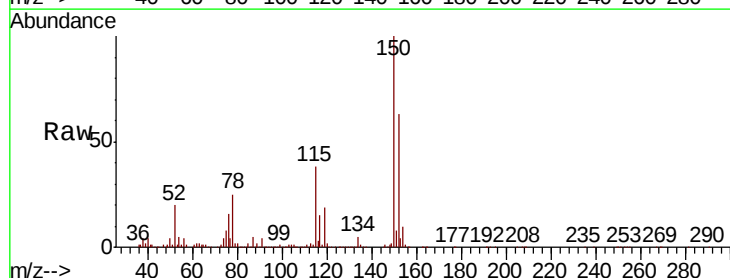
Tgt Ion:152 Resp: 217411

Ion Ratio Lower Upper

152 100

115 67.1 39.9 119.6

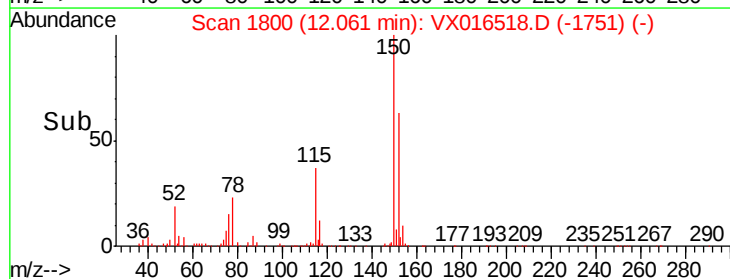
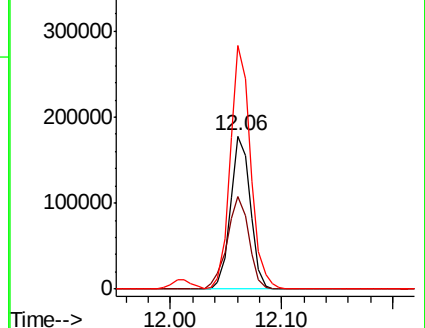
150 163.4 0.0 341.0

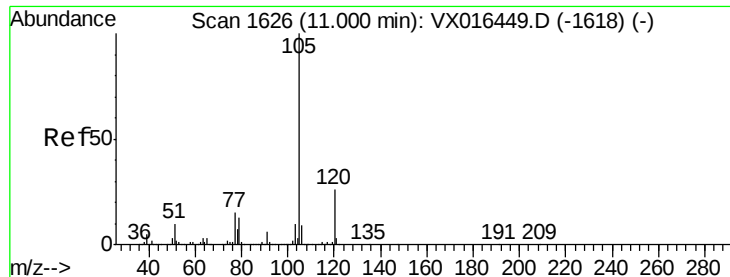


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.959 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampled :

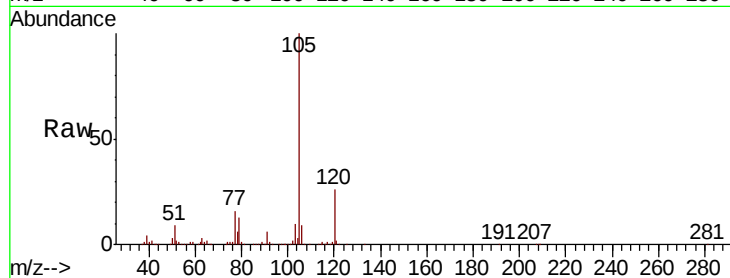
VX0601WBS01

Tot Ion: 105 Resp: 300662

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

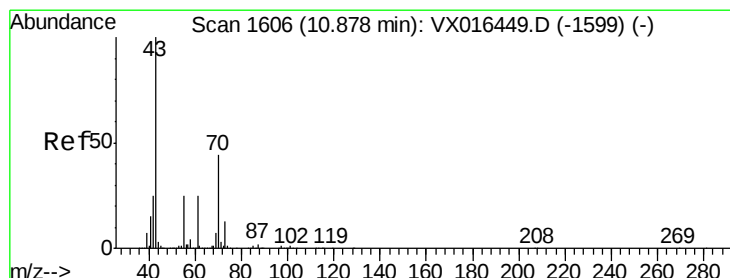
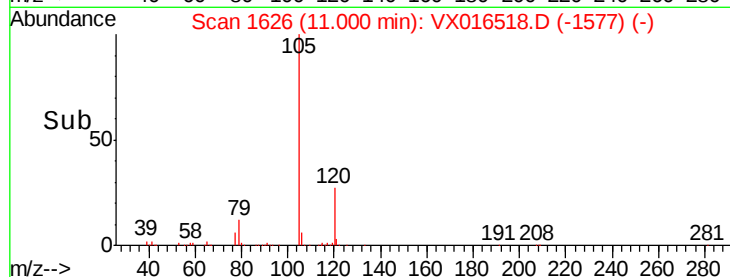
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.718 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Tgt Ion: 43 Resp: 129701

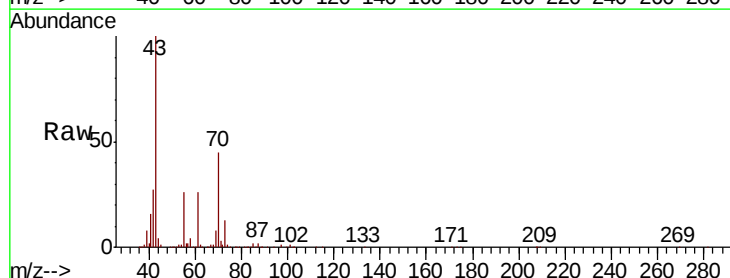
Ion Ratio Lower Upper

43 100

70 46.2 36.1 54.1

55 25.7 20.2 30.4

61 25.5 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

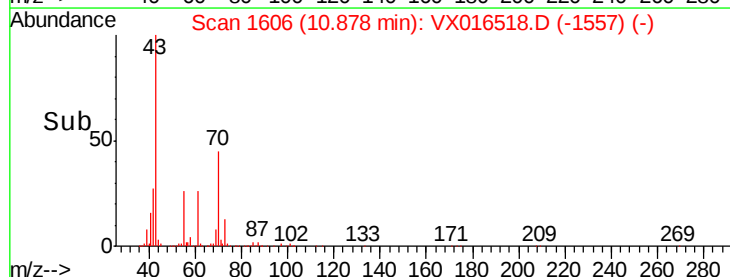
150000

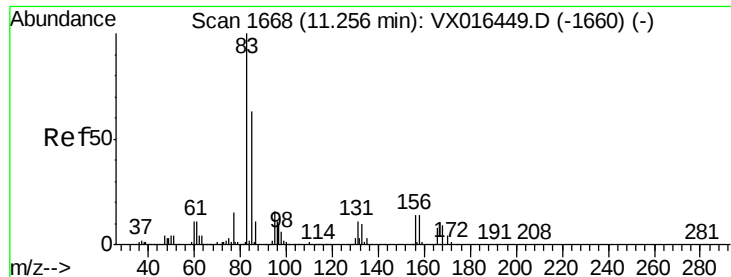
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 17.070 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

