

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016834.D
 Acq On : 17 Jun 2020 21:52
 Operator : JC/SP
 Sample : L2984-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Quant Time: Jun 18 00:50:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	404346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180017	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	156841	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
35) Dibromofluoromethane	5.47	113	121082	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
50) Toluene-d8	8.70	98	430550	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
62) 4-Bromofluorobenzene	11.12	95	164016	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	126296	42.245	ug/l	99
3) Chloromethane	1.31	50	128895	44.596	ug/l	99
4) Vinyl Chloride	1.39	62	179592	58.233	ug/l	99
5) Bromomethane	1.62	94	78356	40.910	ug/l	96
6) Chloroethane	1.70	64	106076	55.838	ug/l	99
7) Trichlorofluoromethane	1.91	101	221277	49.818	ug/l	98
8) Diethyl Ether	2.17	74	95677	52.748	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109894	48.630	ug/l	98
10) Methyl Iodide	2.49	142	110304	39.052	ug/l	99
11) Tert butyl alcohol	3.01	59	229491	306.740	ug/l	100
12) 1,1-Dichloroethene	2.36	96	130957	50.606	ug/l	98
13) Acrolein	2.27	56	77857	244.454	ug/l	96
14) Allyl chloride	2.70	41	186672	46.122	ug/l	95
15) Acrylonitrile	3.12	53	401725	264.615	ug/l	99
16) Acetone	2.42	43	731011	541.132	ug/l	99
17) Carbon Disulfide	2.55	76	311190	41.989	ug/l	99
18) Methyl Acetate	2.75	43	201958	56.010	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	407626	46.217	ug/l	99
20) Methylene Chloride	2.83	84	128208	44.061	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	138288	49.728	ug/l	98
22) Diisopropyl ether	3.82	45	355376	46.746	ug/l	98
23) Vinyl Acetate	3.78	43	1485409	226.059	ug/l	100
24) 1,1-Dichloroethane	3.67	63	214108	45.029	ug/l	98
25) 2-Butanone	4.64	43	4754666	2335.375	ug/l	99
26) 2,2-Dichloropropane	4.55	77	166850	37.896	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	169713	53.395	ug/l	96
28) Bromochloromethane	4.98	49	90316	44.527	ug/l	100
29) Tetrahydrofuran	5.09	42	410198	311.015	ug/l	94
30) Chloroform	5.18	83	226895	45.105	ug/l	98
31) Cyclohexane	5.55	56	204199	53.286	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	211951	46.433	ug/l	100
36) 1,1-Dichloropropene	5.77	75	181002	50.654	ug/l	100
37) Ethyl Acetate	4.79	43	240251	61.395	ug/l	98
38) Carbon Tetrachloride	5.75	117	202873	49.991	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016834.D
 Acq On : 17 Jun 2020 21:52
 Operator : JC/SP
 Sample : L2984-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Quant Time: Jun 18 00:50:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	150416	36.562	ug/l	97
40) Benzene	6.11	78	600949	55.236	ug/l	100
41) Methacrylonitrile	5.01	41	103954	49.822	ug/l	98
42) 1,2-Dichloroethane	6.17	62	206387	51.976	ug/l	98
43) Isopropyl Acetate	6.42	43	401851	65.522	ug/l	99
44) Trichloroethene	7.19	130	151273	44.951	ug/l	100
45) 1,2-Dichloropropane	7.49	63	124459	46.667	ug/l	98
46) Dibromomethane	7.64	93	90317	46.464	ug/l	99
47) Bromodichloromethane	7.88	83	185696	45.823	ug/l	97
48) Methyl methacrylate	7.74	41	149436	51.408	ug/l	98
49) 1,4-Dioxane	7.71	88	81959	1139.329	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	1057396	279.790	ug/l	100
52) Toluene	8.77	92	342129	48.413	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	207762	45.391	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	216310	45.306	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134100	47.185	ug/l	99
56) Ethyl methacrylate	9.16	69	216152	50.798	ug/l	99
57) 1,3-Dichloropropane	9.35	76	221010	46.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	497014	237.556	ug/l	100
59) 2-Hexanone	9.48	43	861492	295.289	ug/l	99
60) Dibromochloromethane	9.57	129	159356	47.444	ug/l	99
61) 1,2-Dibromoethane	9.65	107	148657	47.996	ug/l	98
64) Tetrachloroethene	9.32	164	149420	37.448	ug/l	97
65) Chlorobenzene	10.12	112	436901	51.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	170182	50.597	ug/l	99
67) Ethyl Benzene	10.24	91	733470	51.459	ug/l	99
68) m/p-Xylenes	10.34	106	547089	101.233	ug/l	99
69) o-Xylene	10.68	106	250794	48.170	ug/l	99
70) Styrene	10.70	104	448216	49.800	ug/l	99
71) Bromoform	10.84	173	146690	51.115	ug/l #	98
73) Isopropylbenzene	11.00	105	683750	57.886	ug/l	100
74) N-amyl acetate	10.88	43	317456	69.149	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	192962	55.534	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	257718	68.077	ug/l	87
77) Bromobenzene	11.24	156	161185	48.329	ug/l	98
78) n-propylbenzene	11.34	91	645953	50.356	ug/l	99
79) 2-Chlorotoluene	11.40	91	405117	49.943	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	499179	50.413	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	75000	49.875	ug/l	98
82) 4-Chlorotoluene	11.49	91	474555	49.981	ug/l	100
83) tert-Butylbenzene	11.76	119	467097	51.554	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	514812	51.396	ug/l	100
85) sec-Butylbenzene	11.93	105	521139	49.173	ug/l	99
86) p-Isopropyltoluene	12.05	119	510183	50.172	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	282108	50.033	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	283635	48.507	ug/l	99
89) n-Butylbenzene	12.37	91	406951	48.479	ug/l	99
90) Hexachloroethane	12.58	117	89854	47.917	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	276460	49.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56740	58.394	ug/l	95

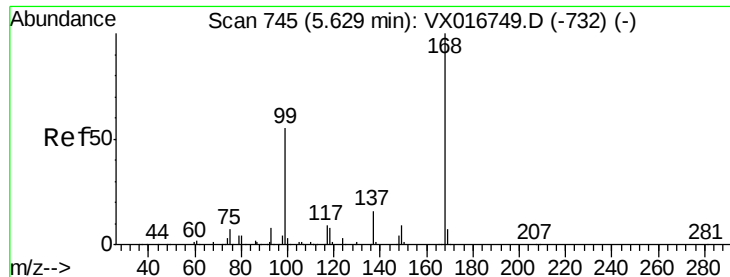
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
Data File : VX016834.D
Acq On : 17 Jun 2020 21:52
Operator : JC/SP
Sample : L2984-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Quant Time: Jun 18 00:50:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	187766	47.551	ug/l	99
94) Hexachlorobutadiene	13.76	225	83312	47.964	ug/l	98
95) Naphthalene	13.82	128	696774	56.325	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	187138	48.150	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

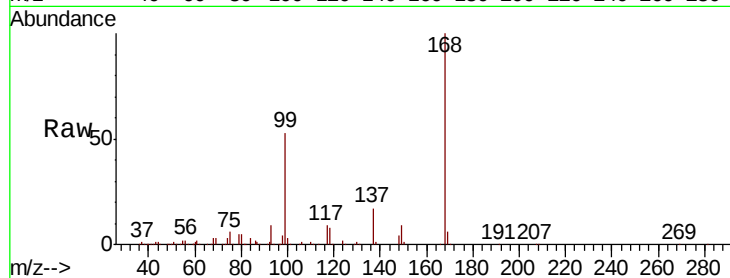
S49-0563MS

Tot Ion:168 Resp: 264767

Ion Ratio Lower Upper

168 100

99 52.9 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

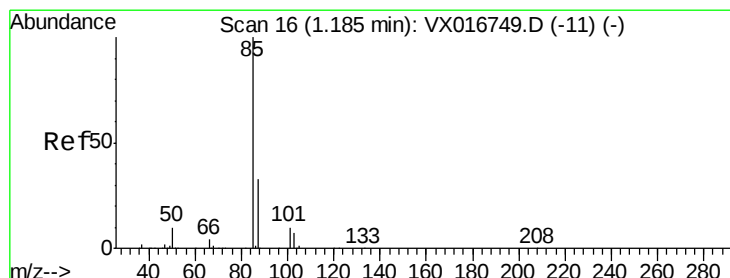
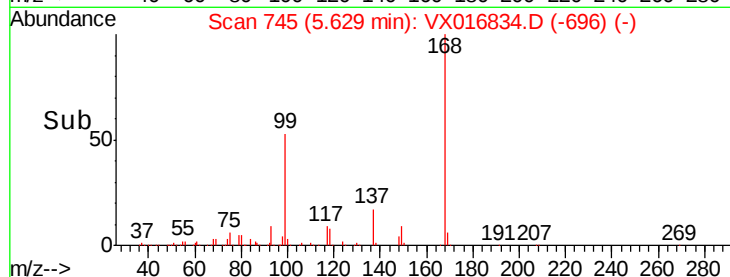
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 42.245 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016834.D

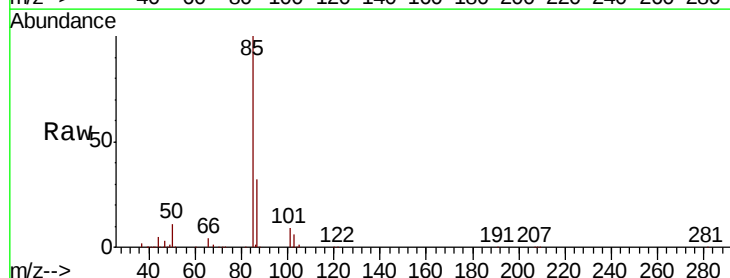
Acq: 17 Jun 2020 21:52

Tgt Ion: 85 Resp: 126296

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

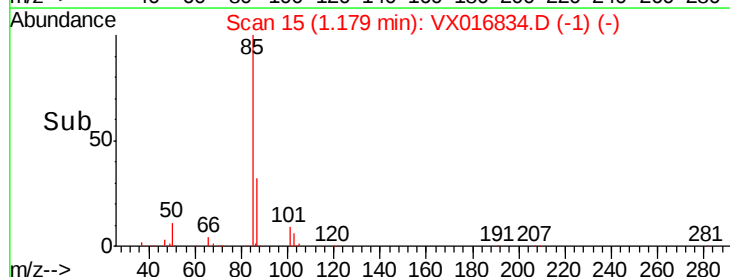
100000

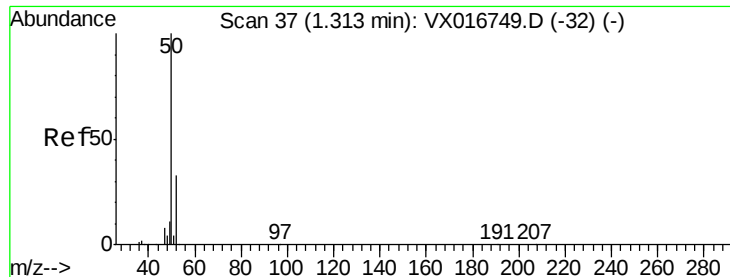
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.596 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

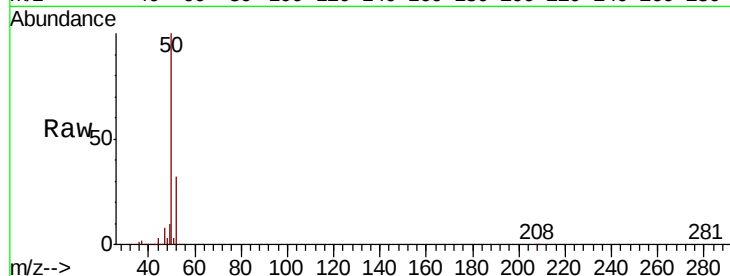
S49-0563MS

Tot Ion: 50 Resp: 128895

Ion Ratio Lower Upper

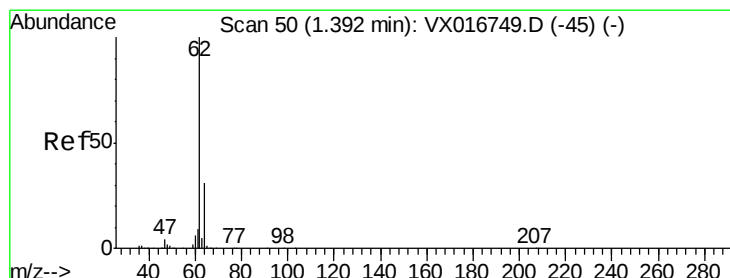
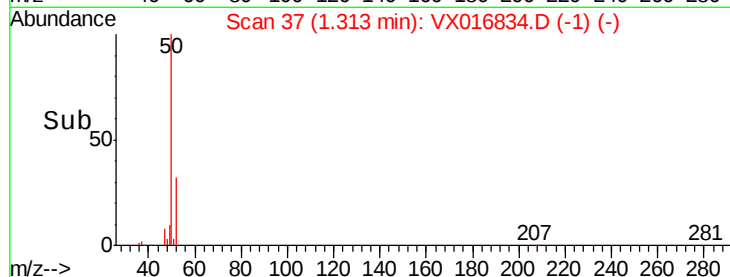
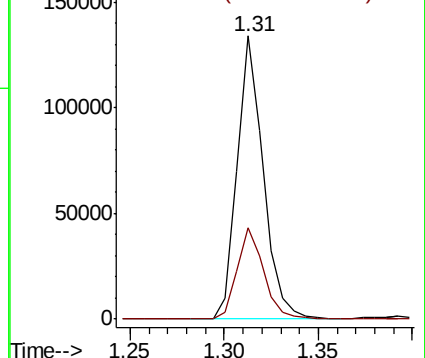
50 100

52 32.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.233 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016834.D

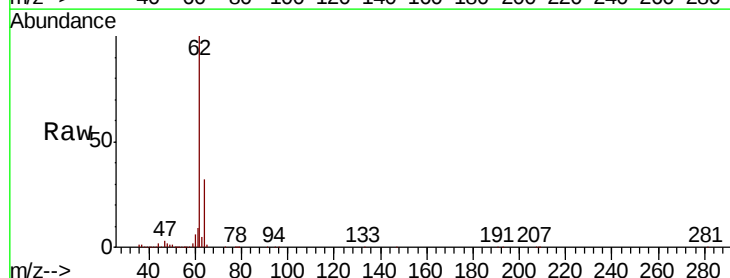
Acq: 17 Jun 2020 21:52

Tgt Ion: 62 Resp: 179592

Ion Ratio Lower Upper

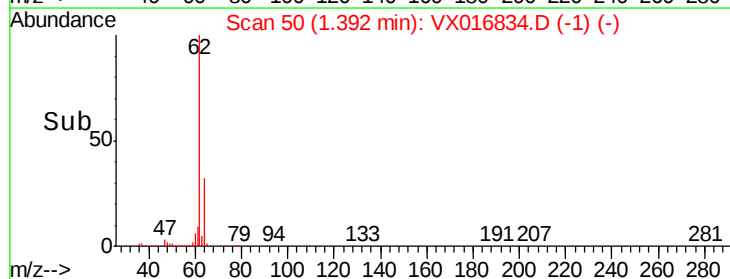
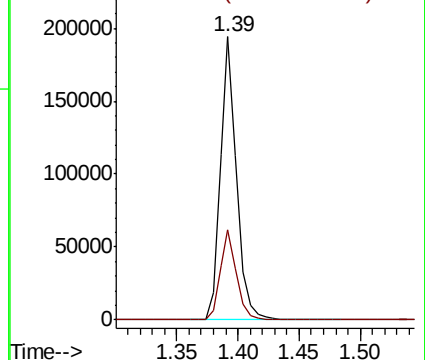
62 100

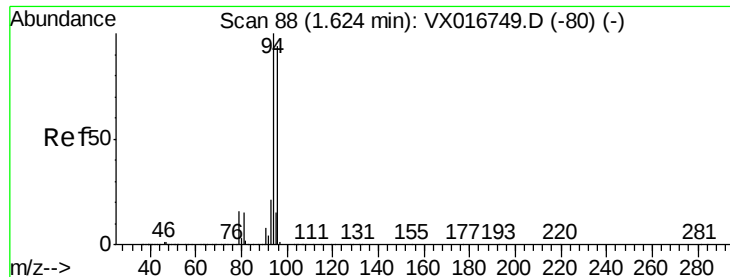
64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.910 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

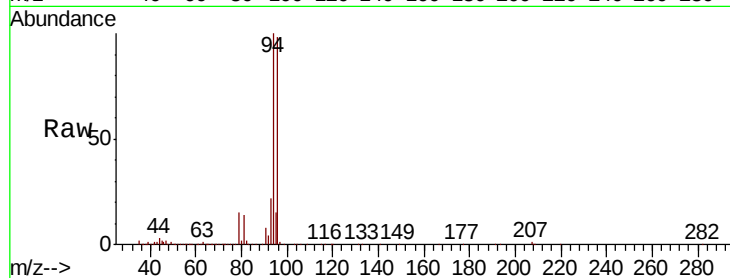
S49-0563MS

Tot Ion: 94 Resp: 78356

Ion Ratio Lower Upper

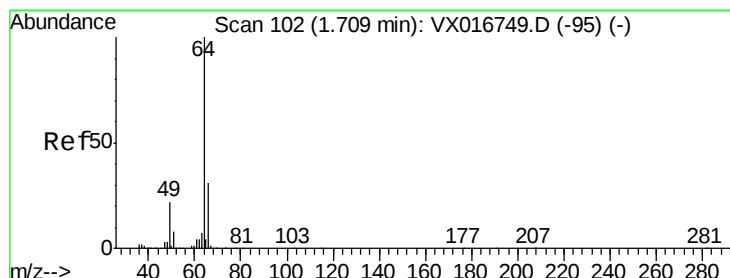
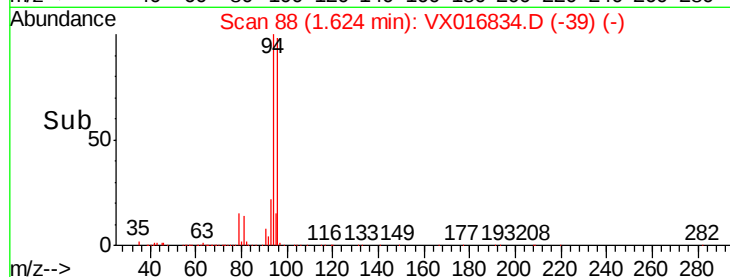
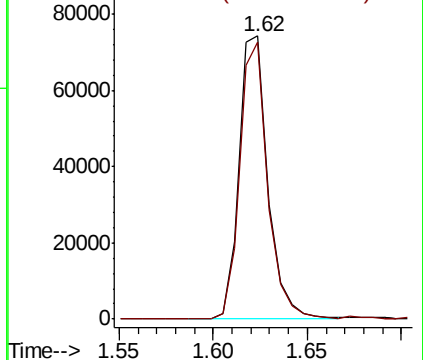
94 100

96 98.1 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.838 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016834.D

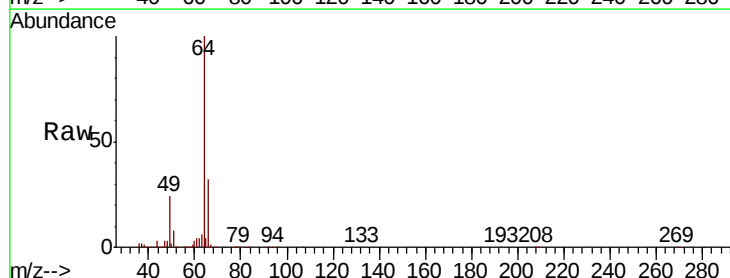
Acq: 17 Jun 2020 21:52

Tgt Ion: 64 Resp: 106076

Ion Ratio Lower Upper

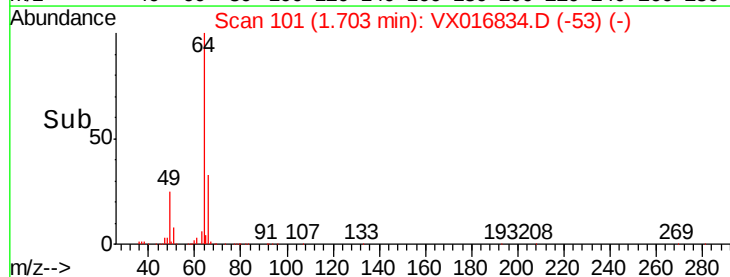
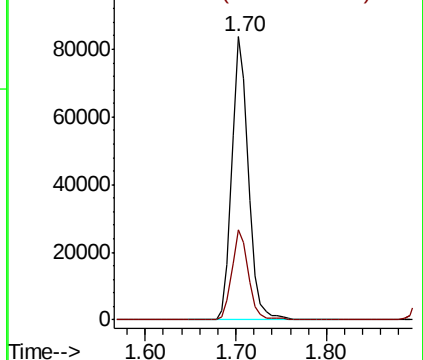
64 100

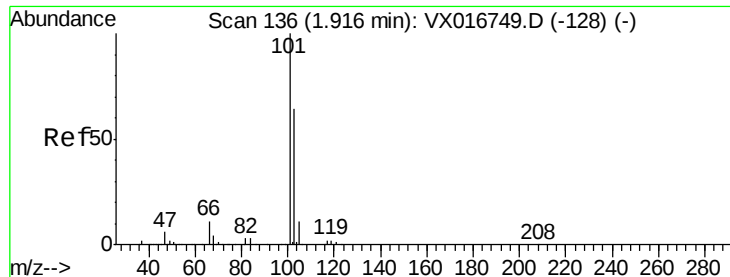
66 31.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



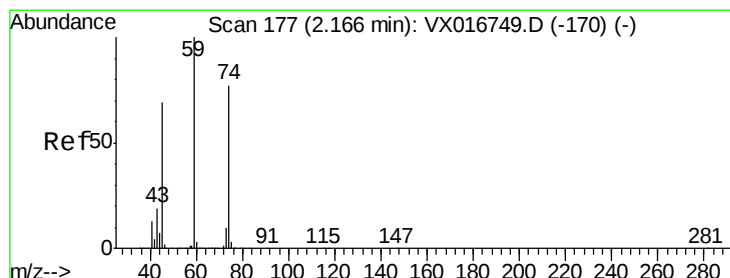
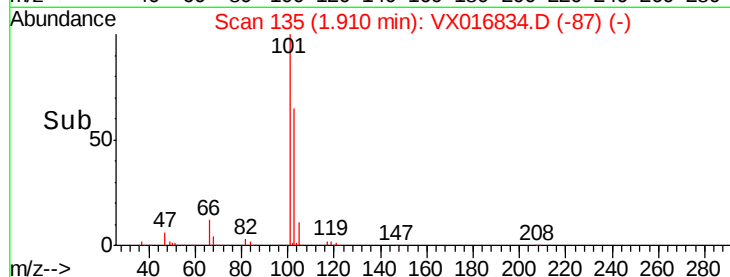
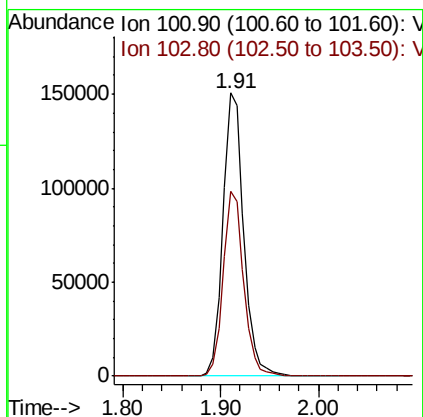
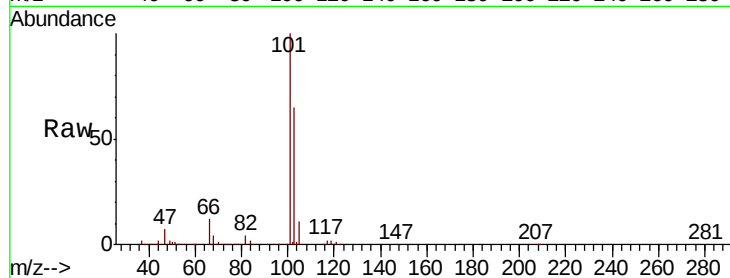


#7

Trichlorofluoromethane
 Concen: 49.818 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

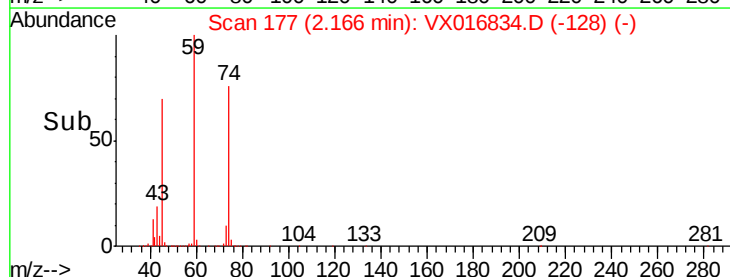
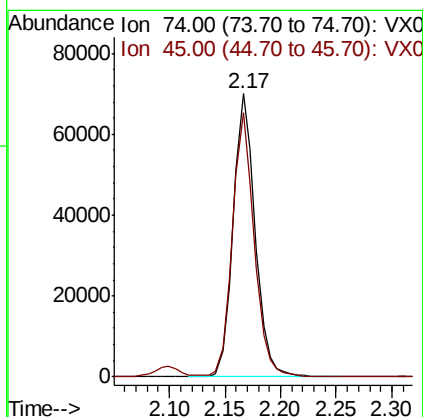
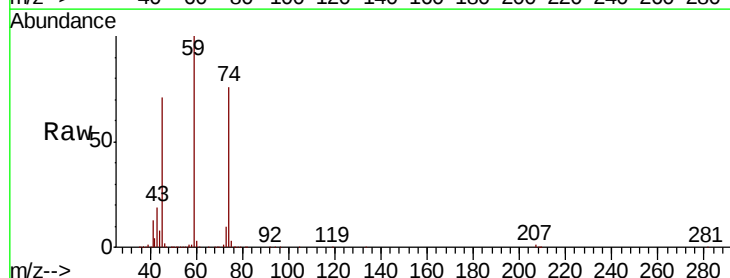
Tot Ion:101 Resp: 221277
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.3 76.9

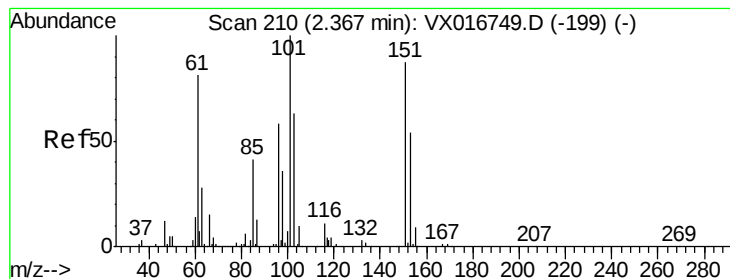


#8

Diethyl Ether
 Concen: 52.748 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion: 74 Resp: 95677
 Ion Ratio Lower Upper
 74 100
 45 92.1 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.630 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

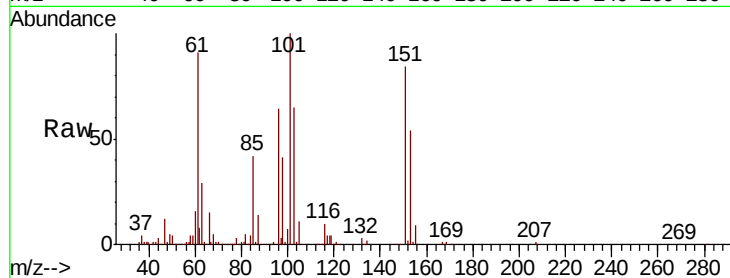
Tot Ion:101 Resp: 109894

Ion Ratio Lower Upper

101 100

85 43.0 34.0 51.0

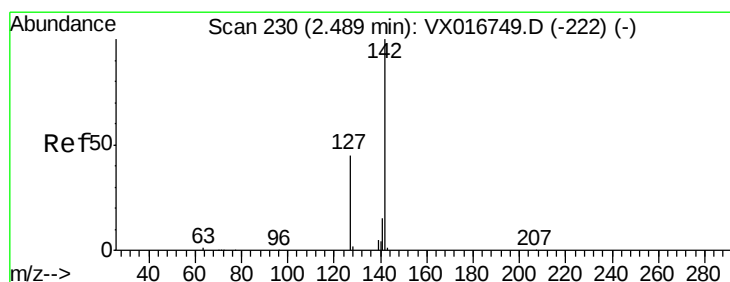
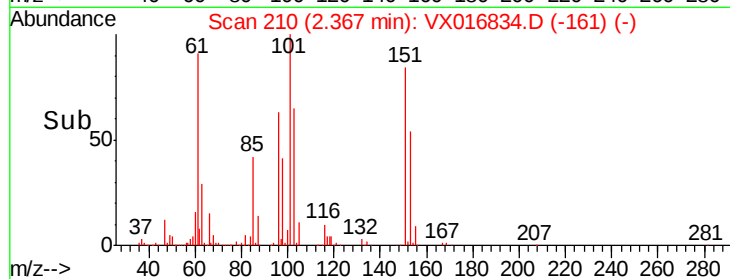
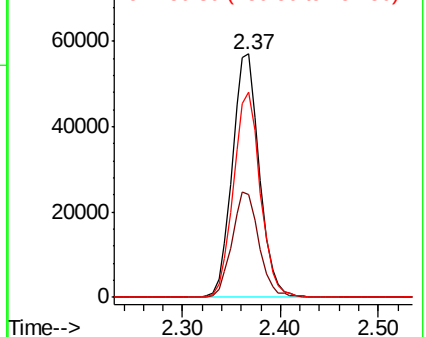
151 83.3 68.7 103.1



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: 39.052 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

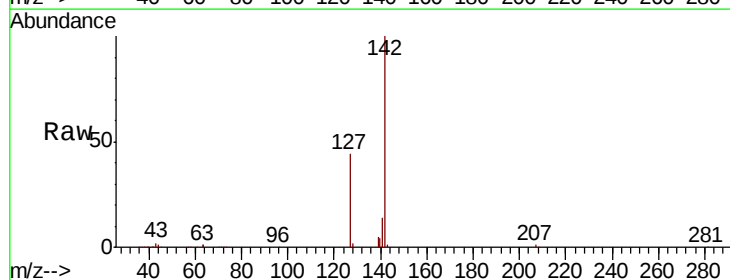
Tgt Ion:142 Resp: 110304

Ion Ratio Lower Upper

142 100

127 43.3 35.4 53.2

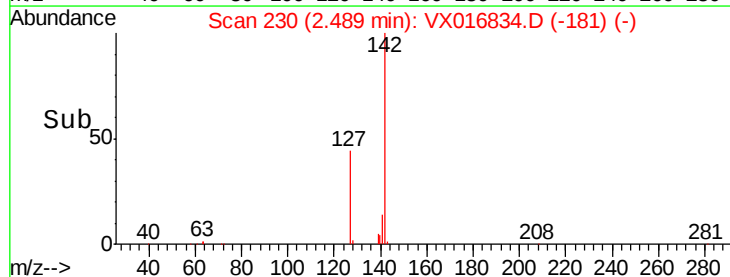
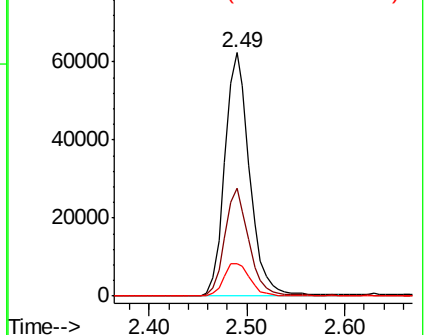
141 14.6 11.7 17.5

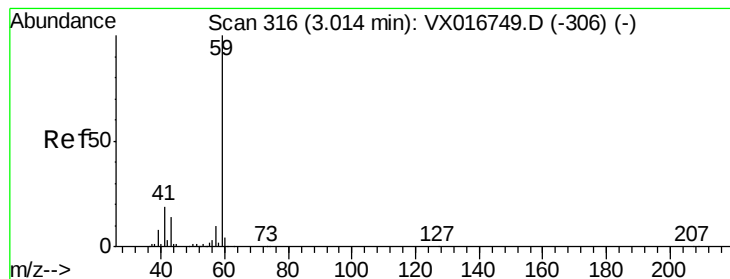


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 306.740 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

