

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016835.D
 Acq On : 17 Jun 2020 22:14
 Operator : JC/SP
 Sample : L2984-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

Quant Time: Jun 18 00:50:51 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	240235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	413308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	352630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182190	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	140783	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
35) Dibromofluoromethane	5.47	113	116634	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	
50) Toluene-d8	8.70	98	510452	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	11.12	95	168185	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	133324	49.126	ug/l	98
3) Chloromethane	1.31	50	133006	50.718	ug/l	100
4) Vinyl Chloride	1.39	62	176391	63.036	ug/l	98
5) Bromomethane	1.62	94	87005	50.065	ug/l	97
6) Chloroethane	1.70	64	106439	61.750	ug/l	97
7) Trichlorofluoromethane	1.92	101	218281	54.161	ug/l	99
8) Diethyl Ether	2.17	74	93942	57.081	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	106865	52.118	ug/l	96
10) Methyl Iodide	2.49	142	136792	53.376	ug/l	99
11) Tert butyl alcohol	3.01	59	206381	304.020	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126486	53.869	ug/l	98
13) Acrolein	2.27	56	80828	279.365	ug/l	97
14) Allyl chloride	2.70	41	182621	49.729	ug/l	96
15) Acrylonitrile	3.12	53	381085	276.653	ug/l	99
16) Acetone	2.42	43	701976	572.703	ug/l	100
17) Carbon Disulfide	2.55	76	372335	55.369	ug/l	100
18) Methyl Acetate	2.75	43	189431	57.900	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	400170	50.004	ug/l	99
20) Methylene Chloride	2.83	84	125380	47.489	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	138030	54.704	ug/l	98
22) Diisopropyl ether	3.82	45	350506	50.813	ug/l	98
23) Vinyl Acetate	3.78	43	1535386	257.526	ug/l	100
24) 1,1-Dichloroethane	3.67	63	212383	49.228	ug/l	100
25) 2-Butanone	4.64	43	4533359	2454.055	ug/l	99
26) 2,2-Dichloropropane	4.55	77	164518	41.182	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	168164	58.311	ug/l	96
28) Bromochloromethane	4.98	49	94234	51.202	ug/l	99
29) Tetrahydrofuran	5.09	42	386365	322.859	ug/l	94
30) Chloroform	5.18	83	221917	48.620	ug/l	95
31) Cyclohexane	5.55	56	157221	45.322	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	202160	48.811	ug/l	99
36) 1,1-Dichloropropene	5.77	75	160325	43.894	ug/l	100
37) Ethyl Acetate	4.80	43	202505	50.627	ug/l	99
38) Carbon Tetrachloride	5.75	117	178924	43.134	ug/l	99

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 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	165301	39.237	ug/l	97
40) Benzene	6.11	78	510653	45.919	ug/l	98
41) Methacrylonitrile	5.00	41	99929	46.854	ug/l	97
42) 1,2-Dichloroethane	6.17	62	190859	47.023	ug/l	99
43) Isopropyl Acetate	6.41	43	392791	62.656	ug/l	99
44) Trichloroethene	7.19	130	160261	46.589	ug/l	99
45) 1,2-Dichloropropane	7.49	63	134129	49.202	ug/l	95
46) Dibromomethane	7.64	93	96495	48.566	ug/l	99
47) Bromodichloromethane	7.88	83	198171	47.841	ug/l	100
48) Methyl methacrylate	7.74	41	166400	56.003	ug/l	98
49) 1,4-Dioxane	7.71	88	94850	1289.939	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	1228171	317.930	ug/l	99
52) Toluene	8.76	92	391453	54.191	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	207699	44.393	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	256826	52.626	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	134000	46.128	ug/l	99
56) Ethyl methacrylate	9.16	69	215860	49.629	ug/l	99
57) 1,3-Dichloropropane	9.35	76	224190	45.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	545043	254.863	ug/l	98
59) 2-Hexanone	9.48	43	822376	275.769	ug/l	99
60) Dibromochloromethane	9.57	129	157479	45.868	ug/l	100
61) 1,2-Dibromoethane	9.65	107	148486	46.901	ug/l	99
64) Tetrachloroethene	9.32	164	143474	42.371	ug/l	96
65) Chlorobenzene	10.12	112	359473	50.239	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	141316	49.508	ug/l	97
67) Ethyl Benzene	10.24	91	612374	50.626	ug/l	100
68) m/p-Xylenes	10.34	106	469192	102.303	ug/l	100
69) o-Xylene	10.68	106	225360	51.005	ug/l	99
70) Styrene	10.70	104	401120	52.516	ug/l	99
71) Bromoform	10.84	173	130629	53.637	ug/l #	98
73) Isopropylbenzene	11.00	105	590267	49.376	ug/l	100
74) N-amyl acetate	10.88	43	267552	57.584	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	196697	55.934	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	255098	66.581	ug/l	87
77) Bromobenzene	11.24	156	164959	48.871	ug/l	100
78) n-propylbenzene	11.34	91	657782	50.667	ug/l	99
79) 2-Chlorotoluene	11.40	91	404901	49.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	558020	55.683	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	75022	49.295	ug/l	97
82) 4-Chlorotoluene	11.49	91	531583	55.319	ug/l	100
83) tert-Butylbenzene	11.76	119	470148	51.272	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	523681	51.658	ug/l	99
85) sec-Butylbenzene	11.93	105	529458	49.362	ug/l	100
86) p-Isopropyltoluene	12.05	119	512179	49.767	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	285092	49.959	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	289857	48.980	ug/l	99
89) n-Butylbenzene	12.37	91	412541	48.558	ug/l	99
90) Hexachloroethane	12.58	117	90725	47.805	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	278851	48.864	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56954	57.915	ug/l	96

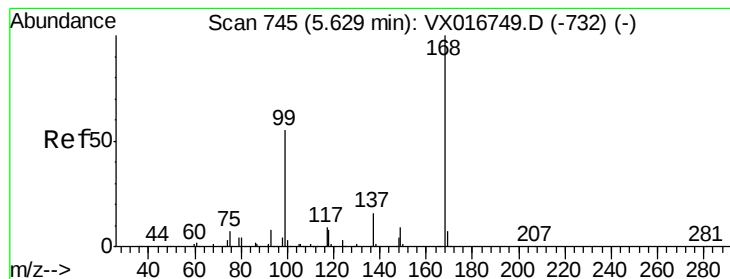
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	213822	53.504	ug/l	99
94) Hexachlorobutadiene	13.76	225	92210	52.415	ug/l	98
95) Naphthalene	13.82	128	818916	65.410	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	228469	58.084	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

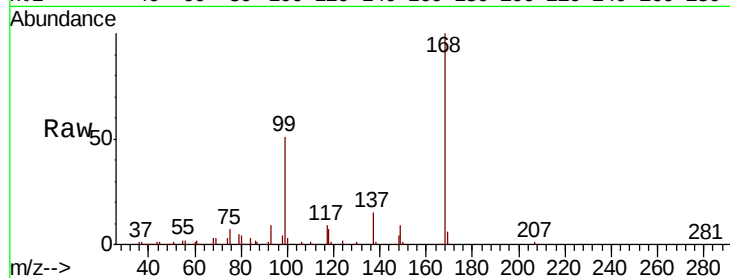
S49-0563MSD

Tot Ion:168 Resp: 240235

Ion Ratio Lower Upper

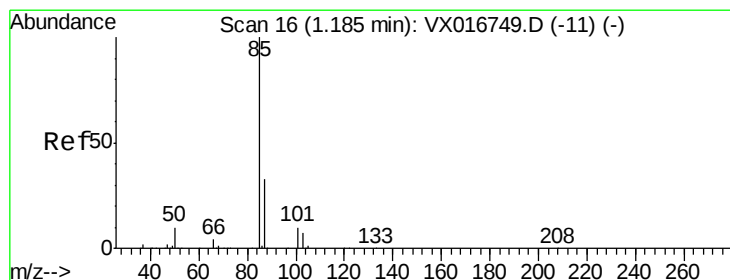
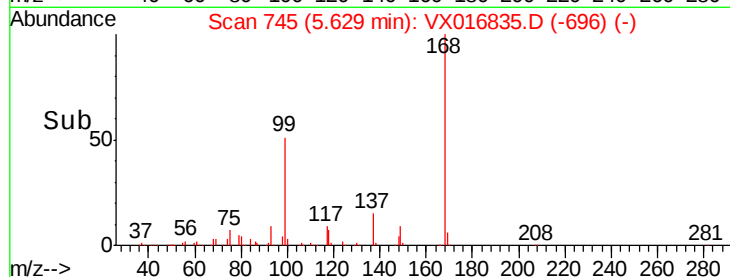
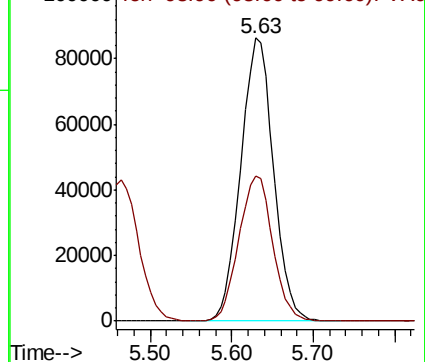
168 100

99 51.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.126 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016835.D

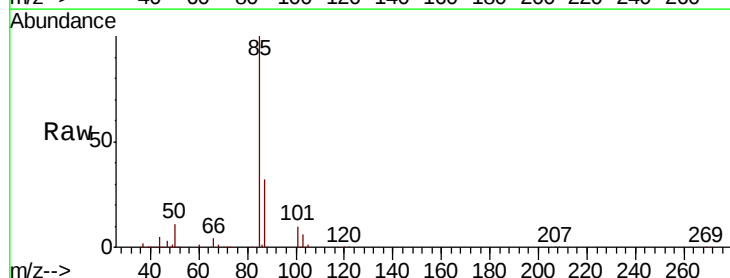
Acq: 17 Jun 2020 22:14

Tgt Ion: 85 Resp: 133324

Ion Ratio Lower Upper

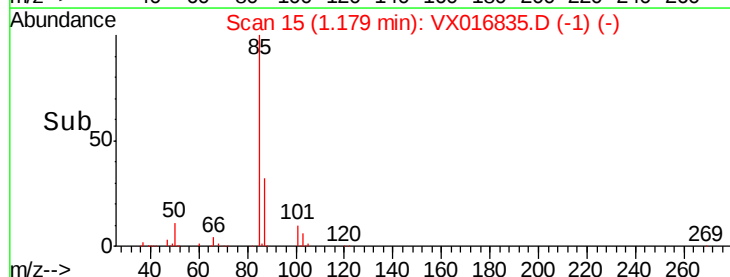
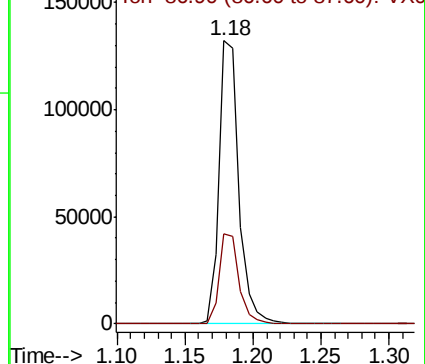
85 100

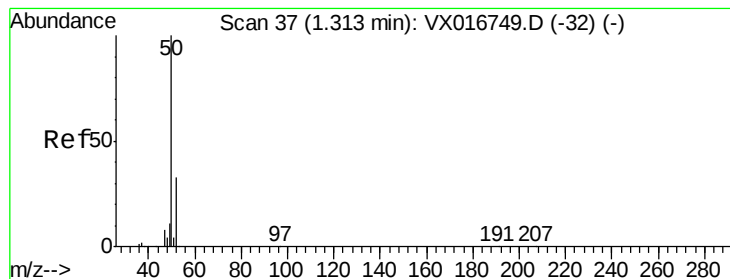
87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.718 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

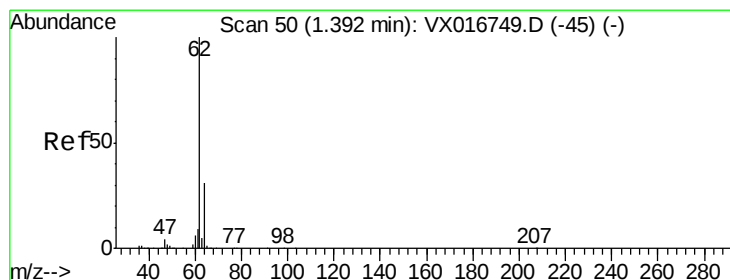
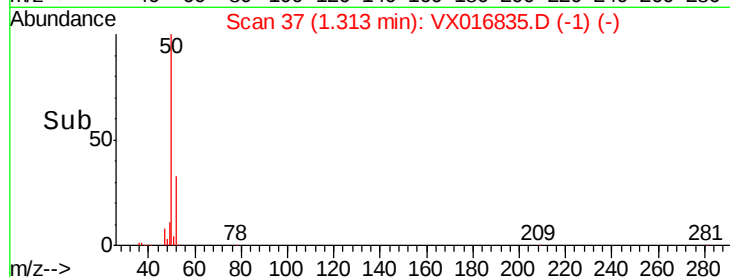
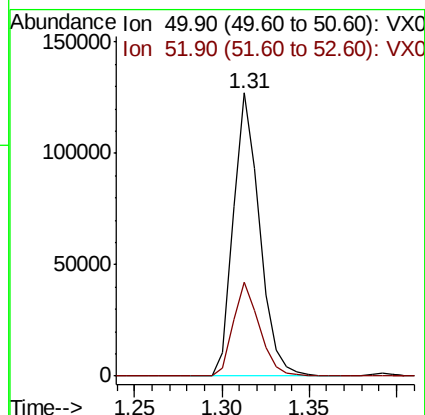
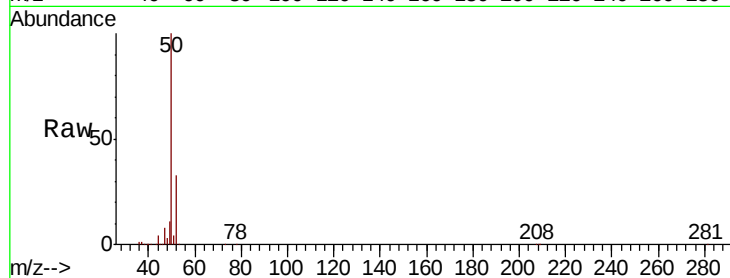
S49-0563MSD

Tot Ion: 50 Resp: 133006

Ion Ratio Lower Upper

50 100

52 33.4 26.5 39.7



#4

Vinyl Chloride

Concen: 63.036 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016835.D

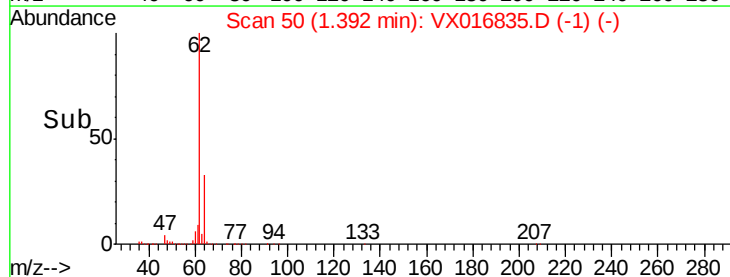
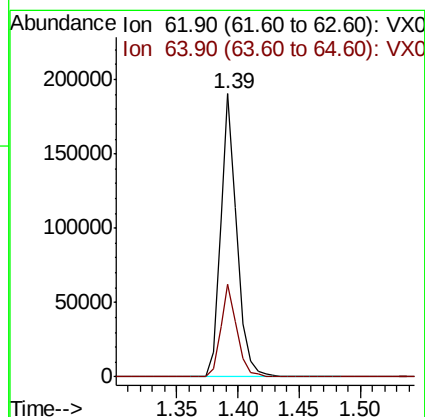
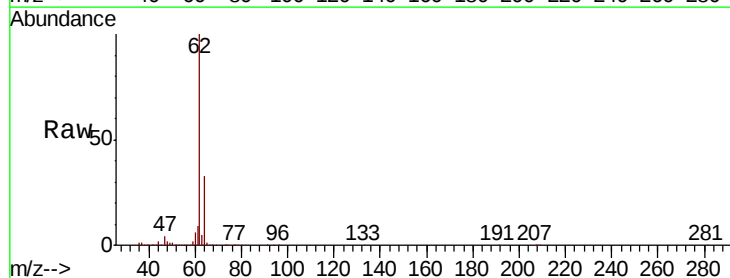
Acq: 17 Jun 2020 22:14

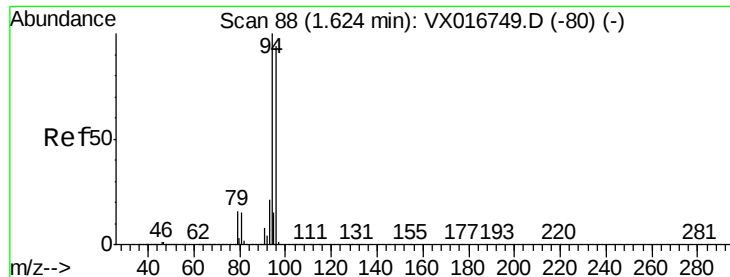
Tgt Ion: 62 Resp: 176391

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 50.065 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

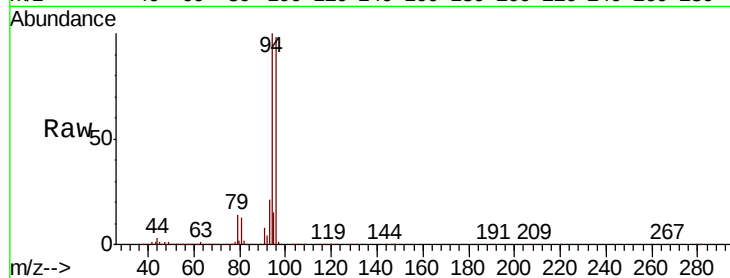
S49-0563MSD

Tot Ion: 94 Resp: 87005

Ion Ratio Lower Upper

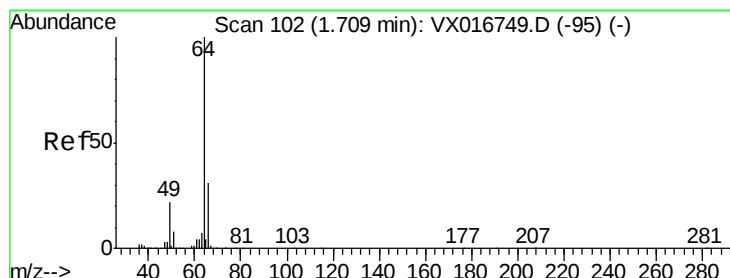
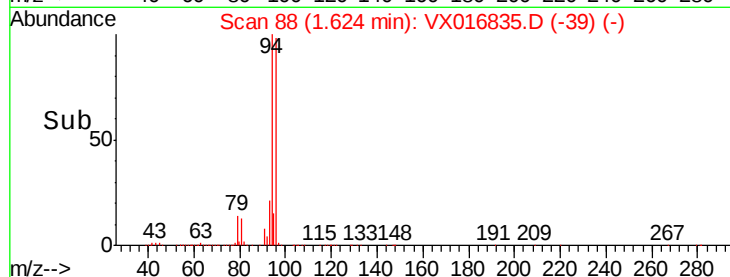
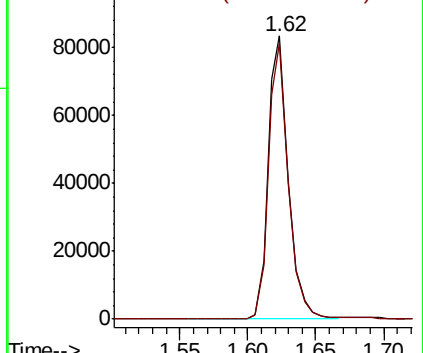
94 100

96 97.4 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: 61.750 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016835.D

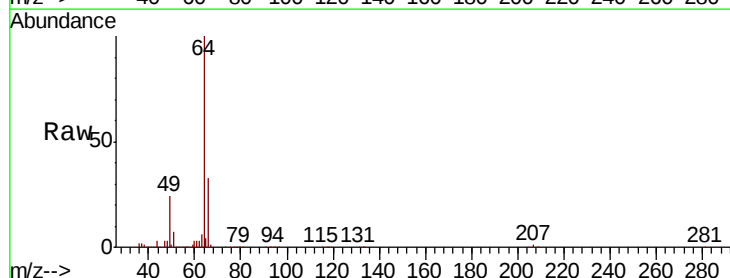
Acq: 17 Jun 2020 22:14

Tgt Ion: 64 Resp: 106439

Ion Ratio Lower Upper

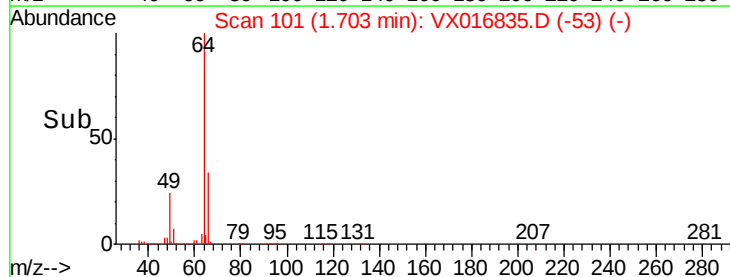
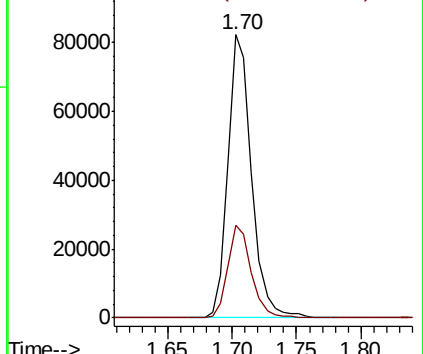
64 100

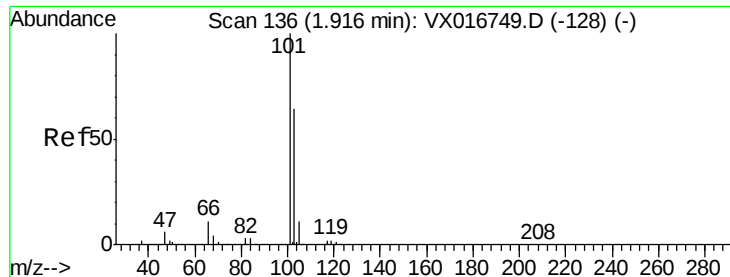
66 32.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



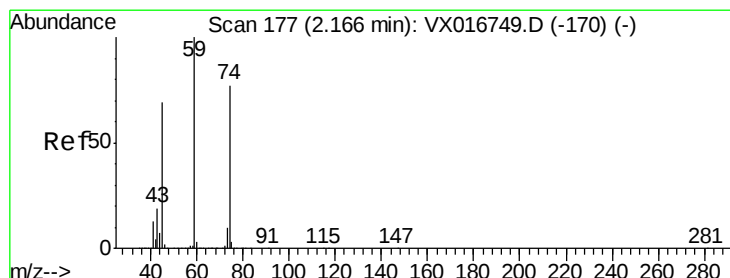
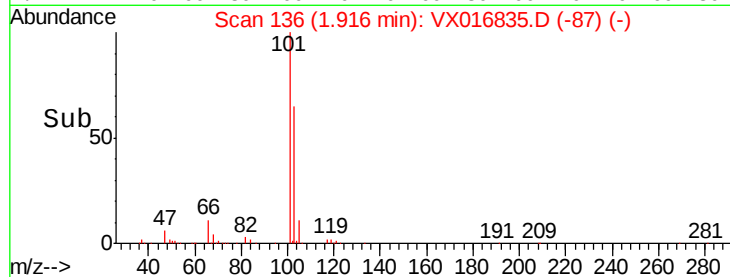
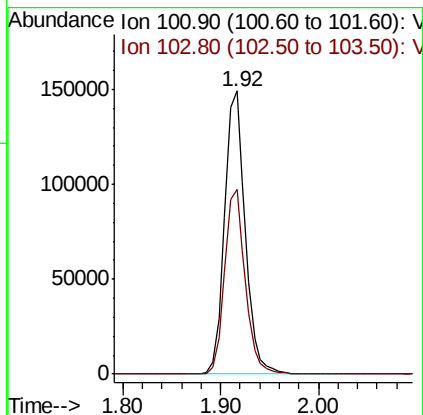
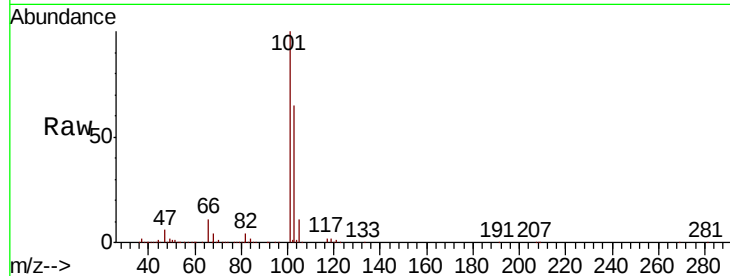


#7

Trichlorofluoromethane
Concen: 54.161 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Instrument :
MSVOA_X
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S49-0563MSD

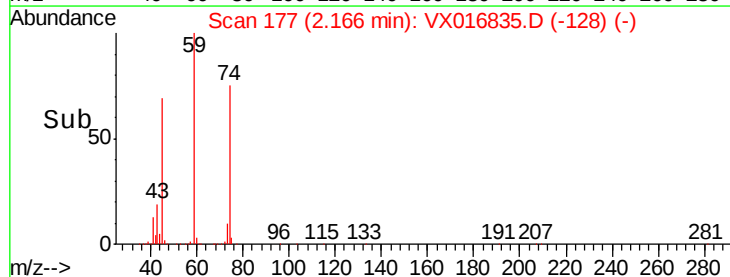
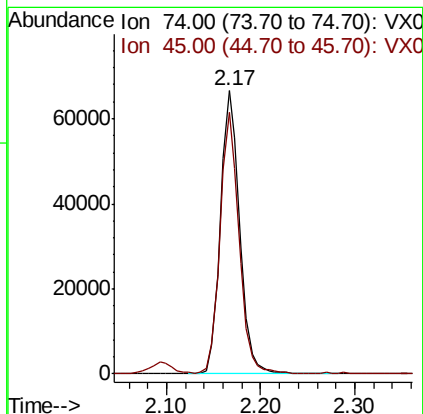
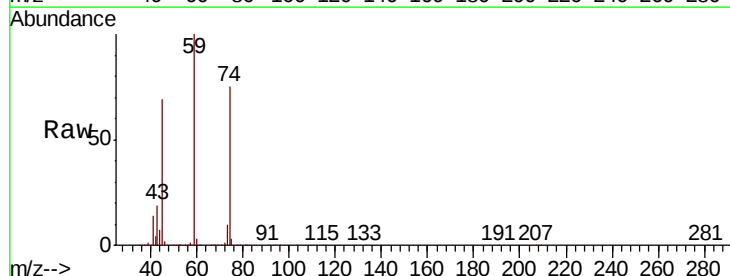
Tot Ion:101 Resp: 218281
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9

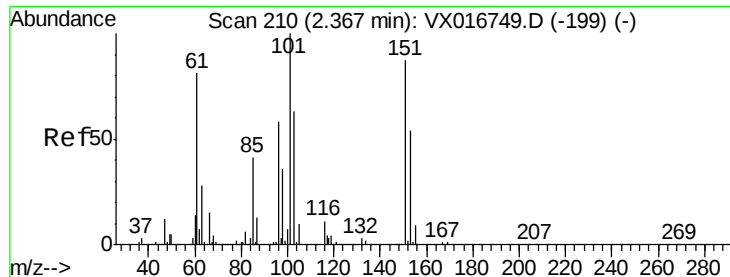


#8

Diethyl Ether
Concen: 57.081 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 74 Resp: 93942
Ion Ratio Lower Upper
74 100
45 90.6 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.118 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

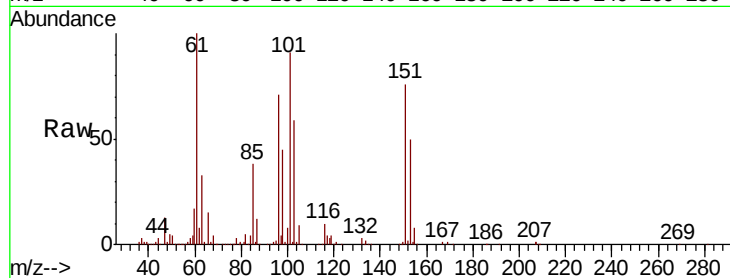
Tot Ion:101 Resp: 106865

Ion Ratio Lower Upper

101 100

85 42.9 34.0 51.0

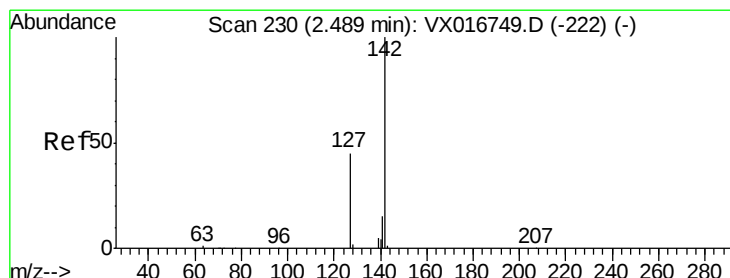
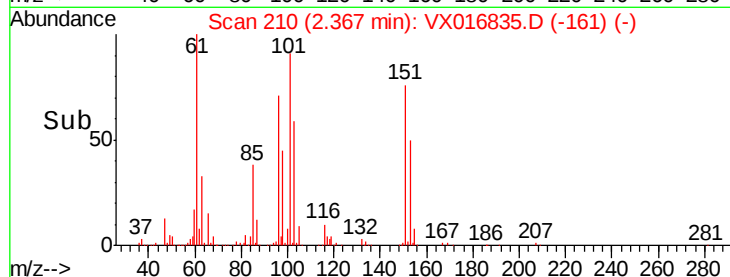
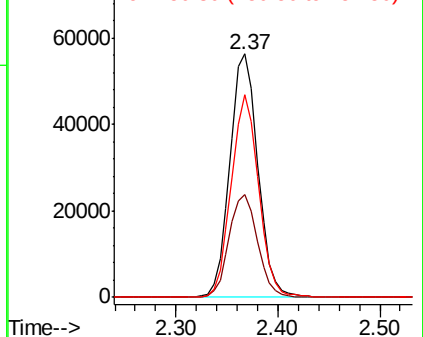
151 81.1 68.7 103.1



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: 53.376 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

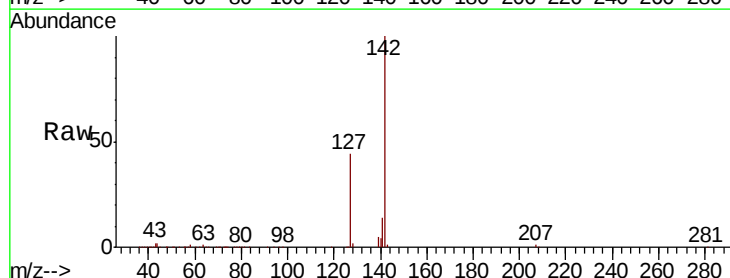
Tgt Ion:142 Resp: 136792

Ion Ratio Lower Upper

142 100

127 43.2 35.4 53.2

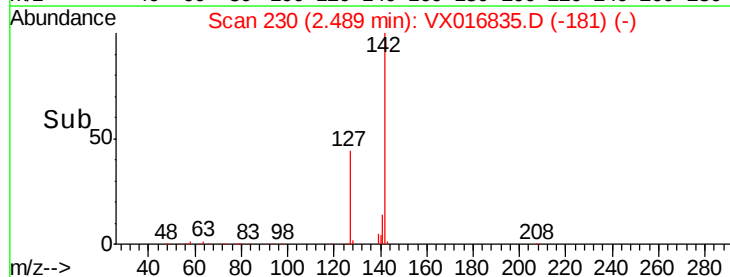
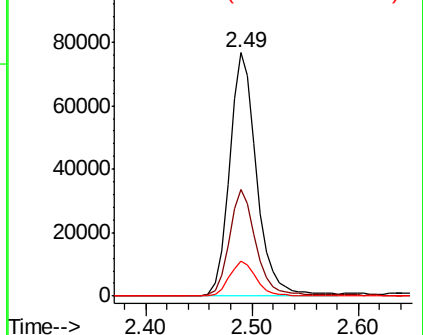
141 14.3 11.7 17.5