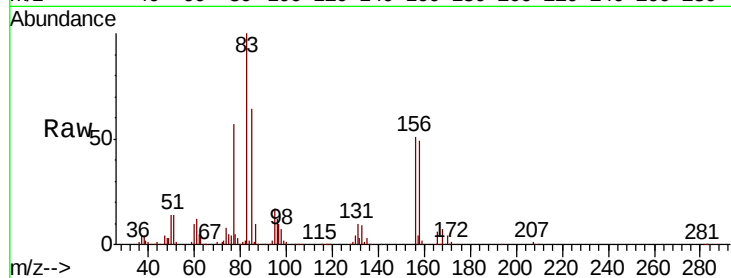
Tot Ion: 83 Resp: 64446

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

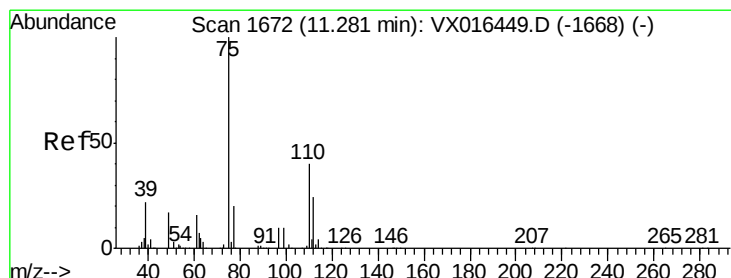
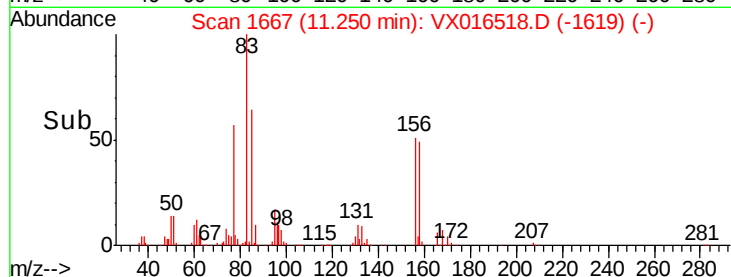
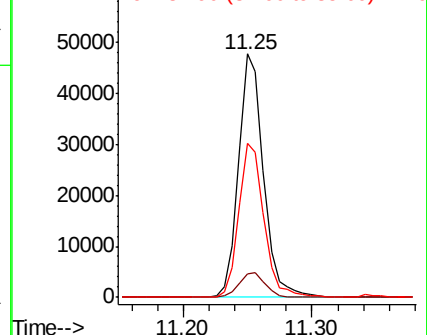
85 64.1 32.0 96.2



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: 25.312 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016518.D

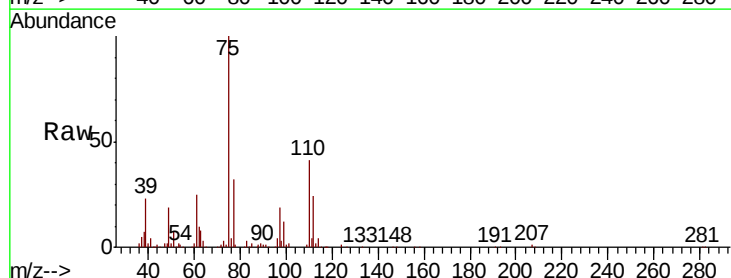
Acq: 01 Jun 2020 10:56

Tgt Ion: 75 Resp: 120961

Ion Ratio Lower Upper

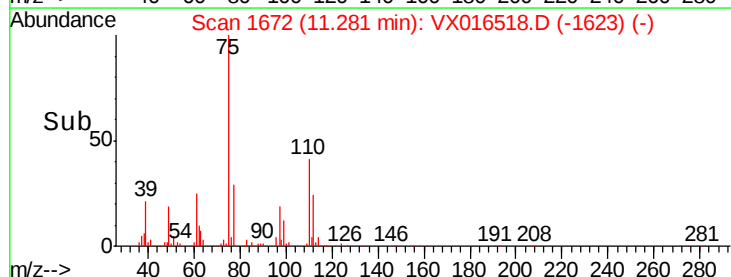
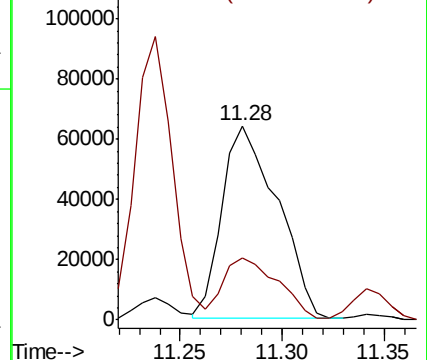
75 100

77 31.9 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.646 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

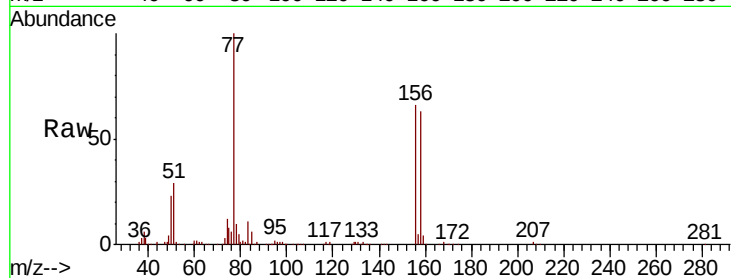
Tot Ion:156 Resp: 77623

Ion Ratio Lower Upper

156 100

77 155.5 79.6 238.8

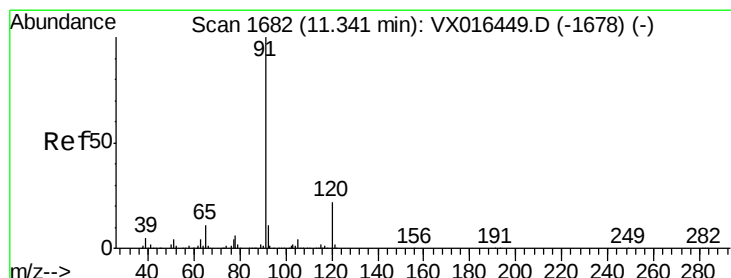
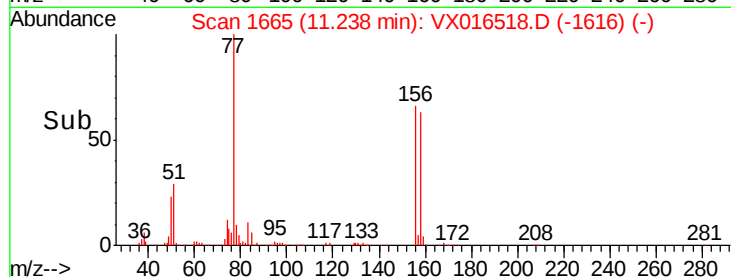
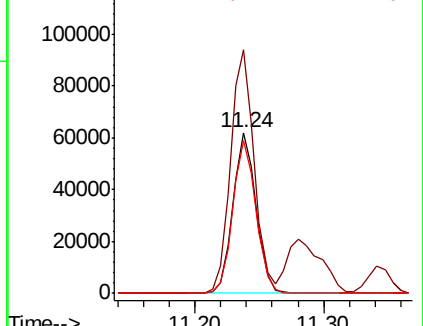
158 95.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.691 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016518.D

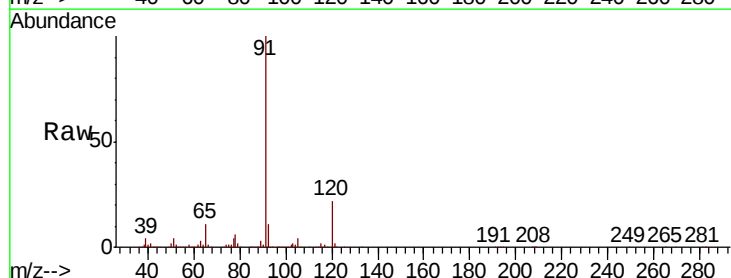
Acq: 01 Jun 2020 10:56

Tgt Ion: 91 Resp: 331400

Ion Ratio Lower Upper

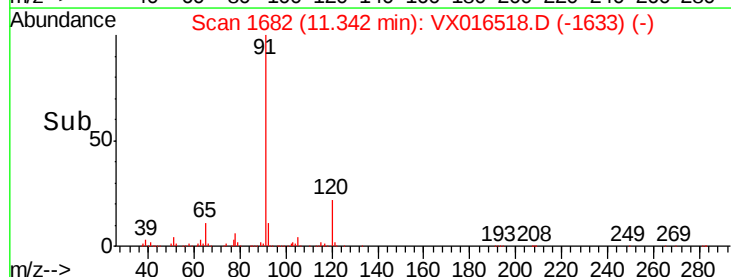
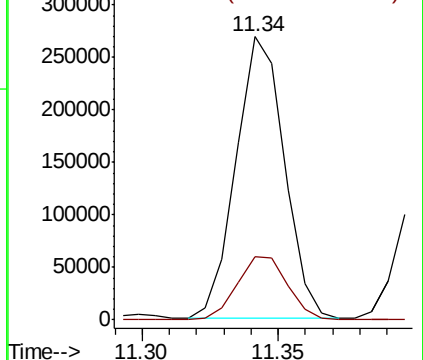
91 100