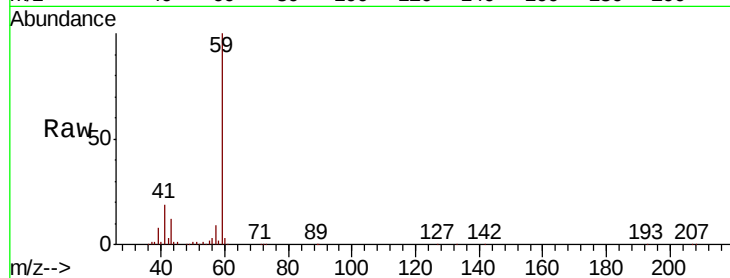
S49-0563MS

Tot Ion: 59 Resp: 229491

Ion Ratio Lower Upper

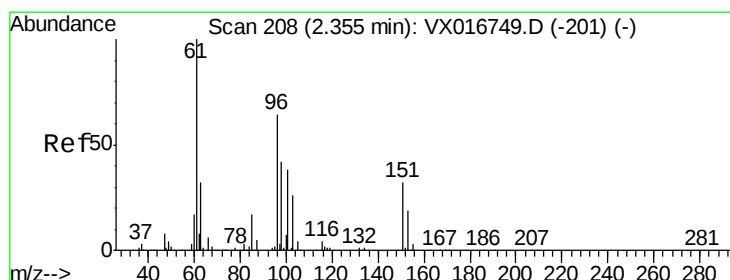
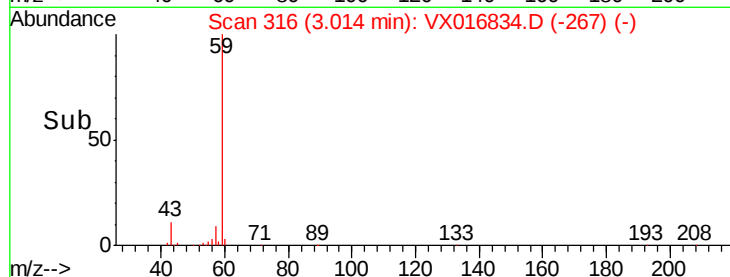
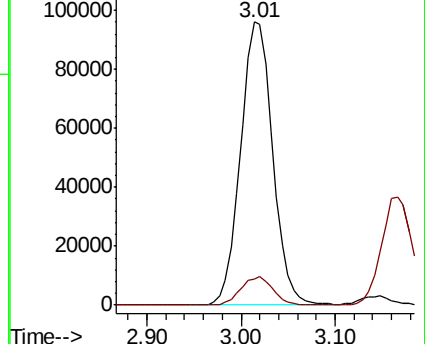
59 100

57 10.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 50.606 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

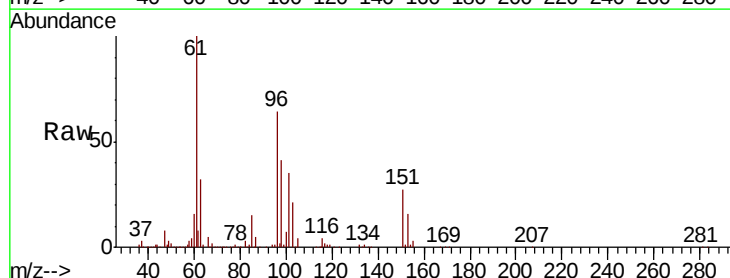
Tgt Ion: 96 Resp: 130957

Ion Ratio Lower Upper

96 100

61 157.3 124.1 186.1

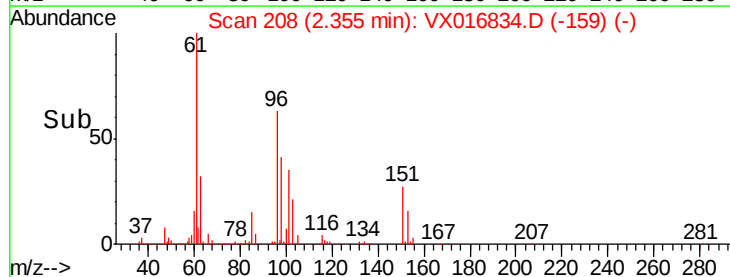
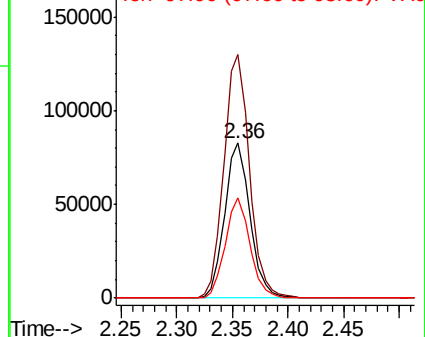
98 65.0 52.7 79.1

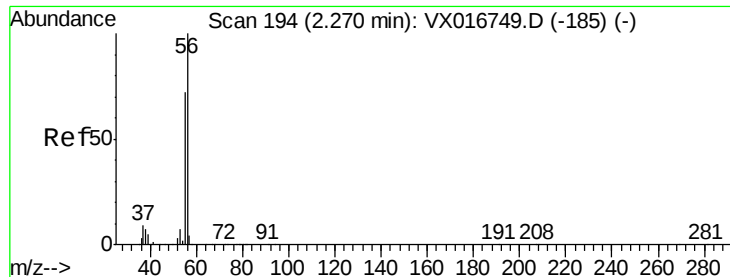


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

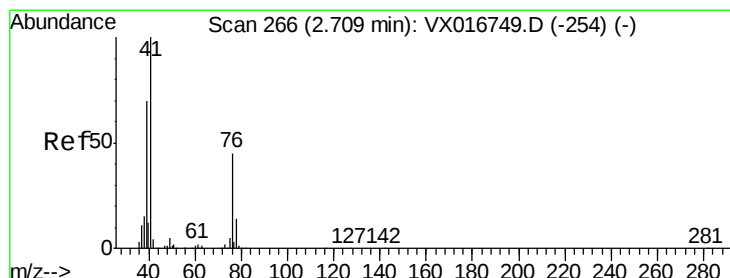
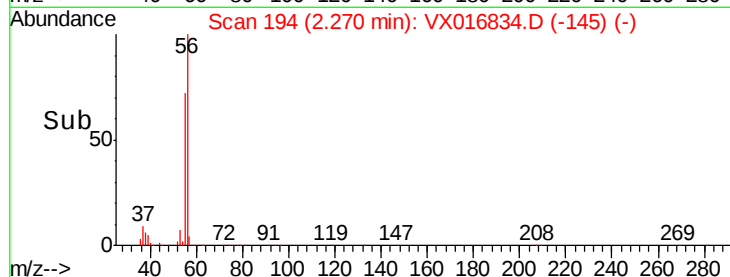
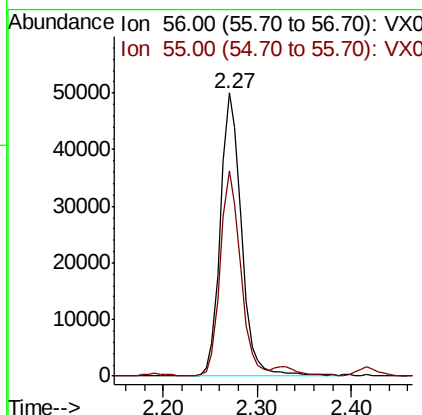
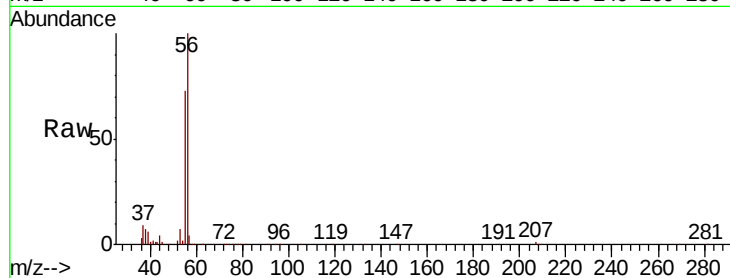




#13
Acrolein
Concen: 244.454 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

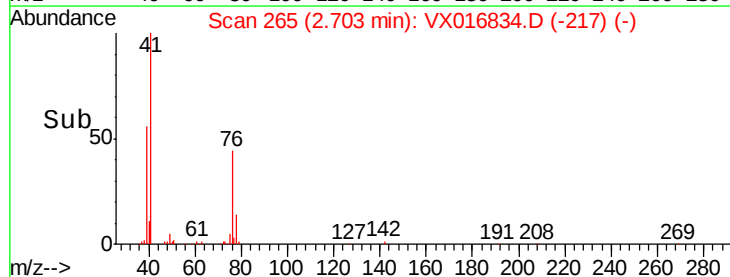
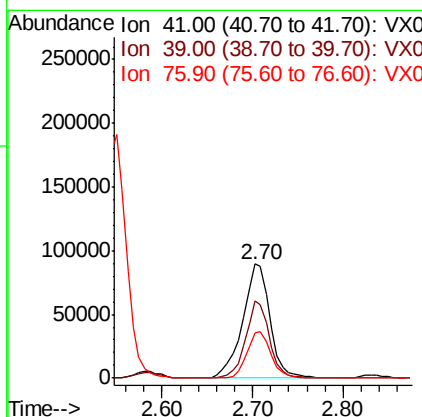
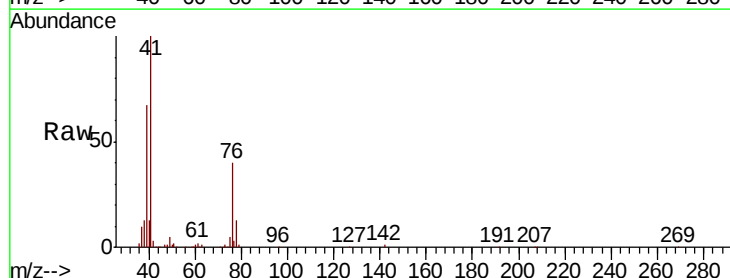
Instrument :
MSVOA_X
ClientSampled :
S49-0563MS

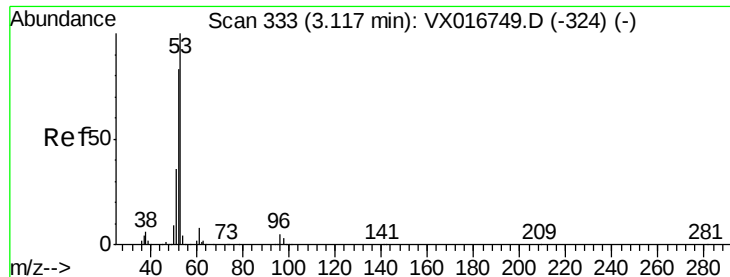
Tot Ion: 56 Resp: 77857
Ion Ratio Lower Upper
56 100
55 69.6 58.2 87.4



#14
Allyl chloride
Concen: 46.122 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 41 Resp: 186672
Ion Ratio Lower Upper
41 100
39 58.8 50.2 75.4
76 35.7 30.4 45.6





#15

Acrylonitrile

Concen: 264.615 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampled :

S49-0563MS

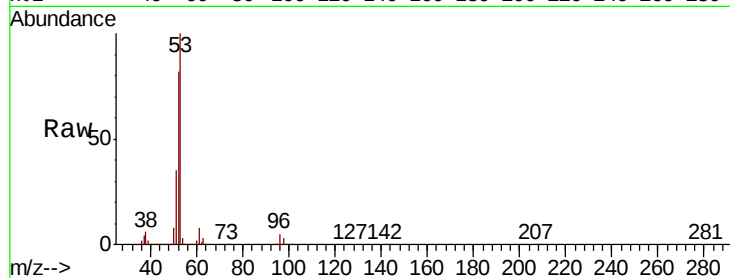
Tot Ion: 53 Resp: 401725

Ion Ratio Lower Upper

53 100

52 82.5 65.5 98.3

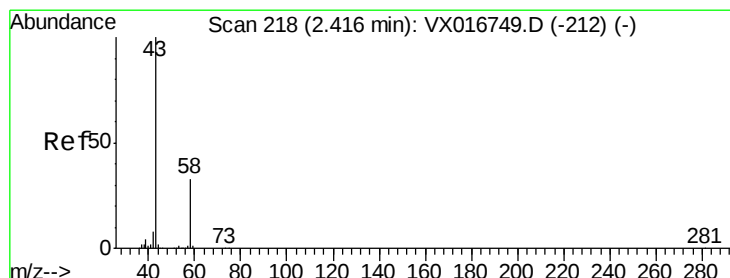
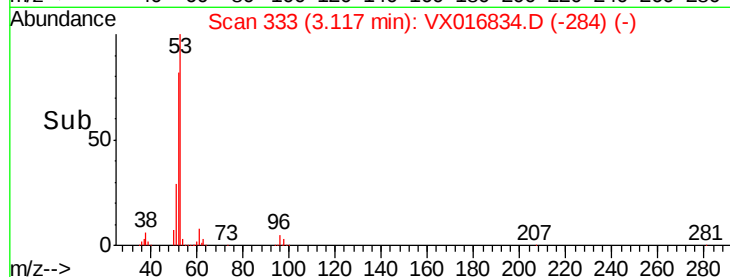
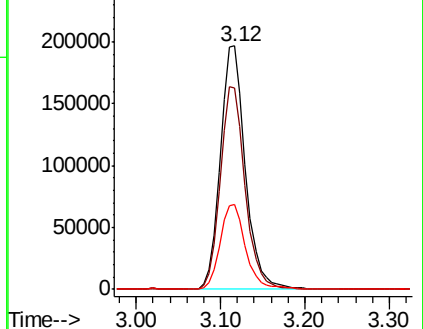
51 35.4 28.6 42.8



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: 541.132 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016834.D

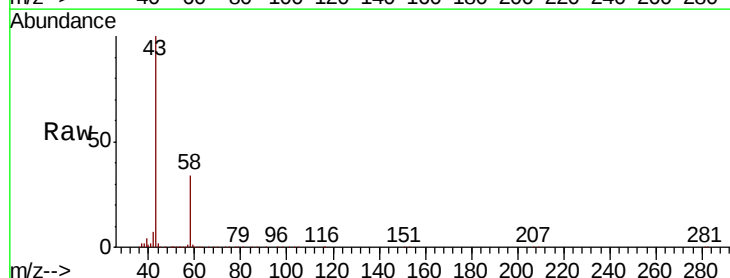
Acq: 17 Jun 2020 21:52

Tgt Ion: 43 Resp: 731011

Ion Ratio Lower Upper

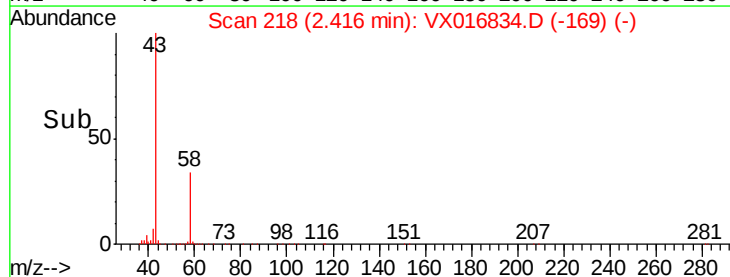
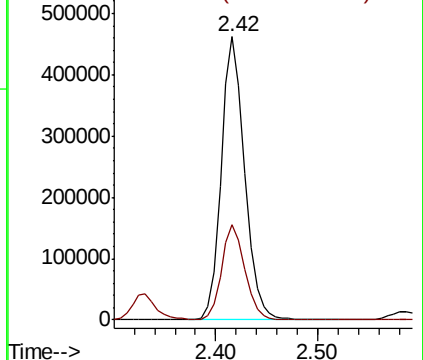
43 100

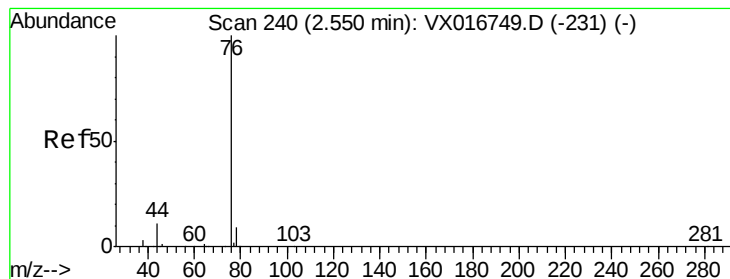
58 33.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.989 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

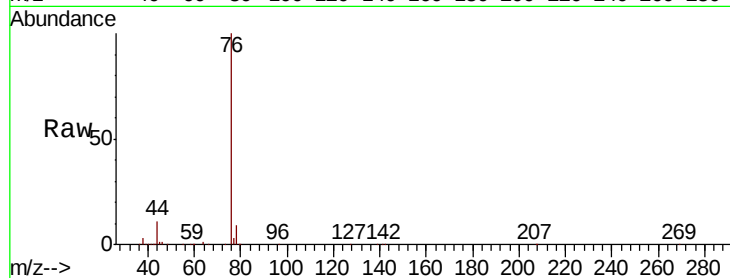
S49-0563MS

Tot Ion: 76 Resp: 311190

Ion Ratio Lower Upper

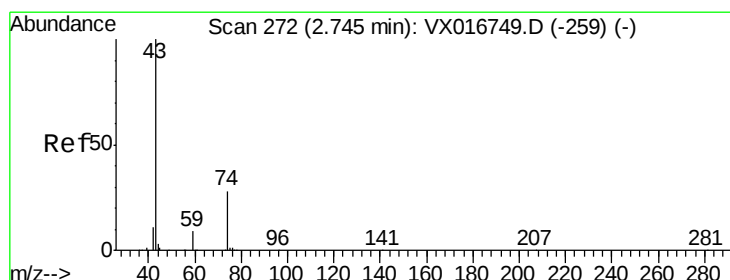
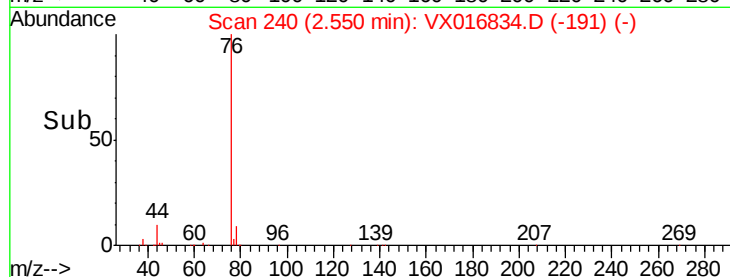
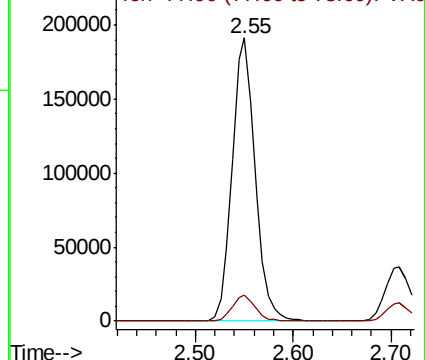
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 56.010 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016834.D

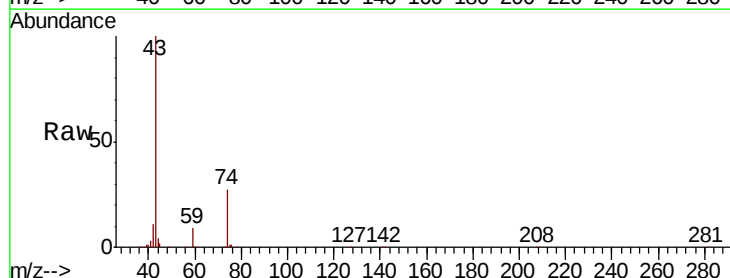
Acq: 17 Jun 2020 21:52

Tgt Ion: 43 Resp: 201958

Ion Ratio Lower Upper

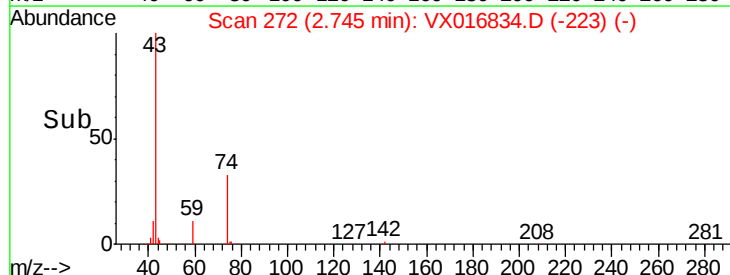
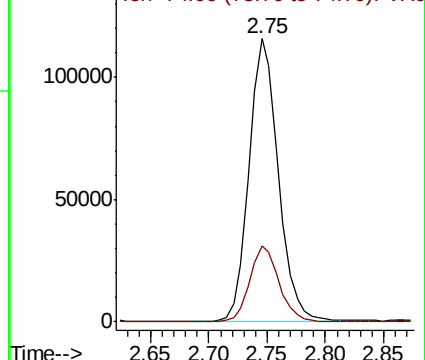
43 100

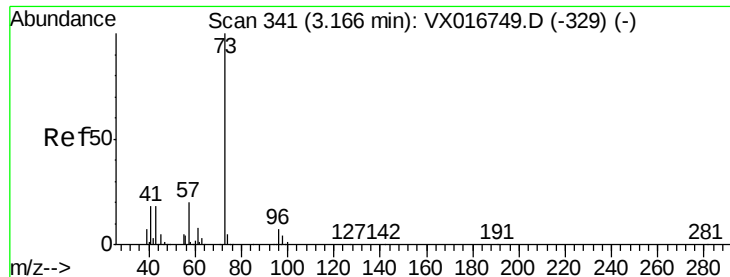
74 27.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



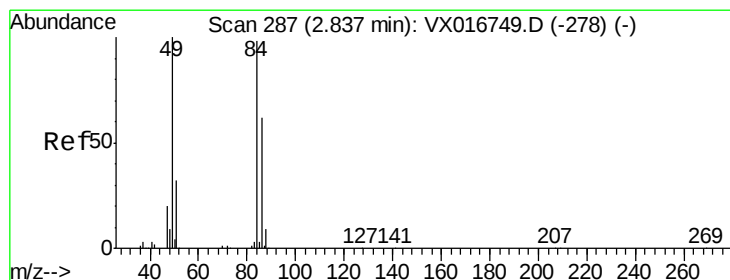
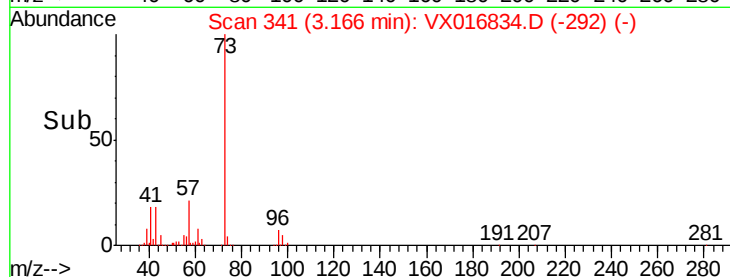
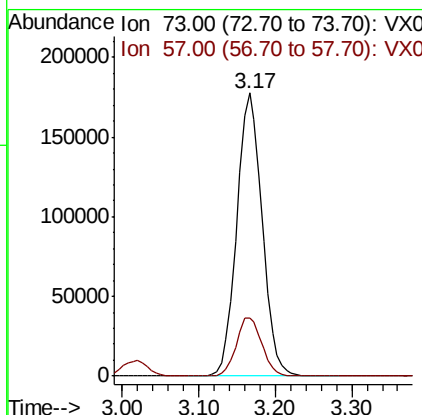
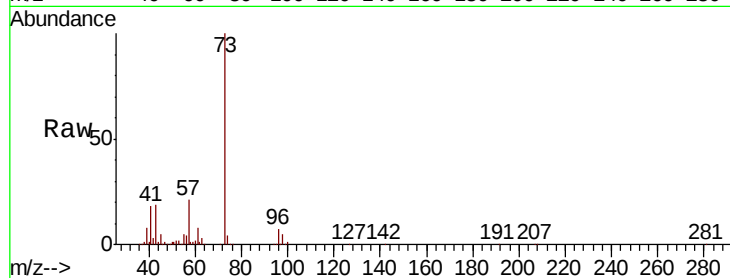


#19

Methyl tert-butyl Ether
Concen: 46.217 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

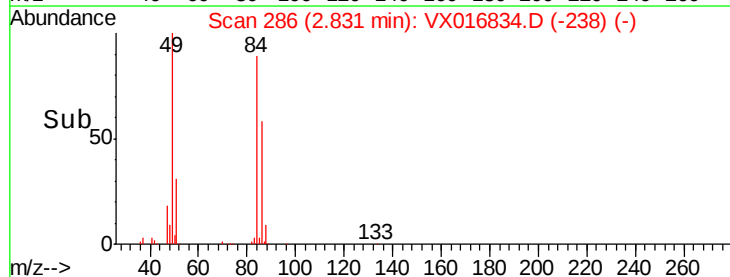
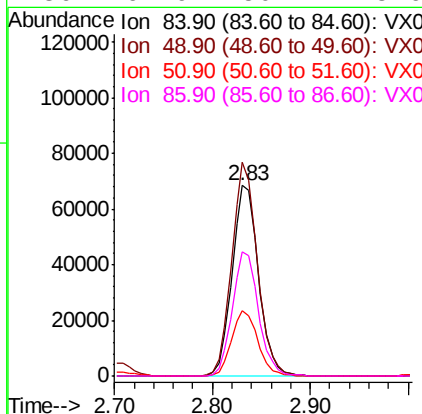
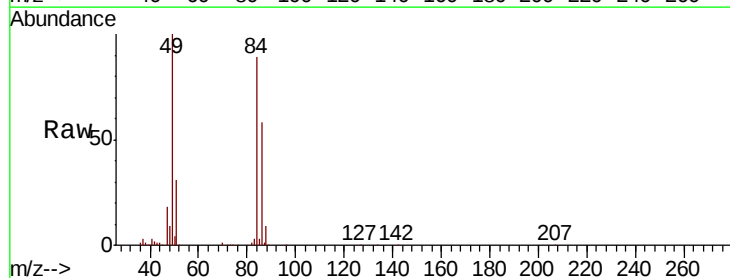
Tot Ion: 73 Resp: 407626
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.4

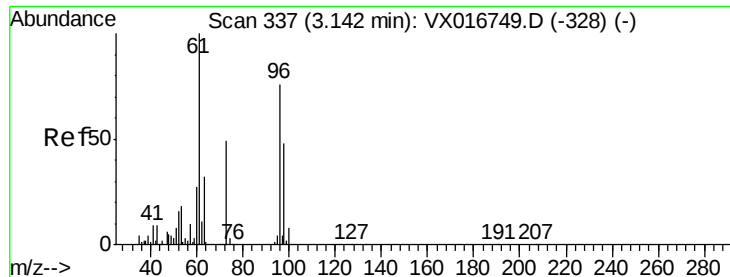


#20

Methylene Chloride
Concen: 44.061 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 84 Resp: 128208
Ion Ratio Lower Upper
84 100
49 112.1 81.8 122.8
51 34.5 25.8 38.8
86 64.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.728 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

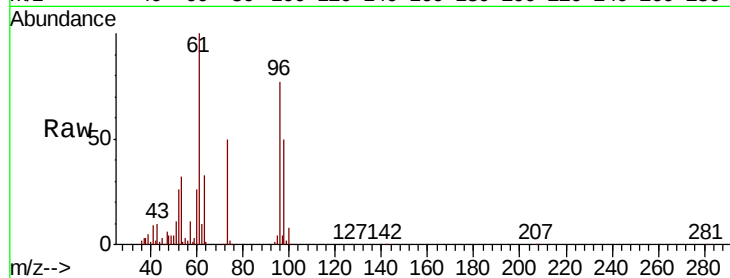
Tot Ion: 96 Resp: 138288

Ion Ratio Lower Upper

96 100

61 130.2 105.4 158.2

98 65.1 50.8 76.2

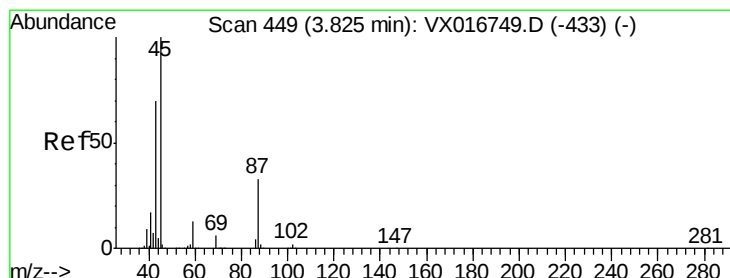
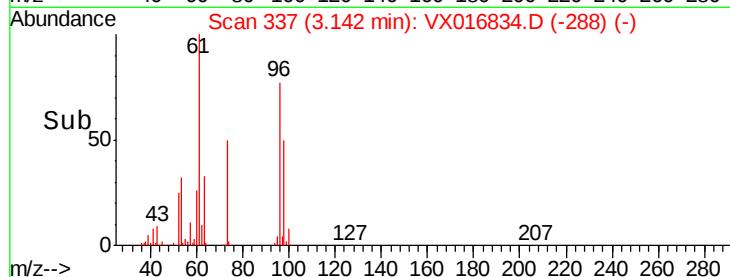
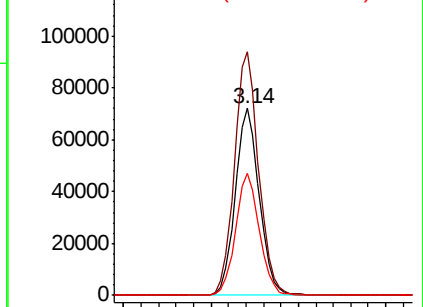


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.746 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion: 45 Resp: 355376

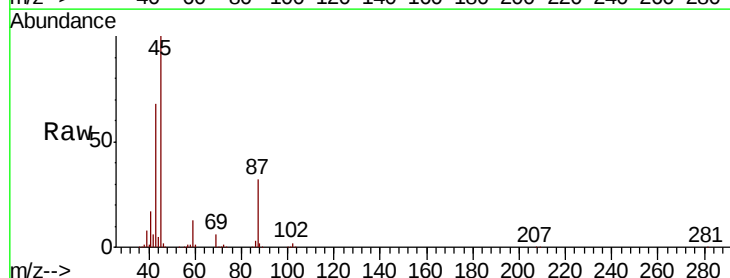
Ion Ratio Lower Upper

45 100

43 68.1 56.2 84.4

87 32.2 26.2 39.4

59 12.6 10.3 15.5



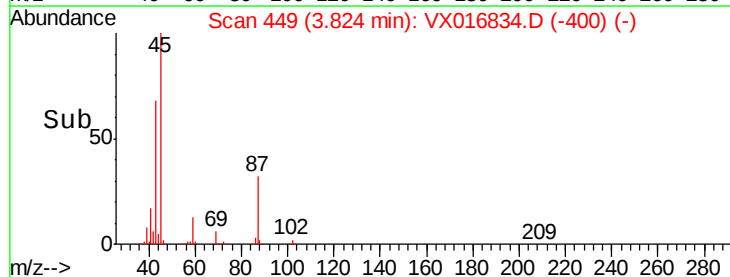
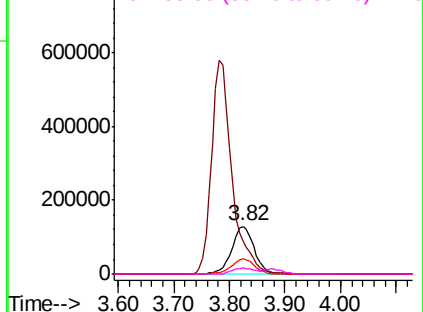
Abundance

