

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023554.D
 Acq On : 16 Nov 2021 23:33
 Operator : SY/MD
 Sample : M4627-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4637MSD

Quant Time: Nov 17 03:41:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33641	4.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.568	69	25841	3.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.111	63	68638	4.470	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.902	46	36491	25.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.640%
24) Chloroform-d	4.352	84	68836	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.034	65	32255	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.050	84	128769	3.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.069	67	37953	3.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.316	98	122465	3.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.625	79	15034	4.074	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.091	63	60197	44.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30705	4.387	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	49001	4.241	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	52981	4.150	ug/L	98
3) Chloromethane	1.240	50	48608	4.478	ug/L	96
5) Vinyl chloride	1.310	62	682869	62.985	ug/L	99
6) Bromomethane	1.523	94	24706	3.565	ug/L	97
8) Chloroethane	1.587	64	30721	4.910	ug/L	97
9) Trichlorofluoromethane	1.754	101	75400	4.629	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38210	4.659	ug/L	97
12) 1,1-Dichloroethene	2.121	96	51306	6.571	ug/L #	78
13) Acetone	2.195	43	35102	40.650	ug/L	99
14) Carbon disulfide	2.294	76	119348	4.050	ug/L	98
15) Methyl Acetate	2.439	43	8010	3.278	ug/L #	66
16) Methylene chloride	2.510	84	41268	3.622	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	83864	4.879	ug/L	92
18) trans-1,2-Dichloroethene	2.760	96	173325	18.057	ug/L	99
19) 1,1-Dichloroethane	3.191	63	83694	5.164	ug/L	98
21) 2-Butanone	3.989	43	51961	37.219	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	376583	40.766	ug/L #	89
23) Bromochloromethane	4.249	128	19740	4.634	ug/L #	75
25) Chloroform	4.378	83	80569	4.664	ug/L	97

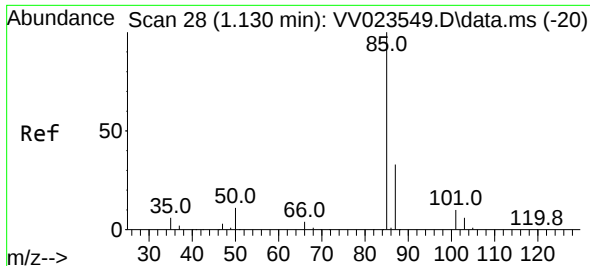
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42099	4.582	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	73007	4.665	ug/L	99
30) Cyclohexane	4.680	56	62540	4.460	ug/L	95
31) Carbon tetrachloride	4.828	117	65887	4.688	ug/L	96
33) Benzene	5.101	78	185311	5.145	ug/L	100
34) Trichloroethene	5.915	95	91907	9.596	ug/L	98
35) Methylcyclohexane	6.130	83	66689	4.411	ug/L	97
37) 1,2-Dichloropropane	6.175	63	38478	4.576	ug/L	99
38) Bromodichloromethane	6.509	83	52915	4.696	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	53867	4.454	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	206980	53.077	ug/L	97
42) Toluene	7.387	91	198429	5.151	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	46992	4.683	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	27698	4.585	ug/L	98
47) Tetrachloroethene	7.976	164	38987	4.697	ug/L	96
48) 2-Hexanone	8.143	43	145850	53.376	ug/L	98
49) Dibromochloromethane	8.246	129	37236	4.864	ug/L	96
50) 1,2-Dibromoethane	8.352	107	26476	4.729	ug/L #	99
51) Chlorobenzene	8.882	112	120007	4.687	ug/L	99
52) Ethylbenzene	9.014	91	200531	4.936	ug/L	99
53) m,p-xylene	9.140	106	78971	4.953	ug/L	98
54) o-xylene	9.545	106	72892	4.873	ug/L	99
55) Styrene	9.561	104	127027	4.957	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.242	83	31422	4.747	ug/L #	96
59) Bromoform	9.734	173	19190	4.630	ug/L	96
60) Isopropylbenzene	9.931	105	199850	5.019	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23506	5.099	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	164140	4.971	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	166498	5.067	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	98773	4.855	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	97394	4.687	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	89584	4.921	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4512	4.595	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	76039	4.773	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	60955	4.778	ug/L	98
71) Naphthalene	13.503	128	88097	4.683	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	57207	5.125	ug/L	97

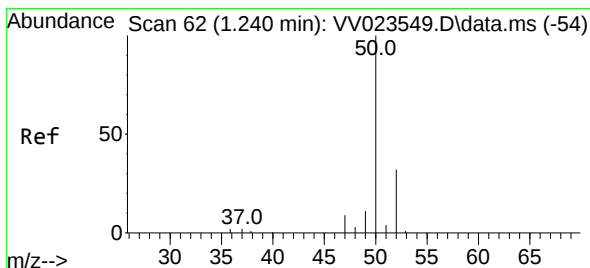
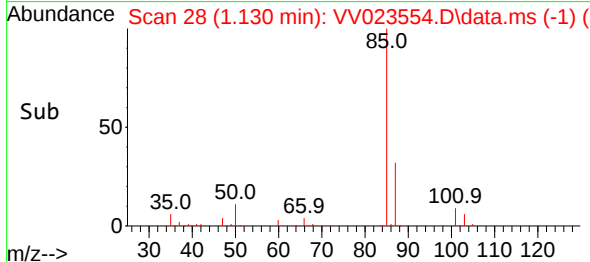
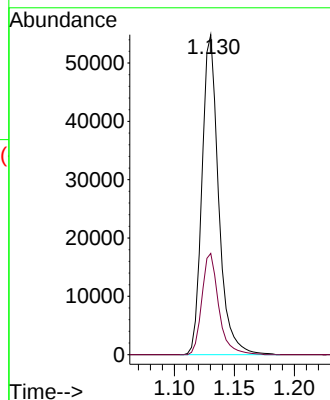
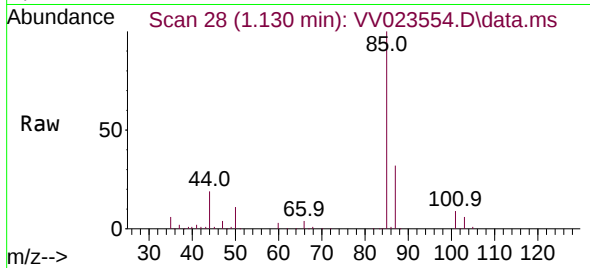
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.150 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

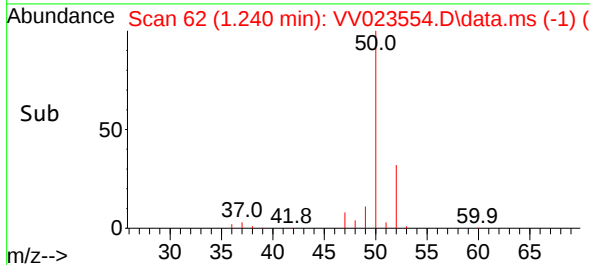
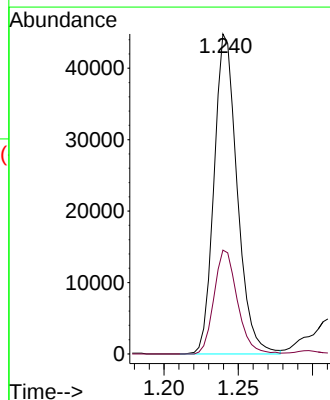
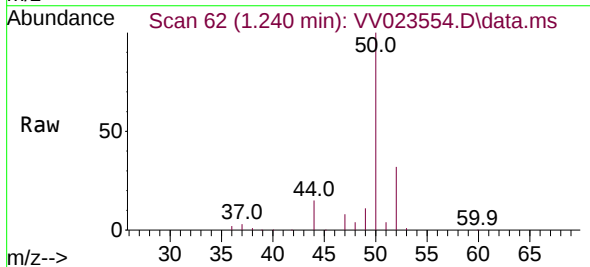
Instrument :
 MSVOA_V
 ClientSampleId :
 H4637MSD