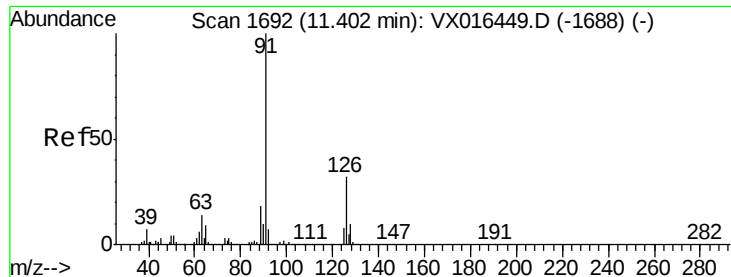
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.773 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

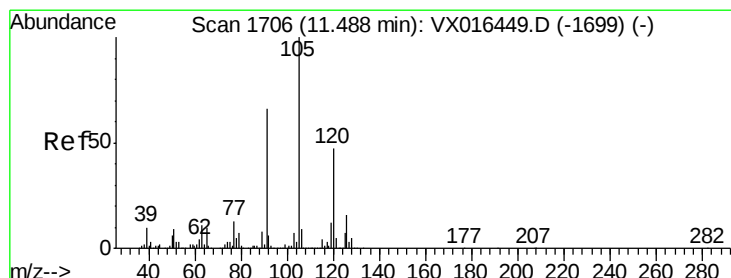
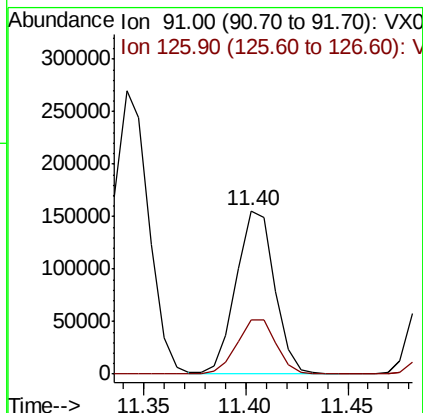
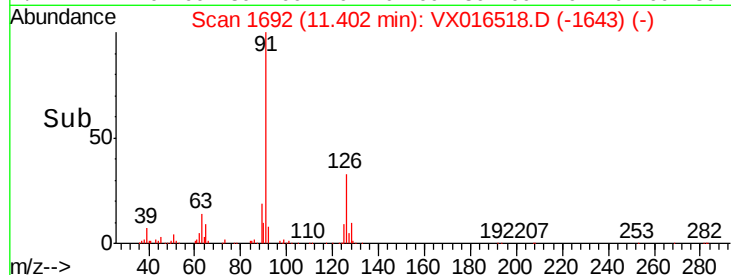
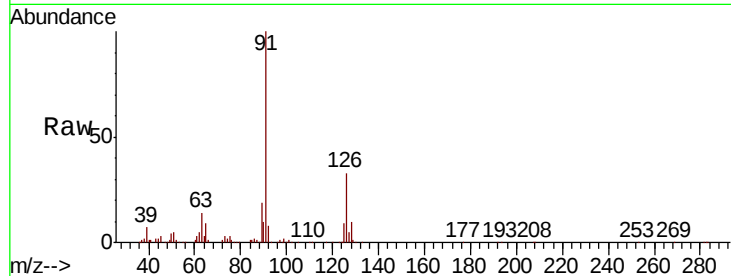
VX0601WBS01

Tot Ion: 91 Resp: 203124

Ion Ratio Lower Upper

91 100

126 34.3 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 20.035 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016518.D

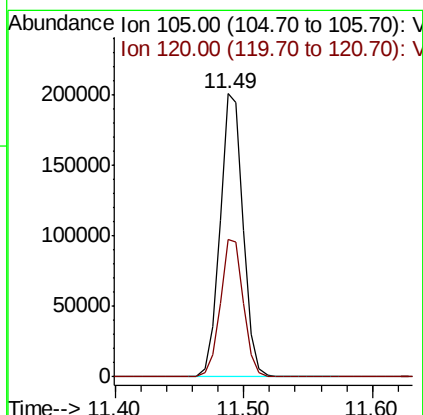
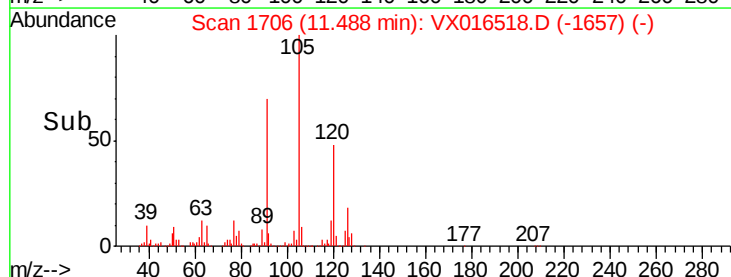
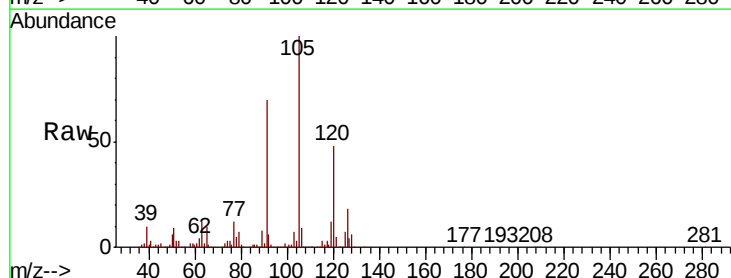
Acq: 01 Jun 2020 10:56

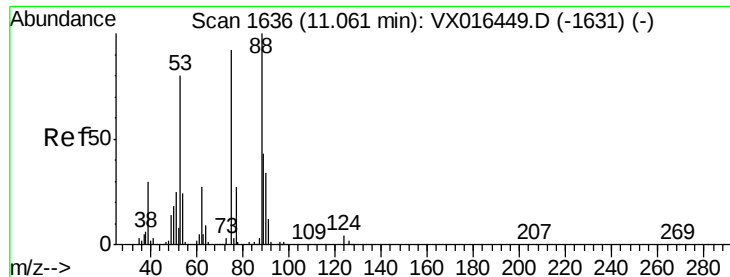
Tgt Ion: 105 Resp: 252000

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.661 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

