

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016901.D
 Acq On : 20 Jun 2020 02:29
 Operator : JC/SP
 Sample : VX0619WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Quant Time: Jun 22 01:47:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	236050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187402	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	150552	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
35) Dibromofluoromethane	5.46	113	126273	43.70	ug/l	0.00
Spiked Amount			Recovery	=	87.40%	
50) Toluene-d8	8.70	98	452898	39.18	ug/l	0.00
Spiked Amount			Recovery	=	78.36%	
62) 4-Bromofluorobenzene	11.12	95	183711	41.48	ug/l	0.00
Spiked Amount			Recovery	=	82.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	53650	18.520	ug/l	97
3) Chloromethane	1.31	50	55595	18.927	ug/l	99
4) Vinyl Chloride	1.39	62	70387	21.261	ug/l	100
5) Bromomethane	1.63	94	44892	22.521	ug/l	99
6) Chloroethane	1.72	64	41946	20.572	ug/l	98
7) Trichlorofluoromethane	1.92	101	85975	18.564	ug/l	100
8) Diethyl Ether	2.17	74	41300	22.936	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47480	19.247	ug/l	96
10) Methyl Iodide	2.50	142	35955	15.310	ug/l	98
11) Tert butyl alcohol	3.01	59	57790	120.415	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49650	19.683	ug/l	89
13) Acrolein	2.27	56	38868	133.579	ug/l	96
14) Allyl chloride	2.71	41	69465	20.819	ug/l	97
15) Acrylonitrile	3.11	53	134138	121.967	ug/l	99
16) Acetone	2.42	43	134360	130.374	ug/l	99
17) Carbon Disulfide	2.55	76	116850	17.924	ug/l	99
18) Methyl Acetate	2.75	43	65820	25.116	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	167274	23.269	ug/l	99
20) Methylene Chloride	2.84	84	52980	21.437	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	48297	20.283	ug/l	99
22) Diisopropyl ether	3.82	45	156852	24.536	ug/l	99
23) Vinyl Acetate	3.78	43	658625	124.941	ug/l	99
24) 1,1-Dichloroethane	3.67	63	90747	22.725	ug/l	99
25) 2-Butanone	4.64	43	216666	152.760	ug/l	95
26) 2,2-Dichloropropane	4.55	77	70709	18.900	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	70773	26.444	ug/l	99
28) Bromochloromethane	4.98	49	47362	28.576	ug/l	93
29) Tetrahydrofuran	5.09	42	138889	155.485	ug/l	96
30) Chloroform	5.17	83	99769	23.665	ug/l	96
31) Cyclohexane	5.55	56	67250	19.156	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	79621	19.954	ug/l	99
36) 1,1-Dichloropropene	5.77	75	61171	14.667	ug/l	100
37) Ethyl Acetate	4.79	43	85154	23.109	ug/l	99
38) Carbon Tetrachloride	5.76	117	66616	14.235	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	68689	14.165	ug/l	97
40) Benzene	6.11	78	201161	16.075	ug/l	100
41) Methacrylonitrile	5.00	41	44683	22.336	ug/l	97
42) 1,2-Dichloroethane	6.17	62	73488	16.503	ug/l	100
43) Isopropyl Acetate	6.41	43	113865	17.695	ug/l	99
44) Trichloroethene	7.19	130	66647	17.390	ug/l	98
45) 1,2-Dichloropropane	7.49	63	55801	17.738	ug/l	99
46) Dibromomethane	7.64	93	36500	17.109	ug/l	99
47) Bromodichloromethane	7.87	83	74115	16.334	ug/l	99
48) Methyl methacrylate	7.74	41	53363	17.611	ug/l	99
49) 1,4-Dioxane	7.71	88	25437	375.010	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	343351	88.713	ug/l	100
52) Toluene	8.76	92	129722	15.626	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	81876	16.414	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	86741	16.254	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55967	17.856	ug/l	99
56) Ethyl methacrylate	9.16	69	80957	17.842	ug/l	99
57) 1,3-Dichloropropane	9.35	76	92211	17.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	192910	91.368	ug/l	98
59) 2-Hexanone	9.47	43	254916	90.951	ug/l	99
60) Dibromochloromethane	9.56	129	71848	19.108	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68138	20.032	ug/l	100
64) Tetrachloroethene	9.32	164	61747	15.501	ug/l	98
65) Chlorobenzene	10.12	112	161929	18.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	64261	19.034	ug/l	99
67) Ethyl Benzene	10.23	91	274941	18.707	ug/l	99
68) m/p-Xylenes	10.34	106	205089	35.859	ug/l	99
69) o-Xylene	10.68	106	95227	18.007	ug/l	99
70) Styrene	10.70	104	170045	18.924	ug/l	99
71) Bromoform	10.84	173	50807	17.900	ug/l #	99
73) Isopropylbenzene	11.00	105	235563	19.523	ug/l	100
74) N-amyl acetate	10.88	43	101988	24.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	74211	21.781	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	94565	27.630	ug/l	86
77) Bromobenzene	11.24	156	65255	19.830	ug/l	96
78) n-propylbenzene	11.34	91	253999	18.862	ug/l	99
79) 2-Chlorotoluene	11.40	91	161629	19.618	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	198055	19.025	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26437	18.916	ug/l	97
82) 4-Chlorotoluene	11.49	91	191920	19.417	ug/l	100
83) tert-Butylbenzene	11.76	119	181017	17.574	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	200255	18.674	ug/l	99
85) sec-Butylbenzene	11.93	105	206818	17.288	ug/l	99
86) p-Isopropyltoluene	12.05	119	197473	18.016	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113387	18.860	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	113814	18.719	ug/l	97
89) n-Butylbenzene	12.37	91	155006	16.492	ug/l	100
90) Hexachloroethane	12.58	117	34889	17.671	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	111344	19.185	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17140	21.217	ug/l	97

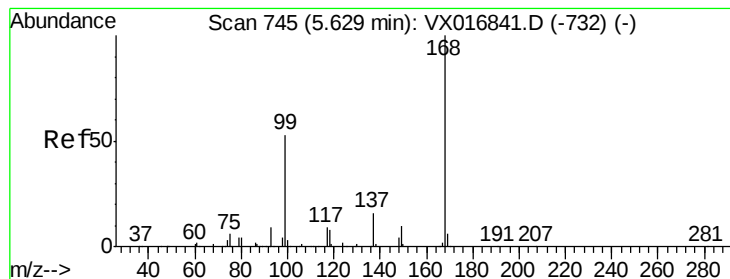
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84275	21.624	ug/l	98
94) Hexachlorobutadiene	13.77	225	28020	15.933	ug/l	97
95) Naphthalene	13.82	128	260621	22.778	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	76666	19.726	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

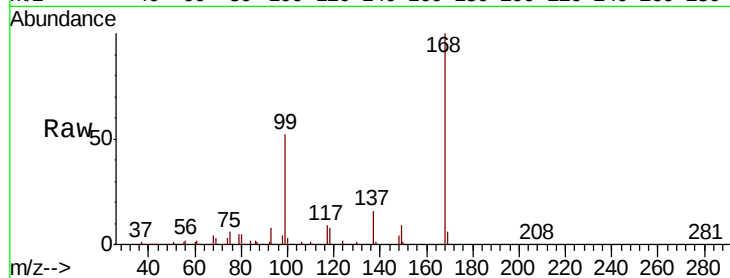
VX0619WBS02

Tot Ion:168 Resp: 236050

Ion Ratio Lower Upper

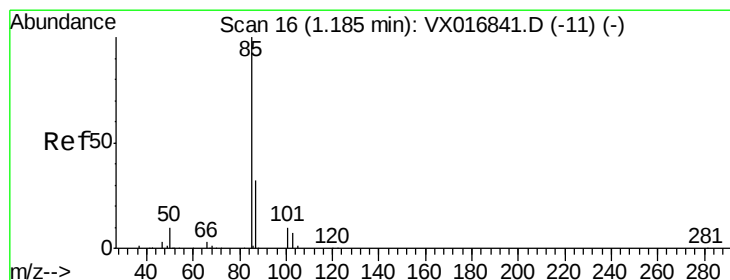
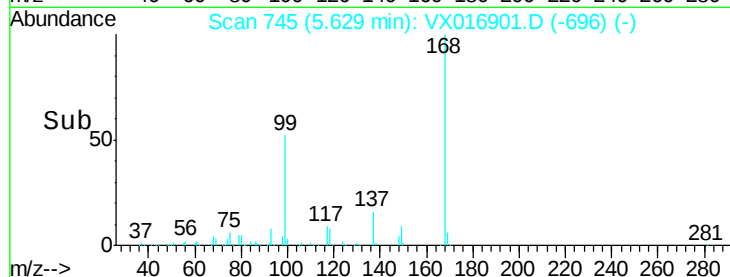
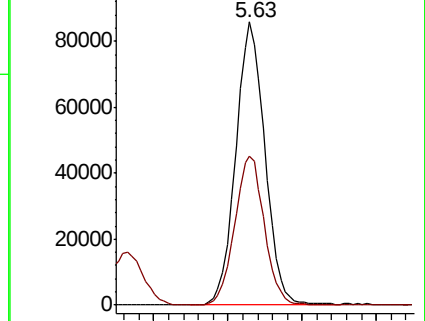
168 100

99 52.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.520 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016901.D

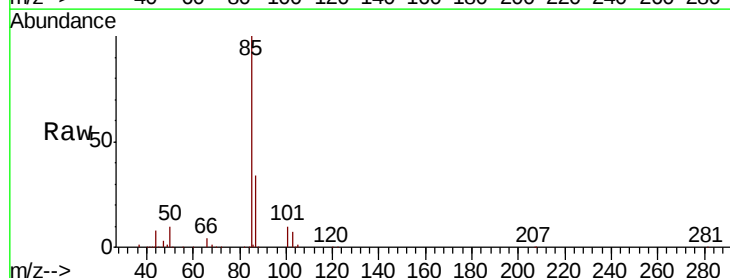
Acq: 20 Jun 2020 02:29

Tgt Ion: 85 Resp: 53650

Ion Ratio Lower Upper

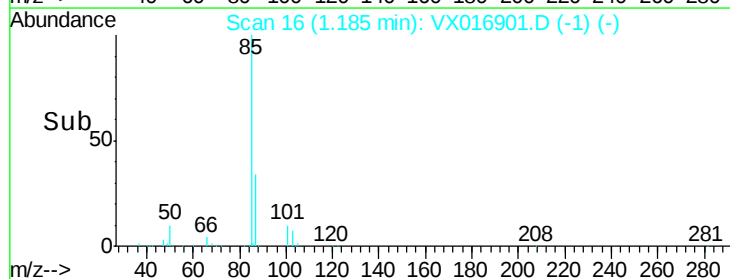
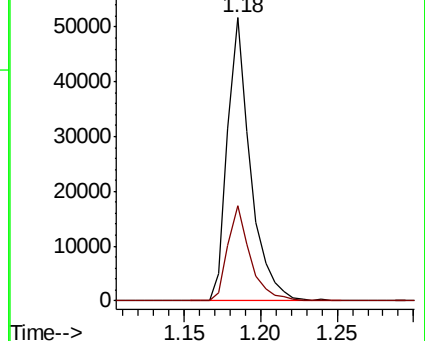
85 100

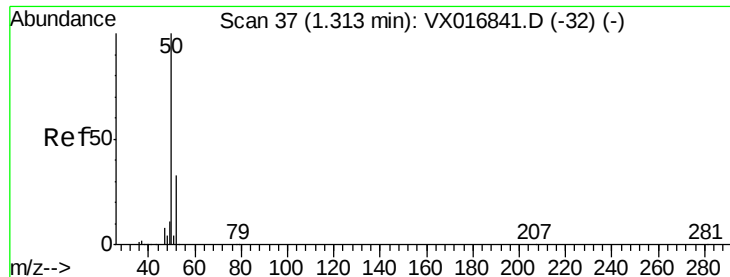
87 33.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.927 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

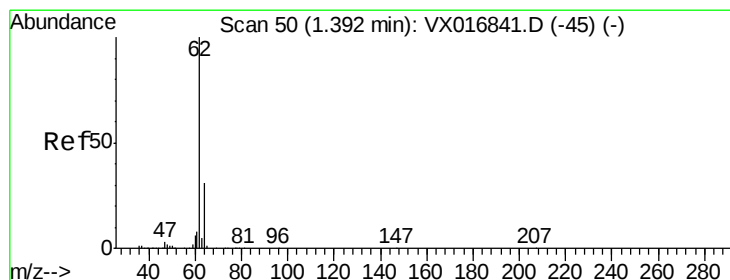
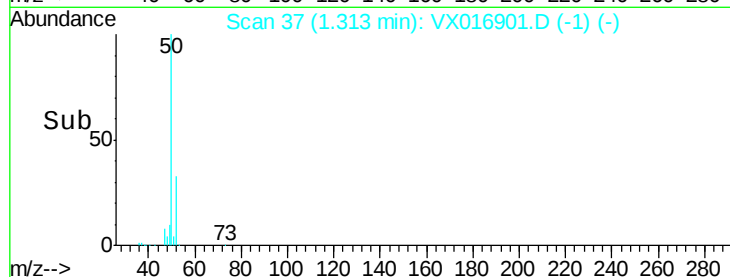
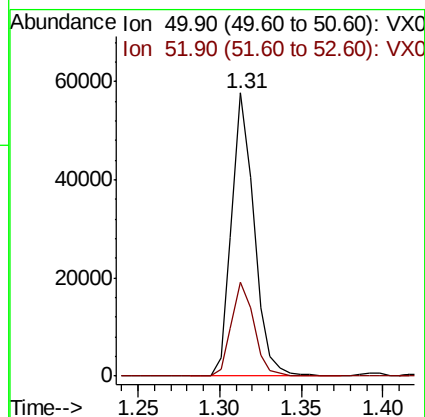
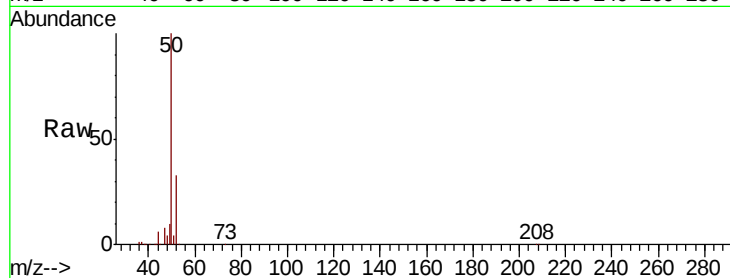
VX0619WBS02

Tot Ion: 50 Resp: 55595

Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



#4

Vinyl Chloride

Concen: 21.261 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016901.D

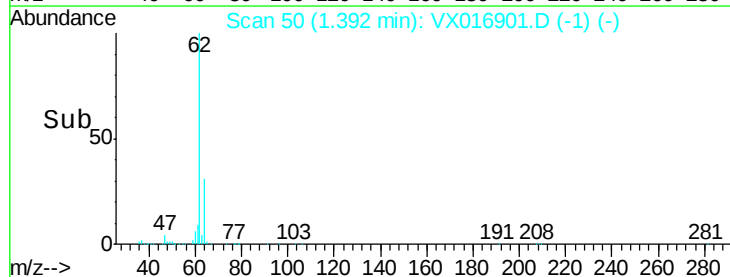
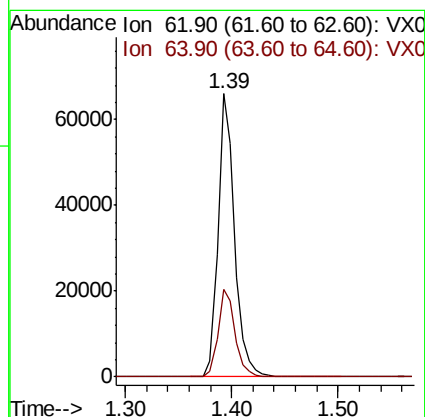
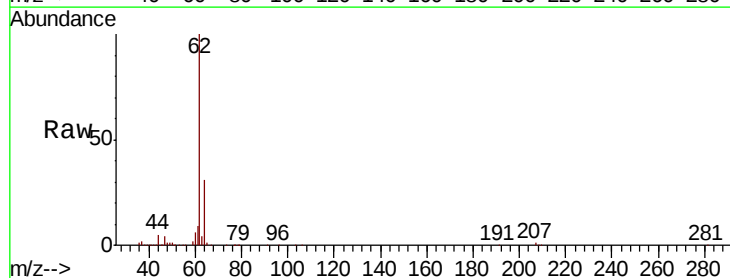
Acq: 20 Jun 2020 02:29

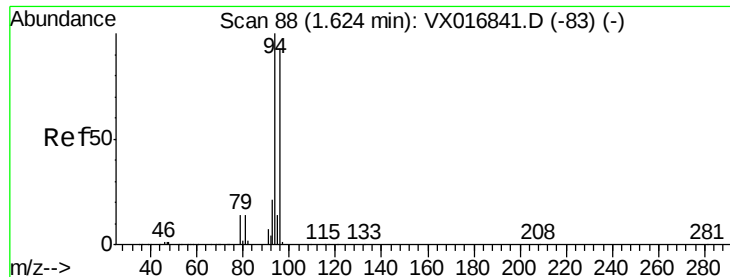
Tgt Ion: 62 Resp: 70387

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4





#5

Bromomethane

Concen: 22.521 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

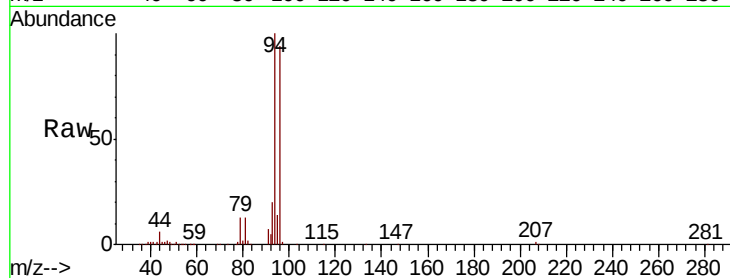
VX0619WBS02

Tot Ion: 94 Resp: 44892

Ion Ratio Lower Upper

94 100

96 93.8 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

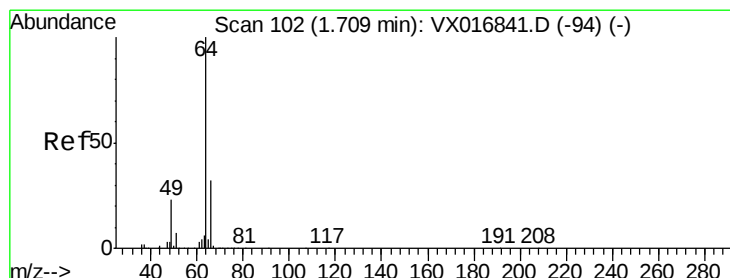
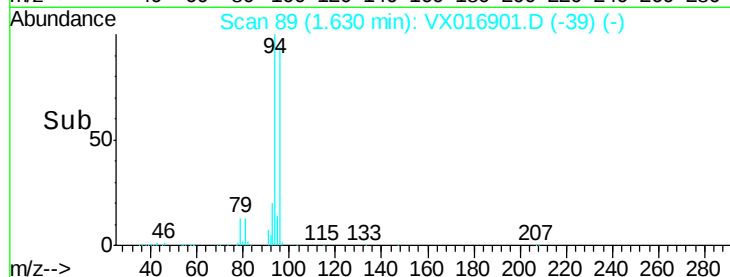
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.572 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016901.D

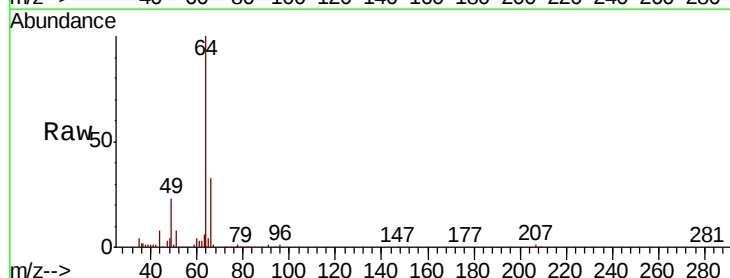
Acq: 20 Jun 2020 02:29

Tgt Ion: 64 Resp: 41946

Ion Ratio Lower Upper

64 100

66 33.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

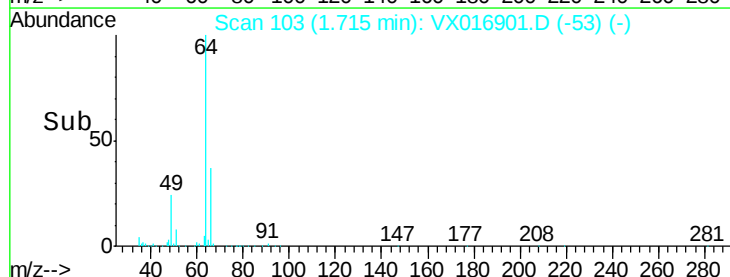
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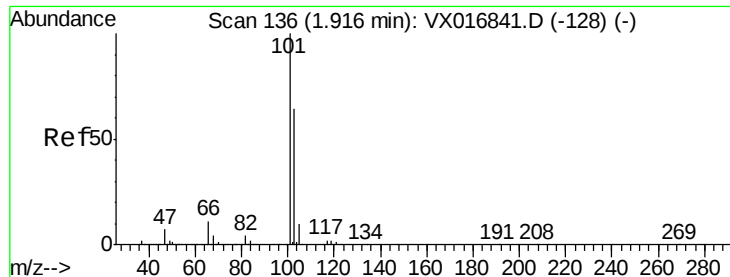
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Time-->

1.65 1.70 1.75 1.80



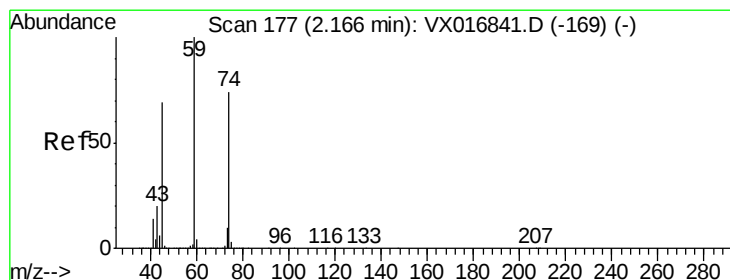
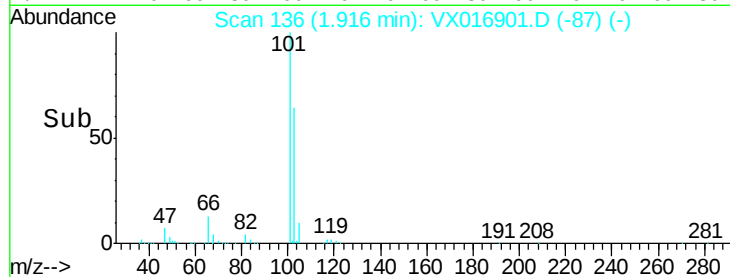
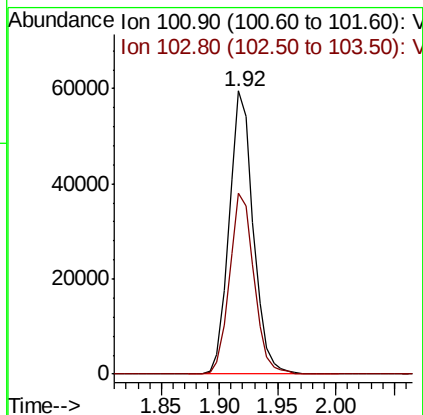
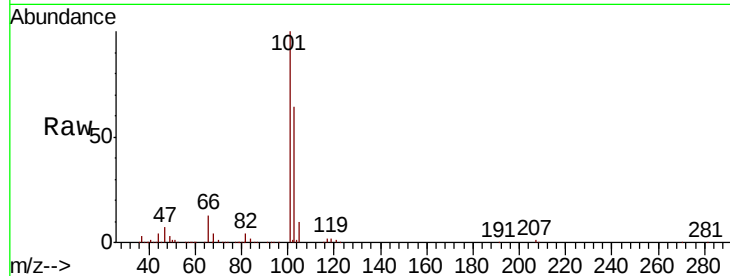


#7

Trichlorofluoromethane
 Concen: 18.564 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

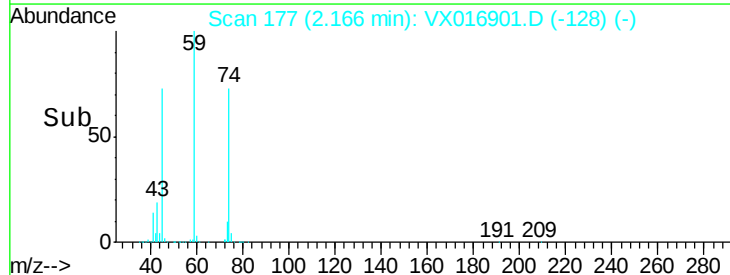
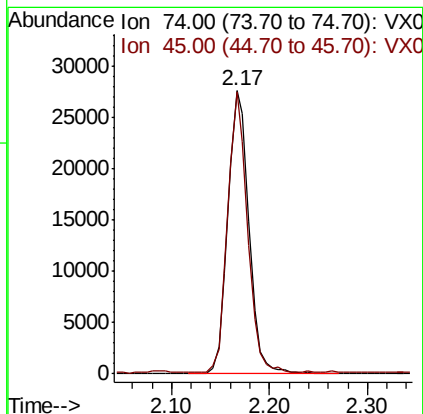
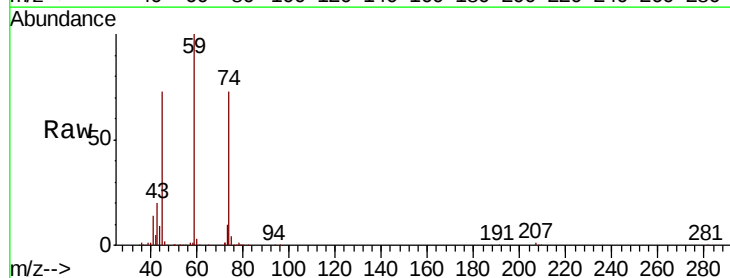
Tot Ion:101 Resp: 85975
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.2 76.8

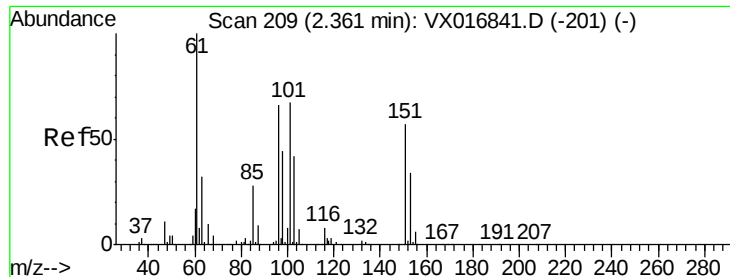


#8

Diethyl Ether
 Concen: 22.936 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion: 74 Resp: 41300
 Ion Ratio Lower Upper
 74 100
 45 92.6 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.247 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

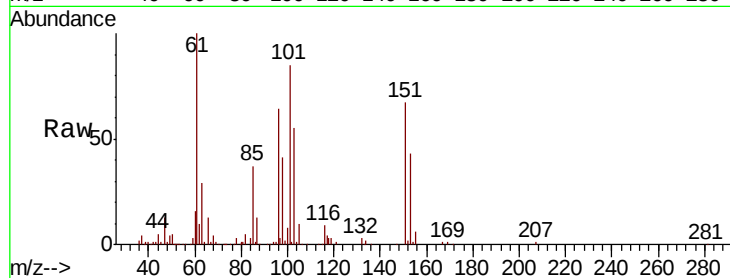
Tot Ion:101 Resp: 47480

Ion Ratio Lower Upper

101 100

85 43.1 34.3 51.5

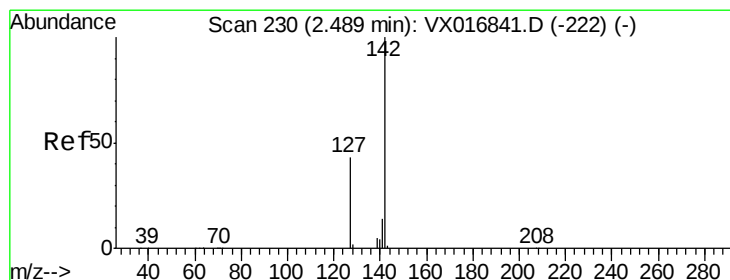
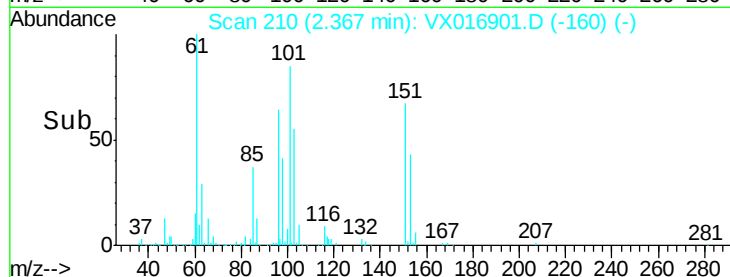
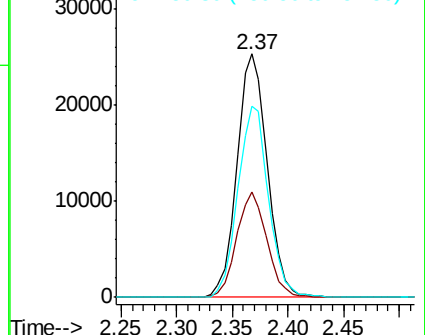
151 79.6 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.310 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

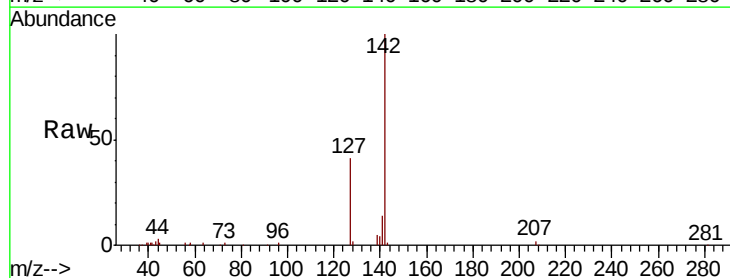
Tgt Ion:142 Resp: 35955

Ion Ratio Lower Upper

142 100

127 42.3 35.1 52.7

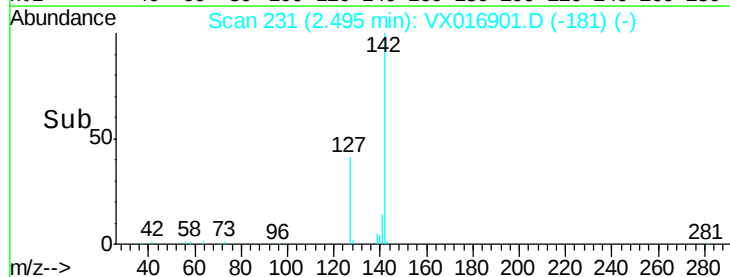
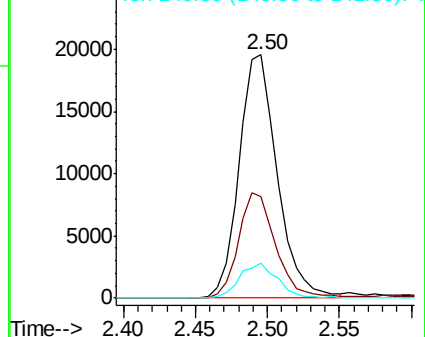
141 14.1 11.6 17.4