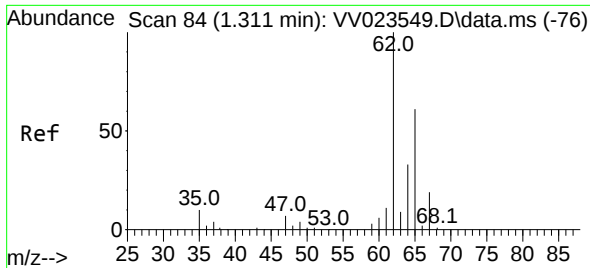
Tgt Ion: 85 Resp: 52981
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.6 39.8



#3
 Chloromethane
 Concen: 4.478 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

Tgt Ion: 50 Resp: 48608
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.3 45.1

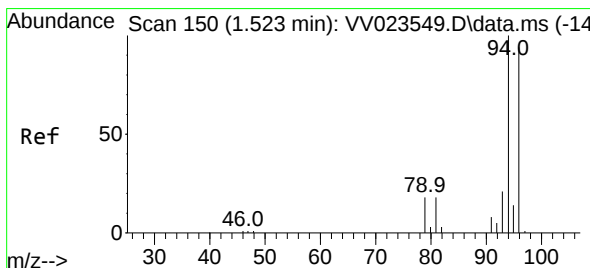
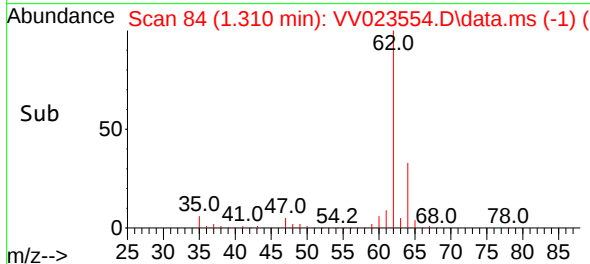
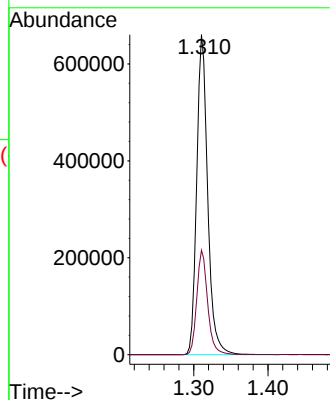
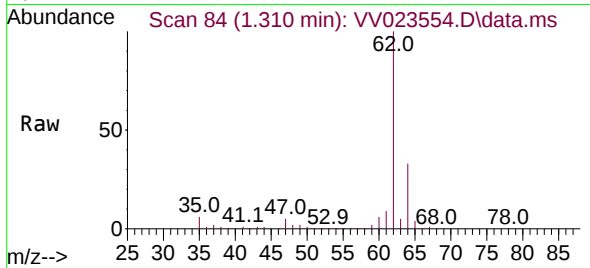




#5
 Vinyl chloride
 Concen: 62.985 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

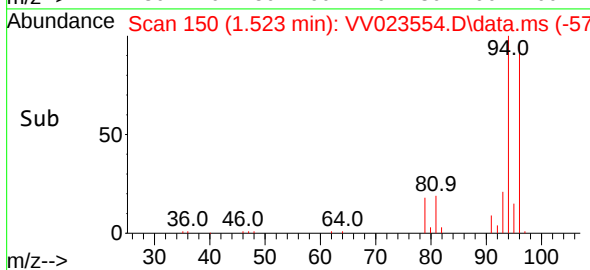
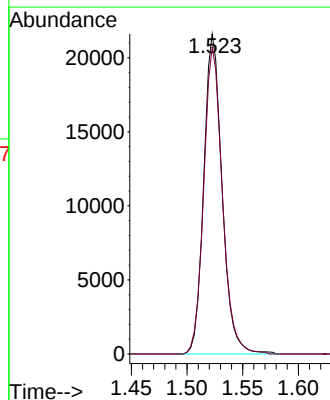
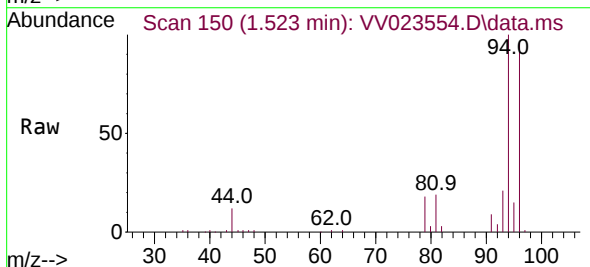
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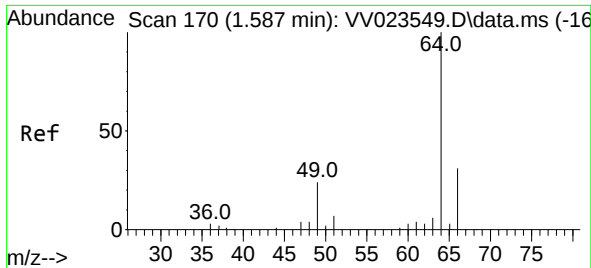
Tgt Ion: 62 Resp: 682869
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.1 42.9



#6
 Bromomethane
 Concen: 3.565 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

Tgt Ion: 94 Resp: 24706
 Ion Ratio Lower Upper
 94 100
 96 96.0 65.0 120.8

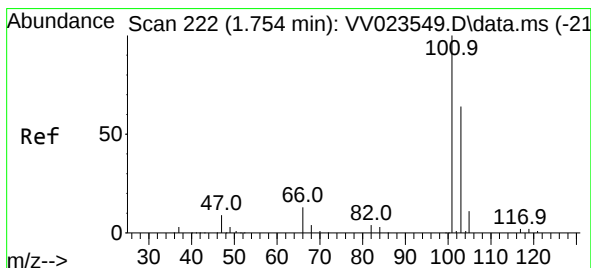
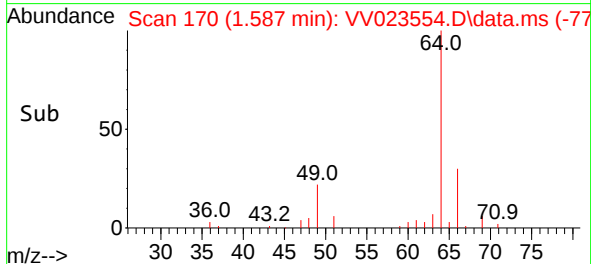
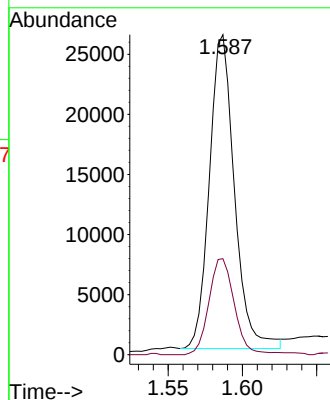
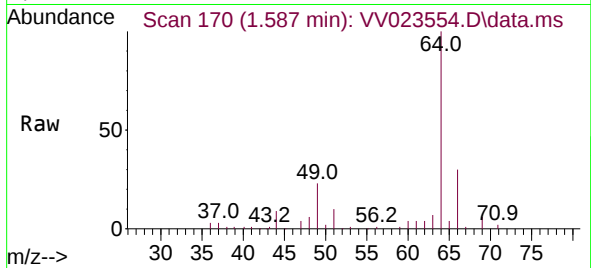