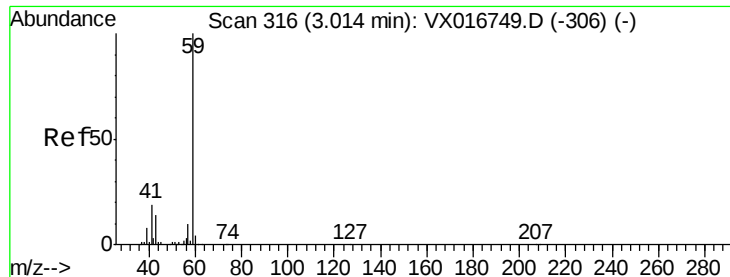


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



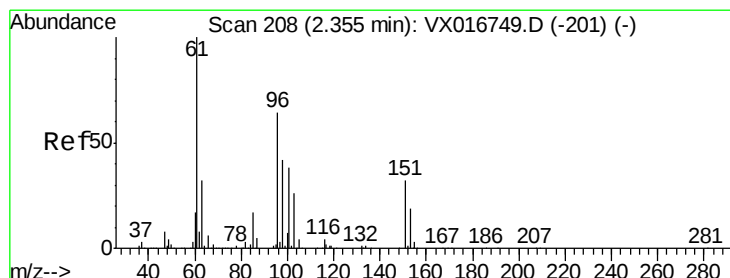
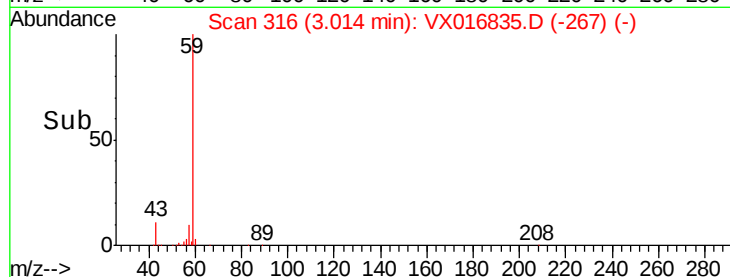
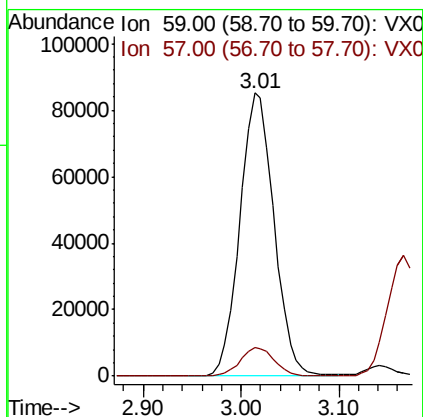
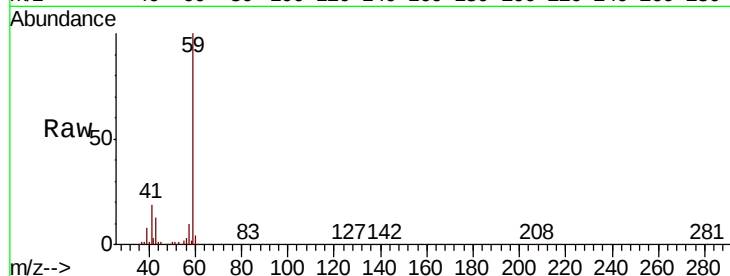


#11

Tert butyl alcohol
Concen: 304.020 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

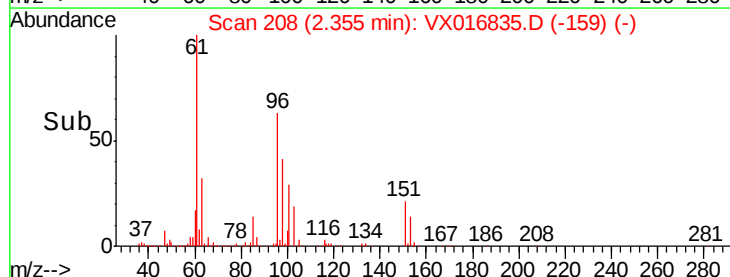
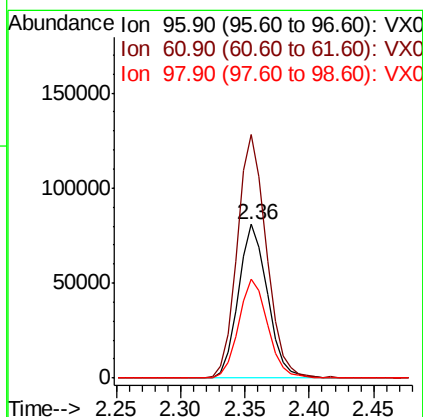
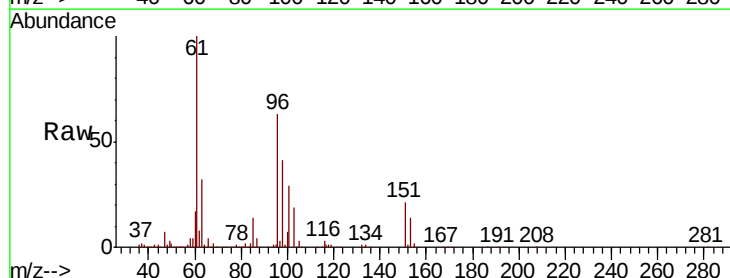
Tot Ion: 59 Resp: 206381
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

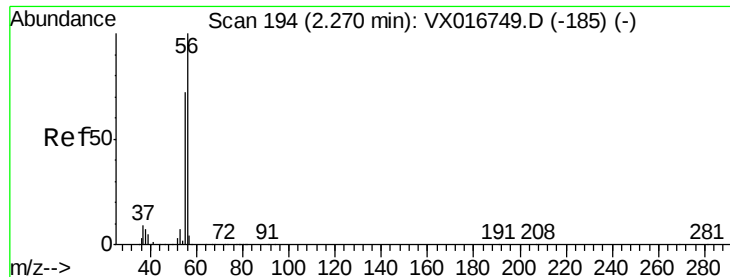


#12

1,1-Dichloroethene
Concen: 53.869 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 96 Resp: 126486
Ion Ratio Lower Upper
96 100
61 158.9 124.1 186.1
98 64.7 52.7 79.1





#13

Acrolein

Concen: 279.365 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

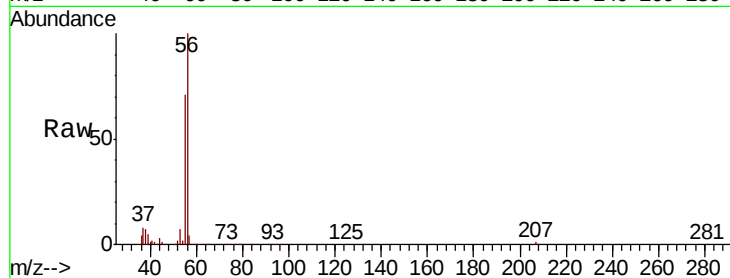
S49-0563MSD

Tot Ion: 56 Resp: 80828

Ion Ratio Lower Upper

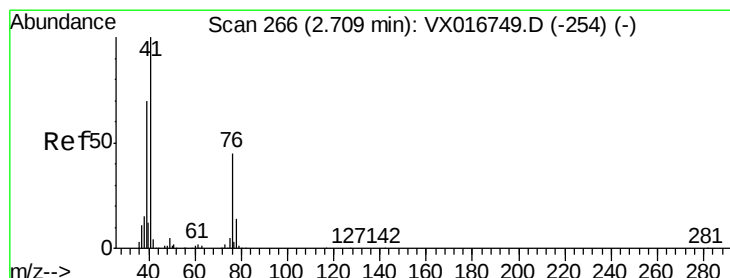
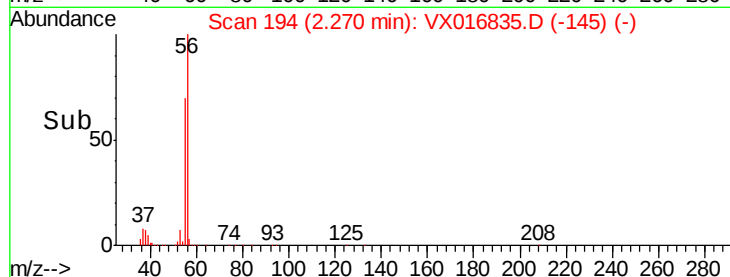
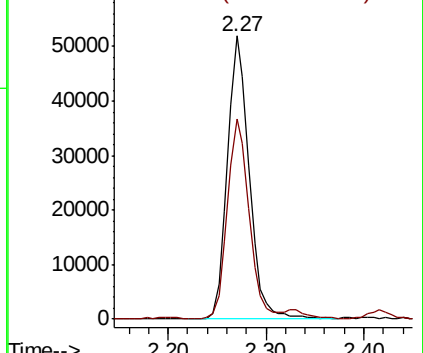
56 100

55 70.1 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.729 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

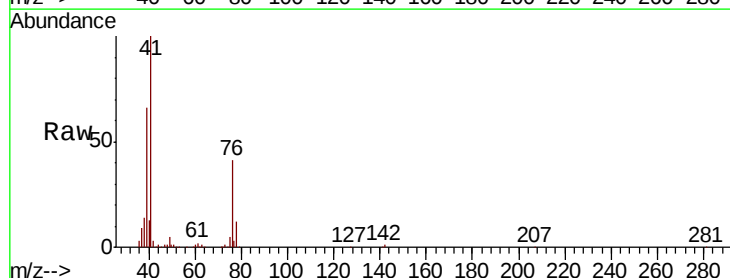
Tgt Ion: 41 Resp: 182621

Ion Ratio Lower Upper

41 100

39 59.2 50.2 75.4

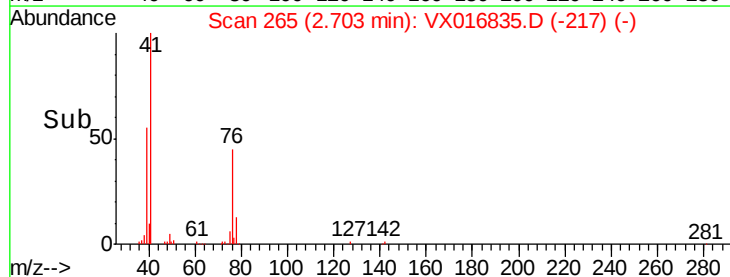
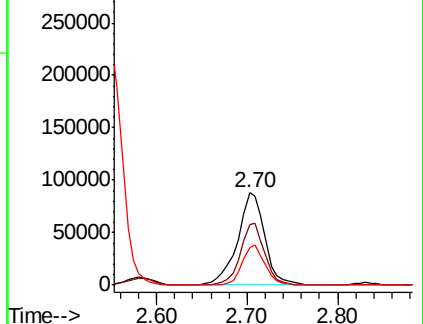
76 36.1 30.4 45.6

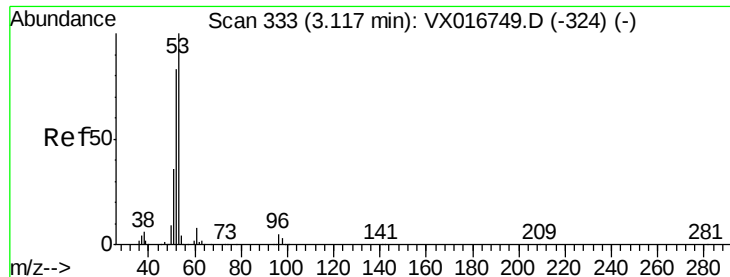


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 276.653 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

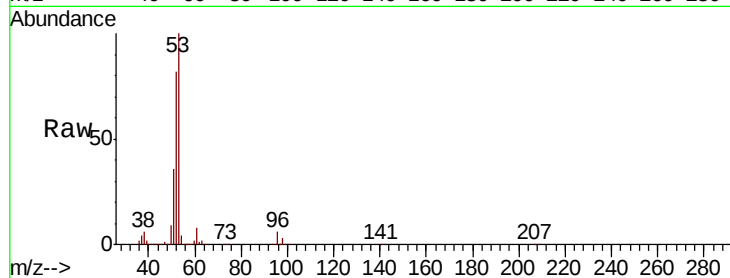
Tot Ion: 53 Resp: 381085

Ion Ratio Lower Upper

53 100

52 82.6 65.5 98.3

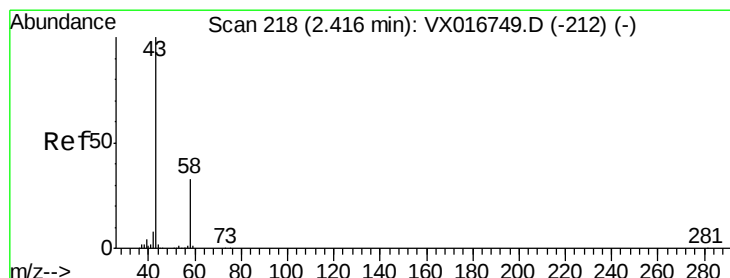
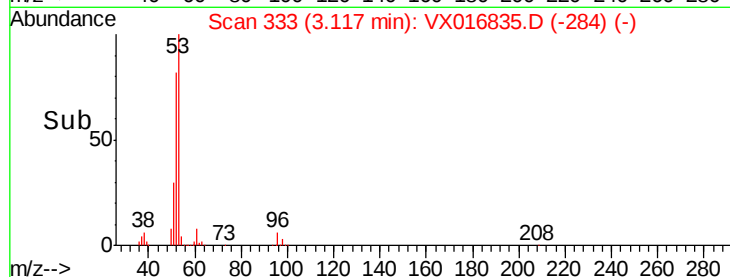
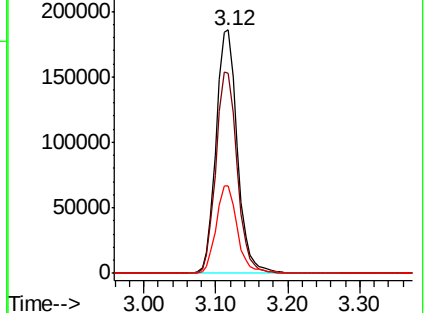
51 35.9 28.6 42.8



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: 572.703 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016835.D

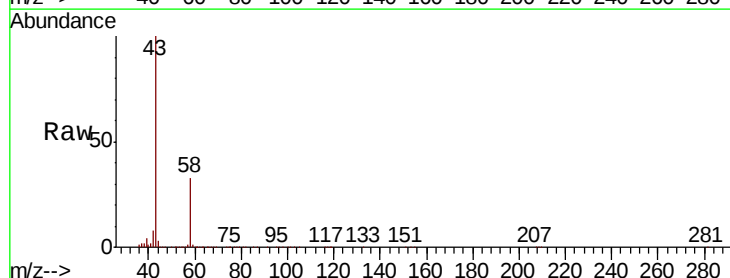
Acq: 17 Jun 2020 22:14

Tgt Ion: 43 Resp: 701976

Ion Ratio Lower Upper

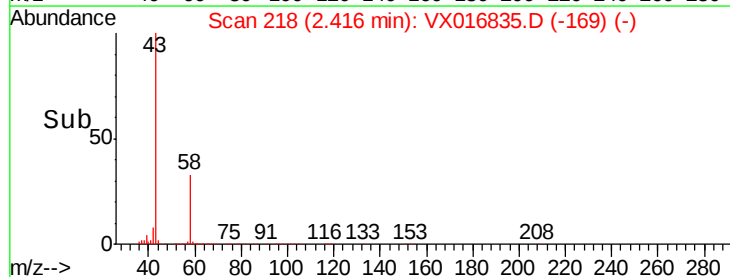
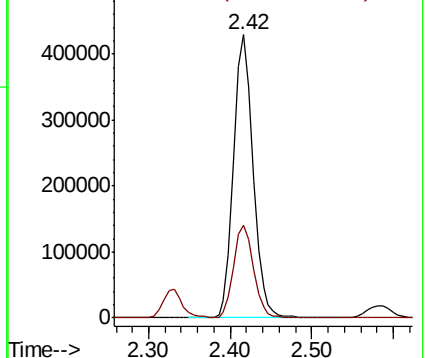
43 100

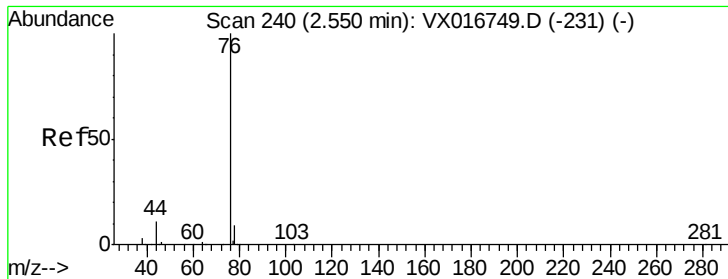
58 32.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

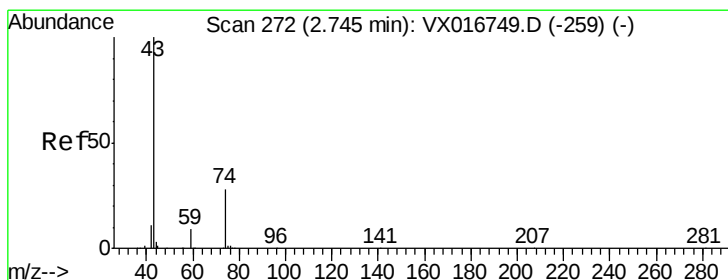
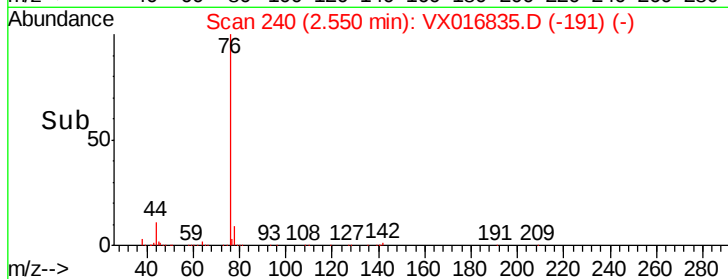
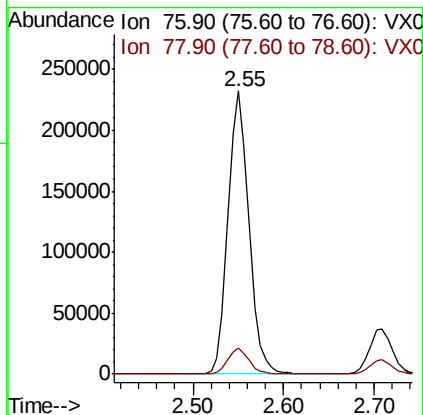
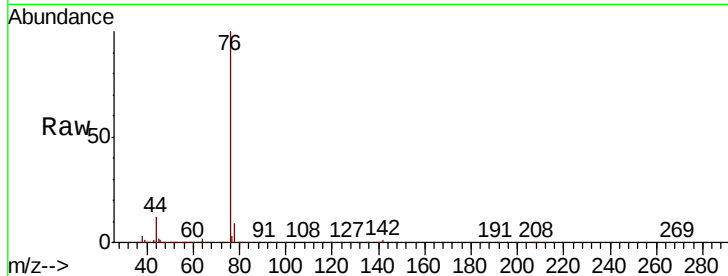




#17
Carbon Disulfide
Concen: 55.369 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

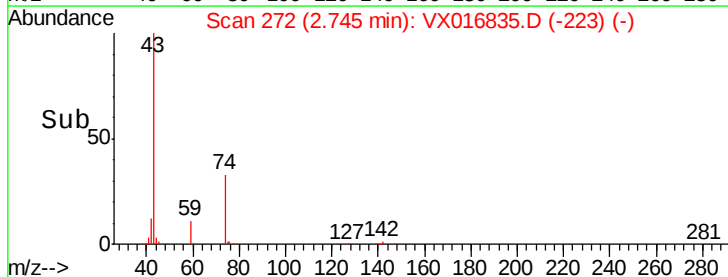
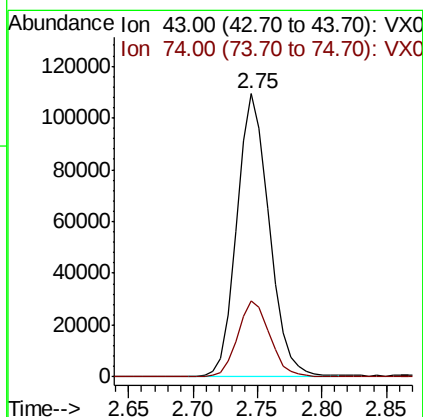
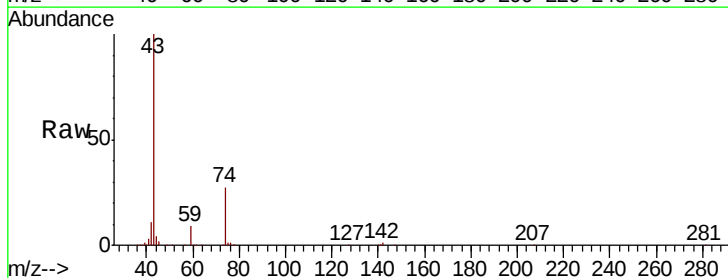
Instrument :
MSVOA_X
ClientSampled :
S49-0563MSD

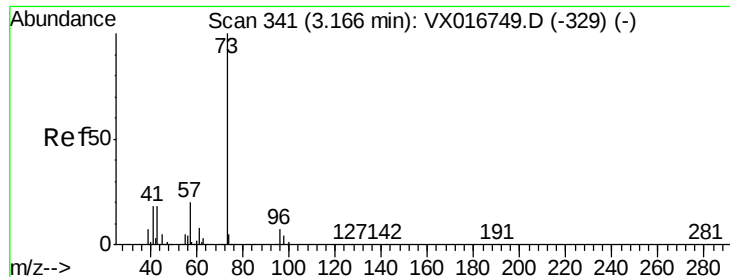
Tot Ion: 76 Resp: 372335
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 57.900 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 43 Resp: 189431
Ion Ratio Lower Upper
43 100
74 27.3 22.4 33.6



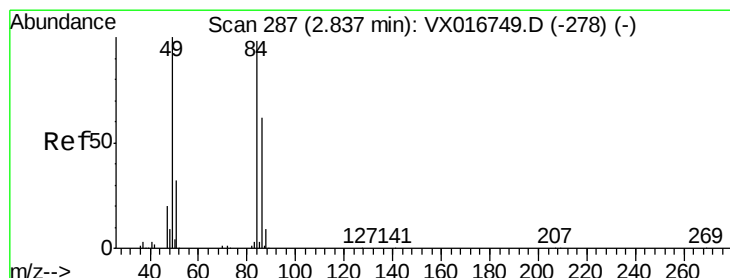
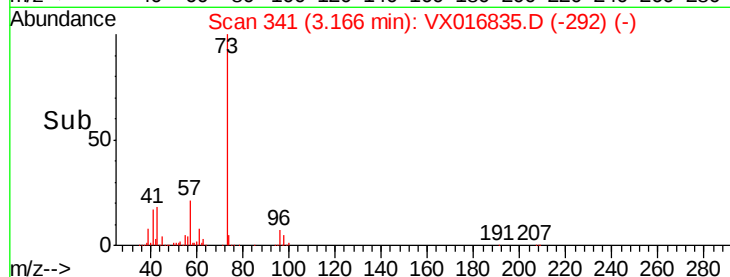
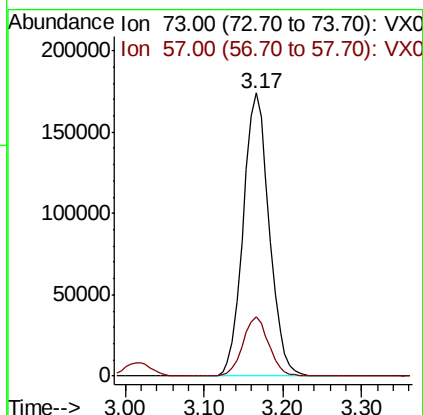
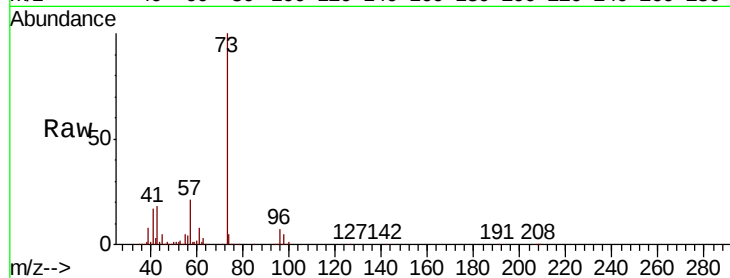


#19

Methyl tert-butyl Ether
 Concen: 50.004 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

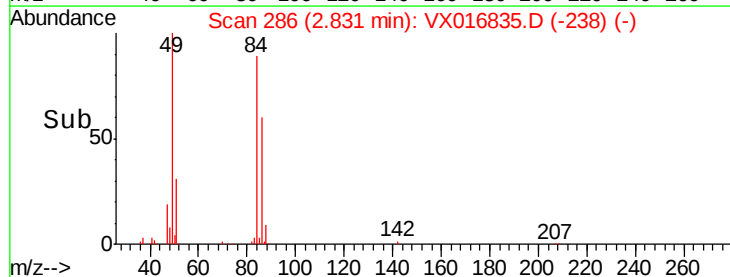
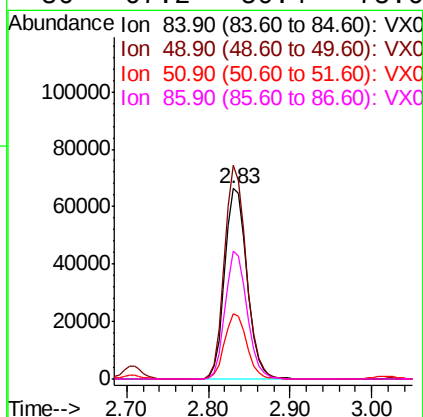
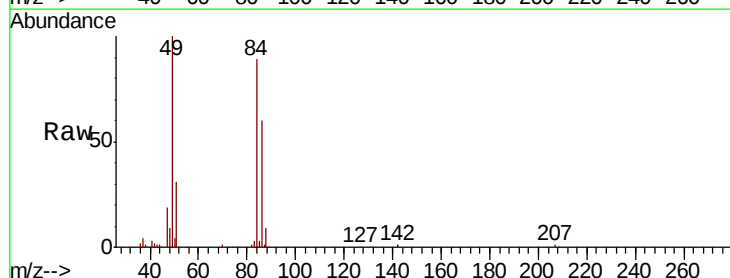
Tot Ion: 73 Resp: 400170
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.2 24.4

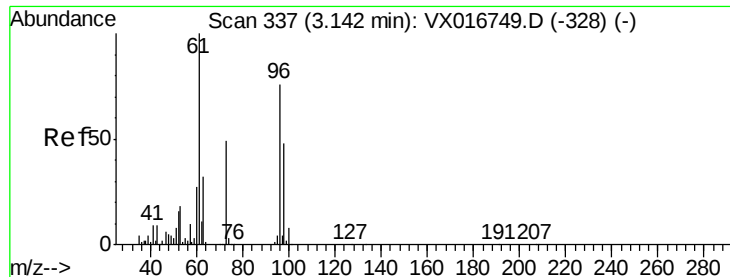


#20

Methylene Chloride
 Concen: 47.489 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Tgt Ion: 84 Resp: 125380
 Ion Ratio Lower Upper
 84 100
 49 112.0 81.8 122.8
 51 34.4 25.8 38.8
 86 67.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 54.704 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

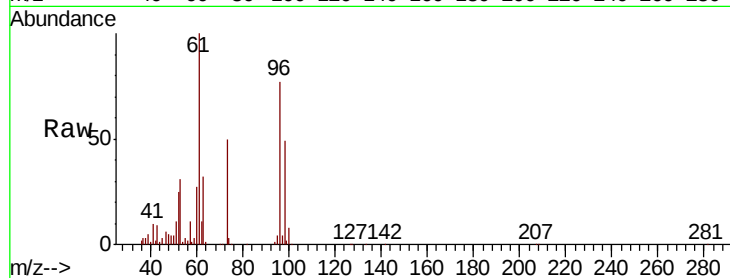
Tot Ion: 96 Resp: 138030

Ion Ratio Lower Upper

96 100

61 129.5 105.4 158.2

98 64.0 50.8 76.2

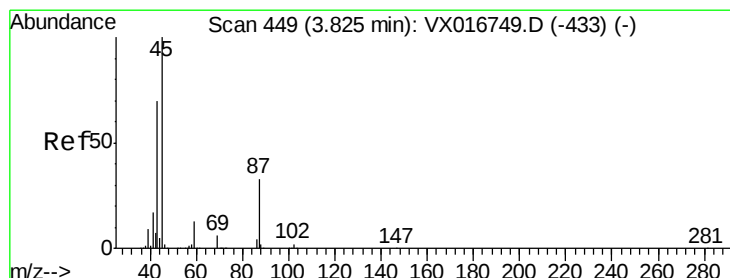
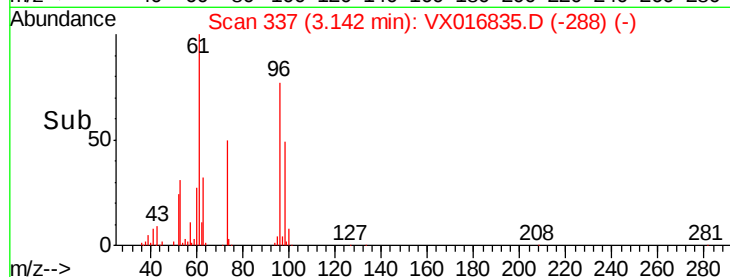
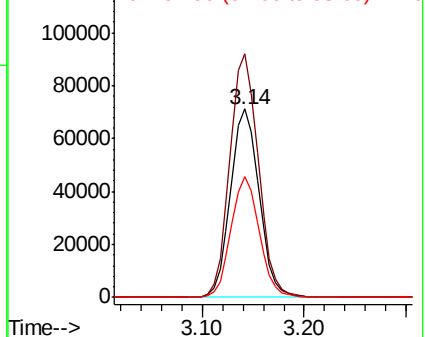


Abundance

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: 50.813 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Tgt Ion: 45 Resp: 350506

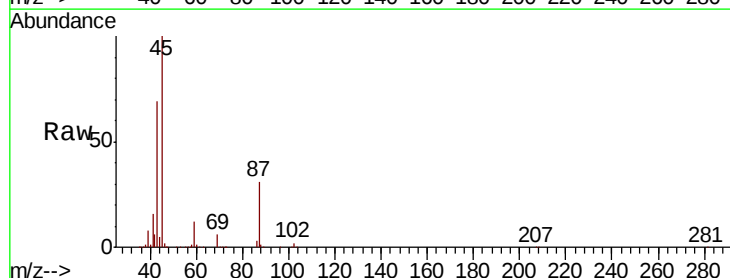
Ion Ratio Lower Upper

45 100

43 69.2 56.2 84.4

87 30.9 26.2 39.4

59 12.4 10.3 15.5



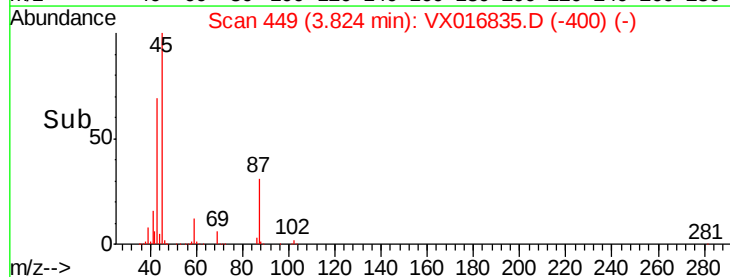
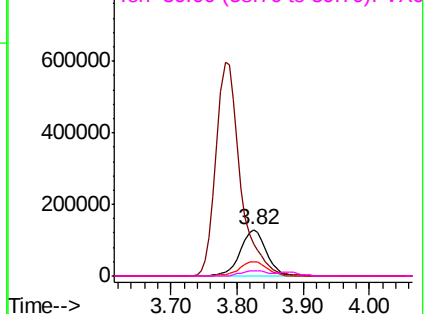
Abundance