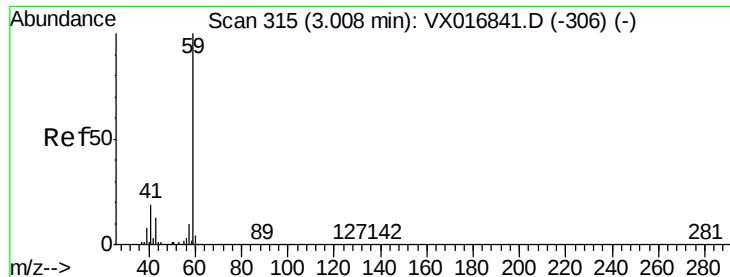


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



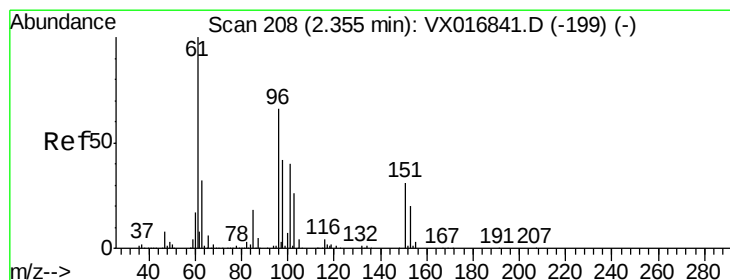
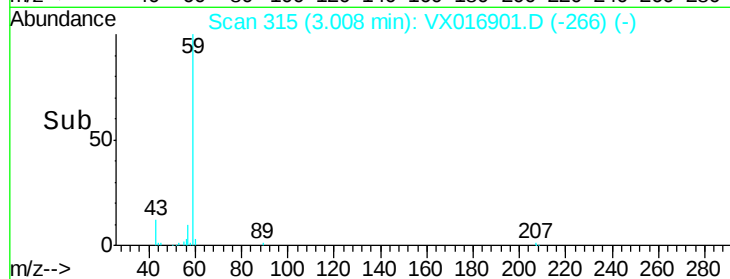
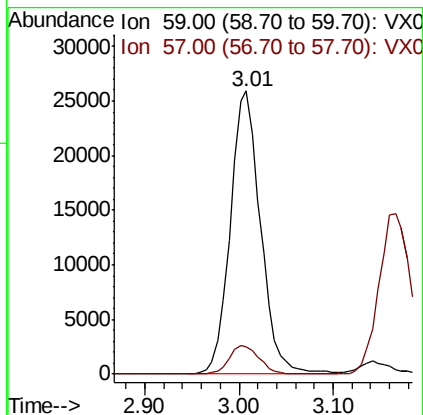
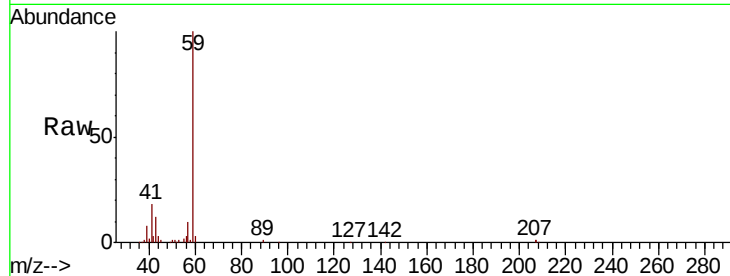


#11

Tert butyl alcohol
 Concen: 120.415 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

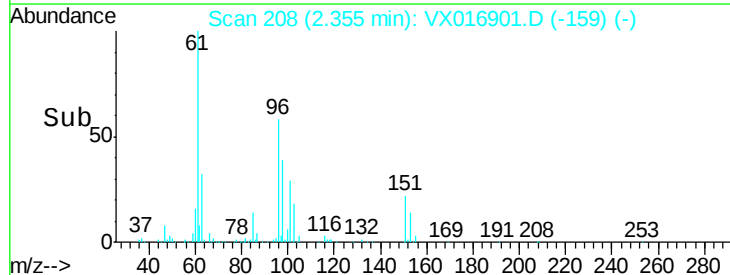
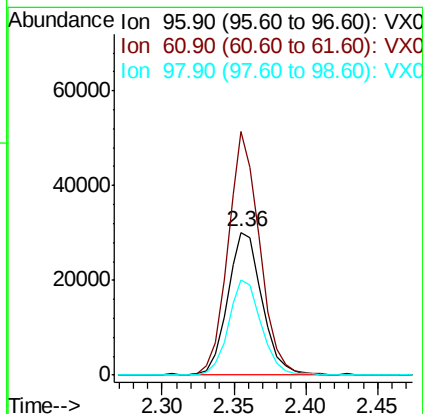
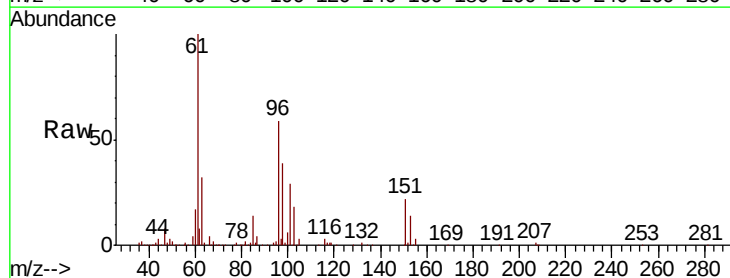
Tot Ion: 59 Resp: 57790
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

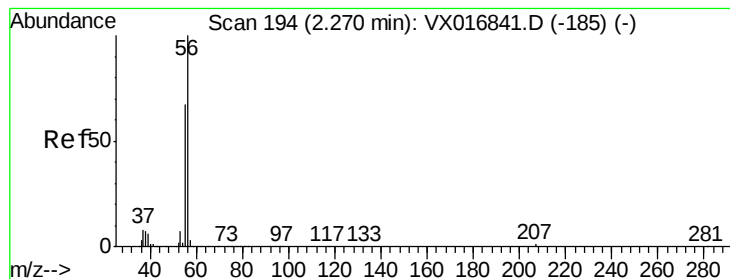


#12

1,1-Dichloroethene
 Concen: 19.683 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion: 96 Resp: 49650
 Ion Ratio Lower Upper
 96 100
 61 171.0 121.7 182.5
 98 66.4 51.1 76.7





#13

Acrolein

Concen: 133.579 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampled :

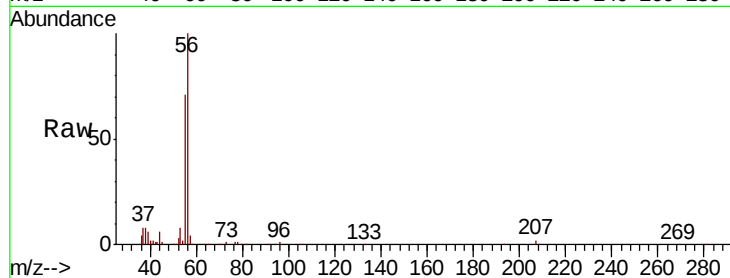
VX0619WBS02

Tot Ion: 56 Resp: 38868

Ion Ratio Lower Upper

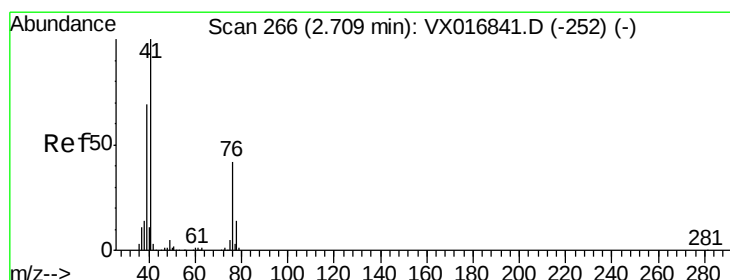
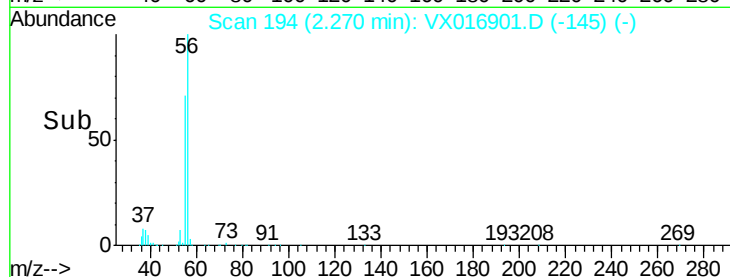
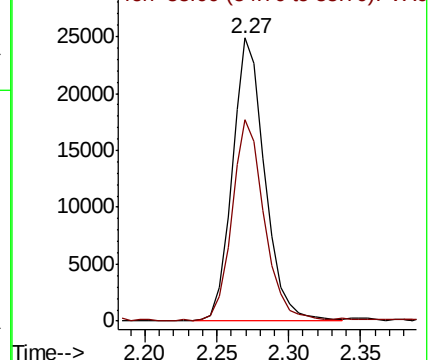
56 100

55 72.6 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.819 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

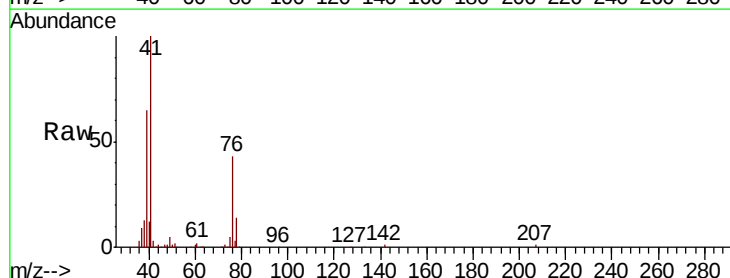
Tgt Ion: 41 Resp: 69465

Ion Ratio Lower Upper

41 100

39 60.1 50.7 76.1

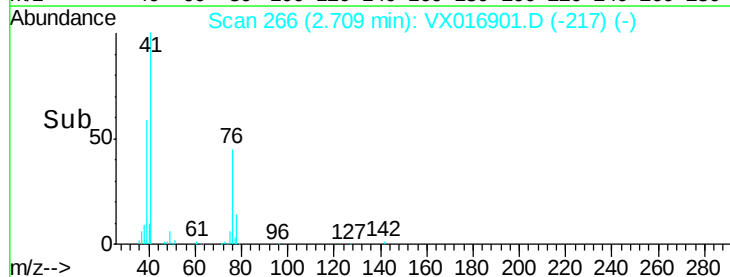
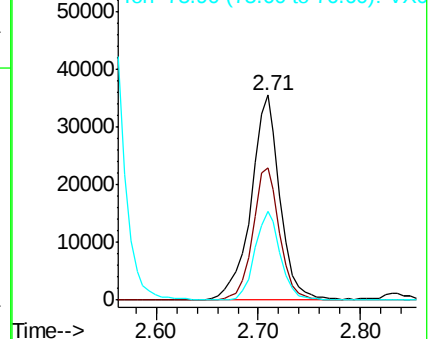
76 38.5 30.9 46.3

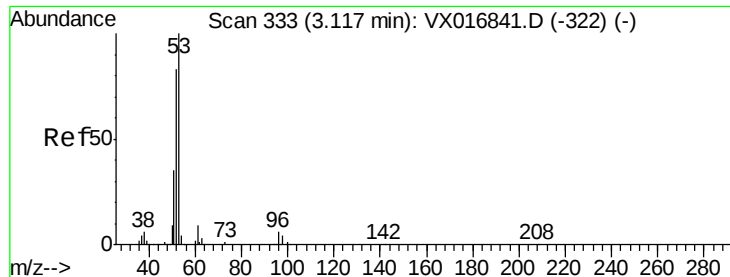


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 121.967 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

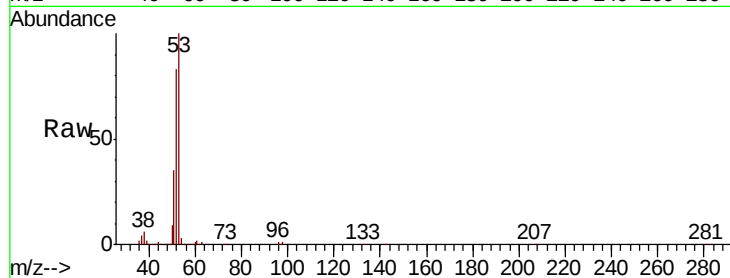
Tot Ion: 53 Resp: 134138

Ion Ratio Lower Upper

53 100

52 81.1 66.2 99.2

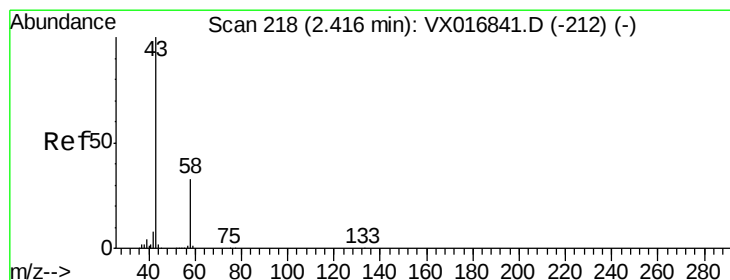
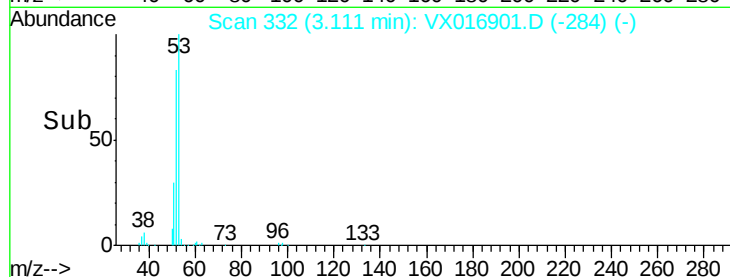
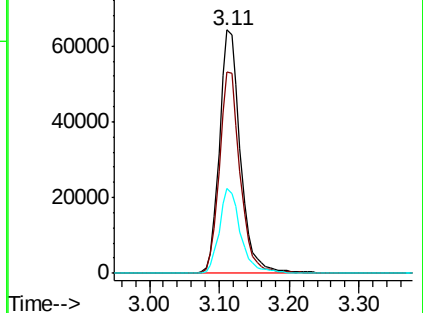
51 35.6 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 130.374 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016901.D

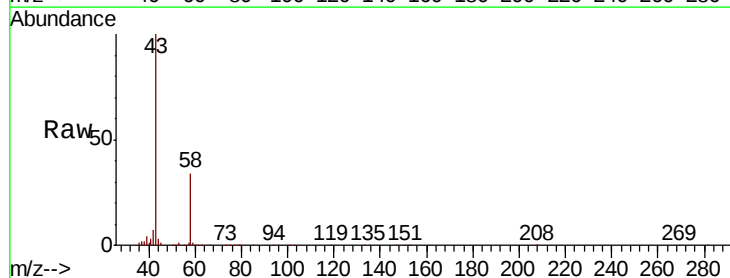
Acq: 20 Jun 2020 02:29

Tgt Ion: 43 Resp: 134360

Ion Ratio Lower Upper

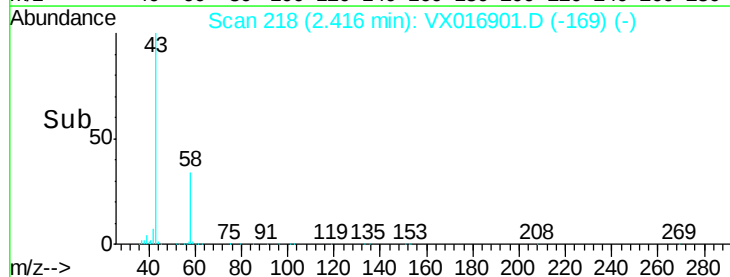
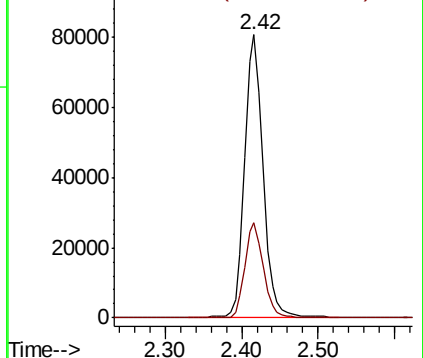
43 100

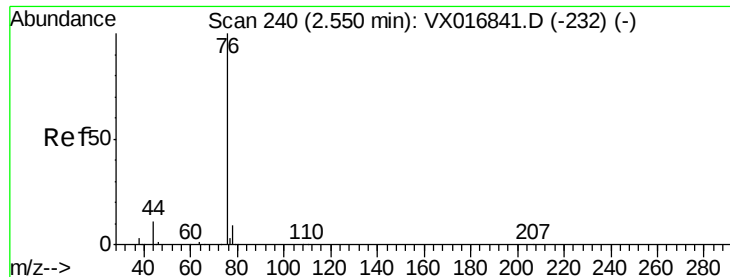
58 33.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.924 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

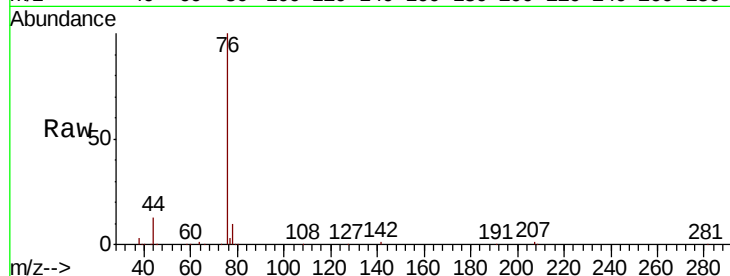
VX0619WBS02

Tot Ion: 76 Resp: 116850

Ion Ratio Lower Upper

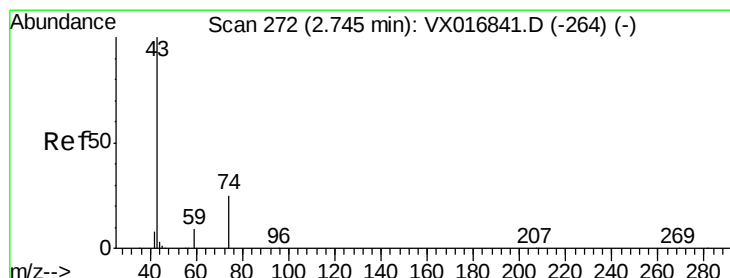
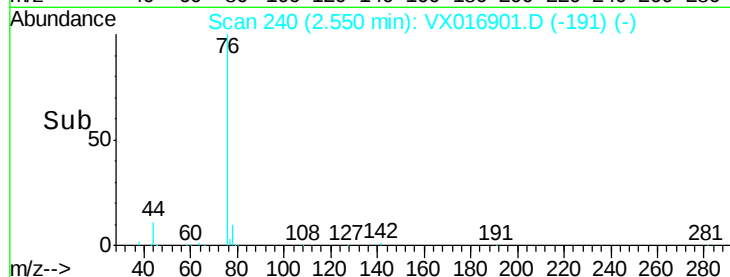
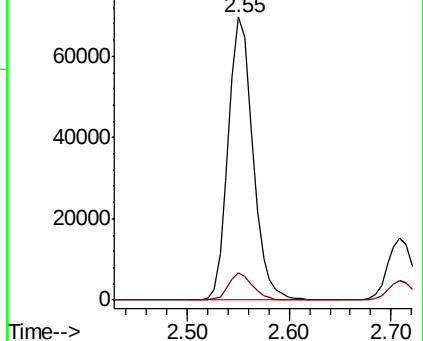
76 100

78 9.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.116 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016901.D

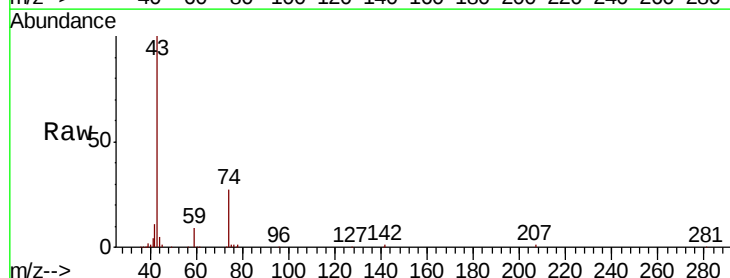
Acq: 20 Jun 2020 02:29

Tgt Ion: 43 Resp: 65820

Ion Ratio Lower Upper

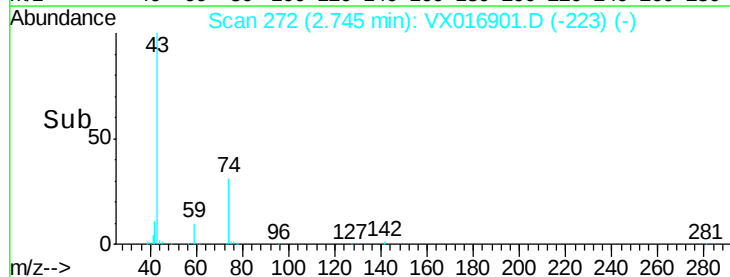
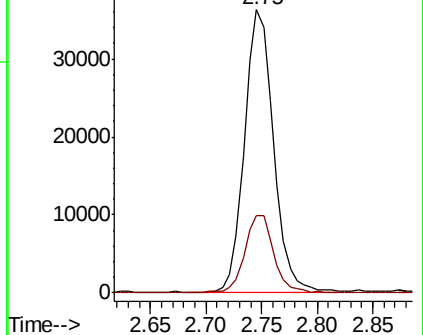
43 100

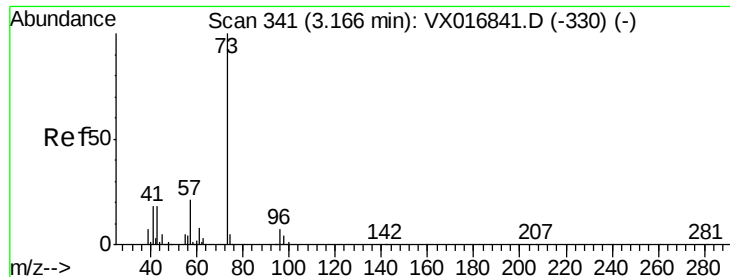
74 27.6 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



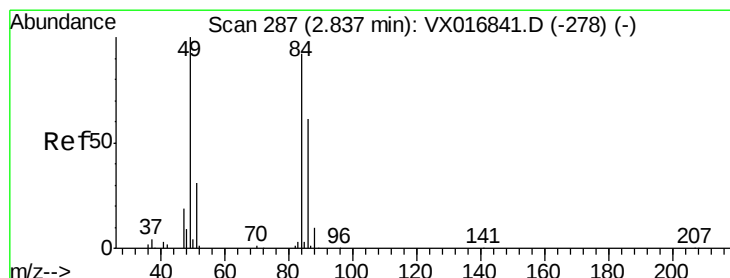
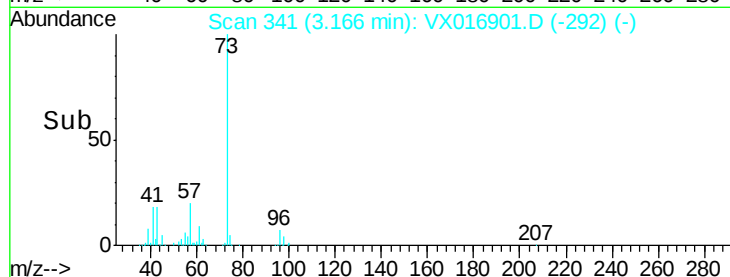
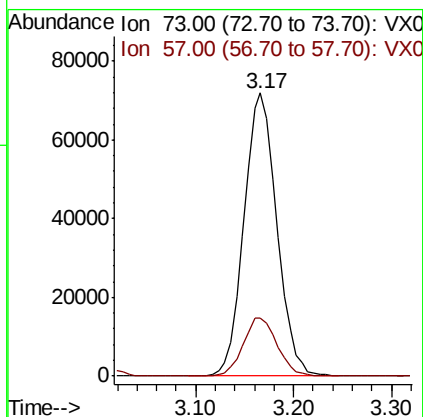
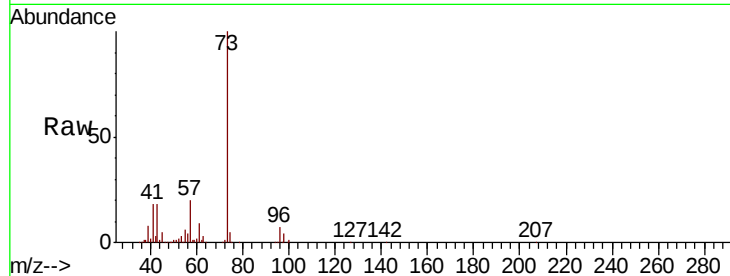


#19

Methyl tert-butyl Ether
 Concen: 23.269 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

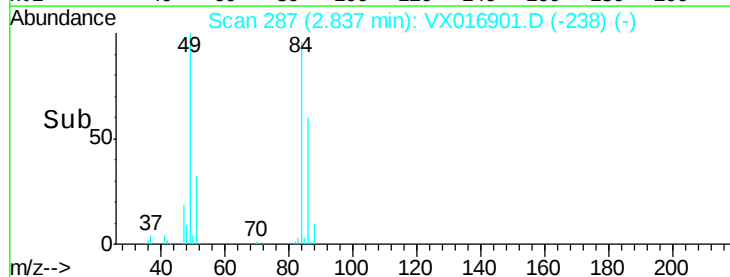
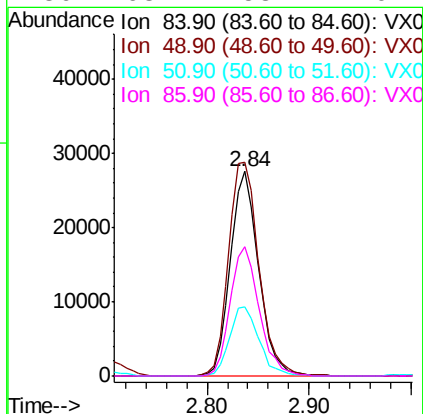
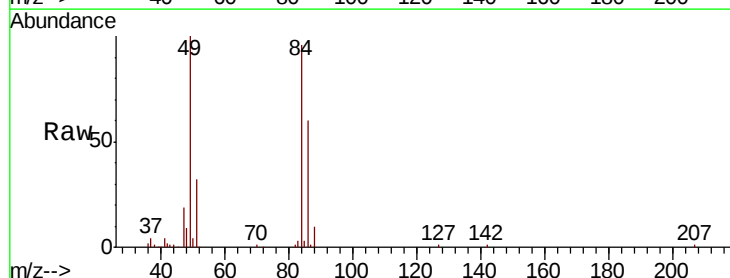
Tot Ion: 73 Resp: 167274
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.9 25.3

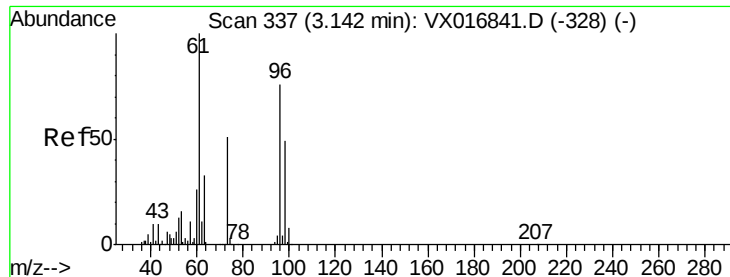


#20

Methylene Chloride
 Concen: 21.437 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion: 84 Resp: 52980
 Ion Ratio Lower Upper
 84 100
 49 104.4 86.6 129.8
 51 33.8 27.1 40.7
 86 63.1 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

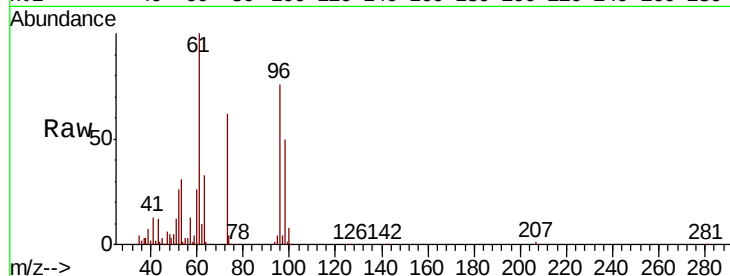
Tot Ion: 96 Resp: 48297

Ion Ratio Lower Upper

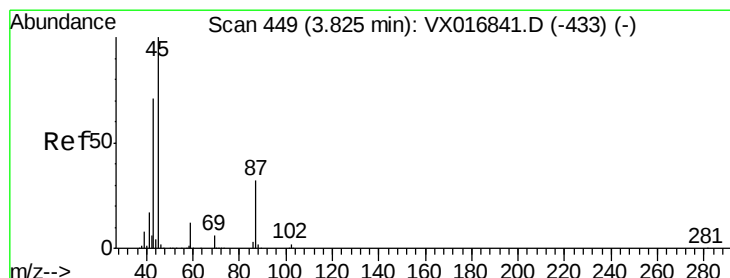
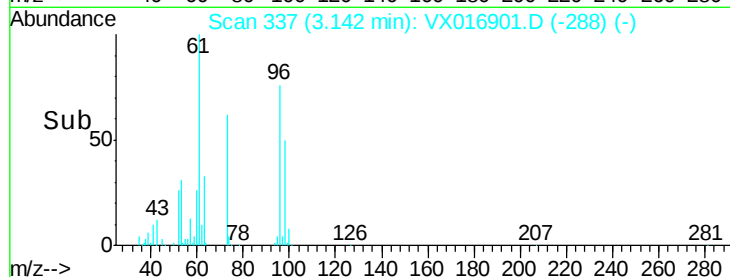
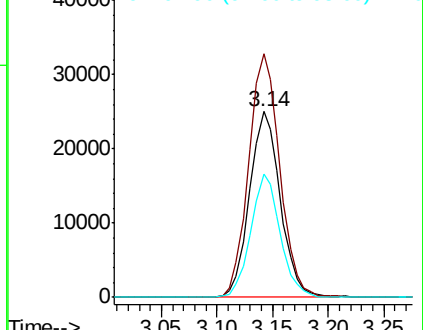
96 100

61 131.3 105.4 158.0

98 66.2 51.3 76.9



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: 24.536 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion: 45 Resp: 156852

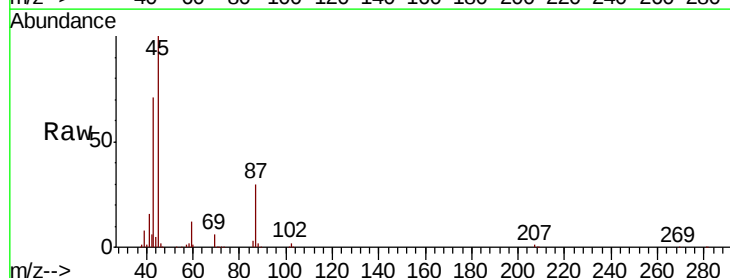
Ion Ratio Lower Upper

45 100

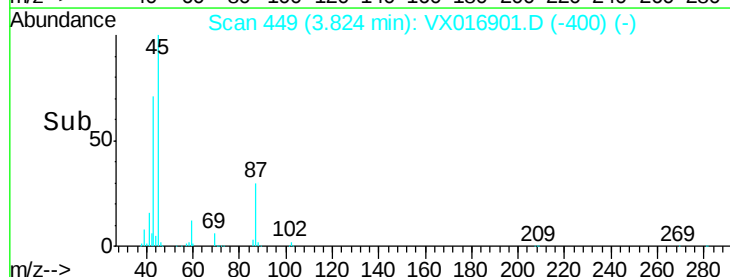
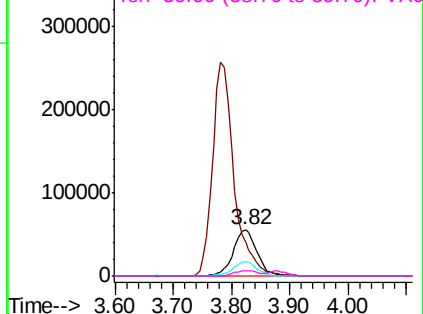
43 70.5 57.0 85.4