#8
Chloroethane
Concen: 4.910 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

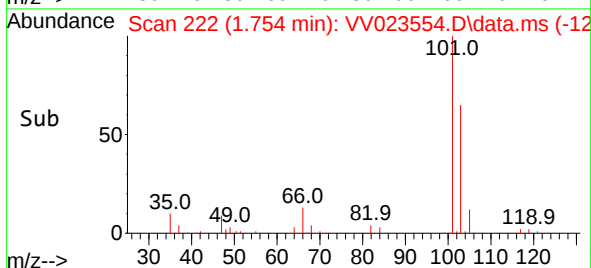
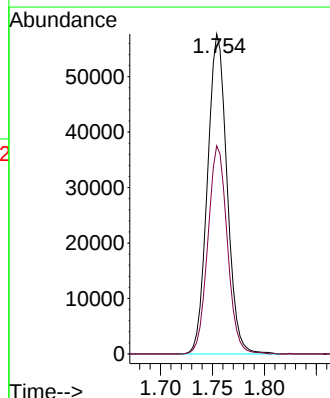
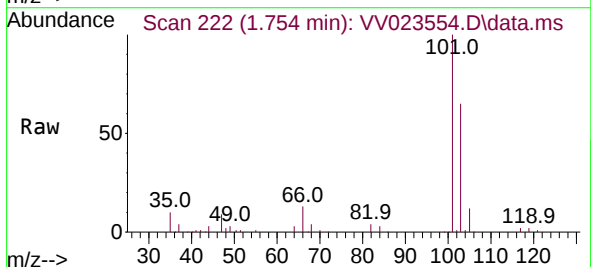
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ClientSampleId :
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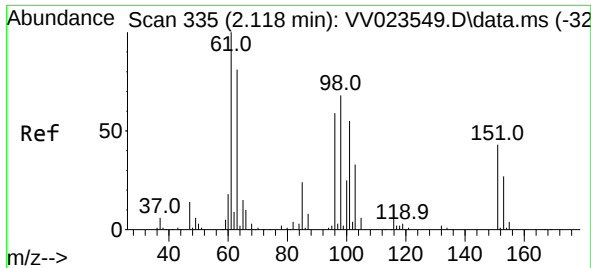
Tgt Ion: 64 Resp: 30721
Ion Ratio Lower Upper
64 100
66 30.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.629 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion:101 Resp: 75400
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

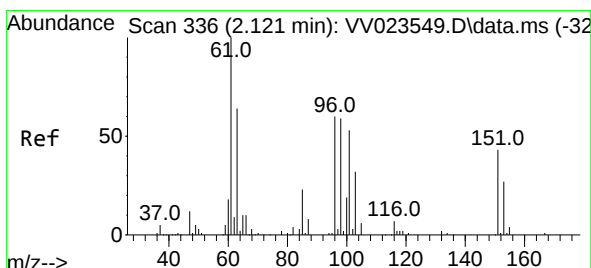
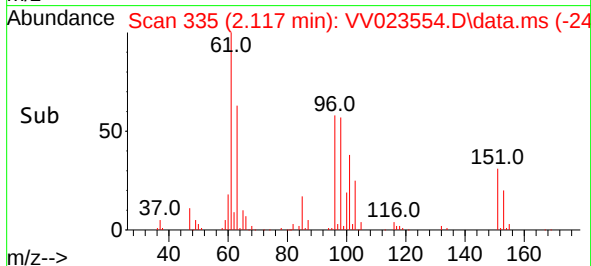
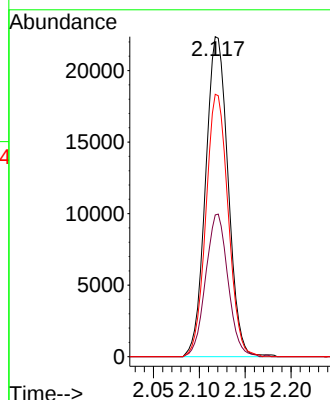
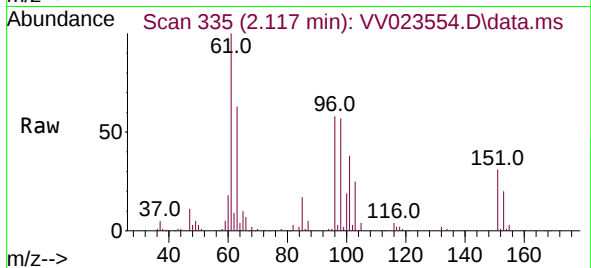




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.659 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

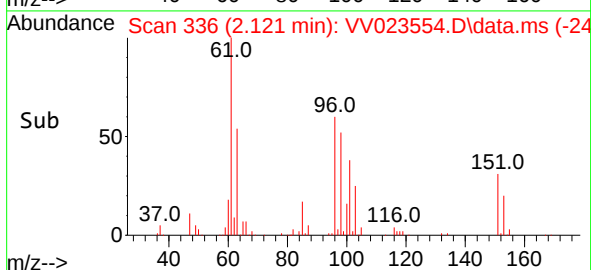
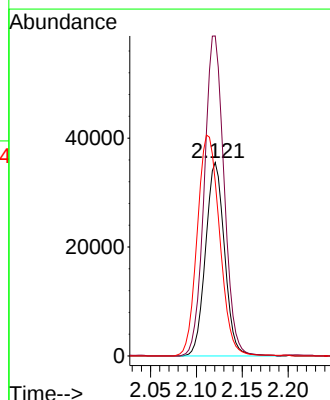
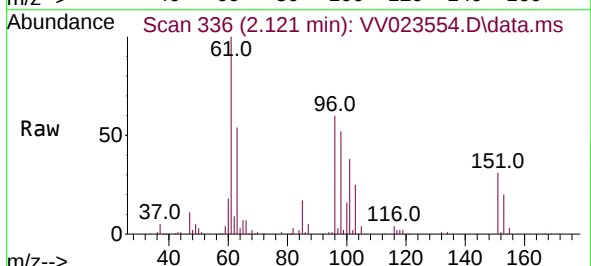
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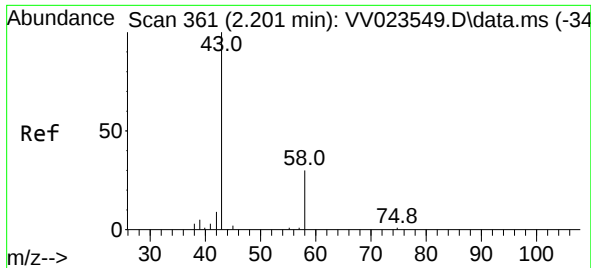
Tgt Ion:101 Resp: 38210
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.3 52.9
 151 81.1 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 6.571 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