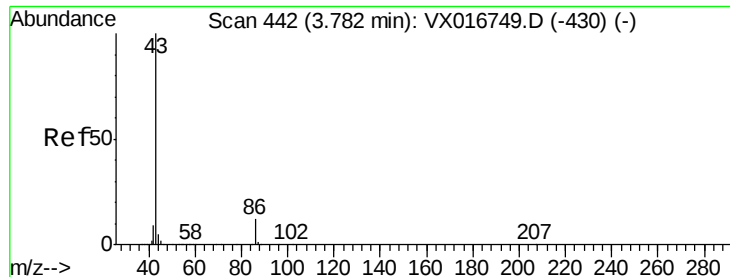
Ion 45.00 (44.70 to 45.70): VX0

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: 257.526 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

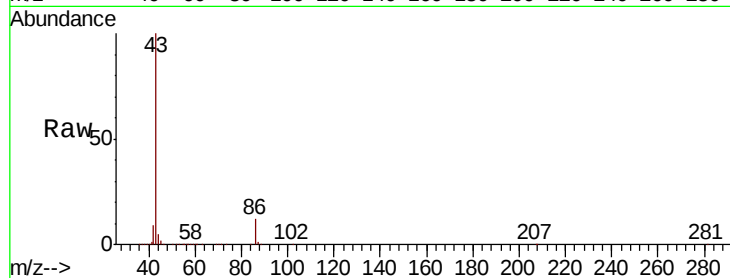
S49-0563MSD

Tot Ion: 43 Resp: 1535386

Ion Ratio Lower Upper

43 100

86 12.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

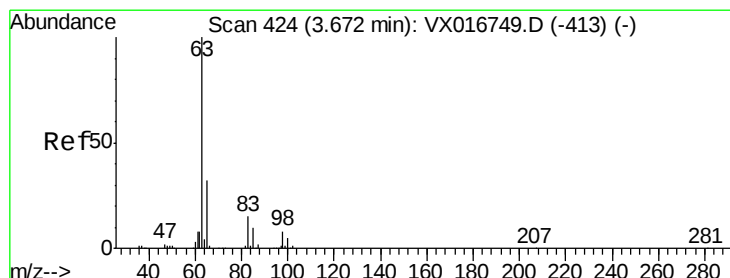
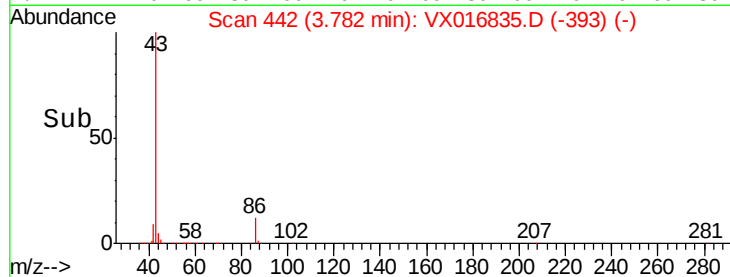
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.228 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

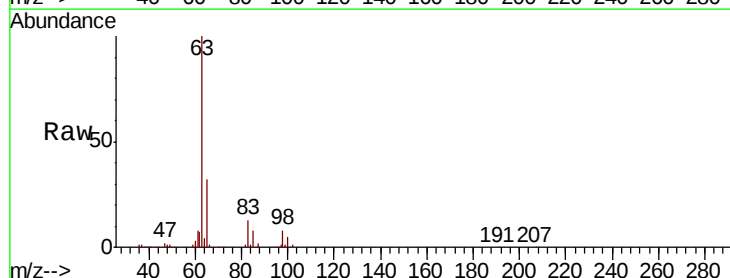
Tgt Ion: 63 Resp: 212383

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.8 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

120000

100000

80000

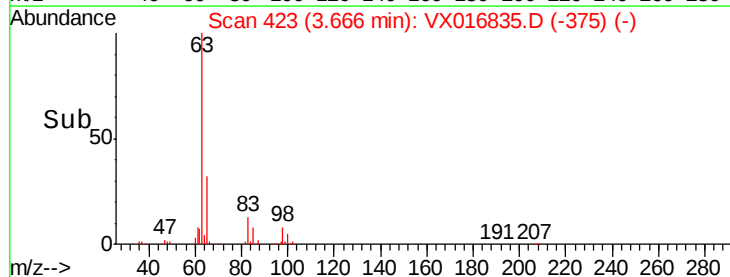
60000

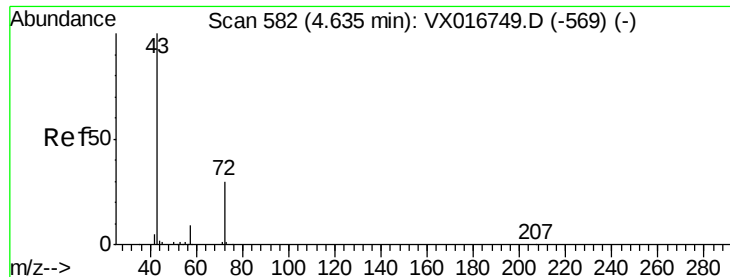
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 2454.055 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

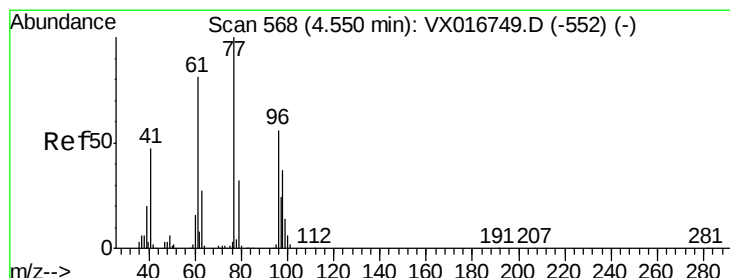
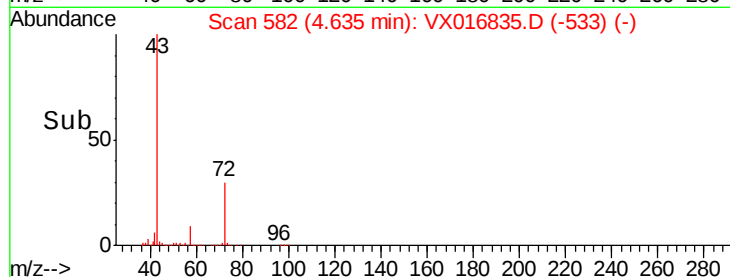
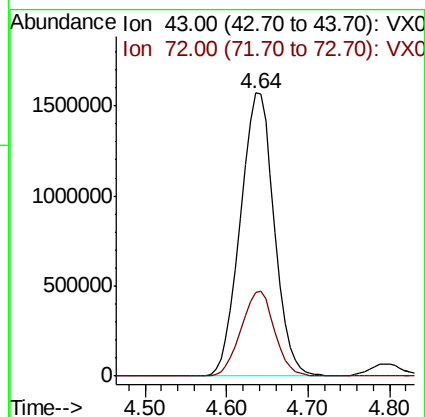
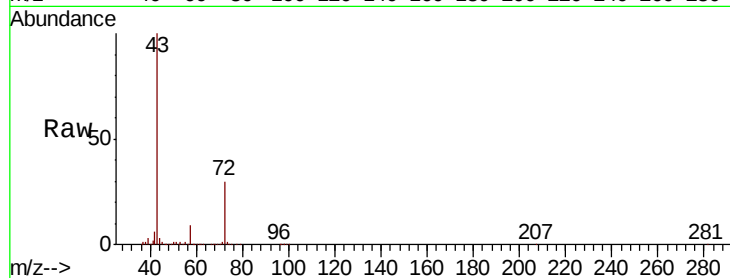
S49-0563MSD

Tot Ion: 43 Resp: 4533359

Ion Ratio Lower Upper

43 100

72 29.5 24.2 36.4



#26

2,2-Dichloropropane

Concen: 41.182 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016835.D

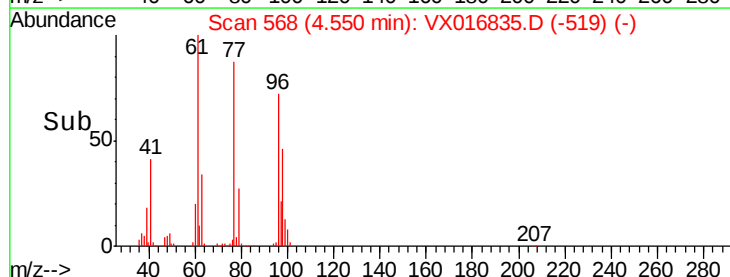
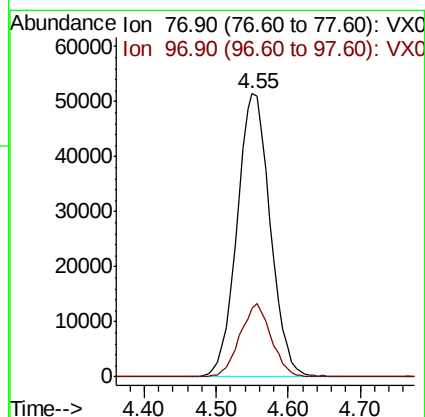
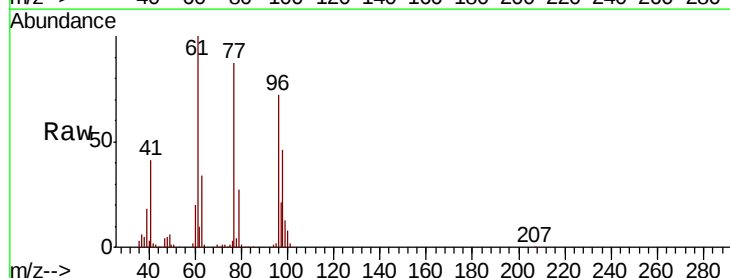
Acq: 17 Jun 2020 22:14

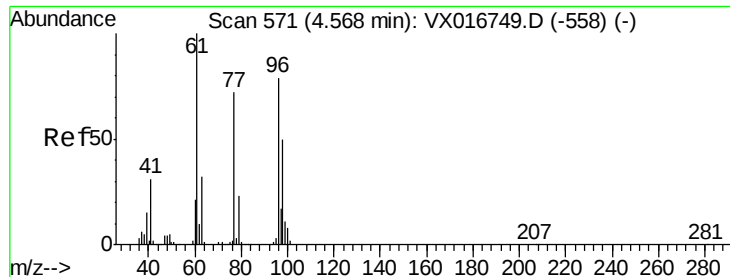
Tgt Ion: 77 Resp: 164518

Ion Ratio Lower Upper

77 100

97 24.5 11.5 34.4



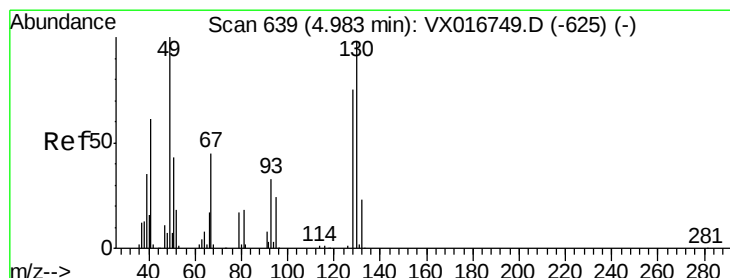
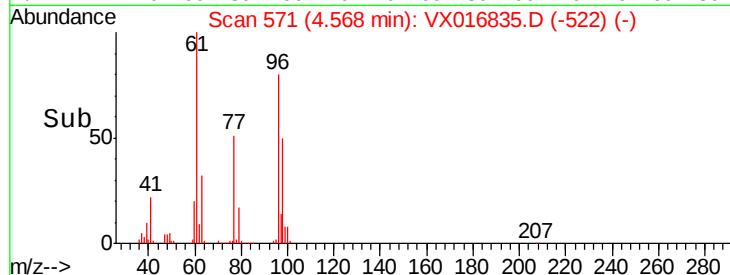
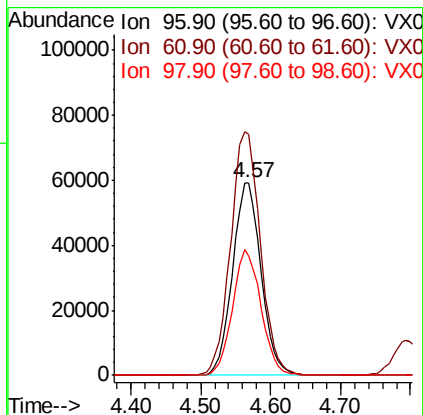
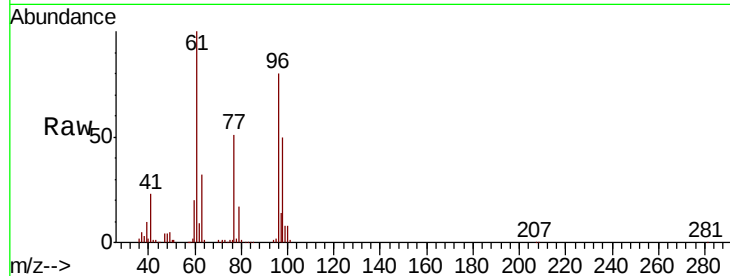


#27

cis-1,2-Dichloroethene
 Concen: 58.311 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

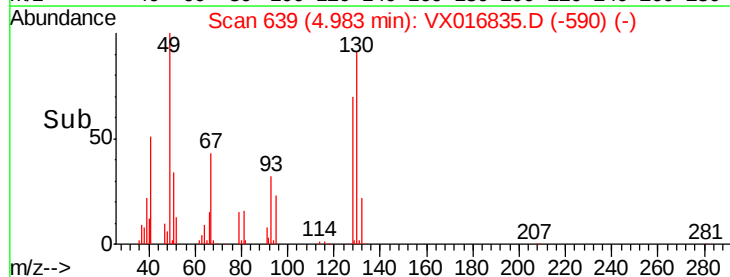
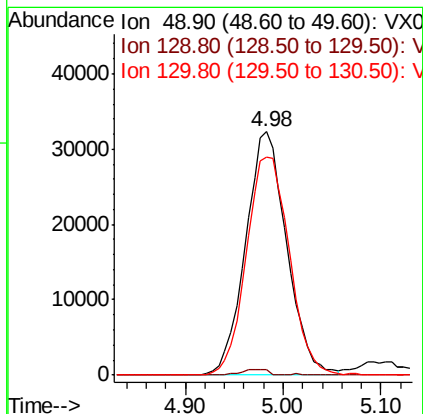
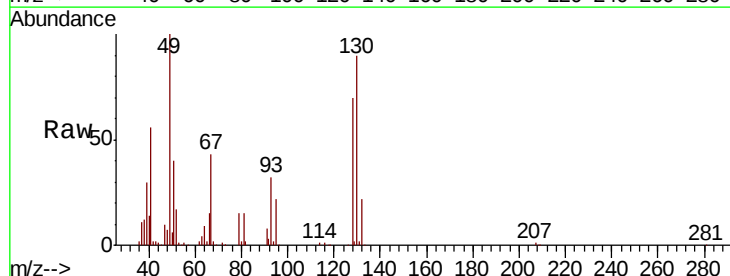
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	276.2
98	65.0	0.0	130.0

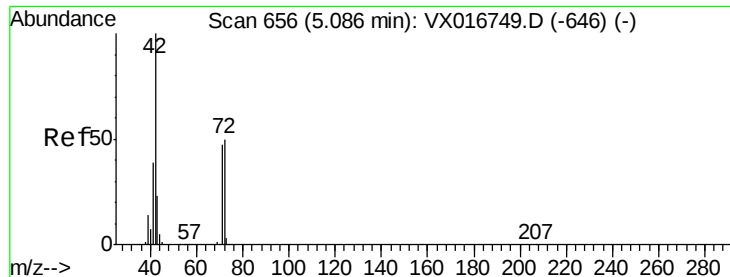


#28

Bromochloromethane
 Concen: 51.202 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.8
130	93.8	76.0	114.0

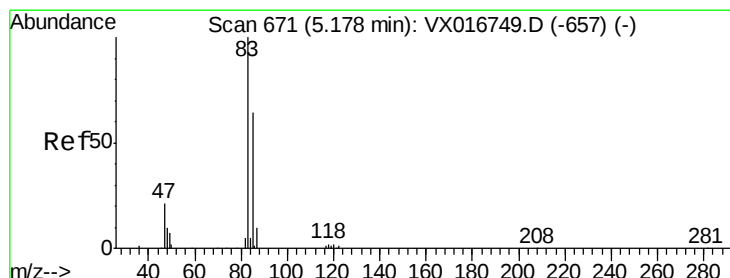
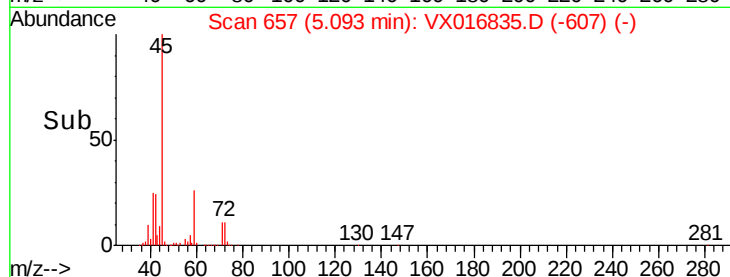
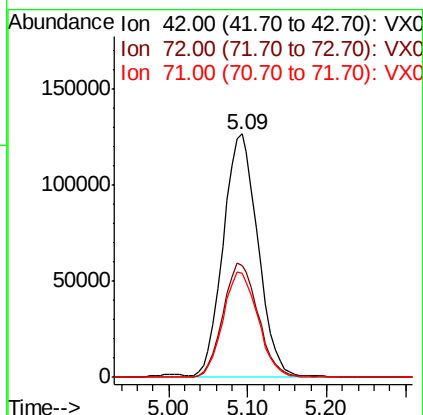
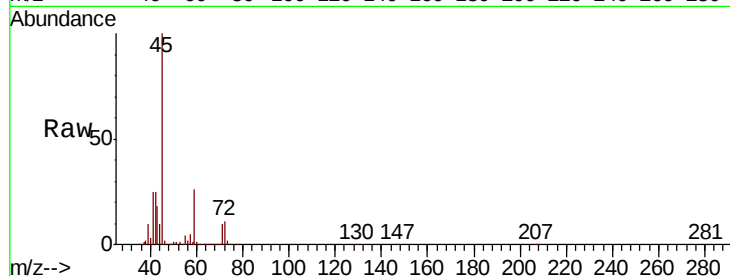




#29
Tetrahydrofuran
Concen: 322.859 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

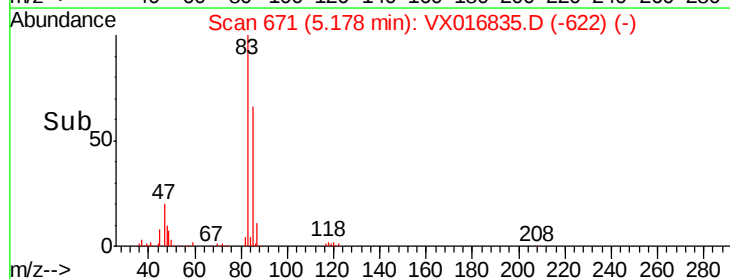
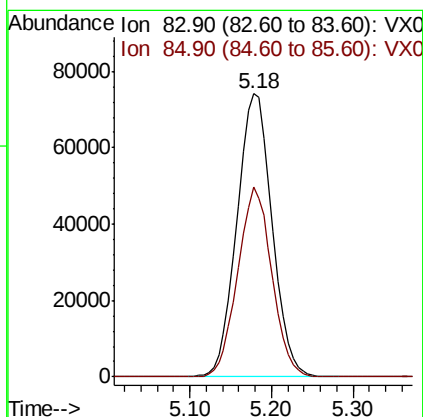
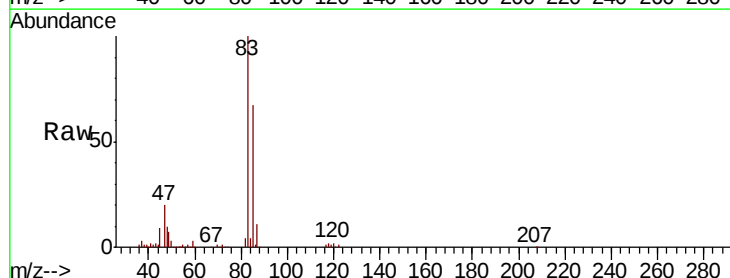
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

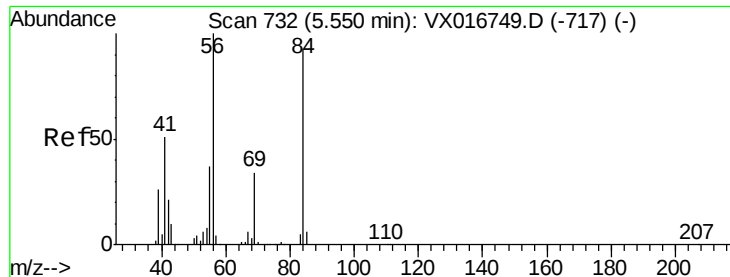
Tot Ion: 42 Resp: 386365
Ion Ratio Lower Upper
42 100
72 47.1 41.0 61.6
71 43.6 38.2 57.4



#30
Chloroform
Concen: 48.620 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 83 Resp: 221917
Ion Ratio Lower Upper
83 100
85 67.3 50.8 76.2

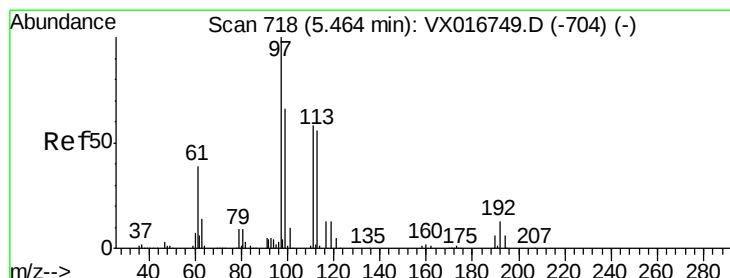
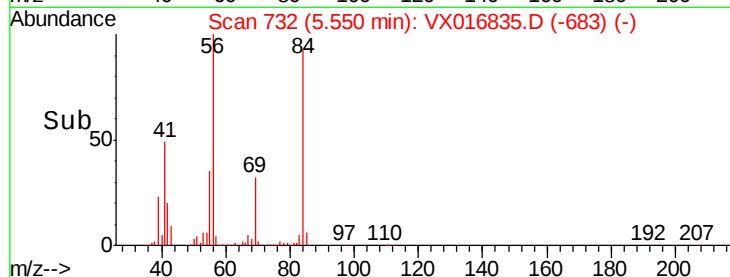
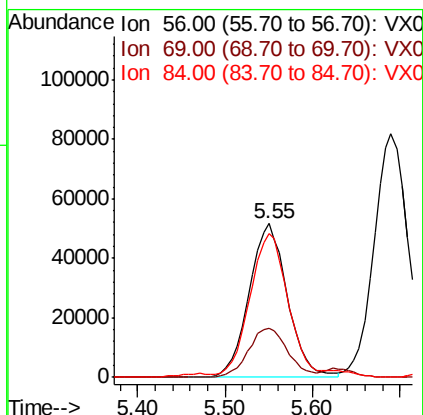
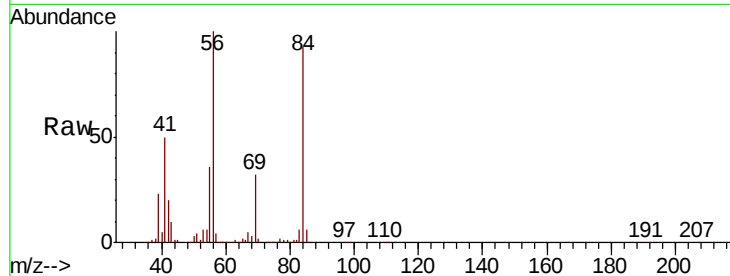




#31
Cyclohexane
Concen: 45.322 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

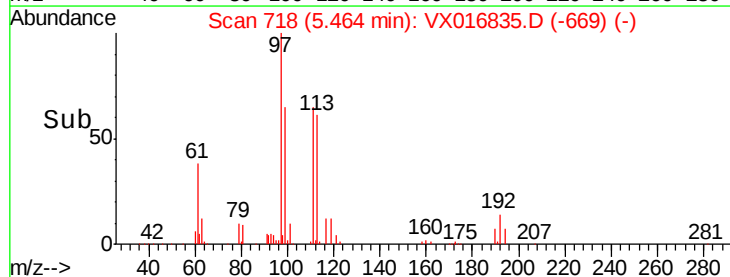
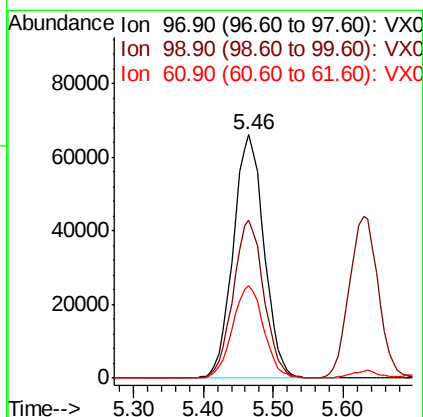
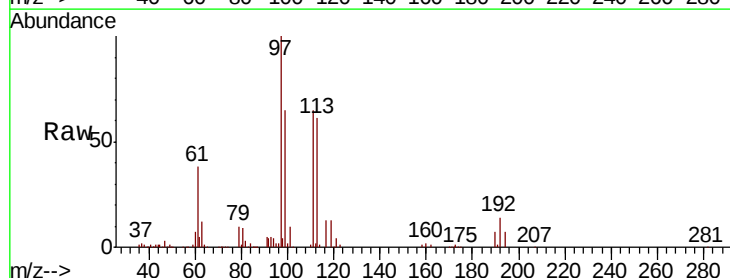
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

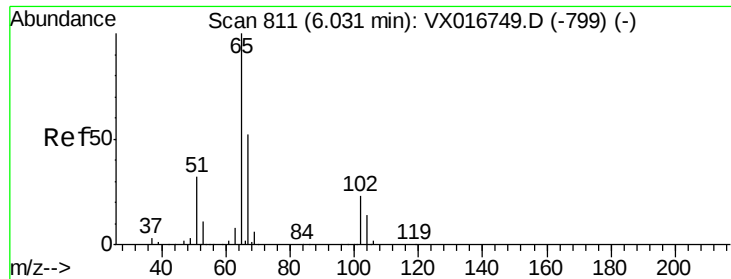
Tot Ion: 56 Resp: 157221
Ion Ratio Lower Upper
56 100
69 32.3 27.1 40.7
84 91.1 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 48.811 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 97 Resp: 202160
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 38.4 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 52.100 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

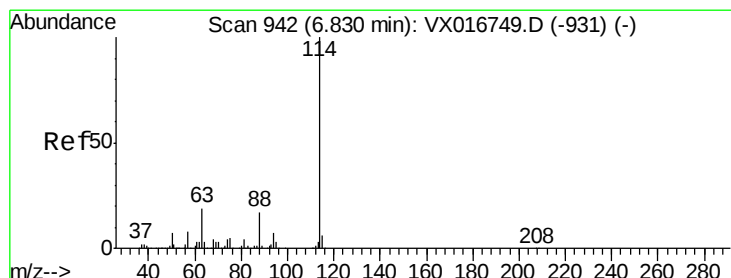
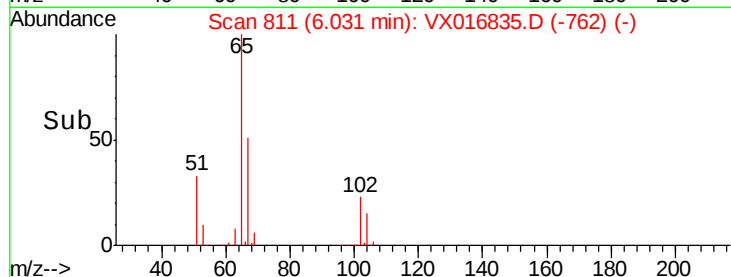
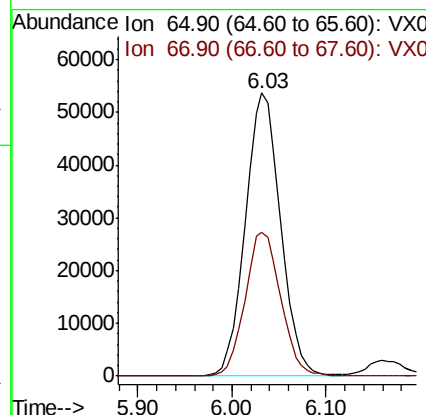
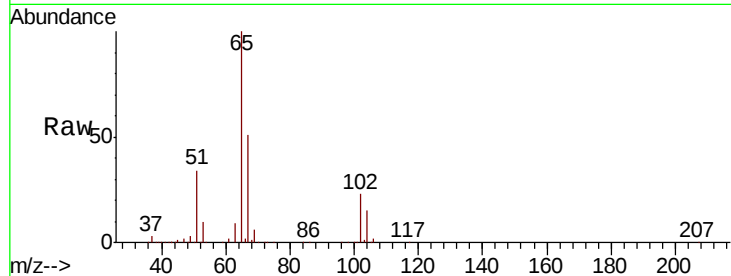
S49-0563MSD

Tot Ion: 65 Resp: 140783

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

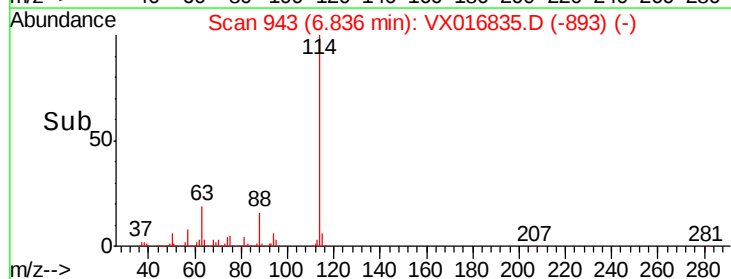
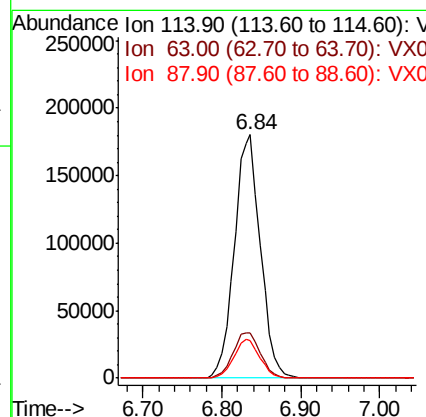
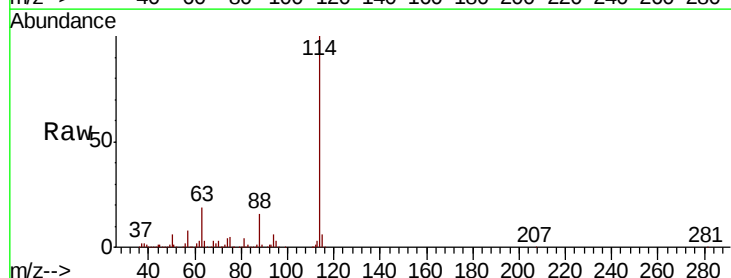
Tgt Ion: 114 Resp: 413308

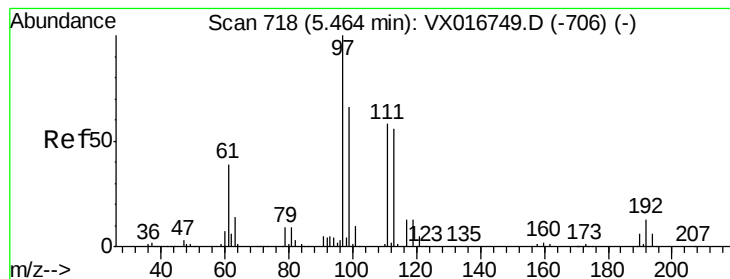
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.8

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.738 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