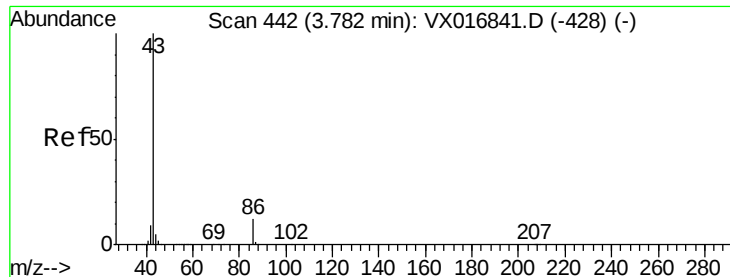
87 30.4 25.2 37.8

59 12.0 9.9 14.9



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: 124.941 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

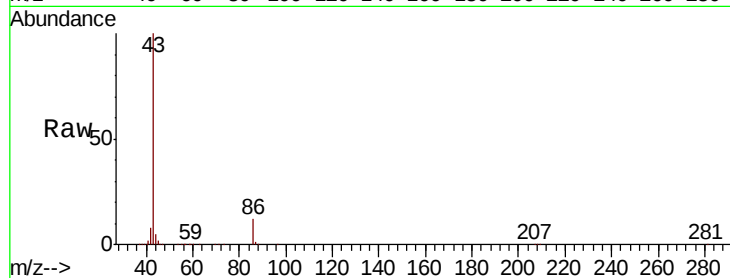
VX0619WBS02

Tot Ion: 43 Resp: 658625

Ion Ratio Lower Upper

43 100

86 12.0 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

250000

200000

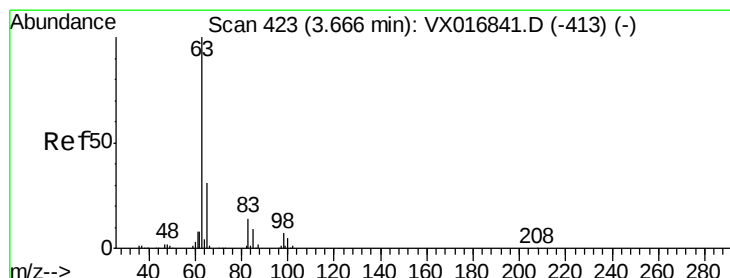
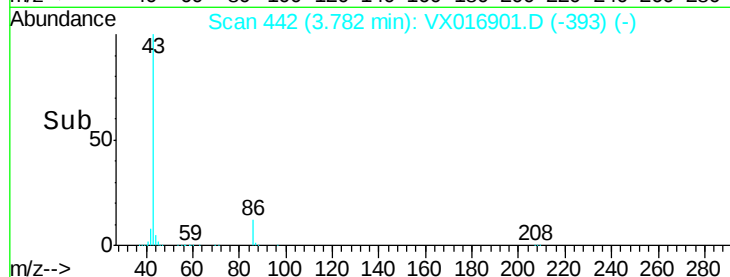
150000

100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 22.725 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

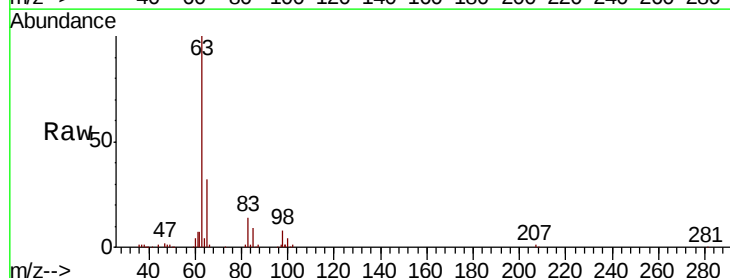
Tgt Ion: 63 Resp: 90747

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

50000

40000

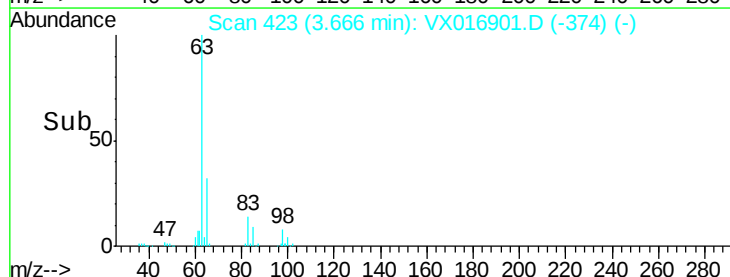
30000

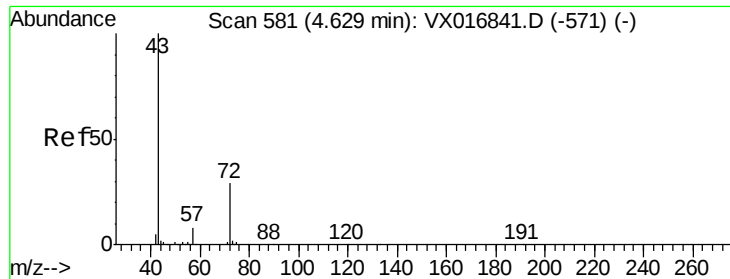
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 152.760 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

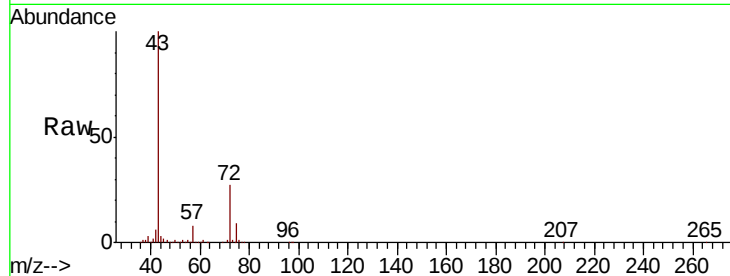
VX0619WBS02

Tot Ion: 43 Resp: 216666

Ion Ratio Lower Upper

43 100

72 26.9 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

40000

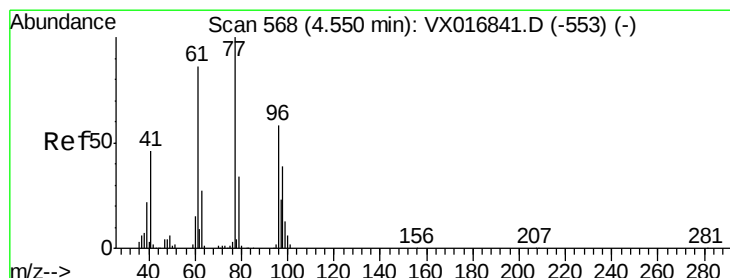
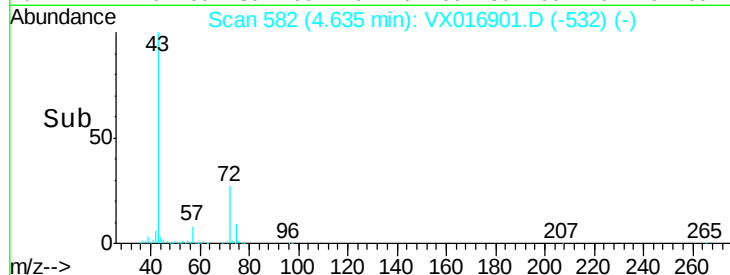
20000

0

4.64

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 18.900 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016901.D

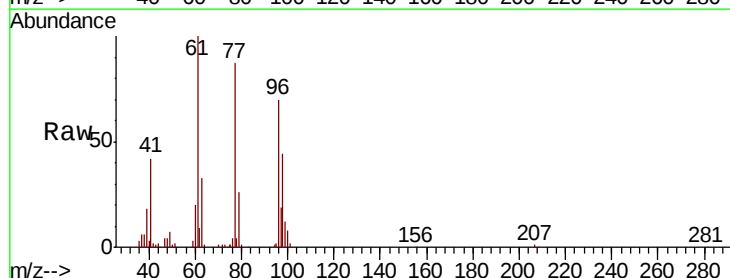
Acq: 20 Jun 2020 02:29

Tgt Ion: 77 Resp: 70709

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

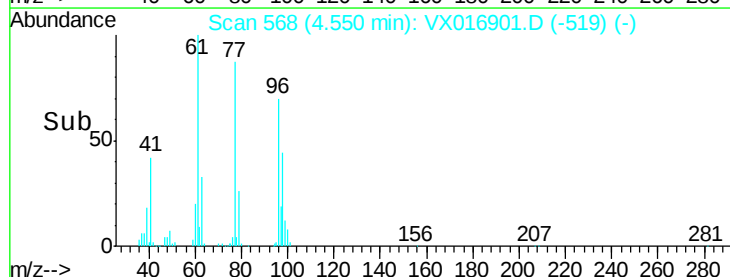
5000

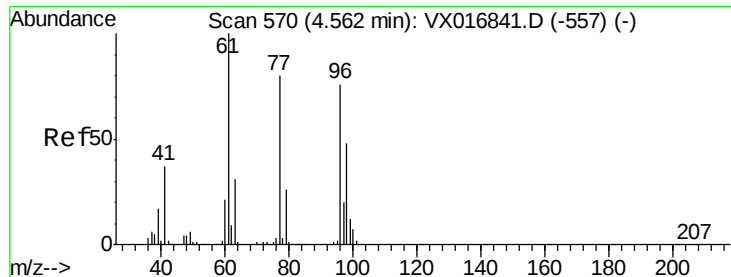
0

4.55

4.40 4.50 4.60

Time-->



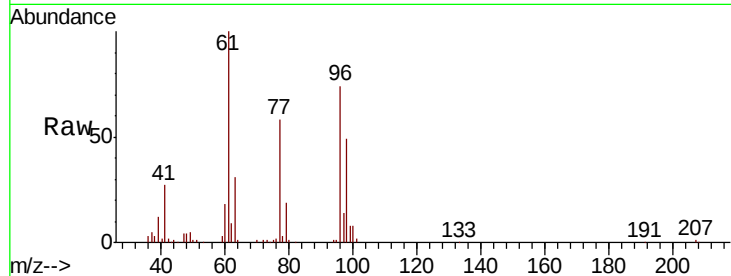


#27

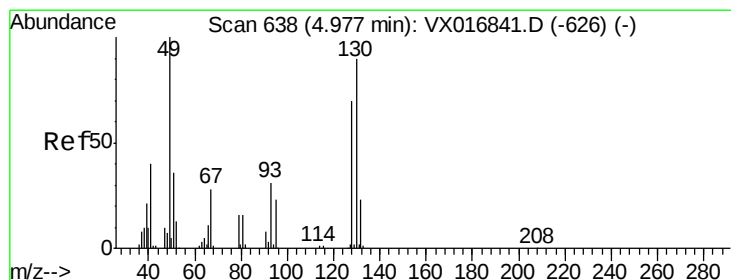
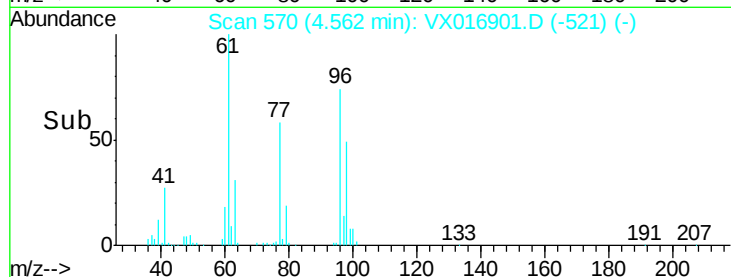
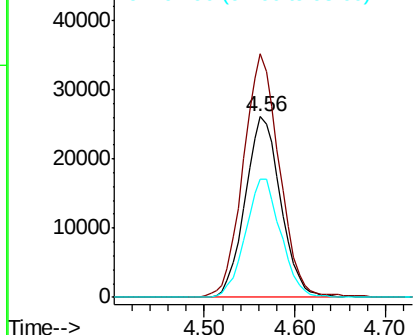
cis-1,2-Dichloroethene
 Concen: 26.444 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

Tot Ion: 96 Resp: 70773
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 273.8
 98 65.1 0.0 129.0



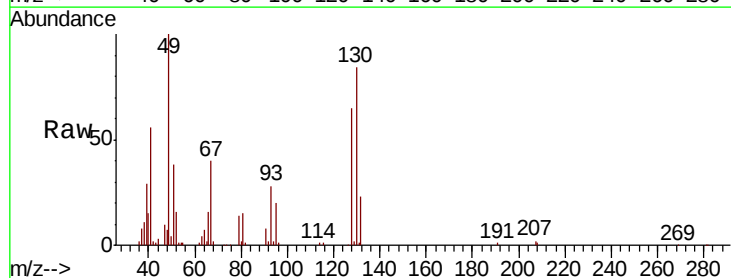
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



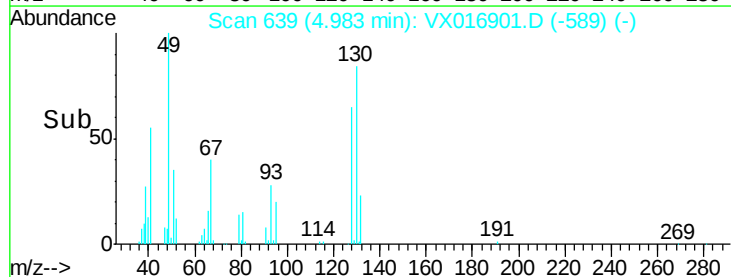
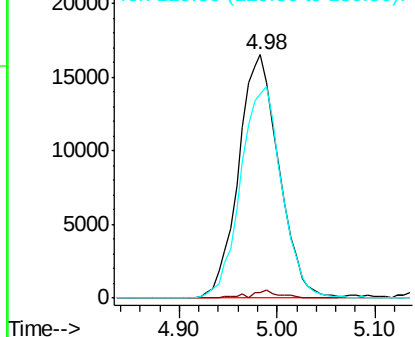
#28

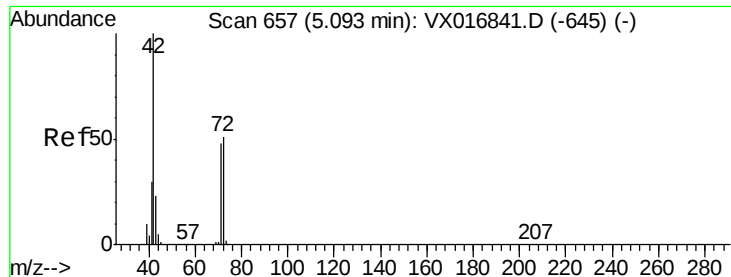
Bromochloromethane
 Concen: 28.576 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion: 49 Resp: 47362
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.0
 130 88.6 76.8 115.2



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: 155.485 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

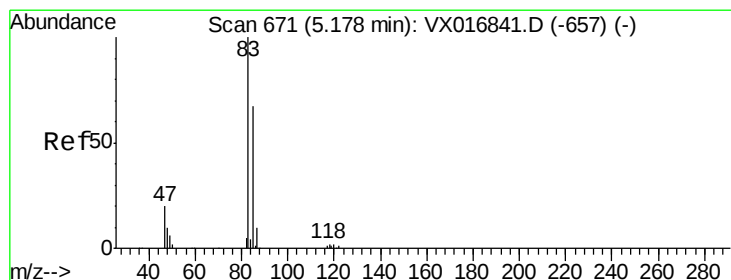
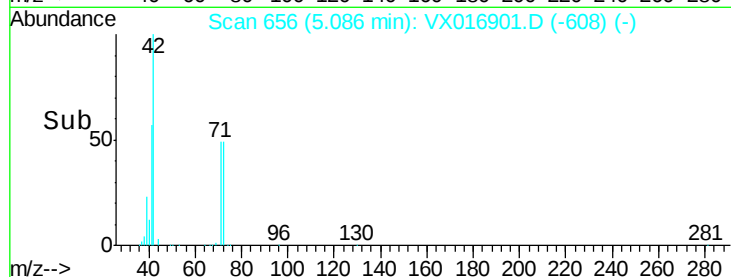
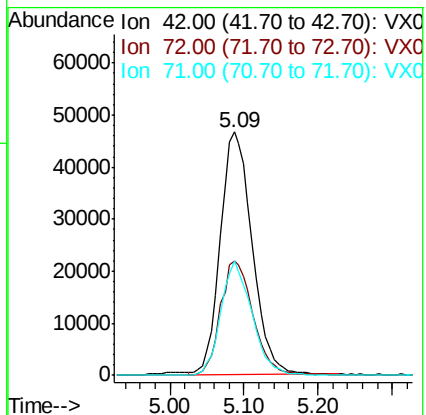
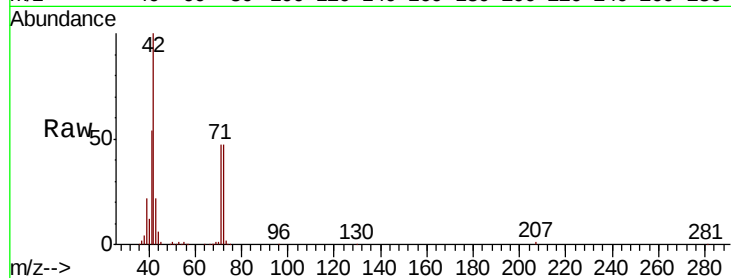
Tot Ion: 42 Resp: 138889

Ion Ratio Lower Upper

42 100

72 48.4 41.1 61.7

71 46.0 38.4 57.6



#30

Chloroform

Concen: 23.665 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016901.D

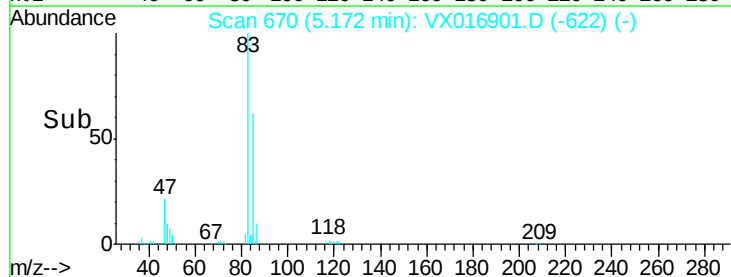
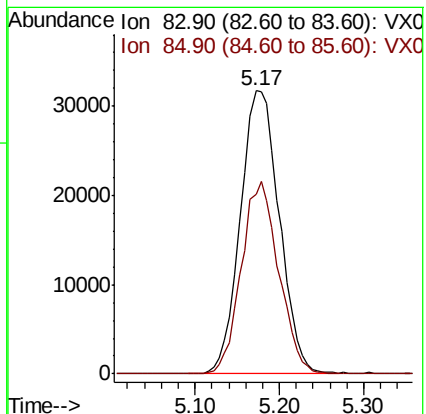
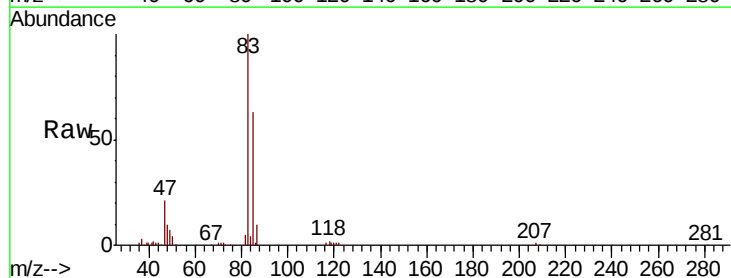
Acq: 20 Jun 2020 02:29

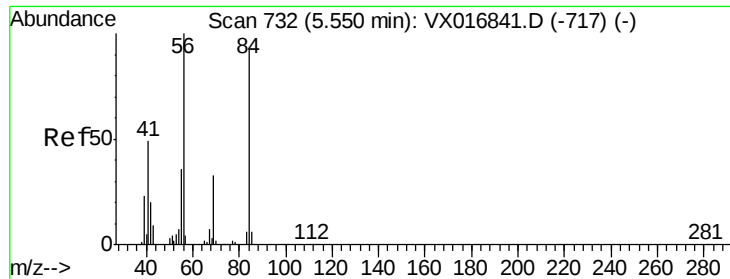
Tgt Ion: 83 Resp: 99769

Ion Ratio Lower Upper

83 100

85 63.4 53.4 80.0

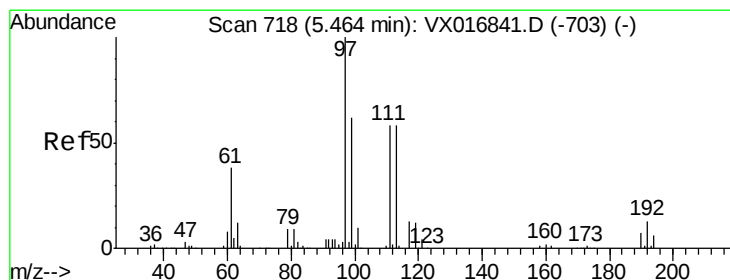
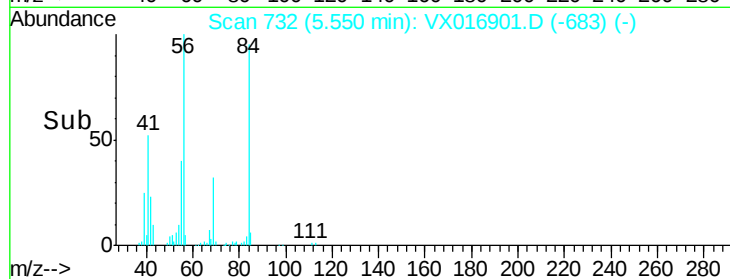
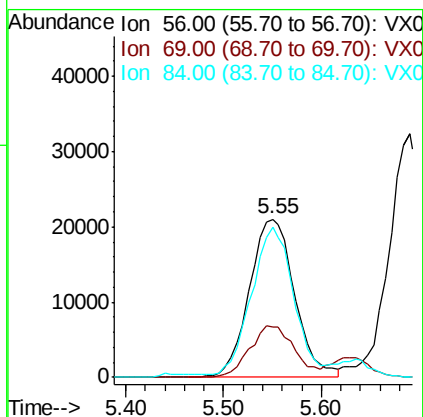
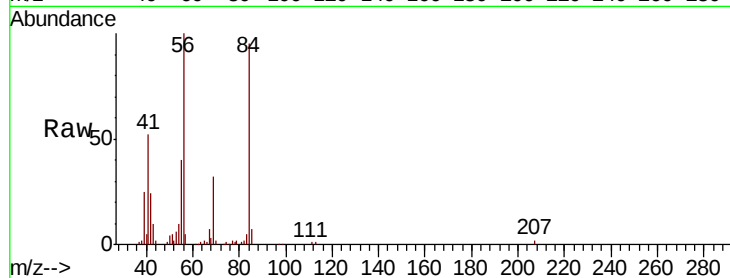




#31
Cyclohexane
Concen: 19.156 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

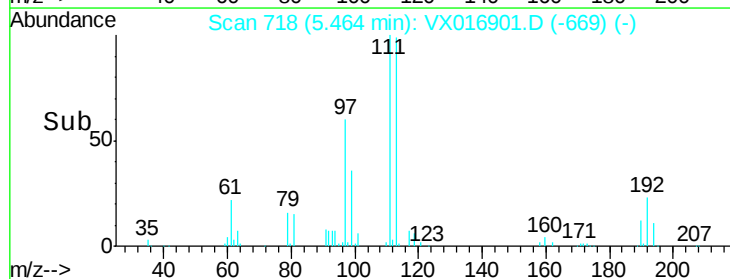
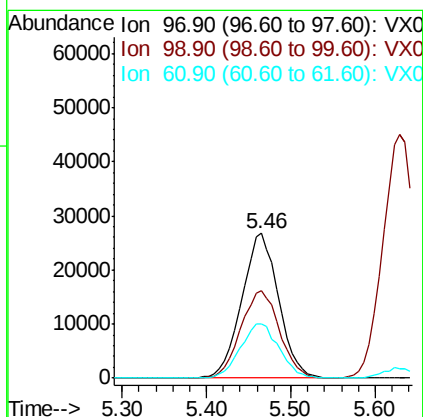
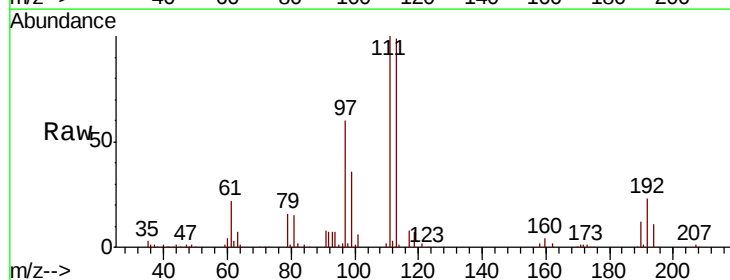
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

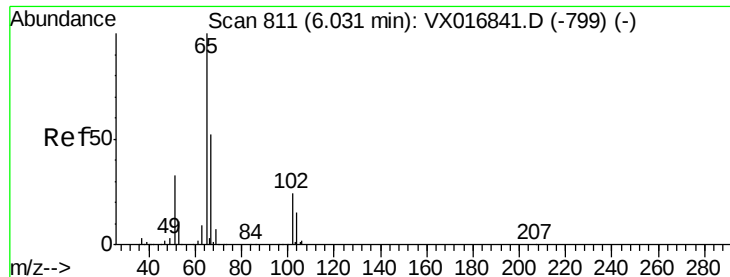
Tot Ion: 56 Resp: 67250
Ion Ratio Lower Upper
56 100
69 31.7 26.1 39.1
84 92.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 19.954 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion: 97 Resp: 79621
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 39.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 53.031 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

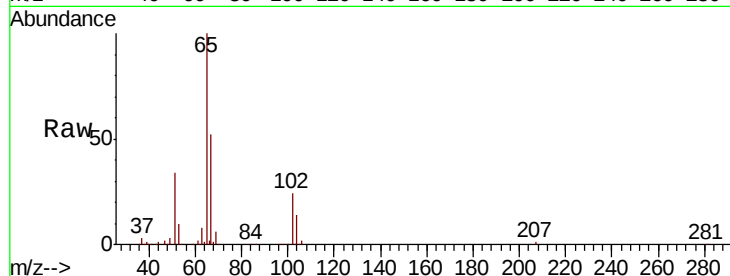
VX0619WBS02

Tot Ion: 65 Resp: 150552

Ion Ratio Lower Upper

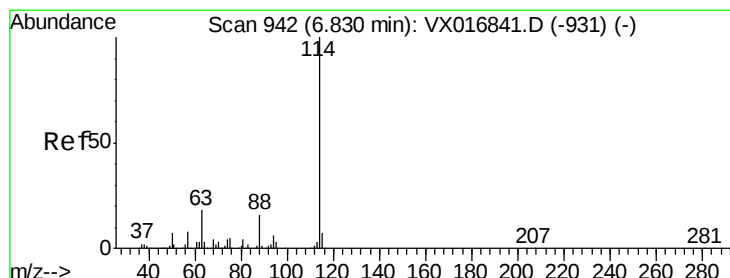
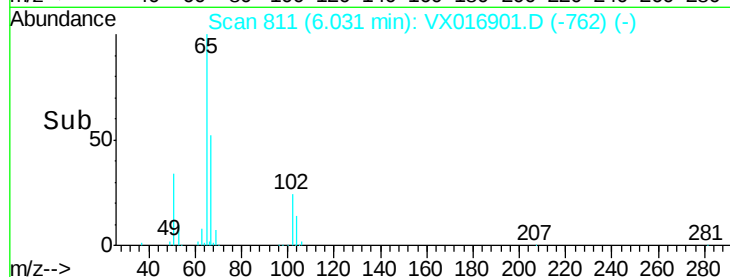
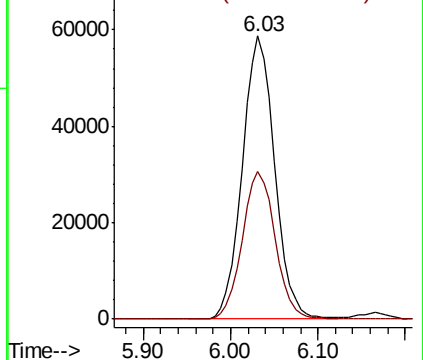
65 100

67 53.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

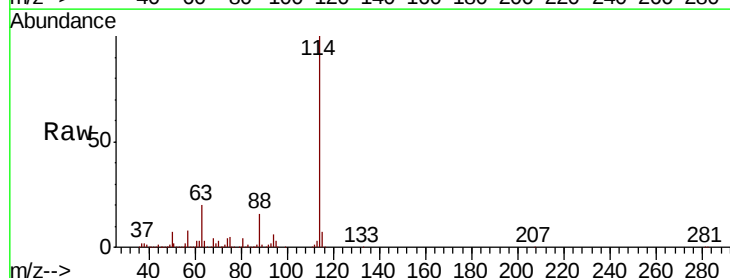
Tgt Ion: 114 Resp: 451688

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.0

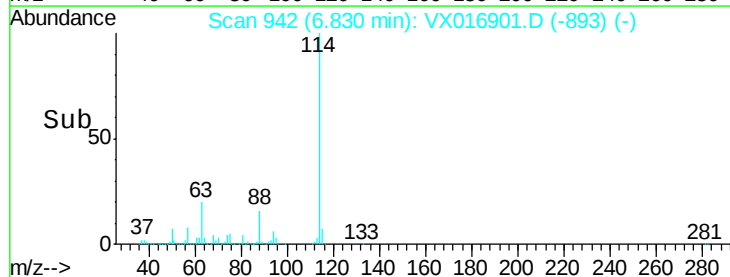
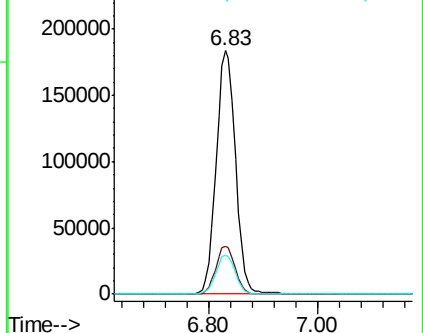
88 16.2 0.0 32.0