Tgt Ion: 96 Resp: 51306
 Ion Ratio Lower Upper
 96 100
 61 165.4 121.5 225.7
 63 90.0 99.6 185.0#





#13

Acetone

Concen: 40.650 ug/L

RT: 2.195 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

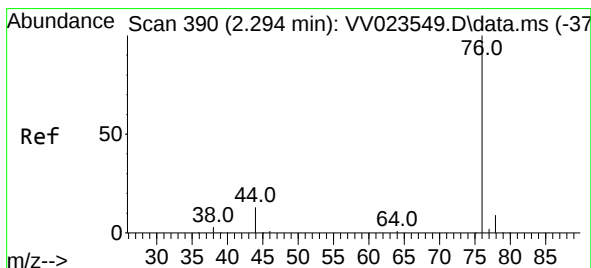
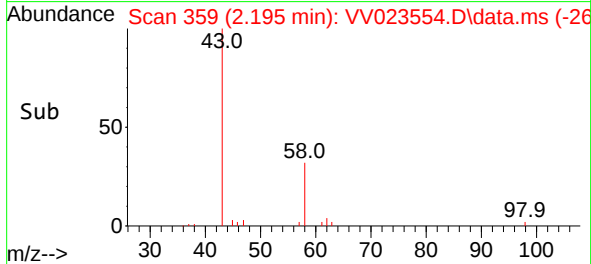
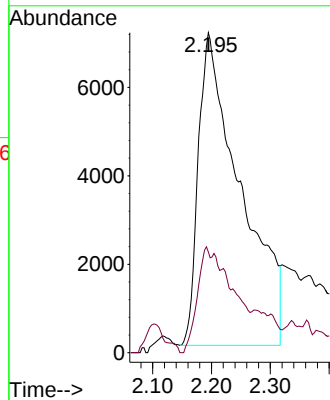
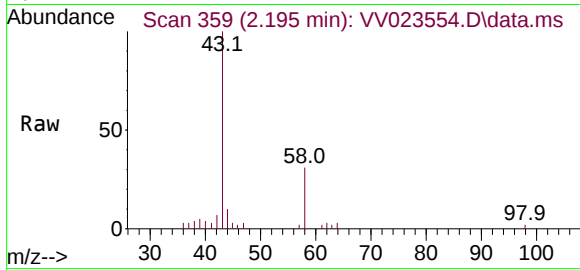
H4637MSD

Tgt Ion: 43 Resp: 35102

Ion Ratio Lower Upper

43 100

58 28.1 0.0 55.4



#14

Carbon disulfide

Concen: 4.050 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV023554.D

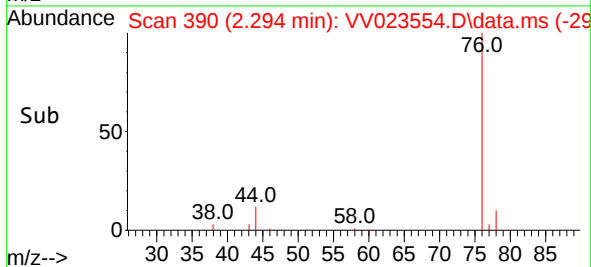
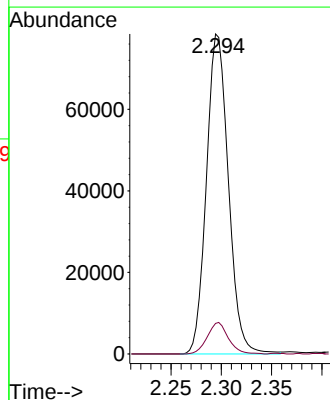
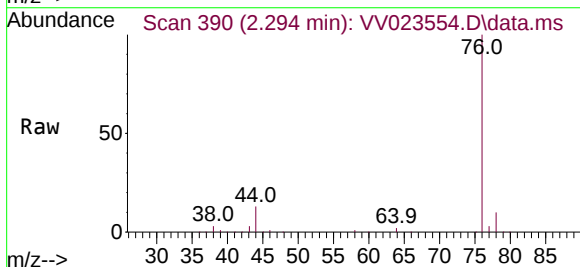
Acq: 16 Nov 2021 23:33

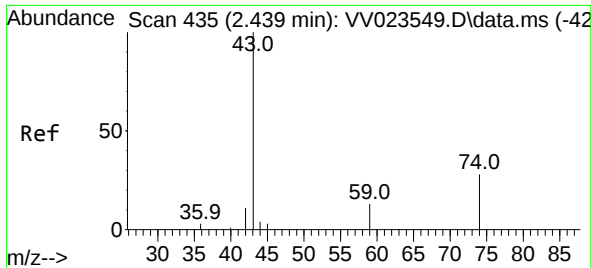
Tgt Ion: 76 Resp: 119348

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

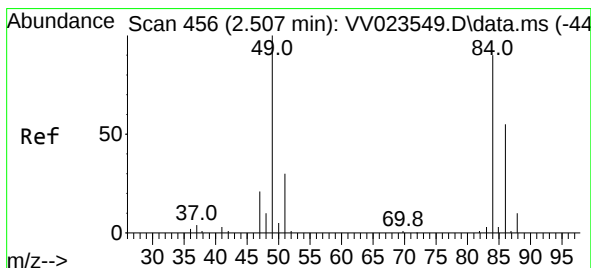
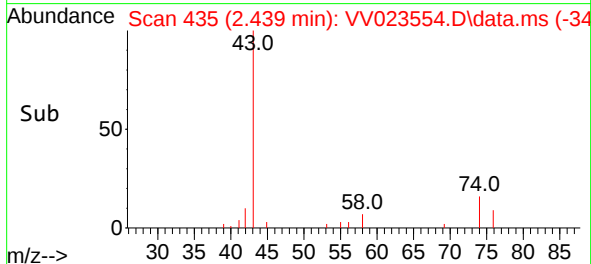
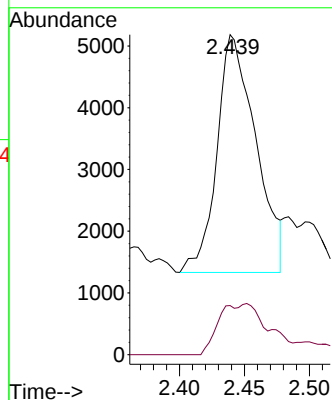
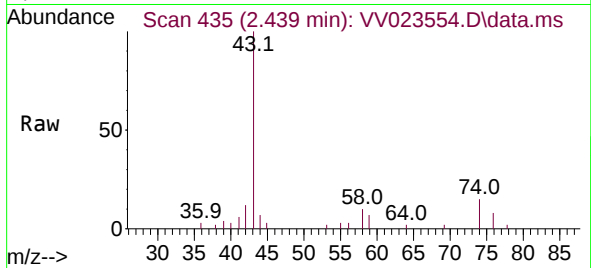




#15
Methyl Acetate
Concen: 3.278 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