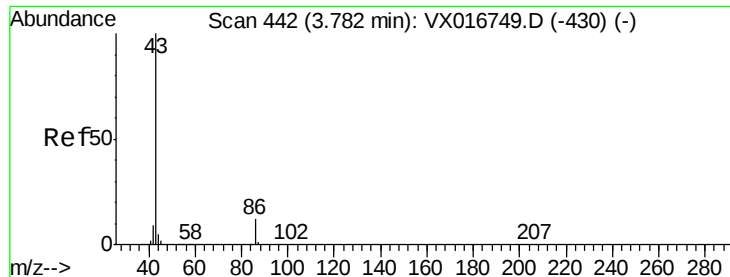
Ion 45.00 (44.70 to 45.70): VX0

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: 226.059 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

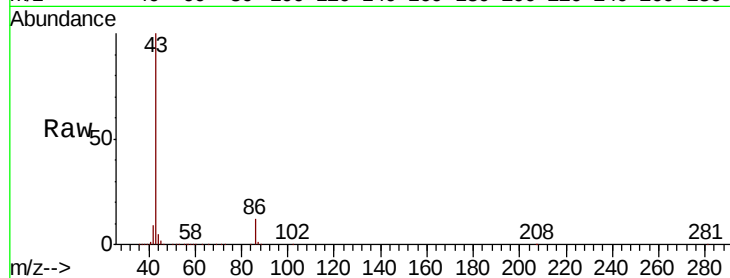
S49-0563MS

Tot Ion: 43 Resp: 1485409

Ion Ratio Lower Upper

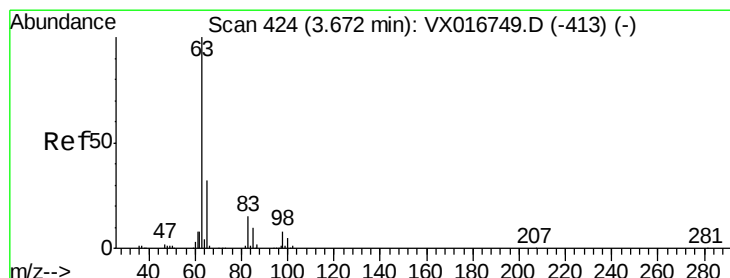
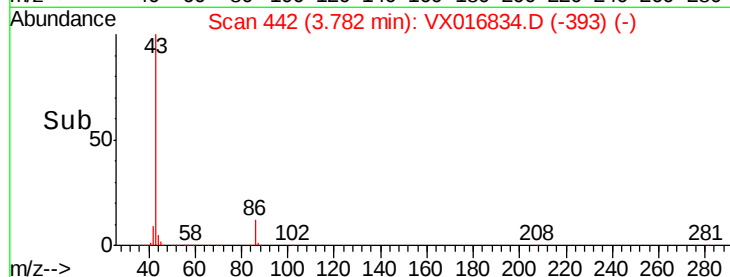
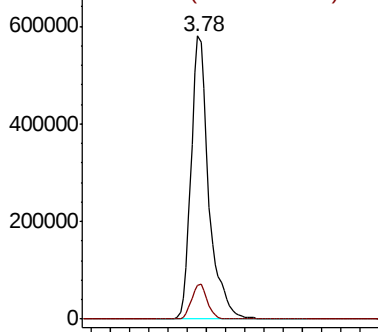
43 100

86 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.029 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

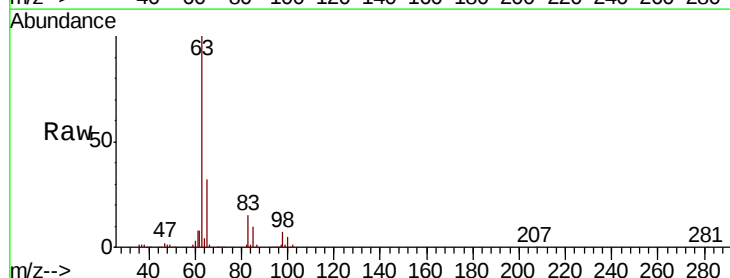
Tgt Ion: 63 Resp: 214108

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

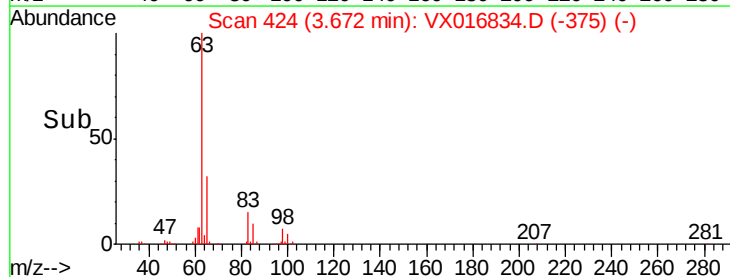
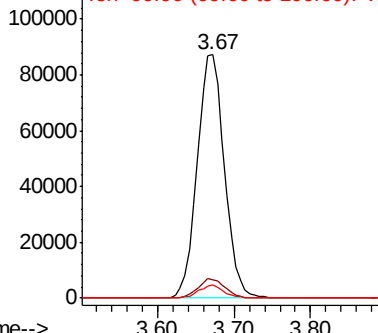
100 5.5 2.3 6.9

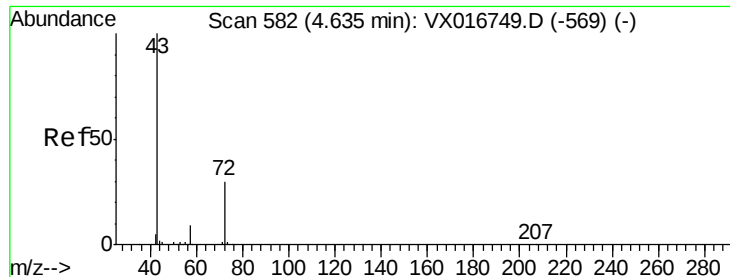


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 2335.375 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampled :

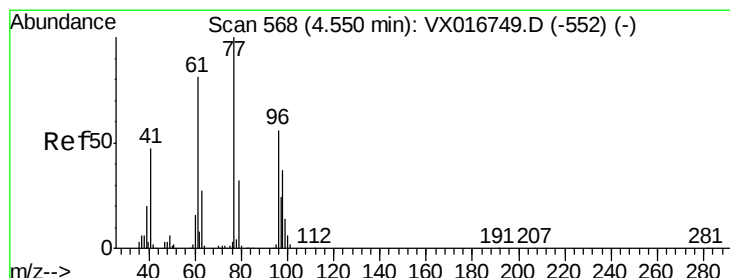
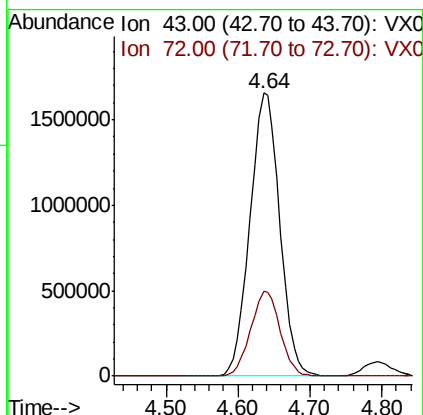
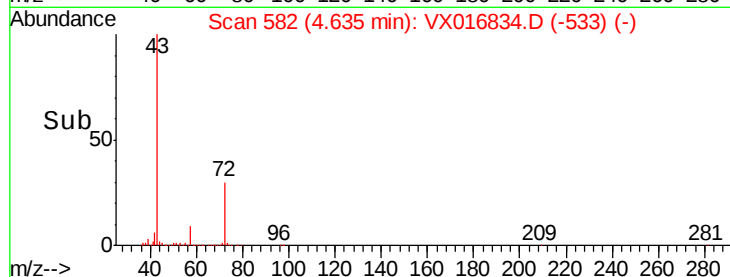
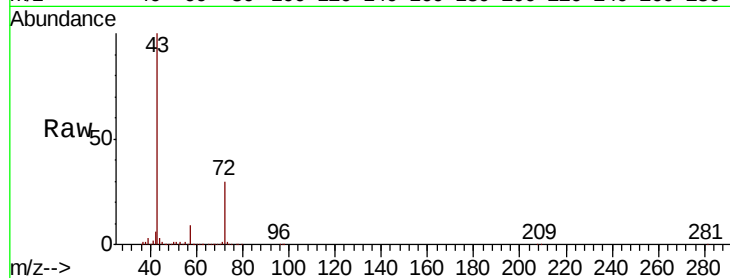
S49-0563MS

Tot Ion: 43 Resp: 4754666

Ion Ratio Lower Upper

43 100

72 29.8 24.2 36.4



#26

2,2-Dichloropropane

Concen: 37.896 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016834.D

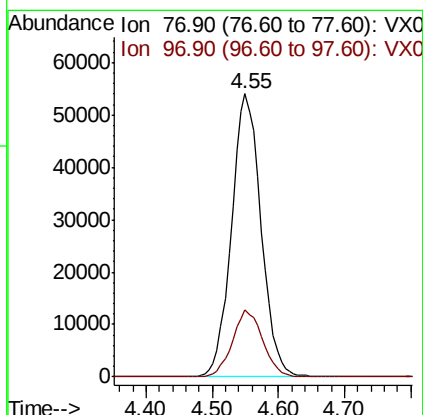
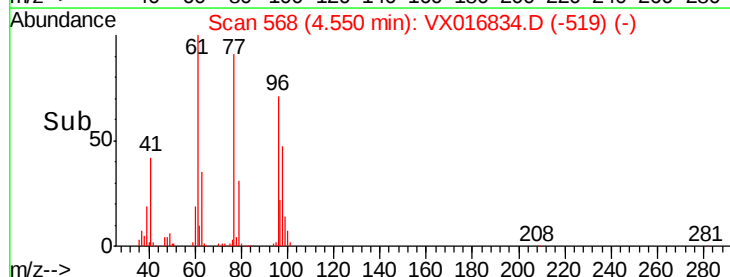
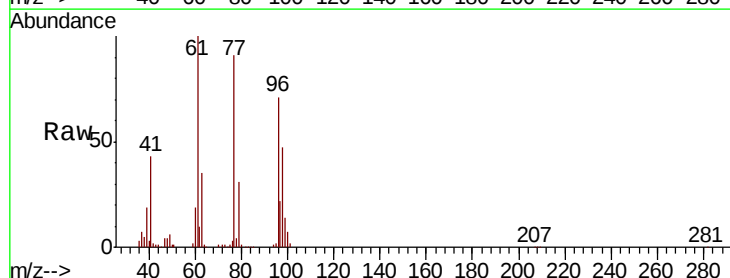
Acq: 17 Jun 2020 21:52

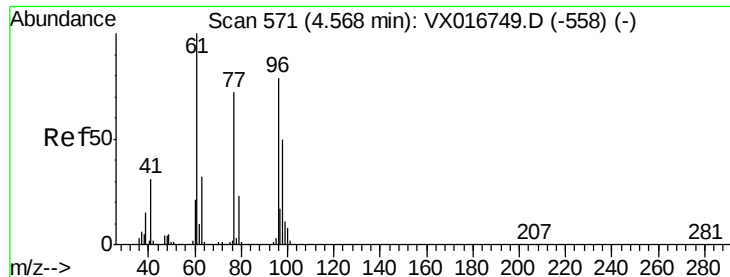
Tgt Ion: 77 Resp: 166850

Ion Ratio Lower Upper

77 100

97 24.2 11.5 34.4



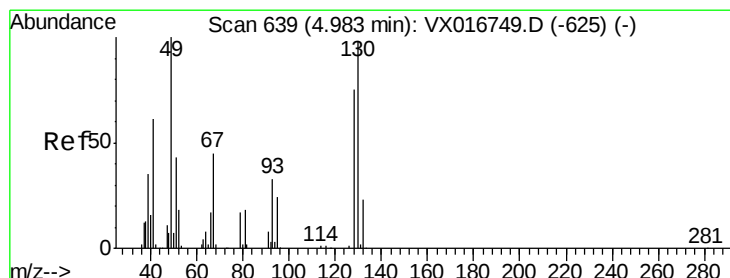
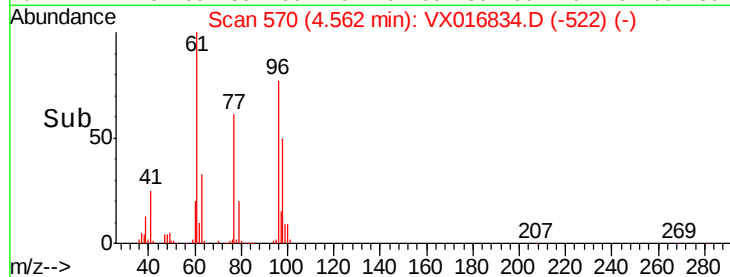
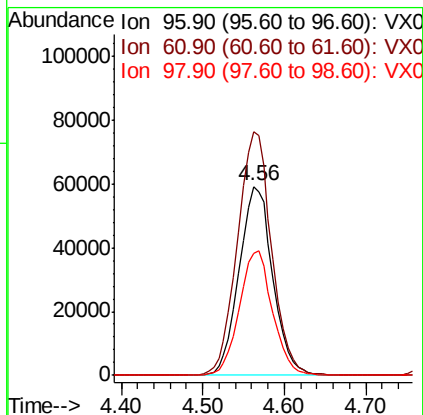
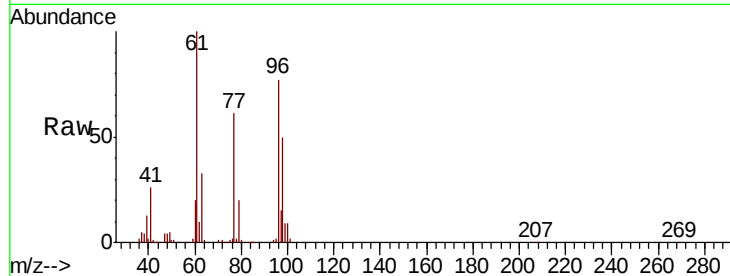


#27

cis-1,2-Dichloroethene
 Concen: 53.395 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

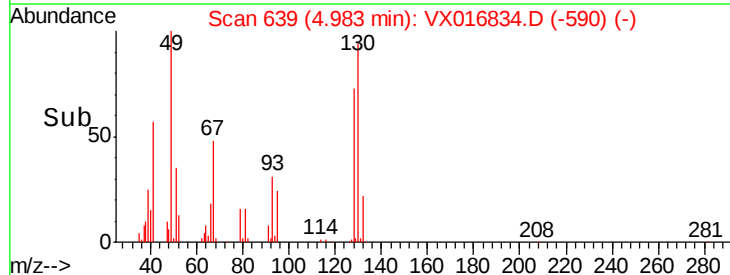
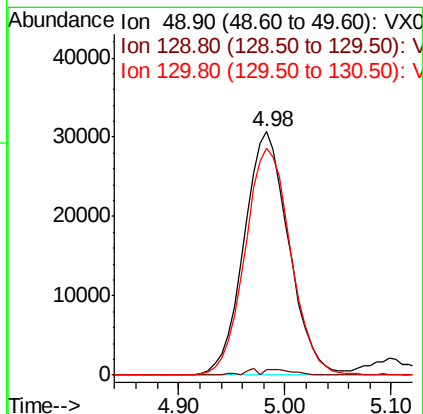
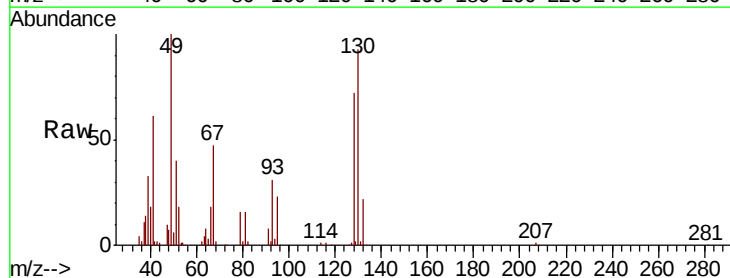
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	276.2
98	64.8	0.0	130.0

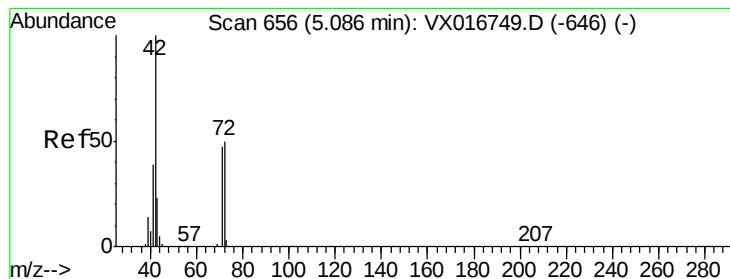


#28

Bromochloromethane
 Concen: 44.527 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.8
130	95.3	76.0	114.0





#29

Tetrahydrofuran

Concen: 311.015 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

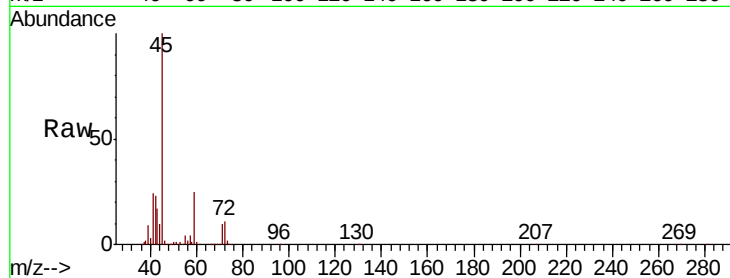
Tot Ion: 42 Resp: 410198

Ion Ratio Lower Upper

42 100

72 47.1 41.0 61.6

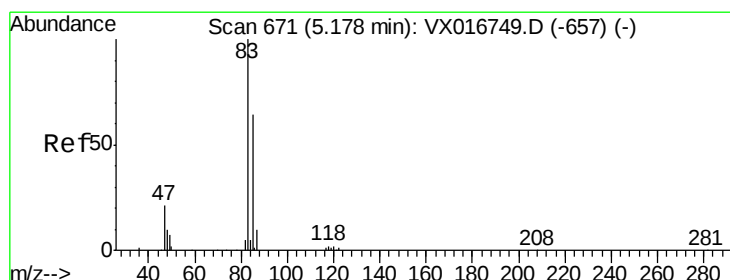
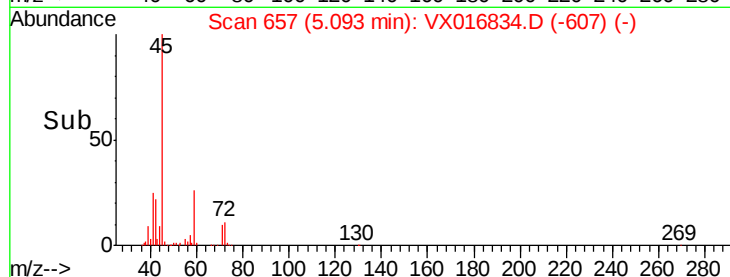
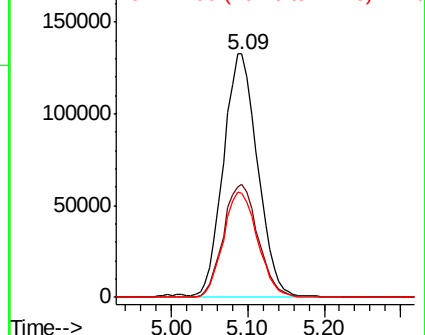
71 43.4 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.105 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016834.D

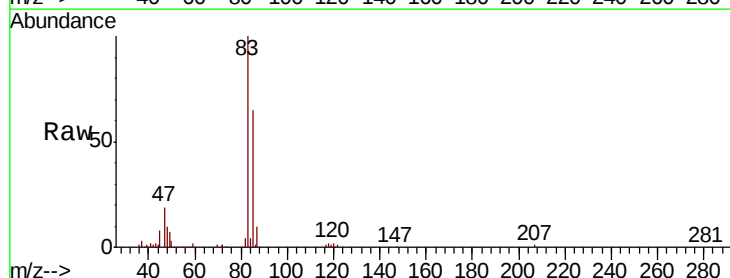
Acq: 17 Jun 2020 21:52

Tgt Ion: 83 Resp: 226895

Ion Ratio Lower Upper

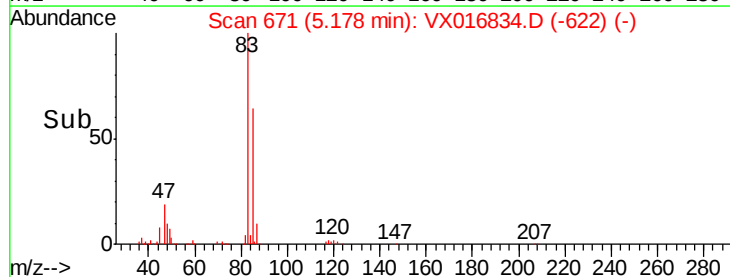
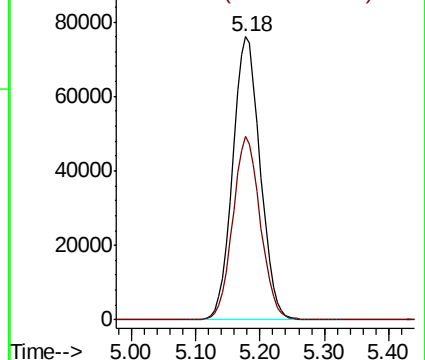
83 100

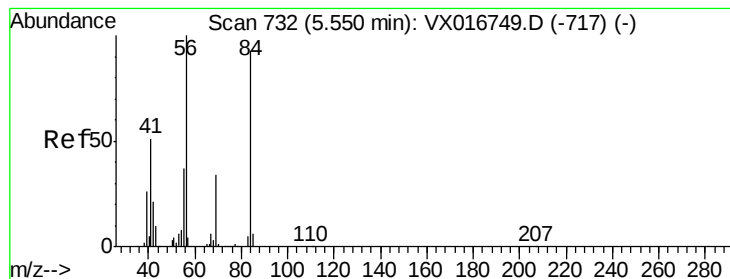
85 65.0 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 53.286 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

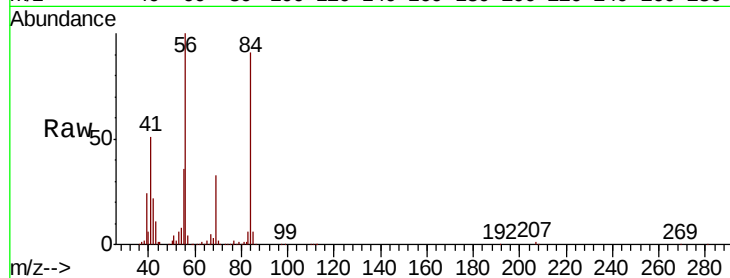
Tot Ion: 56 Resp: 204199

Ion Ratio Lower Upper

56 100

69 33.0 27.1 40.7

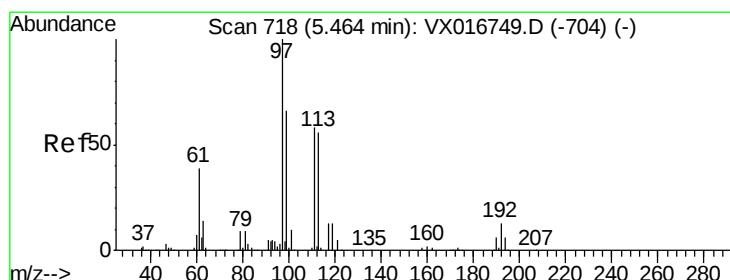
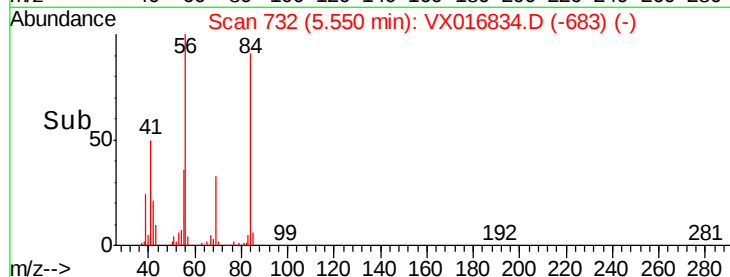
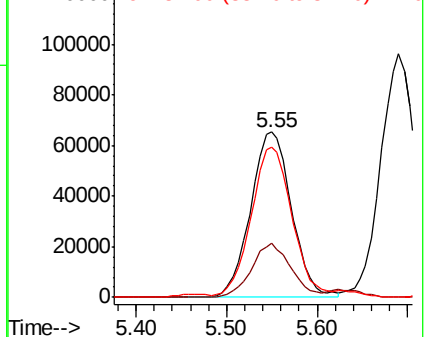
84 89.2 74.0 111.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.433 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

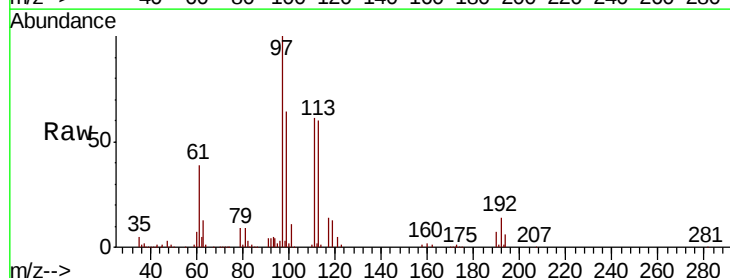
Tgt Ion: 97 Resp: 211951

Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

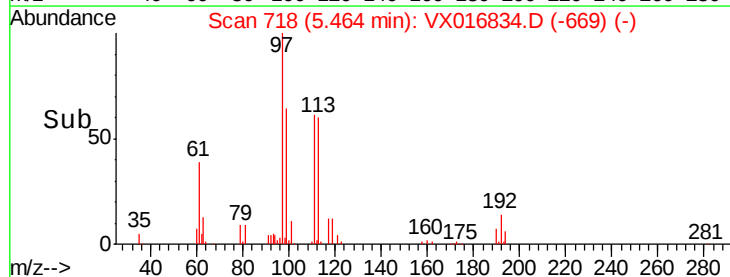
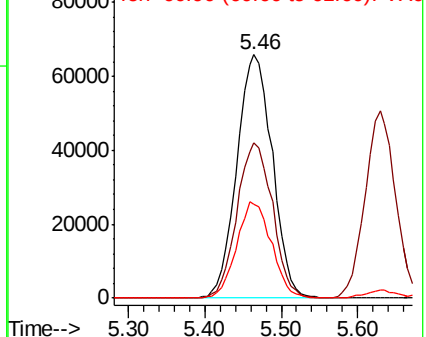
61 39.1 31.3 46.9

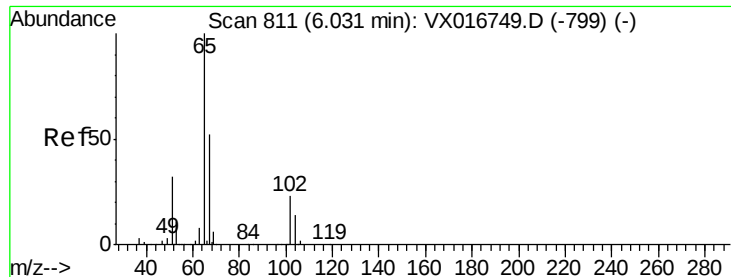


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.664 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

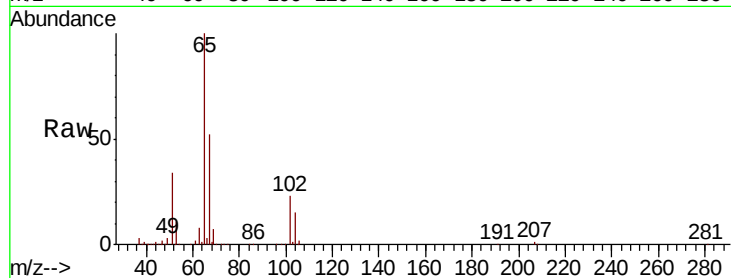
S49-0563MS

Tot Ion: 65 Resp: 156841

Ion Ratio Lower Upper

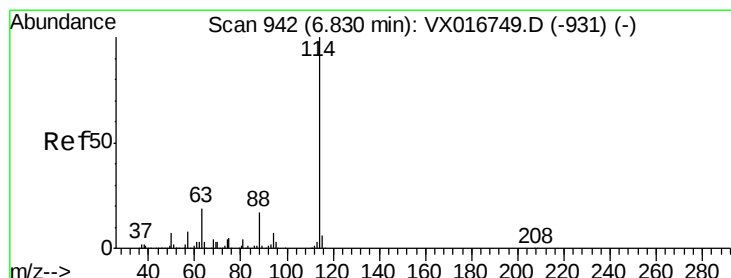
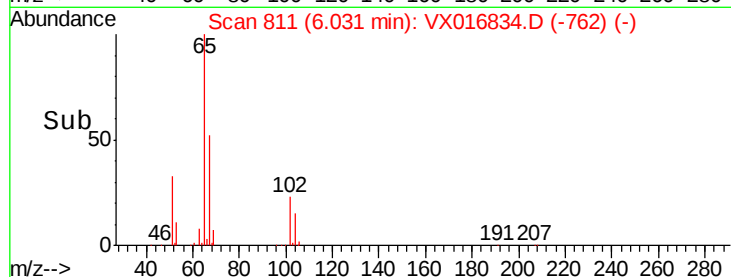
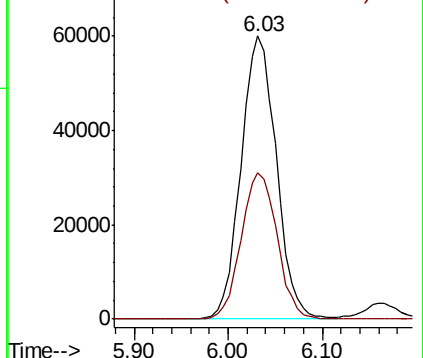
65 100

67 52.8 0.0 103.0



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: VX016834.D

Acq: 17 Jun 2020 21:52

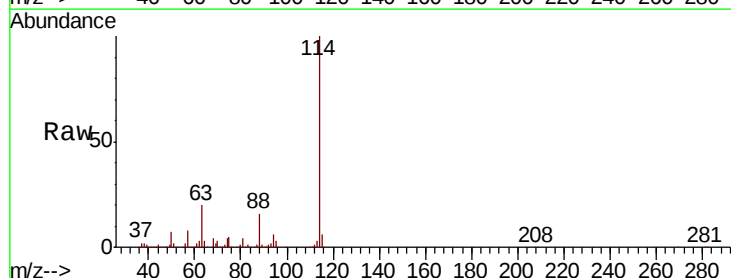
Tgt Ion: 114 Resp: 404346

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

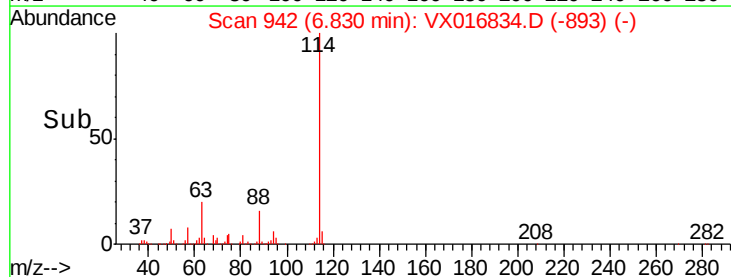
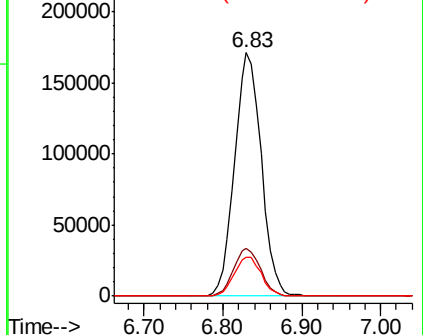
88 16.0 0.0 33.4