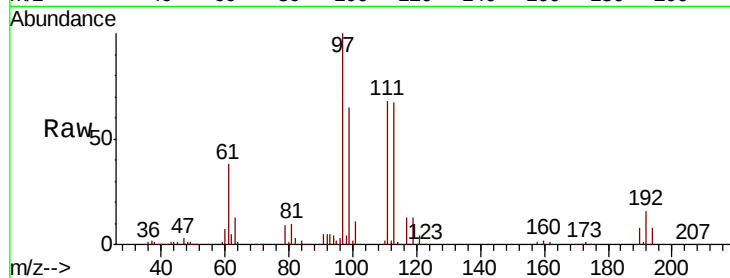
Tot Ion:113 Resp: 116634

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

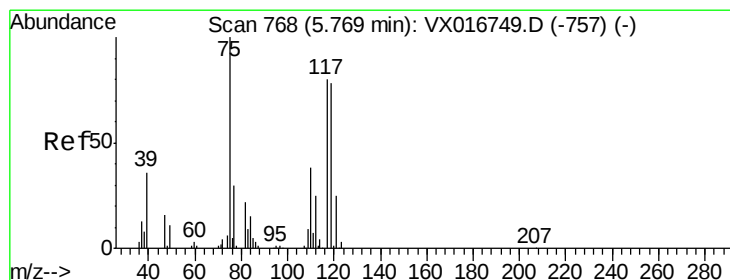
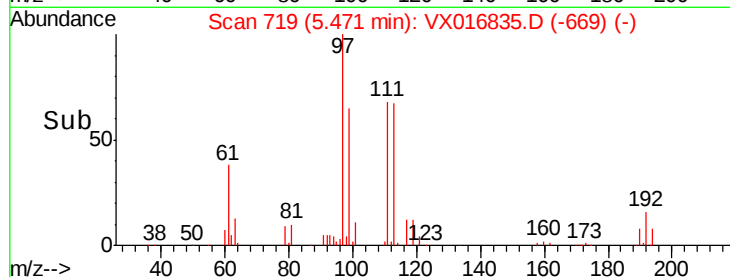
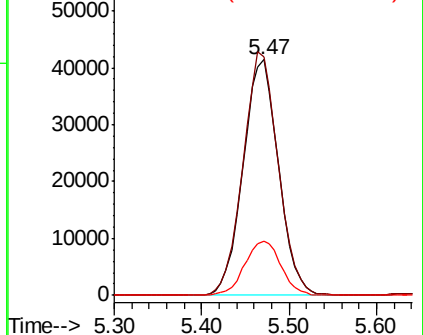
192 23.6 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.894 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

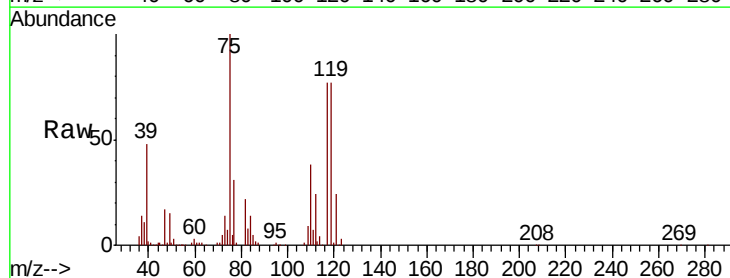
Tgt Ion: 75 Resp: 160325

Ion Ratio Lower Upper

75 100

110 36.9 18.4 55.2

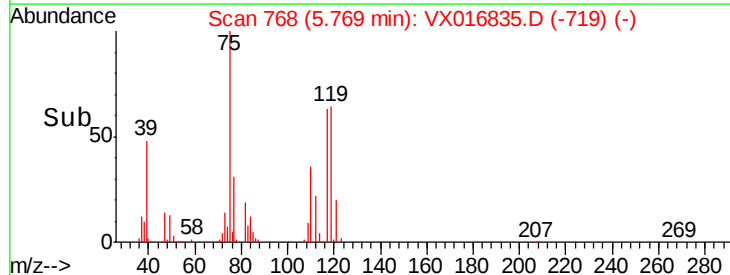
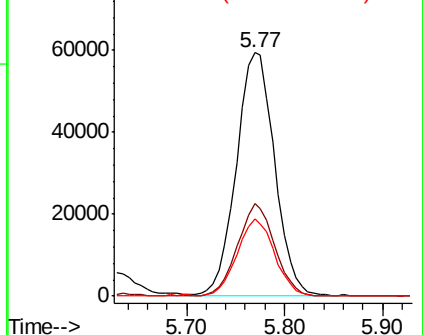
77 31.2 24.7 37.1

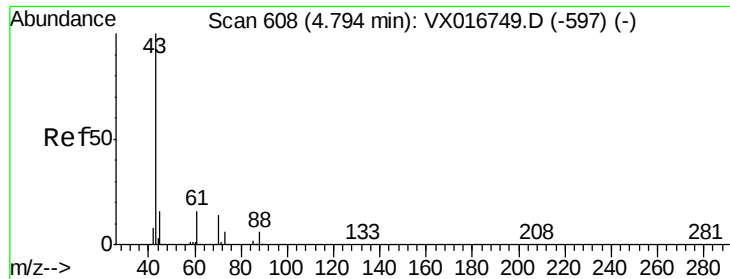


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

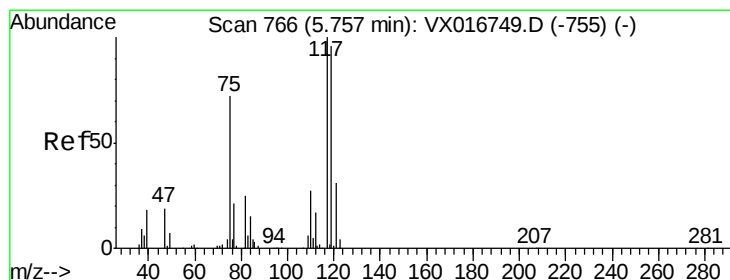
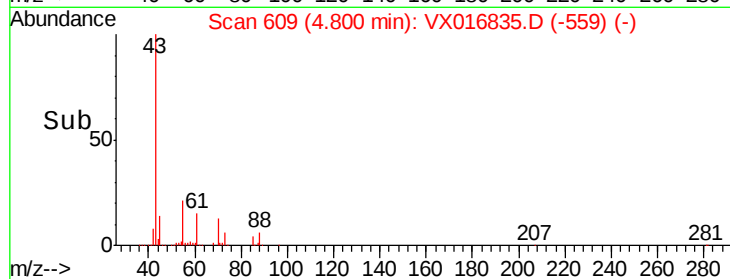
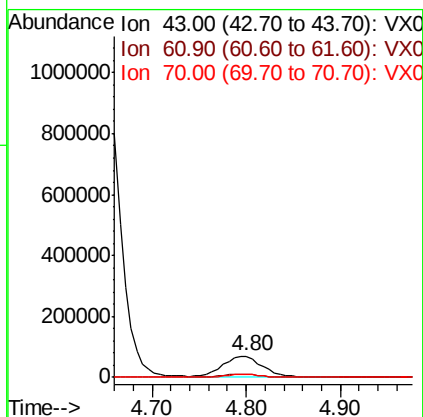
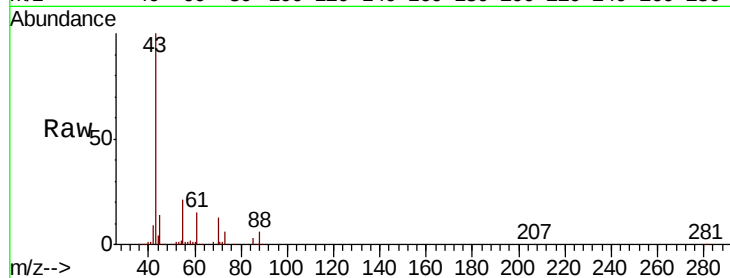




#37
Ethyl Acetate
Concen: 50.627 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

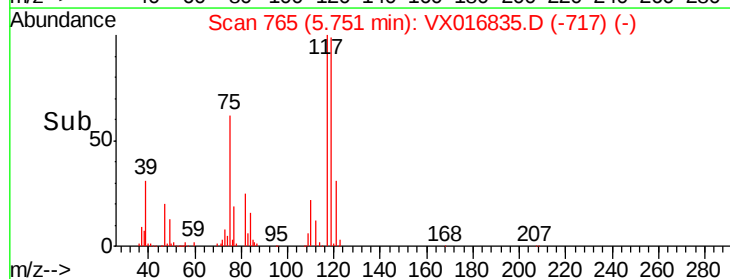
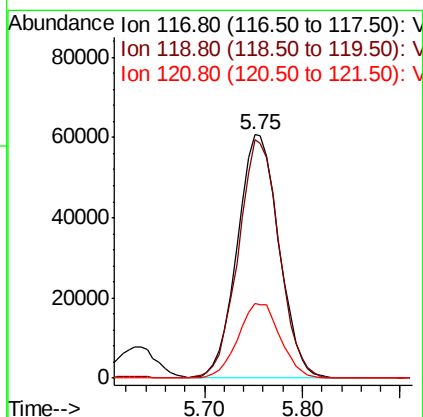
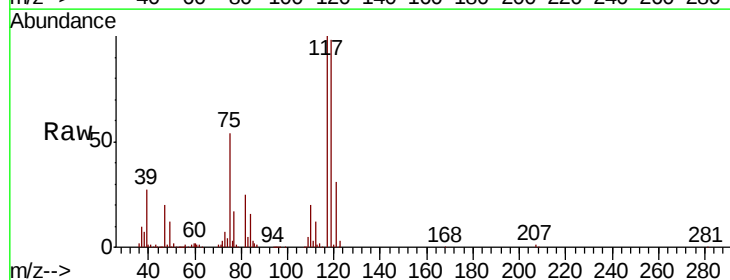
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

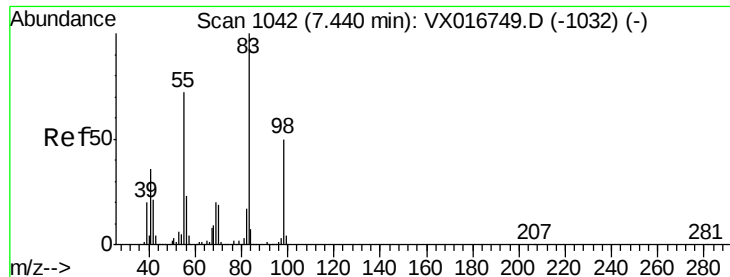
Tot Ion: 43 Resp: 202505
Ion Ratio Lower Upper
43 100
61 14.8 12.4 18.6
70 13.0 10.8 16.2



#38
Carbon Tetrachloride
Concen: 43.134 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 117 Resp: 178924
Ion Ratio Lower Upper
117 100
119 97.7 76.7 115.1
121 30.9 24.7 37.1

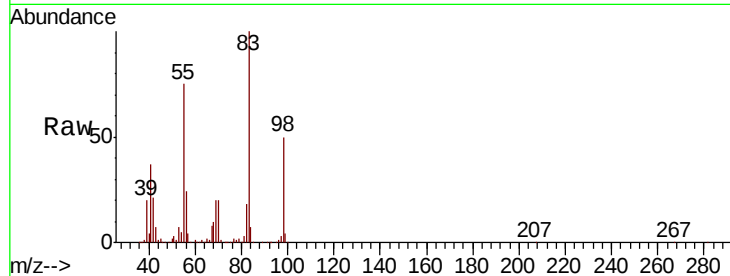




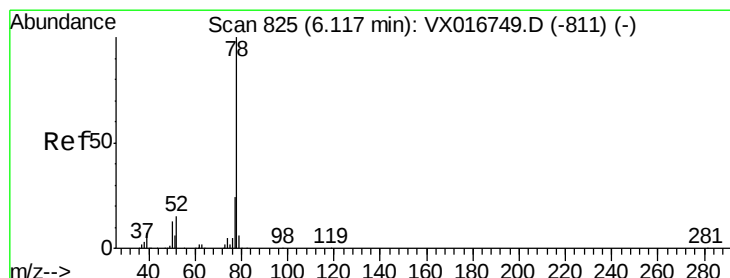
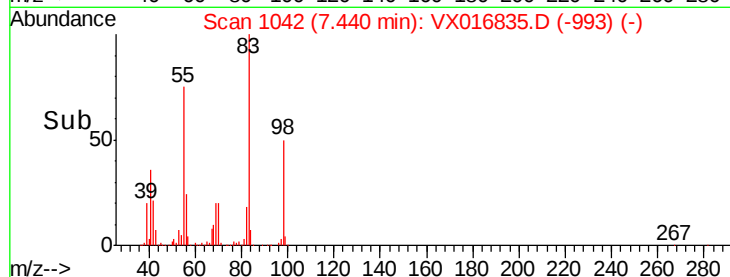
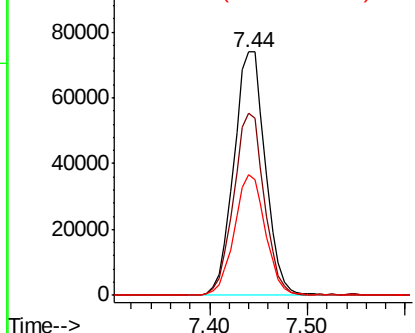
#39
Methvlcvclohexane
Concen: 39.237 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

Tot Ion: 83 Resp: 165301
Ion Ratio Lower Upper
83 100
55 75.0 57.3 85.9
98 49.8 40.3 60.5

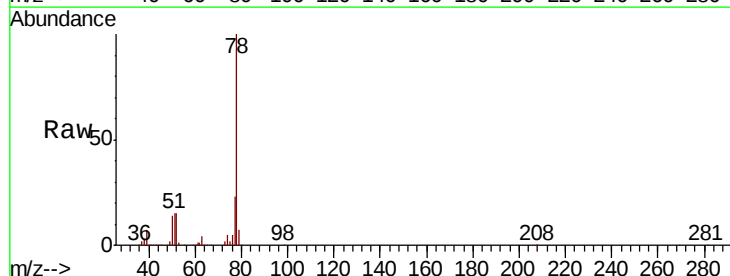


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

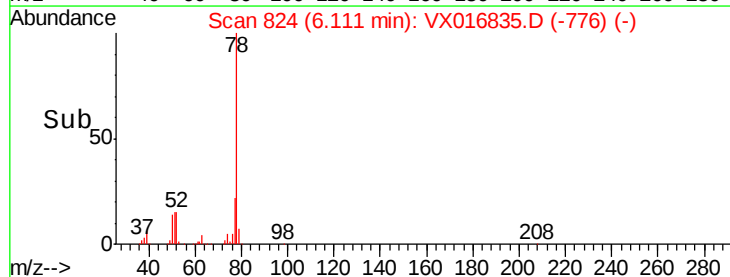
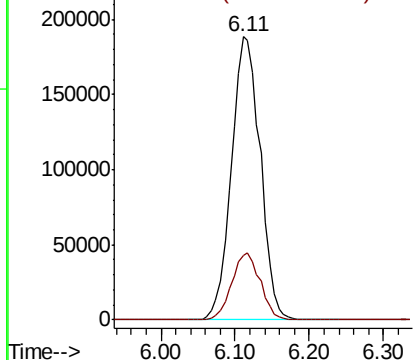


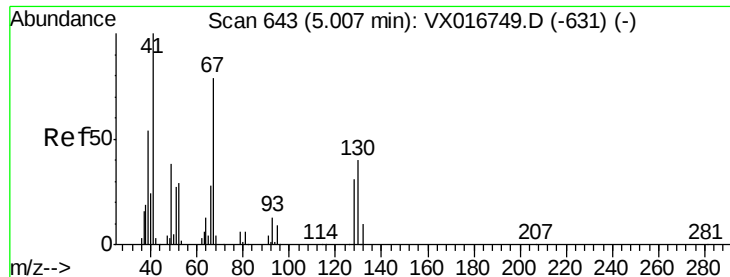
#40
Benzene
Concen: 45.919 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 78 Resp: 510653
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4



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

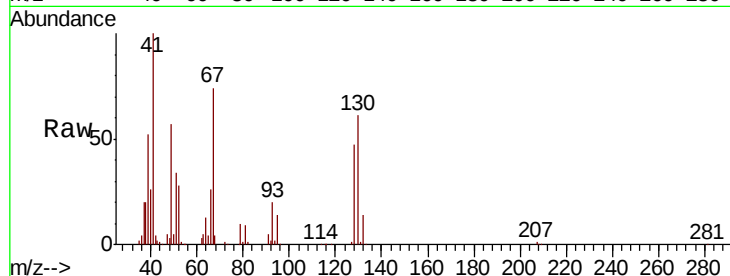




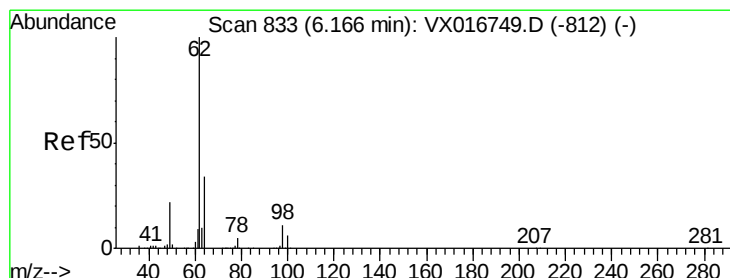
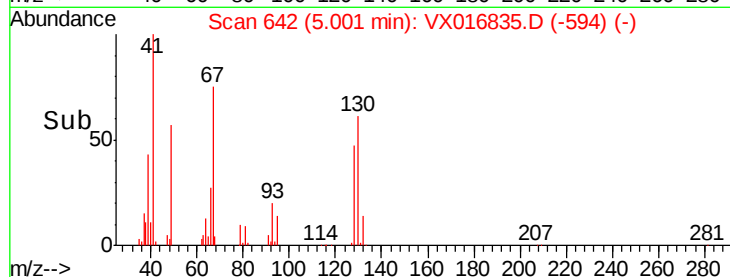
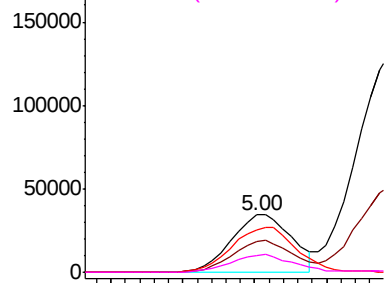
#41
Methacrylonitrile
Concen: 46.854 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

Tot Ion:	41	Resp:	99929
Ion	Ratio	Lower	Upper
41	100		
39	56.2	43.7	65.5
67	83.9	64.6	96.8
52	31.6	25.6	38.4

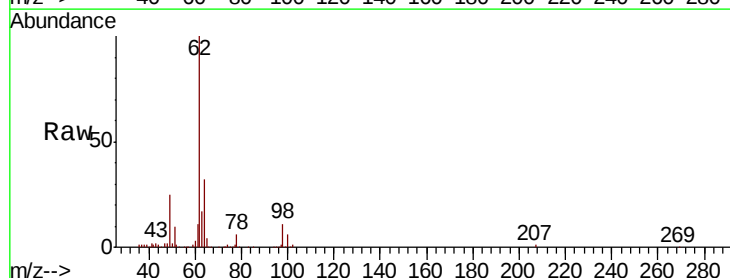


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

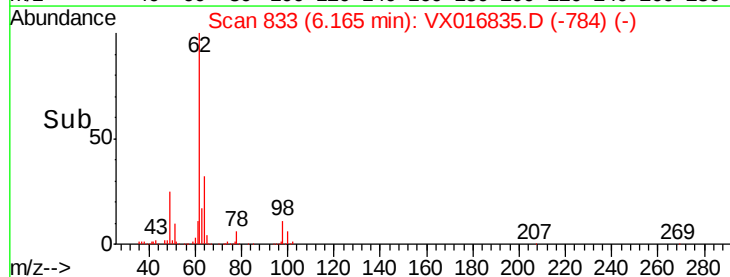
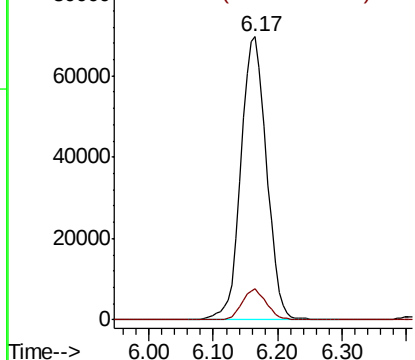


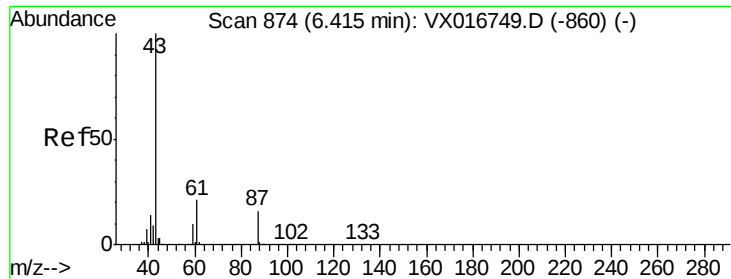
#42
1,2-Dichloroethane
Concen: 47.023 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion:	62	Resp:	190859
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2



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



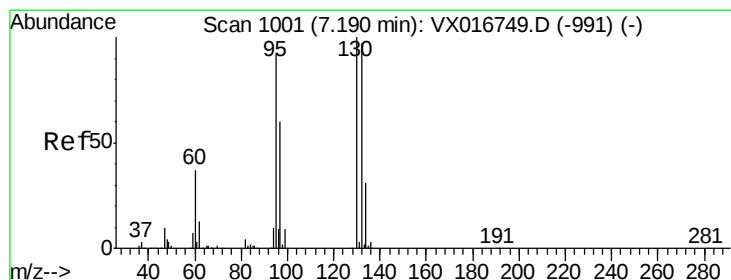
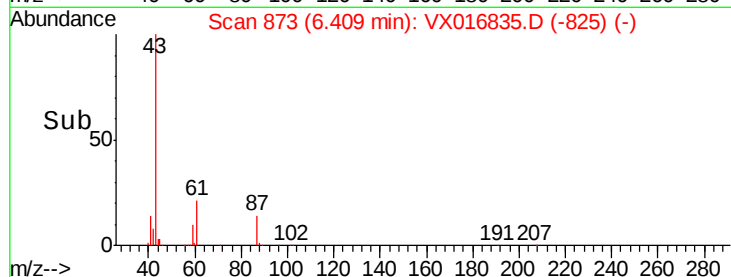
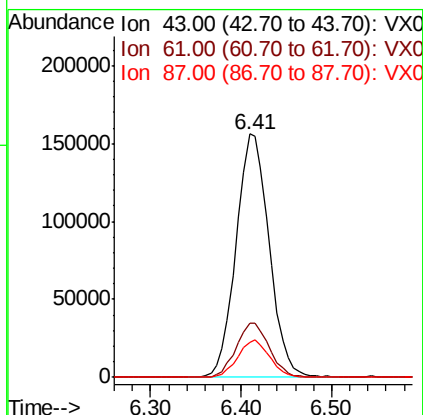
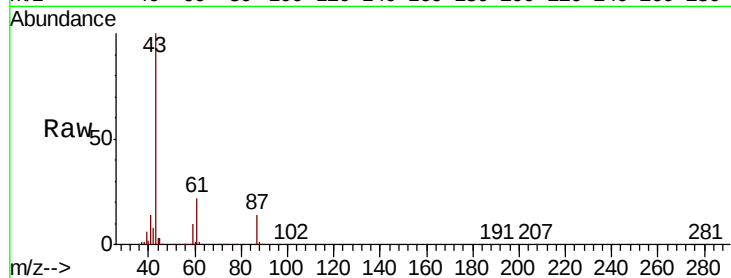


#43

Isopropyl Acetate
 Concen: 62.656 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

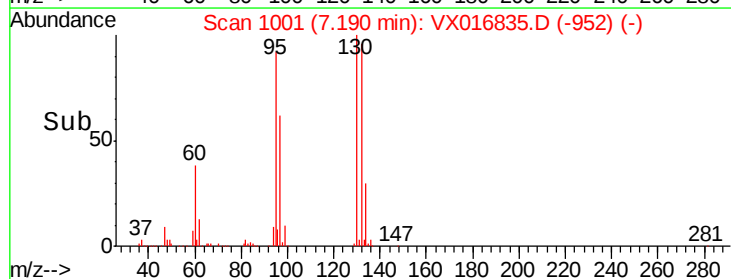
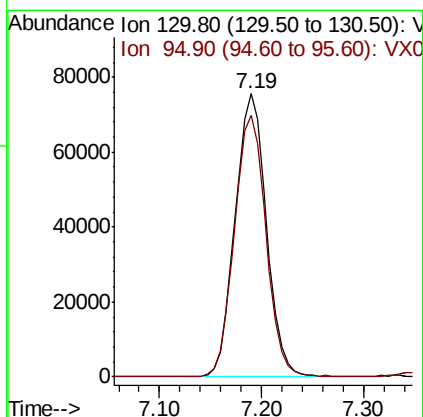
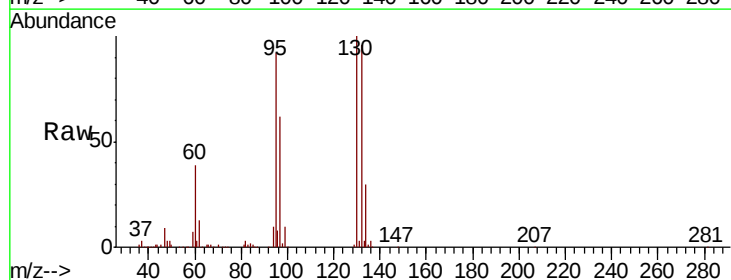
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.7	26.5
87	14.9	12.5	18.7

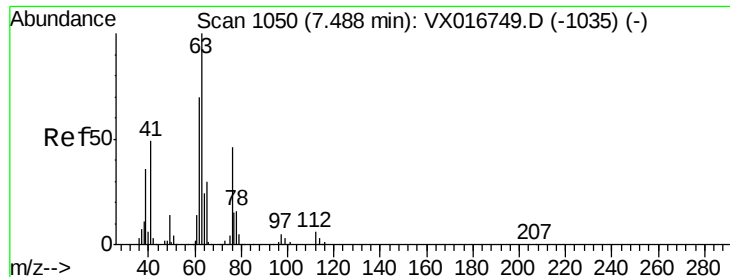


#44

Trichloroethene
 Concen: 46.589 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	183.6





#45

1,2-Dichloropropane

Concen: 49.202 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

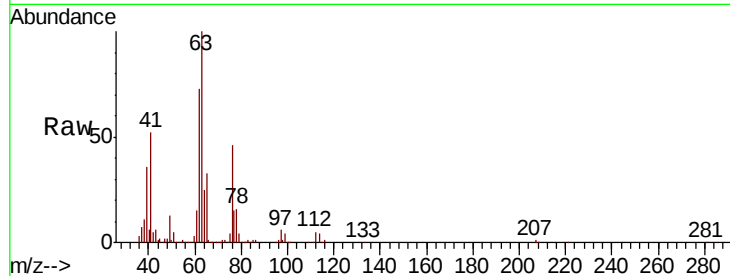
S49-0563MSD

Tot Ion: 63 Resp: 134129

Ion Ratio Lower Upper

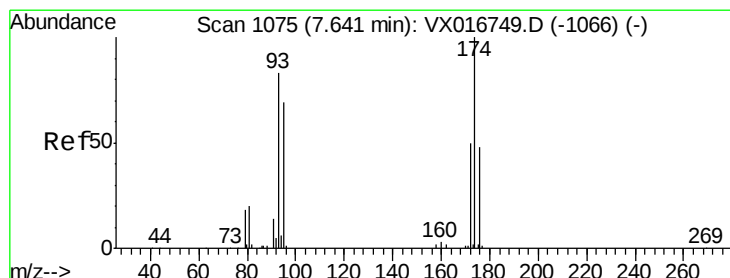
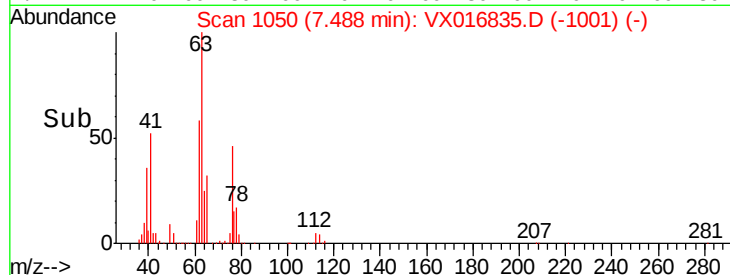
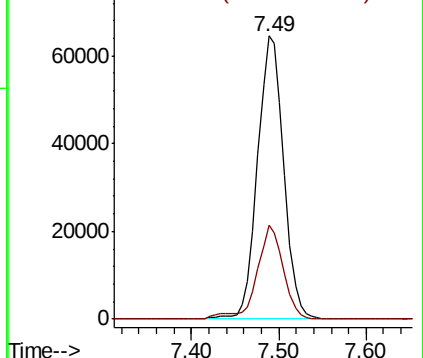
63 100

65 33.1 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: 48.566 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

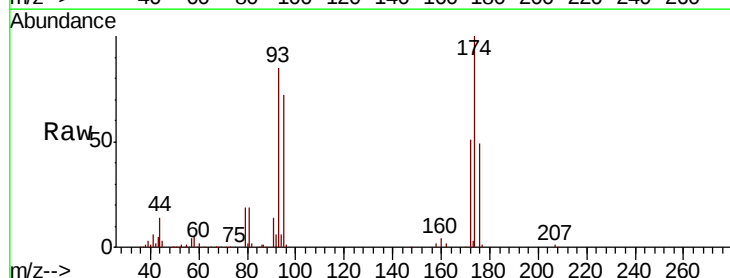
Tgt Ion: 93 Resp: 96495

Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

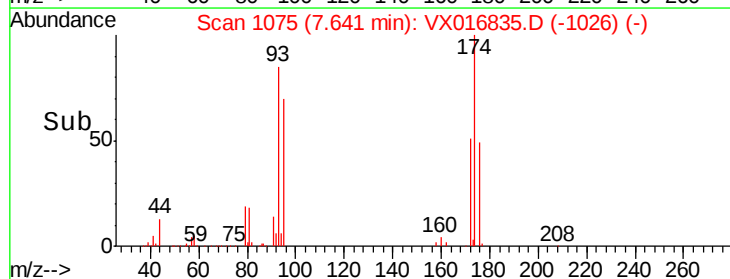
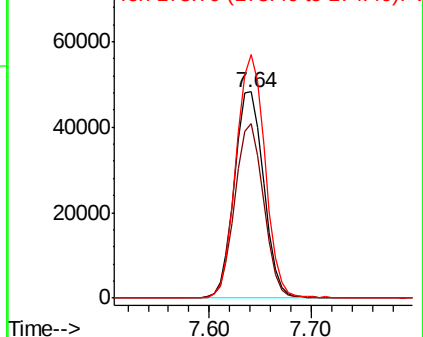
174 116.3 93.8 140.8

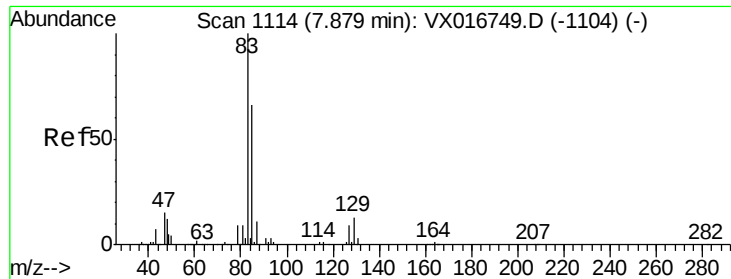


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.841 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