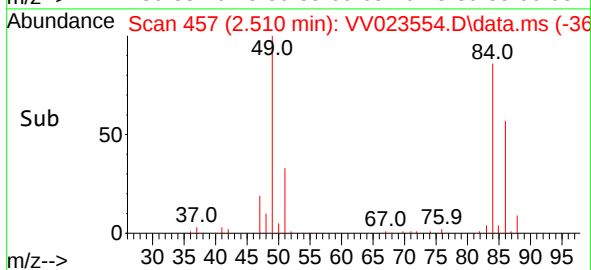
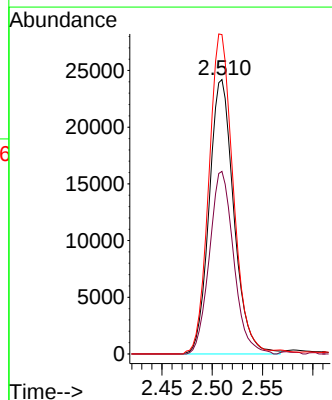
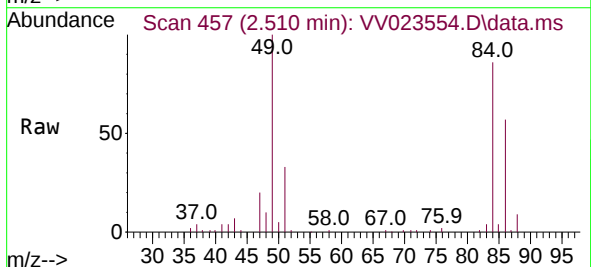
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

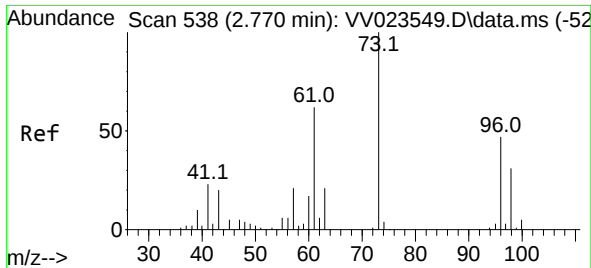
Tgt Ion: 43 Resp: 8010
Ion Ratio Lower Upper
43 100
74 10.0 22.2 33.2#



#16
Methylene chloride
Concen: 3.622 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 84 Resp: 41268
Ion Ratio Lower Upper
84 100
86 66.5 42.3 78.5
49 116.4 79.7 148.1

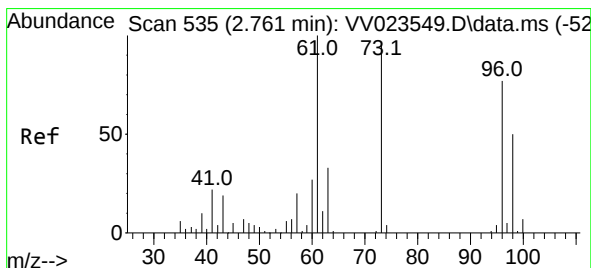
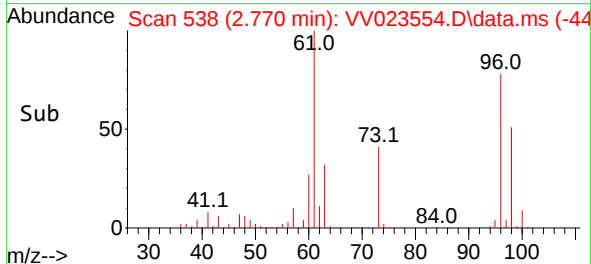
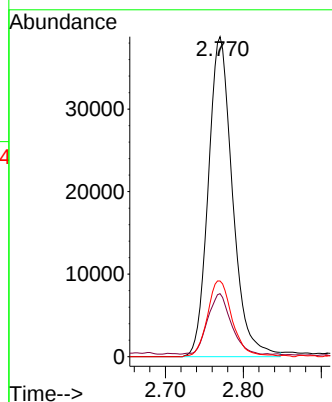
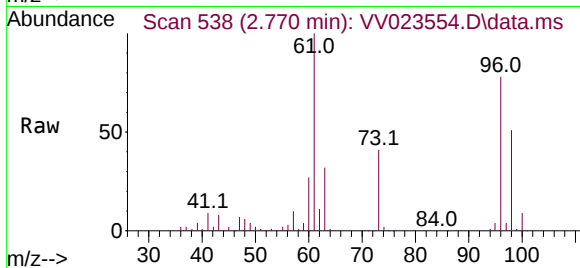




#17
Methyl tert-butyl Ether
Concen: 4.879 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

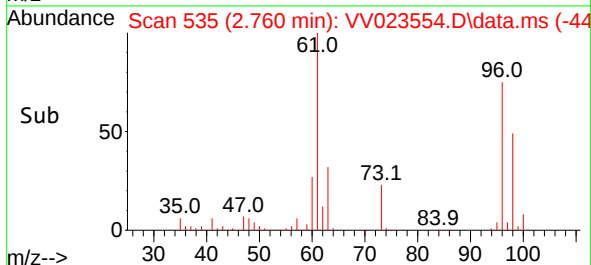
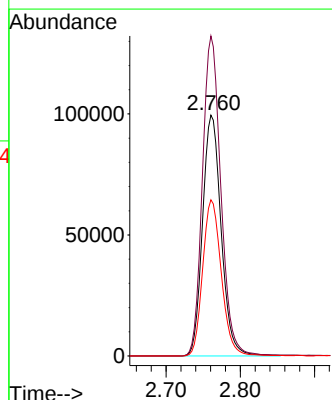
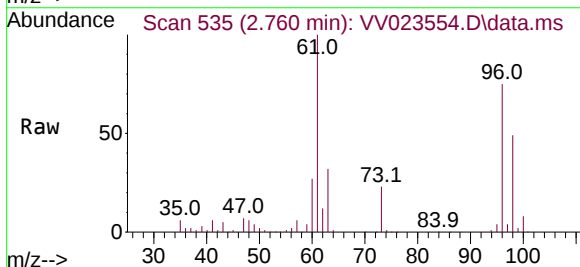
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

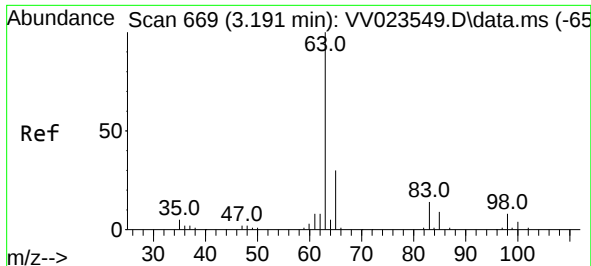
Tgt Ion: 73	Resp: 83864
Ion Ratio	Lower Upper
73 100	
43 18.1	17.4 26.0
57 24.2	16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 18.057 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 96	Resp: 173325
Ion Ratio	Lower Upper
96 100	
61 132.9	93.2 173.2
98 64.9	47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.164 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