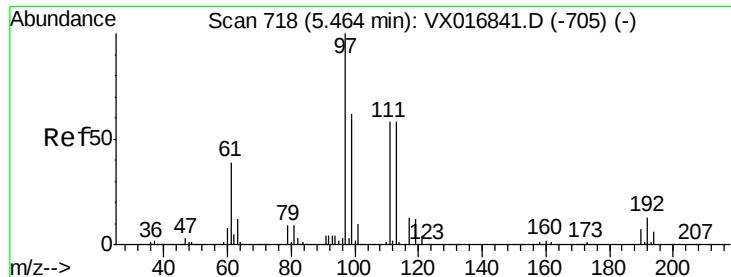


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

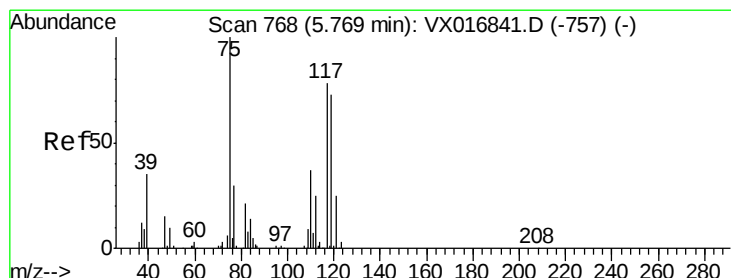
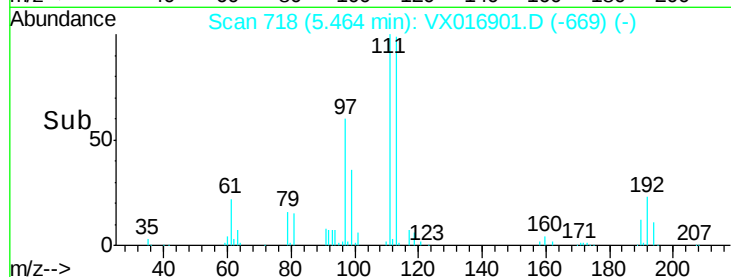
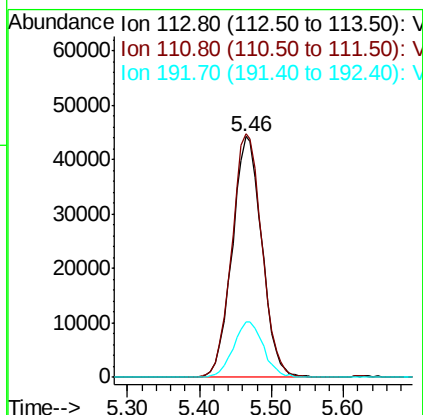
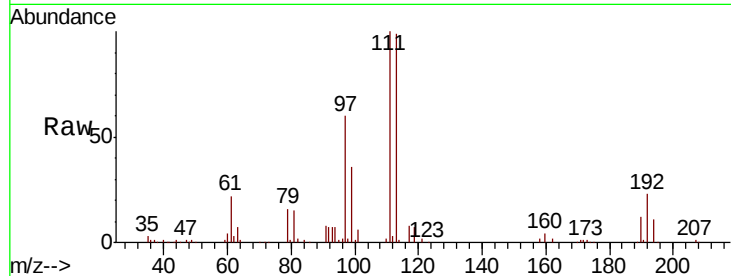




#35
Dibromofluoromethane
Concen: 43.701 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

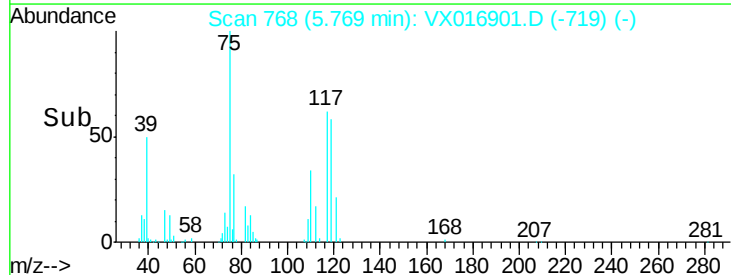
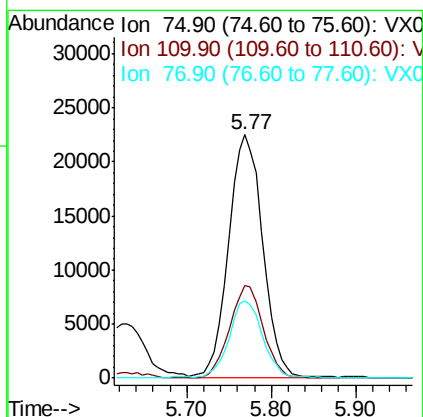
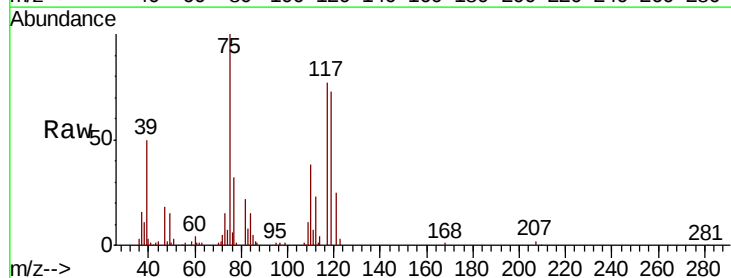
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

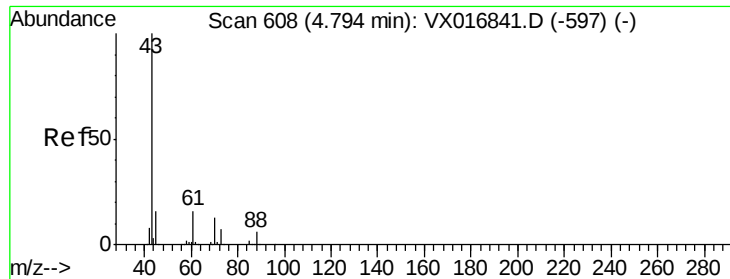
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.4
192	23.3	18.5	27.7



#36
1,1-Dichloropropene
Concen: 14.667 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.9	56.9
77	31.8	25.6	38.4

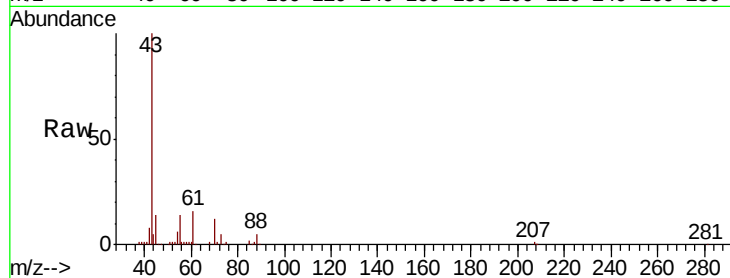




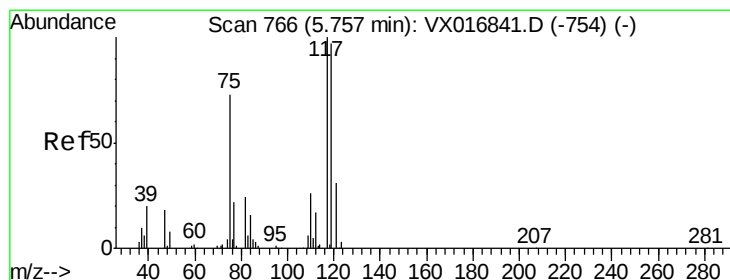
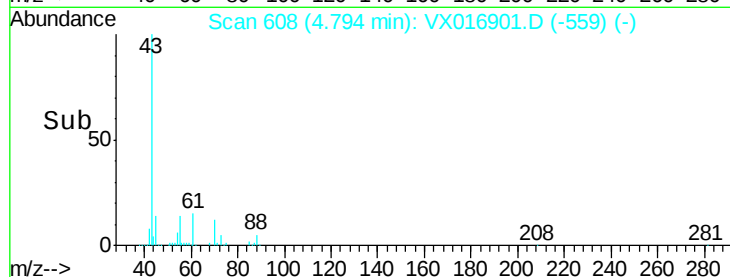
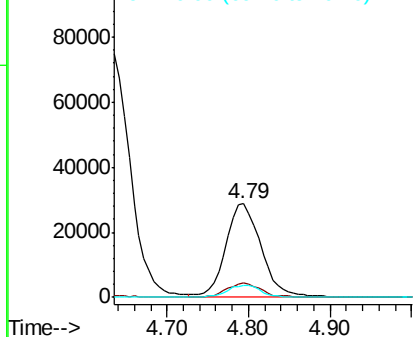
#37
Ethyl Acetate
Concen: 23.109 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampled :
VX0619WBS02

Tot Ion: 43 Resp: 85154
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 12.5 10.5 15.7

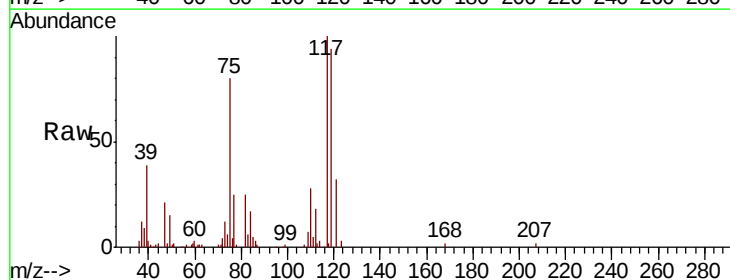


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

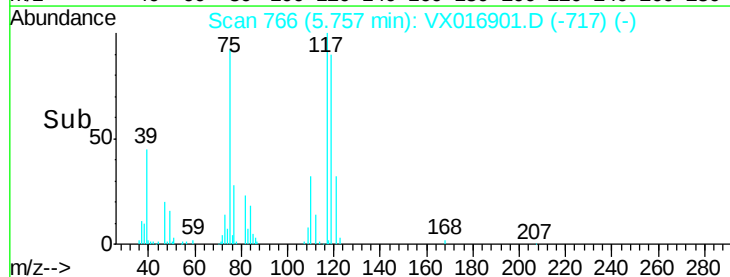
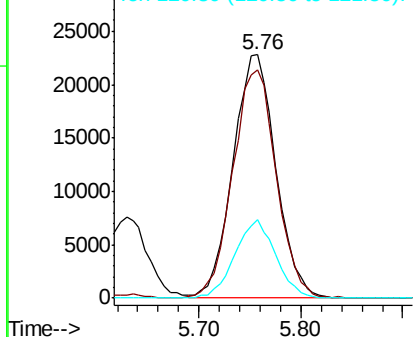


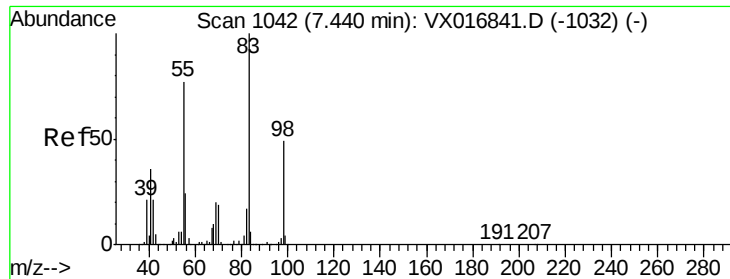
#38
Carbon Tetrachloride
Concen: 14.235 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion: 117 Resp: 66616
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.2
121 32.5 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

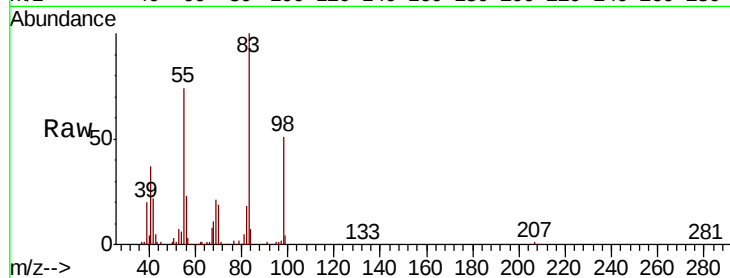




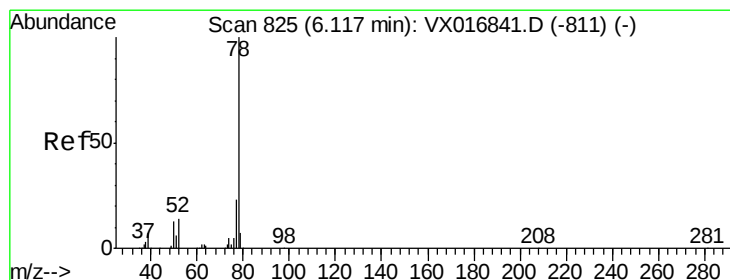
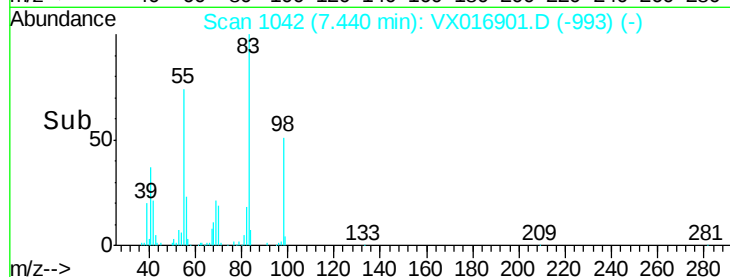
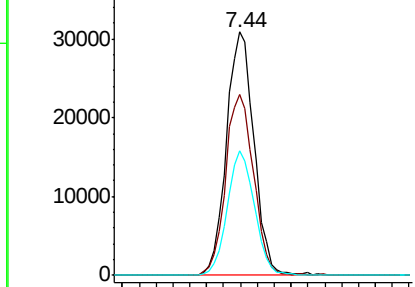
#39
Methvlcvclohexane
Concen: 14.165 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion: 83 Resp: 68689
Ion Ratio Lower Upper
83 100
55 74.3 61.7 92.5
98 51.1 39.0 58.6

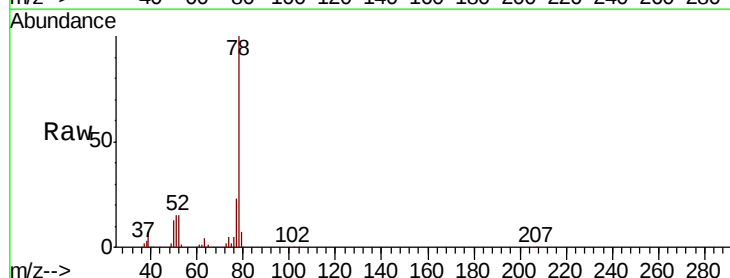


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

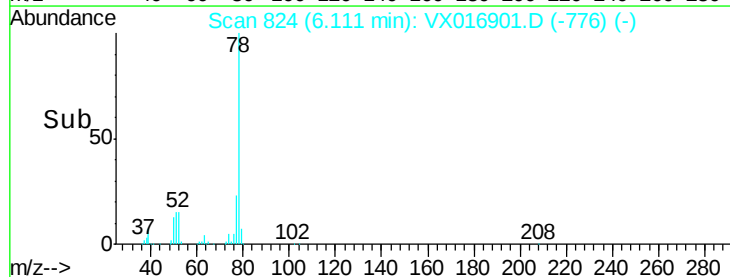
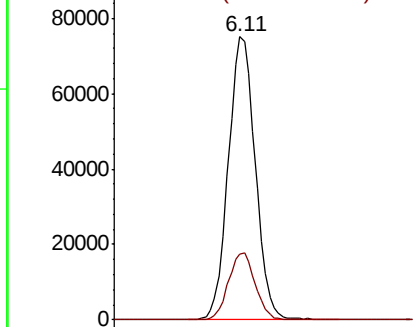


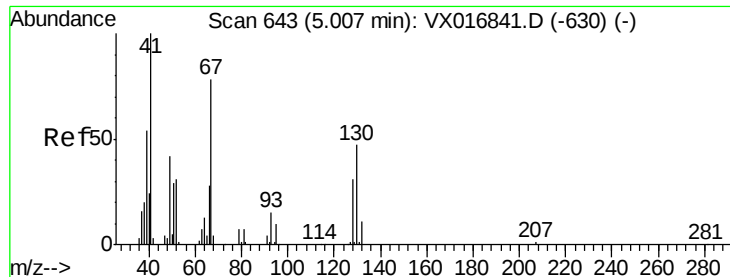
#40
Benzene
Concen: 16.075 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion: 78 Resp: 201161
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8



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





#41

Methacrylonitrile

Concen: 22.336 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

Tot Ion: 41 Resp: 44683

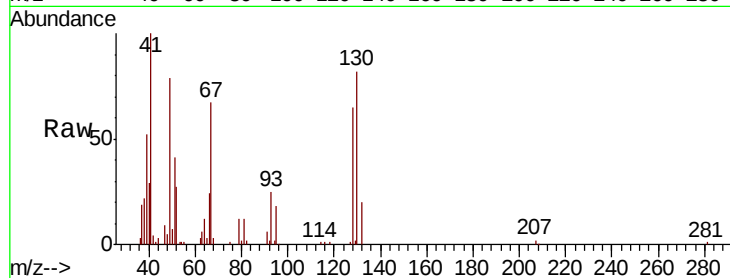
Ion Ratio Lower Upper

41 100

39 54.0 42.6 64.0

67 77.3 64.2 96.2

52 28.7 25.6 38.4

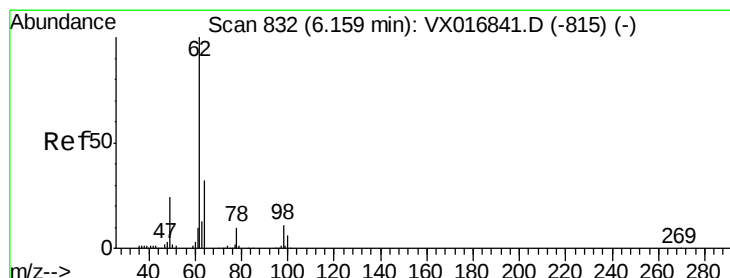
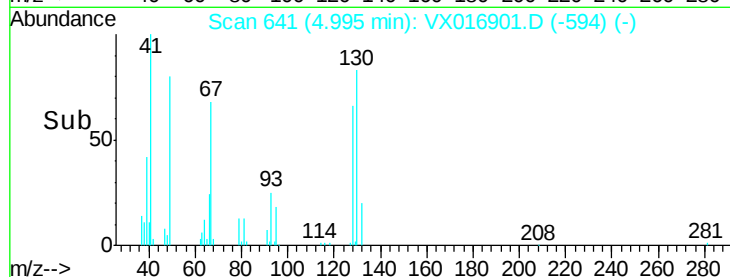
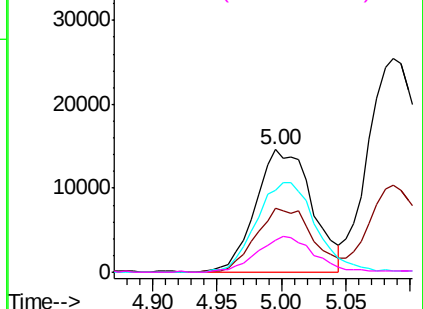


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 16.503 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX016901.D

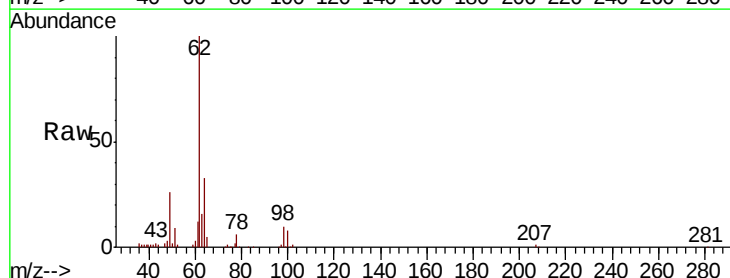
Acq: 20 Jun 2020 02:29

Tgt Ion: 62 Resp: 73488

Ion Ratio Lower Upper

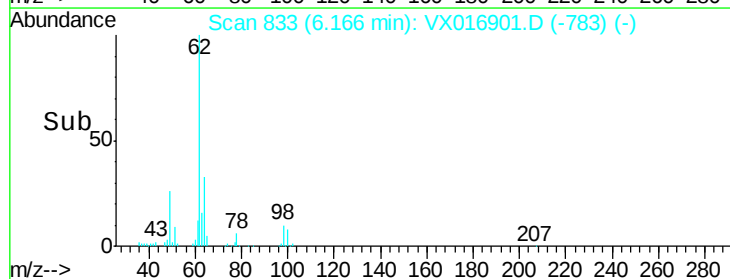
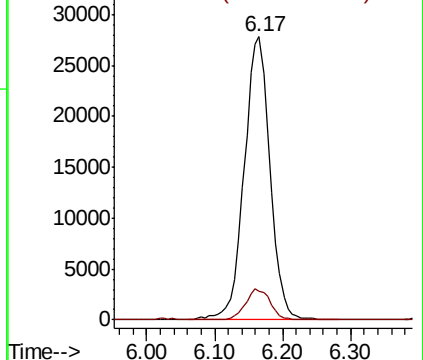
62 100

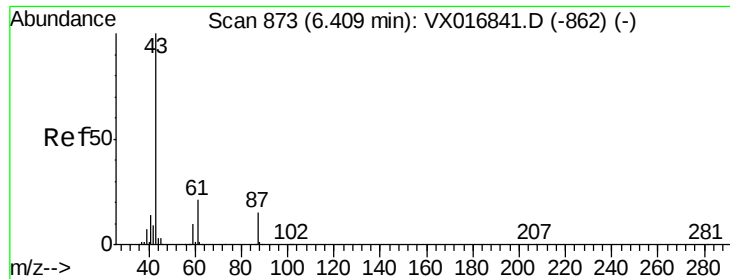
98 10.5 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



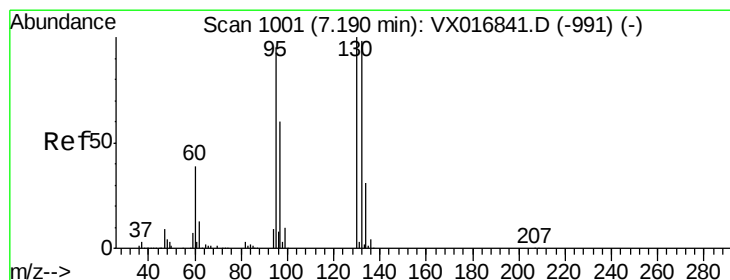
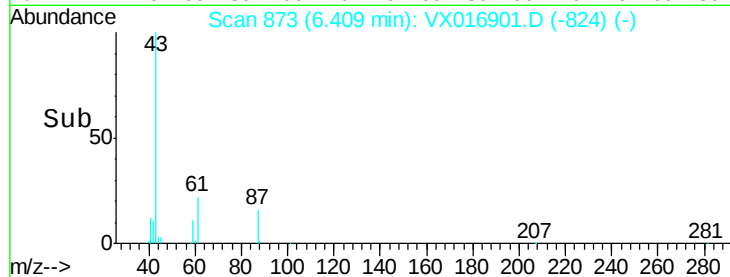
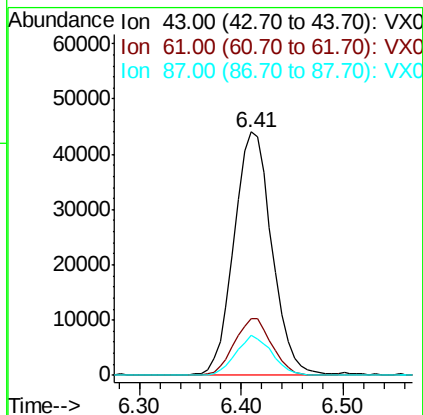
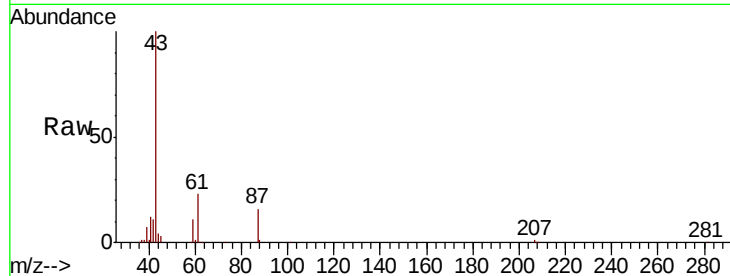


#43

Isopropyl Acetate
 Concen: 17.695 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

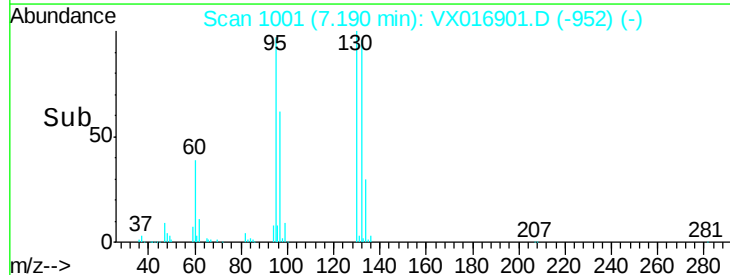
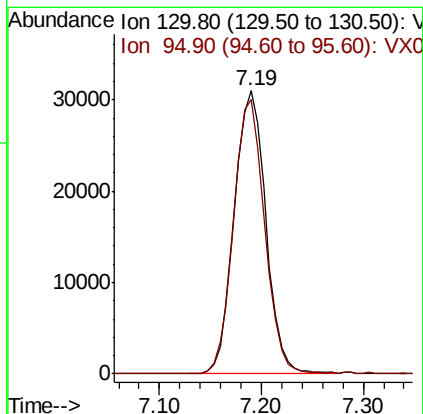
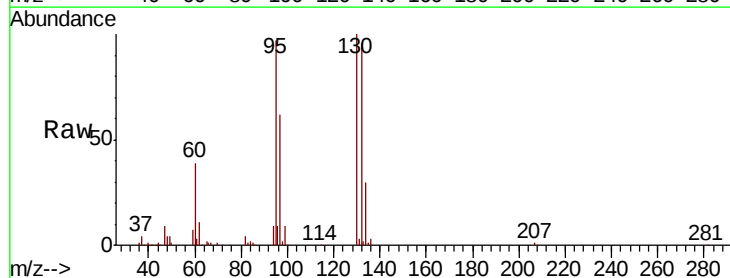
Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	17.9	26.9
87	15.6	12.4	18.6

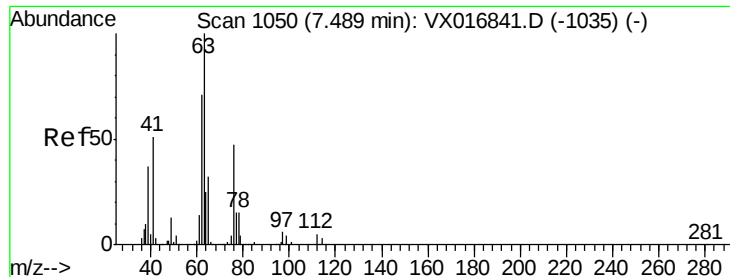


#44

Trichloroethene
 Concen: 17.390 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	190.8





#45

1,2-Dichloropropane

Concen: 17.738 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

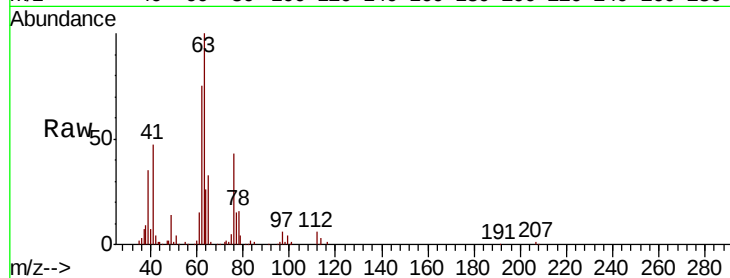
VX0619WBS02

Tot Ion: 63 Resp: 55801

Ion Ratio Lower Upper

63 100

65 33.0 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

30000

25000

20000

15000

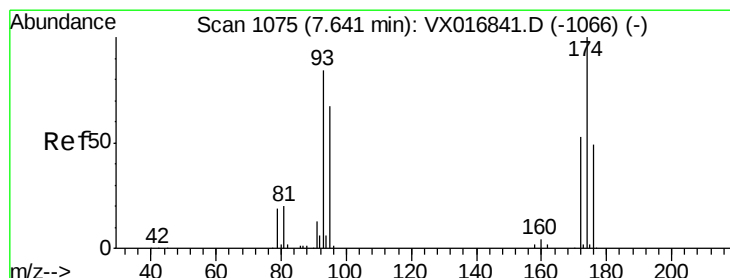
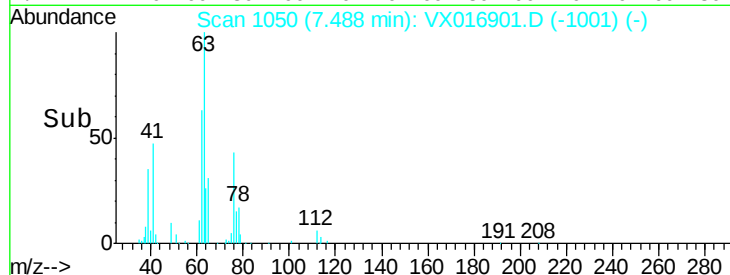
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 17.109 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

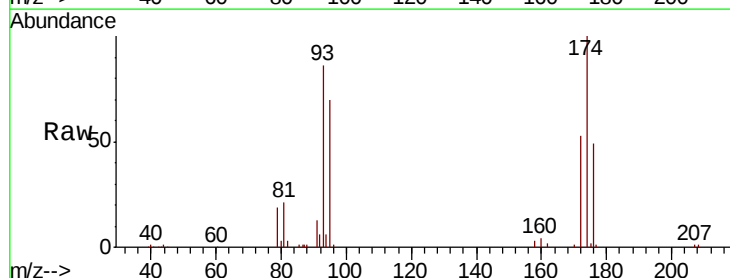
Tgt Ion: 93 Resp: 36500

Ion Ratio Lower Upper

93 100

95 82.7 65.7 98.5

174 117.0 92.8 139.2



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

30000

25000

20000

15000

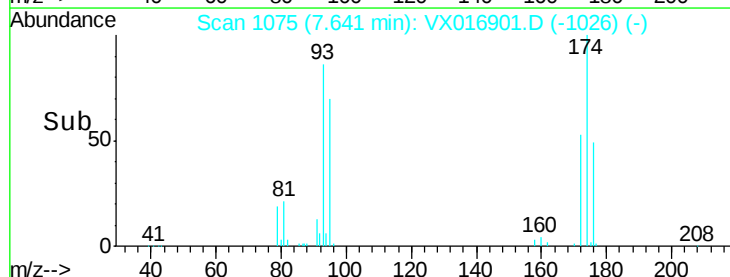
10000

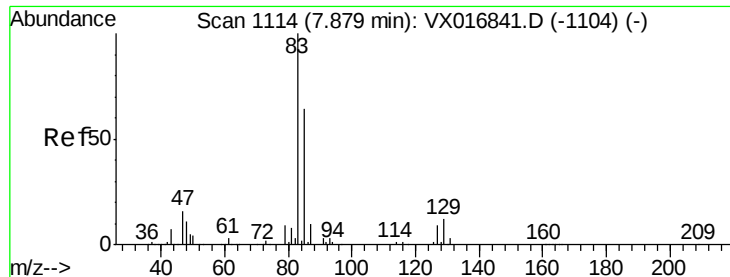
5000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 16.334 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

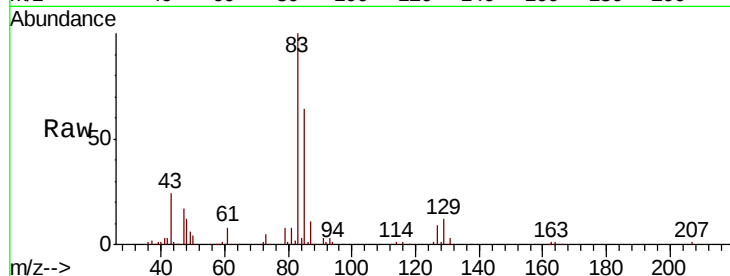
Tot Ion: 83 Resp: 74115

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

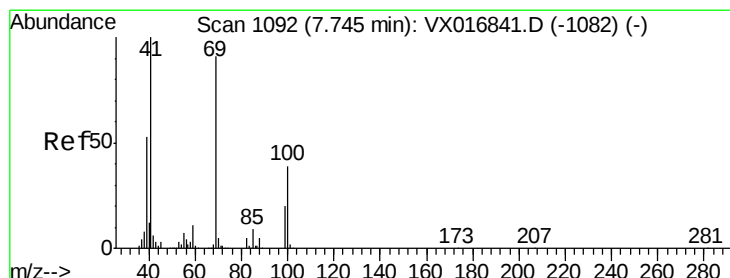
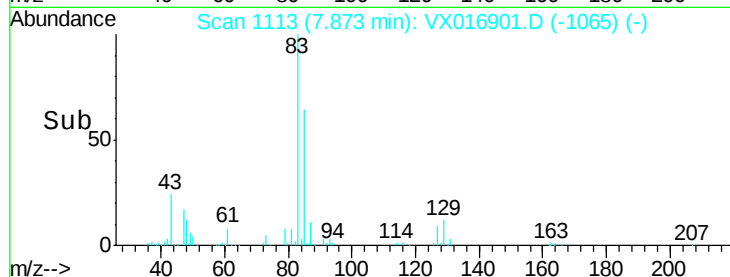
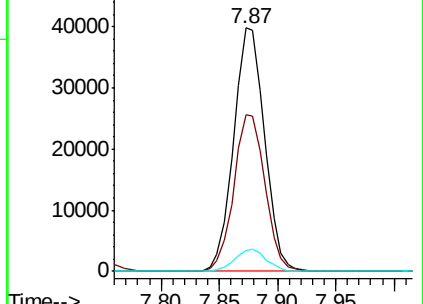
127 8.5 7.4 11.0