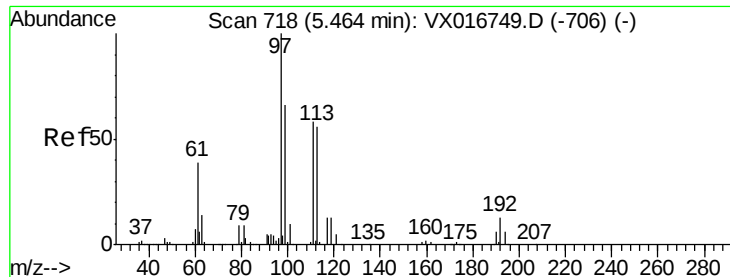


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

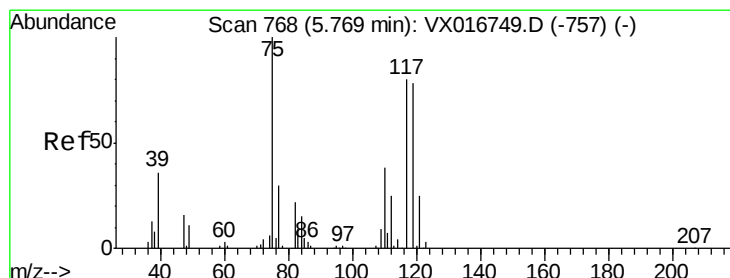
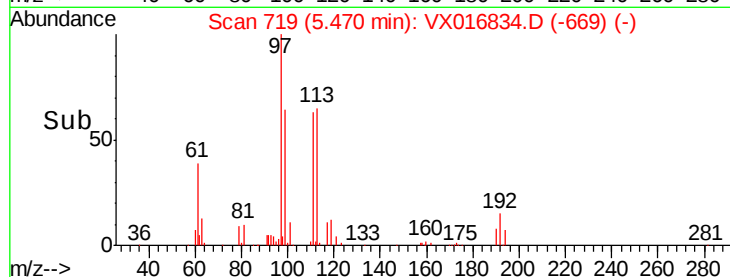
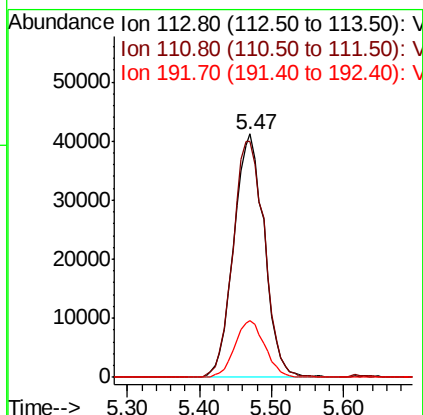
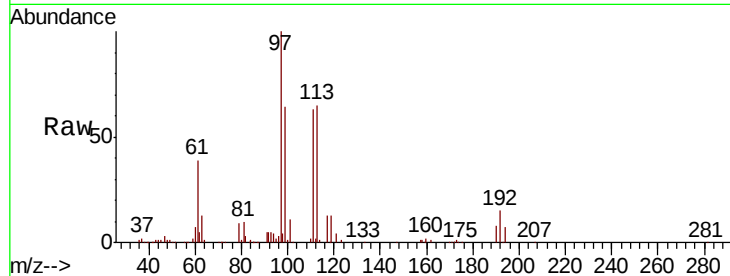




#35
 Dibromofluoromethane
 Concen: 48.535 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

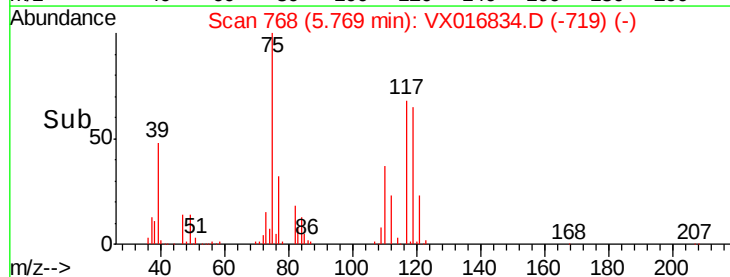
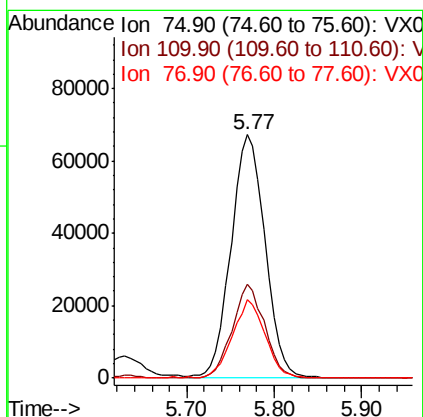
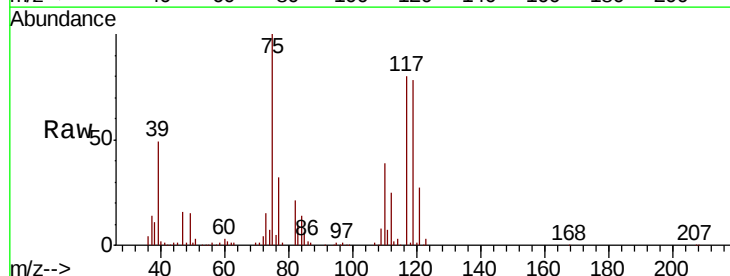
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

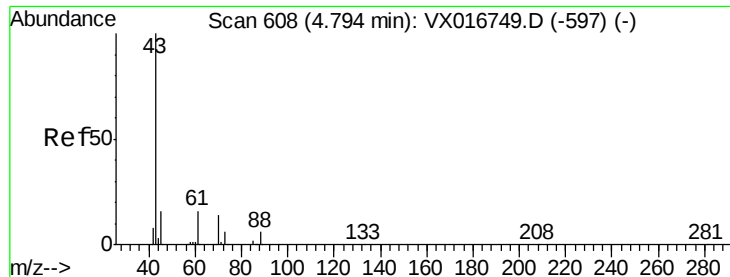
Tot Ion:113 Resp: 121082
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.6
 192 22.9 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 50.654 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion: 75 Resp: 181002
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.4 55.2
 77 30.9 24.7 37.1

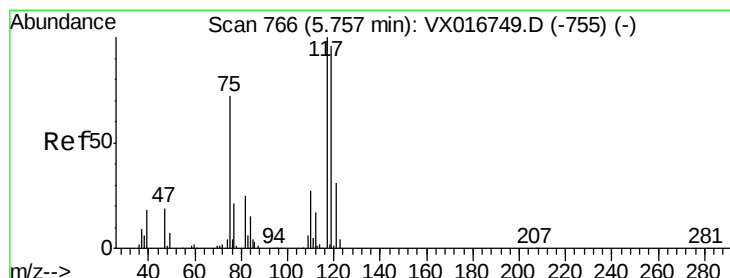
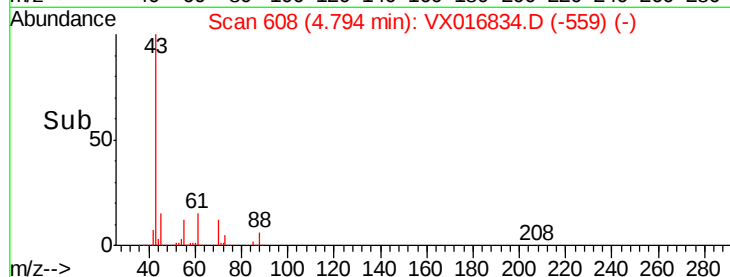
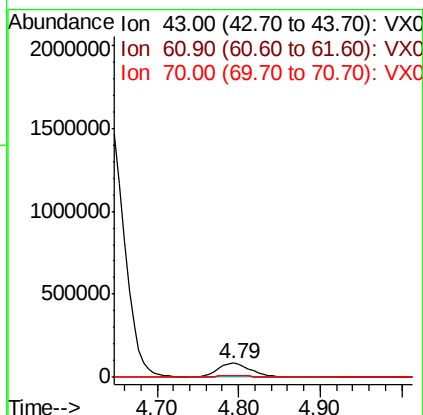
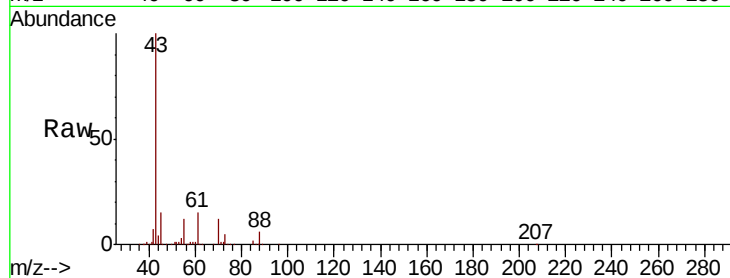




#37
Ethyl Acetate
Concen: 61.395 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

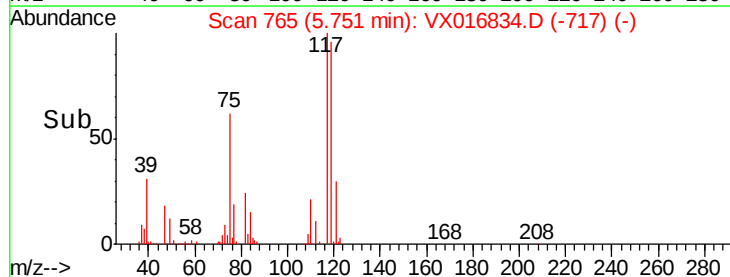
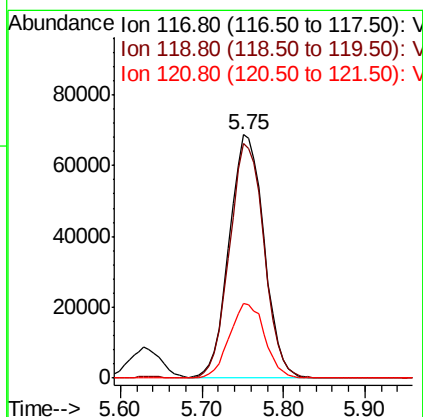
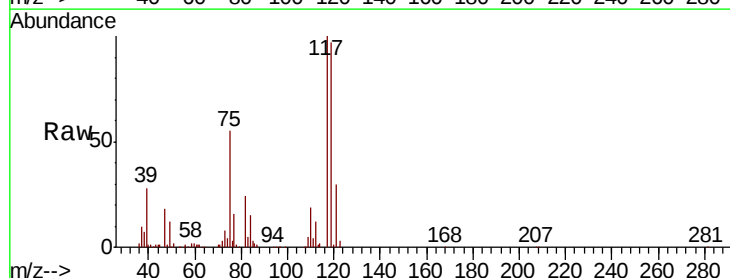
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

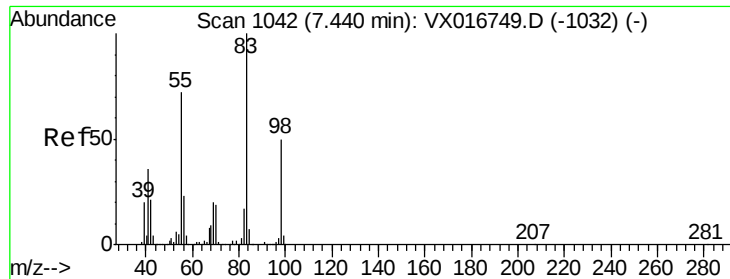
Tot Ion: 43 Resp: 240251
Ion Ratio Lower Upper
43 100
61 15.1 12.4 18.6
70 12.3 10.8 16.2



#38
Carbon Tetrachloride
Concen: 49.991 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 117 Resp: 202873
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1
121 30.4 24.7 37.1

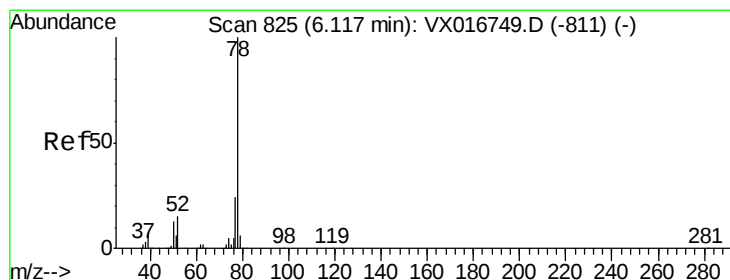
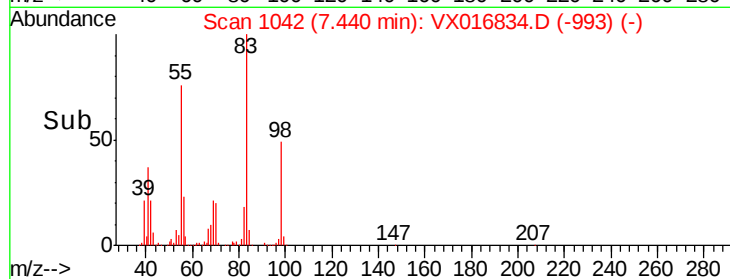
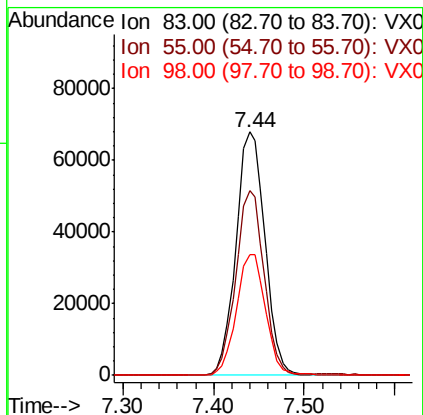
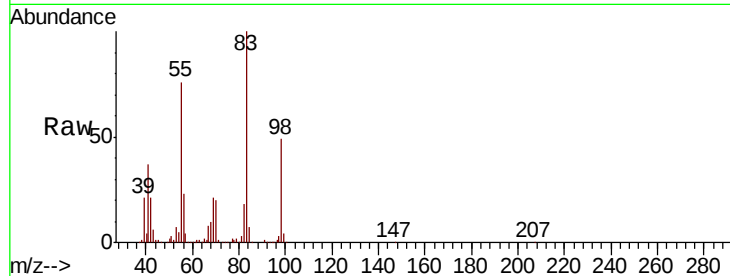




#39
Methvlcvclohexane
Concen: 36.562 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

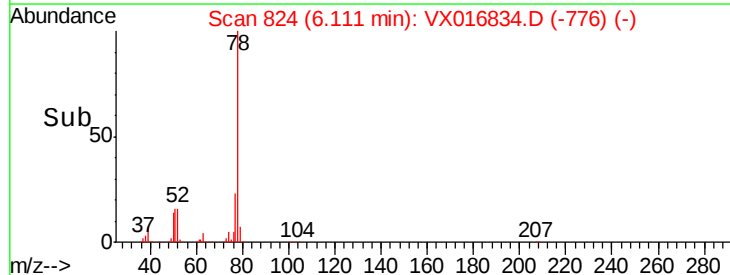
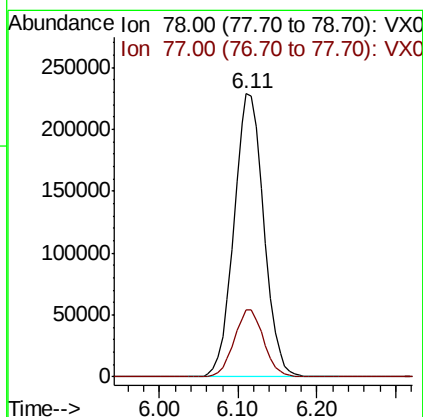
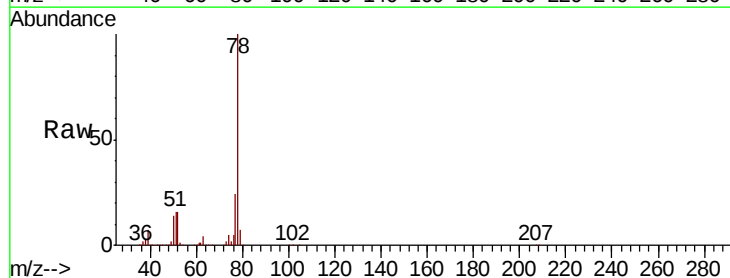
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

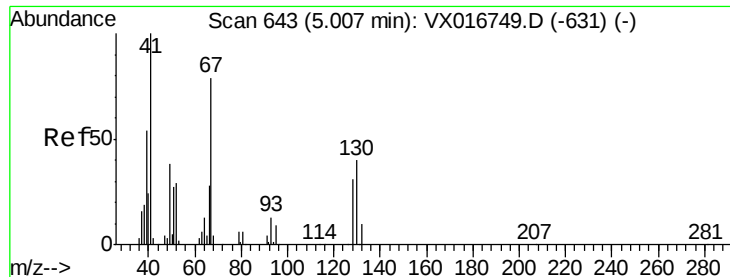
Tot Ion: 83 Resp: 150416
Ion Ratio Lower Upper
83 100
55 75.7 57.3 85.9
98 49.5 40.3 60.5



#40
Benzene
Concen: 55.236 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 78 Resp: 600949
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4





#41

Methacrylonitrile

Concen: 49.822 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampled :

S49-0563MS

Tot Ion: 41 Resp: 103954

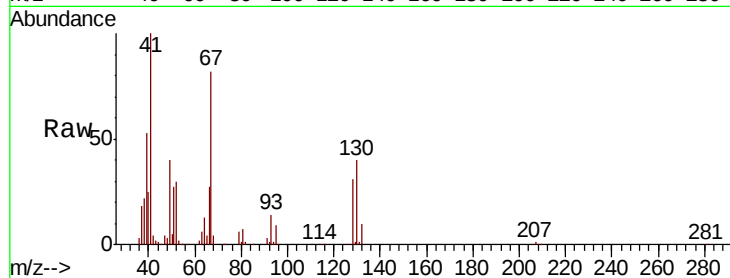
Ion Ratio Lower Upper

41 100

39 55.7 43.7 65.5

67 82.3 64.6 96.8

52 31.4 25.6 38.4

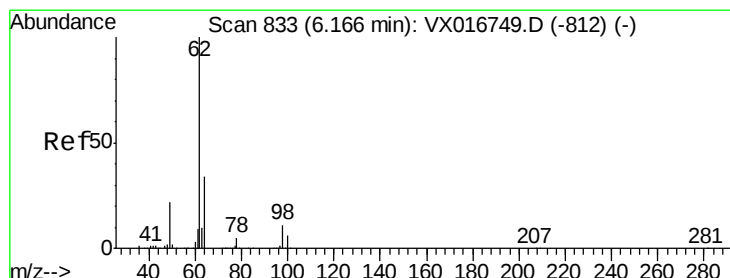
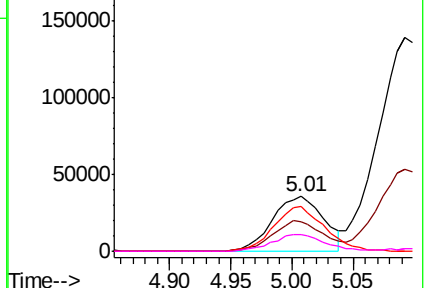
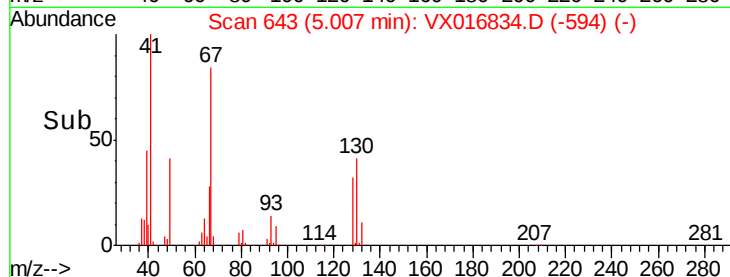


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.976 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016834.D

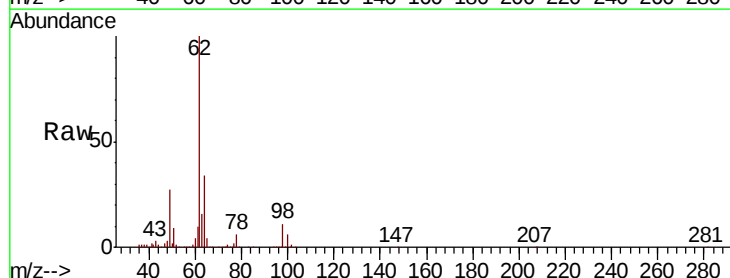
Acq: 17 Jun 2020 21:52

Tgt Ion: 62 Resp: 206387

Ion Ratio Lower Upper

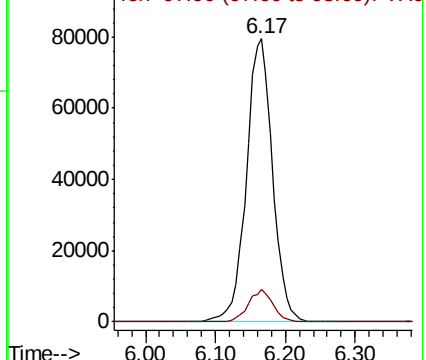
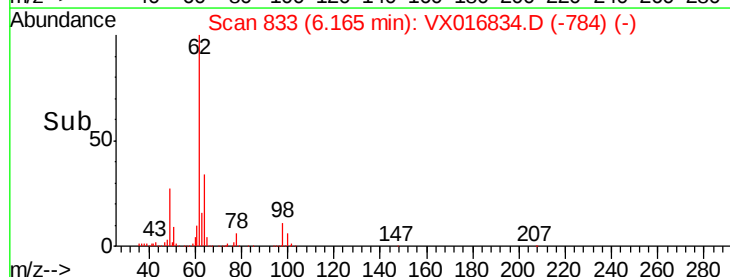
62 100

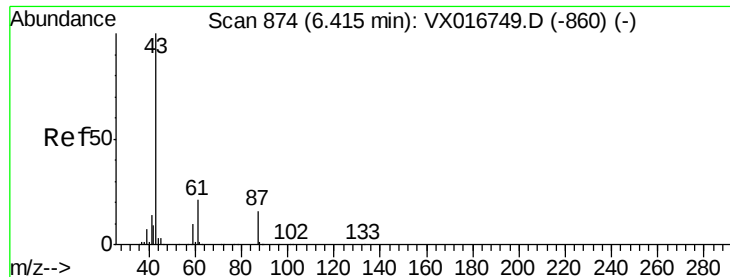
98 10.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



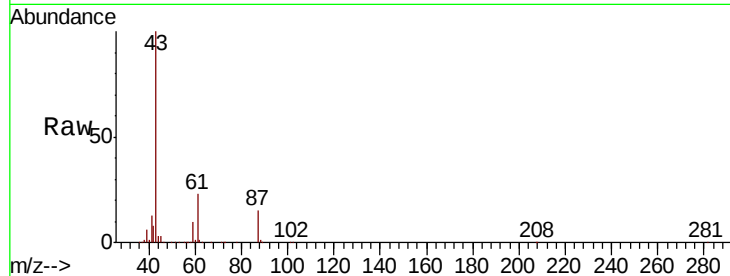


#43

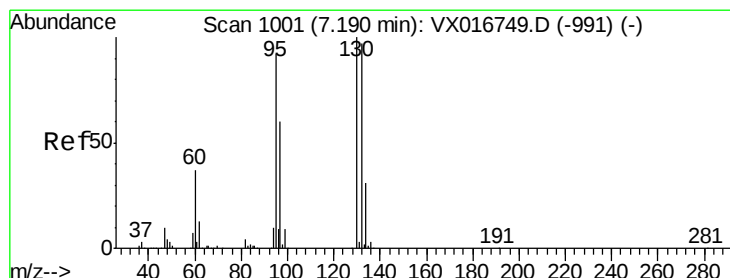
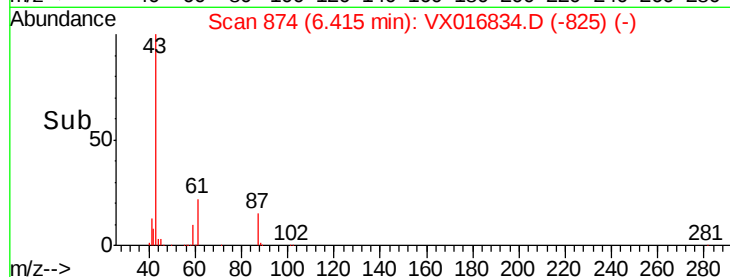
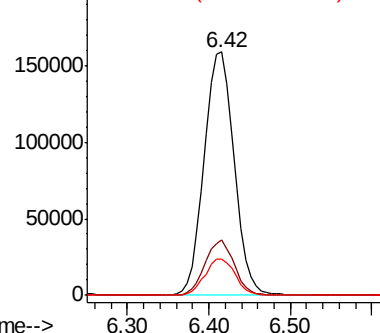
Isopropyl Acetate
 Concen: 65.522 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion: 43 Resp: 401851
 Ion Ratio Lower Upper
 43 100
 61 22.3 17.7 26.5
 87 15.1 12.5 18.7



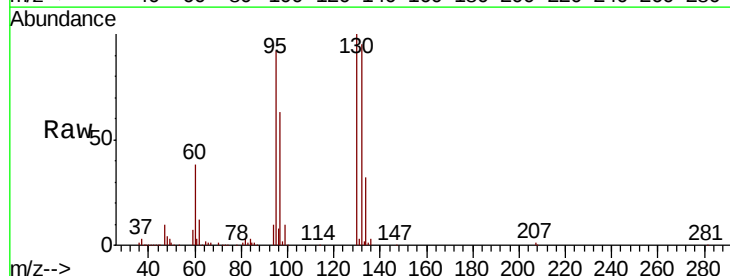
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



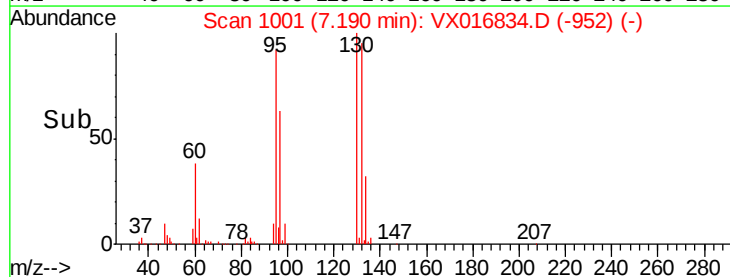
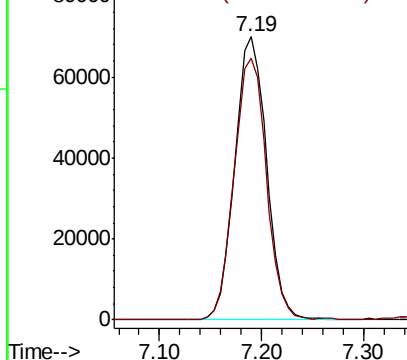
#44

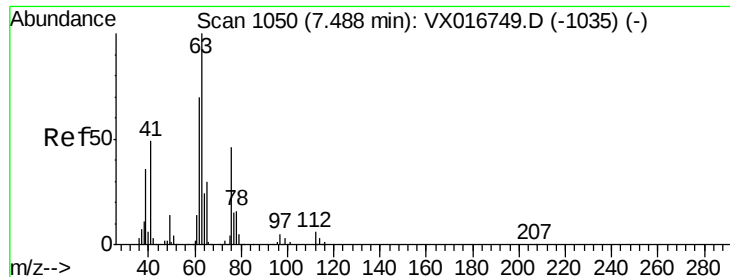
Trichloroethene
 Concen: 44.951 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion: 130 Resp: 151273
 Ion Ratio Lower Upper
 130 100
 95 92.2 0.0 183.6



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





#45

1,2-Dichloropropane

Concen: 46.667 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

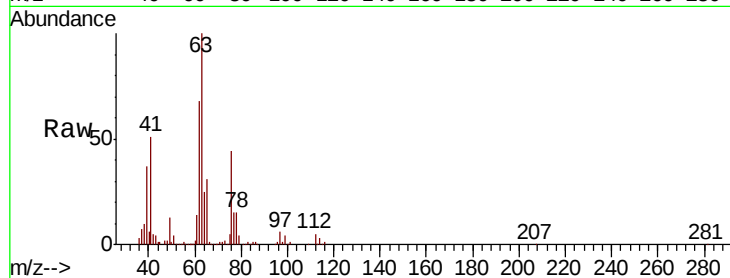
S49-0563MS

Tot Ion: 63 Resp: 124459

Ion Ratio Lower Upper

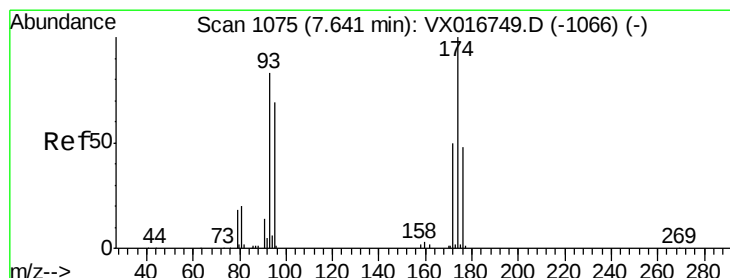
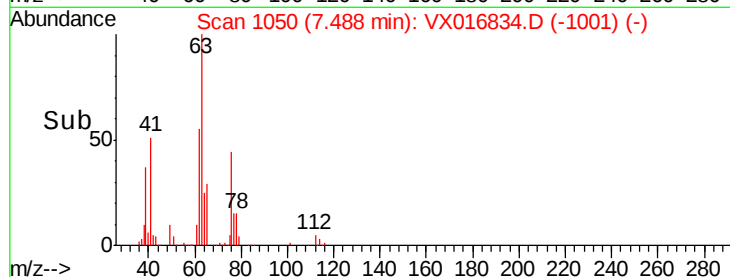
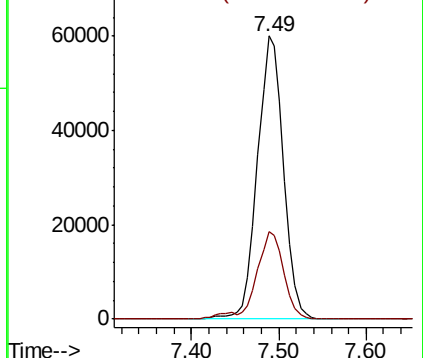
63 100

65 31.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.464 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

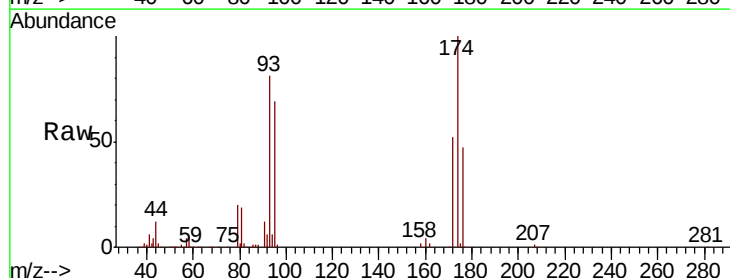
Tgt Ion: 93 Resp: 90317

Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

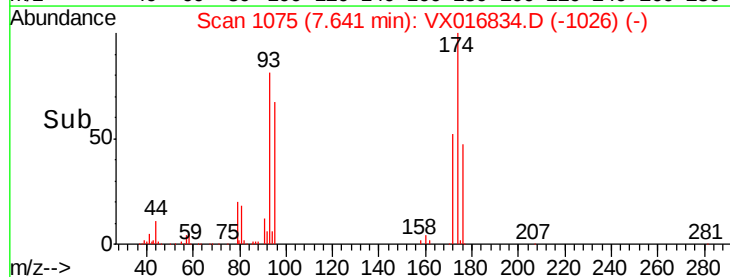
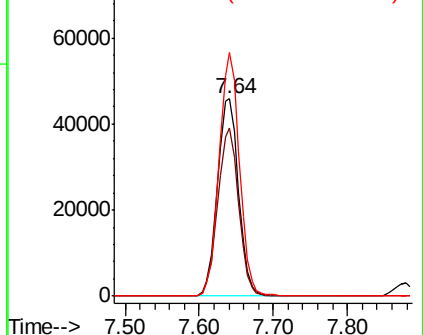
174 118.6 93.8 140.8