H4637MSD

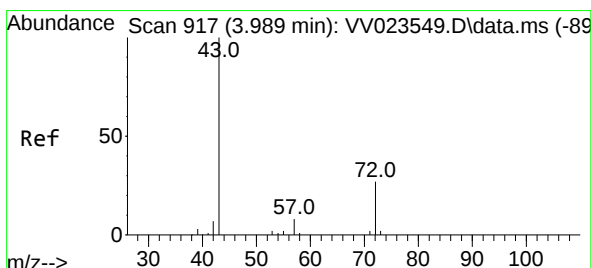
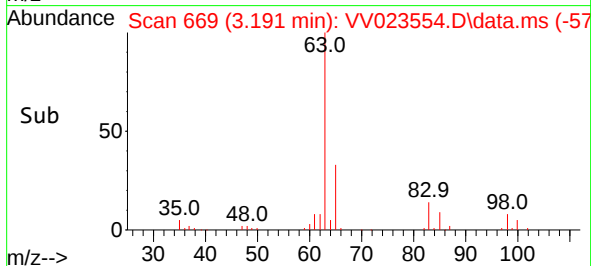
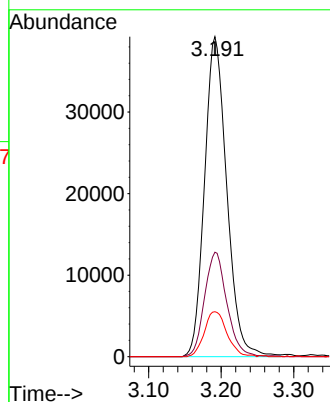
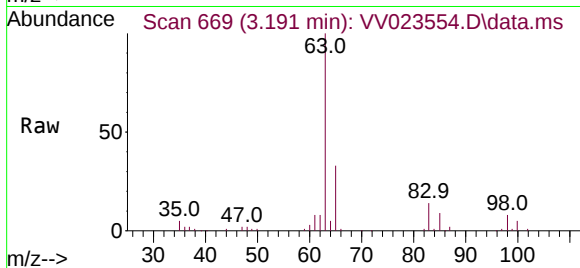
Tgt Ion: 63 Resp: 83694

Ion Ratio Lower Upper

63 100

65 32.7 22.6 42.0

83 14.0 11.1 20.7



#21

2-Butanone

Concen: 37.219 ug/L

RT: 3.989 min Scan# 917

Delta R.T. -0.000 min

Lab File: VV023554.D

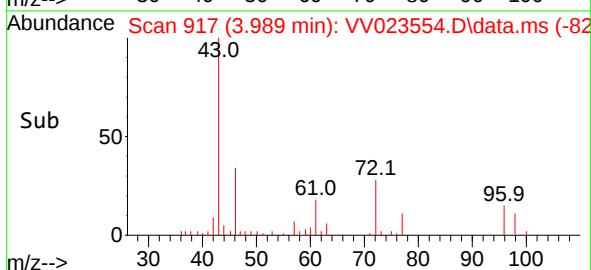
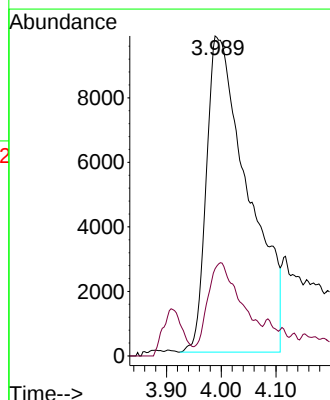
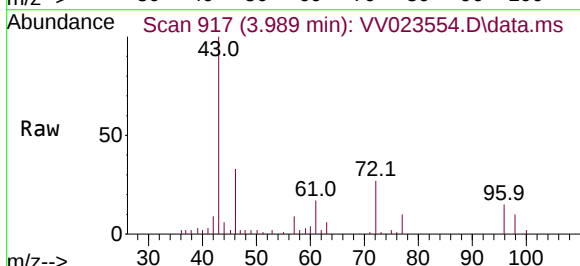
Acq: 16 Nov 2021 23:33

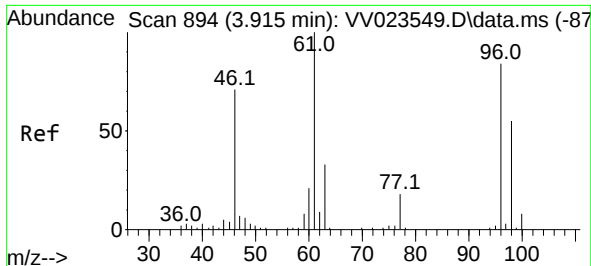
Tgt Ion: 43 Resp: 51961

Ion Ratio Lower Upper

43 100

72 20.9 11.9 35.9

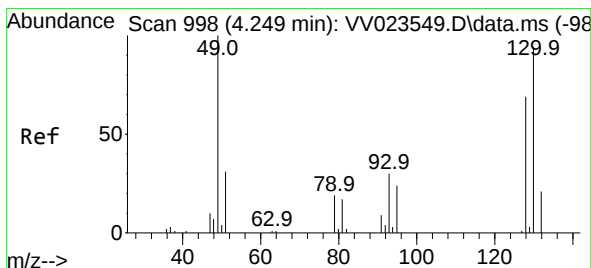
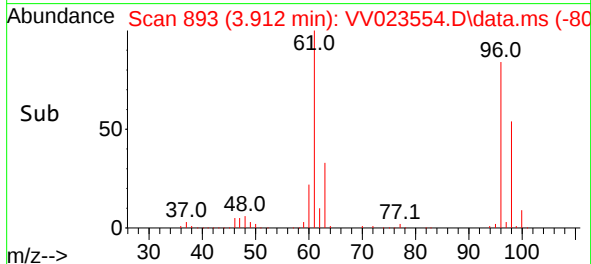
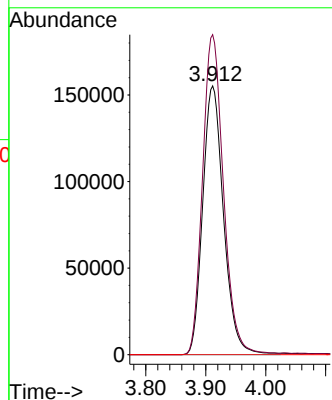
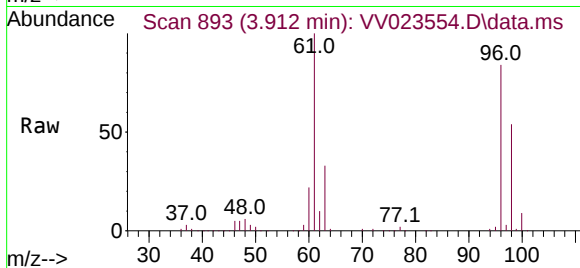




#22
 cis-1,2-Dichloroethene
 Concen: 40.766 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

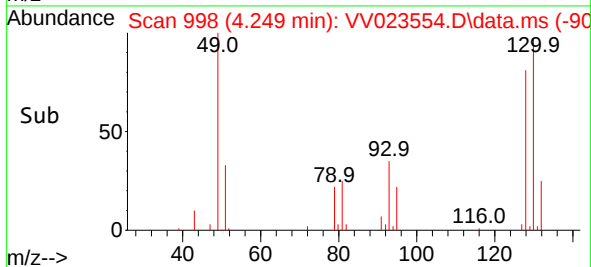
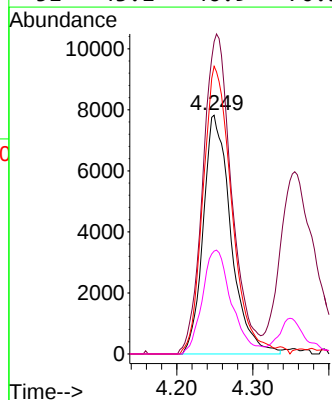
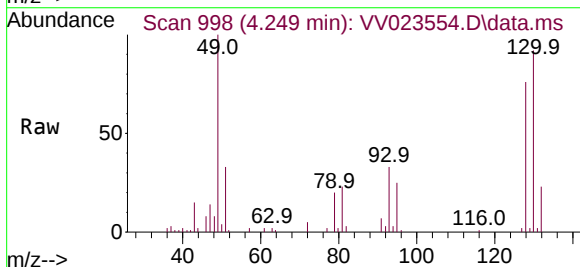
Instrument :
 MSVOA_V
 ClientSampleId :
 H4637MSD