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: 17.611 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

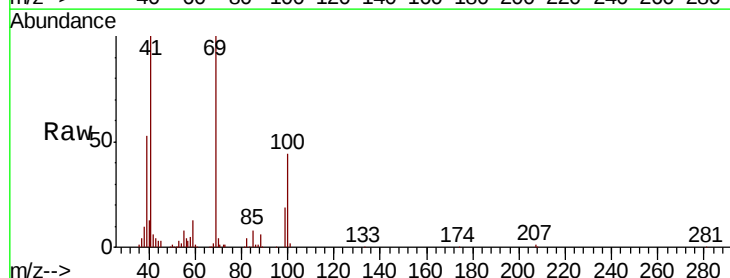
Tgt Ion: 41 Resp: 53363

Ion Ratio Lower Upper

41 100

69 92.7 73.3 109.9

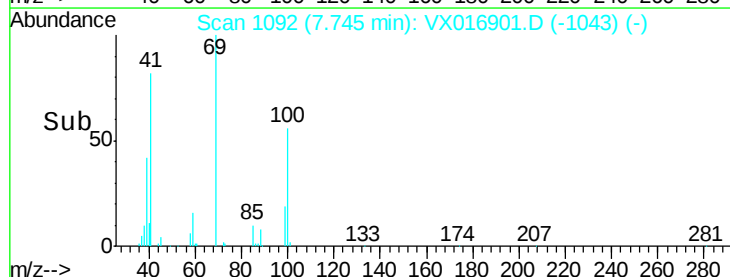
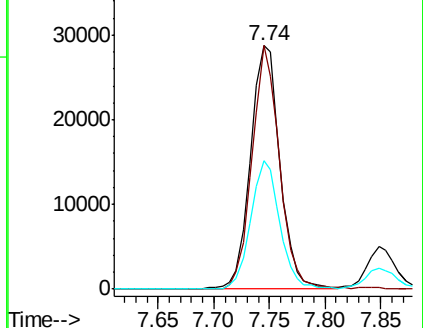
39 51.8 42.4 63.6

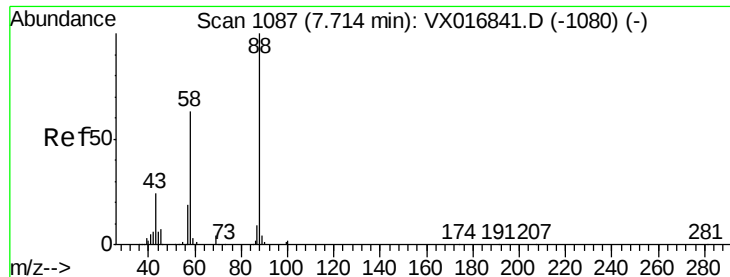


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 375.010 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

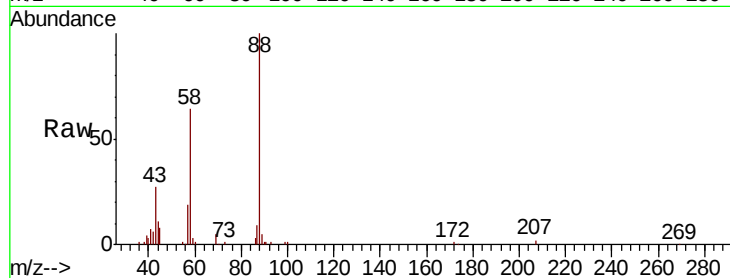
Tot Ion: 88 Resp: 25437

Ion Ratio Lower Upper

88 100

43 28.2 22.7 34.1

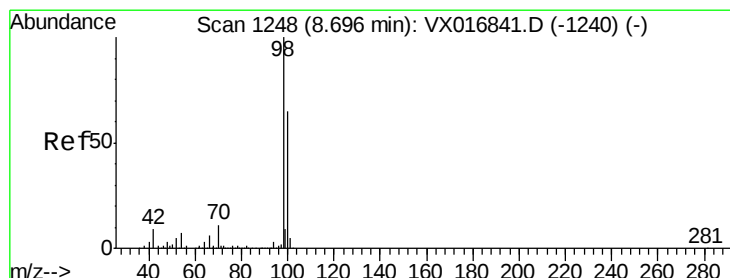
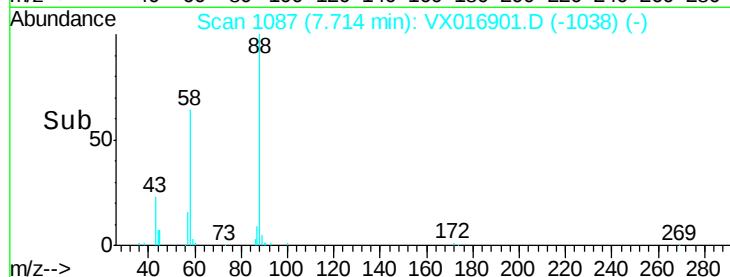
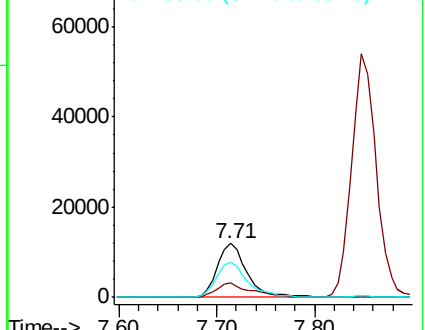
58 67.2 53.1 79.7



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: 39.177 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016901.D

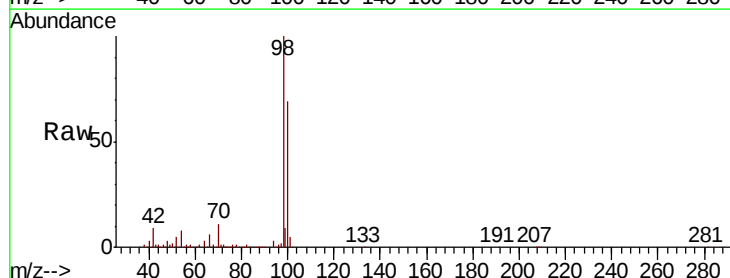
Acq: 20 Jun 2020 02:29

Tgt Ion: 98 Resp: 452898

Ion Ratio Lower Upper

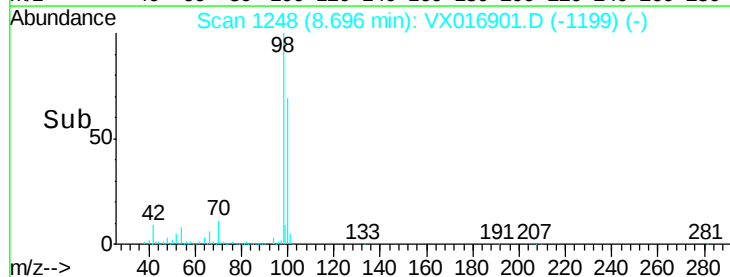
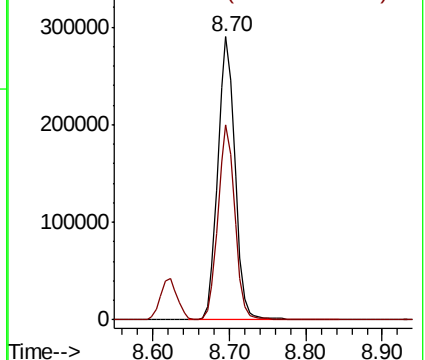
98 100

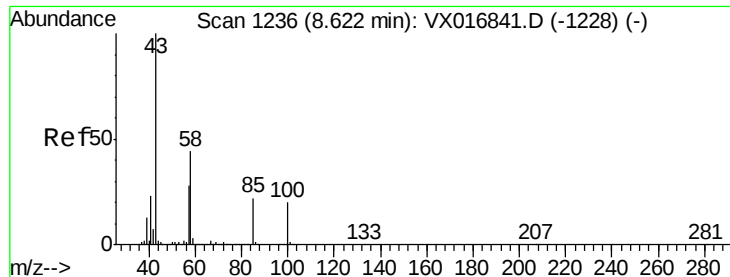
100 67.4 54.0 81.0



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: 88.713 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

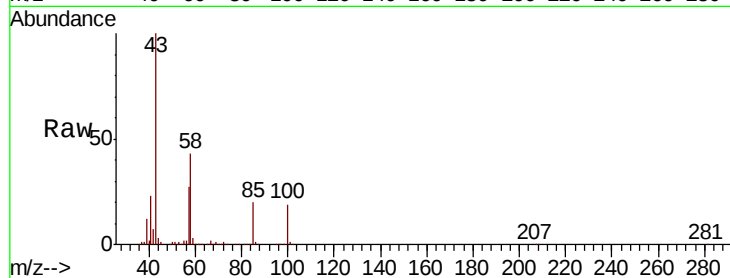
VX0619WBS02

Tot Ion: 43 Resp: 343351

Ion Ratio Lower Upper

43 100

58 43.0 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

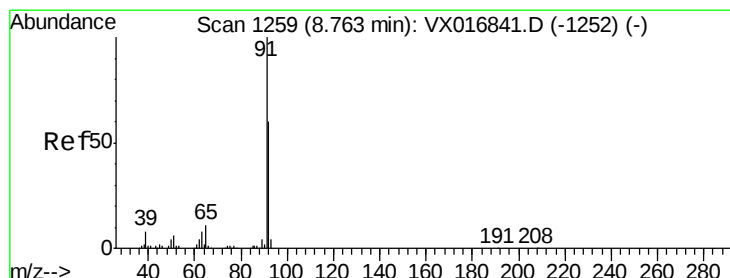
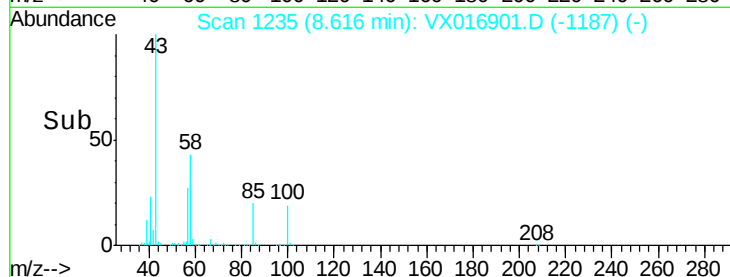
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 15.626 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016901.D

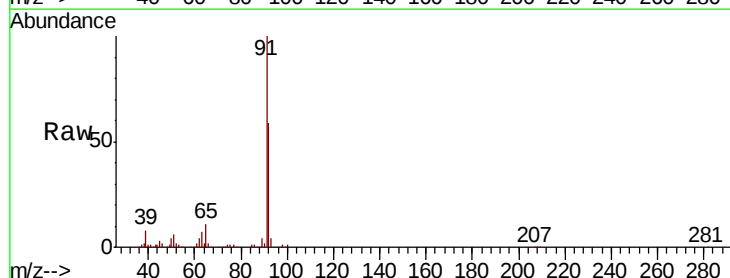
Acq: 20 Jun 2020 02:29

Tgt Ion: 92 Resp: 129722

Ion Ratio Lower Upper

92 100

91 166.8 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

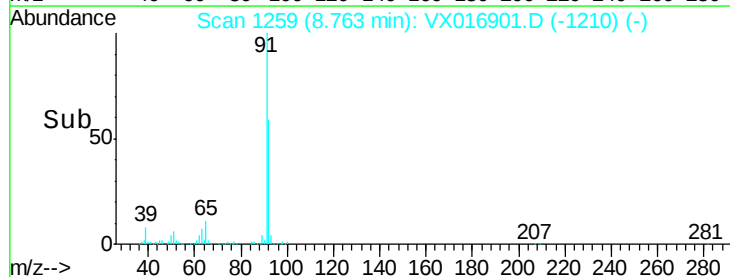
150000

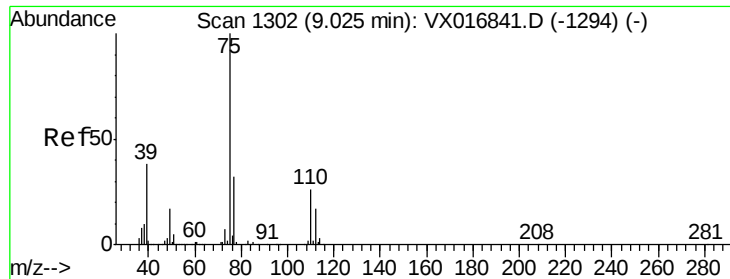
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.414 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

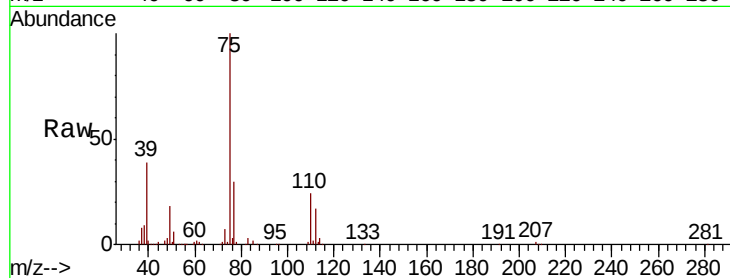
VX0619WBS02

Tot Ion: 75 Resp: 81876

Ion Ratio Lower Upper

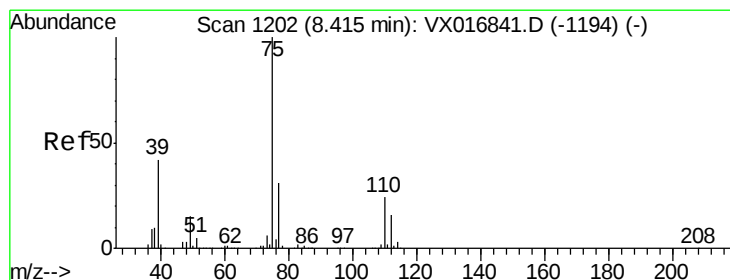
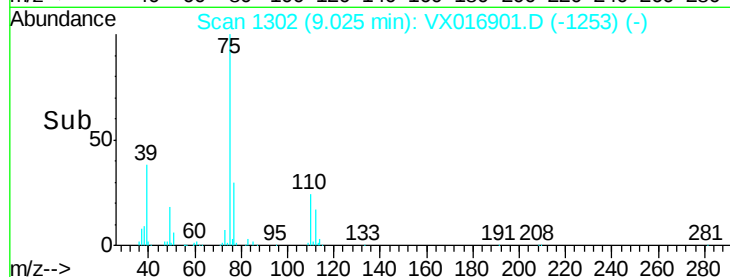
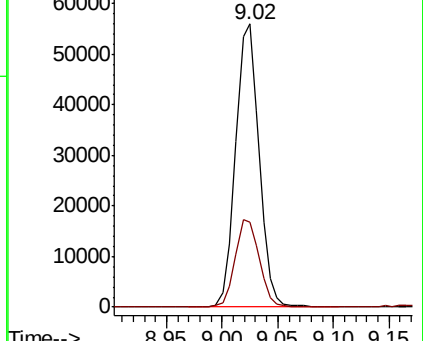
75 100

77 30.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.254 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

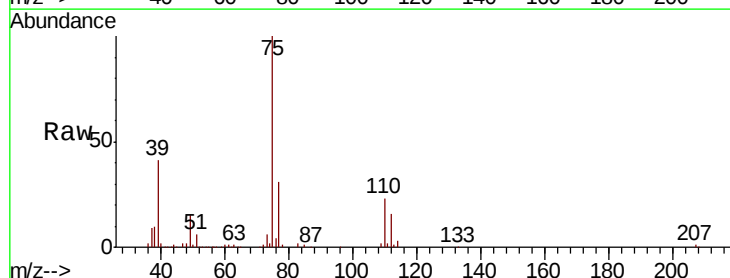
Tgt Ion: 75 Resp: 86741

Ion Ratio Lower Upper

75 100

77 30.7 24.9 37.3

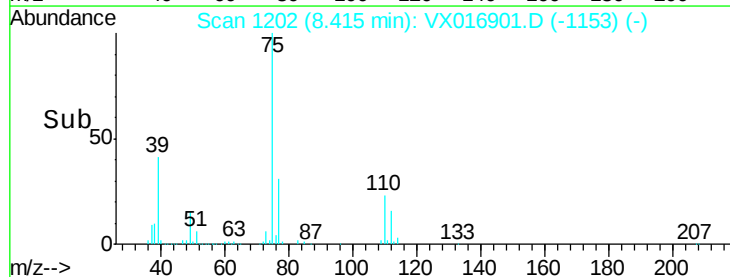
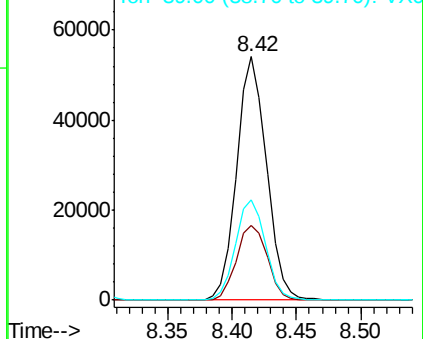
39 41.1 33.4 50.0

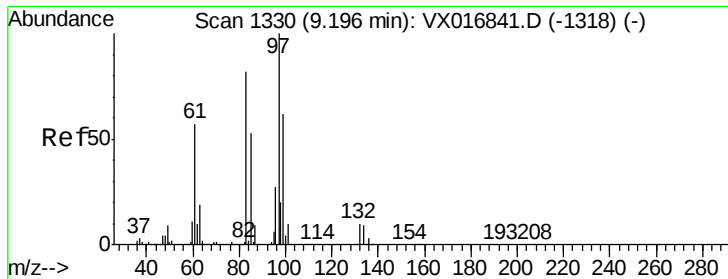


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

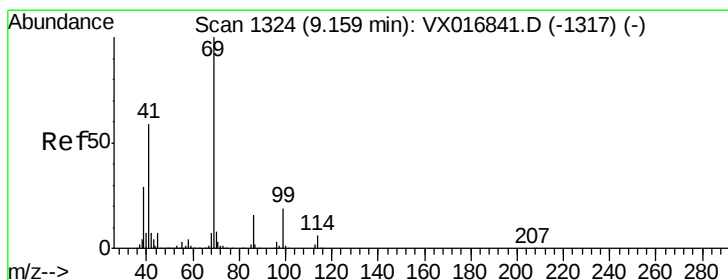
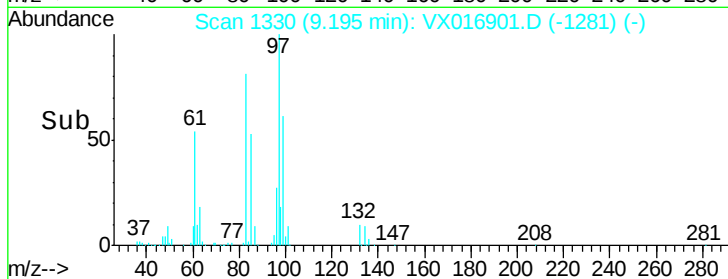
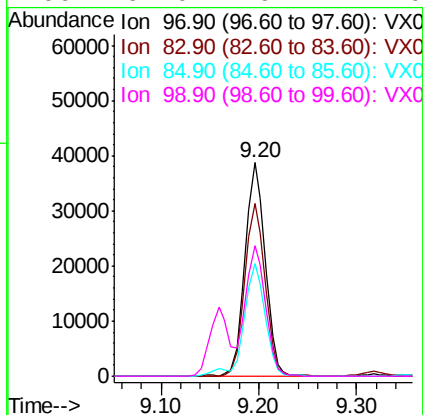
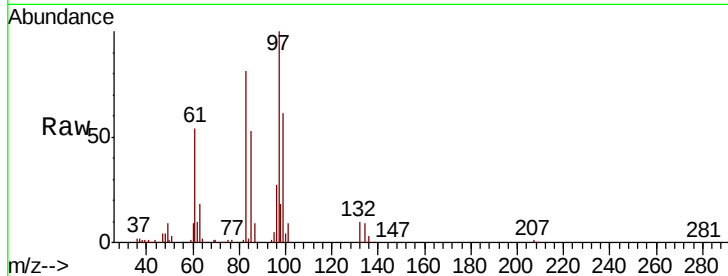




#55
 1,1,2-Trichloroethane
 Concen: 17.856 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

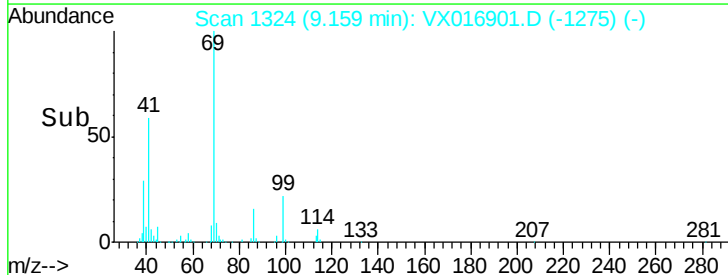
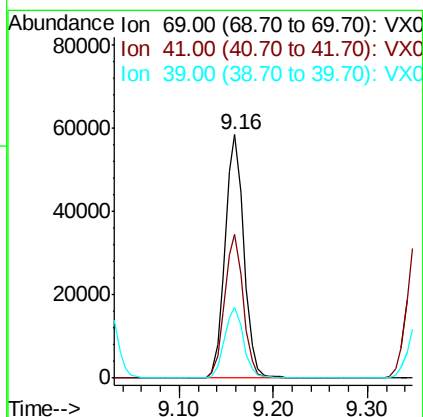
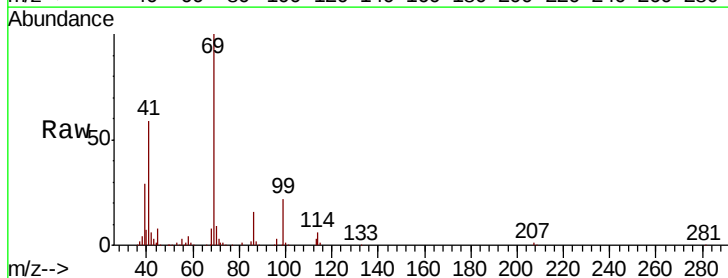
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

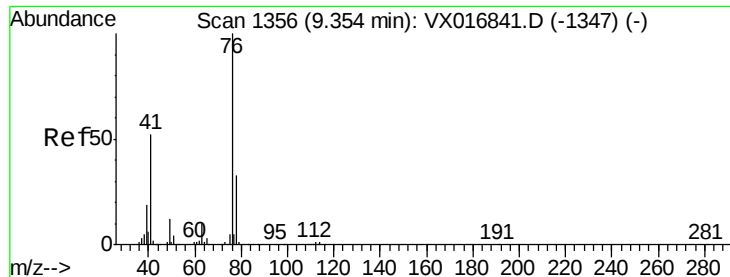
Tot Ion:	97	Resp:	55967
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.5	98.3
85	53.0	42.6	63.8
99	61.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 17.842 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion:	69	Resp:	80957
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.9	71.9
39	29.5	24.2	36.4





#57

1,3-Dichloropropane

Concen: 17.354 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

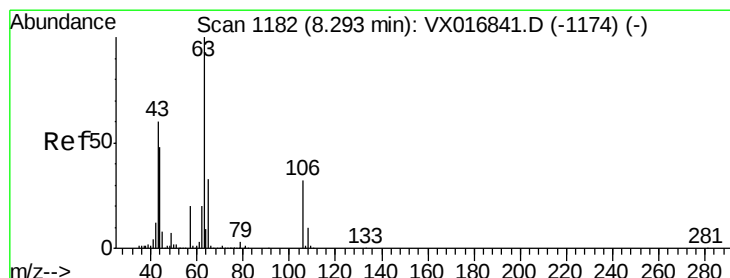
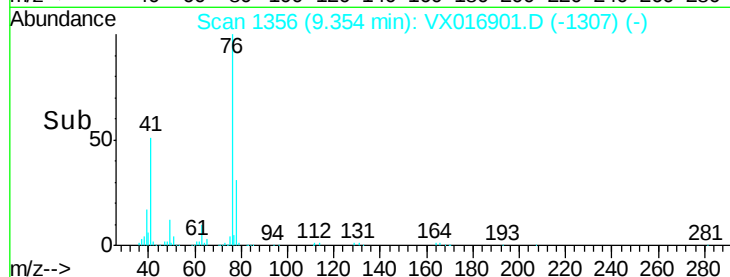
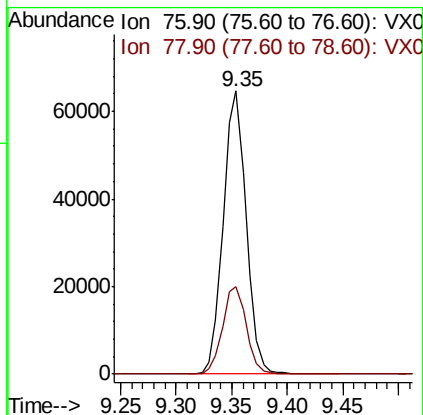
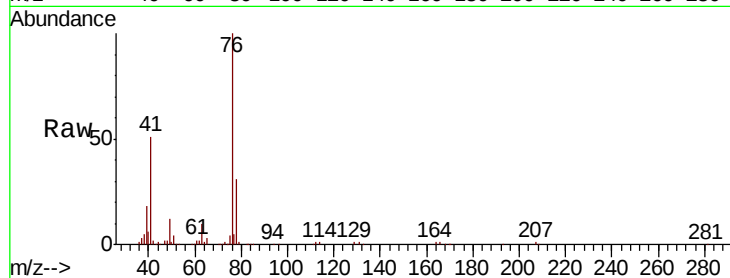
VX0619WBS02

Tot Ion: 76 Resp: 92211

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.368 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016901.D

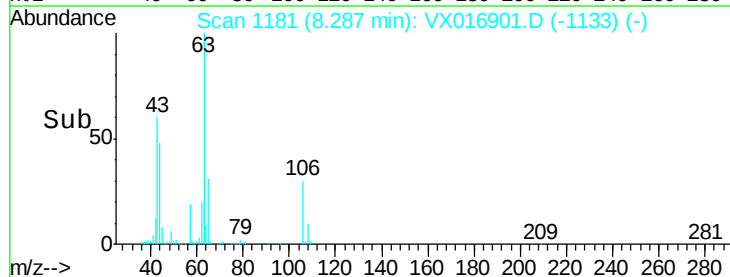
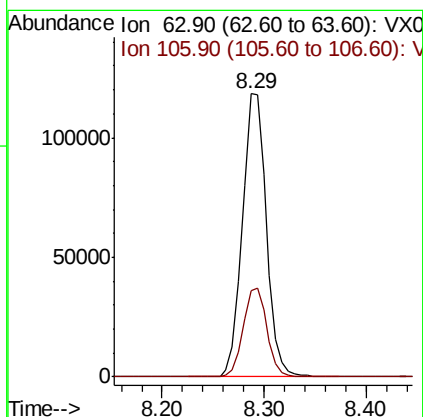
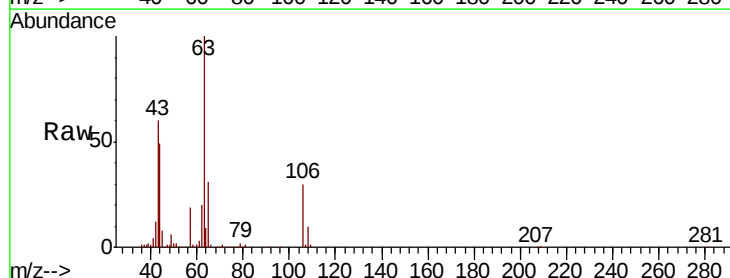
Acq: 20 Jun 2020 02:29

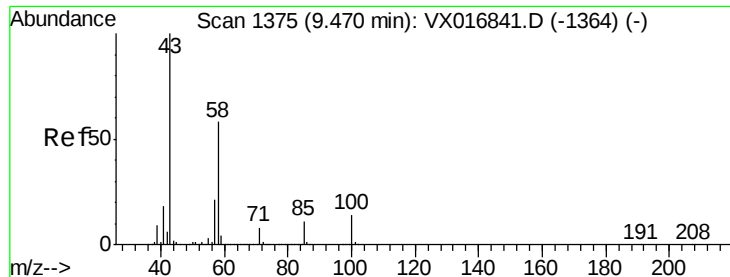
Tgt Ion: 63 Resp: 192910

Ion Ratio Lower Upper

63 100

106 31.2 25.8 38.6

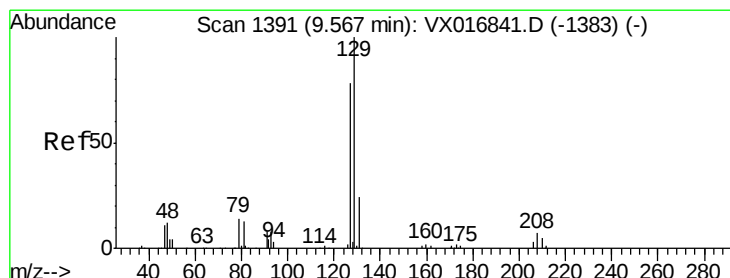
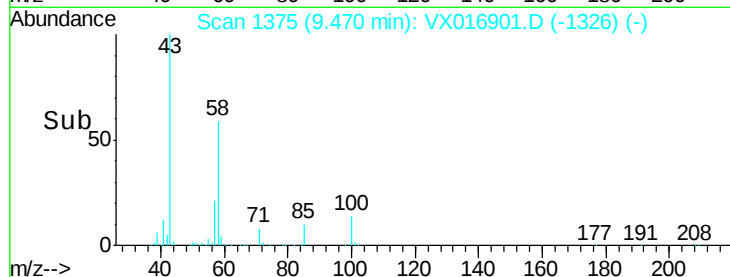
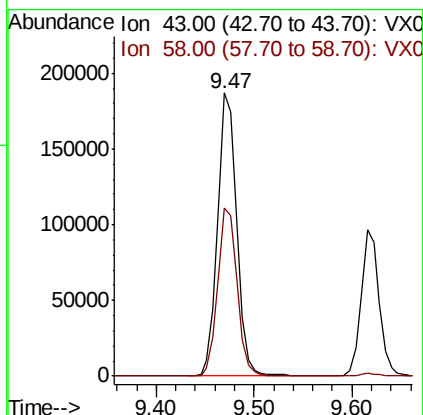
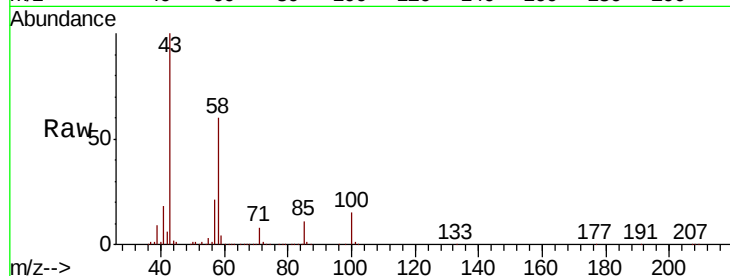




#59
2-Hexanone
Concen: 90.951 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