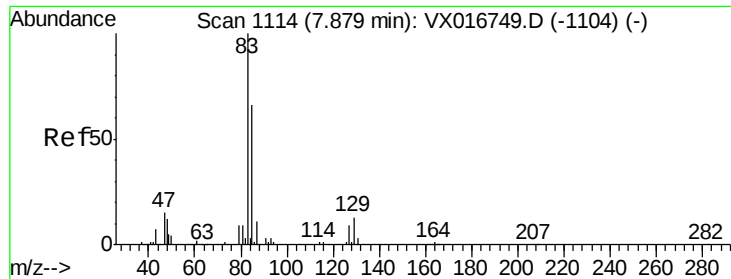


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

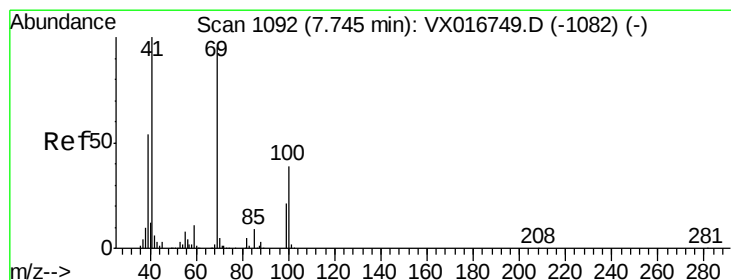
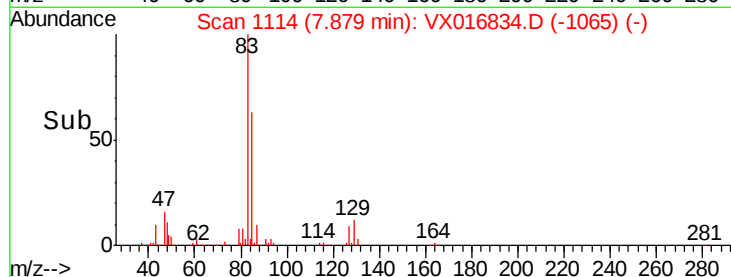
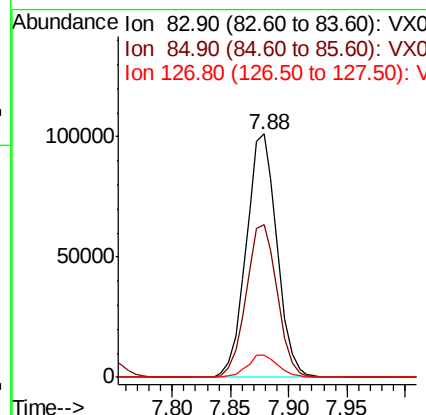
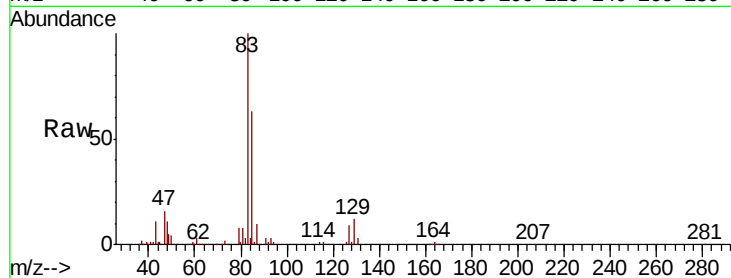




#47
 Bromodichloromethane
 Concen: 45.823 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

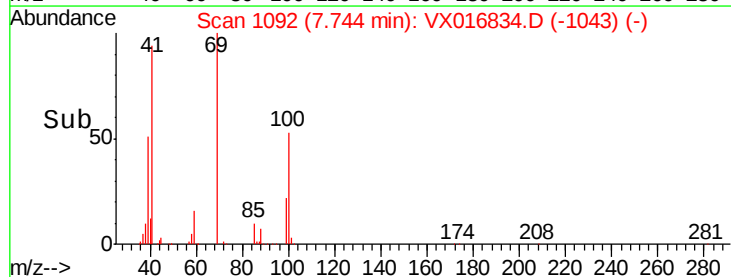
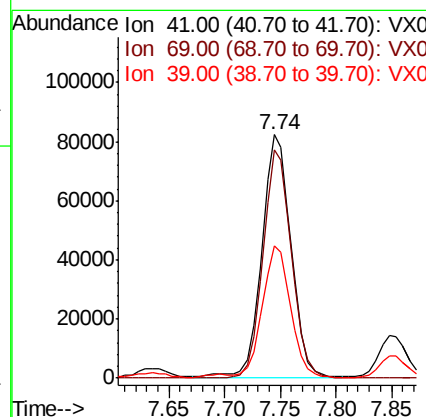
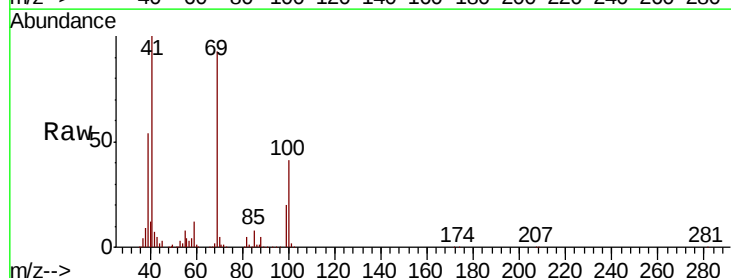
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

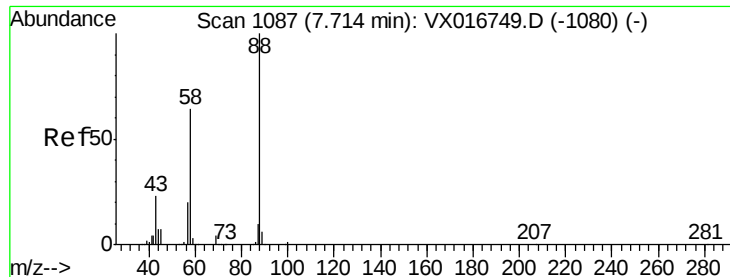
Tot Ion	83	Resp	185696
Ion Ratio	Lower	Upper	
83	100		
85	62.8	52.5	78.7
127	9.3	7.5	11.3



#48
 Methyl methacrylate
 Concen: 51.408 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	41	Resp	149436
Ion Ratio	Lower	Upper	
41	100		
69	92.3	75.0	112.6
39	52.9	44.3	66.5





#49

1,4-Dioxane

Concen: 1139.329 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

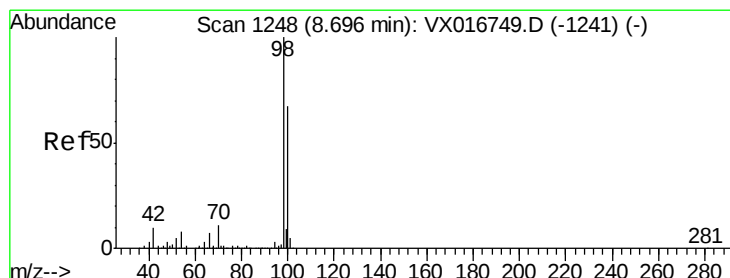
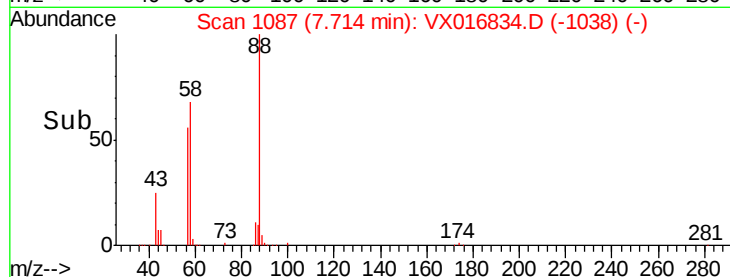
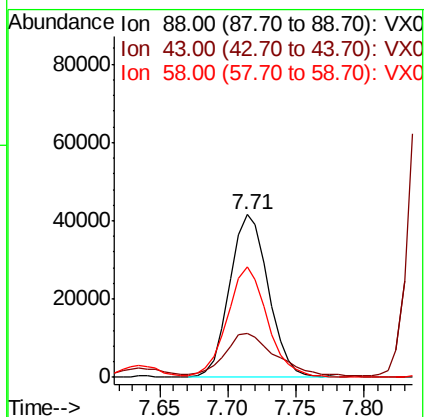
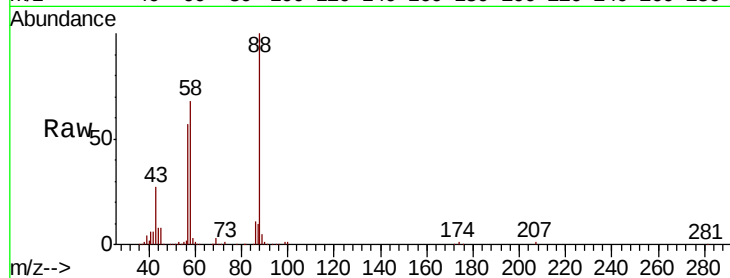
Tot Ion: 88 Resp: 81959

Ion Ratio Lower Upper

88 100

43 32.7 22.9 34.3

58 70.8 53.7 80.5



#50

Toluene-d8

Concen: 46.805 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016834.D

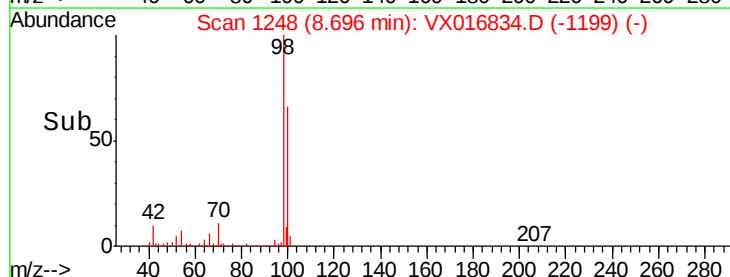
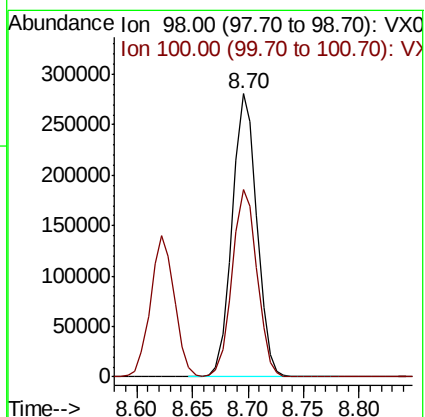
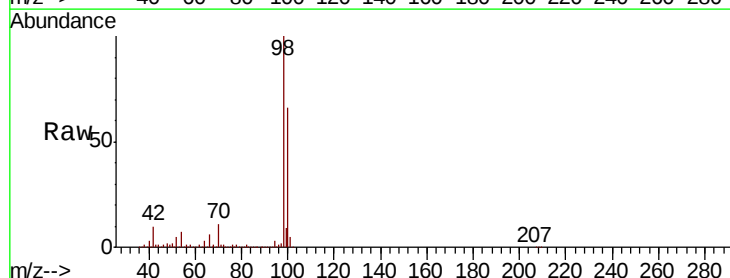
Acq: 17 Jun 2020 21:52

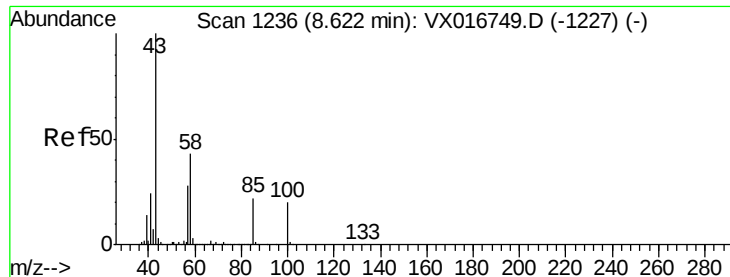
Tgt Ion: 98 Resp: 430550

Ion Ratio Lower Upper

98 100

100 66.7 53.9 80.9





#51

4-Methyl-2-Pentanone

Concen: 279.790 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

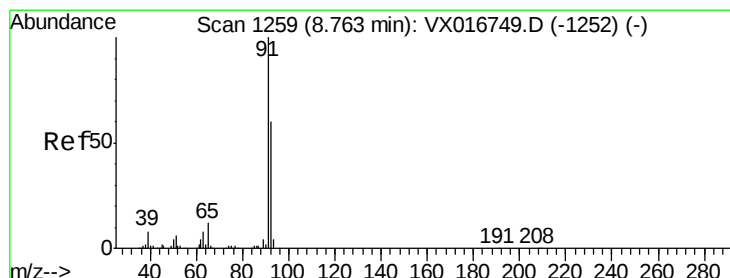
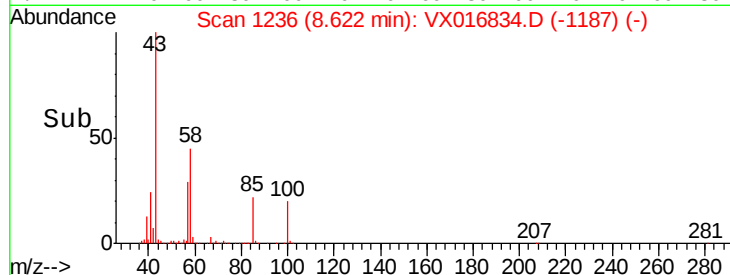
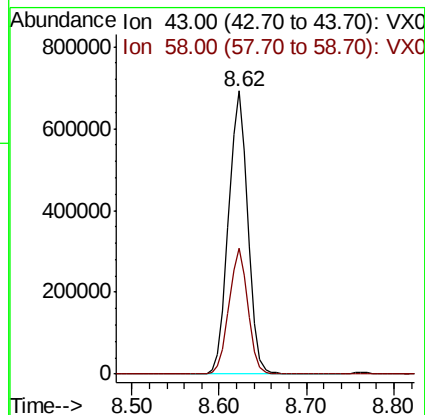
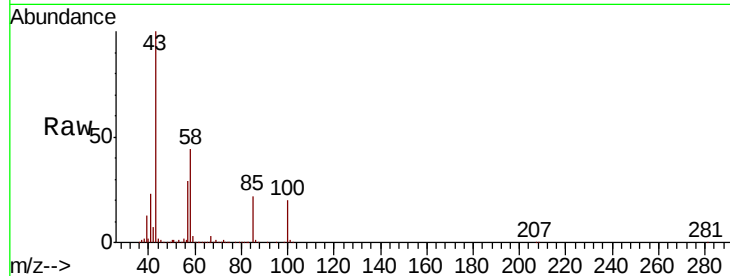
S49-0563MS

Tot Ion: 43 Resp: 1057396

Ion Ratio Lower Upper

43 100

58 43.4 34.6 52.0



#52

Toluene

Concen: 48.413 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016834.D

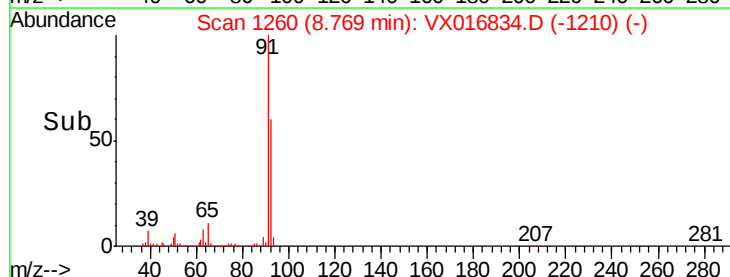
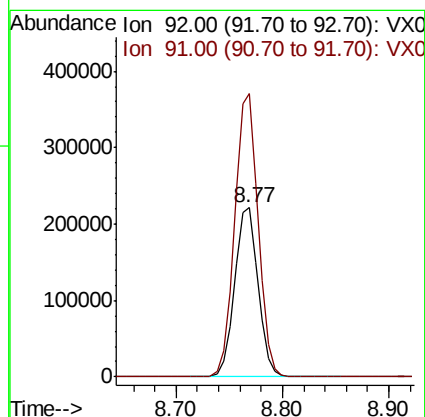
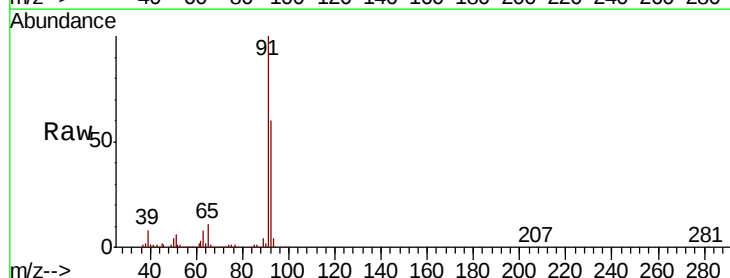
Acq: 17 Jun 2020 21:52

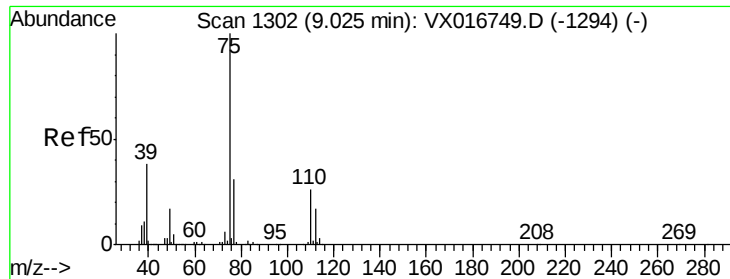
Tgt Ion: 92 Resp: 342129

Ion Ratio Lower Upper

92 100

91 167.6 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 45.391 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

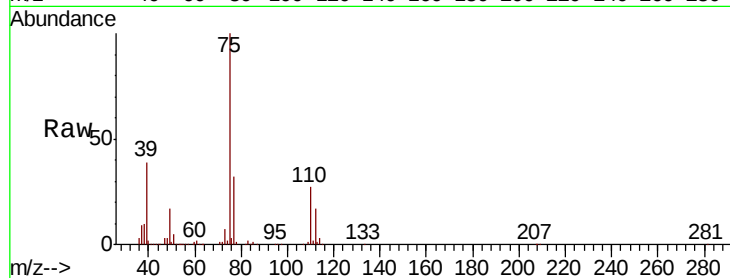
S49-0563MS

Tot Ion: 75 Resp: 207762

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

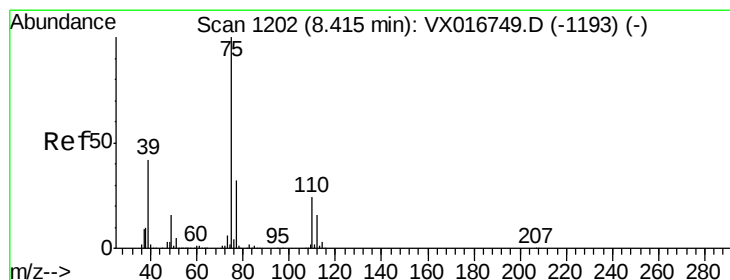
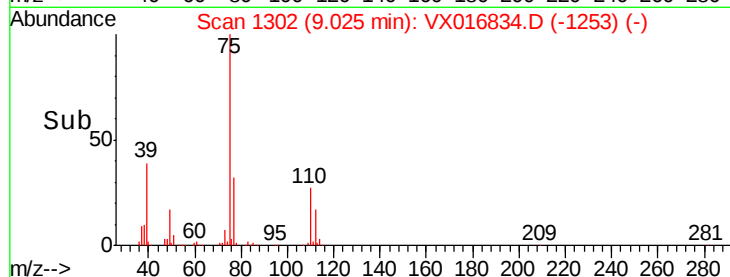
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 45.306 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

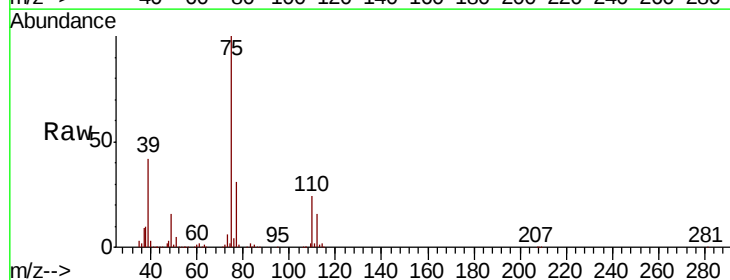
Tgt Ion: 75 Resp: 216310

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

39 41.7 33.7 50.5



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

8.42

150000

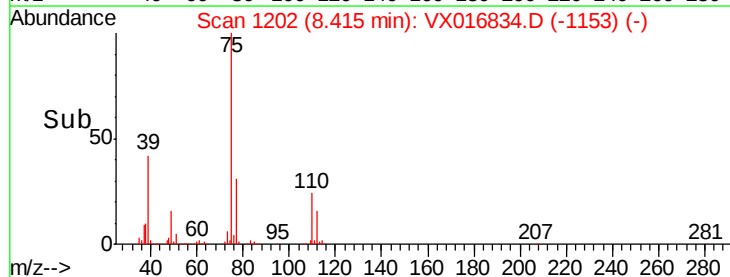
100000

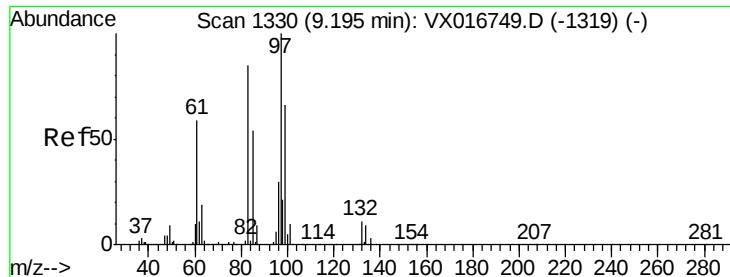
50000

0

Time-->

8.30 8.35 8.40 8.45 8.50

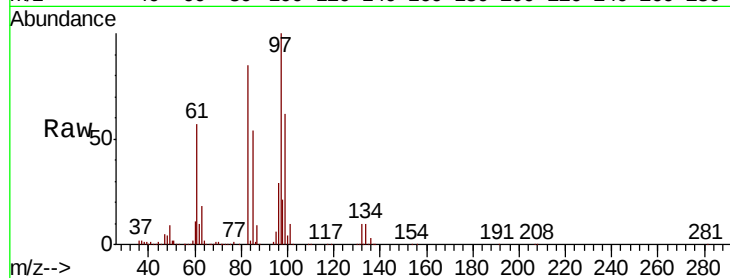




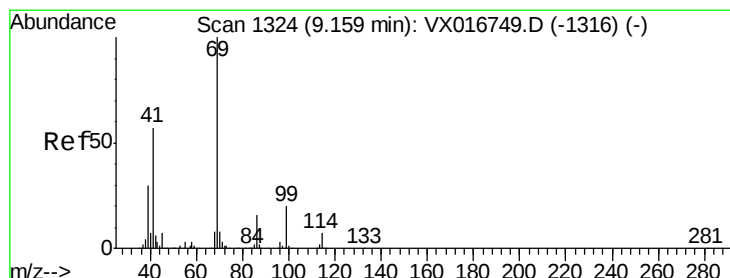
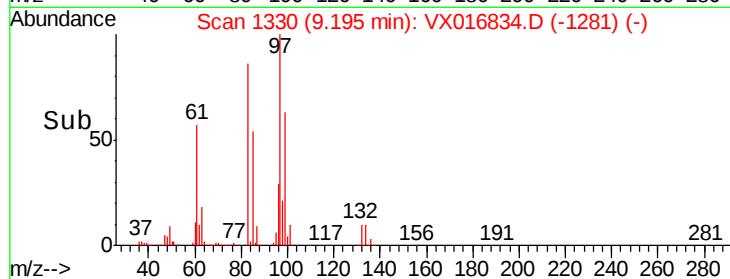
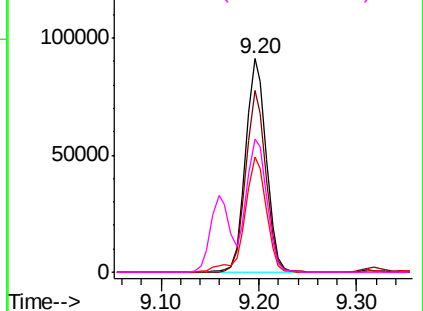
#55
 1,1,2-Trichloroethane
 Concen: 47.185 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

Tot Ion:	97	Resp:	134100
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.3	102.5
85	53.9	43.5	65.3
99	62.5	52.4	78.6

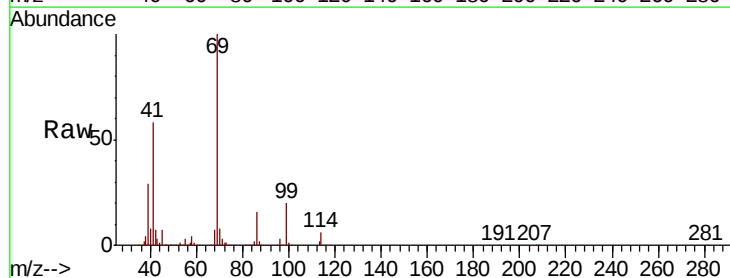


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

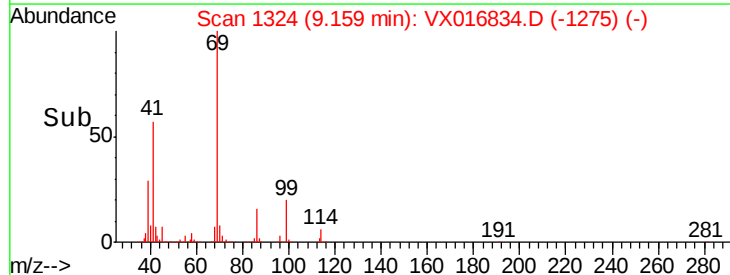
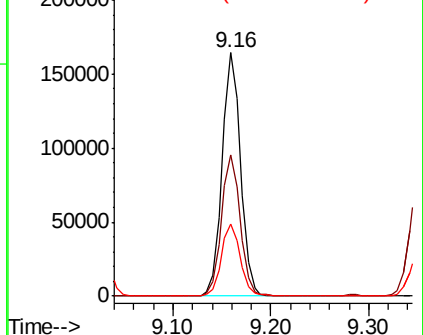


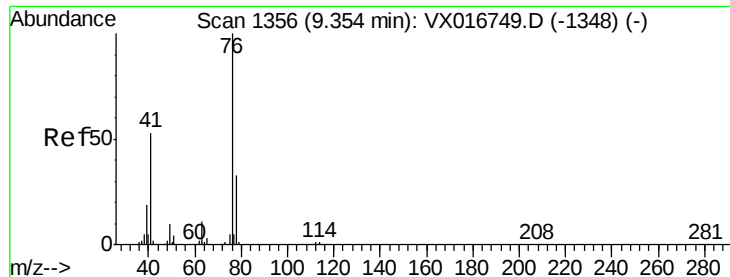
#56
 Ethyl methacrylate
 Concen: 50.798 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion:	69	Resp:	216152
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.1	70.7
39	29.9	25.0	37.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.262 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

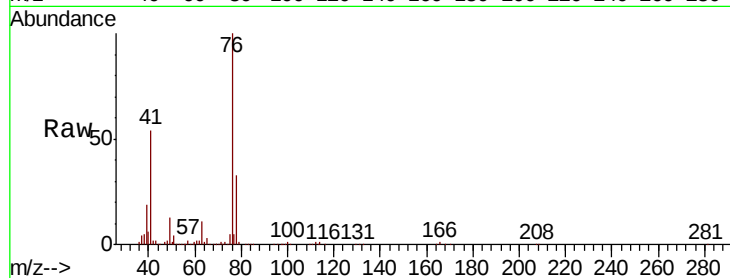
S49-0563MS

Tot Ion: 76 Resp: 221010

Ion Ratio Lower Upper

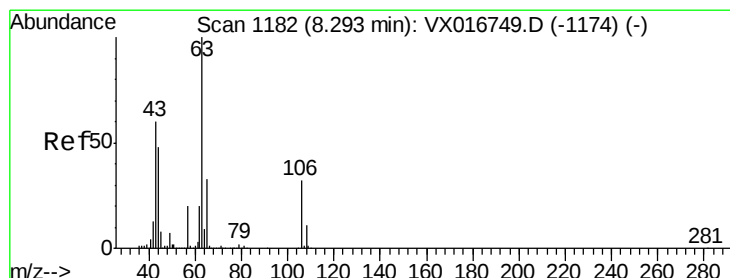
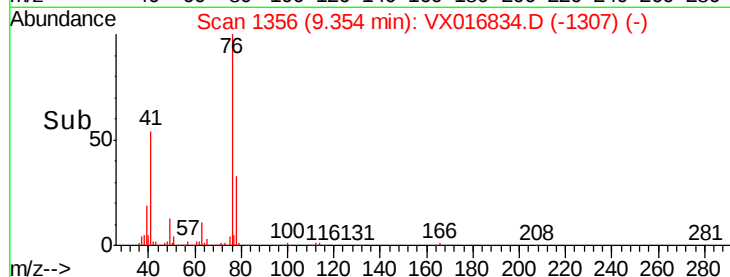
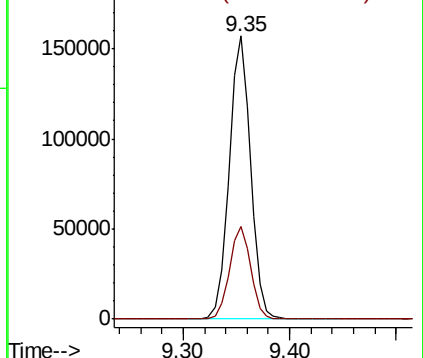
76 100

78 32.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 237.556 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016834.D

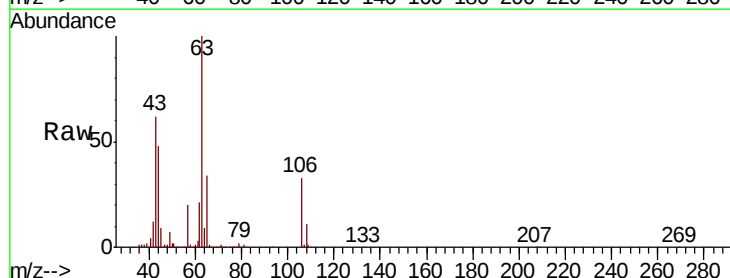
Acq: 17 Jun 2020 21:52

Tgt Ion: 63 Resp: 497014

Ion Ratio Lower Upper

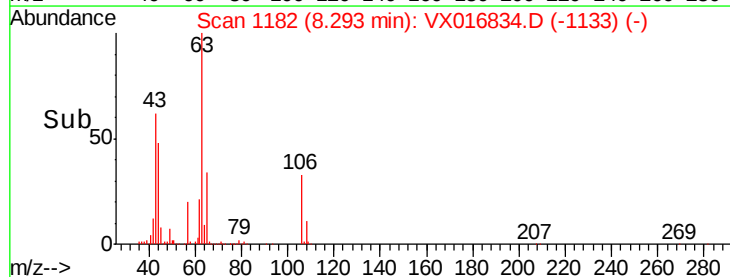
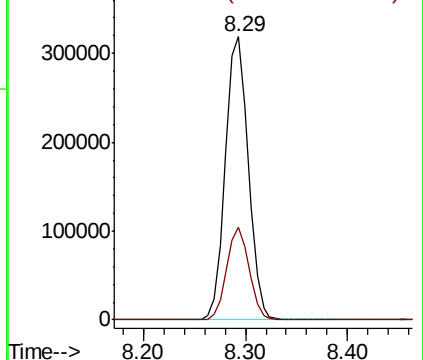
63 100

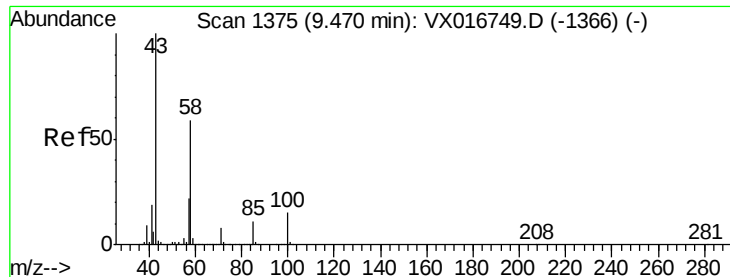
106 32.0 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