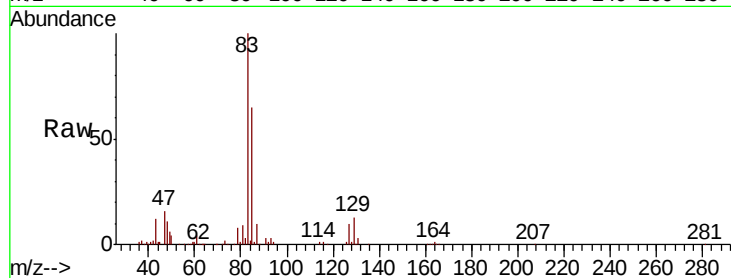
Tot Ion: 83 Resp: 198171

Ion Ratio Lower Upper

83 100

85 65.2 52.5 78.7

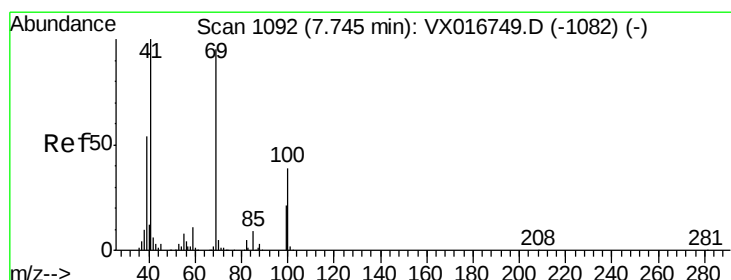
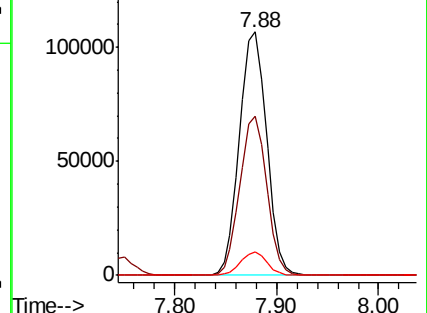
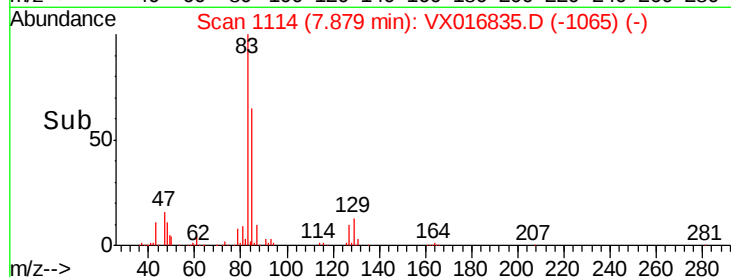
127 9.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.003 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

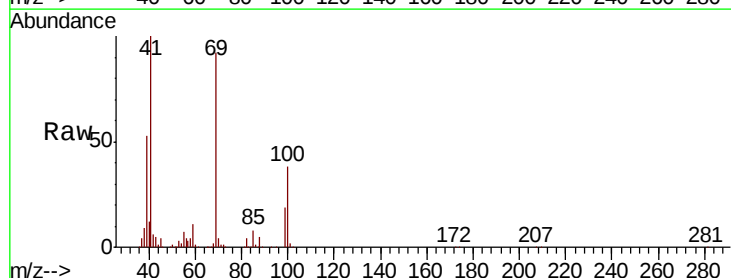
Tgt Ion: 41 Resp: 166400

Ion Ratio Lower Upper

41 100

69 93.6 75.0 112.6

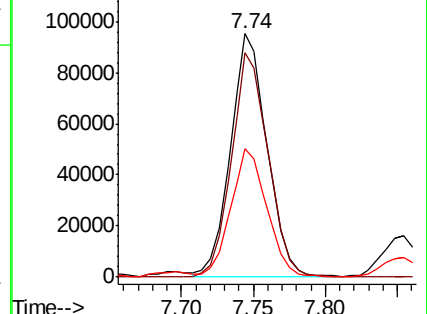
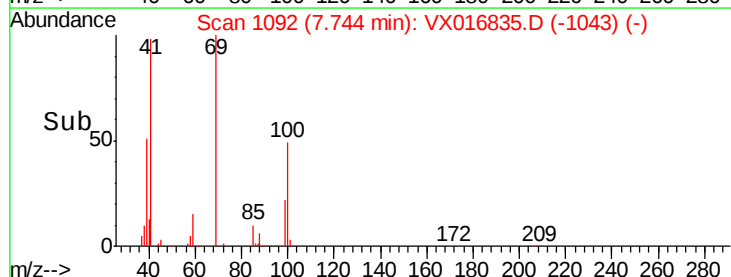
39 52.4 44.3 66.5

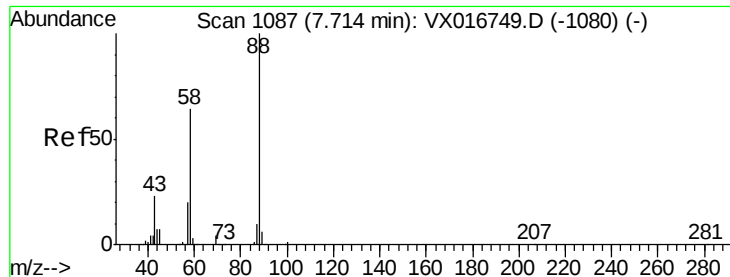


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1289.939 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

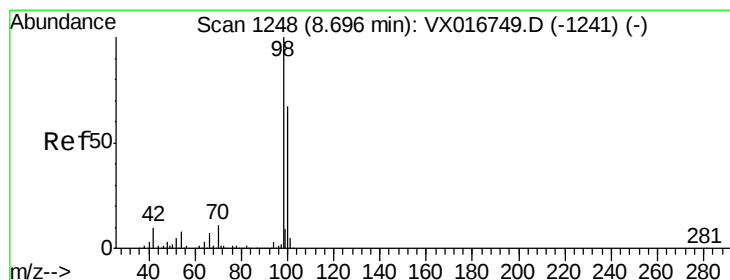
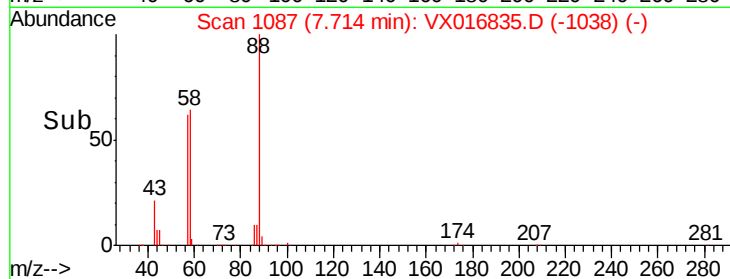
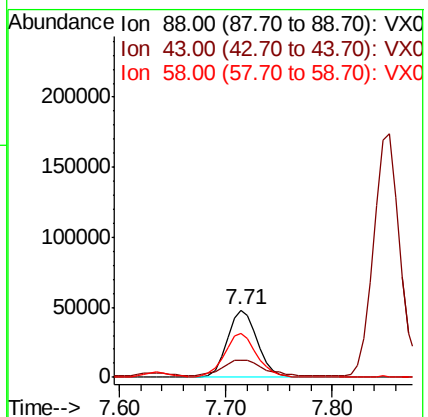
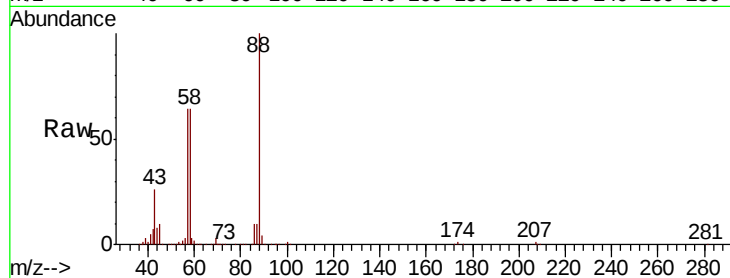
Tot Ion: 88 Resp: 94850

Ion Ratio Lower Upper

88 100

43 32.7 22.9 34.3

58 70.8 53.7 80.5



#50

Toluene-d8

Concen: 54.288 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016835.D

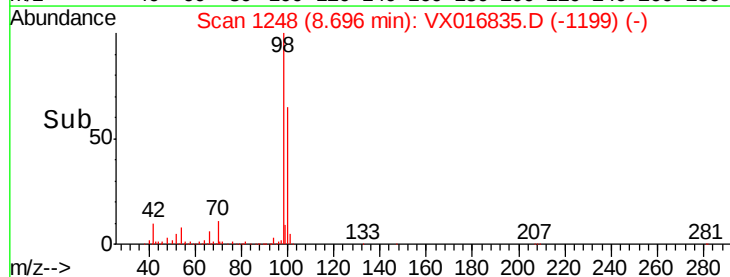
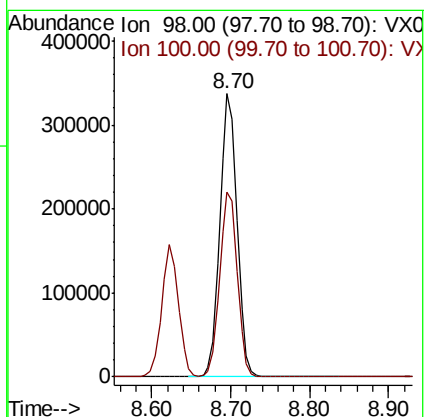
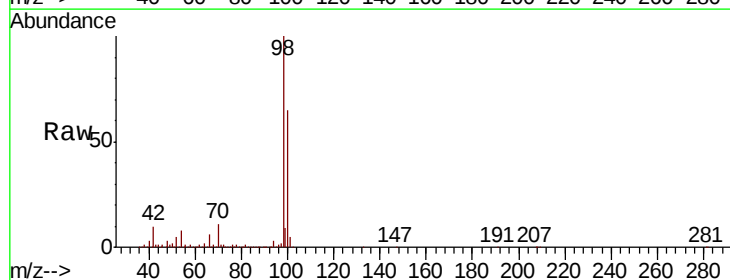
Acq: 17 Jun 2020 22:14

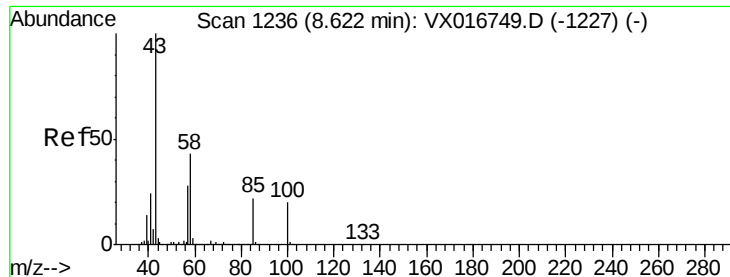
Tgt Ion: 98 Resp: 510452

Ion Ratio Lower Upper

98 100

100 66.9 53.9 80.9





#51

4-Methyl-2-Pentanone

Concen: 317.930 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

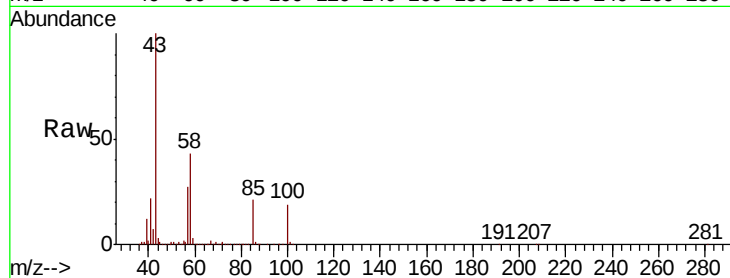
S49-0563MSD

Tot Ion: 43 Resp: 1228171

Ion Ratio Lower Upper

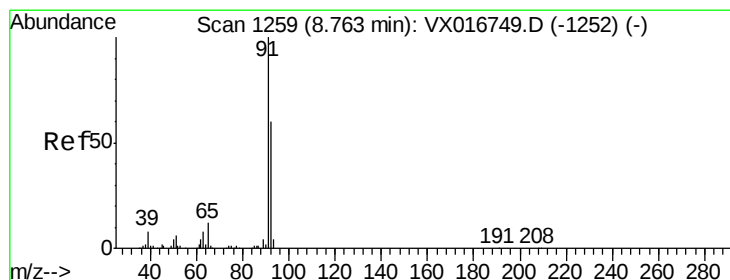
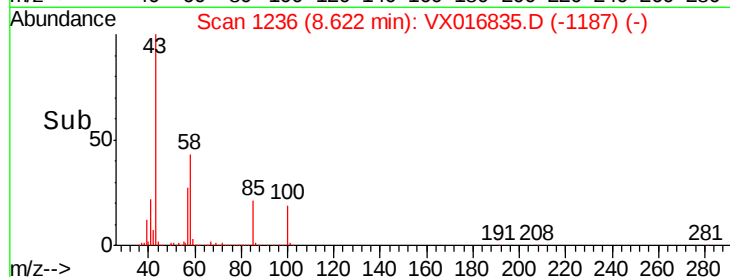
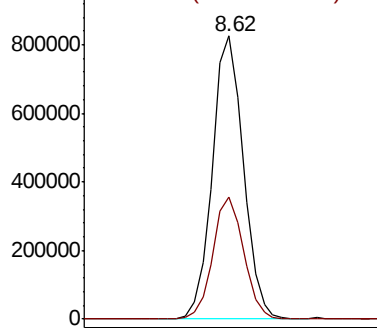
43 100

58 43.0 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.191 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016835.D

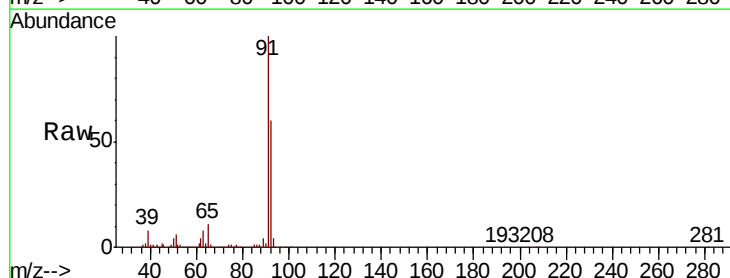
Acq: 17 Jun 2020 22:14

Tgt Ion: 92 Resp: 391453

Ion Ratio Lower Upper

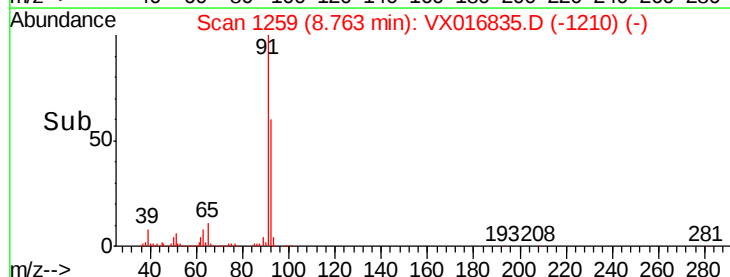
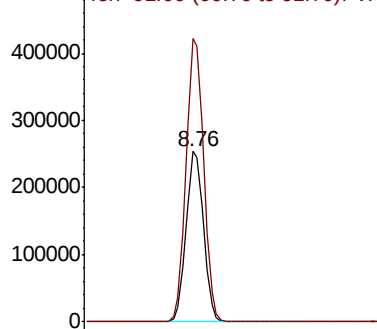
92 100

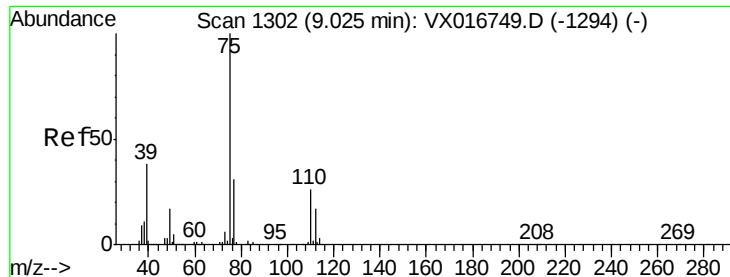
91 167.9 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 44.393 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

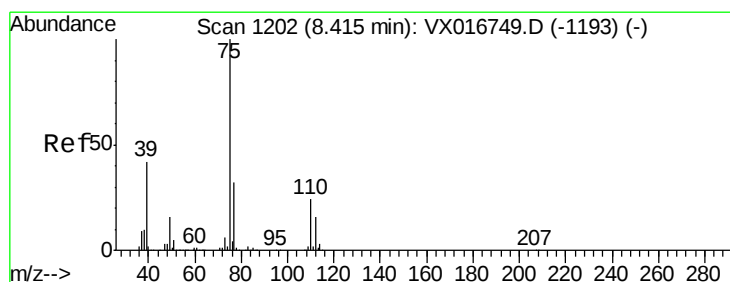
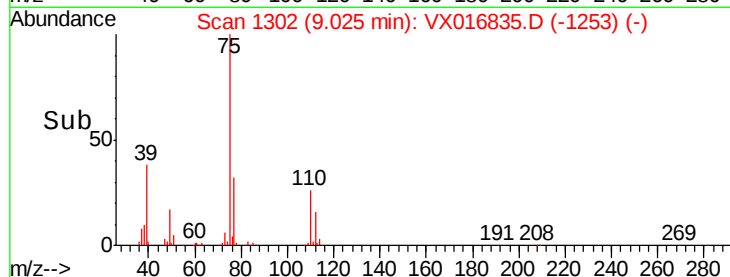
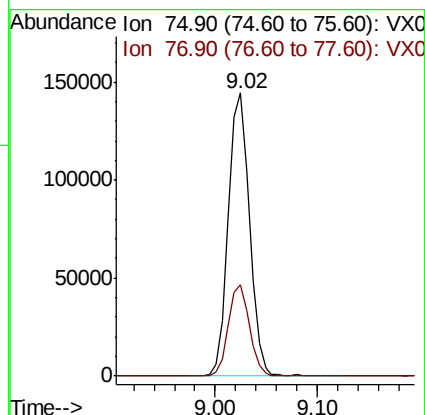
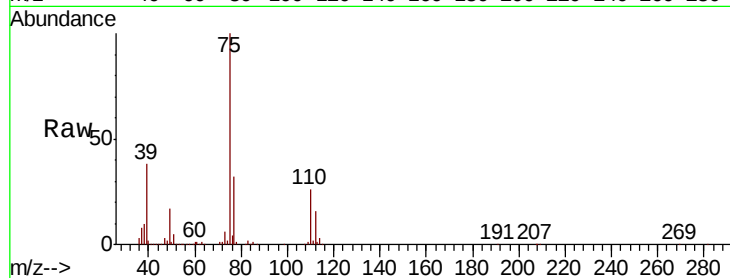
S49-0563MSD

Tot Ion: 75 Resp: 207699

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 52.626 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

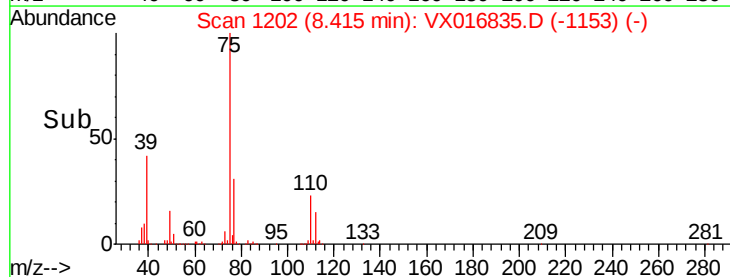
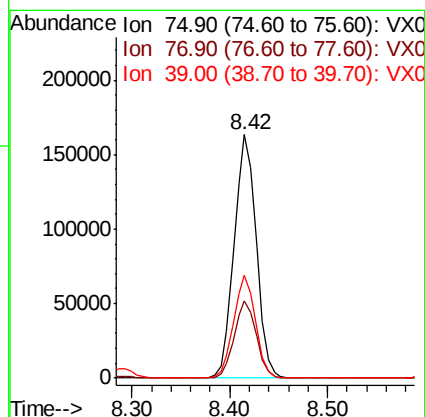
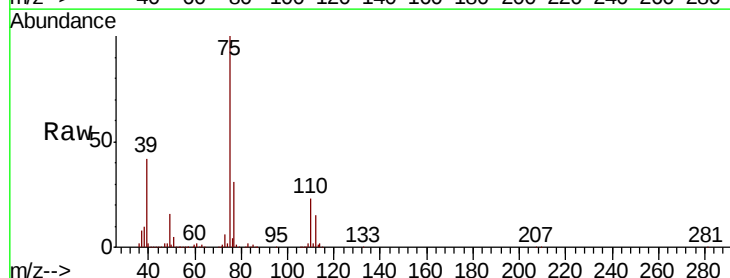
Tgt Ion: 75 Resp: 256826

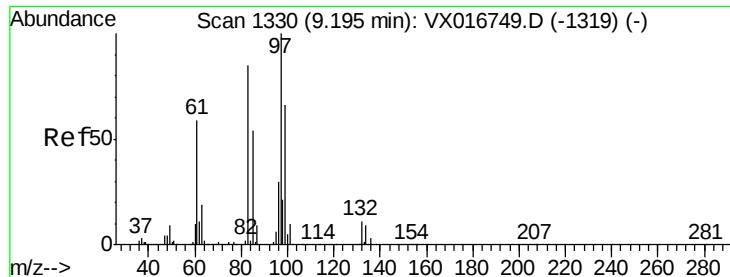
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 42.2 33.7 50.5

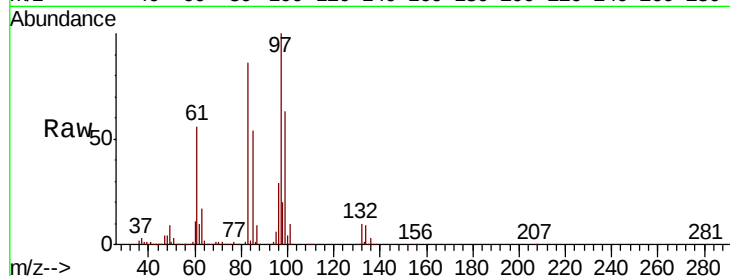




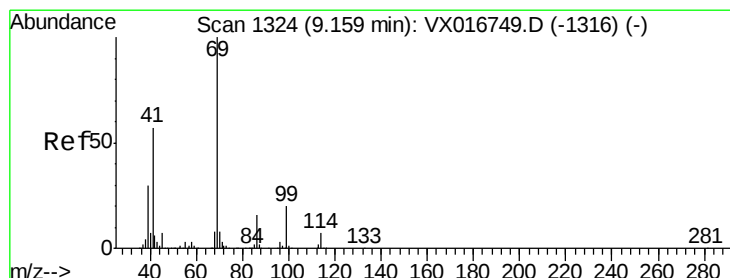
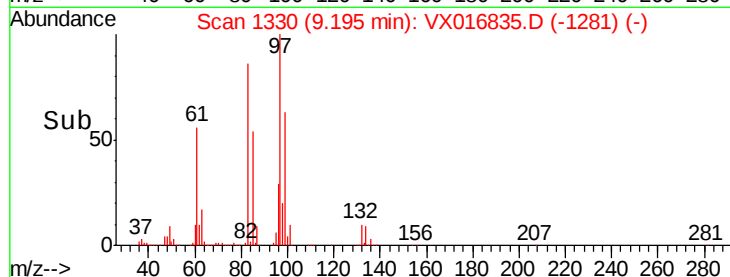
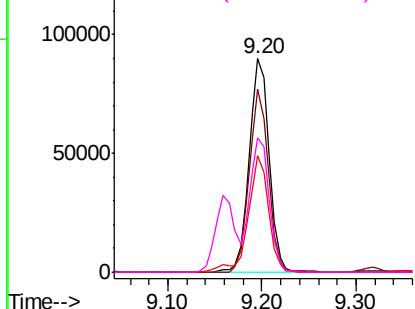
#55
 1,1,2-Trichloroethane
 Concen: 46.128 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

Tot Ion:	97	Resp:	134000
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.3	102.5
85	54.3	43.5	65.3
99	62.9	52.4	78.6

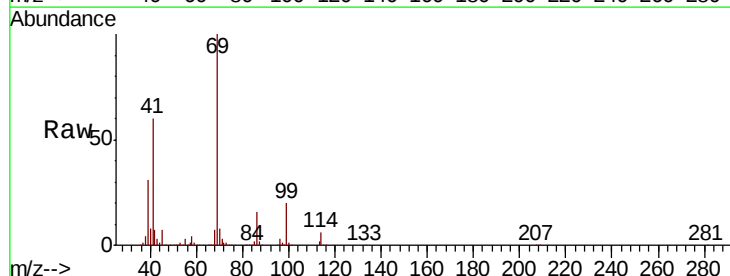


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

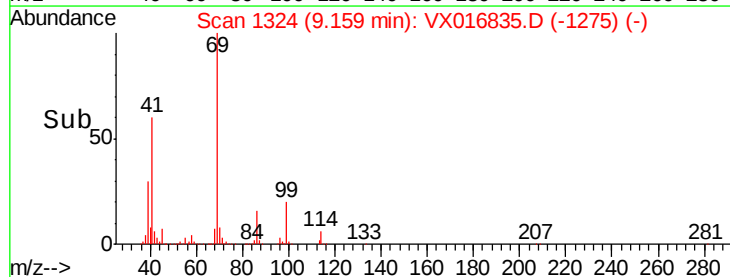
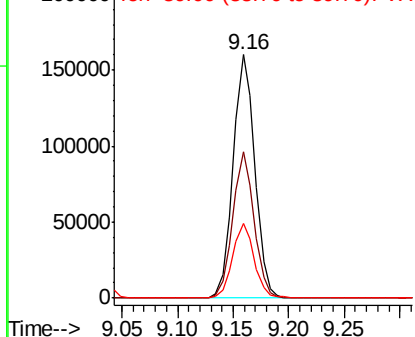


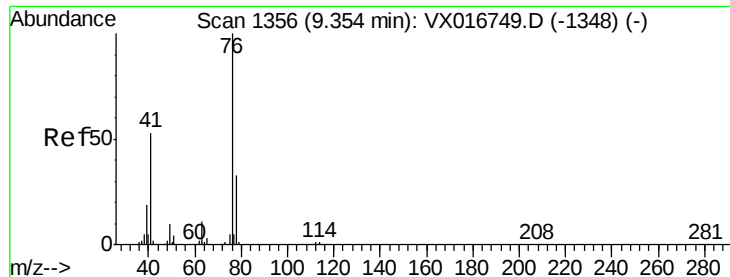
#56
 Ethyl methacrylate
 Concen: 49.629 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Tgt Ion:	69	Resp:	215860
Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.1	70.7
39	30.5	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: 45.910 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

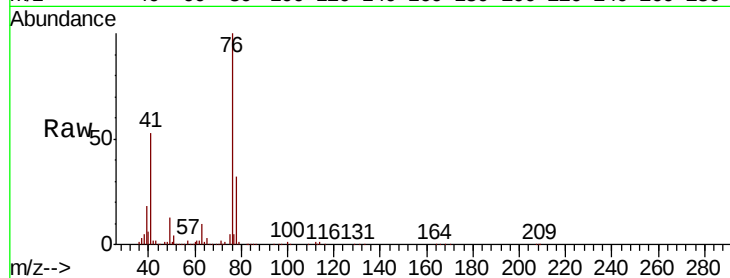
S49-0563MSD

Tot Ion: 76 Resp: 224190

Ion Ratio Lower Upper

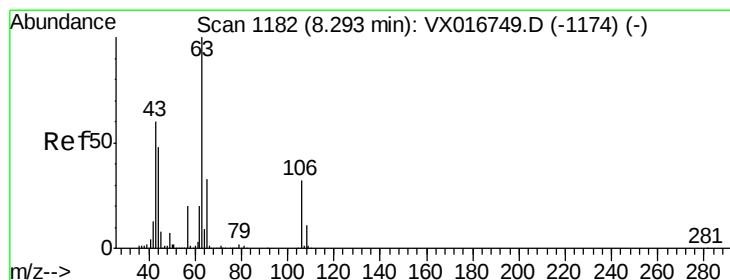
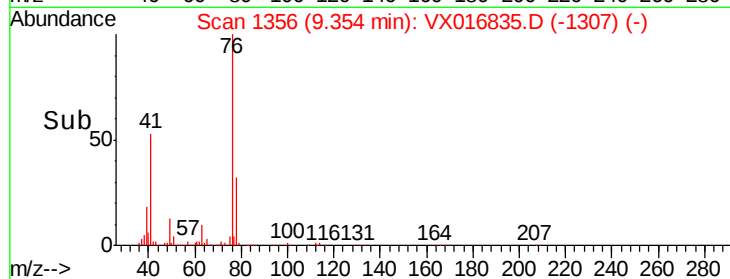
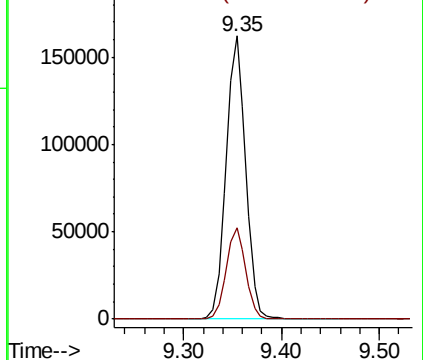
76 100

78 32.3 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: 254.863 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016835.D

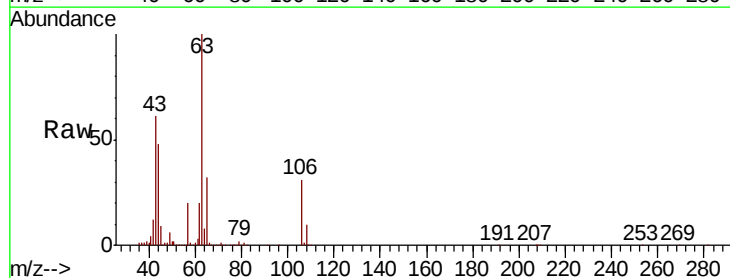
Acq: 17 Jun 2020 22:14

Tgt Ion: 63 Resp: 545043

Ion Ratio Lower Upper

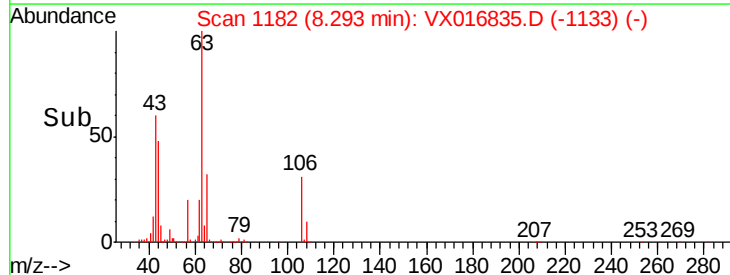
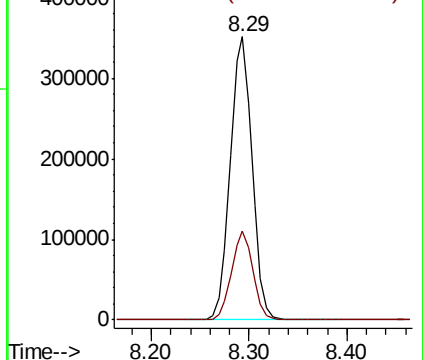
63 100

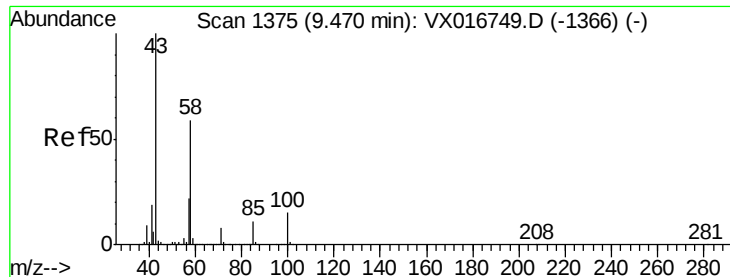
106 30.5 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

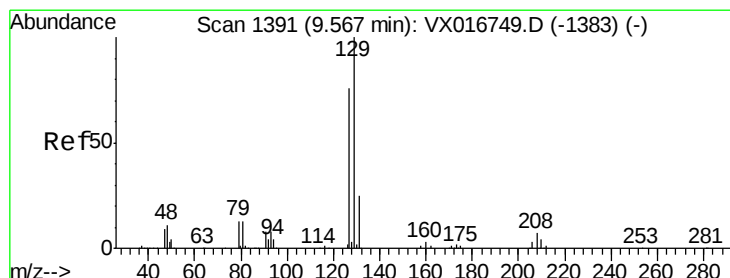
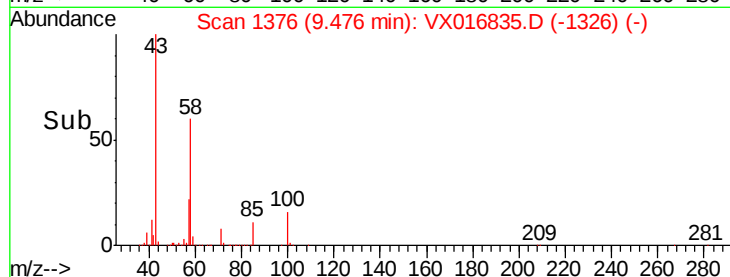
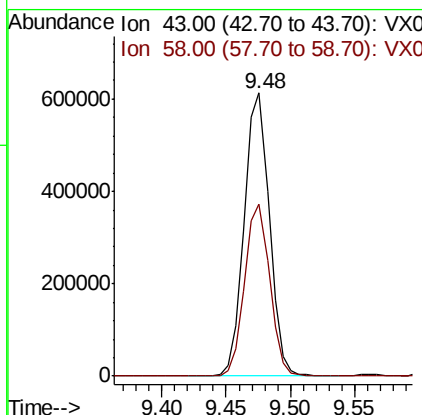
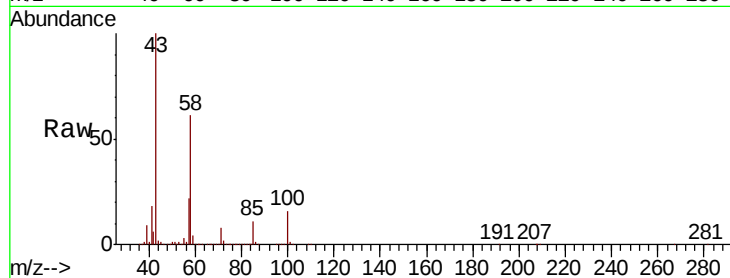