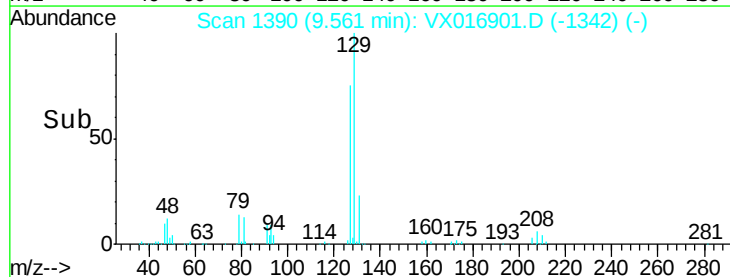
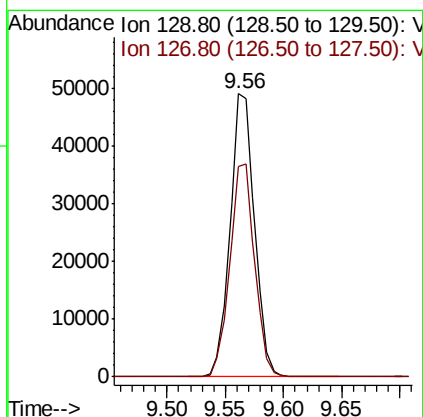
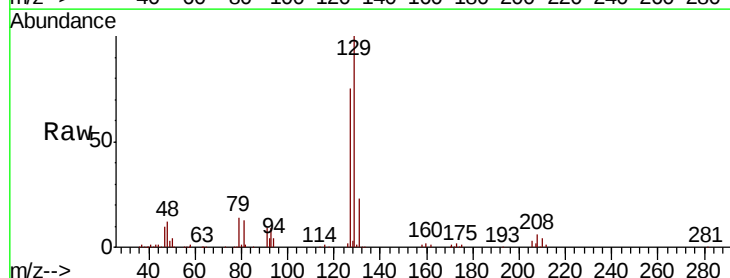
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

Tot Ion: 43 Resp: 254916
Ion Ratio Lower Upper
43 100
58 60.3 29.8 89.4



#60
Dibromochloromethane
Concen: 19.108 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion: 129 Resp: 71848
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

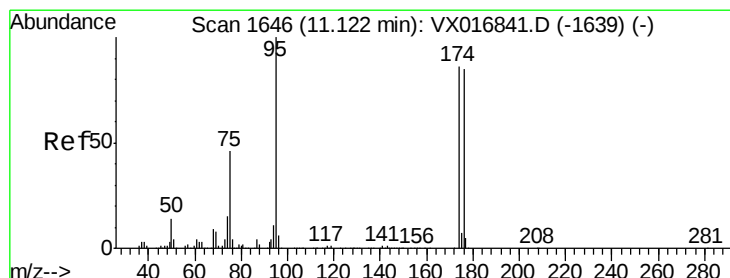
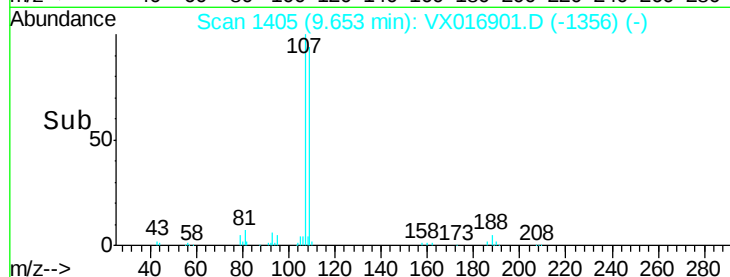
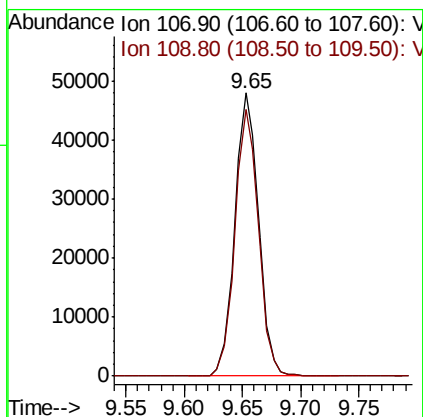
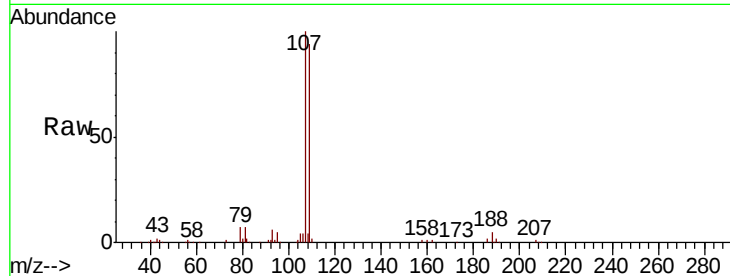




#61
 1,2-Dibromoethane
 Concen: 20.032 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

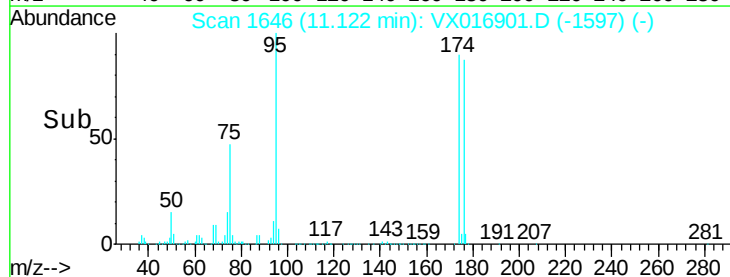
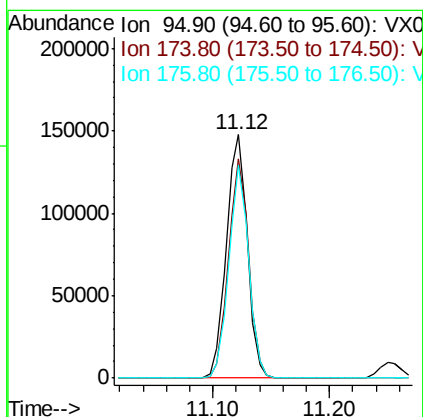
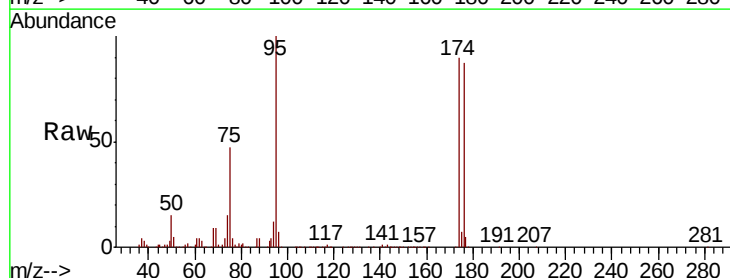
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

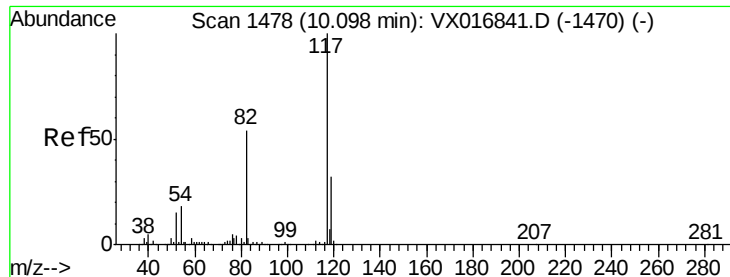
Tot Ion:107 Resp: 68138
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 41.477 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion: 95 Resp: 183711
 Ion Ratio Lower Upper
 95 100
 174 87.1 0.0 174.2
 176 83.4 0.0 170.0

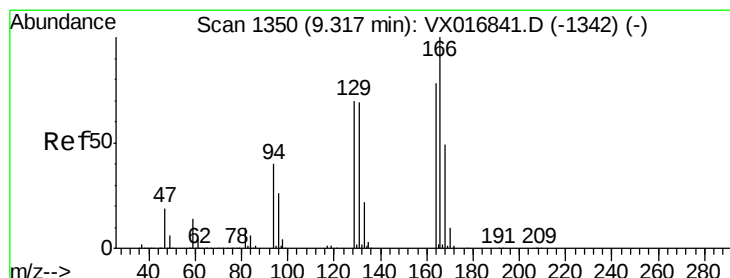
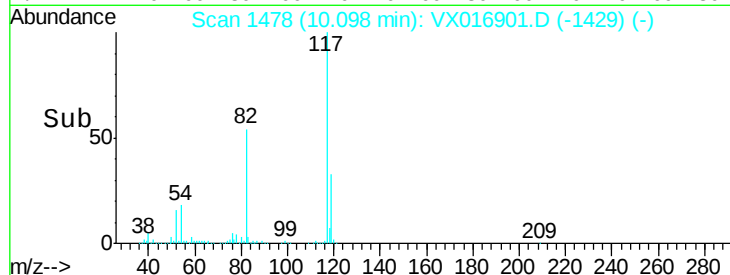
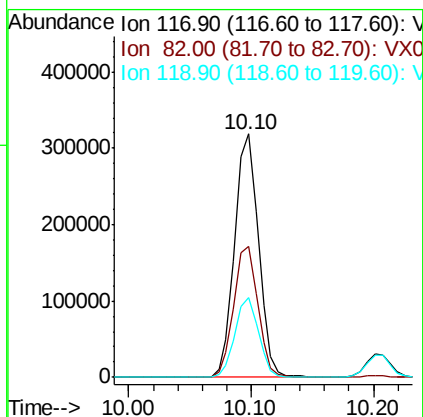
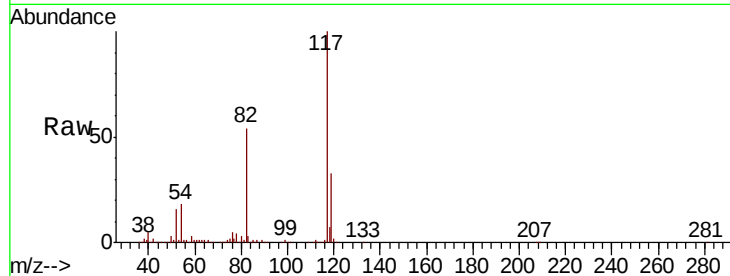




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

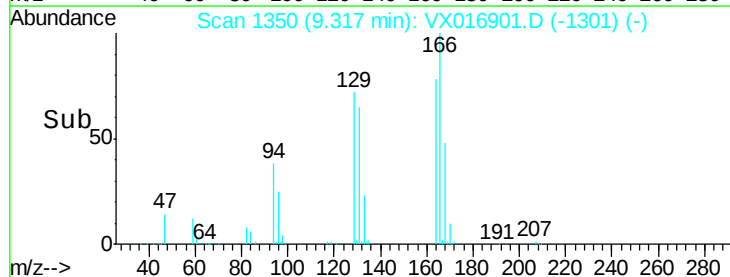
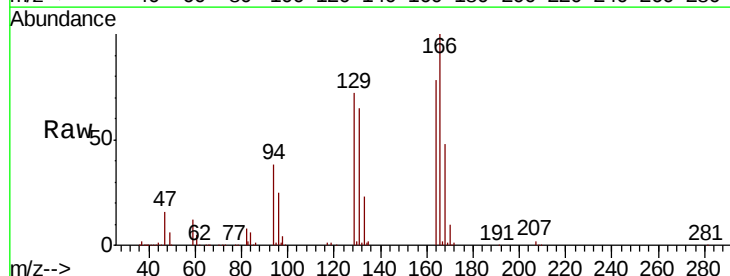
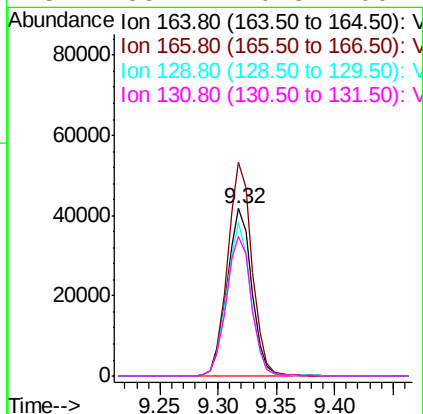
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

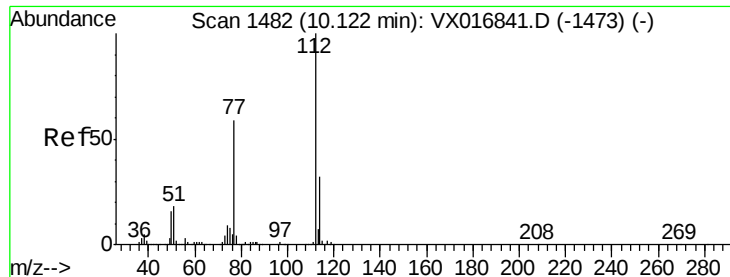
Tot Ion:117 Resp: 430178
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 15.501 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion:164 Resp: 61747
Ion Ratio Lower Upper
164 100
166 127.4 102.6 153.8
129 91.5 72.2 108.2
131 83.2 70.8 106.2

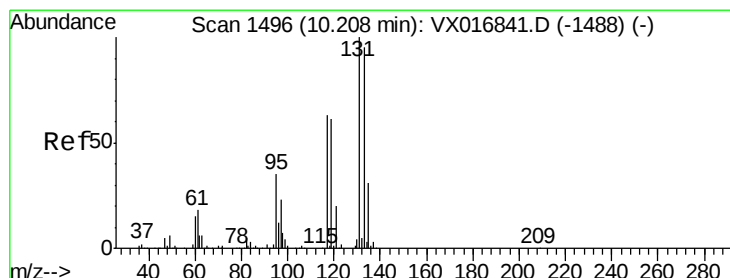
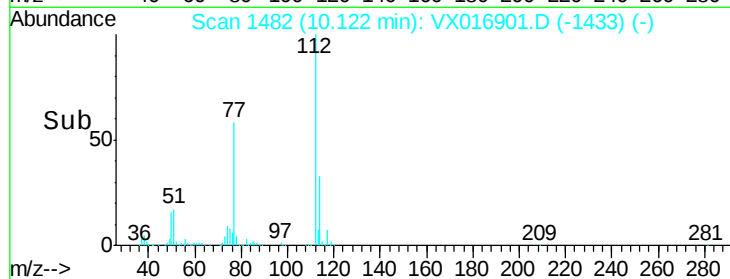
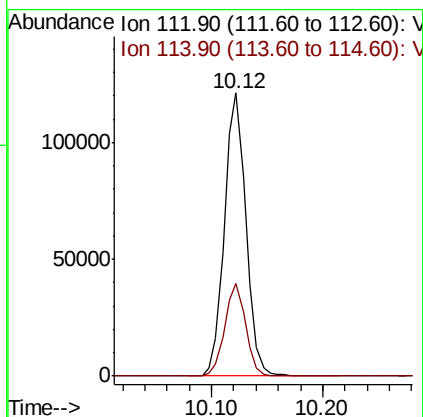
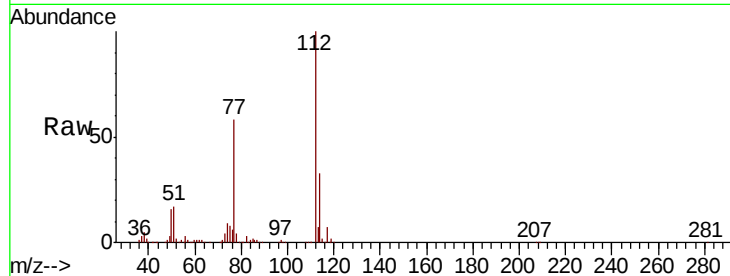




#65
Chlorobenzene
Concen: 18.589 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

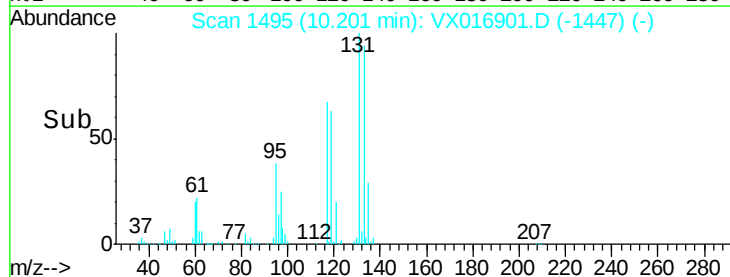
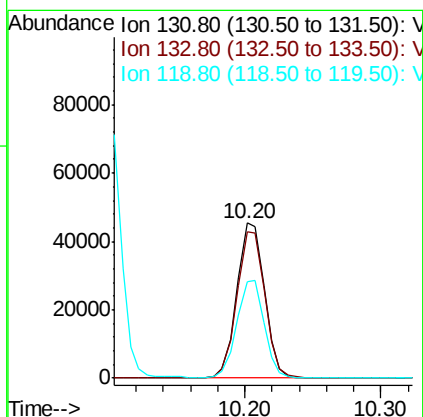
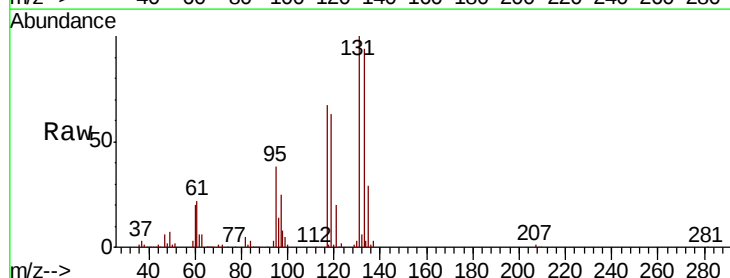
Instrument :
MSVOA_X
ClientSampled :
VX0619WBS02

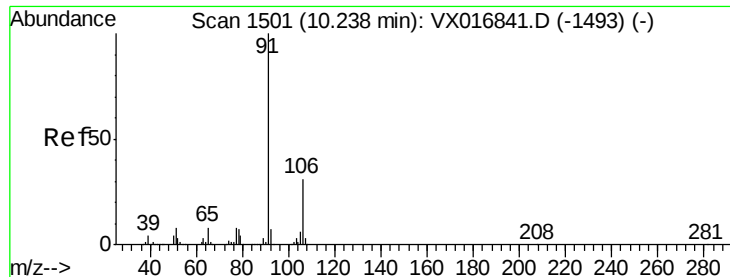
Tot Ion:112 Resp: 161929
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.034 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion:131 Resp: 64261
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 63.2 30.8 92.4





#67

Ethyl Benzene

Concen: 18.707 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

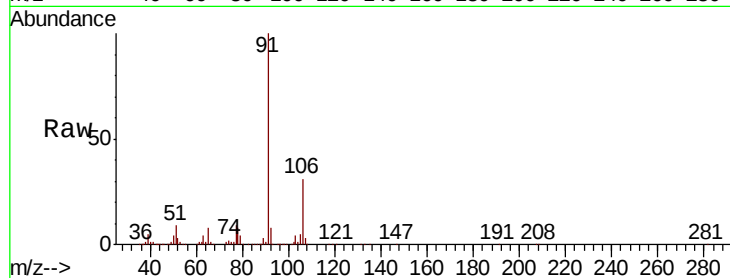
VX0619WBS02

Tot Ion: 91 Resp: 274941

Ion Ratio Lower Upper

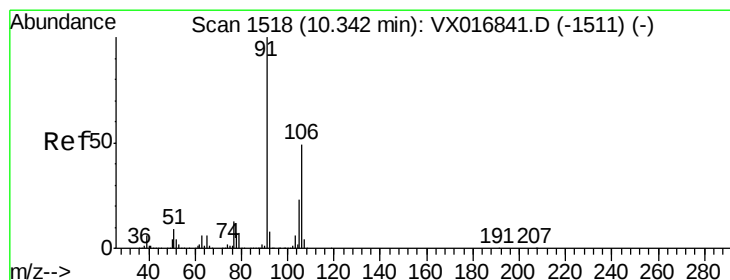
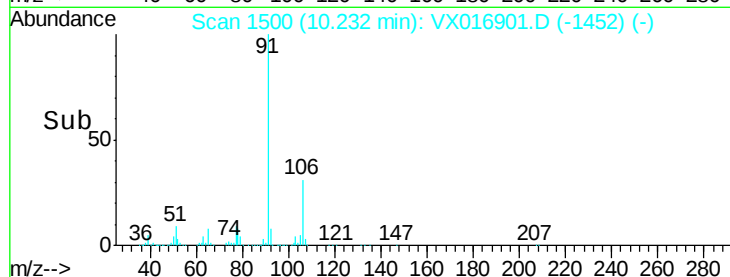
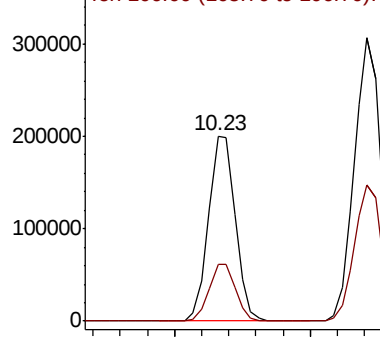
91 100

106 31.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.859 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016901.D

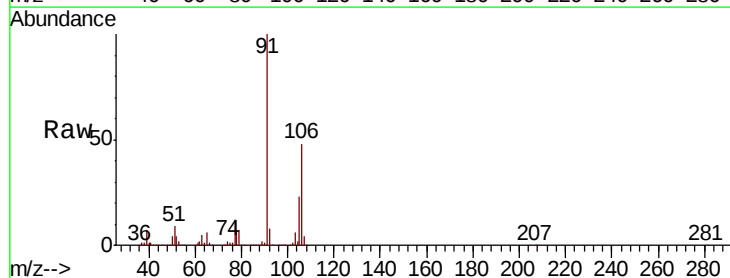
Acq: 20 Jun 2020 02:29

Tgt Ion: 106 Resp: 205089

Ion Ratio Lower Upper

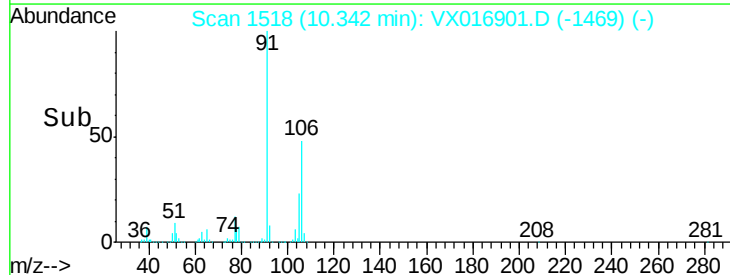
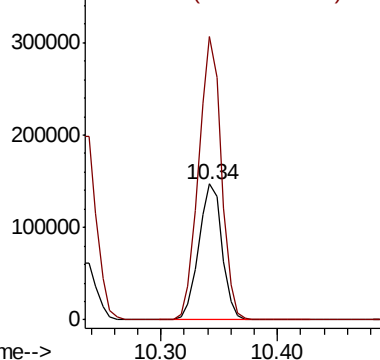
106 100

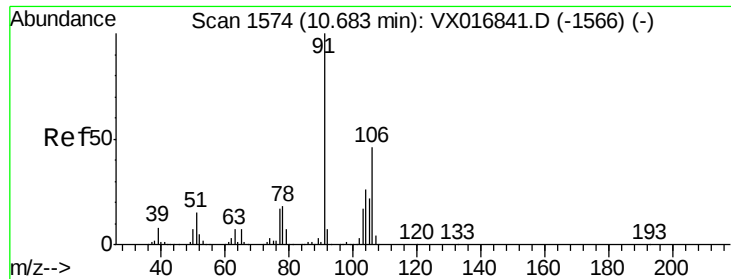
91 202.9 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

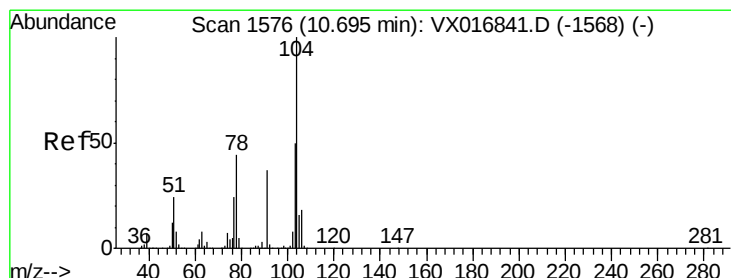
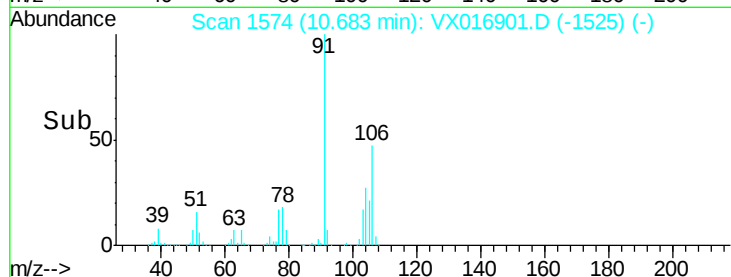
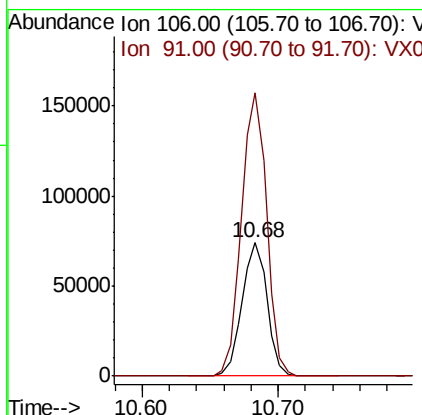
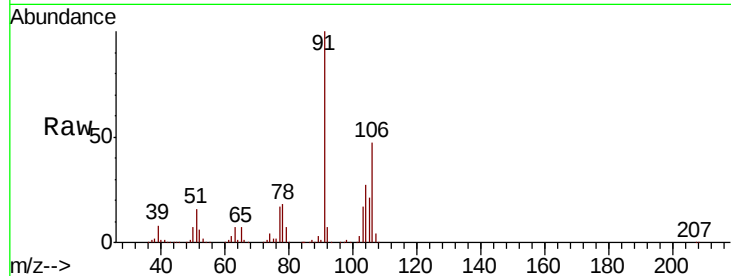




#69
o-Xylene
Concen: 18.007 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

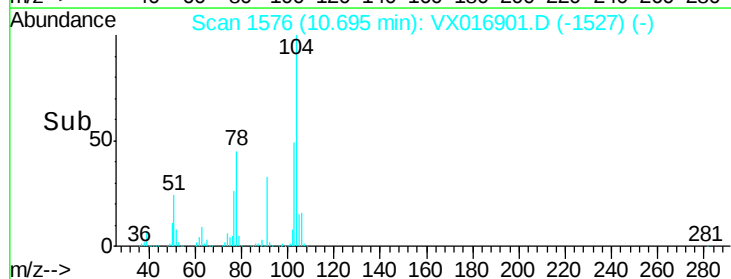
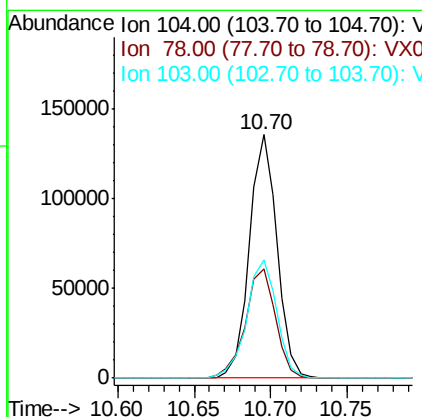
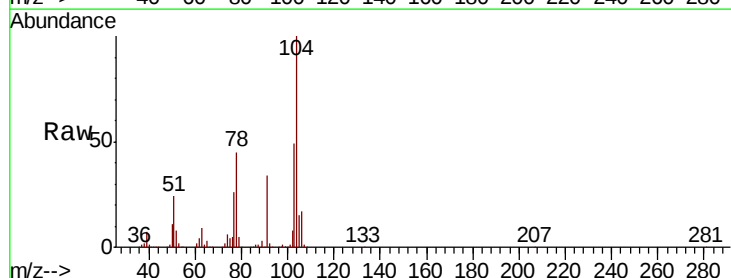
Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS02

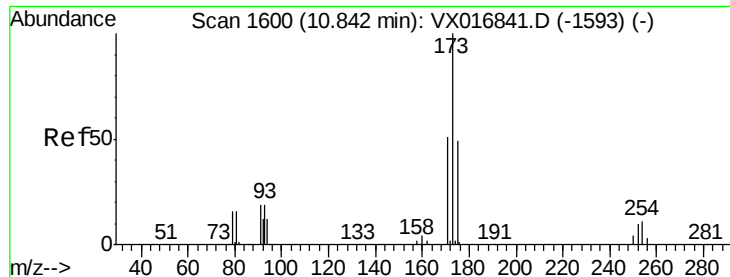
Tot Ion:106 Resp: 95227
Ion Ratio Lower Upper
106 100
91 214.0 107.9 323.7



#70
Styrene
Concen: 18.924 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016901.D
Acq: 20 Jun 2020 02:29

Tgt Ion:104 Resp: 170045
Ion Ratio Lower Upper
104 100
78 49.2 39.6 59.4
103 53.1 43.3 64.9





#71

Bromoform

Concen: 17.900 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

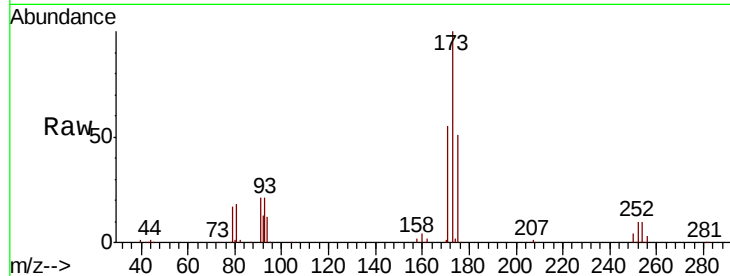
Tot Ion:173 Resp: 50807

Ion Ratio Lower Upper

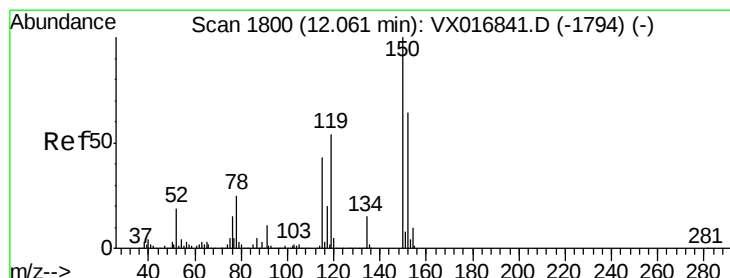
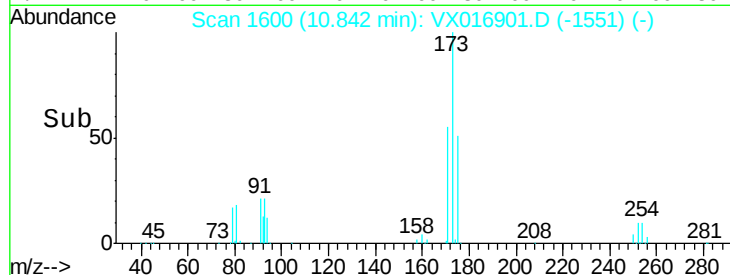
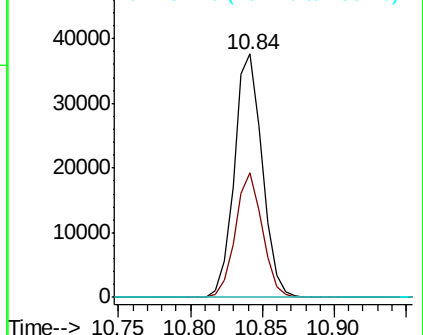
173 100