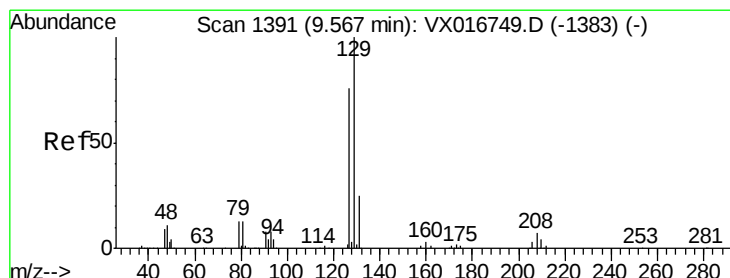
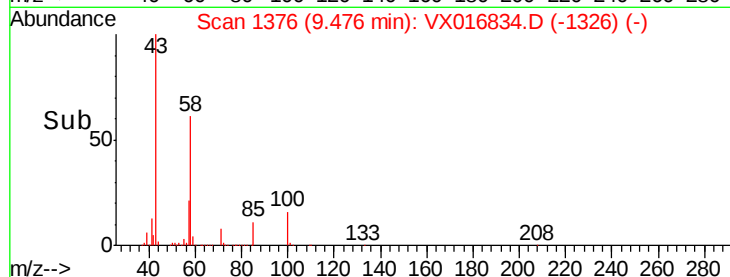
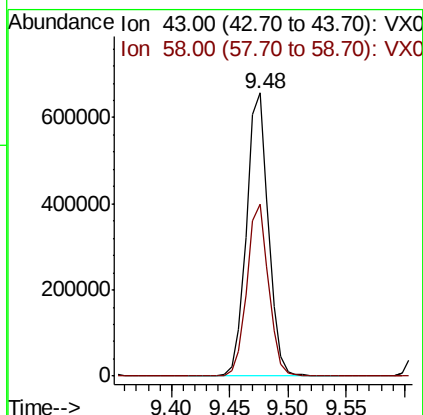
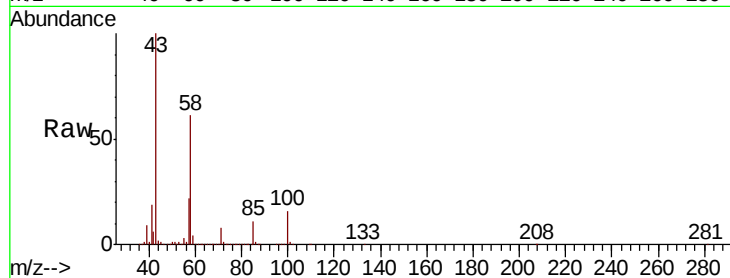




#59
2-Hexanone
Concen: 295.289 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

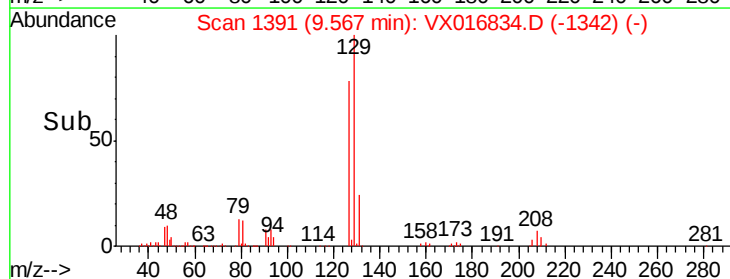
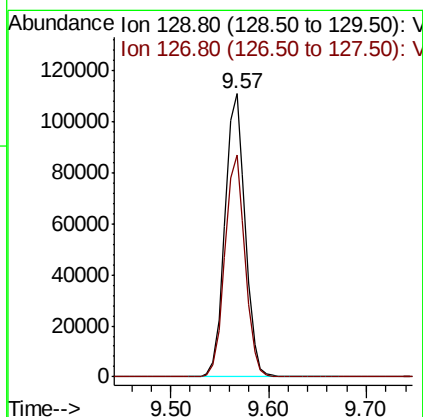
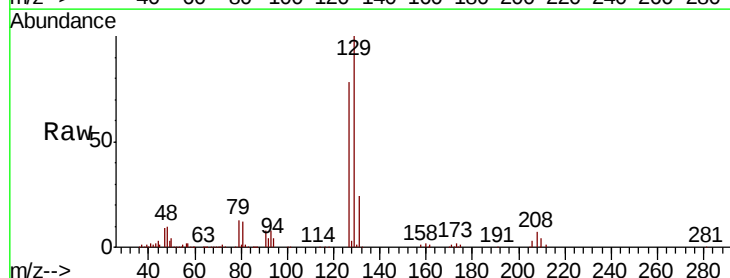
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

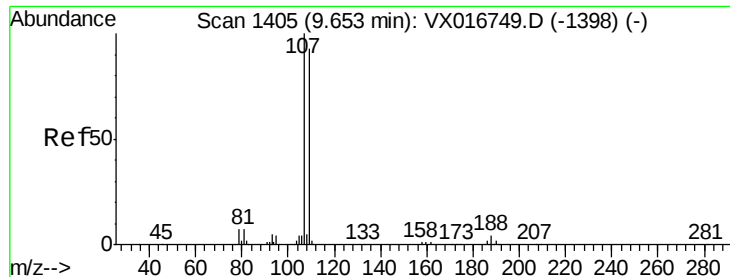
Tot Ion: 43 Resp: 861492
Ion Ratio Lower Upper
43 100
58 60.6 29.9 89.8



#60
Dibromochloromethane
Concen: 47.444 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 129 Resp: 159356
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 47.996 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

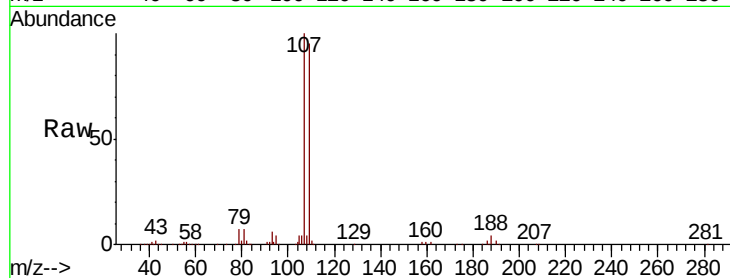
S49-0563MS

Tot Ion:107 Resp: 148657

Ion Ratio Lower Upper

107 100

109 95.0 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

60000

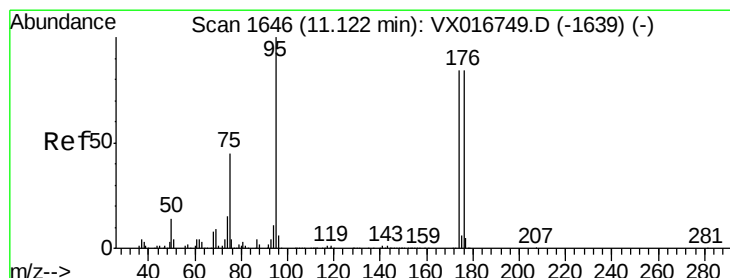
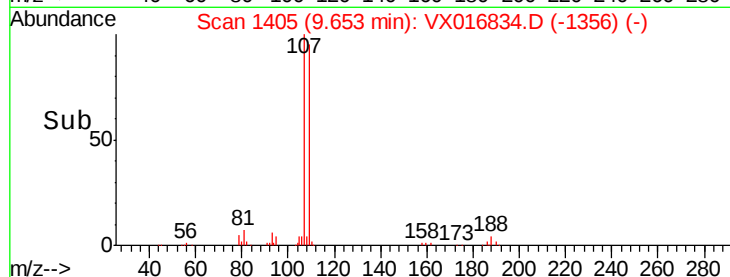
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 46.615 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

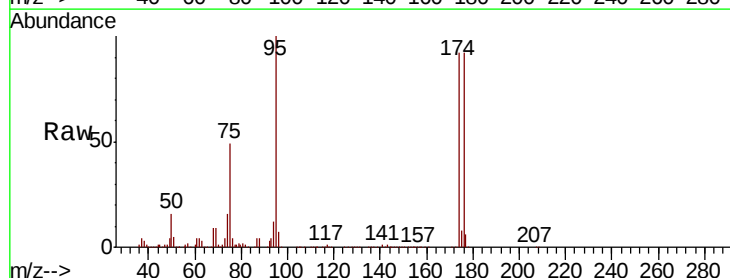
Tgt Ion: 95 Resp: 164016

Ion Ratio Lower Upper

95 100

174 88.1 0.0 171.0

176 86.5 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

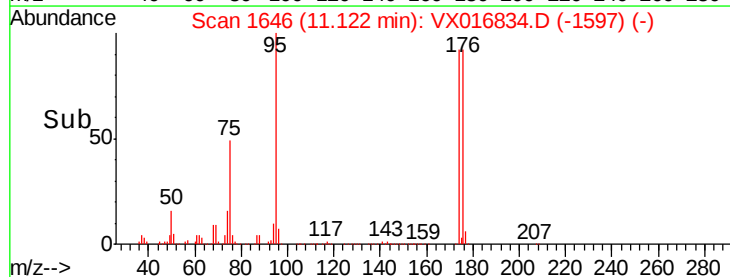
100000

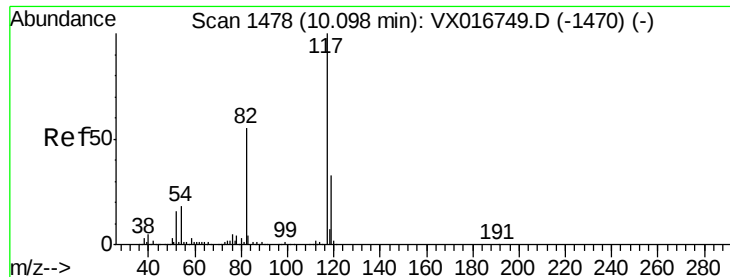
50000

0

Time-->

11.10 11.20

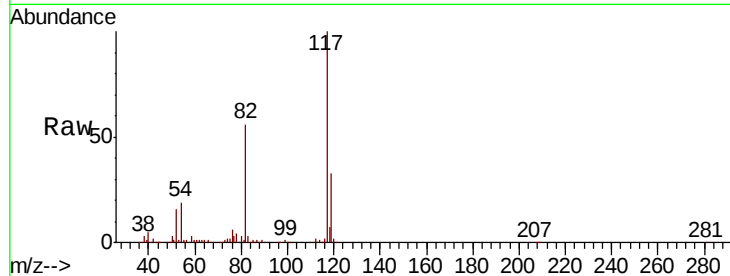




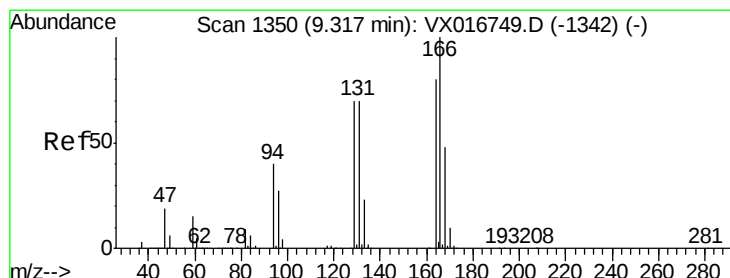
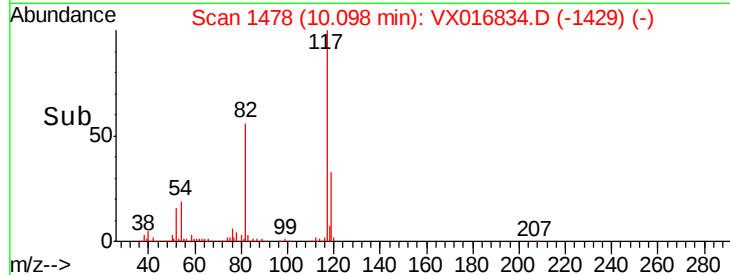
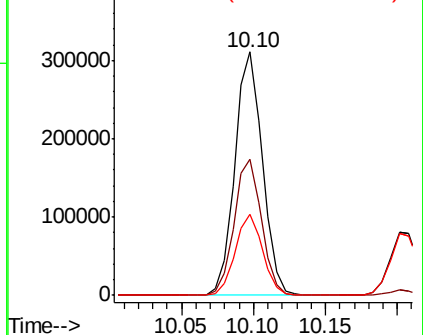
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

Tot Ion:117 Resp: 415521
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.6
119 33.4 26.2 39.4



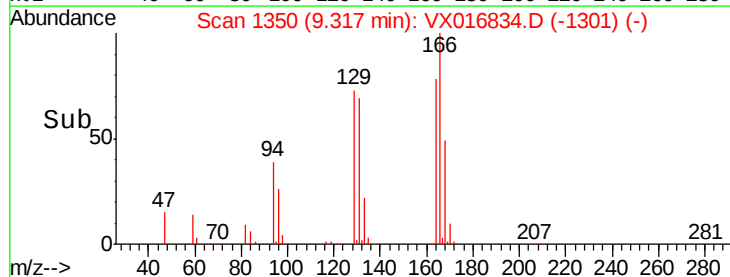
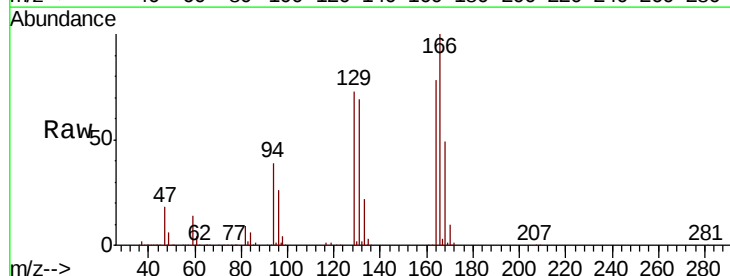
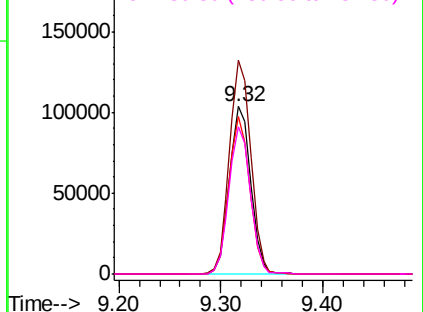
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

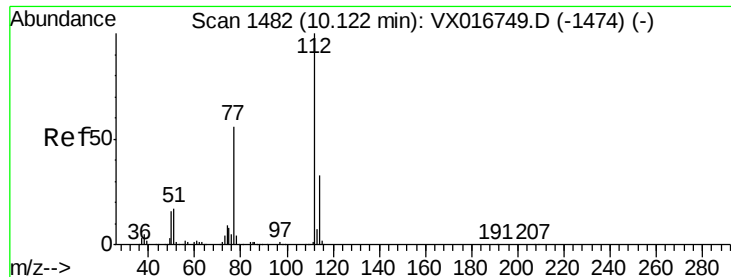


#64
Tetrachloroethene
Concen: 37.448 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion:164 Resp: 149420
Ion Ratio Lower Upper
164 100
166 127.7 100.6 150.8
129 93.9 70.1 105.1
131 88.3 70.8 106.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

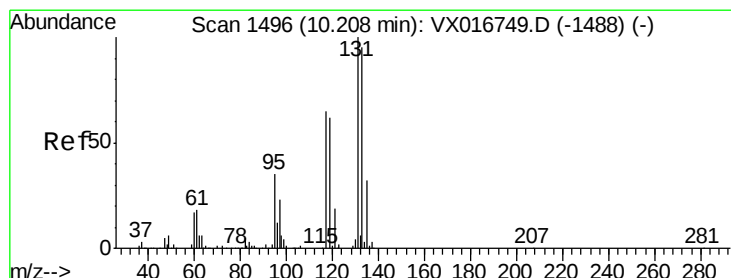
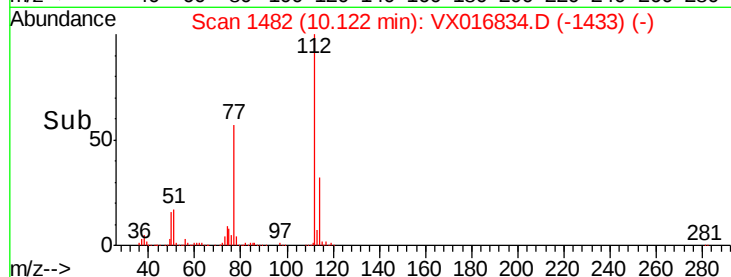
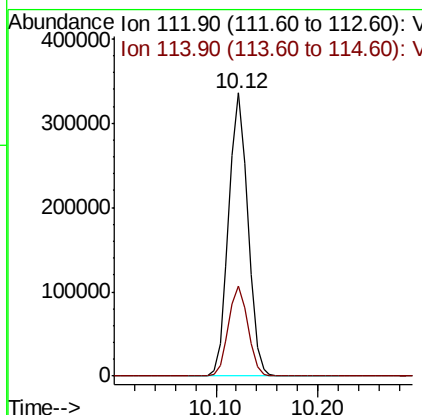
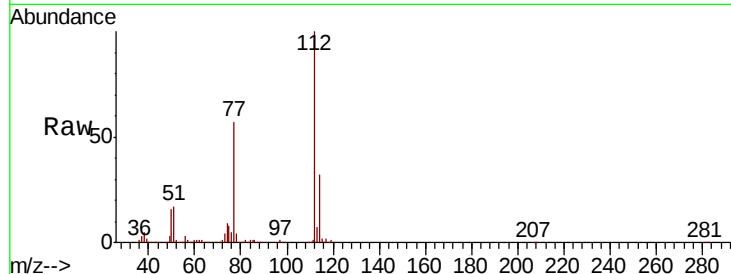




#65
Chlorobenzene
Concen: 51.819 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

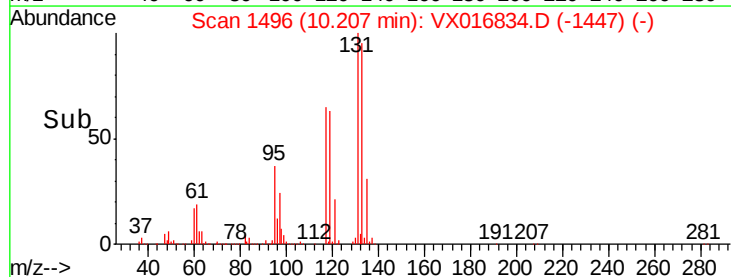
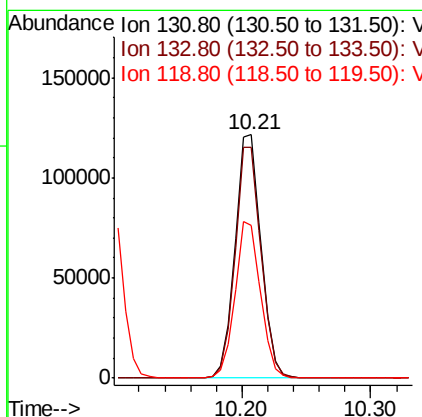
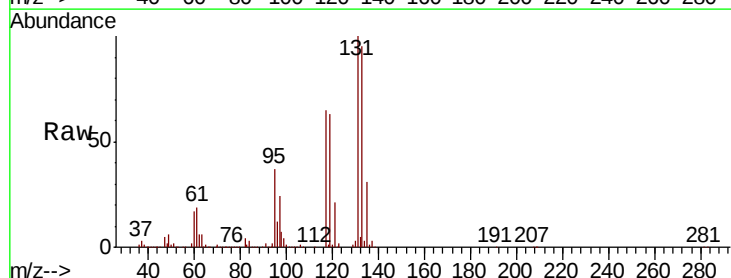
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

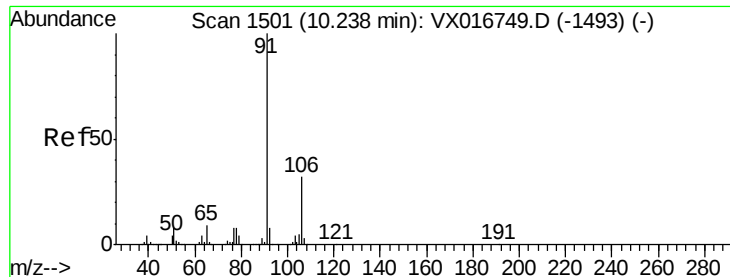
Tot Ion:112 Resp: 436901
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.597 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion:131 Resp: 170182
Ion Ratio Lower Upper
131 100
133 95.2 46.8 140.3
119 63.3 31.4 94.0

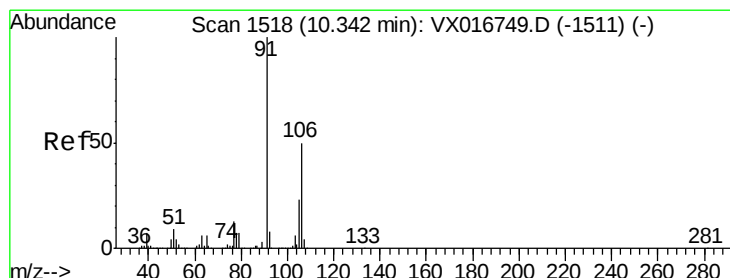
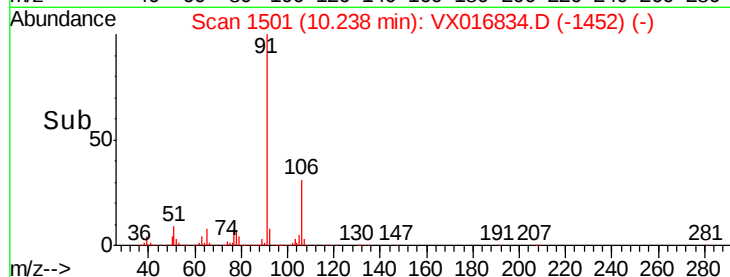
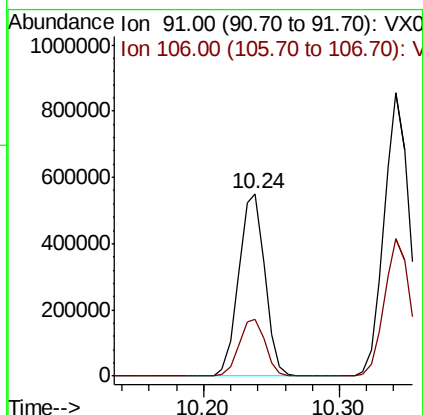
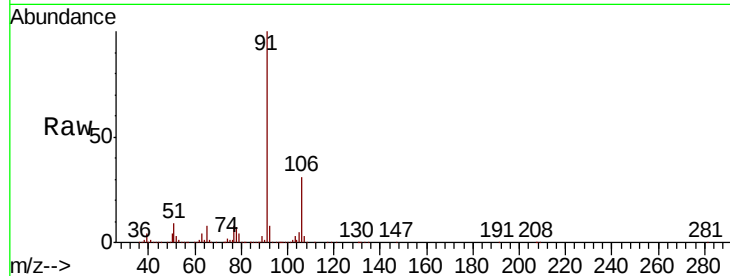




#67
Ethyl Benzene
Concen: 51.459 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

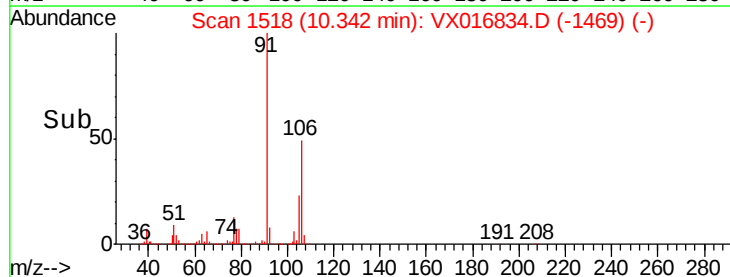
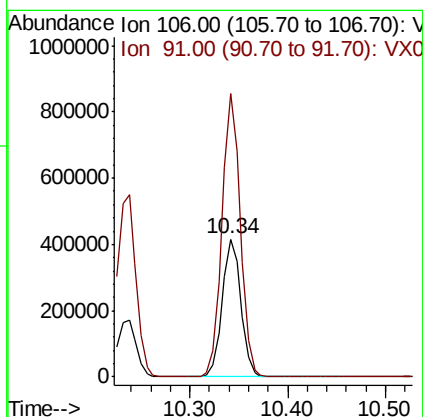
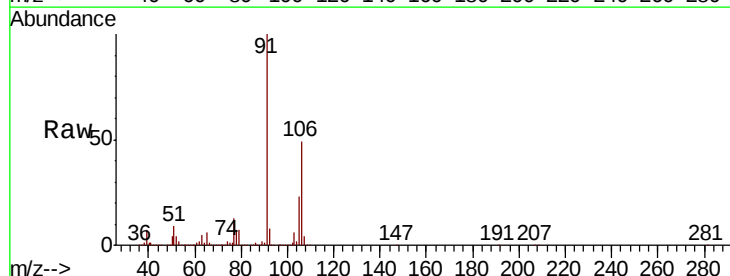
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MS

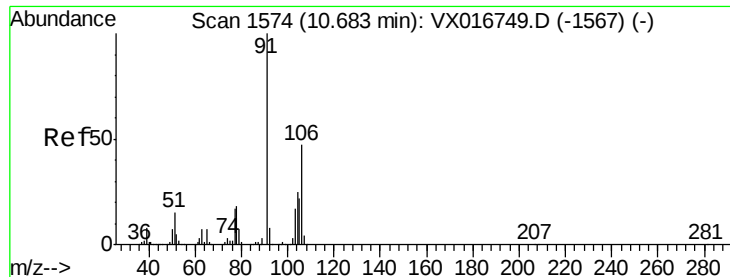
Tot Ion: 91 Resp: 733470
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 101.233 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion: 106 Resp: 547089
Ion Ratio Lower Upper
106 100
91 202.4 161.2 241.8

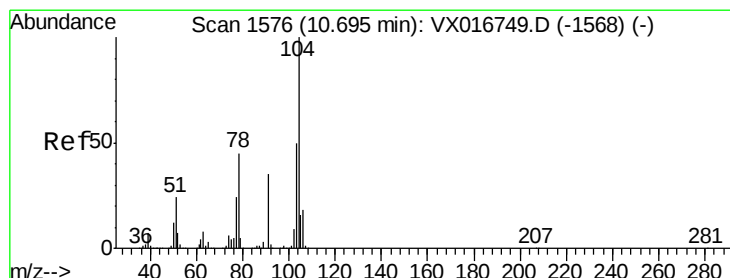
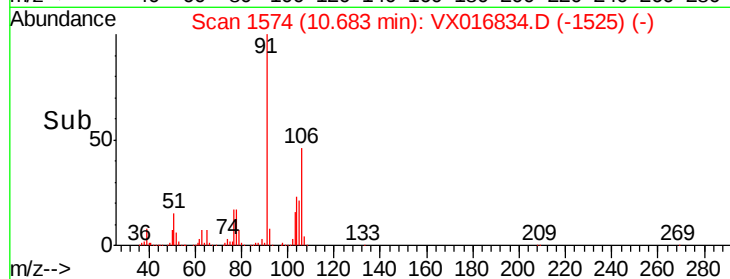
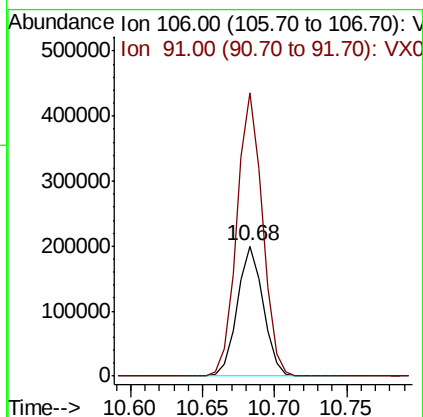
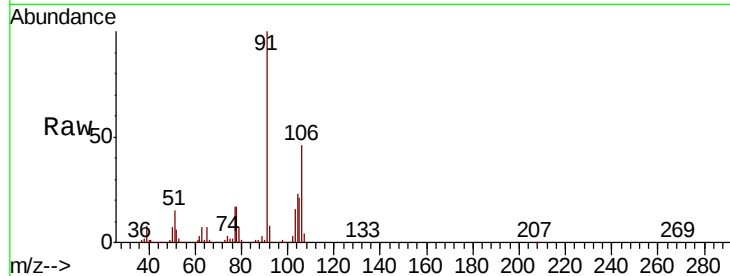




#69
o-Xylene
Concen: 48.170 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

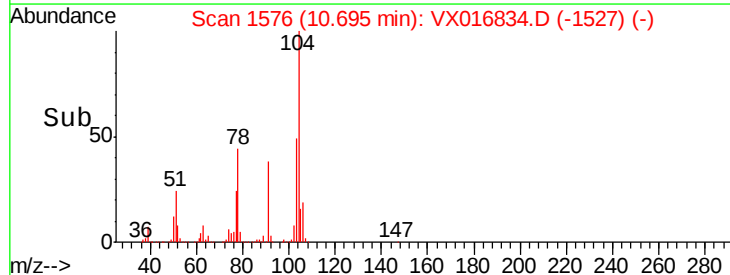
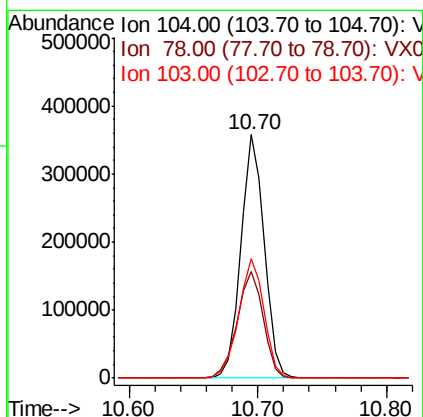
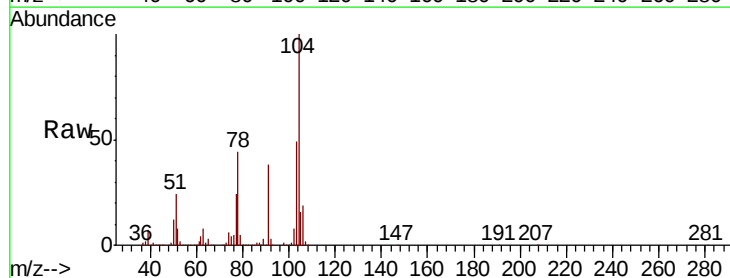
Instrument :
MSVOA_X
ClientSampled :
S49-0563MS

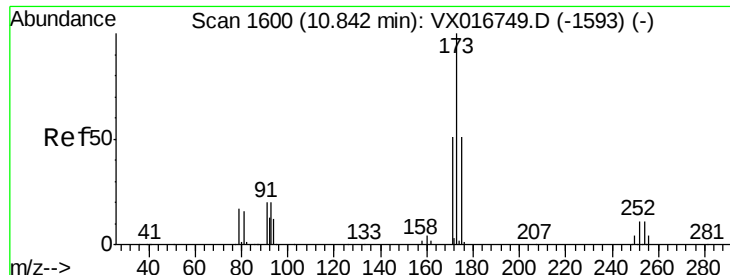
Tot Ion:106 Resp: 250794
Ion Ratio Lower Upper
106 100
91 215.8 106.9 320.8



#70
Styrene
Concen: 49.800 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion:104 Resp: 448216
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.8
103 53.6 43.4 65.2

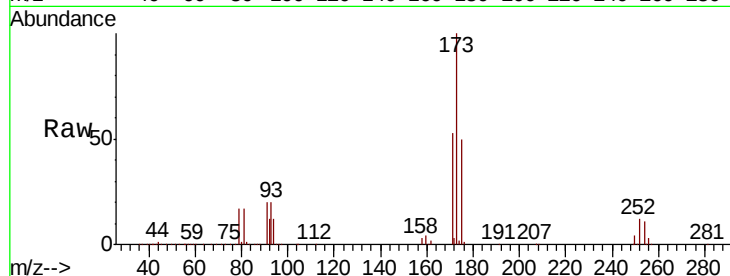




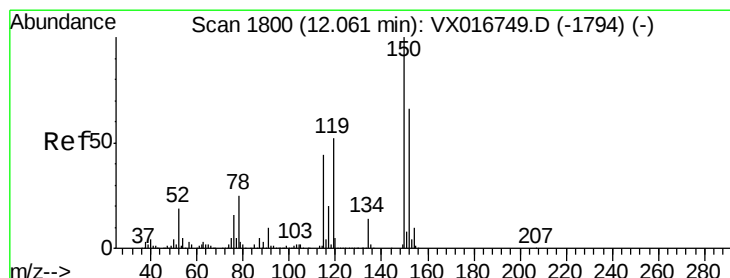
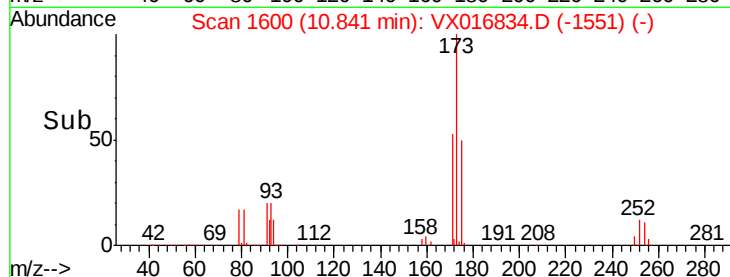
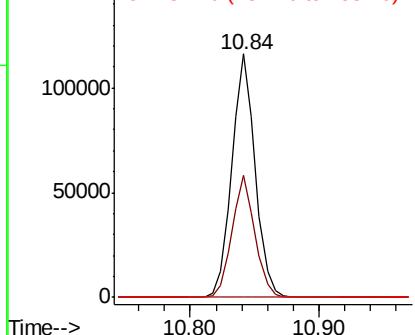
#71
Bromoform
Concen: 51.115 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Instrument :
MSVOA_X
ClientSampled :
S49-0563MS