#59
2-Hexanone
Concen: 275.769 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

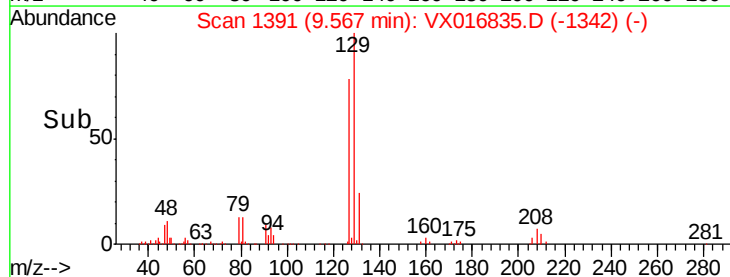
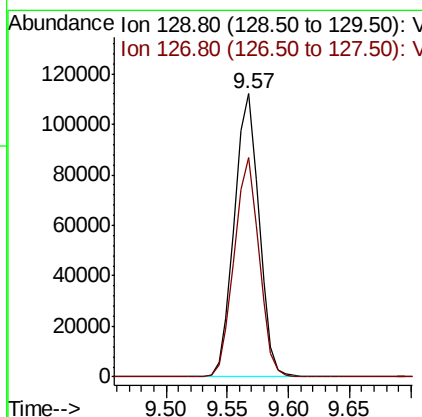
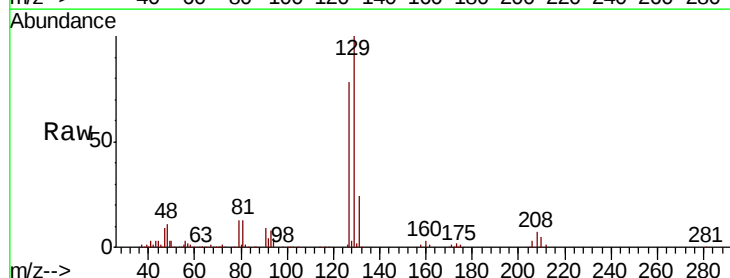
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

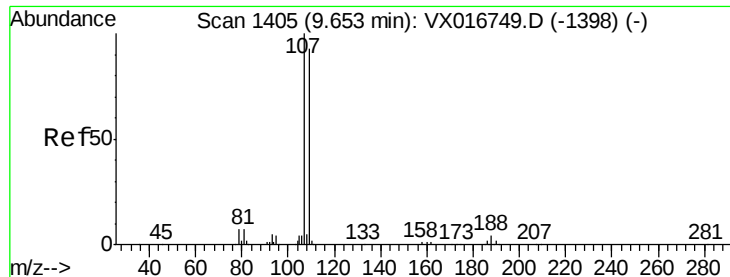
Tot Ion: 43 Resp: 822376
Ion Ratio Lower Upper
43 100
58 60.7 29.9 89.8



#60
Dibromochloromethane
Concen: 45.868 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 129 Resp: 157479
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 46.901 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

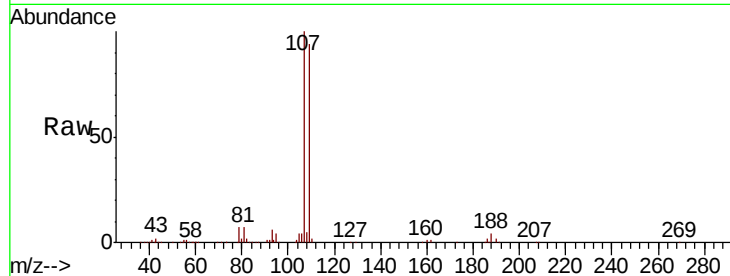
S49-0563MSD

Tot Ion:107 Resp: 148486

Ion Ratio Lower Upper

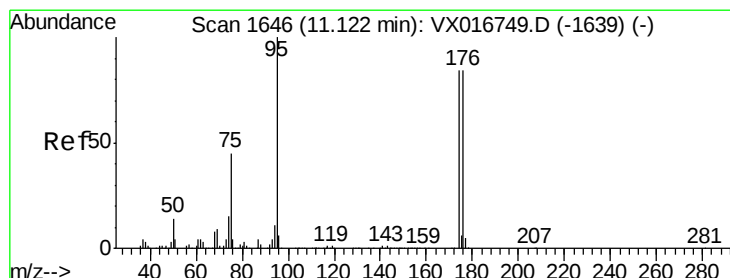
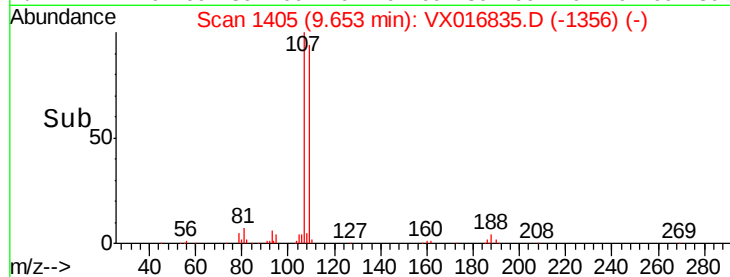
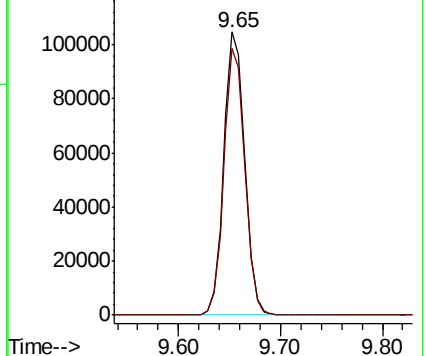
107 100

109 94.2 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.763 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

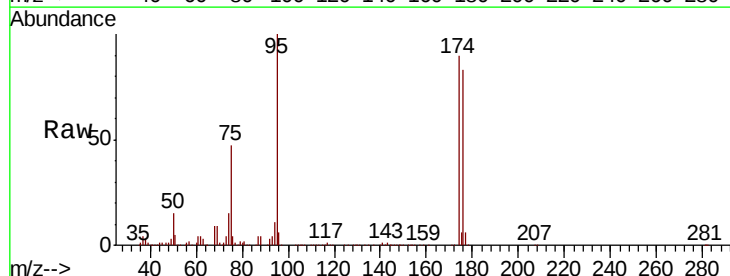
Tgt Ion: 95 Resp: 168185

Ion Ratio Lower Upper

95 100

174 89.4 0.0 171.0

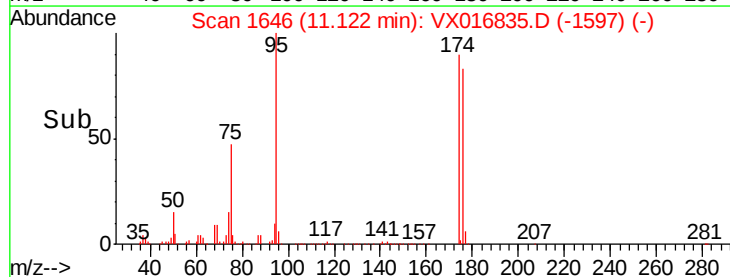
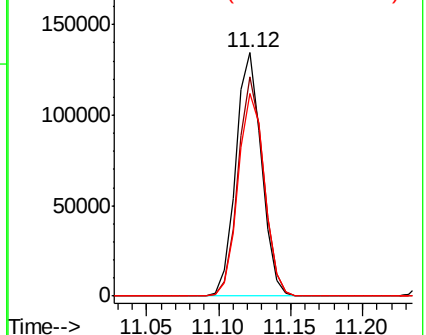
176 85.4 0.0 166.2

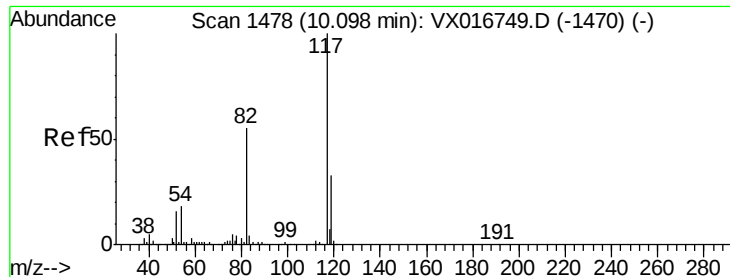


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

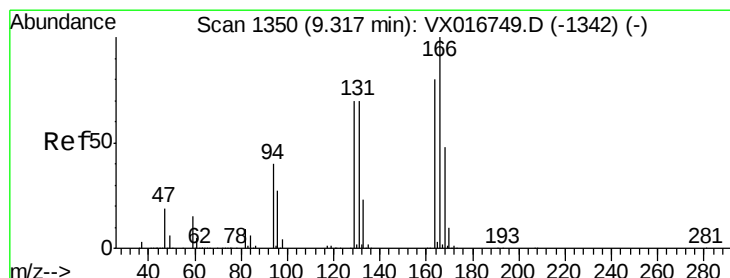
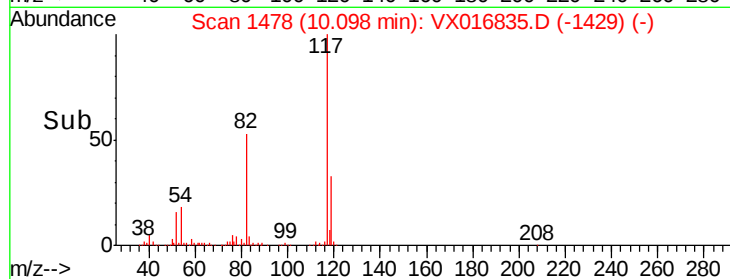
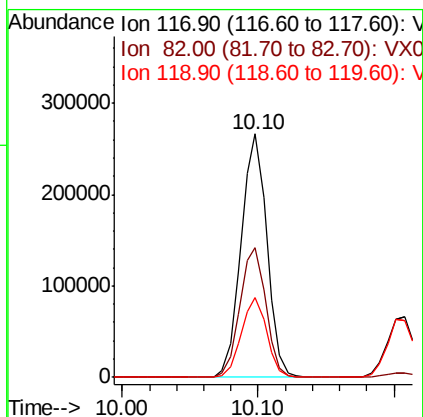
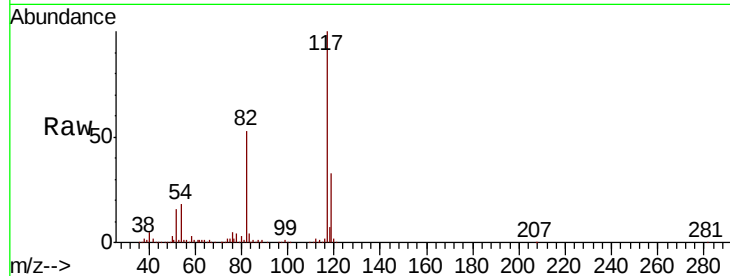




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

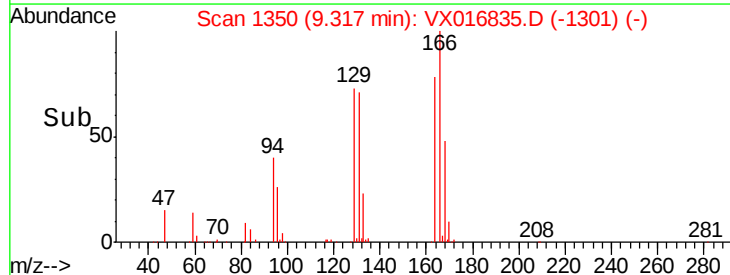
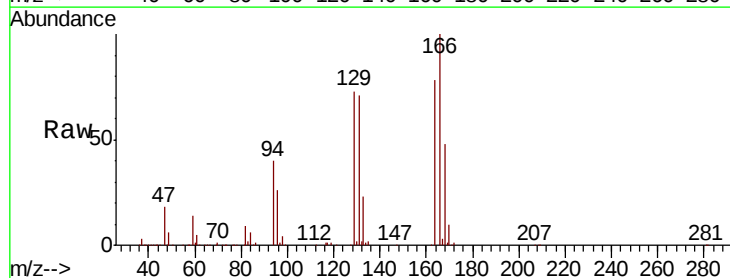
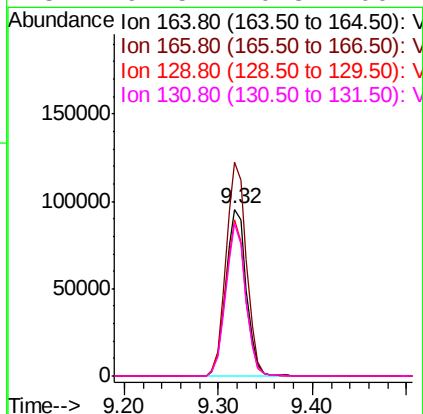
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

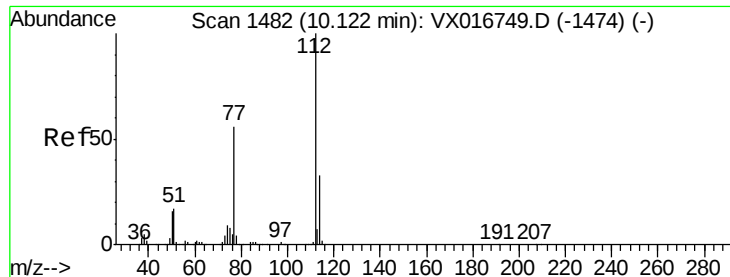
Tot Ion:117 Resp: 352630
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.6
119 32.6 26.2 39.4



#64
Tetrachloroethene
Concen: 42.371 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion:164 Resp: 143474
Ion Ratio Lower Upper
164 100
166 128.2 100.6 150.8
129 93.6 70.1 105.1
131 91.5 70.8 106.2

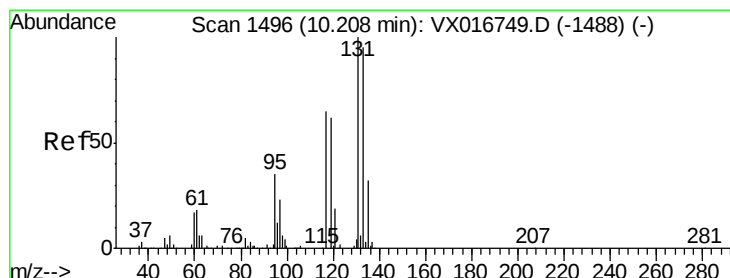
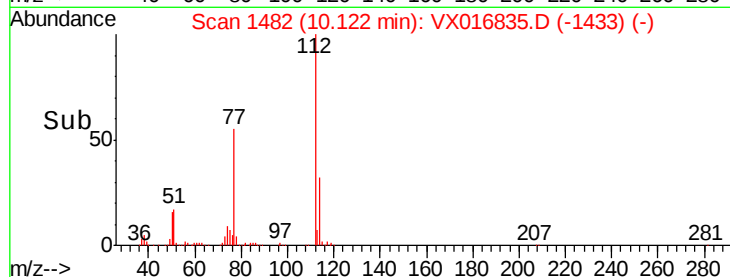
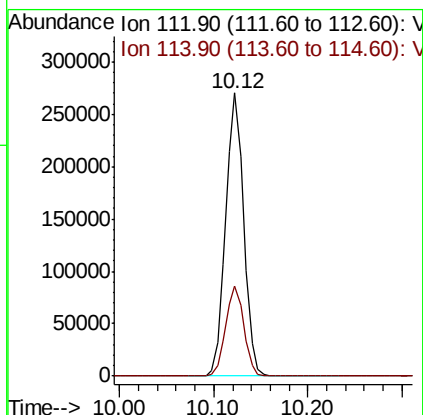
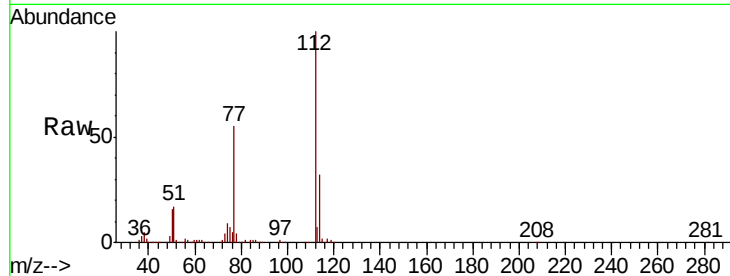




#65
Chlorobenzene
Concen: 50.239 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

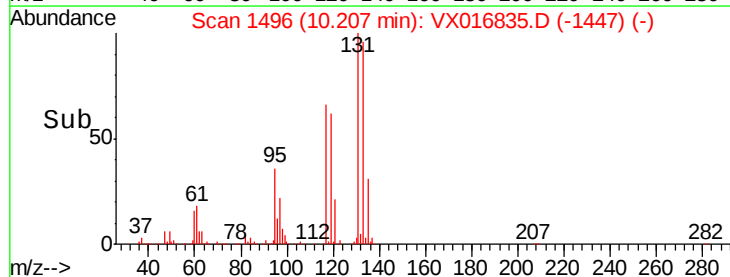
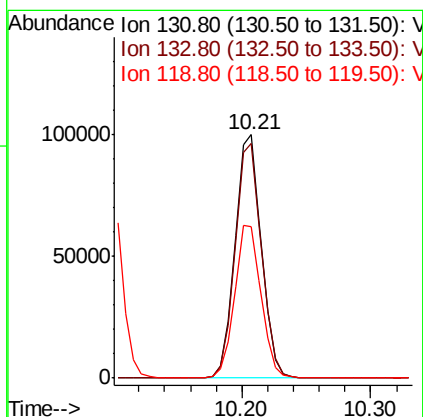
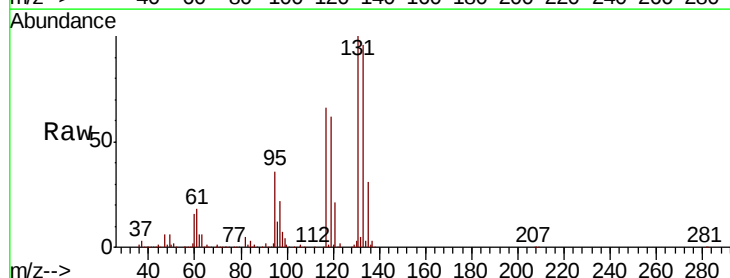
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

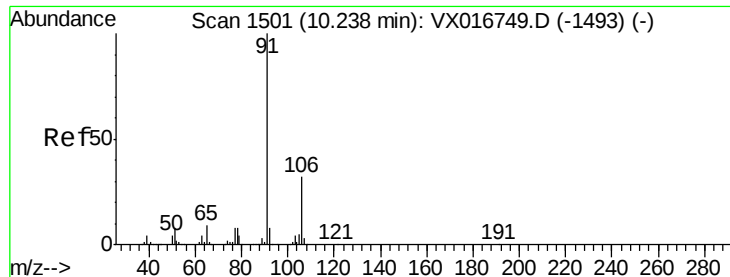
Tot Ion:112 Resp: 359473
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.508 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion:131 Resp: 141316
Ion Ratio Lower Upper
131 100
133 97.1 46.8 140.3
119 63.4 31.4 94.0

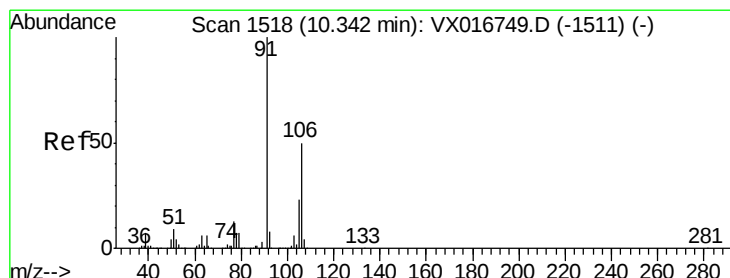
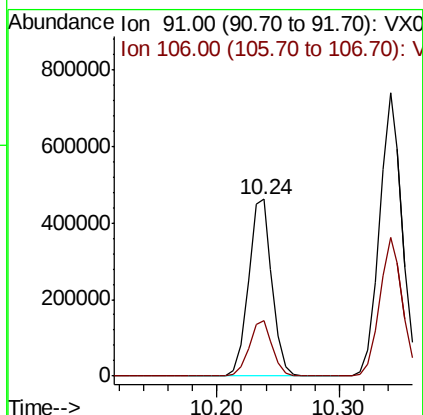
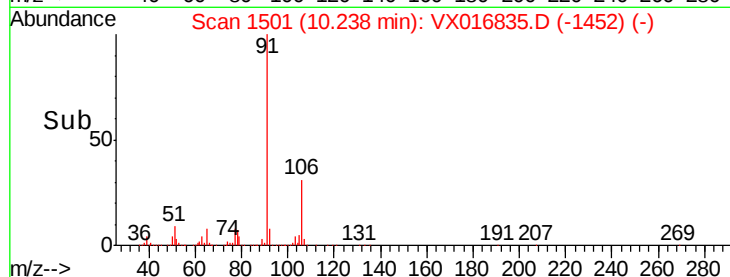
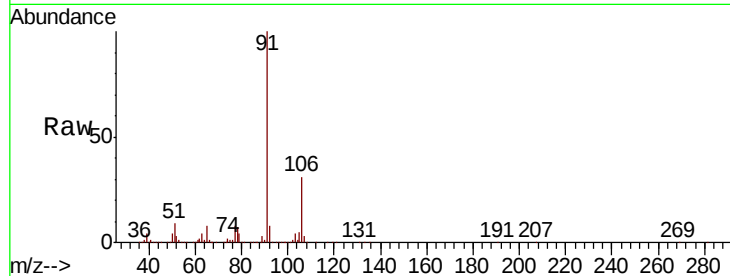




#67
Ethyl Benzene
Concen: 50.626 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

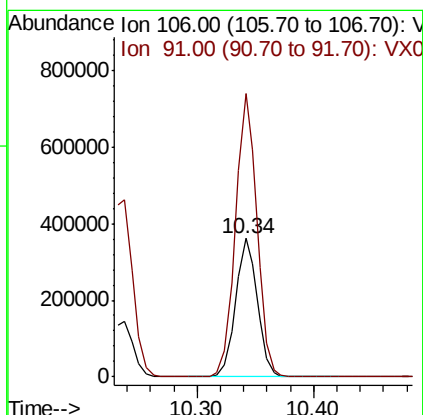
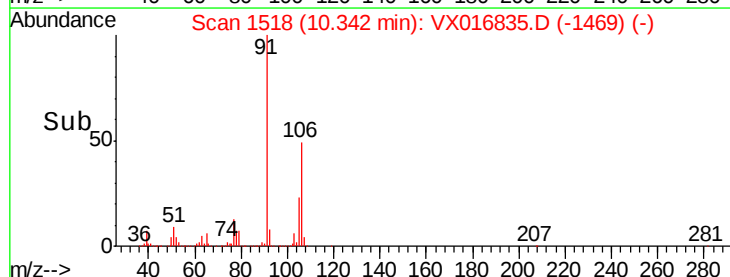
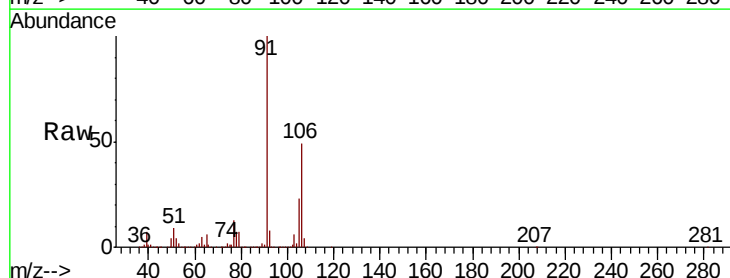
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

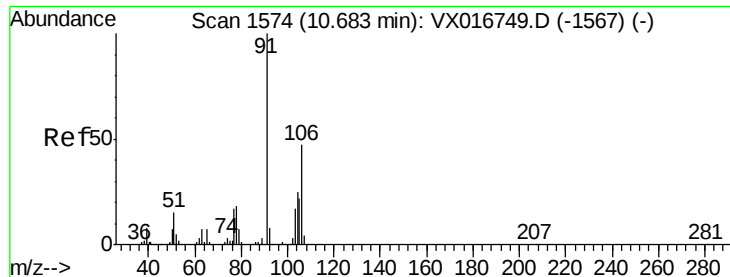
Tot Ion: 91 Resp: 612374
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 102.303 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 106 Resp: 469192
Ion Ratio Lower Upper
106 100
91 202.0 161.2 241.8

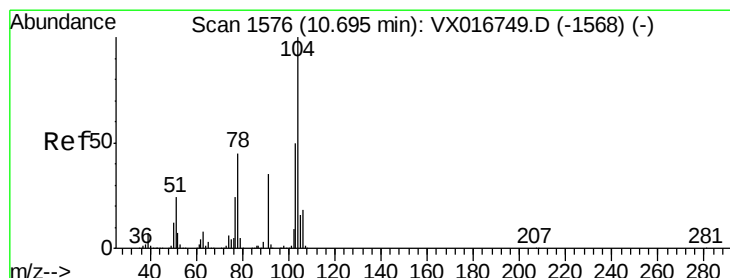
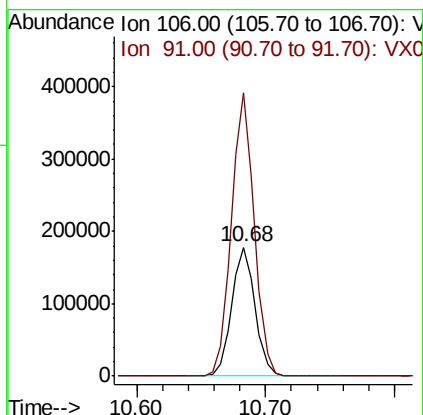
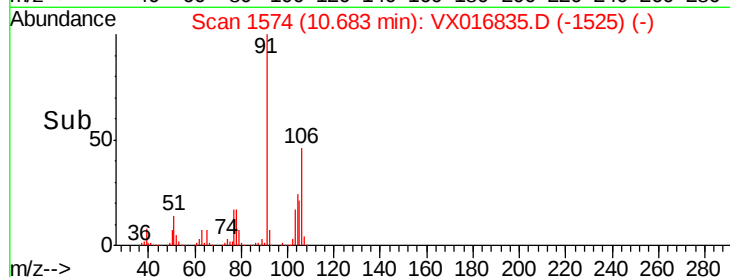
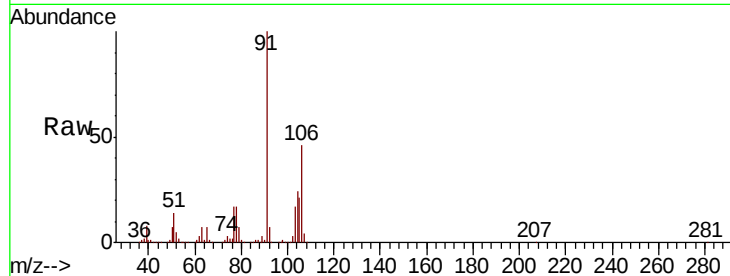




#69
o-Xylene
Concen: 51.005 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

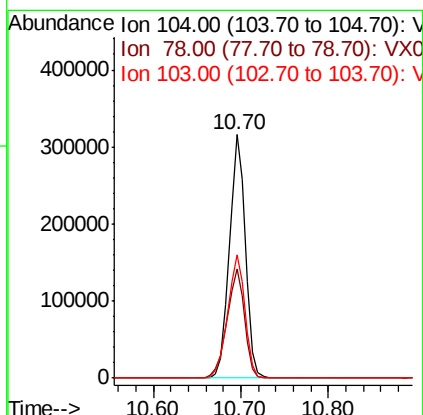
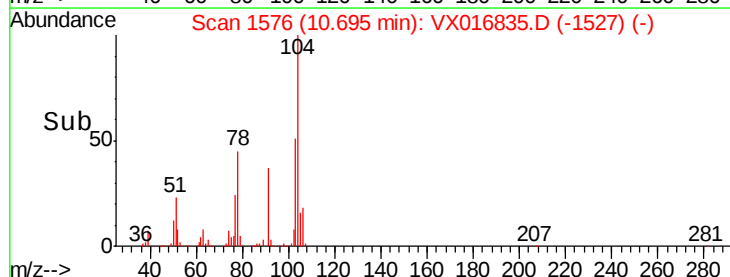
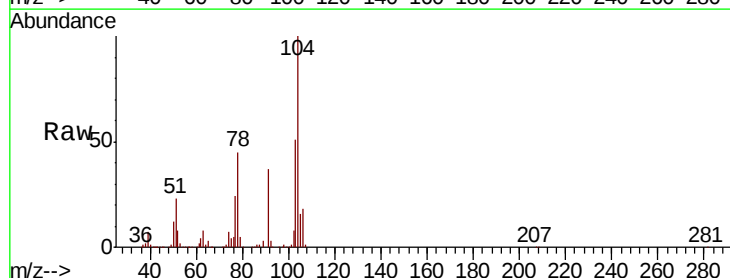
Instrument :
MSVOA_X
ClientSampled :
S49-0563MSD

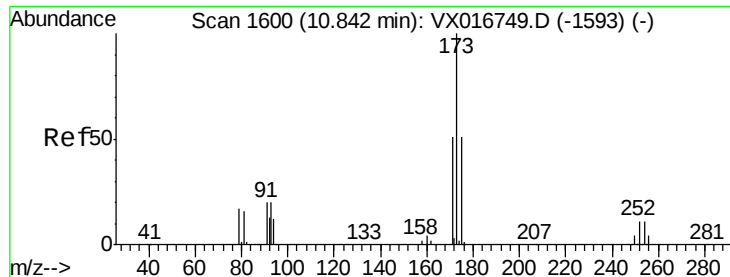
Tot Ion:106 Resp: 225360
Ion Ratio Lower Upper
106 100
91 215.4 106.9 320.8



#70
Styrene
Concen: 52.516 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion:104 Resp: 401120
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.8
103 54.6 43.4 65.2





#71

Bromoform

Concen: 53.637 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampled :

S49-0563MSD

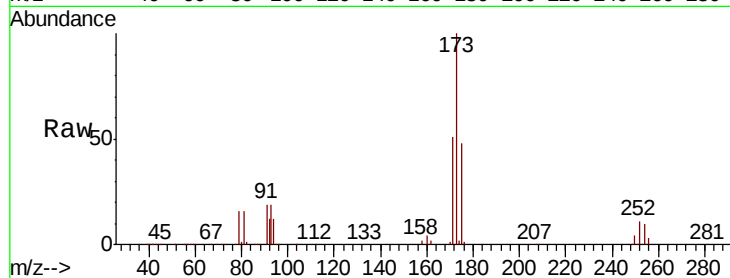
Tot Ion:173 Resp: 130629

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.4

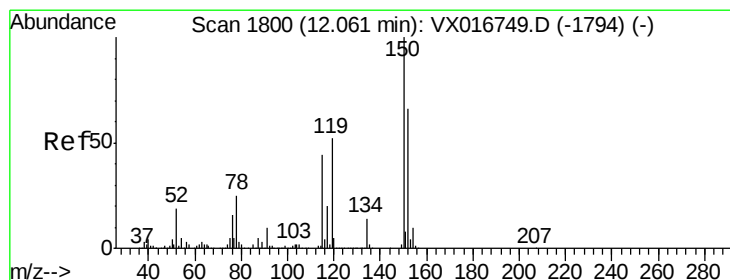
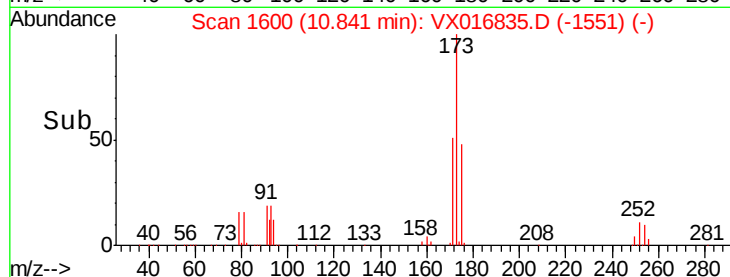
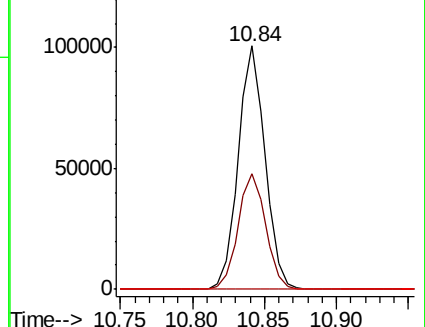
254 0.0 0.1 0.1#