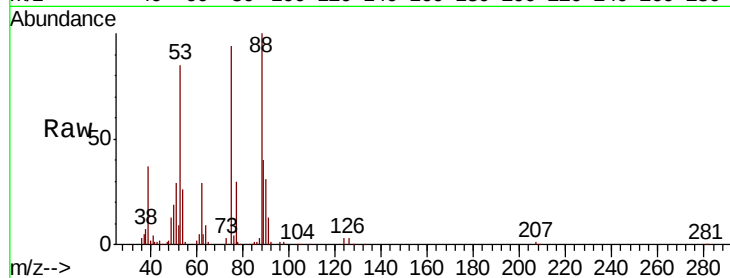
Tot Ion: 75 Resp: 36253

Ion Ratio Lower Upper

75 100

53 89.2 71.3 106.9

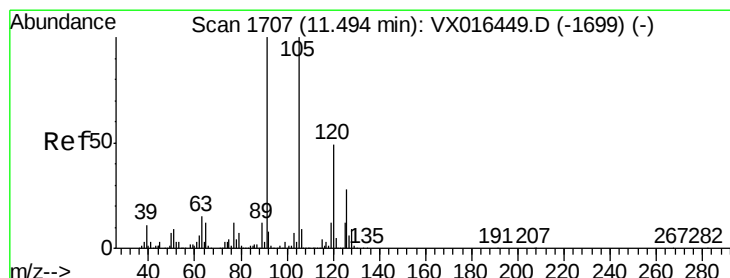
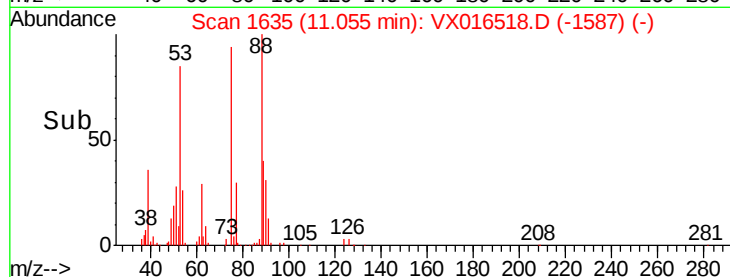
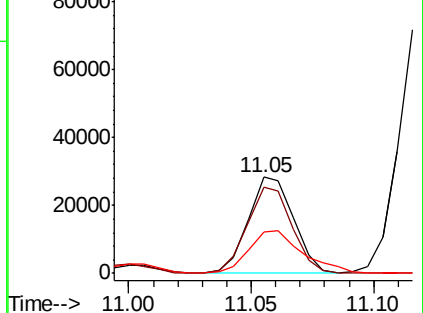
89 53.6 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.713 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016518.D

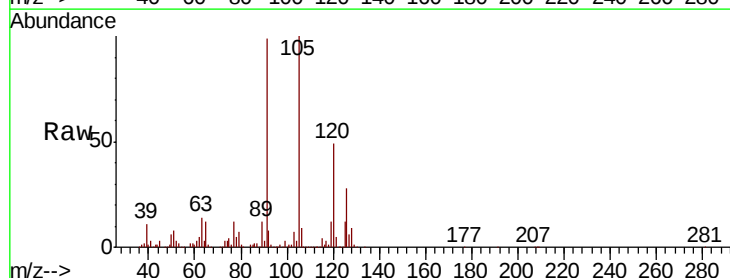
Acq: 01 Jun 2020 10:56

Tgt Ion: 91 Resp: 239138

Ion Ratio Lower Upper

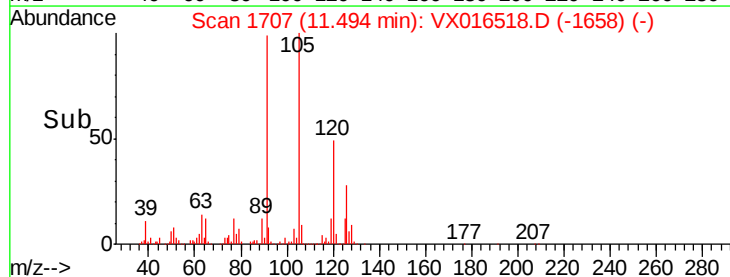
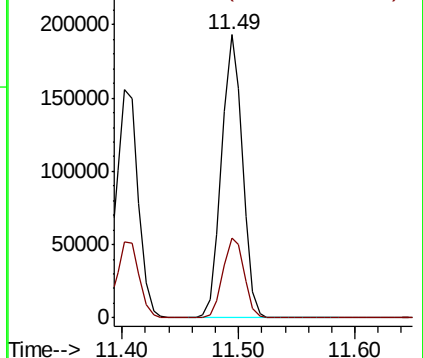
91 100

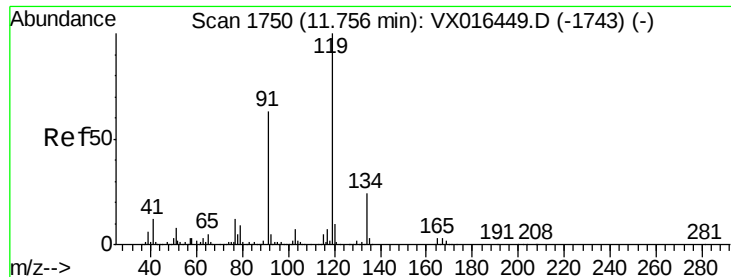
126 28.9 14.7 44.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

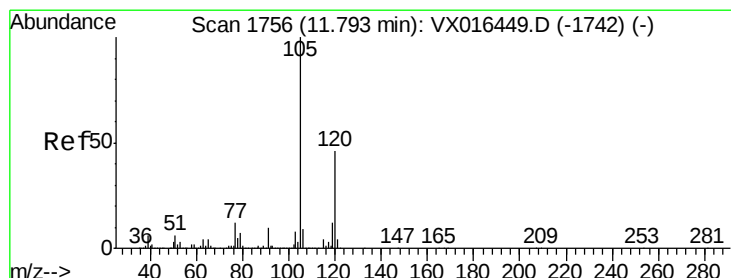
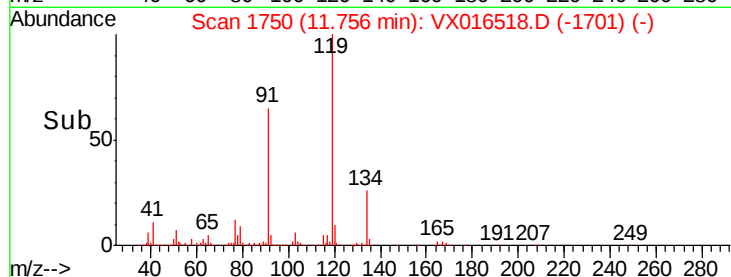
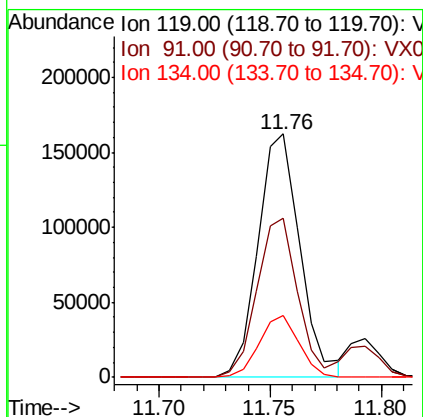
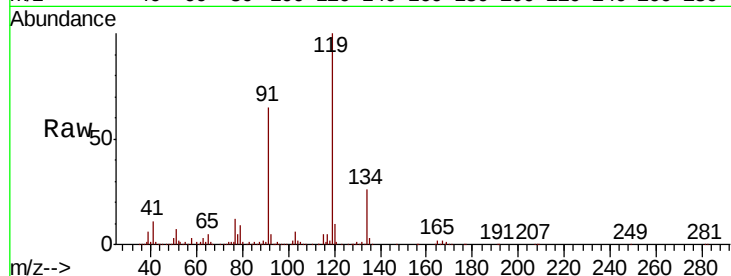




#83
tert-Butylbenzene
Concen: 19.815 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