Tot Ion:173 Resp: 146690
Ion Ratio Lower Upper
173 100
175 49.1 25.1 75.4
254 0.1 0.1 0.1#

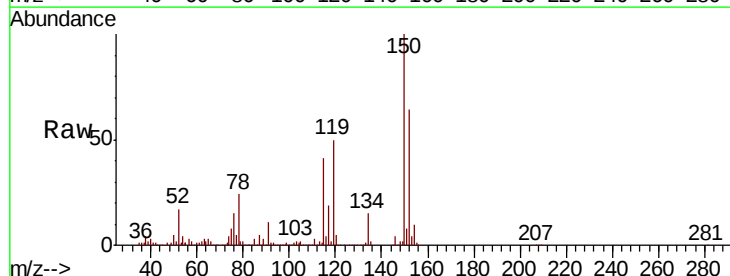


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

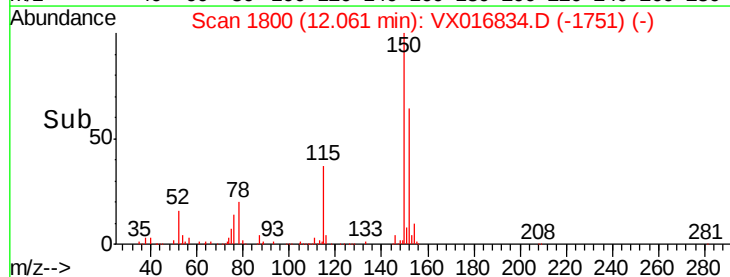
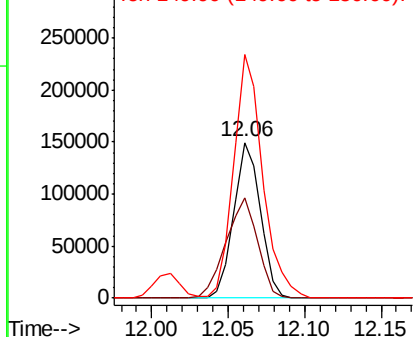


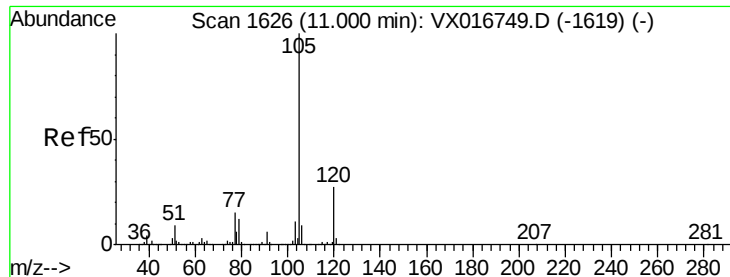
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016834.D
Acq: 17 Jun 2020 21:52

Tgt Ion:152 Resp: 180017
Ion Ratio Lower Upper
152 100
115 76.7 40.3 120.8
150 171.1 0.0 337.4



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: 57.886 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

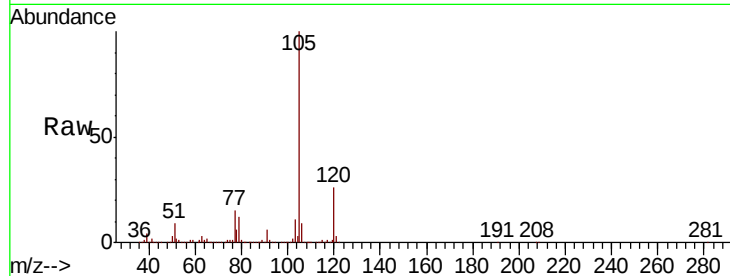
S49-0563MS

Tot Ion:105 Resp: 683750

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

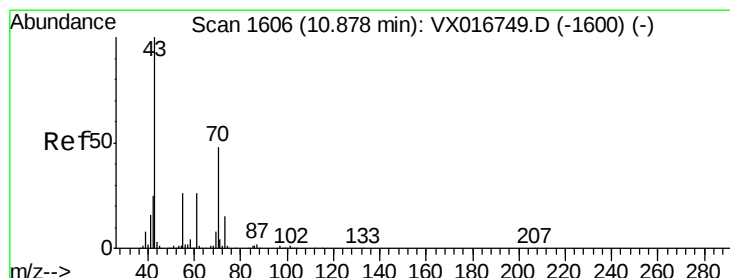
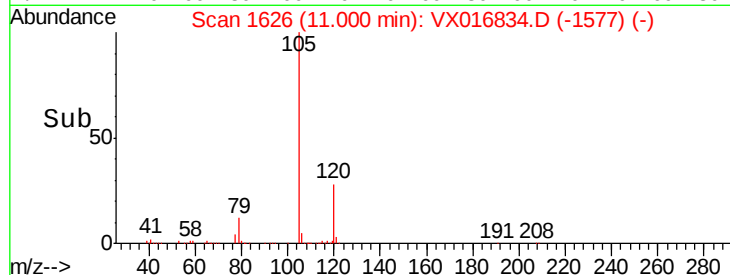
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 69.149 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Tgt Ion: 43 Resp: 317456

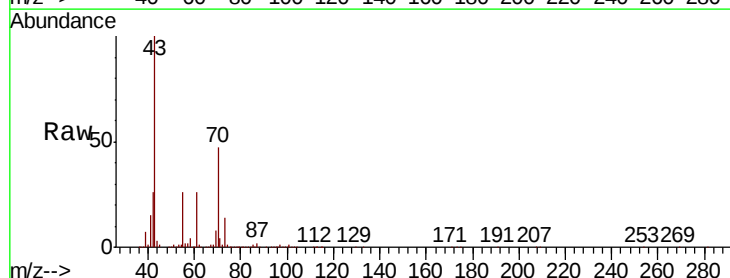
Ion Ratio Lower Upper

43 100

70 48.1 39.8 59.6

55 27.2 21.7 32.5

61 26.1 21.6 32.4



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

400000

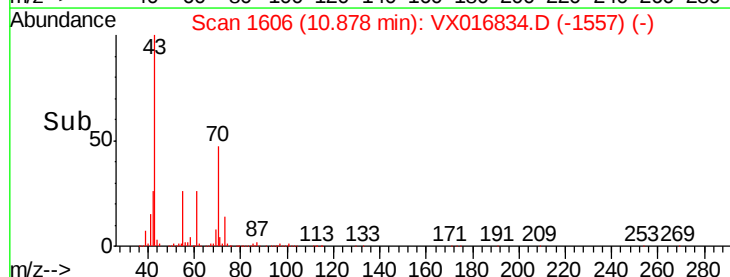
300000

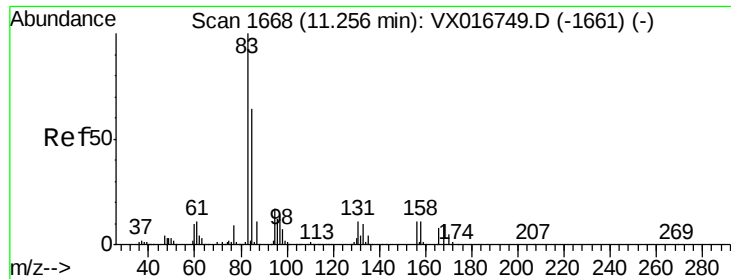
200000

100000

0

Time--> 10.80 10.90 11.00

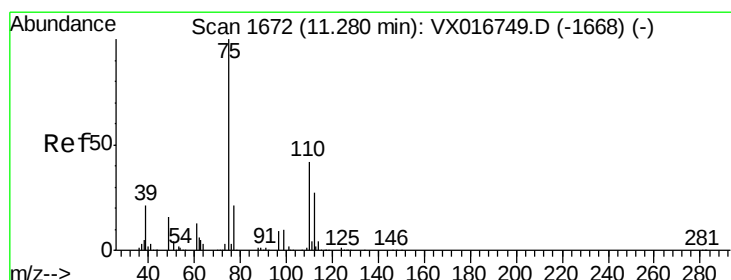
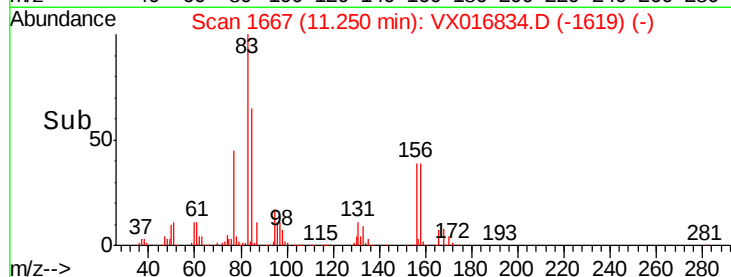
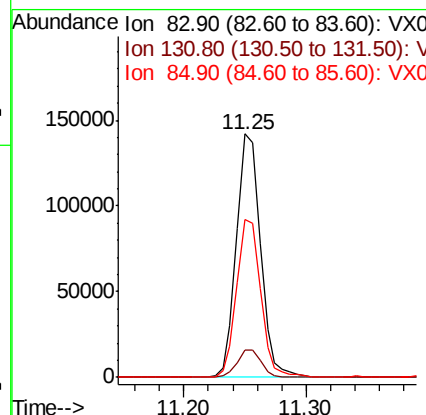
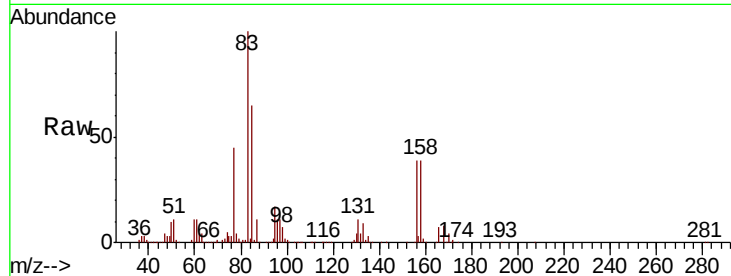




#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.534 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

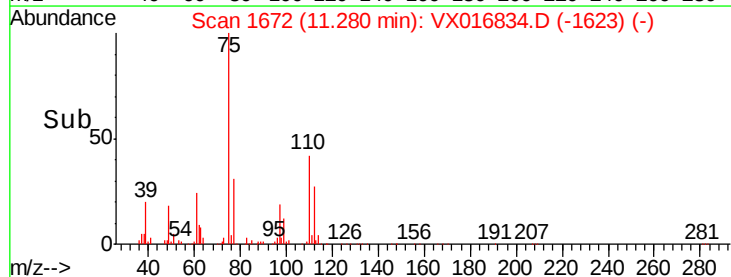
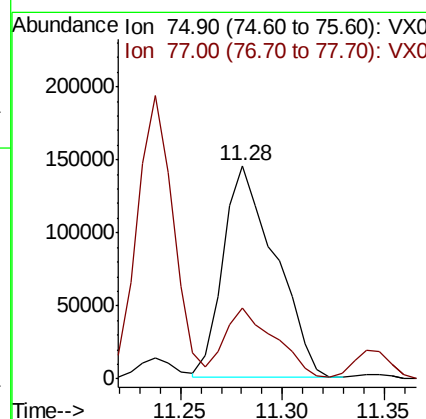
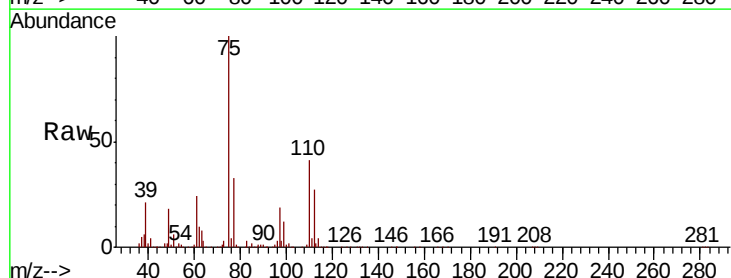
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

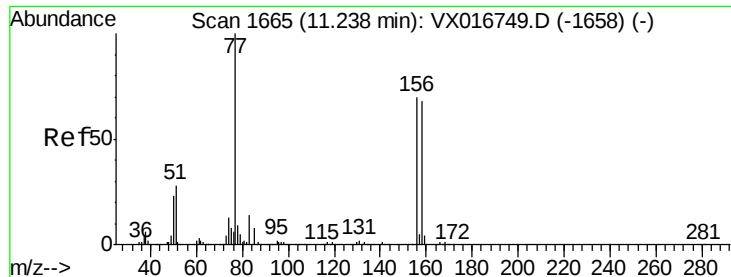
Tot Ion:	83	Resp:	192962
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.7	17.0
85	64.9	32.4	97.2



#76
 1,2,3-Trichloropropane
 Concen: 68.077 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion:	75	Resp:	257718
Ion	Ratio	Lower	Upper
75	100		
77	32.3	20.3	60.9





#77

Bromobenzene

Concen: 48.329 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

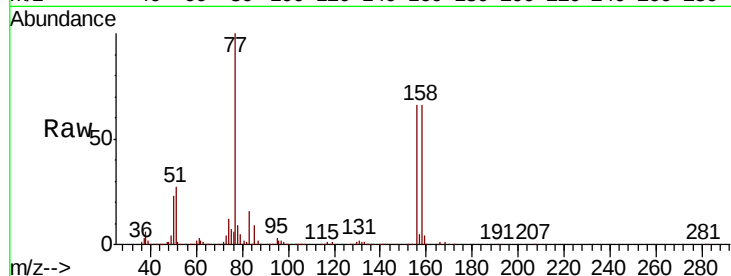
Tot Ion:156 Resp: 161185

Ion Ratio Lower Upper

156 100

77 149.0 73.2 219.6

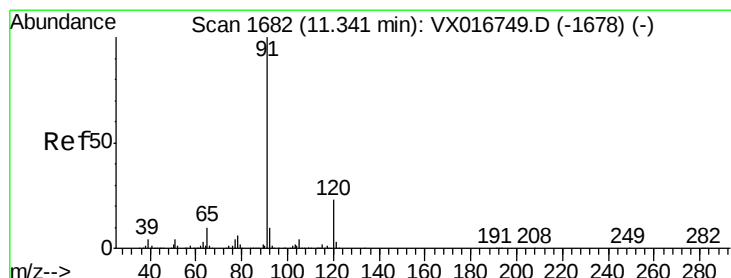
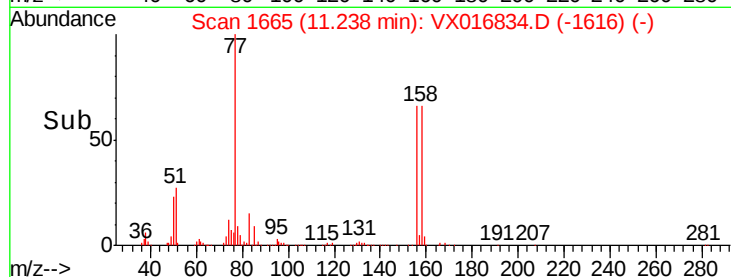
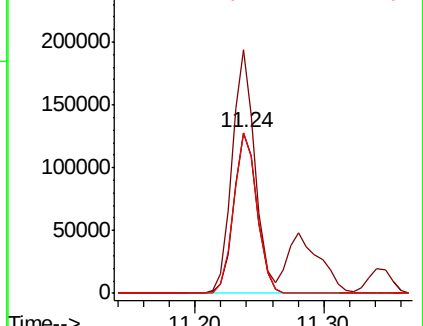
158 99.9 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.356 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016834.D

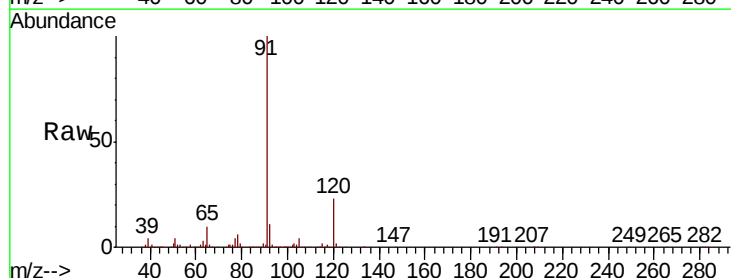
Acq: 17 Jun 2020 21:52

Tgt Ion: 91 Resp: 645953

Ion Ratio Lower Upper

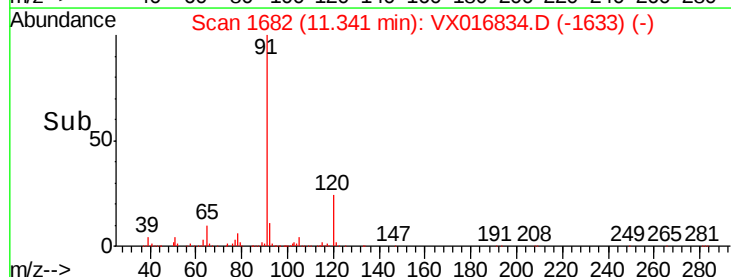
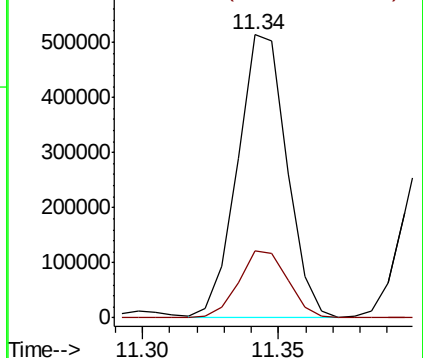
91 100

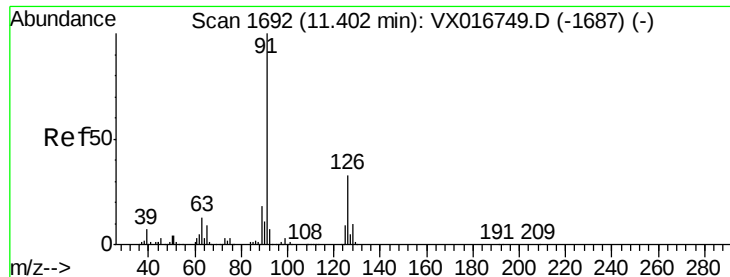
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.943 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

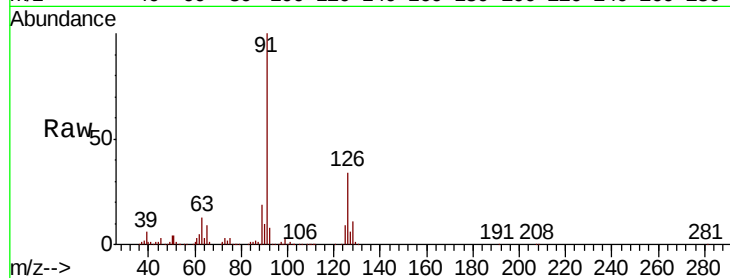
S49-0563MS

Tot Ion: 91 Resp: 405117

Ion Ratio Lower Upper

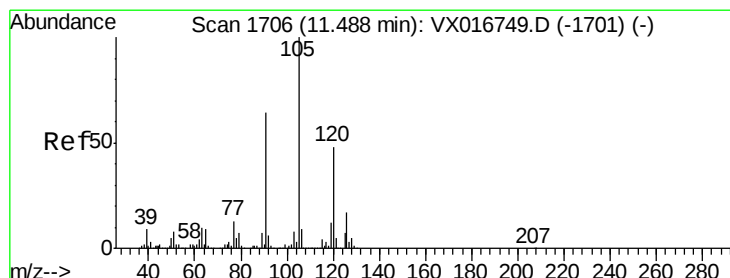
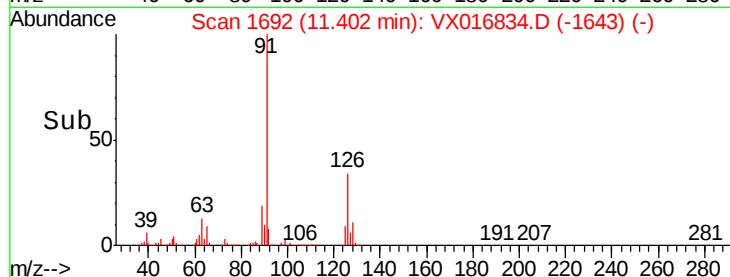
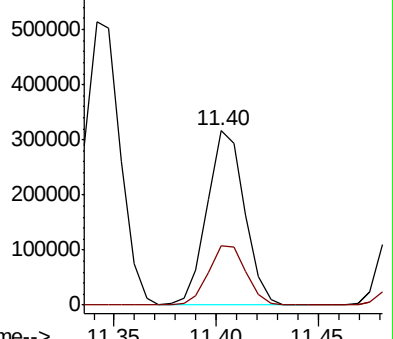
91 100

126 34.2 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.413 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016834.D

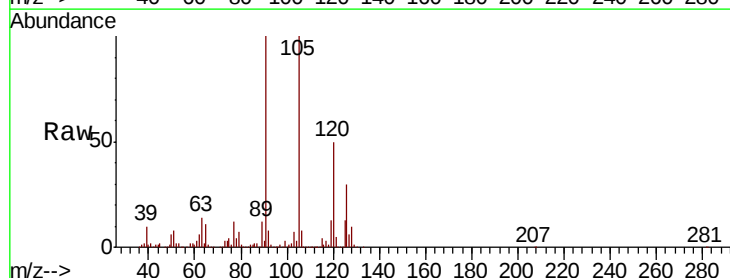
Acq: 17 Jun 2020 21:52

Tgt Ion: 105 Resp: 499179

Ion Ratio Lower Upper

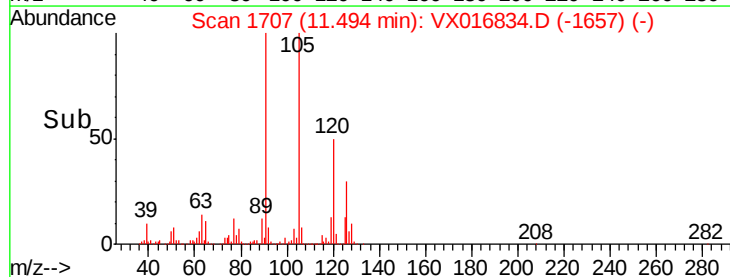
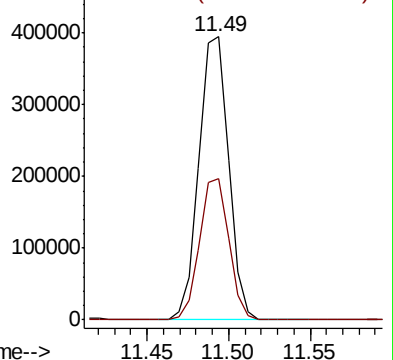
105 100

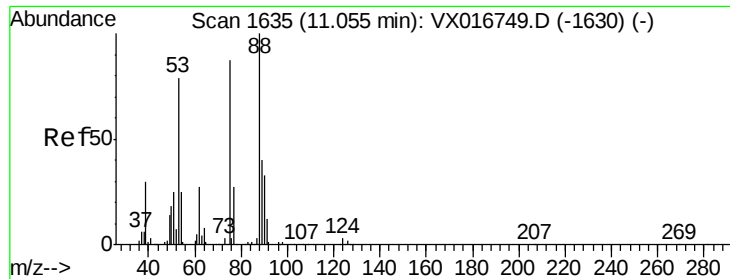
120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.875 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

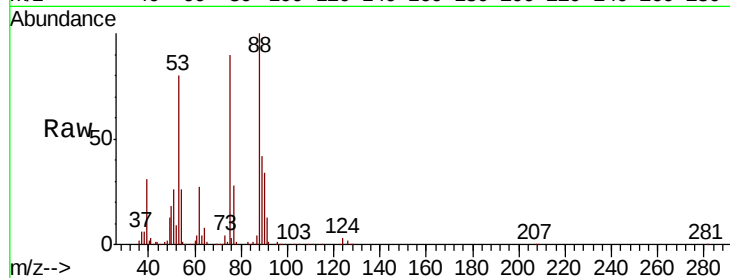
Tot Ion: 75 Resp: 75000

Ion Ratio Lower Upper

75 100

53 88.1 71.4 107.0

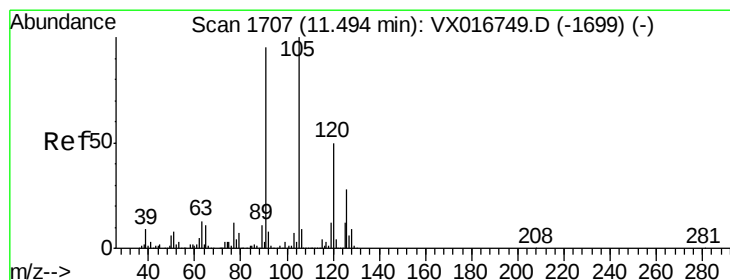
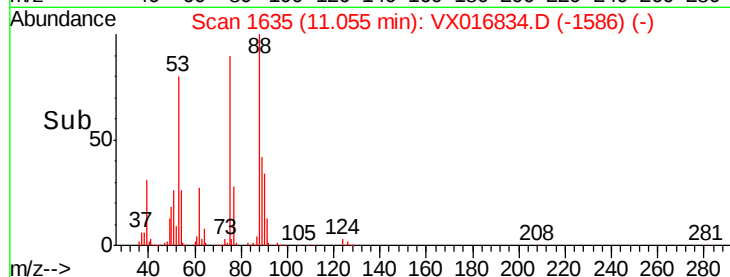
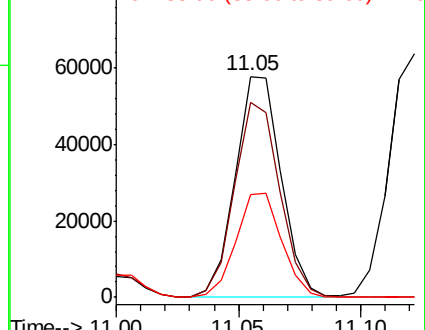
89 47.3 39.1 58.7



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: 49.981 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016834.D

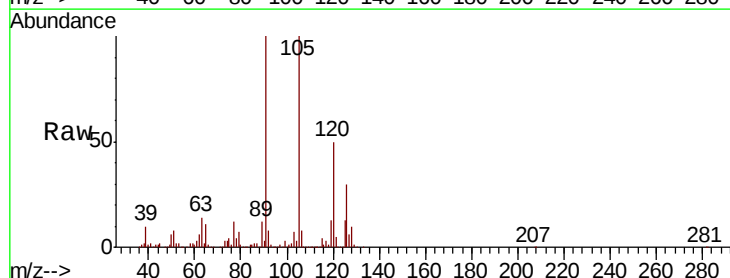
Acq: 17 Jun 2020 21:52

Tgt Ion: 91 Resp: 474555

Ion Ratio Lower Upper

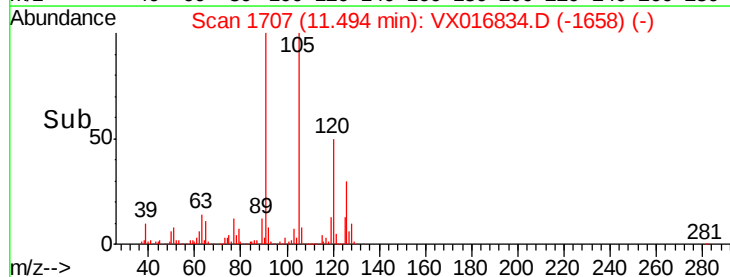
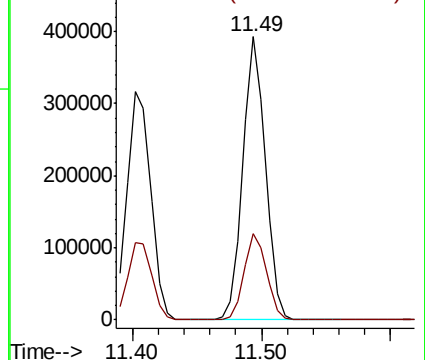
91 100

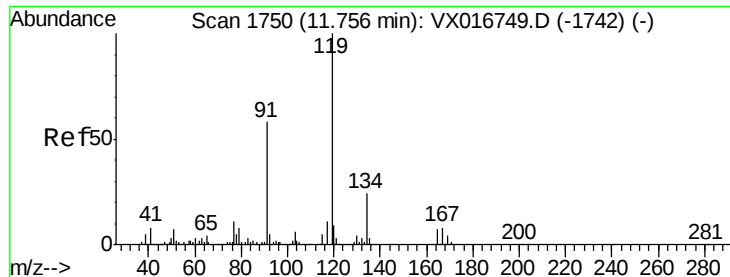
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

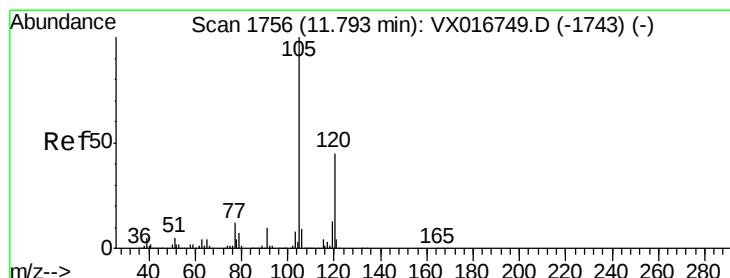
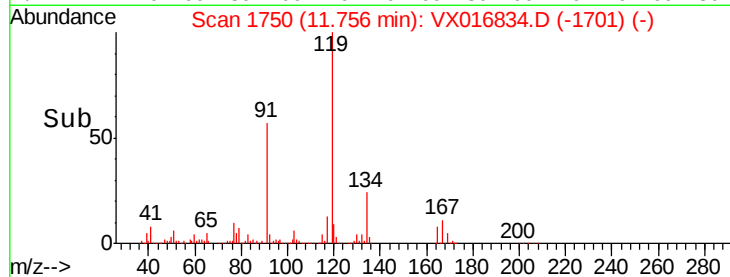
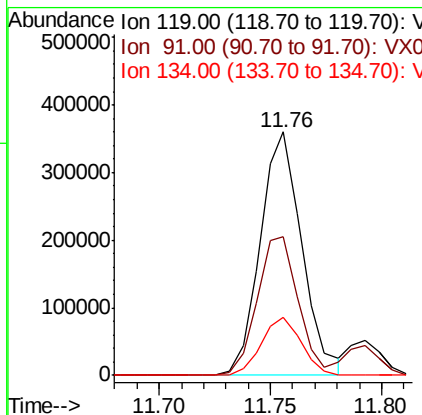
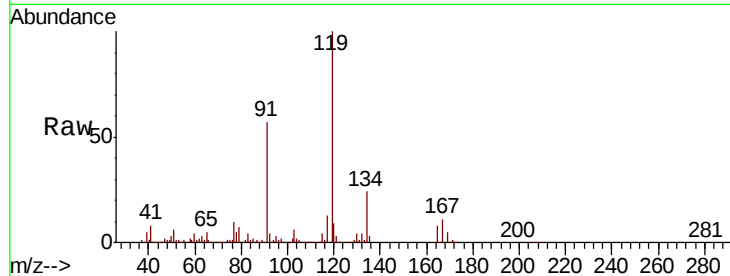




#83
 tert-Butylbenzene
 Concen: 51.554 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