175 49.5 24.3 73.0

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: VX016901.D

Acq: 20 Jun 2020 02:29

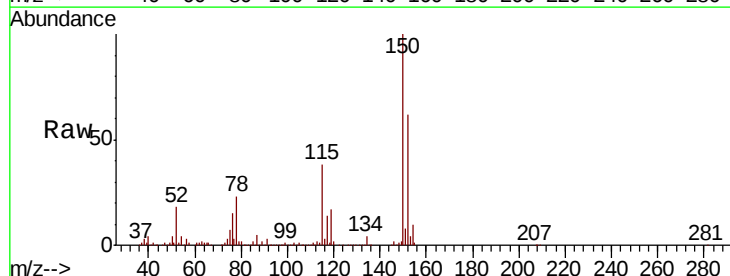
Tgt Ion:152 Resp: 187402

Ion Ratio Lower Upper

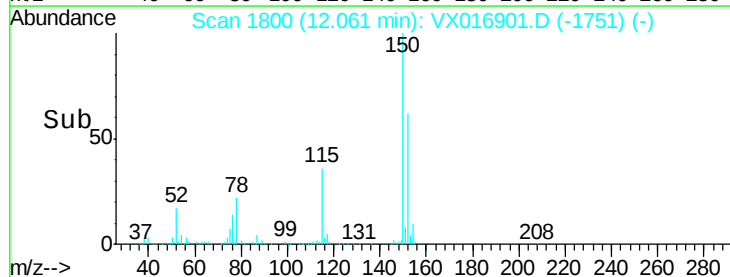
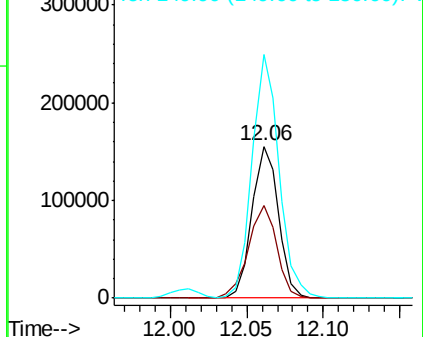
152 100

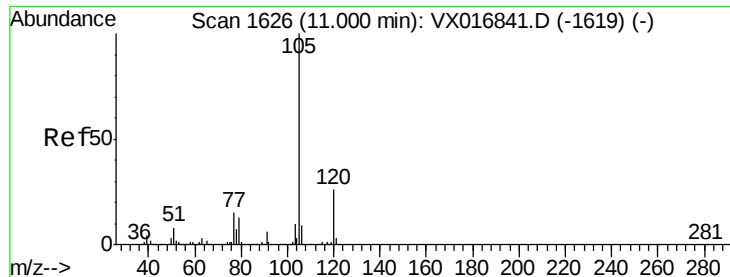
115 65.6 40.9 122.8

150 164.0 0.0 344.2



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: 19.523 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

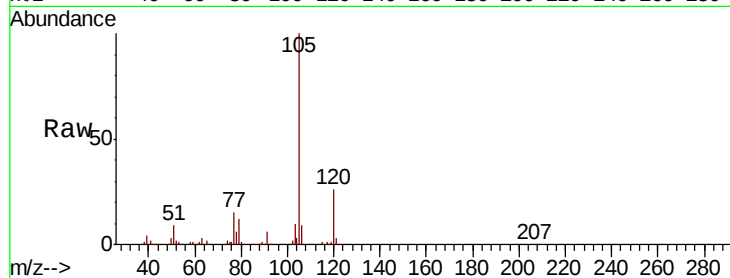
VX0619WBS02

Tot Ion:105 Resp: 235563

Ion Ratio Lower Upper

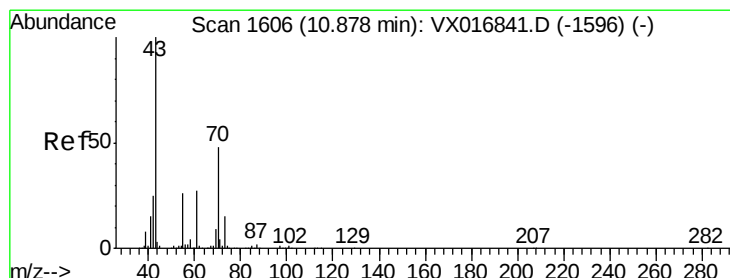
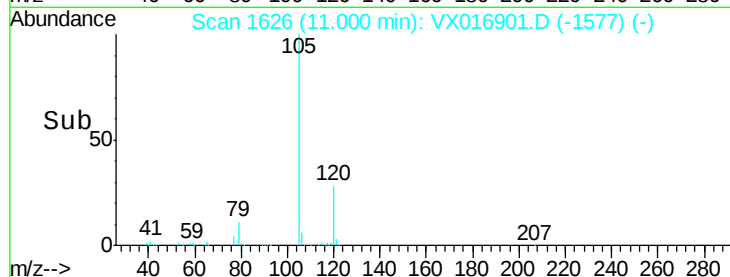
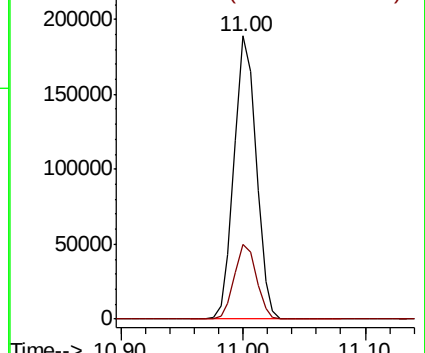
105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.206 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion: 43 Resp: 101988

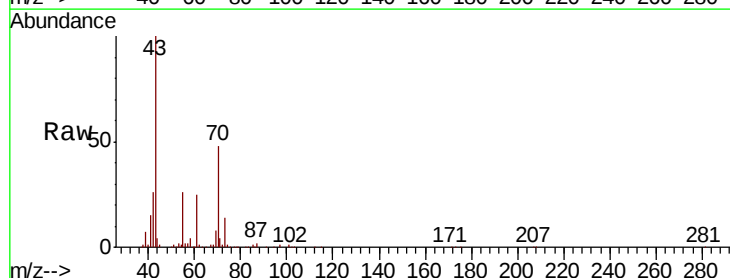
Ion Ratio Lower Upper

43 100

70 48.4 39.9 59.9

55 26.9 21.8 32.6

61 26.5 22.2 33.4

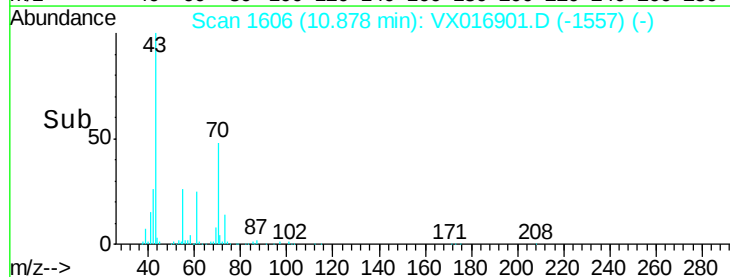
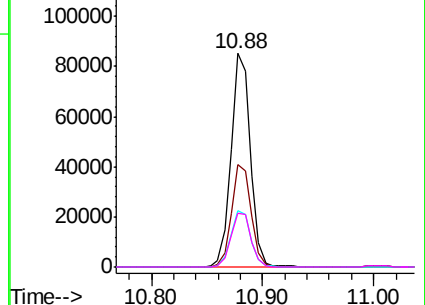


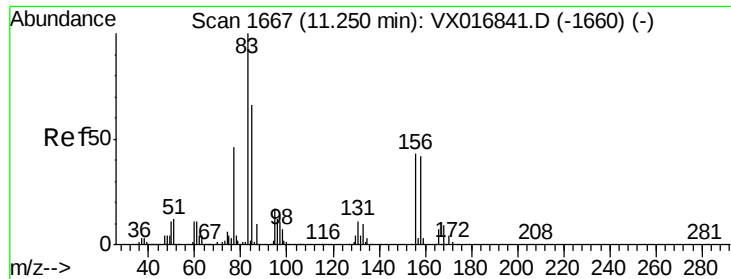
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.781 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

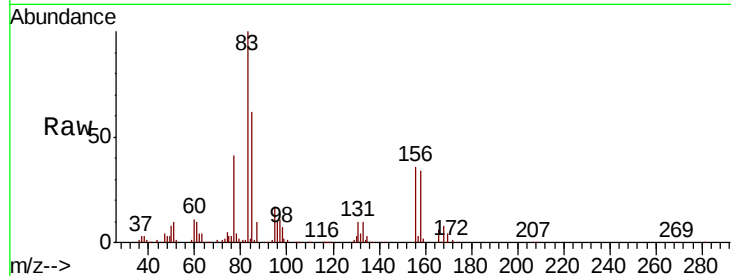
Tot Ion: 83 Resp: 74211

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

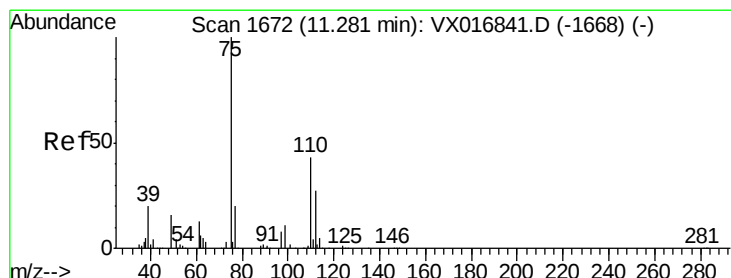
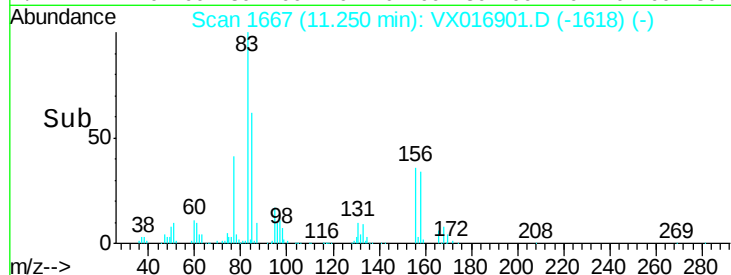
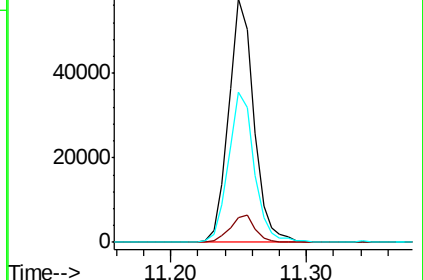
85 63.3 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.630 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016901.D

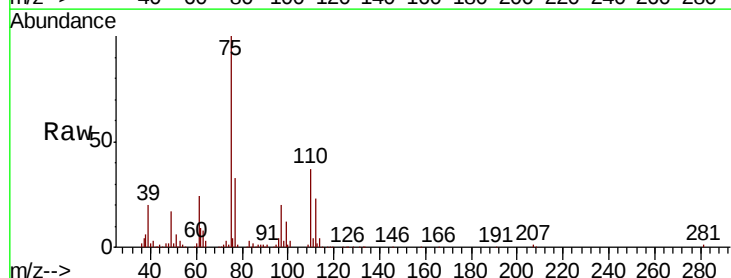
Acq: 20 Jun 2020 02:29

Tgt Ion: 75 Resp: 94565

Ion Ratio Lower Upper

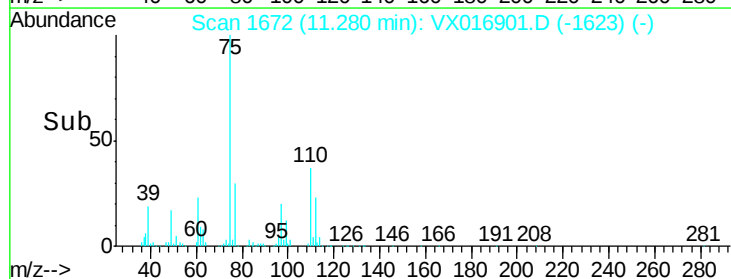
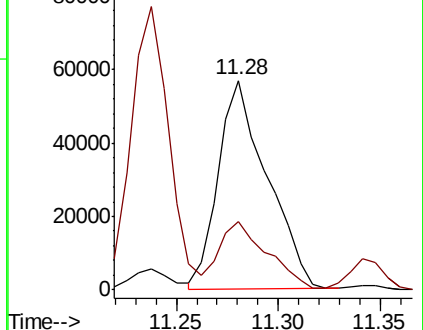
75 100

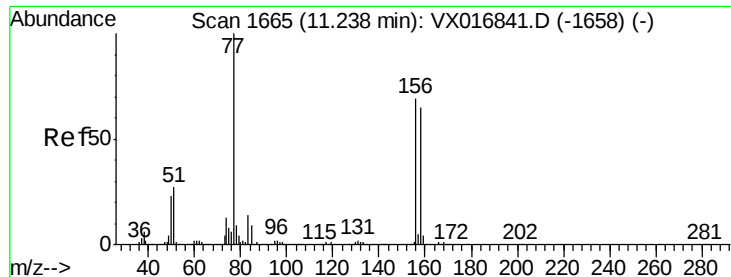
77 32.4 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.830 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

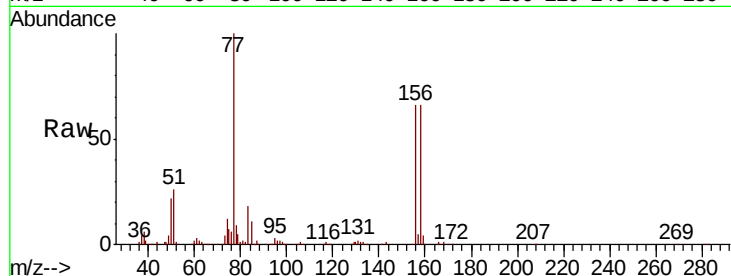
Tot Ion:156 Resp: 65255

Ion Ratio Lower Upper

156 100

77 152.7 73.4 220.2

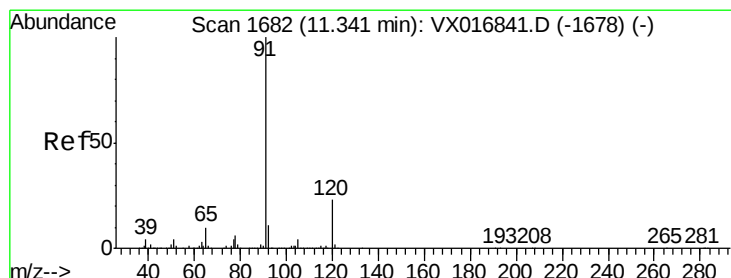
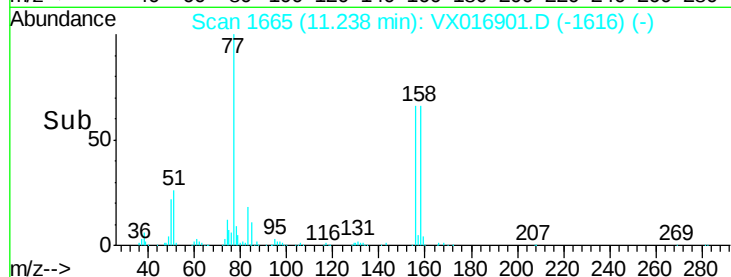
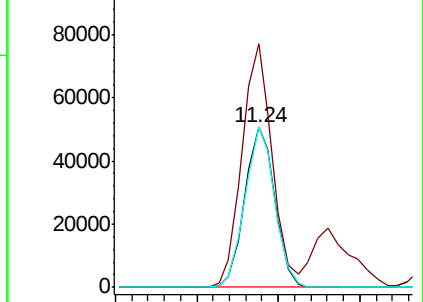
158 99.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.862 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016901.D

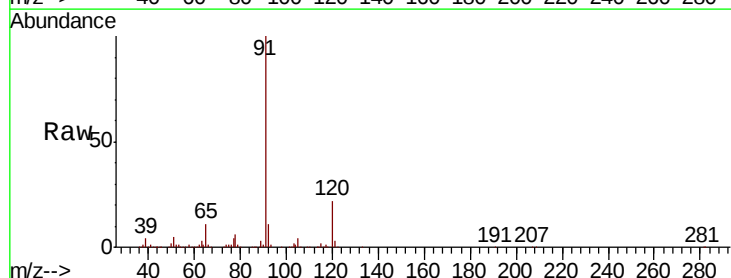
Acq: 20 Jun 2020 02:29

Tgt Ion: 91 Resp: 253999

Ion Ratio Lower Upper

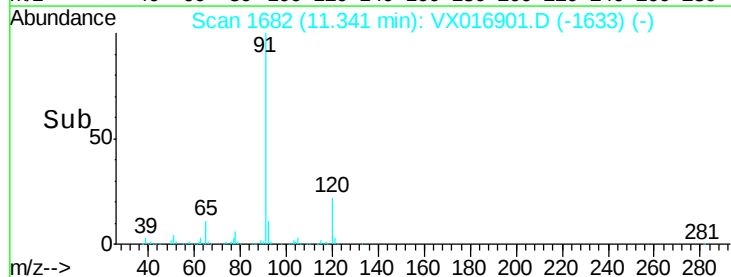
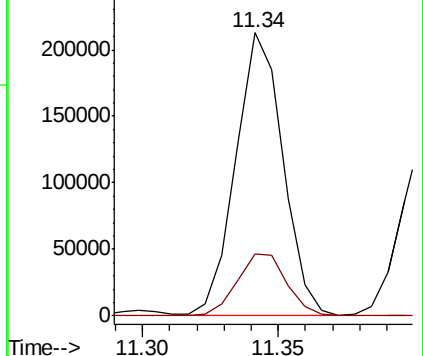
91 100

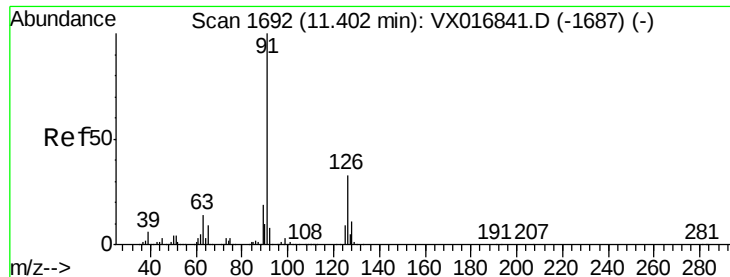
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.618 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

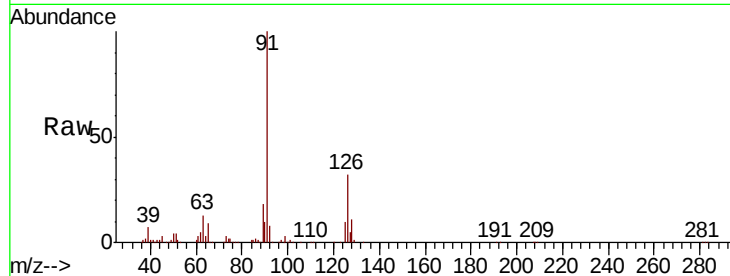
VX0619WBS02

Tot Ion: 91 Resp: 161629

Ion Ratio Lower Upper

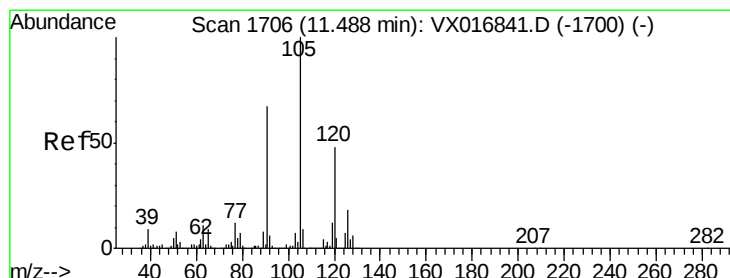
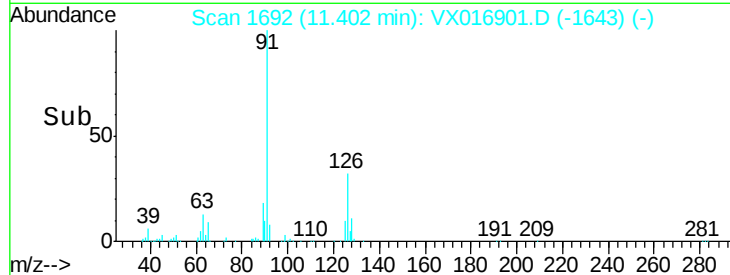
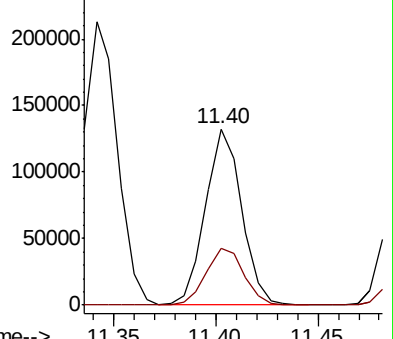
91 100

126 34.1 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016841.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.025 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016901.D

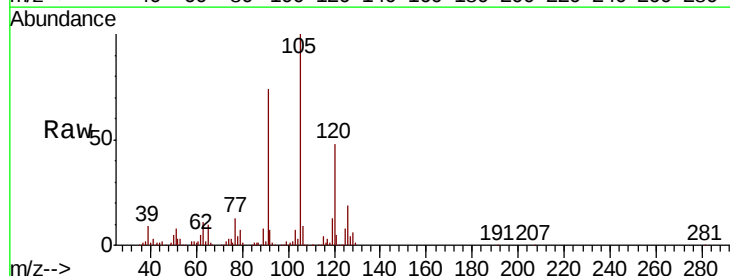
Acq: 20 Jun 2020 02:29

Tgt Ion: 105 Resp: 198055

Ion Ratio Lower Upper

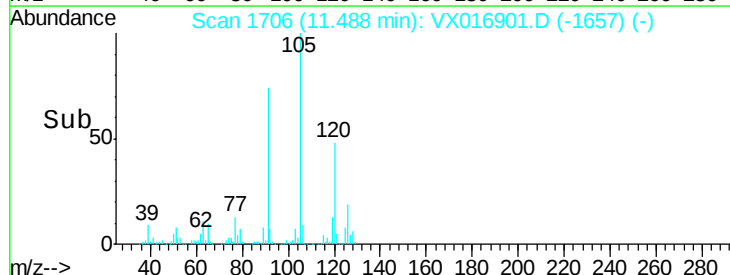
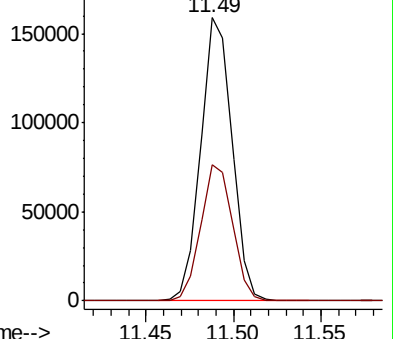
105 100

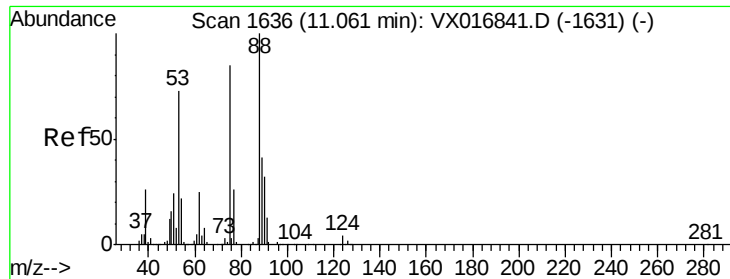
120 49.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016841.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016841.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.916 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

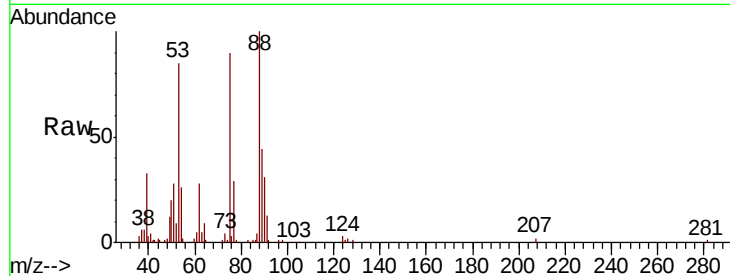
Tot Ion: 75 Resp: 26437

Ion Ratio Lower Upper

75 100

53 91.6 69.8 104.8

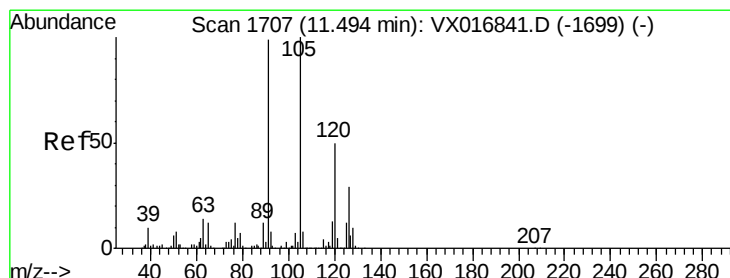
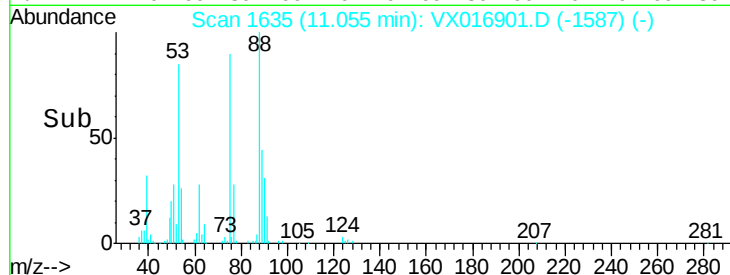
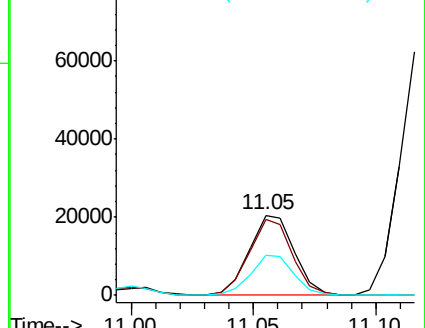
89 47.6 38.3 57.5



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: 19.417 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016901.D

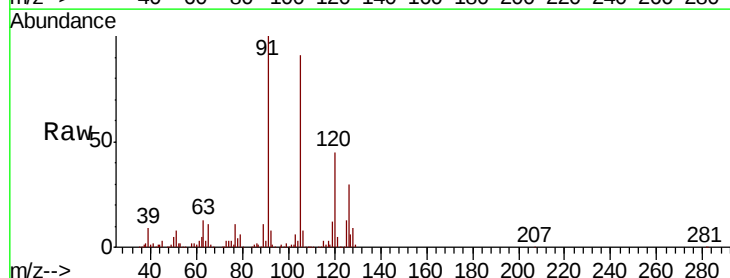
Acq: 20 Jun 2020 02:29

Tgt Ion: 91 Resp: 191920

Ion Ratio Lower Upper

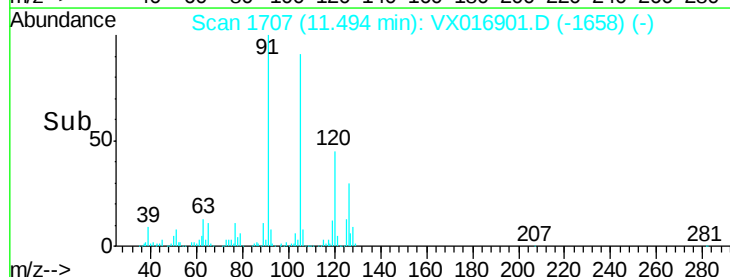
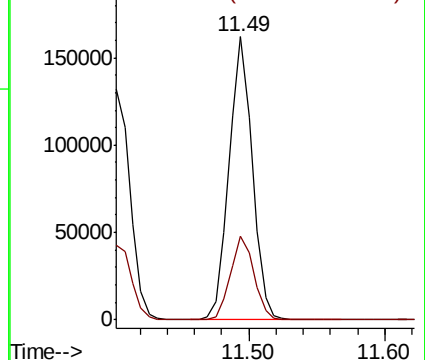
91 100

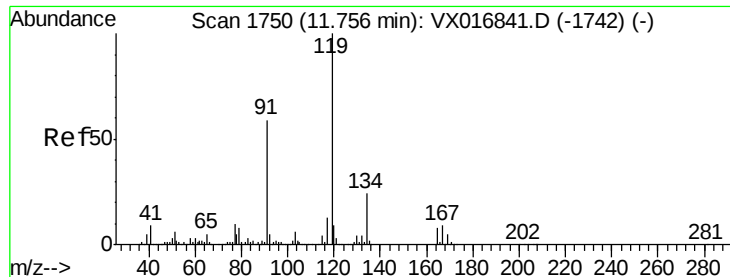
126 30.0 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.574 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampled :

VX0619WBS02

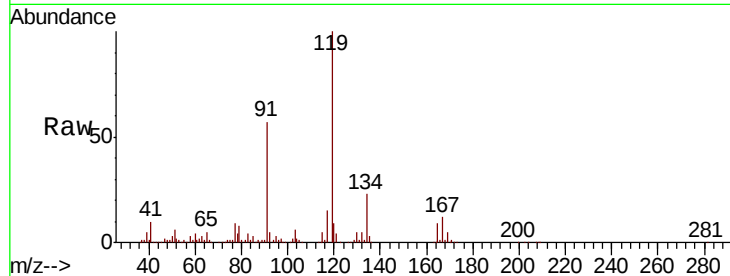
Tot Ion:119 Resp: 181017

Ion Ratio Lower Upper

119 100

91 56.4 28.5 85.5

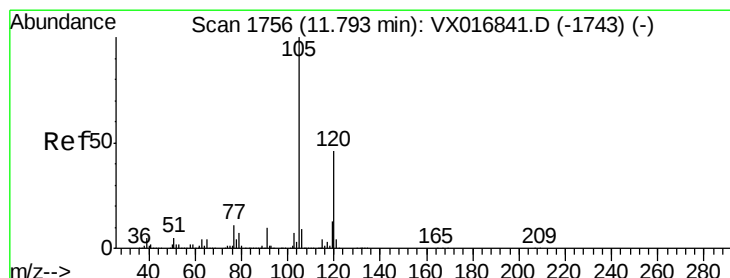
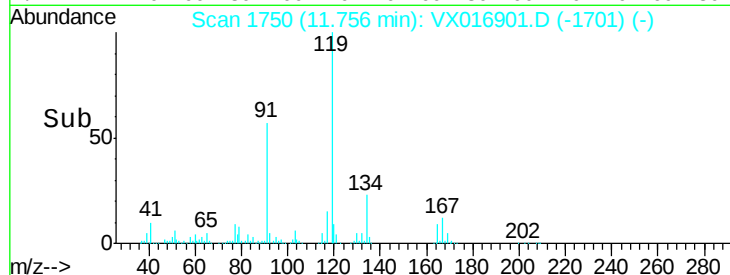
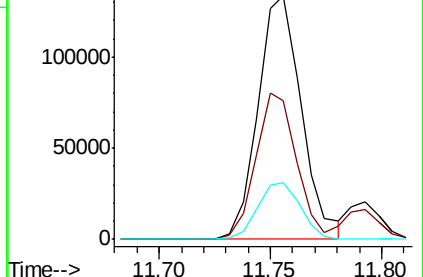
134 23.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.674 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016901.D