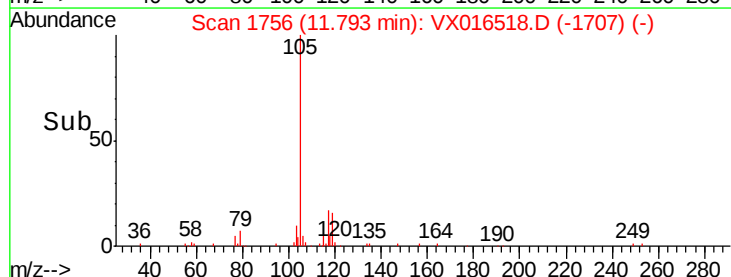
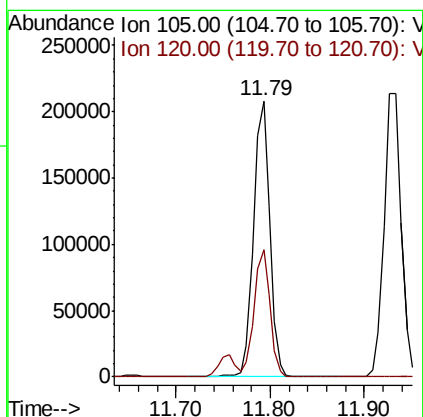
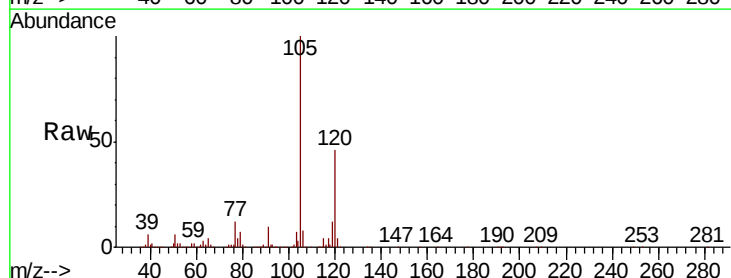
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	31.3	93.8
134	24.0	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 20.018 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 20.103 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

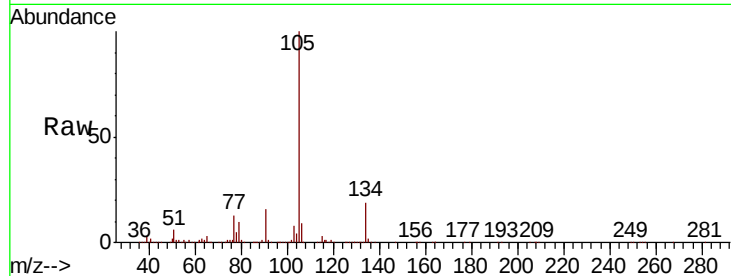
VX0601WBS01

Tot Ion:105 Resp: 271039

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

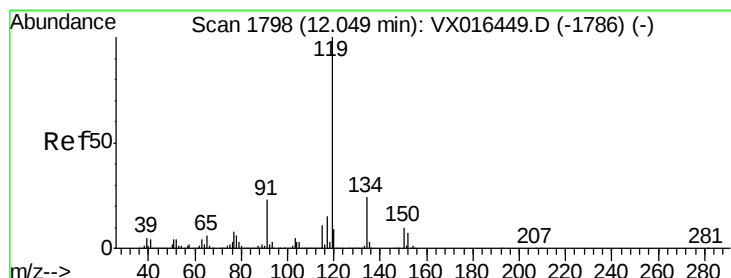
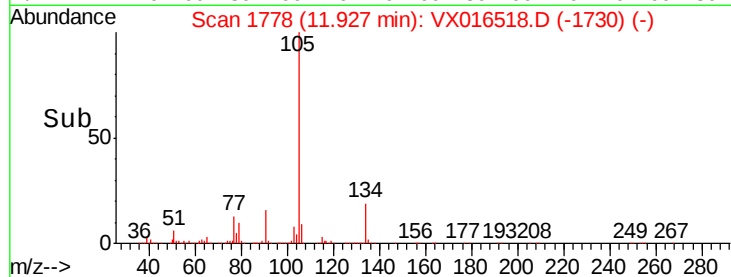
0

11.90

11.93

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.318 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

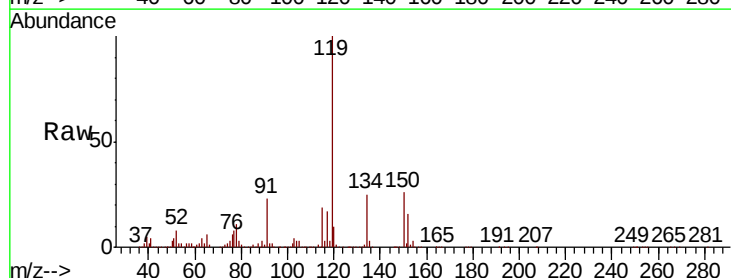
Tgt Ion:119 Resp: 256603

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 23.5 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

50000

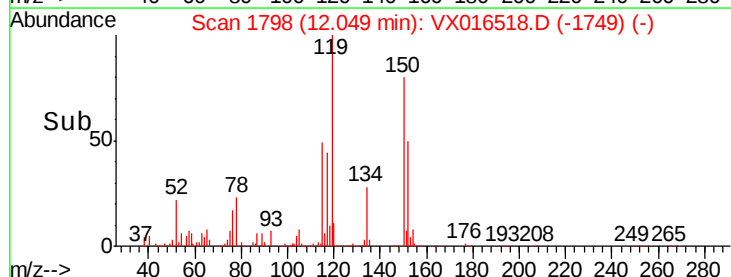
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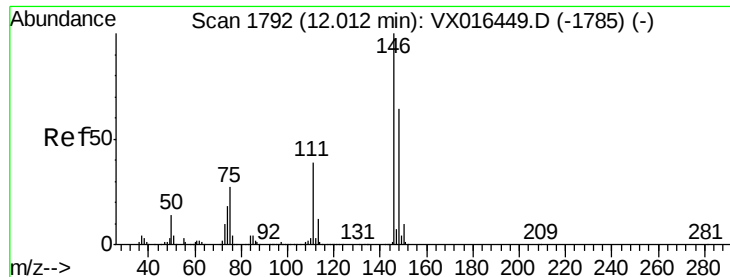
12.00

12.05

12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.638 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

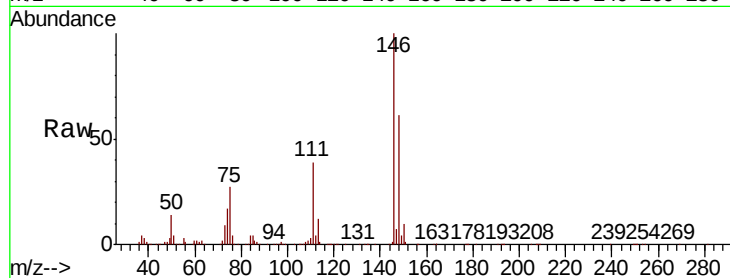
Tot Ion:146 Resp: 134426

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

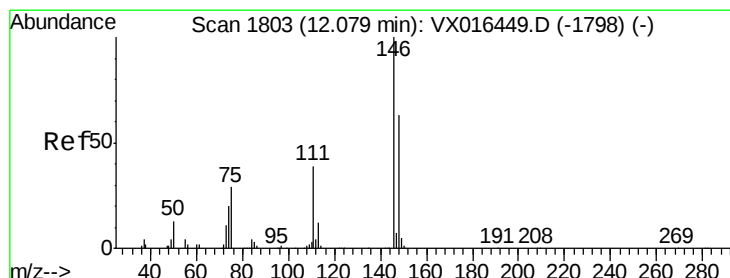
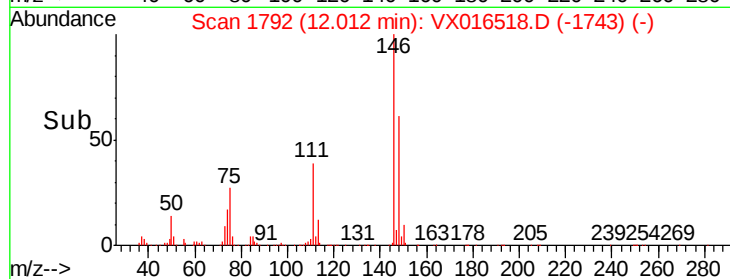
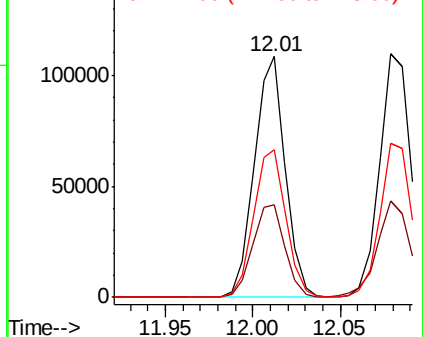
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.528 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