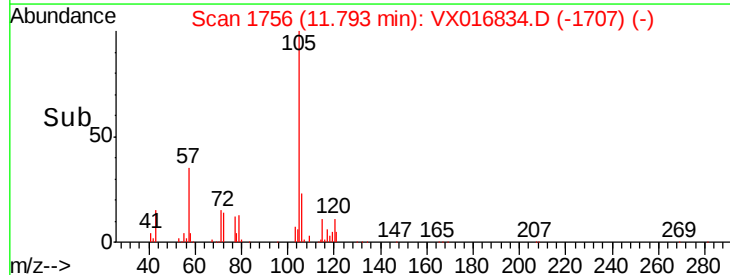
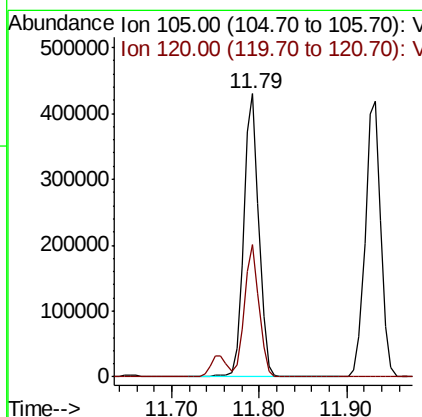
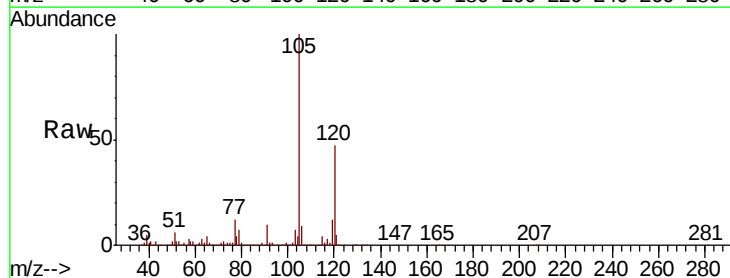
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

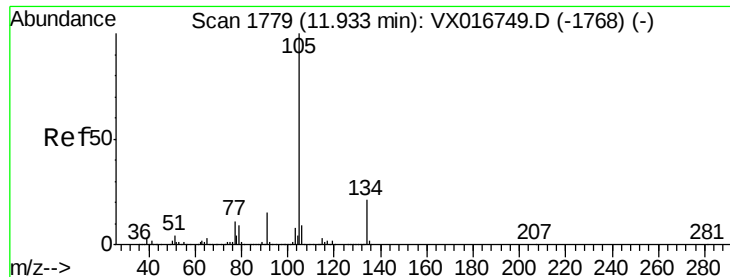
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	29.3	88.0
134	22.9	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.396 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.8

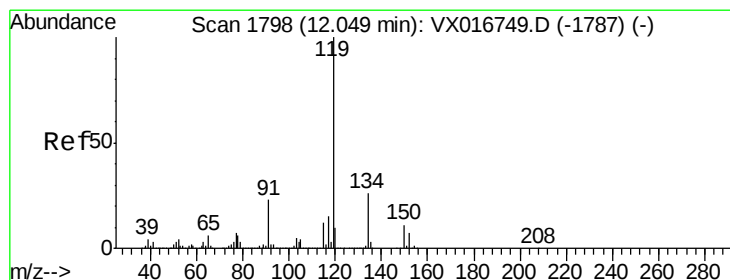
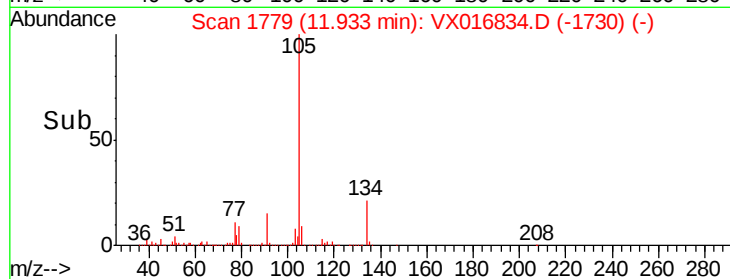
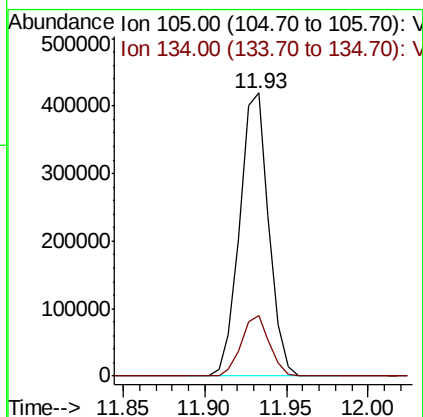
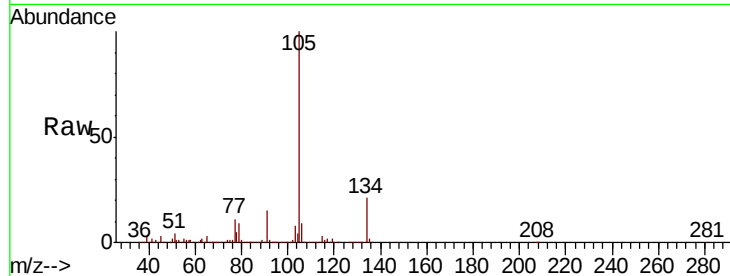




#85
 sec-Butylbenzene
 Concen: 49.173 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

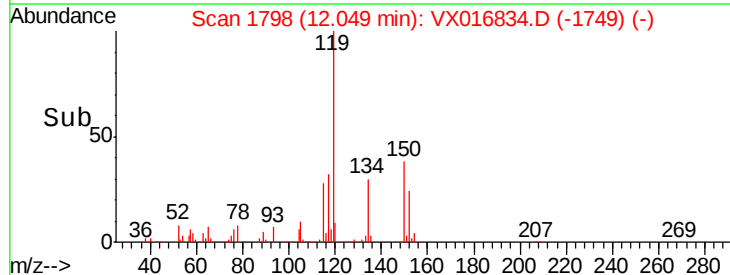
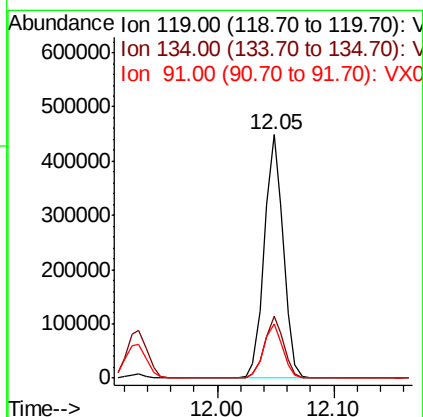
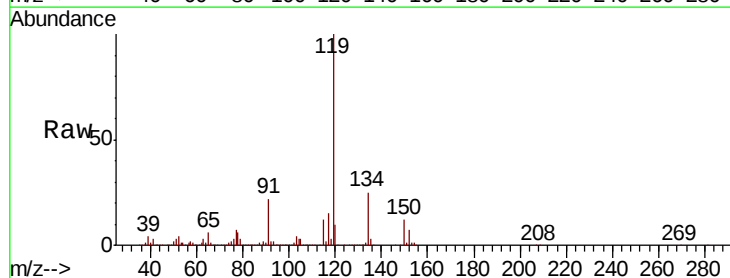
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

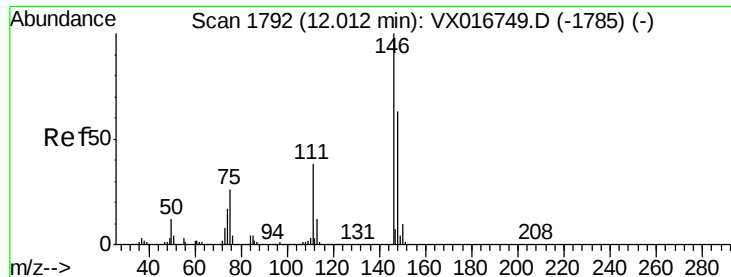
Tot Ion:105 Resp: 521139
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.172 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion:119 Resp: 510183
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 22.6 11.6 34.7

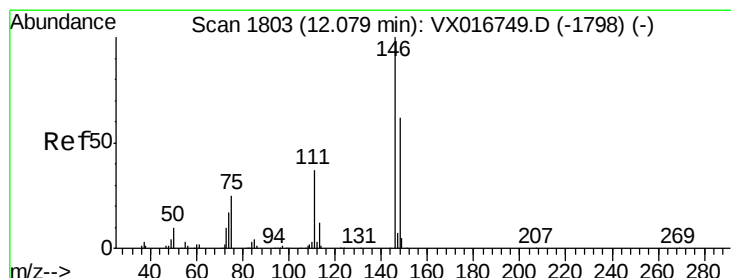
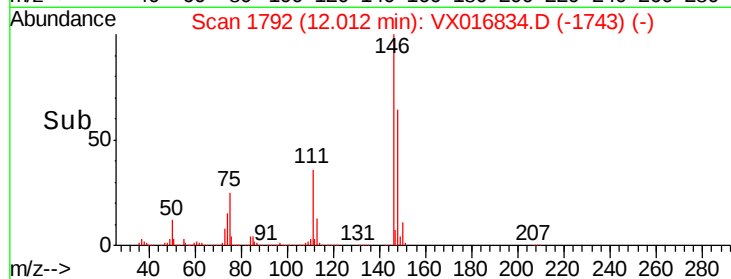
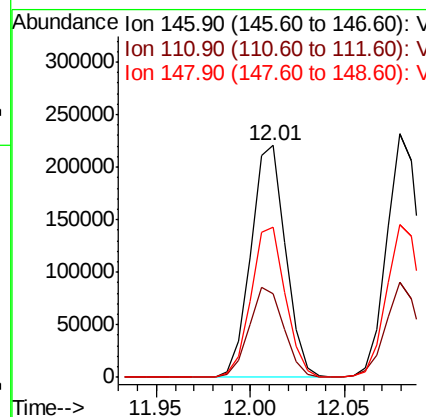
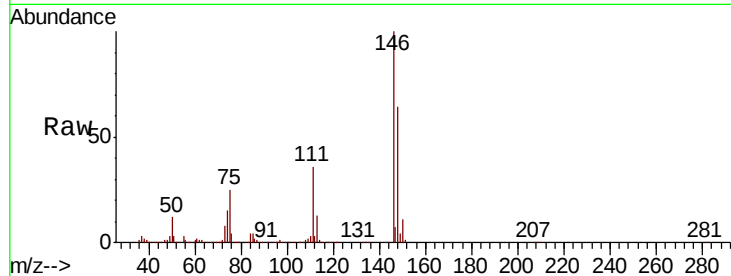




#87
 1,3-Dichlorobenzene
 Concen: 50.033 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

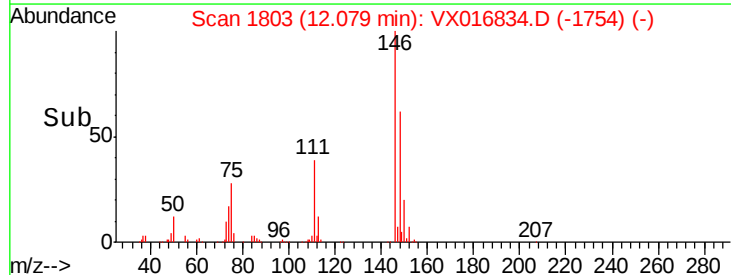
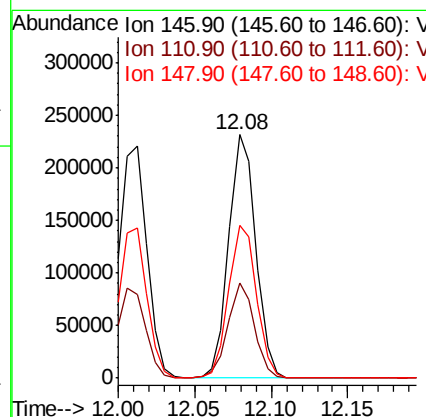
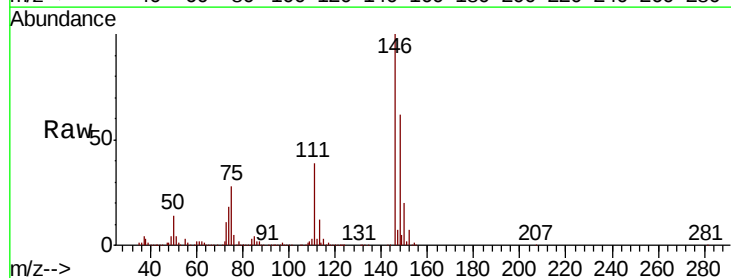
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

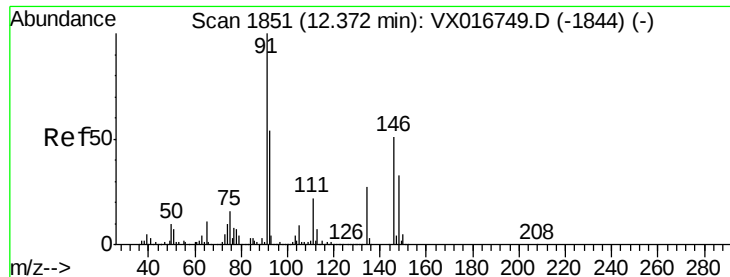
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.3
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.507 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	64.8	32.1	96.5





#89

n-Butylbenzene

Concen: 48.479 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

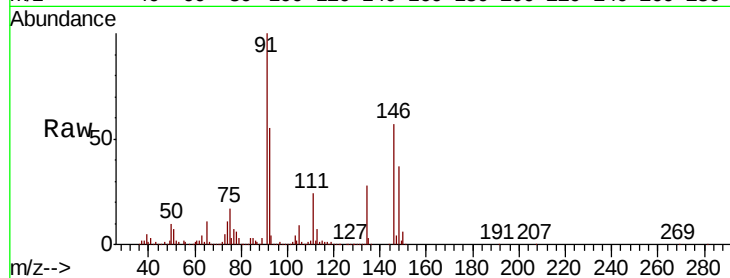
Tot Ion: 91 Resp: 406951

Ion Ratio Lower Upper

91 100

92 54.4 27.0 80.8

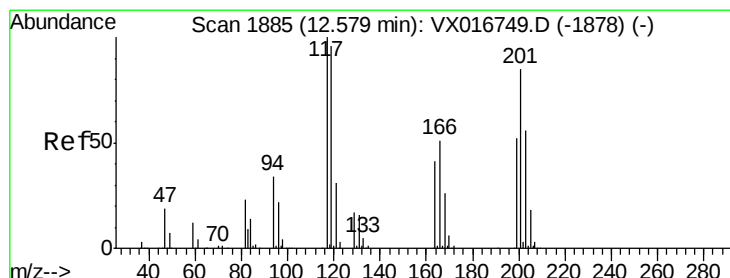
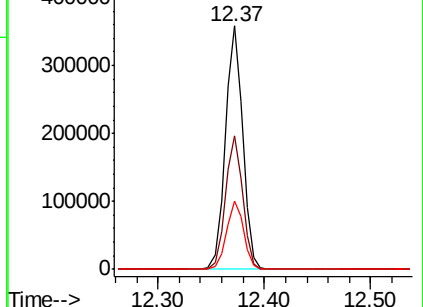
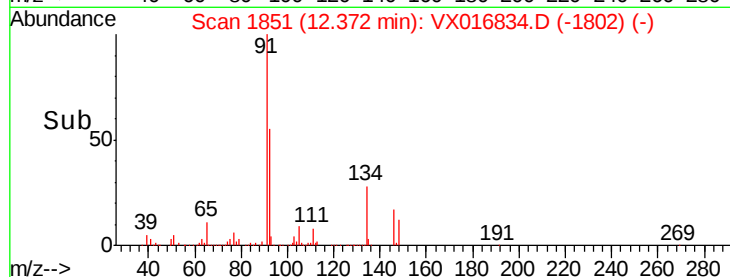
134 27.8 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX016749.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX016749.D (-1844) (-)



#90

Hexachloroethane

Concen: 47.917 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016834.D

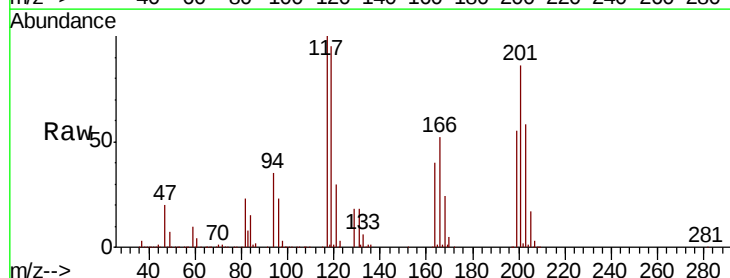
Acq: 17 Jun 2020 21:52

Tgt Ion: 117 Resp: 89854

Ion Ratio Lower Upper

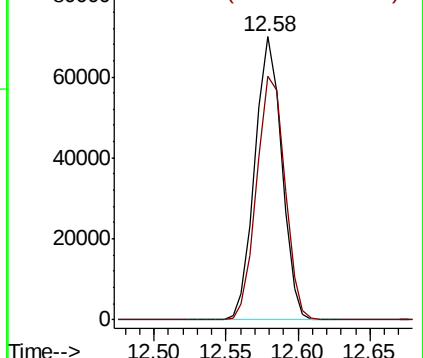
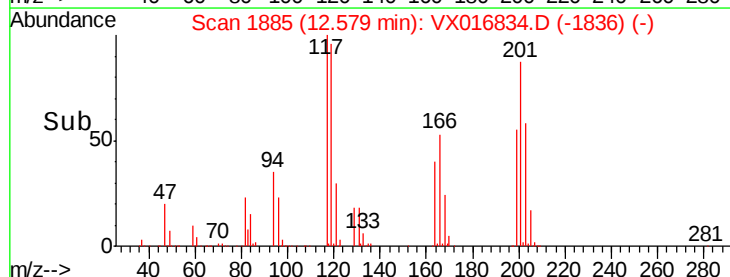
117 100

201 90.5 45.6 136.9



Abundance Ion 116.80 (116.50 to 117.50): VX016749.D (-1878) (-)

Ion 200.70 (200.40 to 201.40): VX016749.D (-1878) (-)





#91

1,2-Dichlorobenzene

Concen: 49.030 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

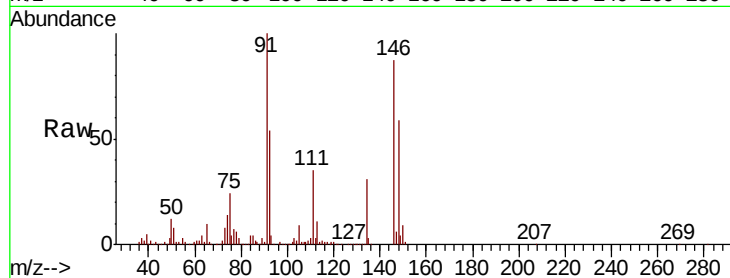
Tot Ion:146 Resp: 276460

Ion Ratio Lower Upper

146 100

111 40.7 20.8 62.2

148 65.3 32.1 96.5

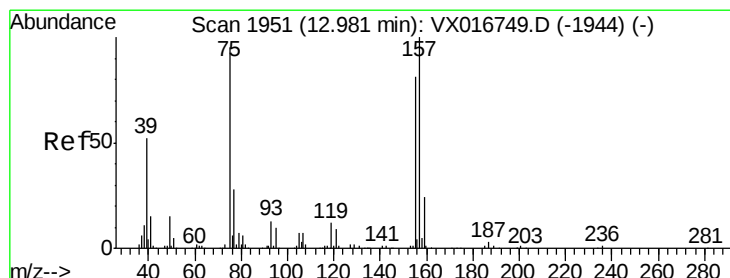
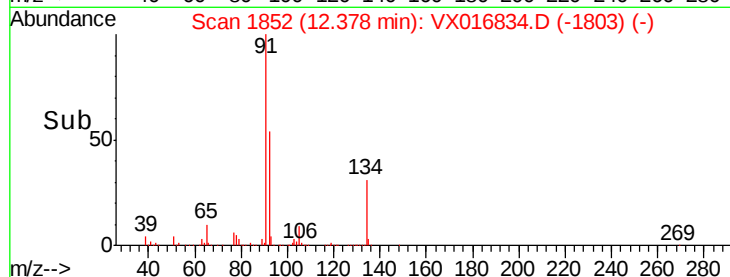
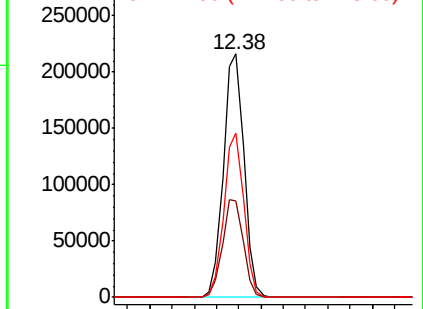


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.394 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

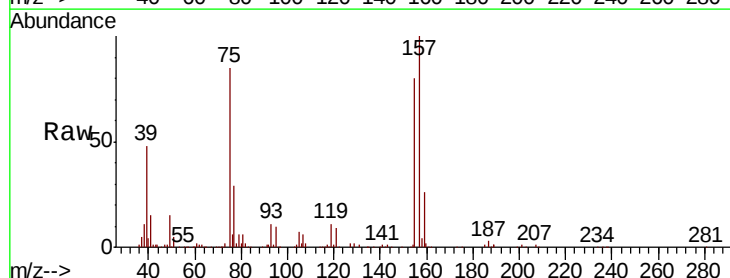
Tgt Ion: 75 Resp: 56740

Ion Ratio Lower Upper

75 100

155 99.4 46.9 140.7

157 124.5 59.6 178.7

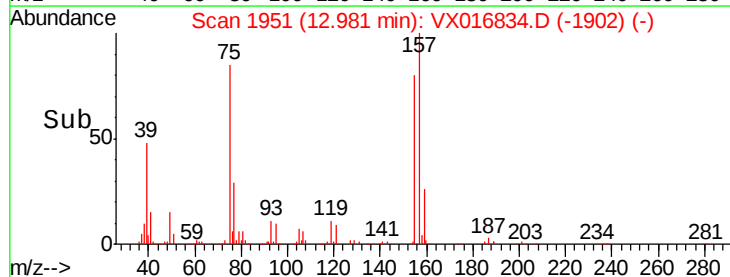
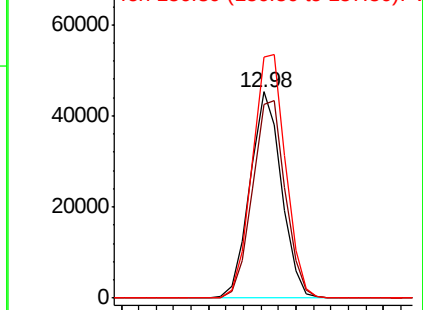


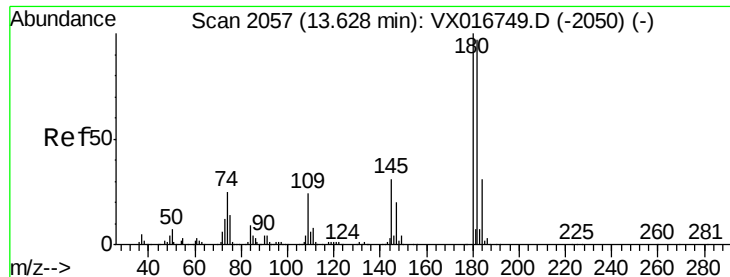
Abundance

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

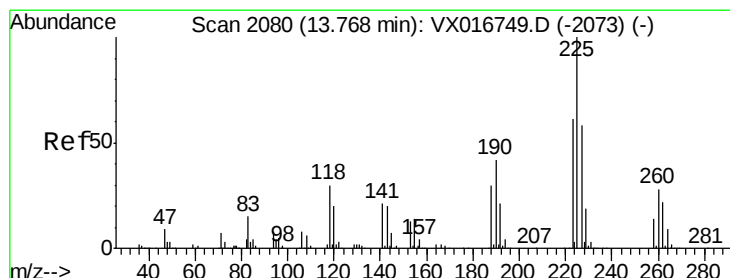
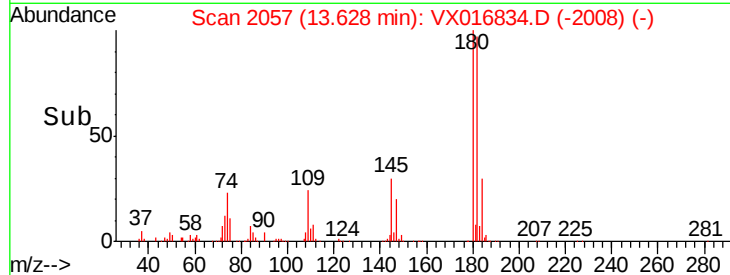
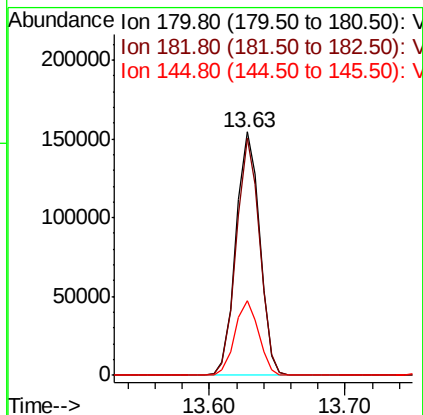
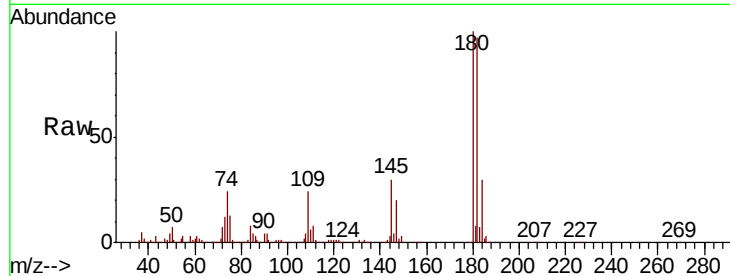




#93
 1,2,4-Trichlorobenzene
 Concen: 47.551 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

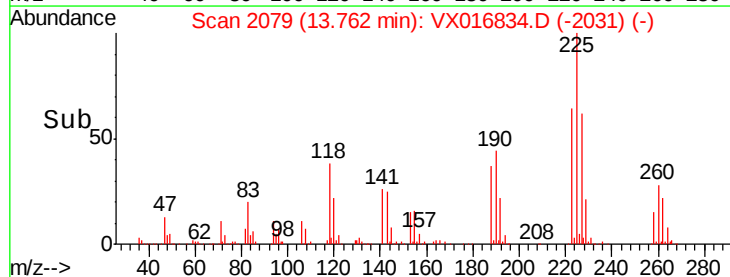
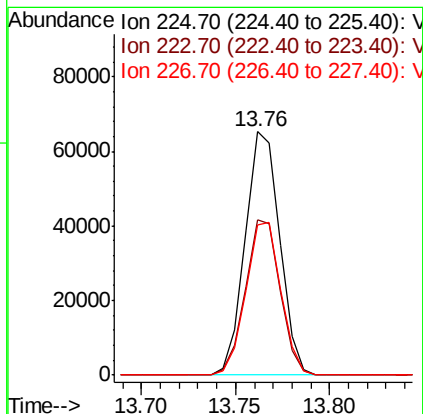
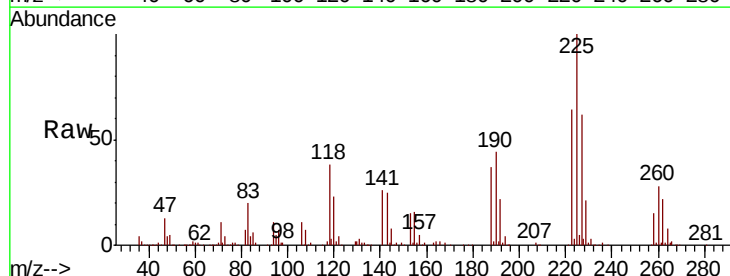
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MS

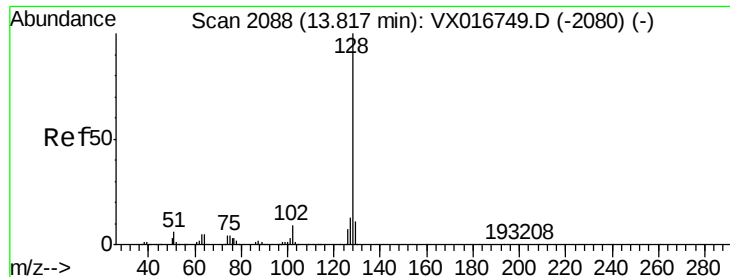
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.6	145.8
145	30.7	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 47.964 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016834.D
 Acq: 17 Jun 2020 21:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.5
227	63.5	30.9	92.7





#95

Naphthalene

Concen: 56.325 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MS

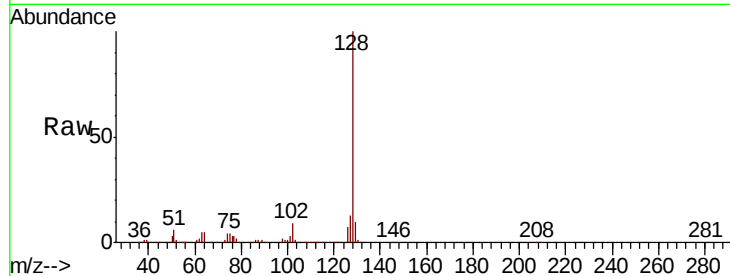
Tot Ion:128 Resp: 696774

Ion Ratio Lower Upper

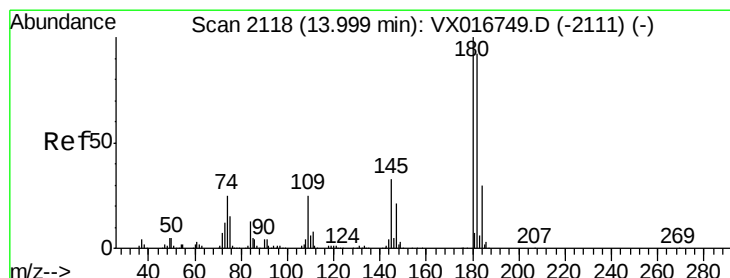
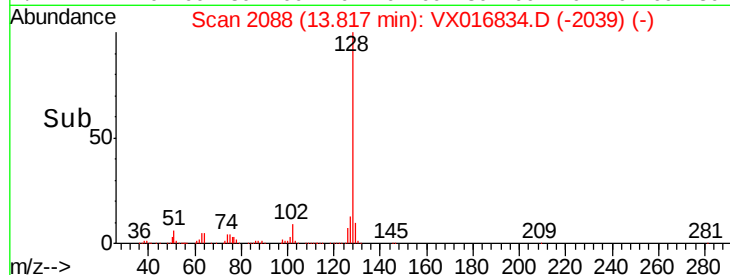
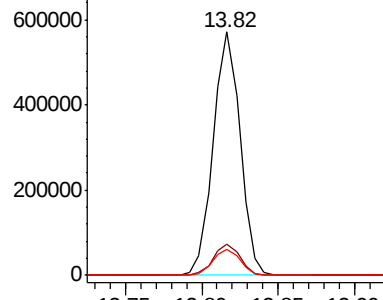
128 100

127 12.8 10.2 15.4

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.150 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016834.D

Acq: 17 Jun 2020 21:52

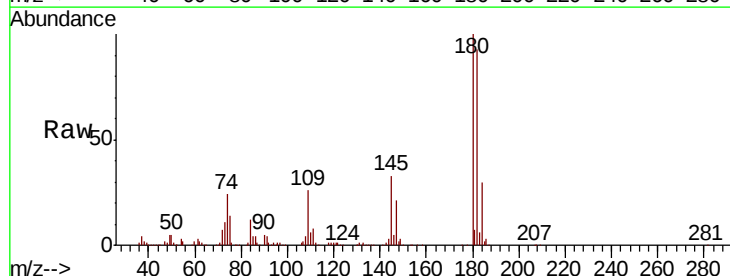
Tgt Ion:180 Resp: 187138

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.4

145 32.5 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