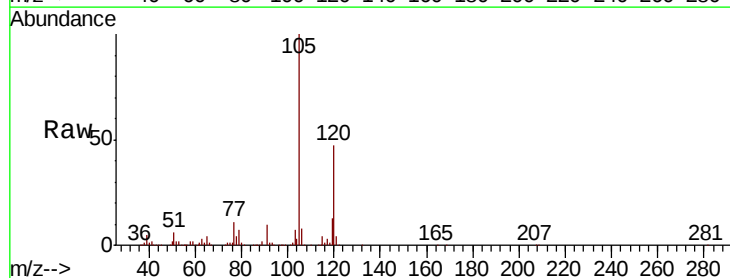
Acq: 20 Jun 2020 02:29

Tgt Ion:105 Resp: 200255

Ion Ratio Lower Upper

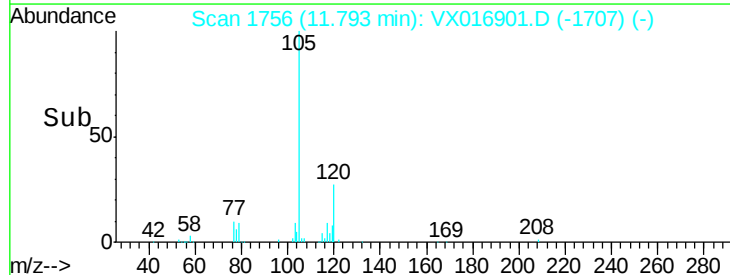
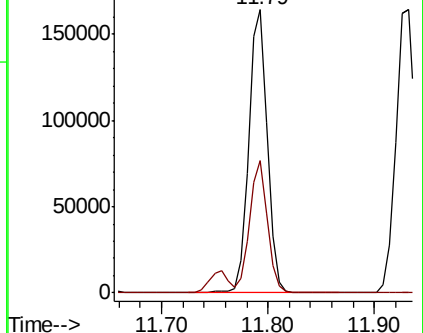
105 100

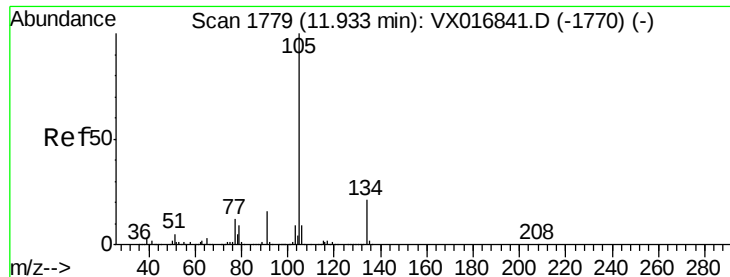
120 44.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

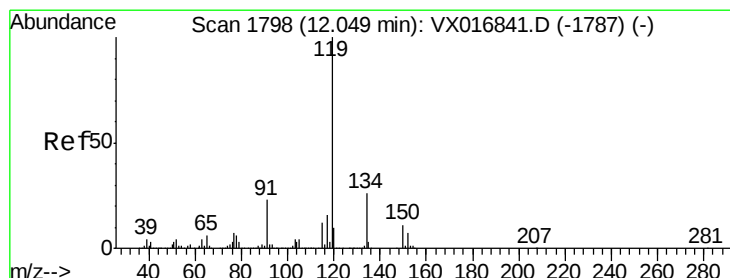
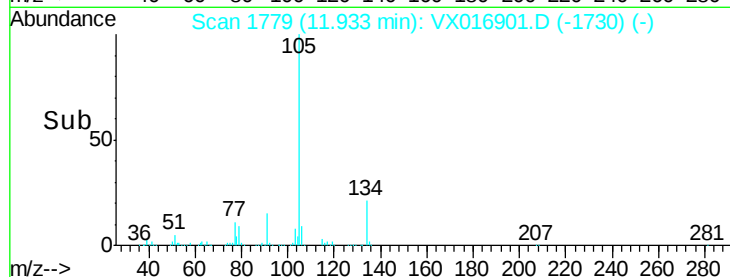
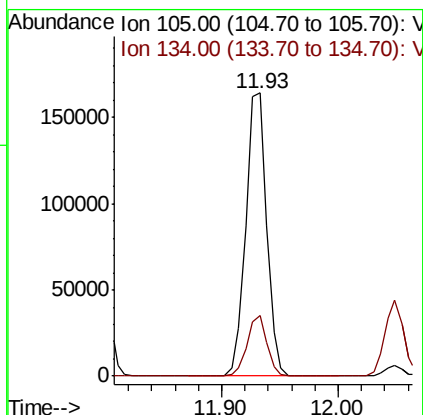
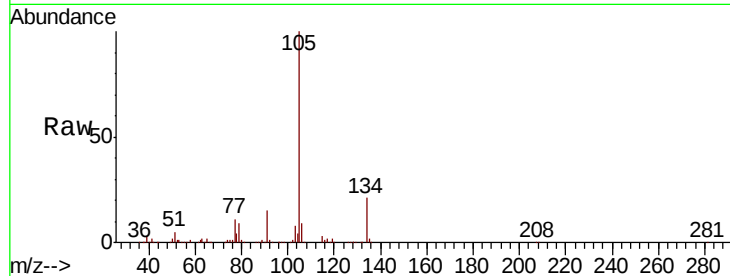




#85
 sec-Butylbenzene
 Concen: 17.288 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

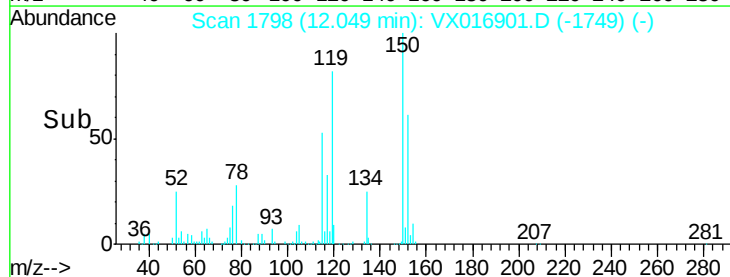
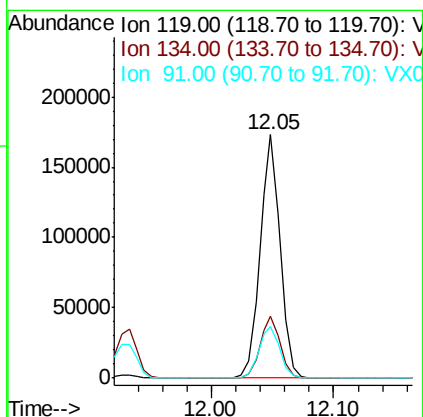
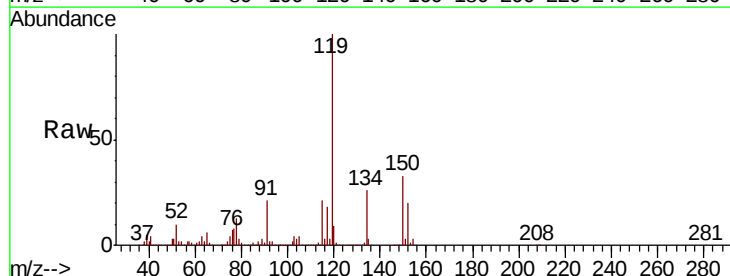
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

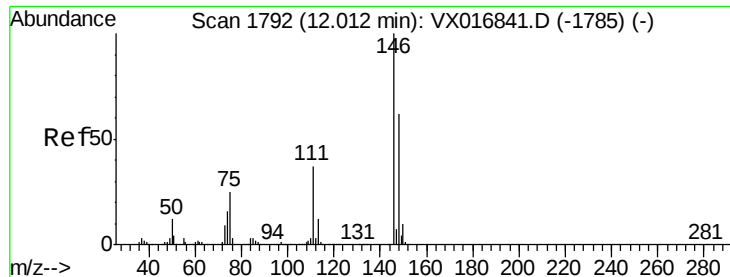
Tot Ion:105 Resp: 206818
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 18.016 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion:119 Resp: 197473
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 22.6 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 18.860 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

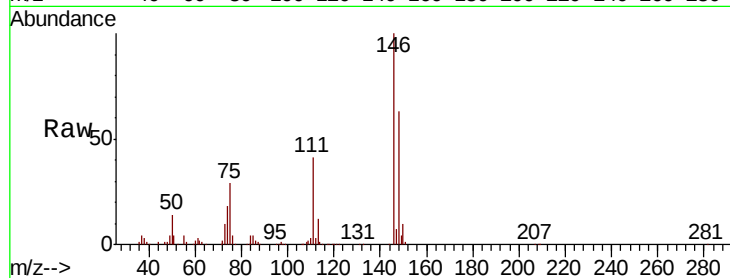
Tot Ion:146 Resp: 113387

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

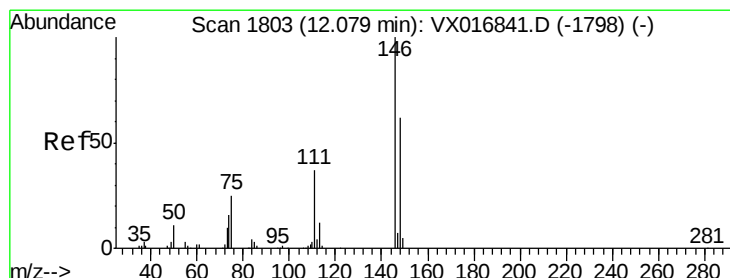
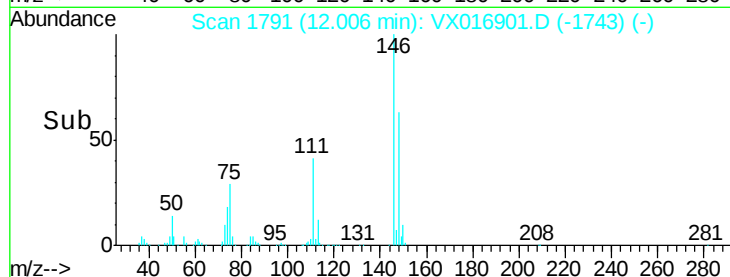
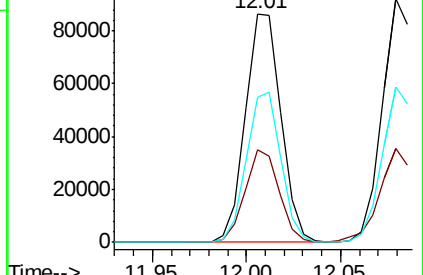
148 63.6 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 18.719 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

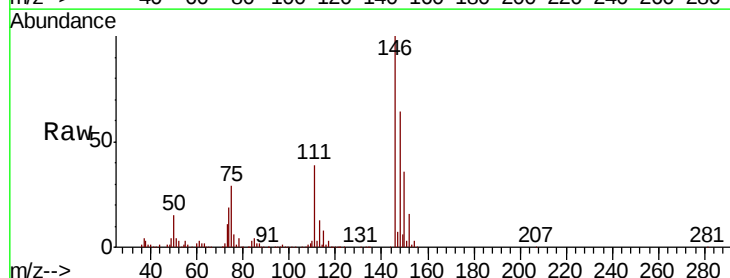
Tgt Ion:146 Resp: 113814

Ion Ratio Lower Upper

146 100

111 40.4 19.0 57.0

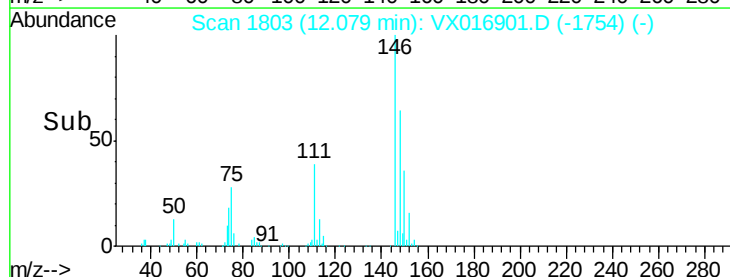
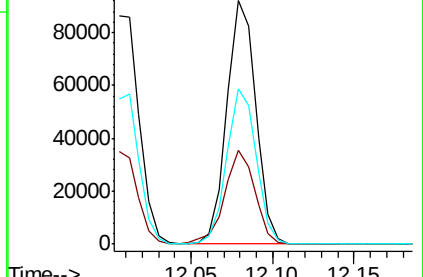
148 64.9 31.6 95.0

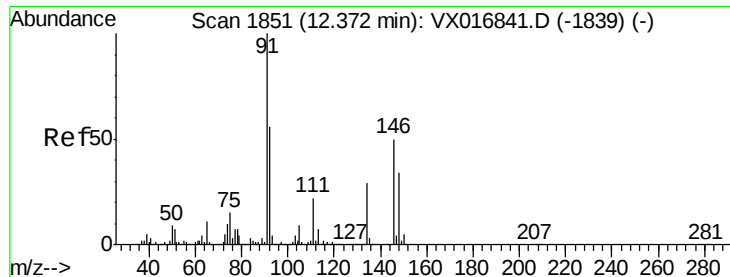


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 16.492 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampled :

VX0619WBS02

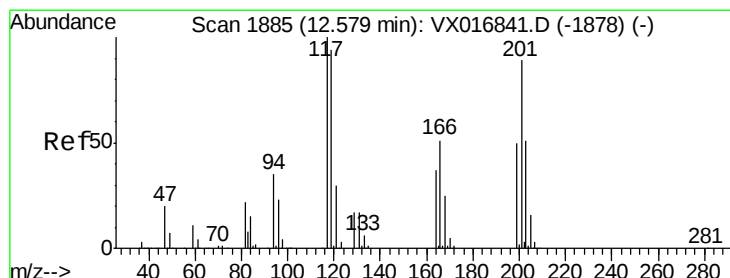
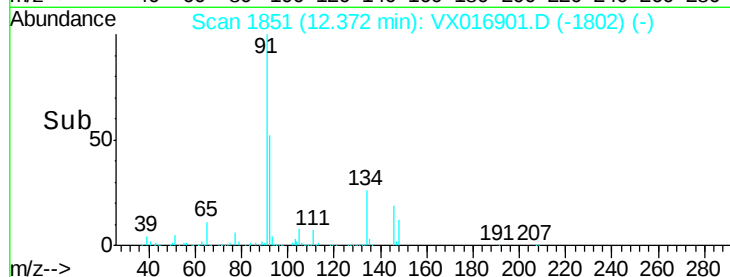
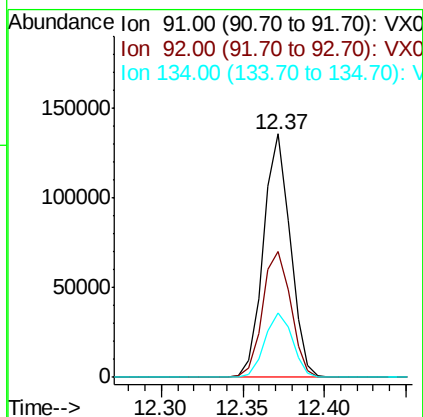
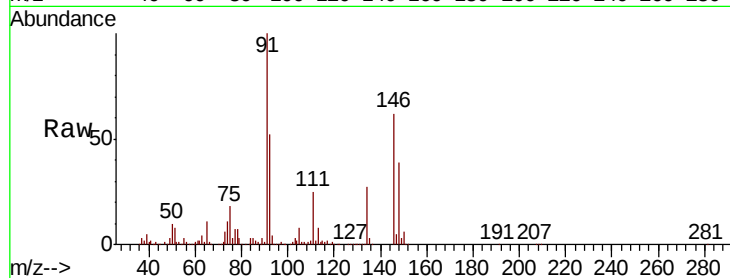
Tot Ion: 91 Resp: 155006

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.2

134 27.4 13.9 41.6



#90

Hexachloroethane

Concen: 17.671 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016901.D

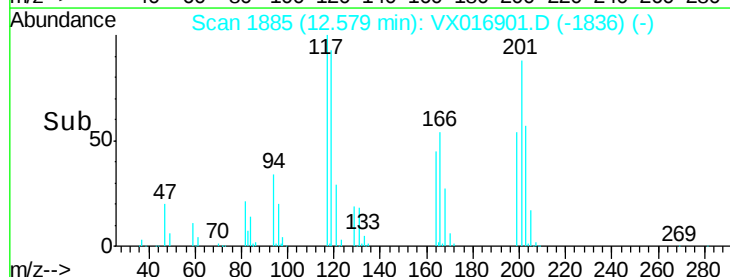
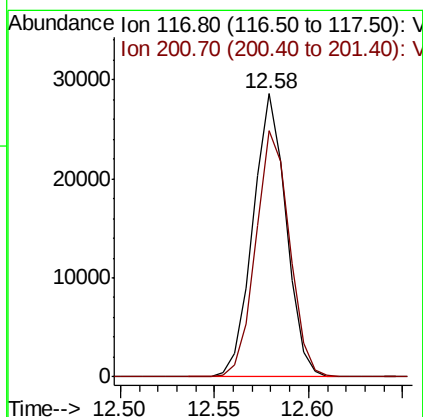
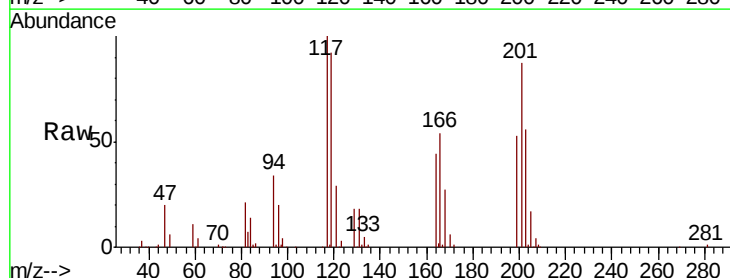
Acq: 20 Jun 2020 02:29

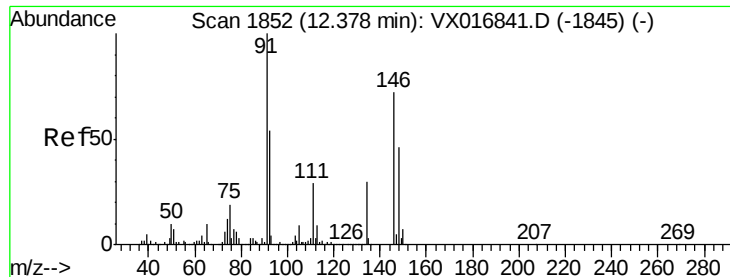
Tgt Ion: 117 Resp: 34889

Ion Ratio Lower Upper

117 100

201 88.2 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 19.185 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampled :

VX0619WBS02

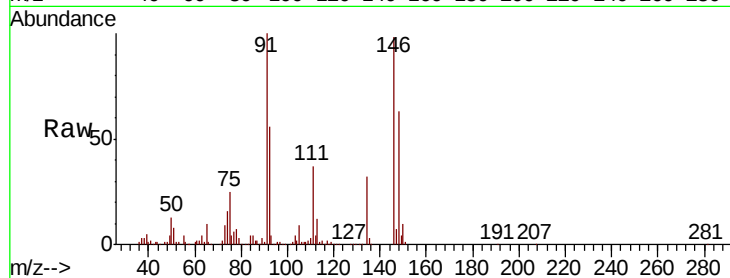
Tot Ion:146 Resp: 111344

Ion Ratio Lower Upper

146 100

111 39.8 20.9 62.7

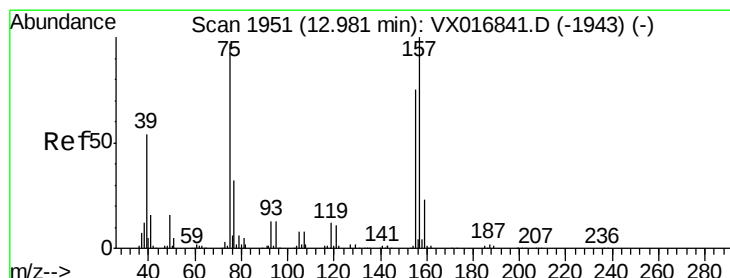
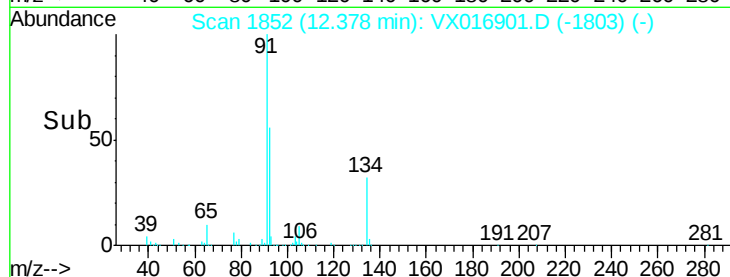
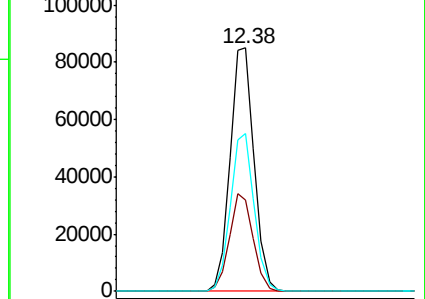
148 63.9 32.9 98.6



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: 21.217 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

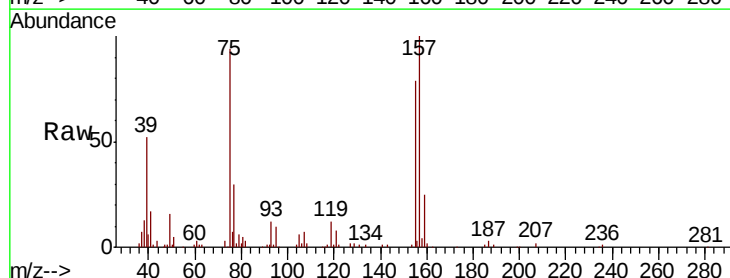
Tgt Ion: 75 Resp: 17140

Ion Ratio Lower Upper

75 100

155 94.5 46.4 139.1

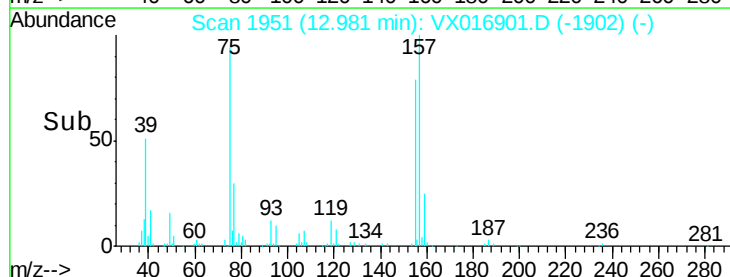
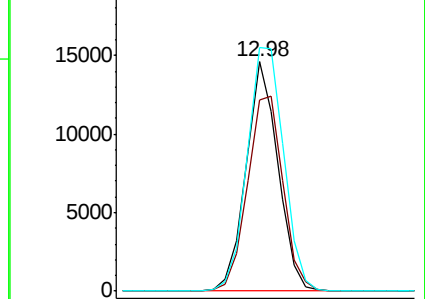
157 121.3 58.6 175.8

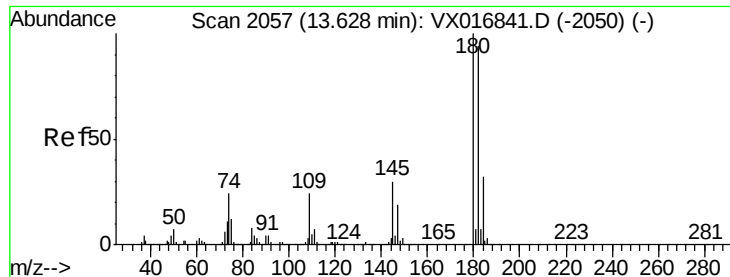


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

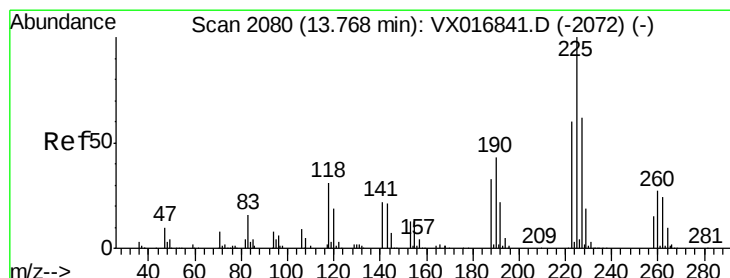
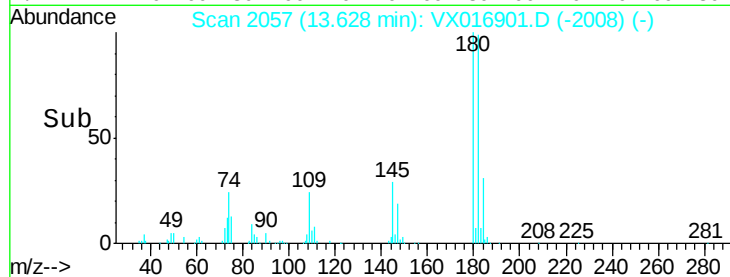
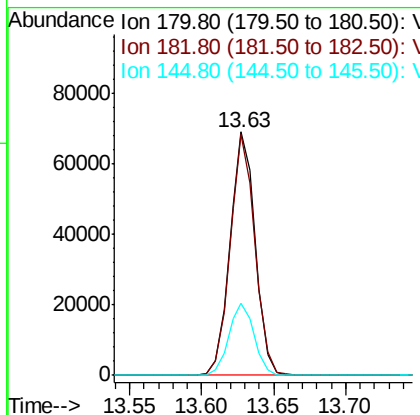
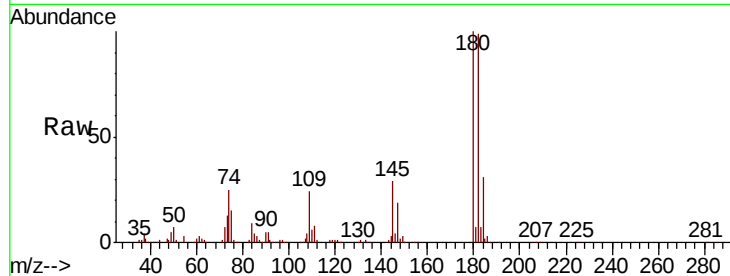




#93
 1,2,4-Trichlorobenzene
 Concen: 21.624 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

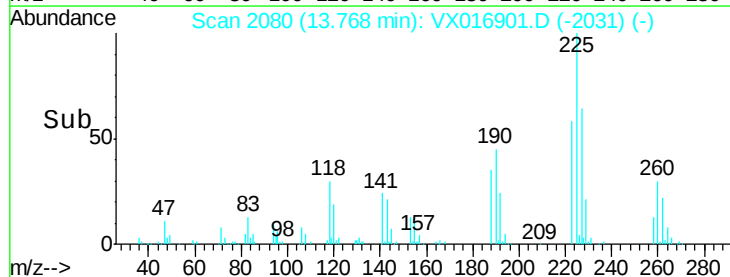
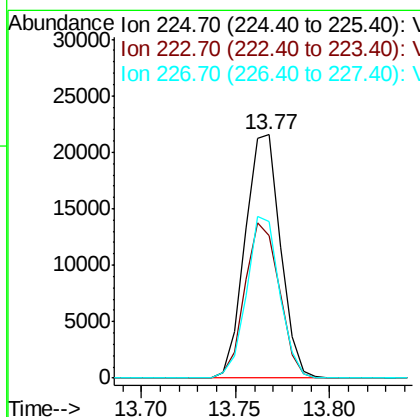
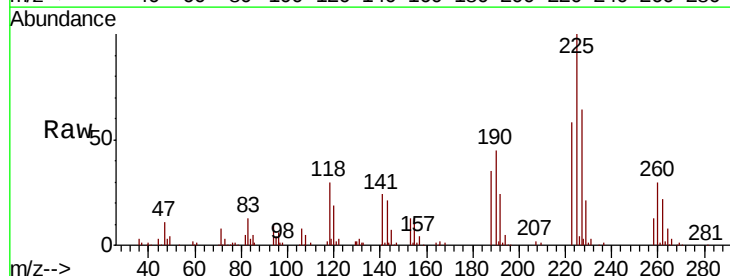
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS02

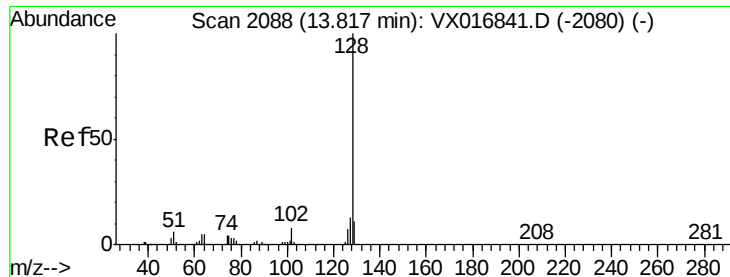
Tot Ion:180 Resp: 84275
 Ion Ratio Lower Upper
 180 100
 182 97.4 47.7 143.1
 145 29.7 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 15.933 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016901.D
 Acq: 20 Jun 2020 02:29

Tgt Ion:225 Resp: 28020
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.5
 227 62.4 32.3 96.8





#95

Naphthalene

Concen: 22.778 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS02

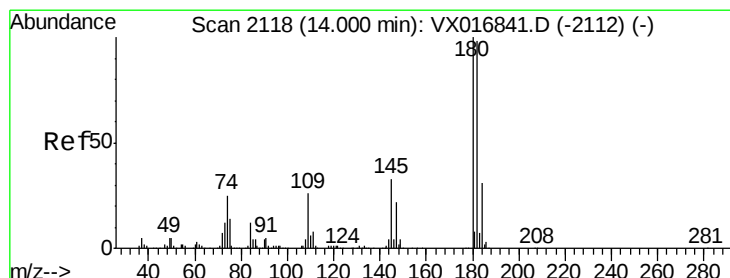
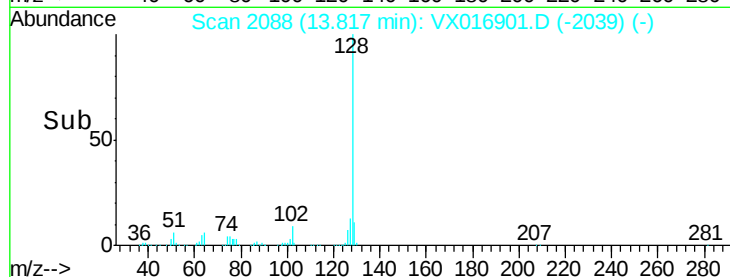
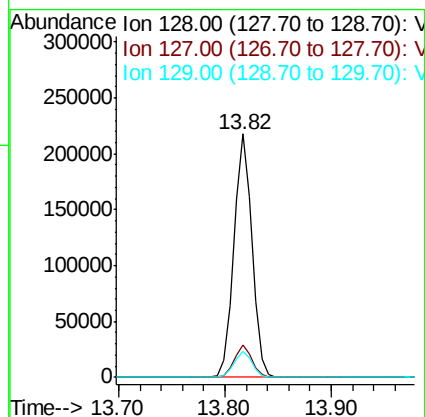
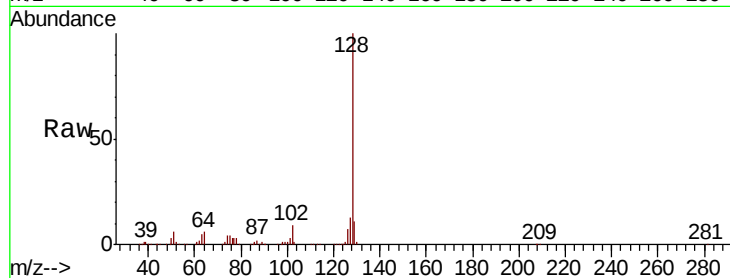
Tot Ion:128 Resp: 260621

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.726 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016901.D

Acq: 20 Jun 2020 02:29

Tgt Ion:180 Resp: 76666

Ion Ratio Lower Upper

180 100

182 97.8 47.4 142.3

145 32.8 16.0 48.0