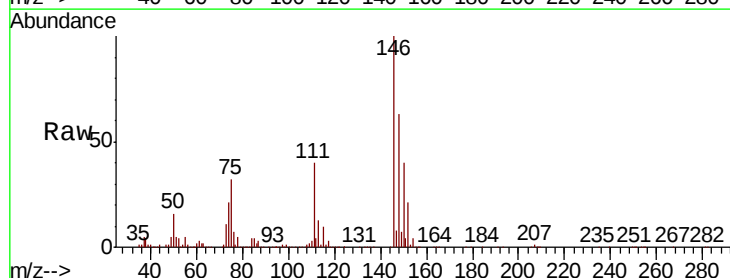
Tgt Ion:146 Resp: 136707

Ion Ratio Lower Upper

146 100

111 40.6 19.4 58.2

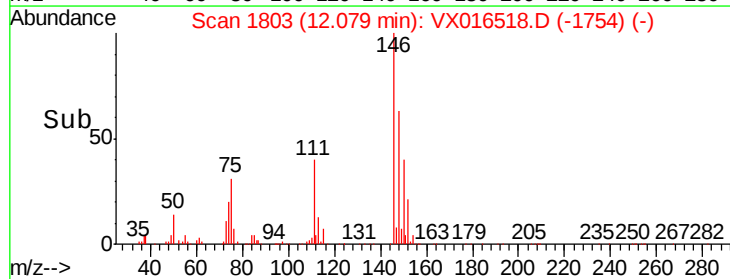
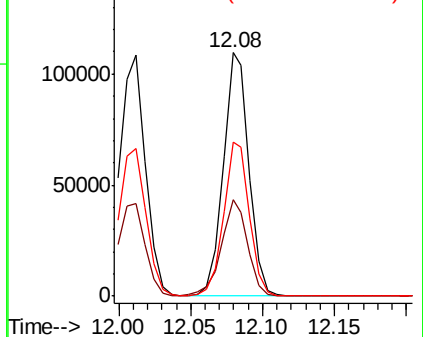
148 63.4 31.4 94.3

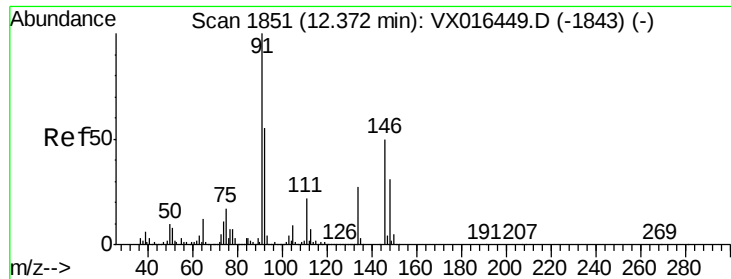


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

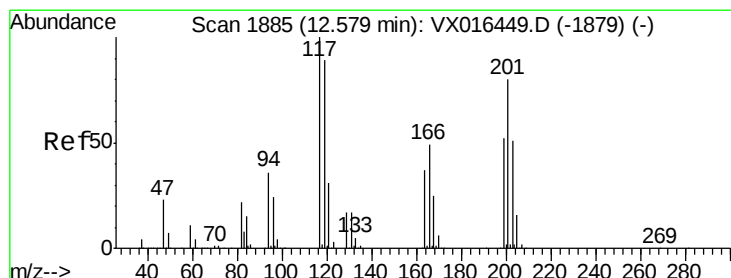
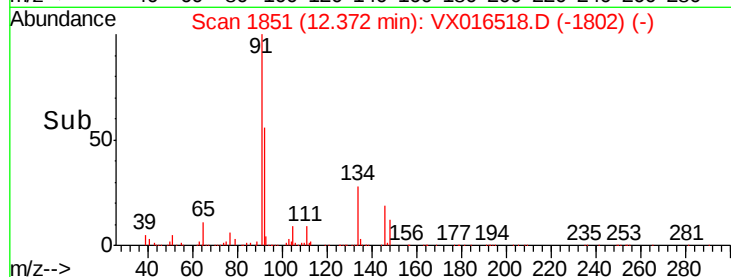
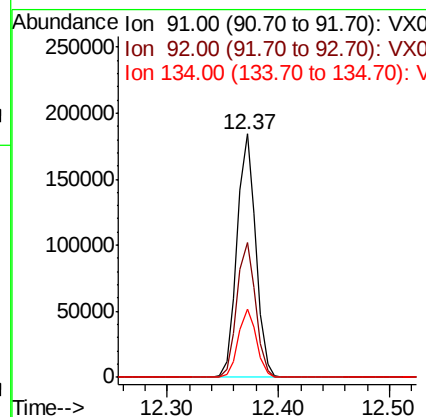
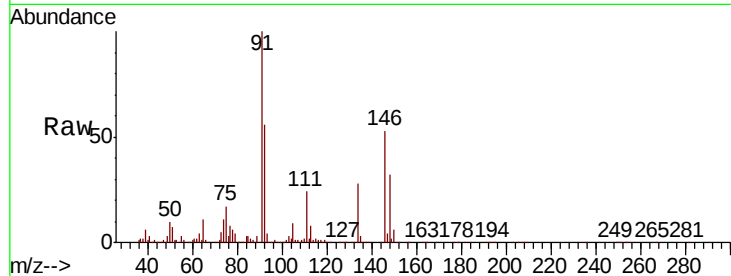




#89
n-Butylbenzene
Concen: 20.274 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

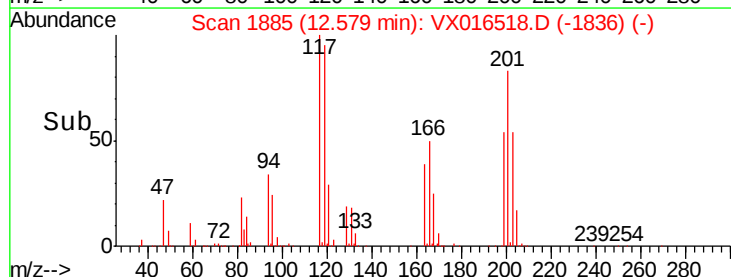
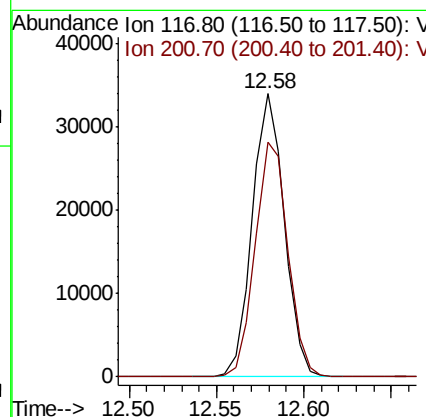
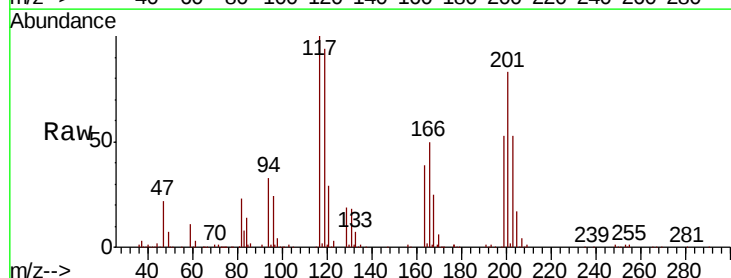
Instrument :
MSVOA_X
ClientSampleID :
VX0601WBS01