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: VX016835.D

Acq: 17 Jun 2020 22:14

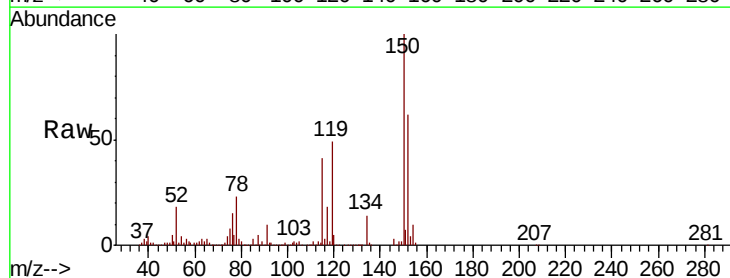
Tgt Ion:152 Resp: 182190

Ion Ratio Lower Upper

152 100

115 77.8 40.3 120.8

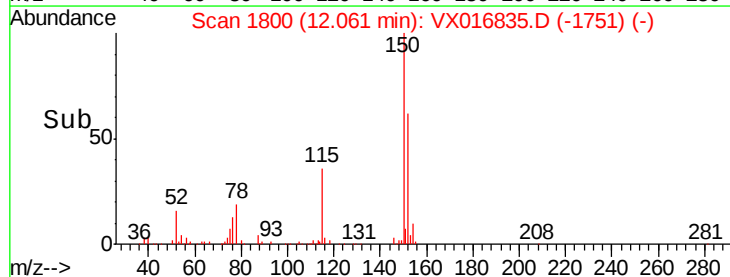
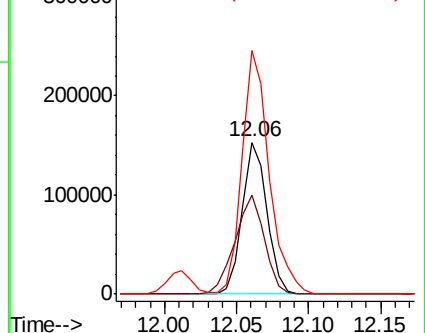
150 175.8 0.0 337.4

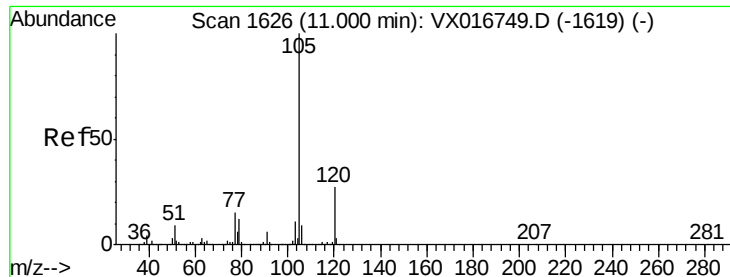


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.376 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

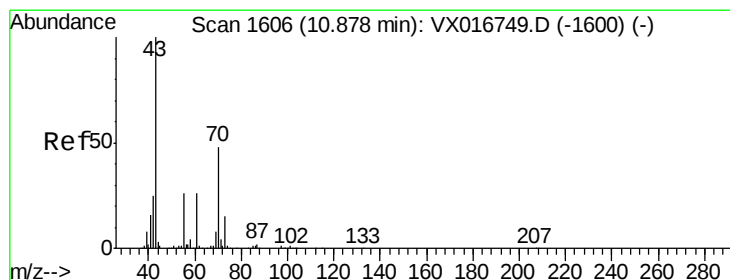
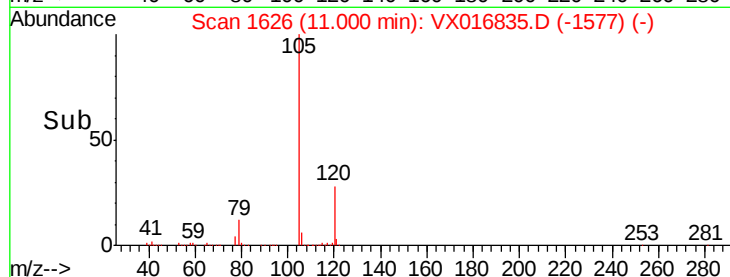
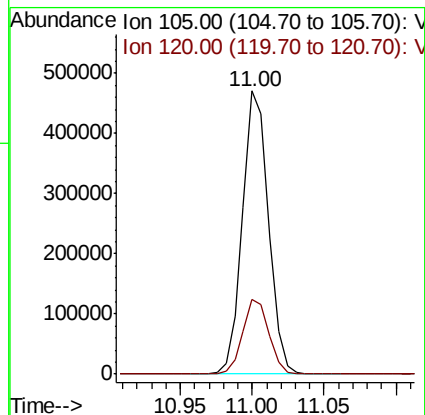
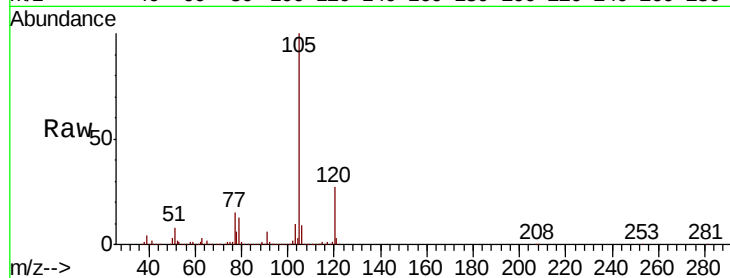
S49-0563MSD

Tot Ion:105 Resp: 590267

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 57.584 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Tgt Ion: 43 Resp: 267552

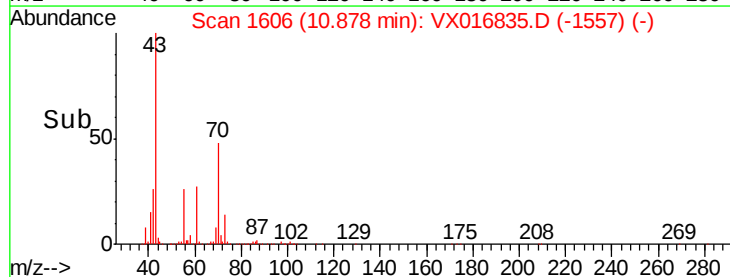
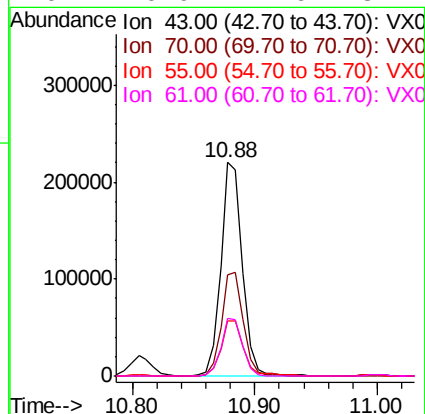
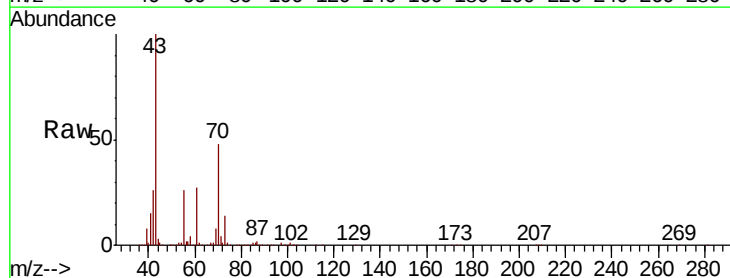
Ion Ratio Lower Upper

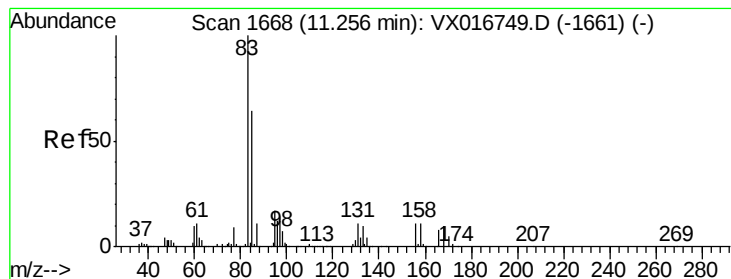
43 100

70 49.6 39.8 59.6

55 27.6 21.7 32.5

61 26.9 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.934 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

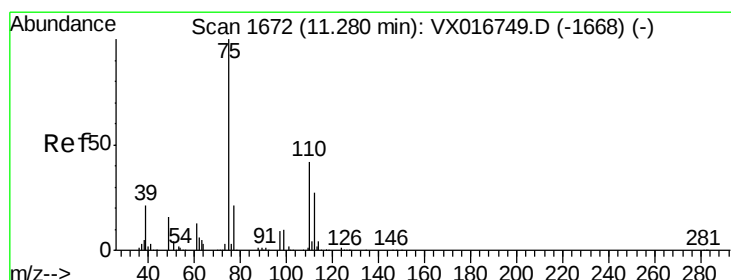
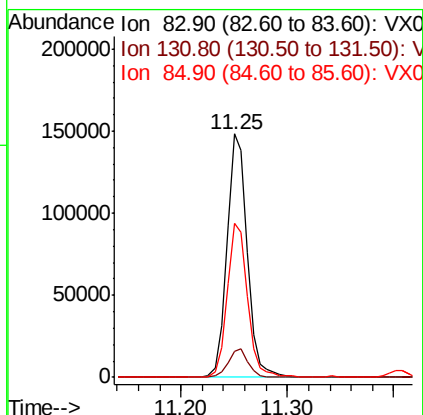
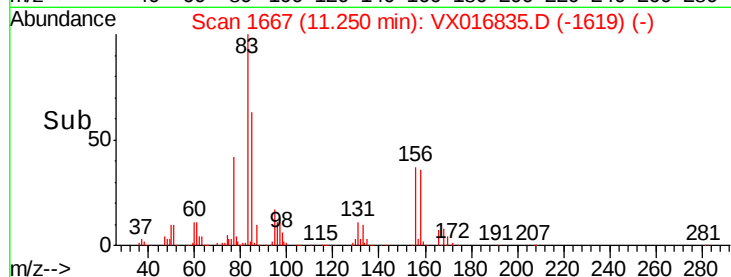
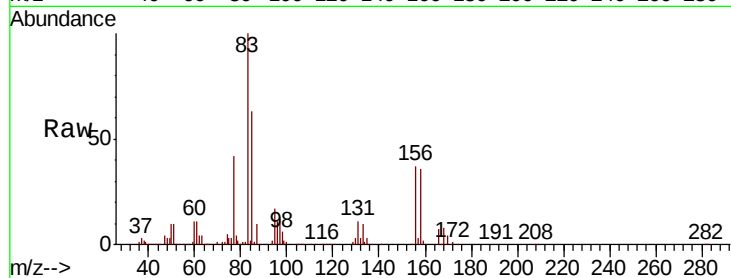
Tot Ion: 83 Resp: 196697

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

85 64.1 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 66.581 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016835.D

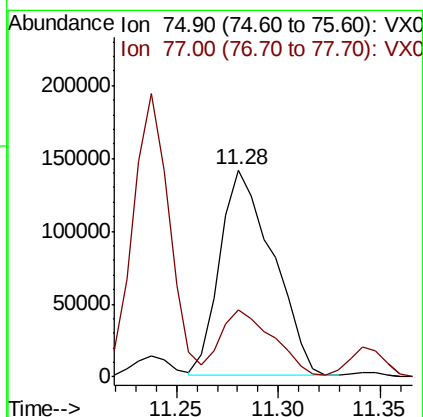
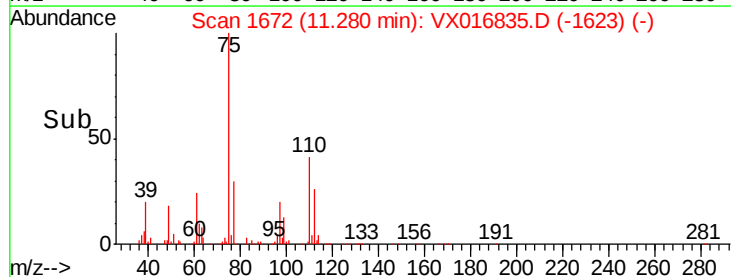
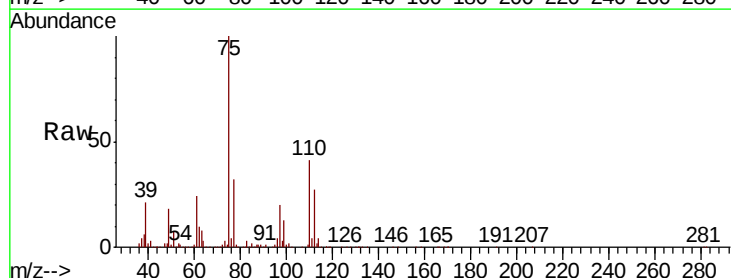
Acq: 17 Jun 2020 22:14

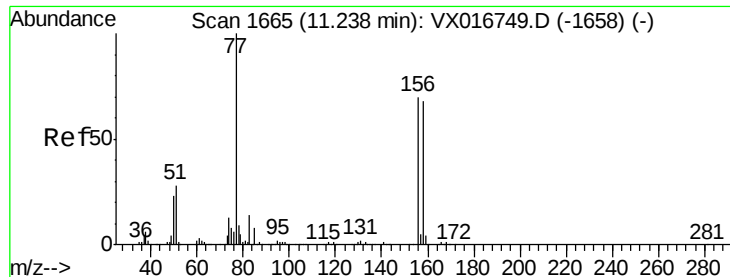
Tgt Ion: 75 Resp: 255098

Ion Ratio Lower Upper

75 100

77 32.3 20.3 60.9





#77

Bromobenzene

Concen: 48.871 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

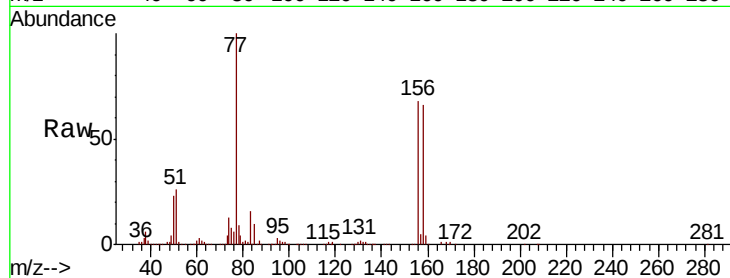
Tot Ion:156 Resp: 164959

Ion Ratio Lower Upper

156 100

77 146.3 73.2 219.6

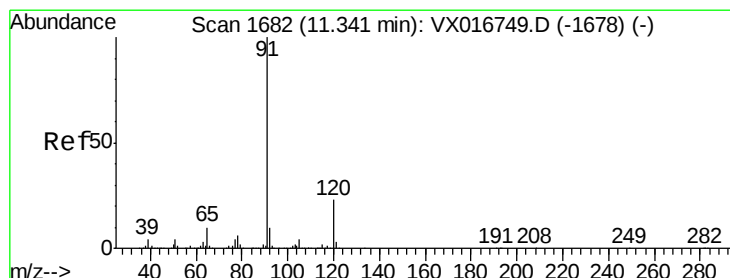
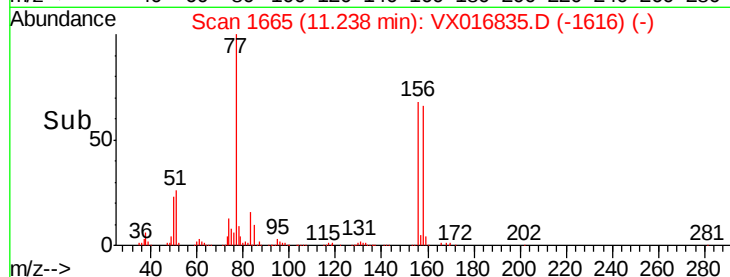
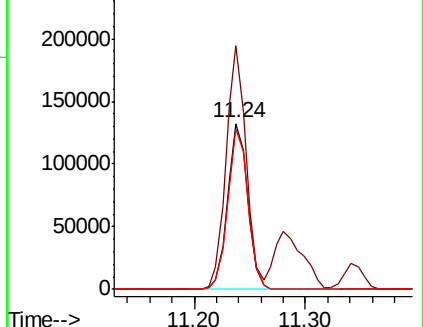
158 96.8 48.8 146.4



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: 50.667 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016835.D

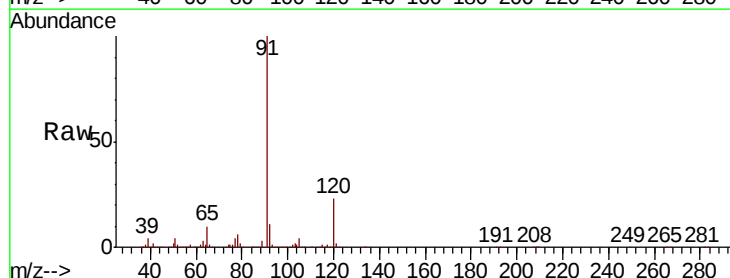
Acq: 17 Jun 2020 22:14

Tgt Ion: 91 Resp: 657782

Ion Ratio Lower Upper

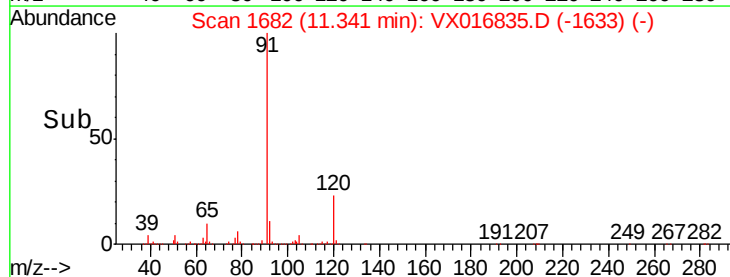
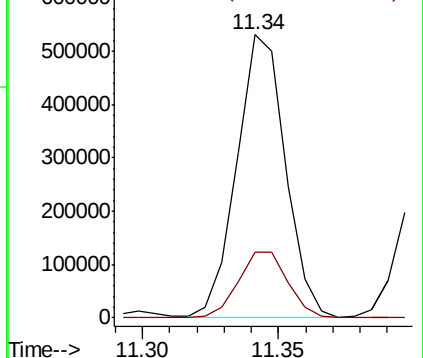
91 100

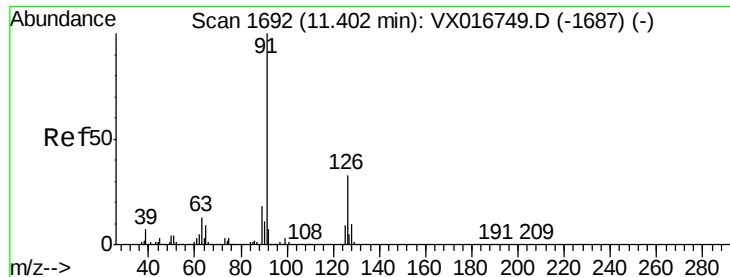
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

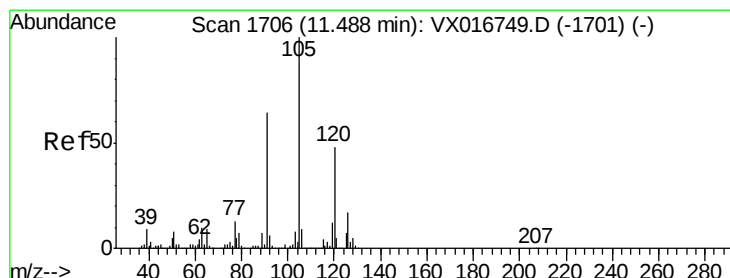
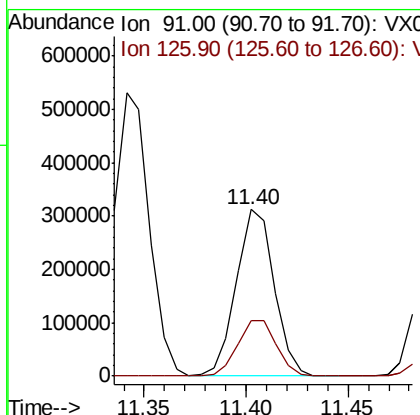
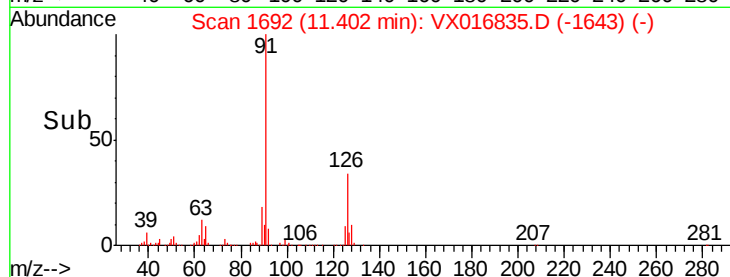
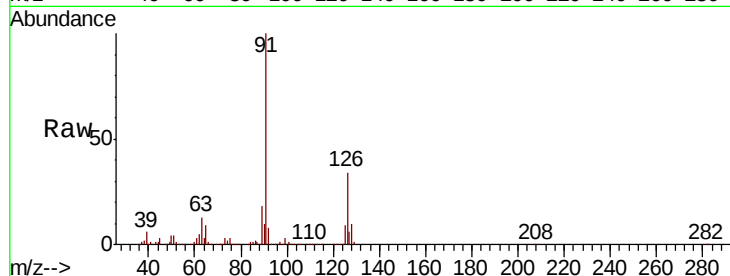




#79
 2-Chlorotoluene
 Concen: 49.321 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

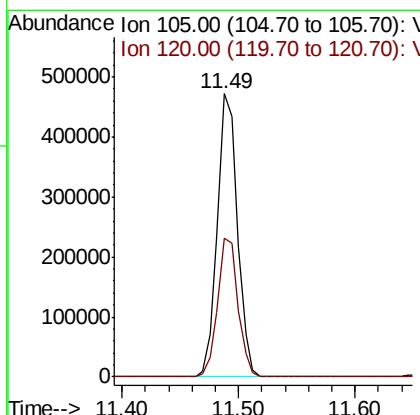
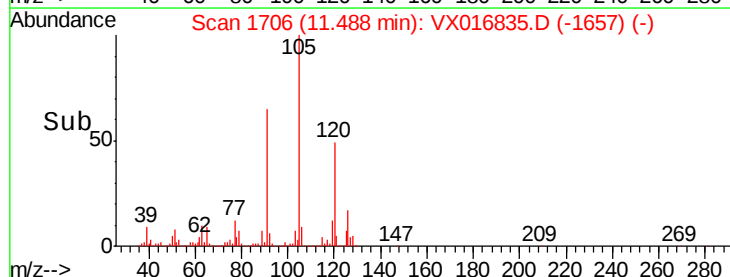
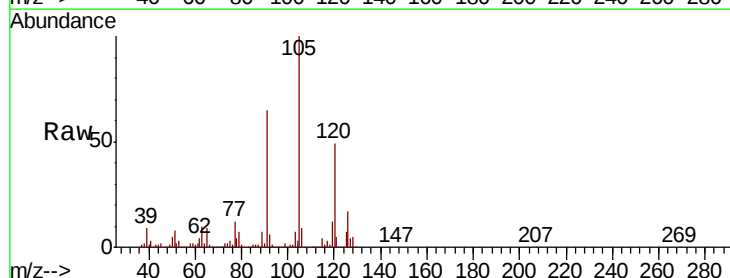
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

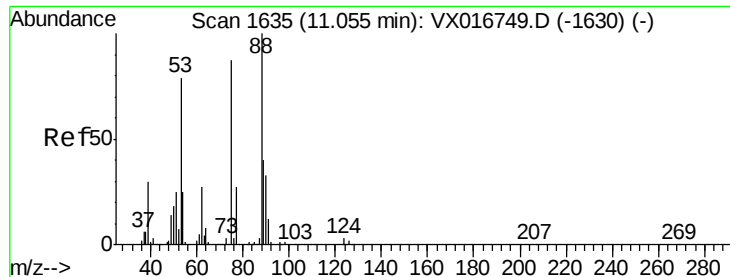
Tot Ion: 91 Resp: 404901
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 55.683 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Tgt Ion: 105 Resp: 558020
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.295 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

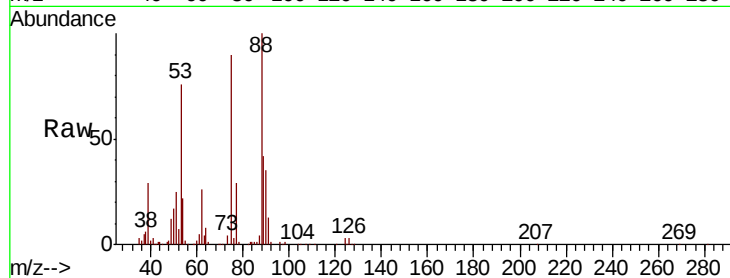
Tot Ion: 75 Resp: 75022

Ion Ratio Lower Upper

75 100

53 86.1 71.4 107.0

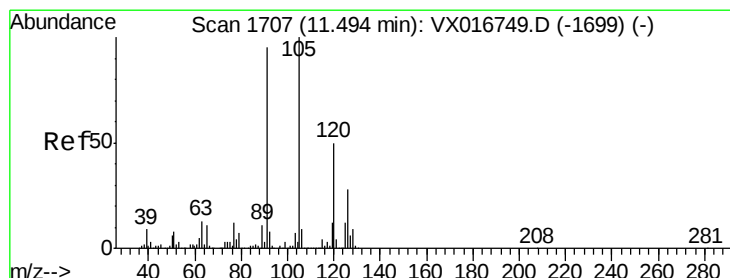
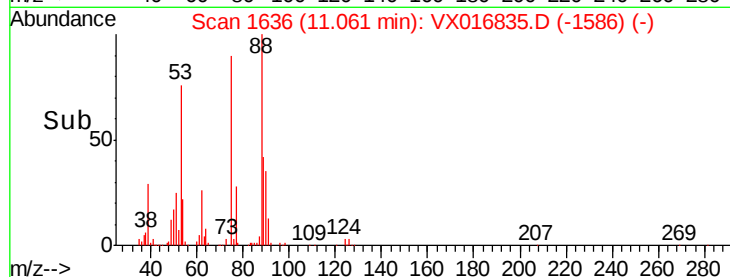
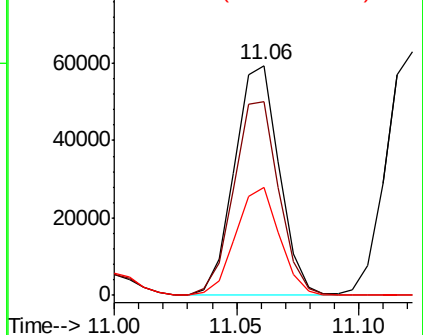
89 46.6 39.1 58.7



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: 55.319 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016835.D

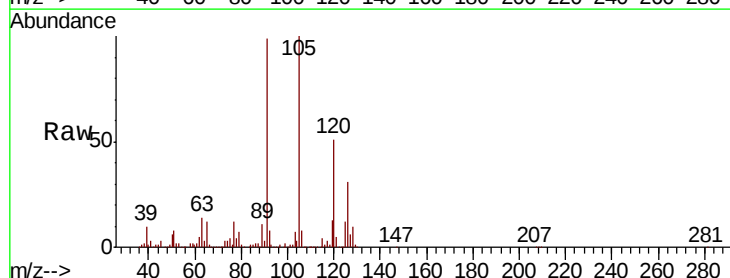
Acq: 17 Jun 2020 22:14

Tgt Ion: 91 Resp: 531583

Ion Ratio Lower Upper

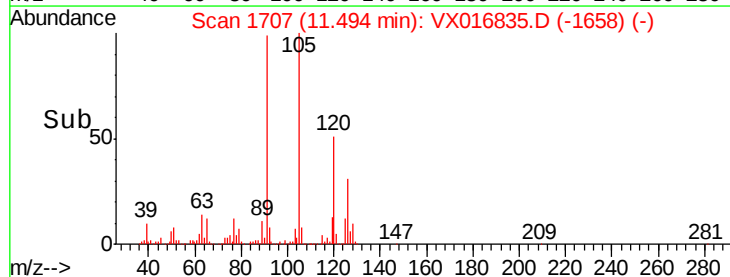
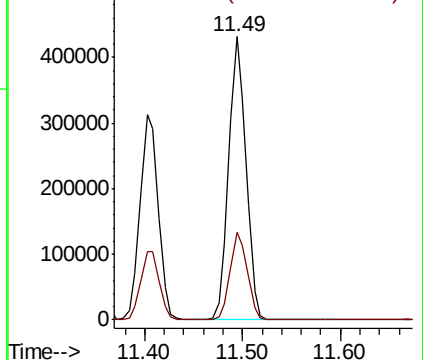
91 100

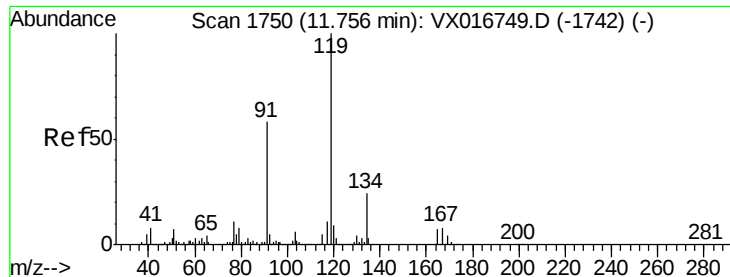
126 30.7 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

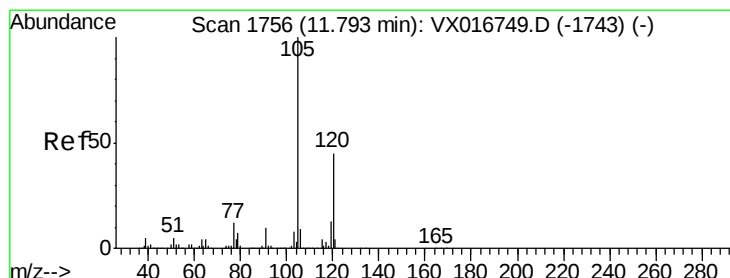
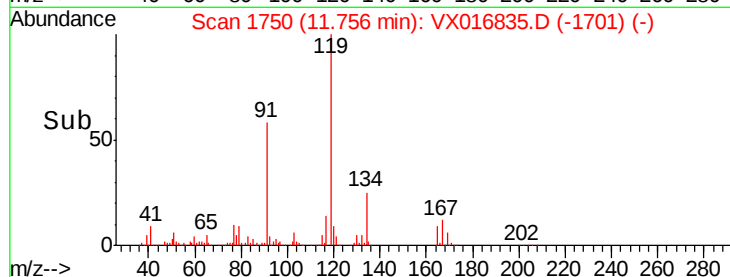
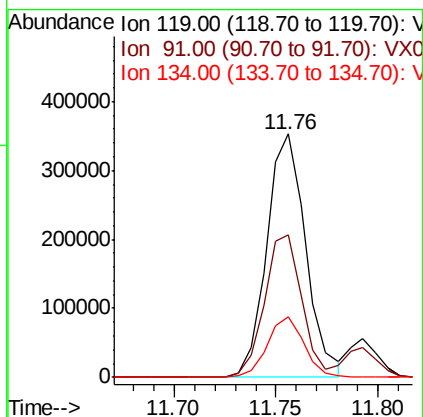
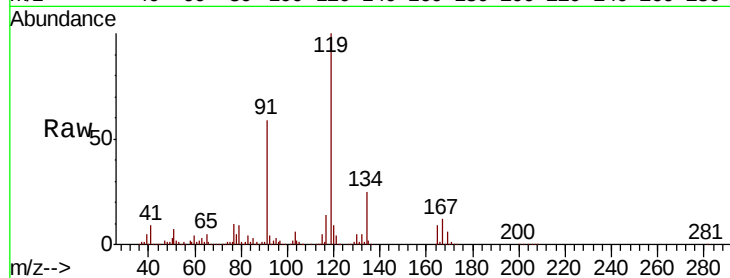