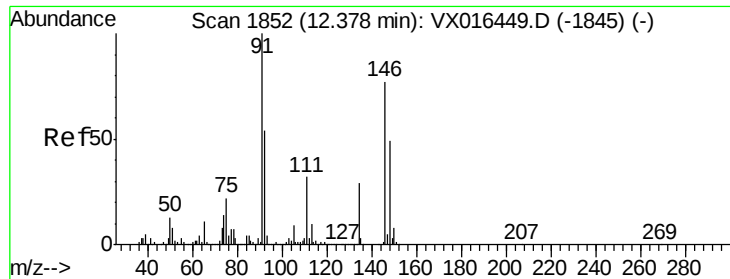
Tot Ion: 91 Resp: 213275
Ion Ratio Lower Upper
91 100
92 55.6 27.2 81.5
134 27.7 13.1 39.3



#90
Hexachloroethane
Concen: 19.766 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016518.D
Acq: 01 Jun 2020 10:56

Tgt Ion: 117 Resp: 43119
Ion Ratio Lower Upper
117 100
201 85.0 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 20.056 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

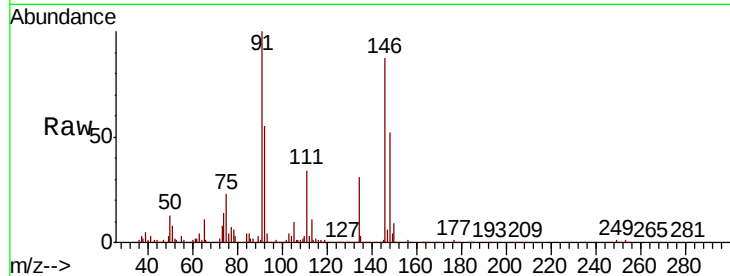
Tot Ion:146 Resp: 133009

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.3

148 61.5 31.9 95.7

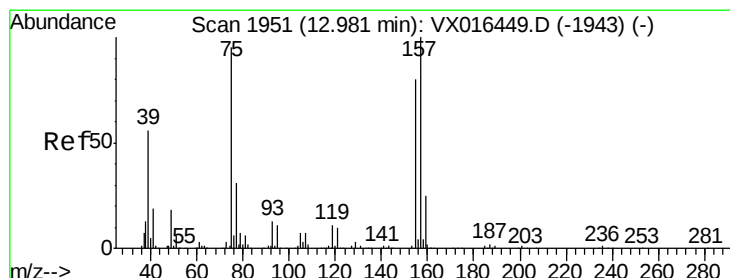
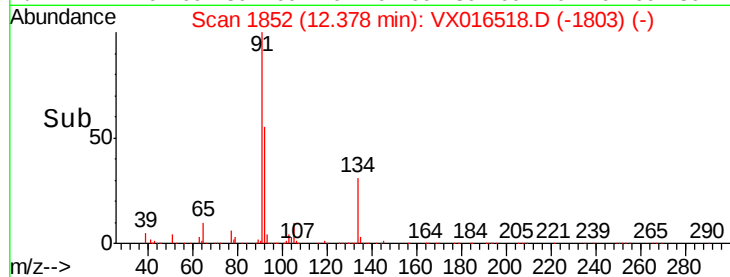
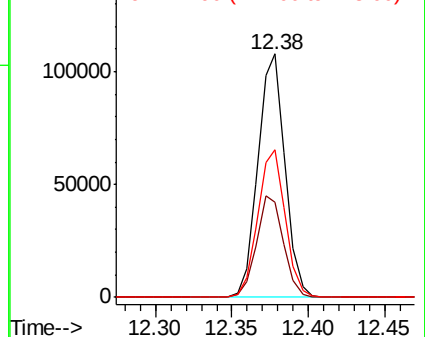


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.538 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

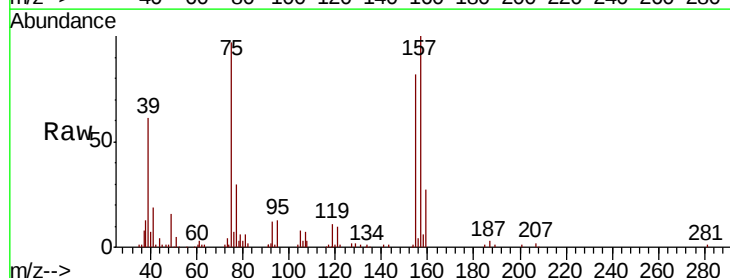
Tgt Ion: 75 Resp: 21446

Ion Ratio Lower Upper

75 100

155 90.1 44.1 132.4

157 116.2 57.8 173.3

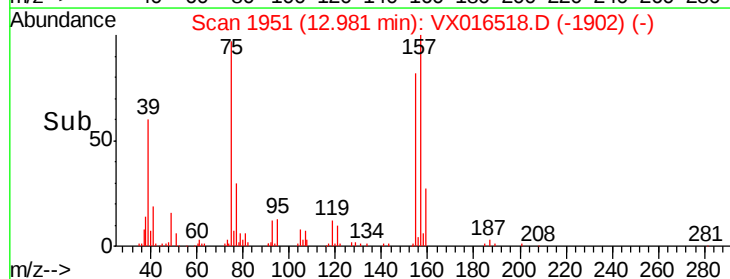
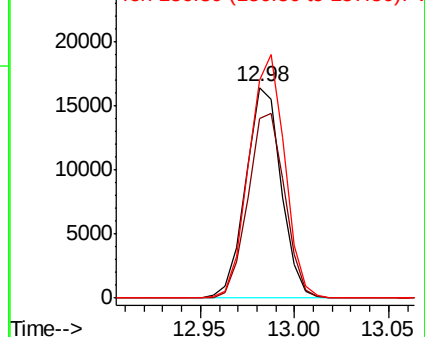


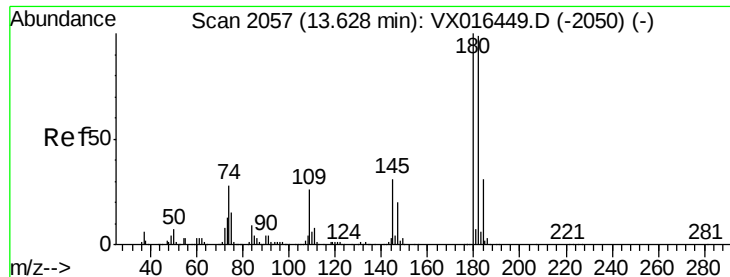
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

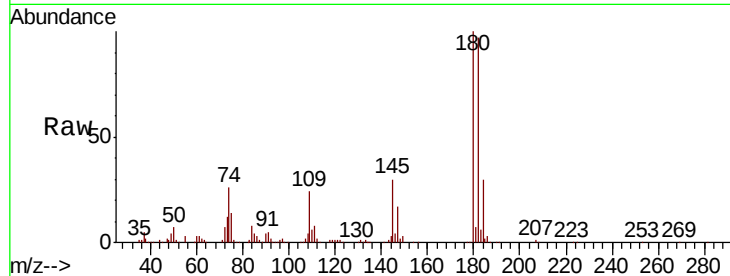




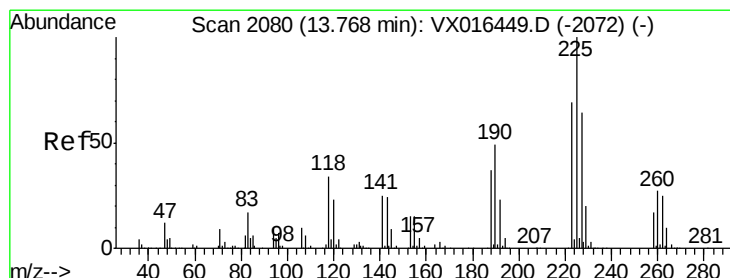
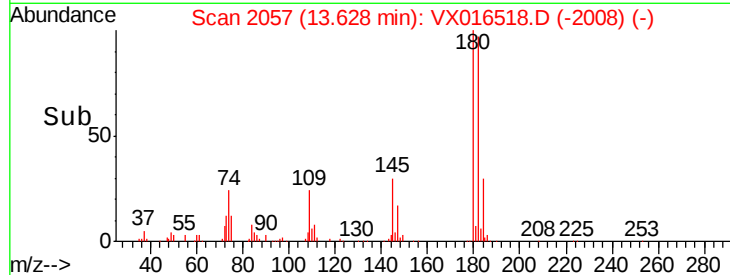
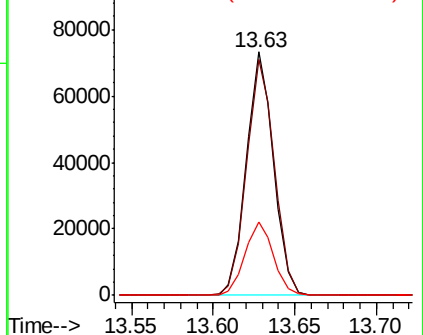
#93
 1,2,4-Trichlorobenzene
 Concen: 19.407 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tot Ion:180 Resp: 85477
 Ion Ratio Lower Upper
 180 100
 182 99.0 48.3 144.8
 145 31.6 15.4 46.2

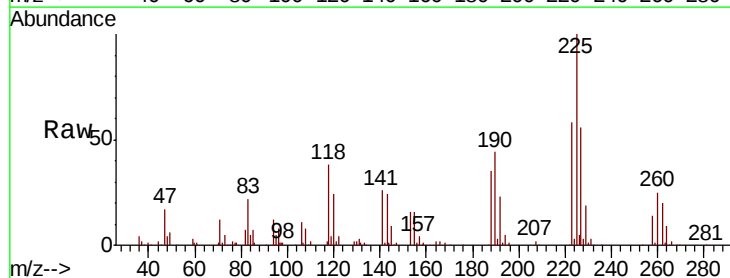


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

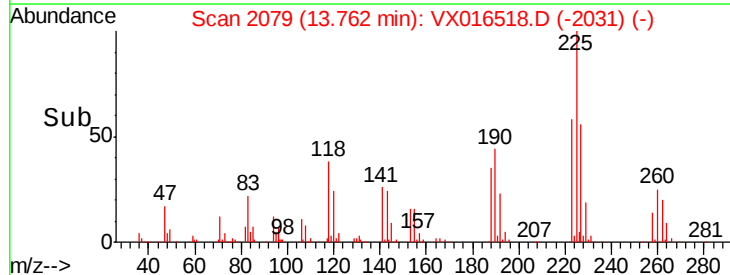
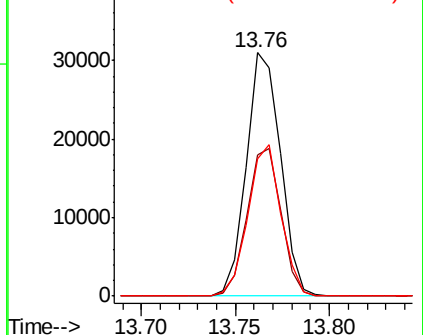


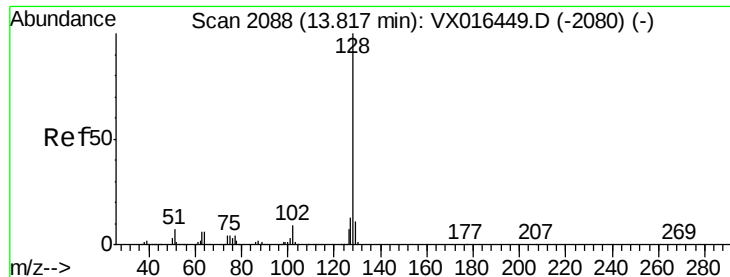
#94
 Hexachlorobutadiene
 Concen: 22.579 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016518.D
 Acq: 01 Jun 2020 10:56

Tgt Ion:225 Resp: 39046
 Ion Ratio Lower Upper
 225 100
 223 60.4 32.3 96.8
 227 60.0 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: 19.320 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

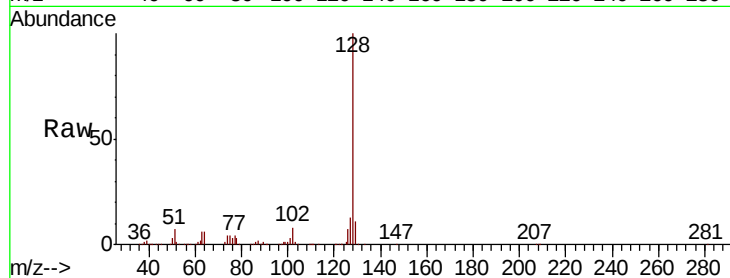
Tot Ion:128 Resp: 291711

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

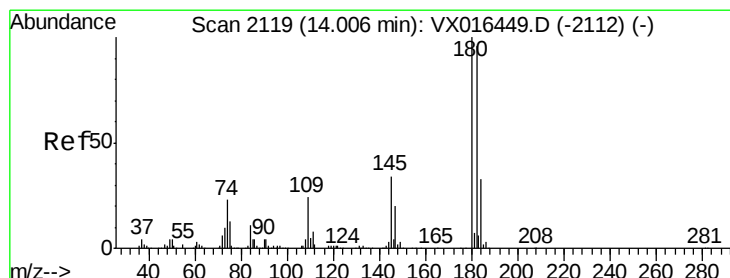
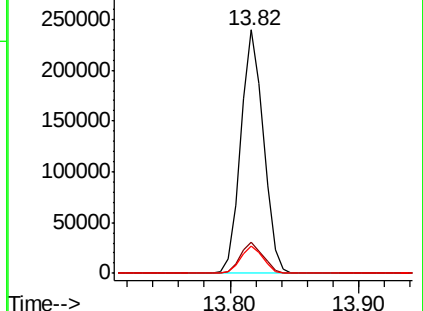
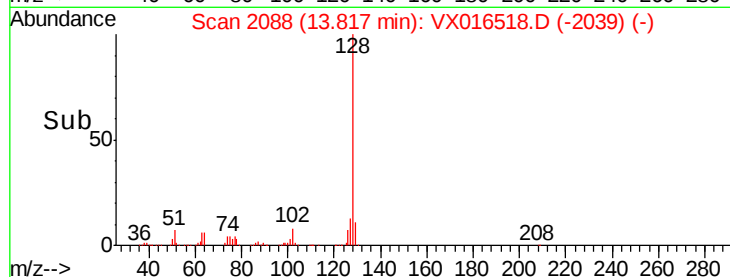
129 11.1 8.6 13.0



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: 19.918 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016518.D

Acq: 01 Jun 2020 10:56

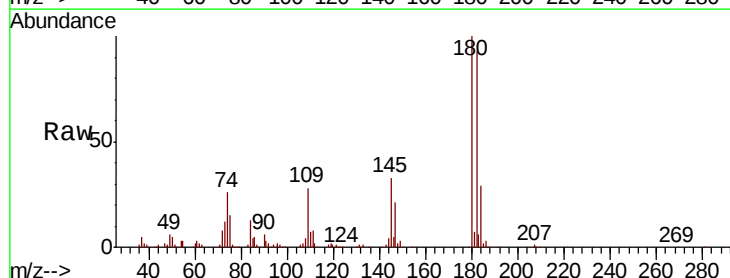
Tgt Ion:180 Resp: 85947

Ion Ratio Lower Upper

180 100

182 95.4 48.6 145.8

145 32.6 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