#83
tert-Butylbenzene
Concen: 51.272 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

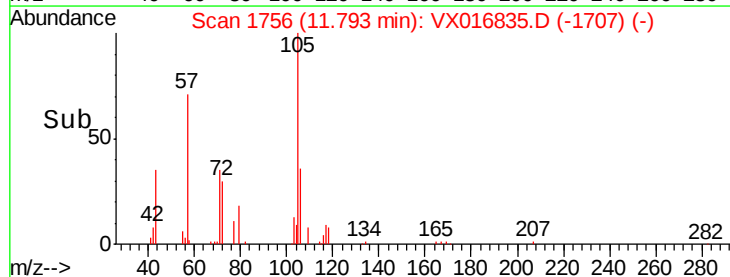
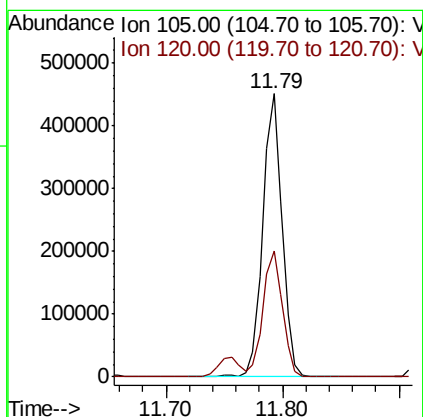
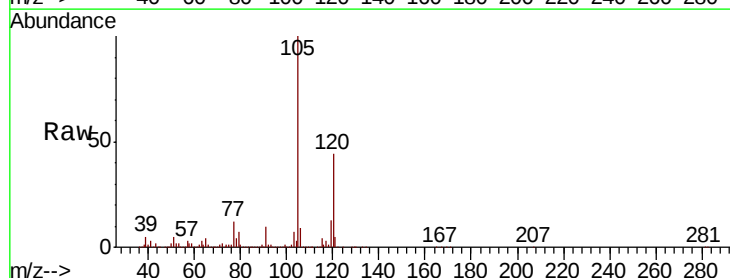
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

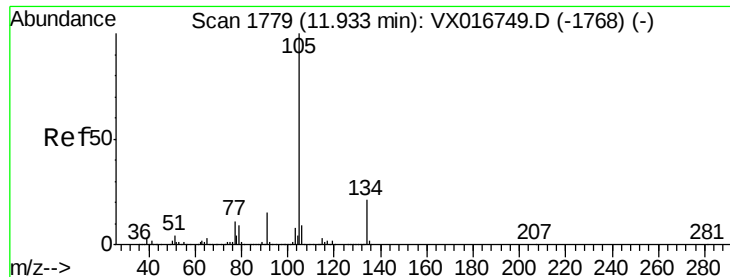
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	29.3	88.0
134	23.3	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 51.658 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.362 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

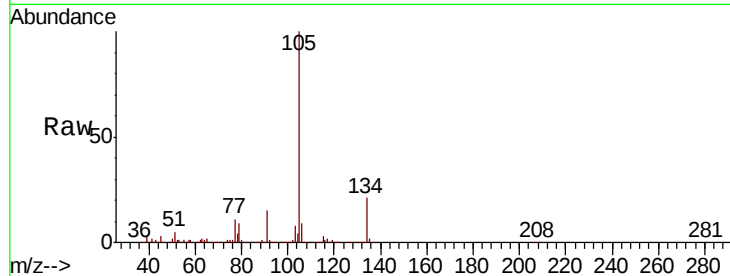
S49-0563MSD

Tot Ion:105 Resp: 529458

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

300000

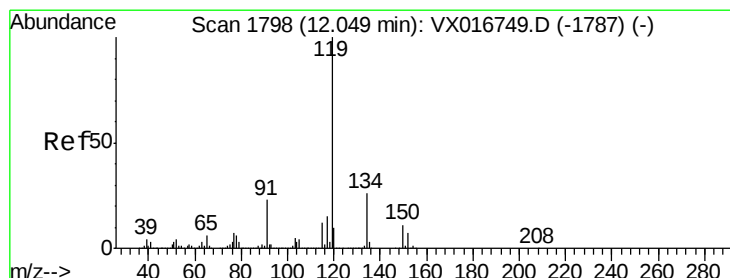
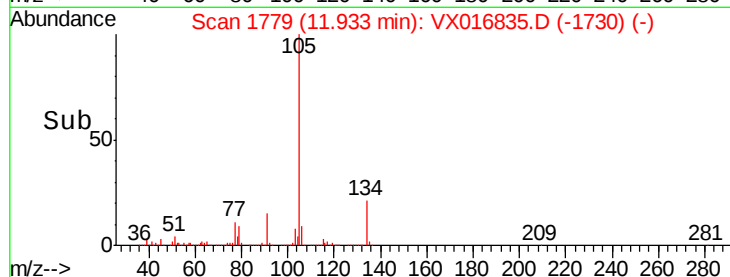
200000

100000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 49.767 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

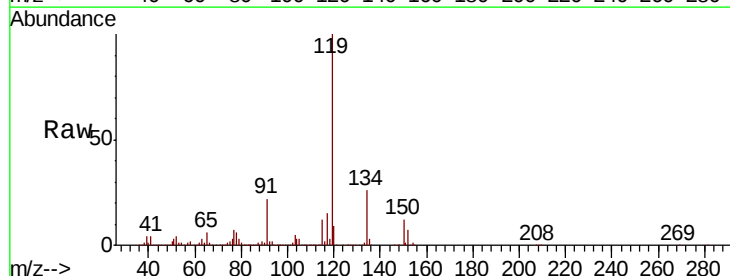
Tgt Ion:119 Resp: 512179

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 22.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

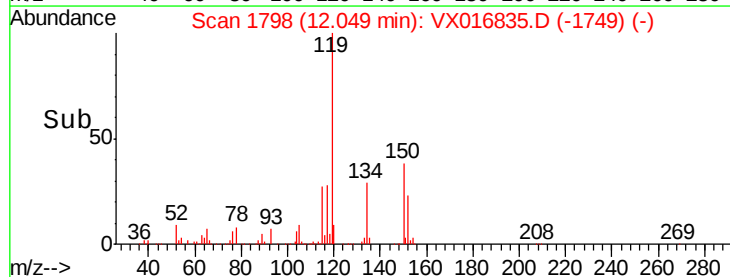
200000

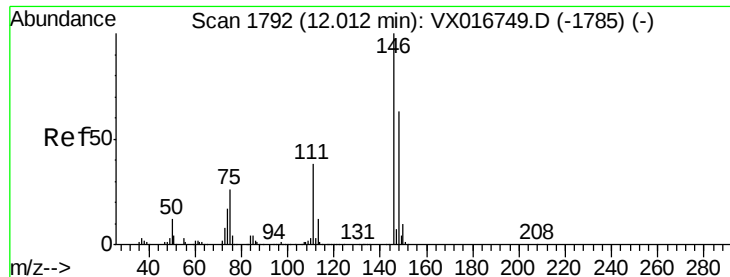
100000

0

Time-->

12.00 12.10

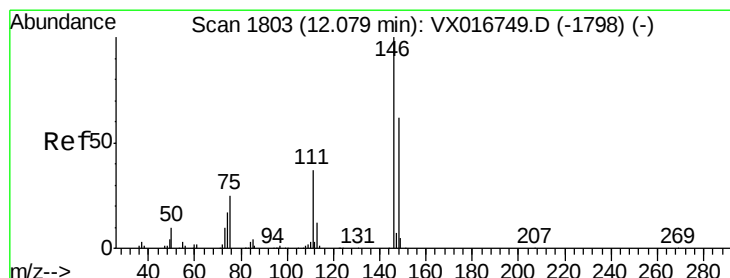
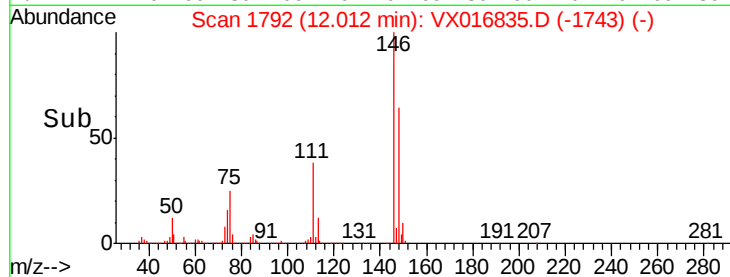
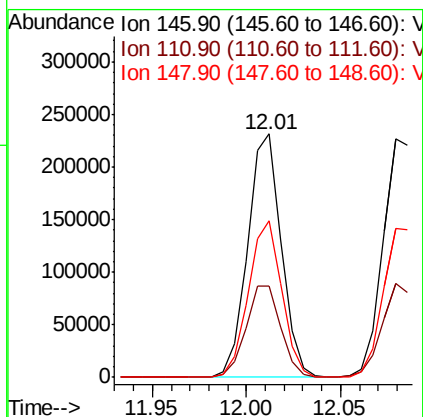
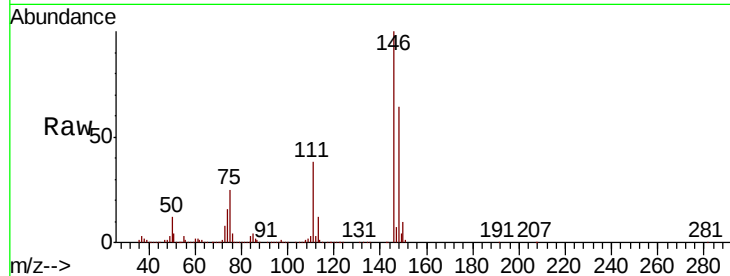




#87
 1,3-Dichlorobenzene
 Concen: 49.959 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

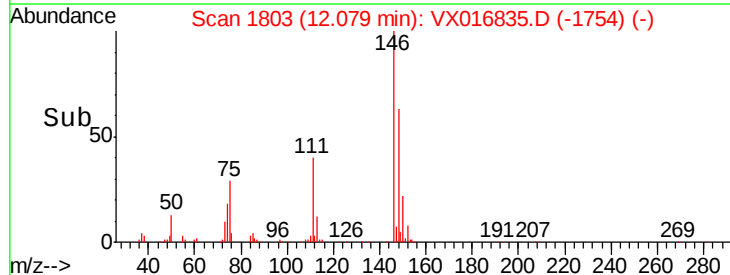
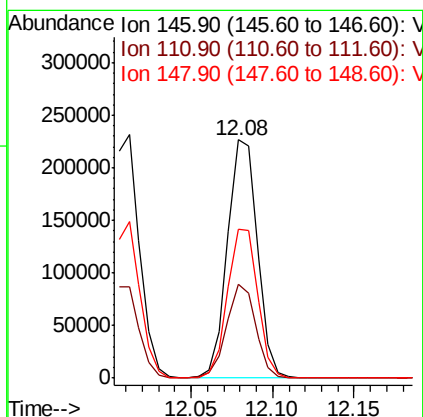
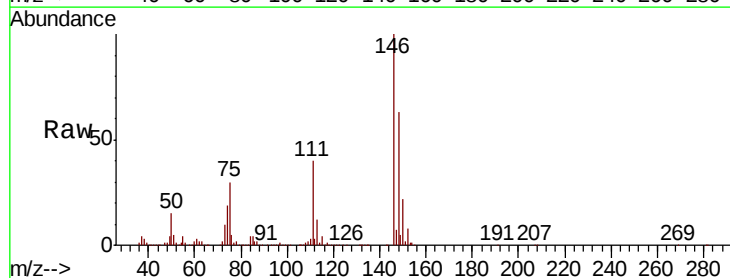
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

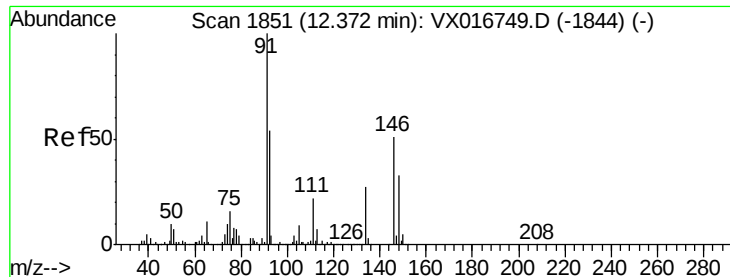
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	64.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.980 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.1	32.1	96.5

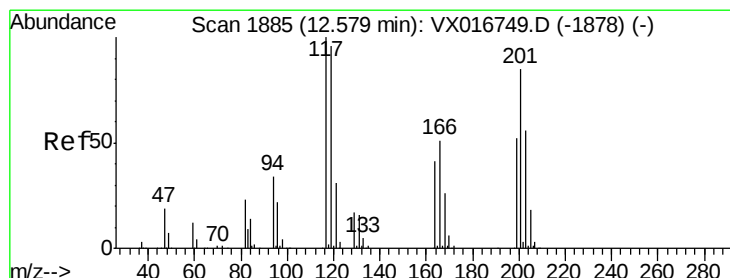
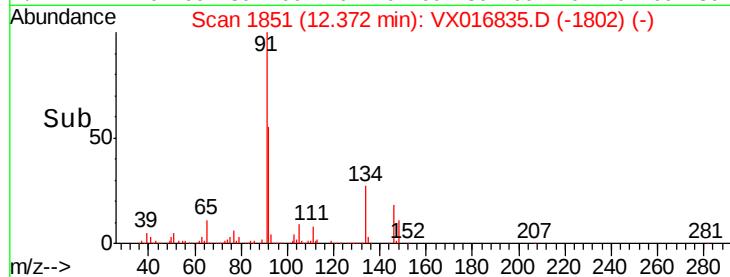
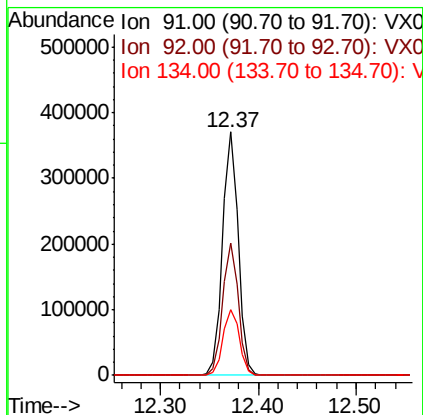
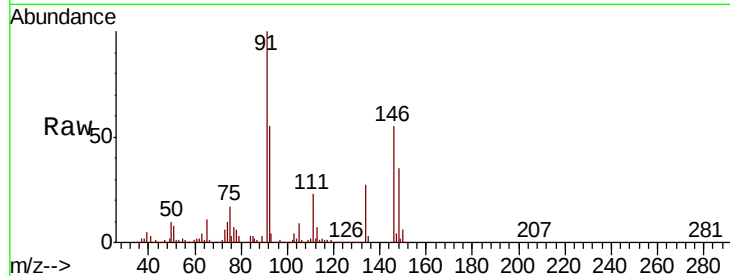




#89
n-Butylbenzene
Concen: 48.558 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

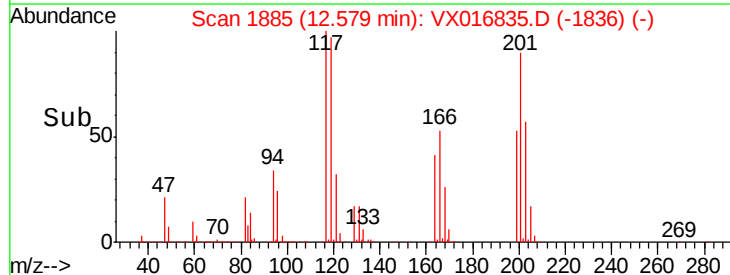
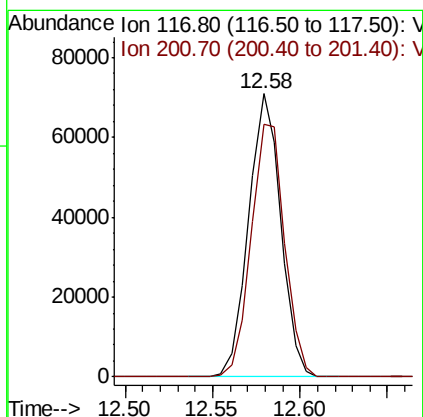
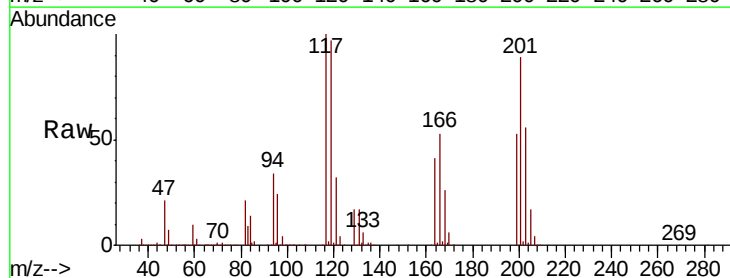
Instrument :
MSVOA_X
ClientSampleId :
S49-0563MSD

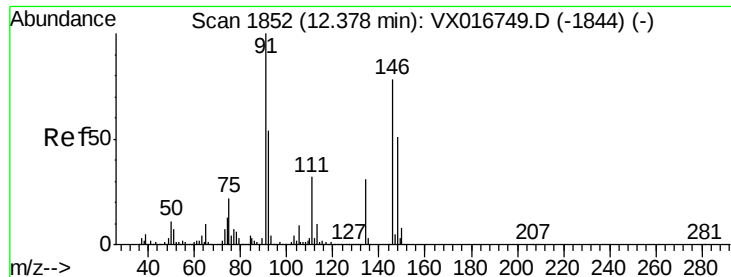
Tot Ion: 91 Resp: 412541
Ion Ratio Lower Upper
91 100
92 54.2 27.0 80.8
134 28.0 13.7 41.0



#90
Hexachloroethane
Concen: 47.805 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016835.D
Acq: 17 Jun 2020 22:14

Tgt Ion: 117 Resp: 90725
Ion Ratio Lower Upper
117 100
201 92.9 45.6 136.9

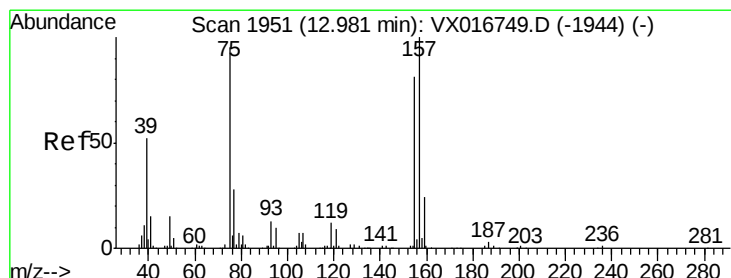
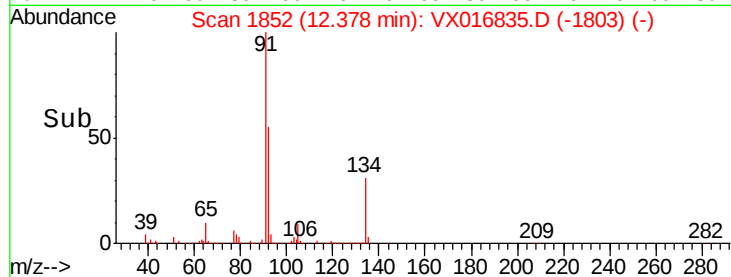
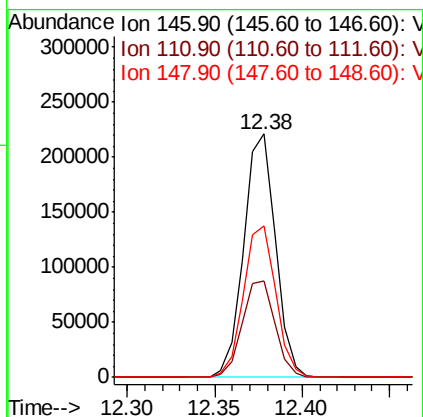
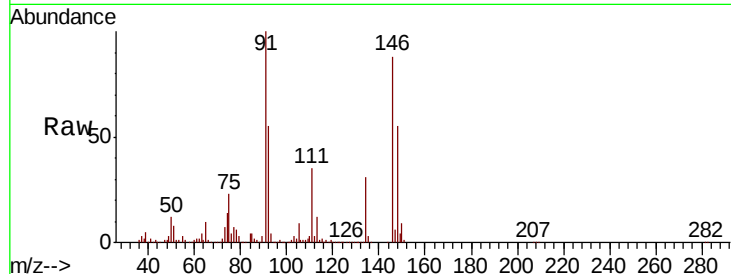




#91
 1,2-Dichlorobenzene
 Concen: 48.864 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

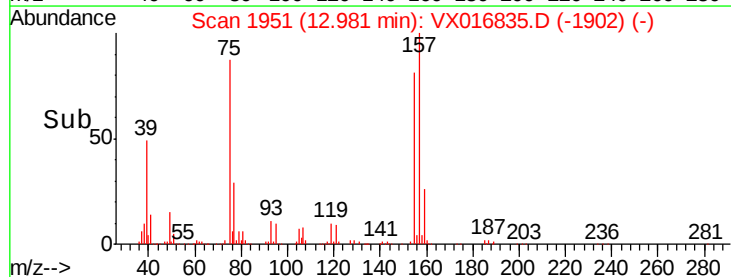
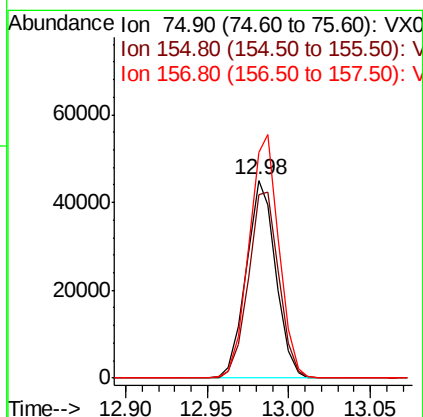
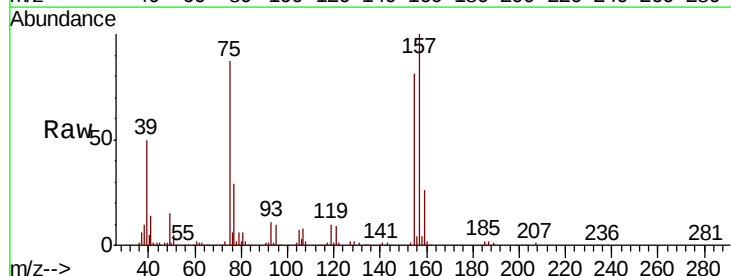
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

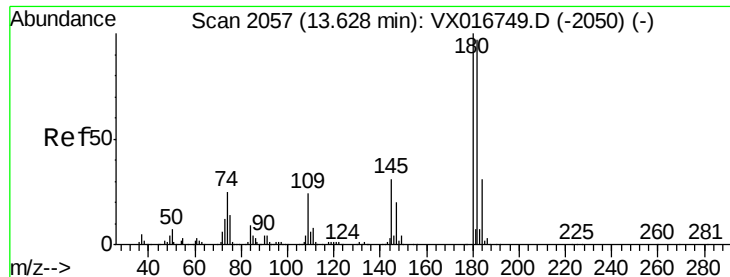
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.2
148	63.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.915 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	46.9	140.7
157	124.4	59.6	178.7

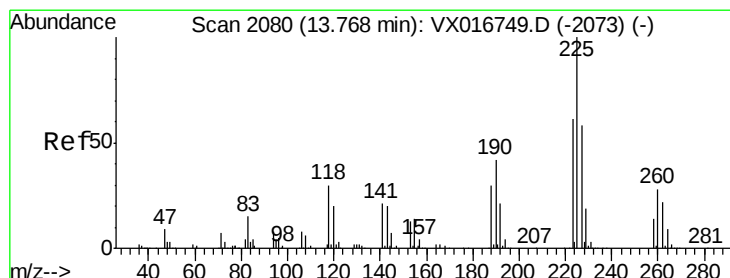
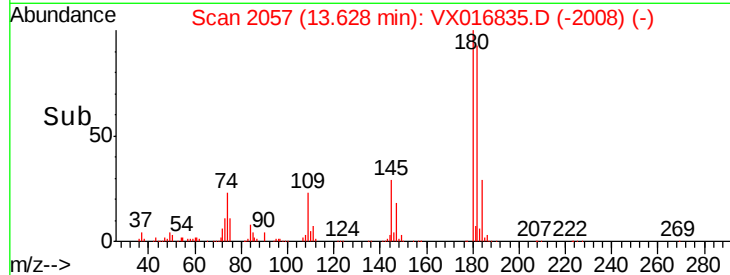
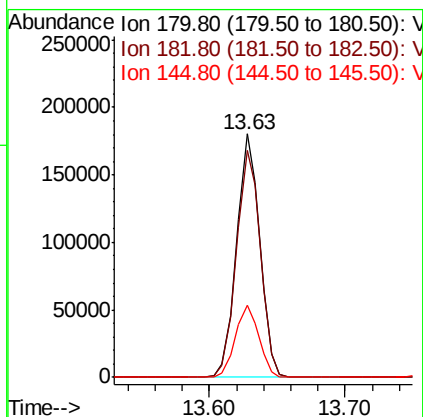
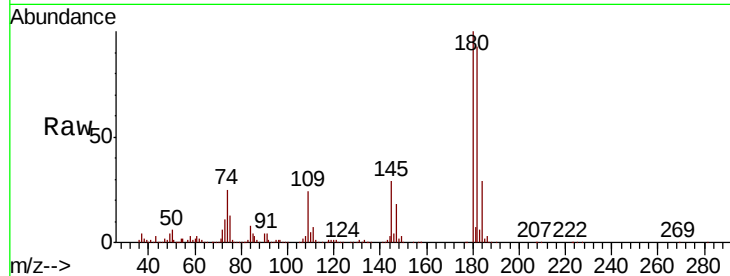




#93
 1,2,4-Trichlorobenzene
 Concen: 53.504 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

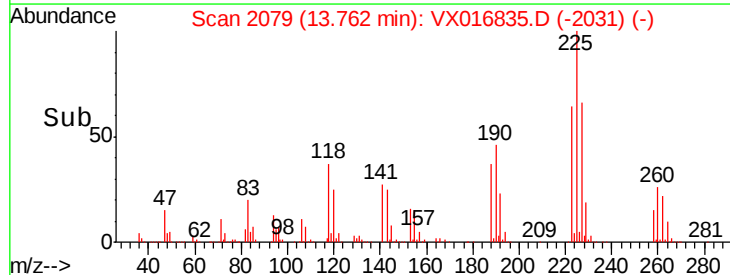
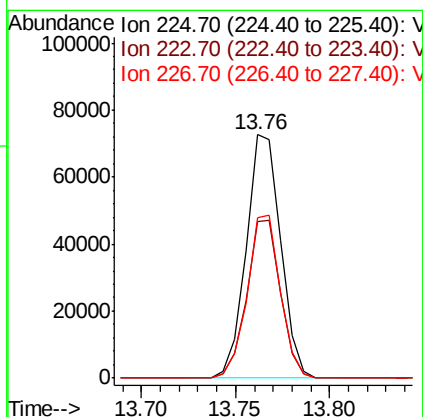
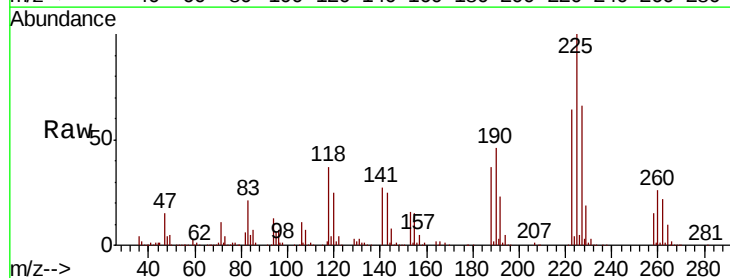
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

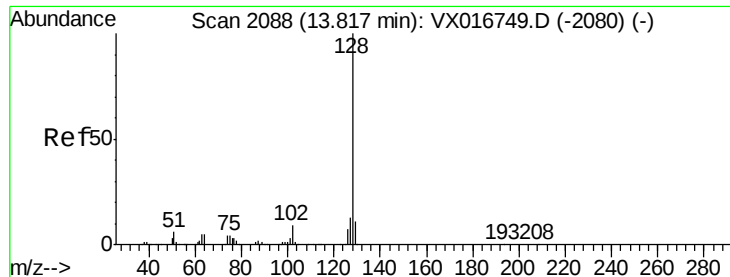
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.6	145.8
145	29.8	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 52.415 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016835.D
 Acq: 17 Jun 2020 22:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.5
227	64.5	30.9	92.7





#95

Naphthalene

Concen: 65.410 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

Instrument :

MSVOA_X

ClientSampleId :

S49-0563MSD

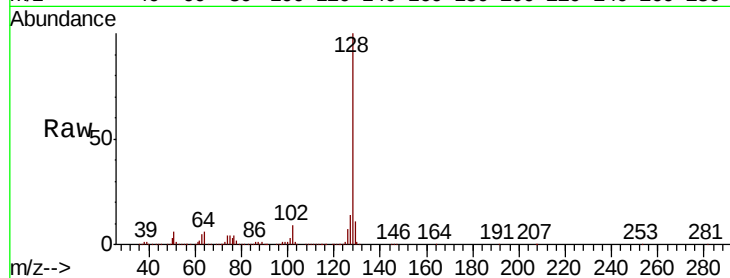
Tot Ion:128 Resp: 818916

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

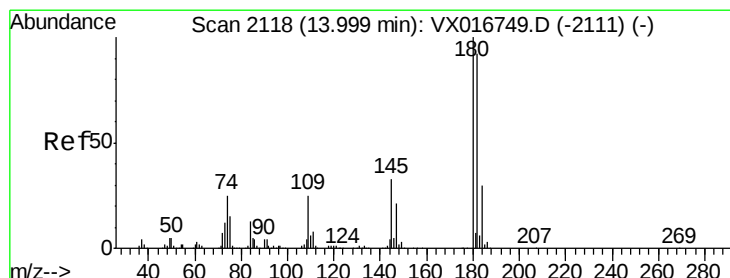
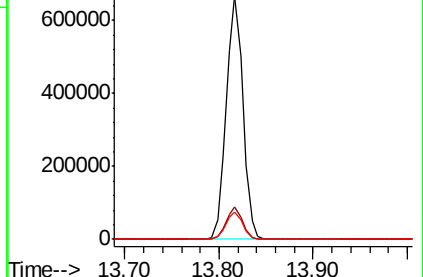
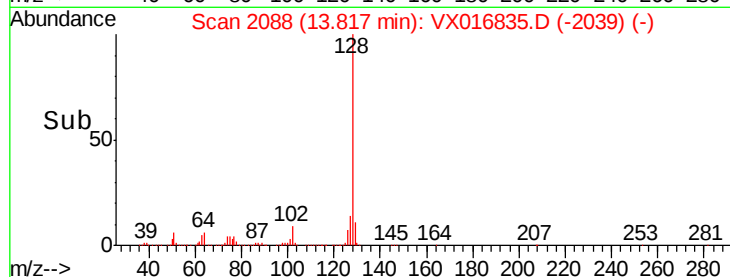
129 11.2 8.8 13.2



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: 58.084 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016835.D

Acq: 17 Jun 2020 22:14

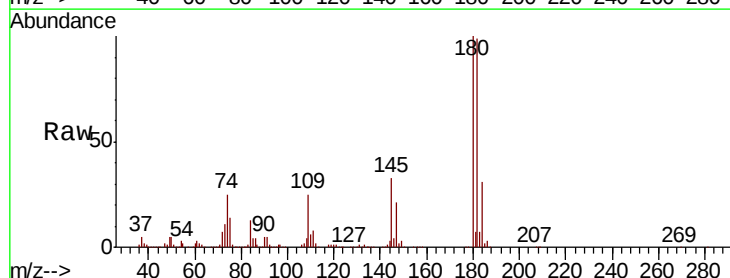
Tgt Ion:180 Resp: 228469

Ion Ratio Lower Upper

180 100

182 97.5 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