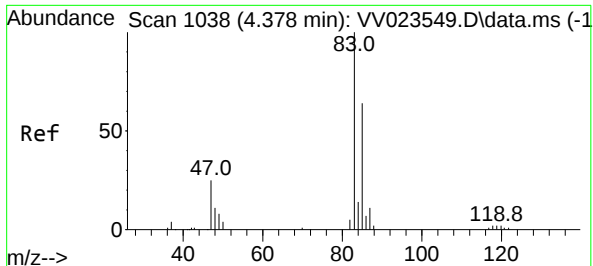
Tgt Ion: 96 Resp: 376583
 Ion Ratio Lower Upper
 96 100
 61 119.0 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 4.634 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

Tgt Ion: 128 Resp: 19740
 Ion Ratio Lower Upper
 128 100
 49 130.9 126.1 234.3
 130 120.5 95.2 176.8
 51 43.1 46.9 70.3#





#25

Chloroform

Concen: 4.664 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

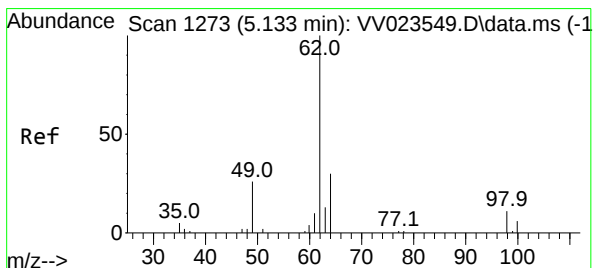
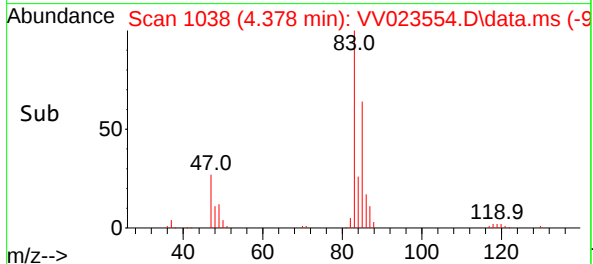
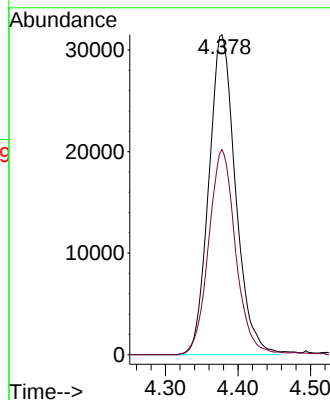
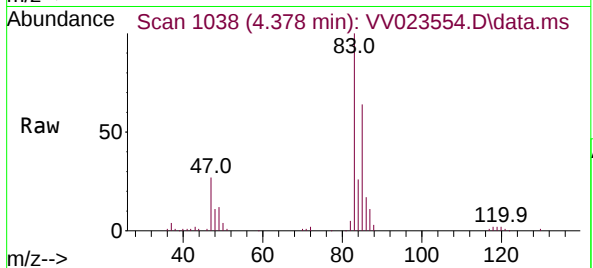
H4637MSD

Tgt Ion: 83 Resp: 80569

Ion Ratio Lower Upper

83 100

85 64.1 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.582 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VV023554.D

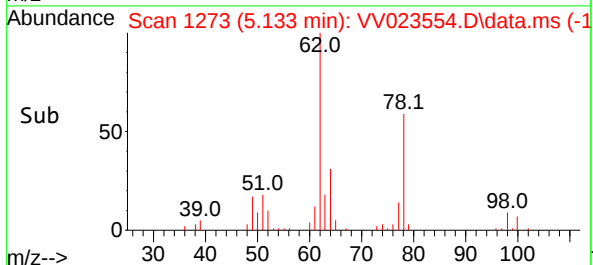
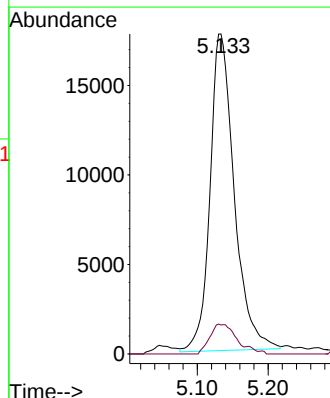
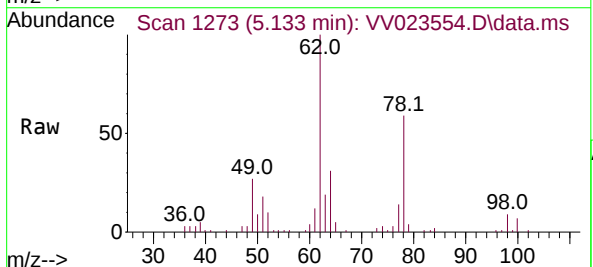
Acq: 16 Nov 2021 23:33

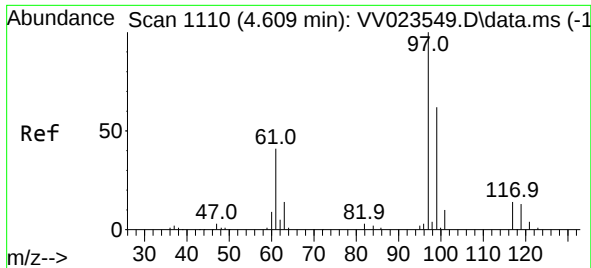
Tgt Ion: 62 Resp: 42099

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.665 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

H4637MSD

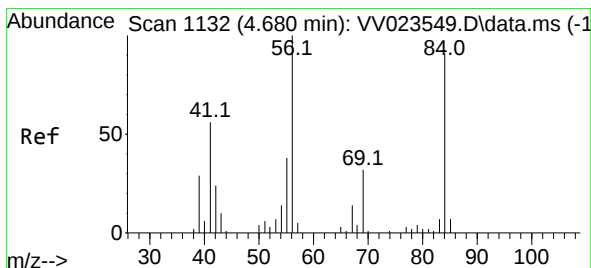
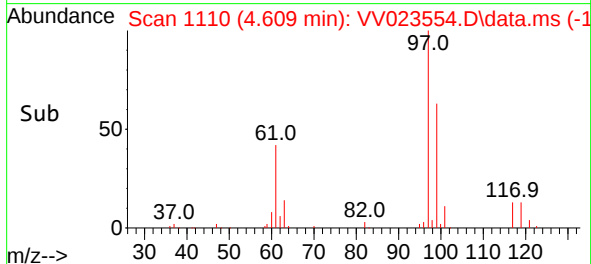
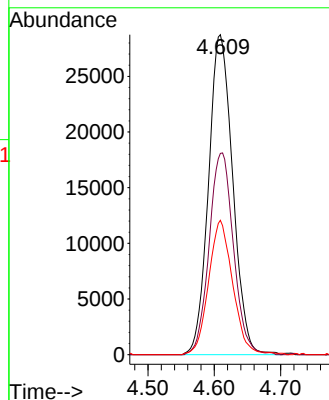
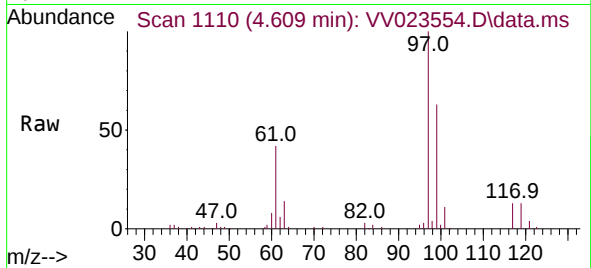
Tgt Ion: 97 Resp: 73007

Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.4

61 41.9 34.1 51.1



#30

Cyclohexane

Concen: 4.460 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

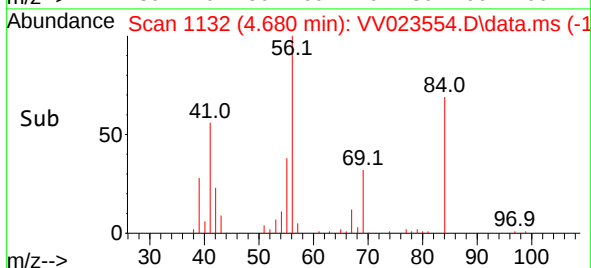
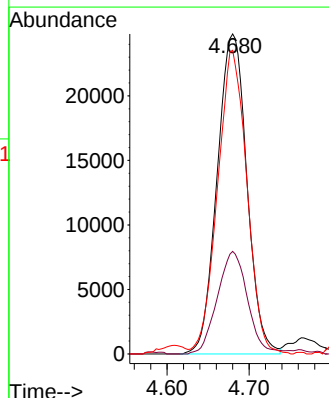
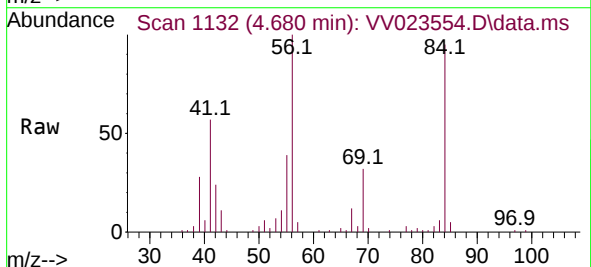
Tgt Ion: 56 Resp: 62540

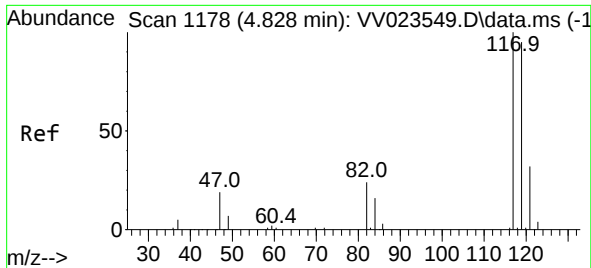
Ion Ratio Lower Upper

56 100

69 32.5 23.5 35.3

84 93.6 71.6 107.4

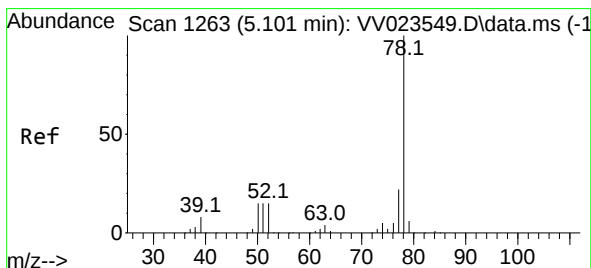
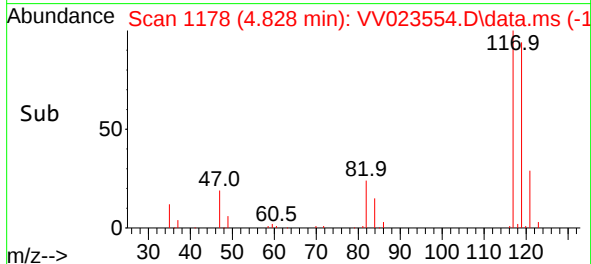
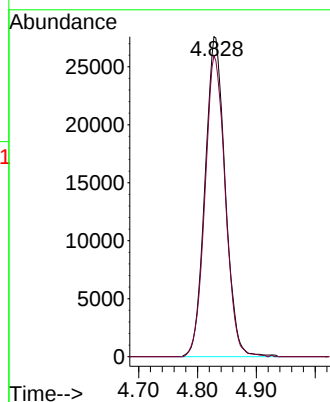
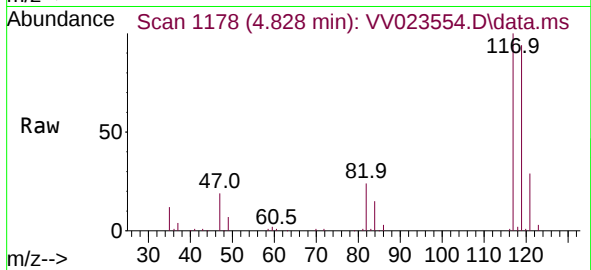




#31
Carbon tetrachloride
Concen: 4.688 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

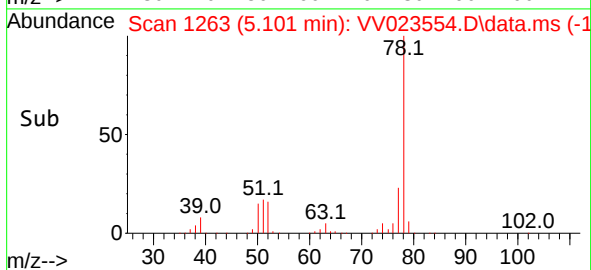
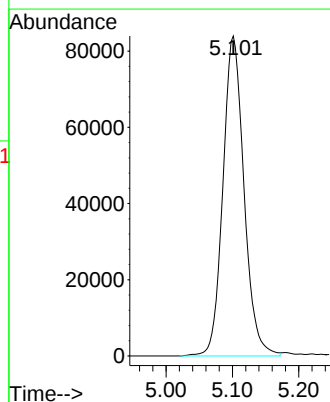
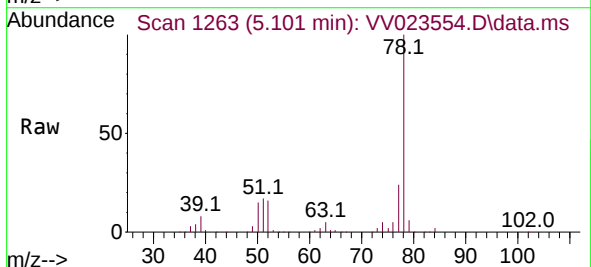
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

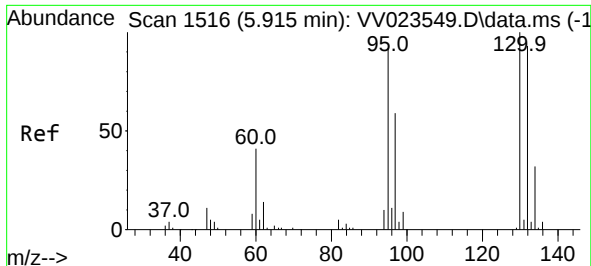
Tgt Ion:117 Resp: 65887
Ion Ratio Lower Upper
117 100
119 94.5 78.8 118.2



#33
Benzene
Concen: 5.145 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 78 Resp: 185311



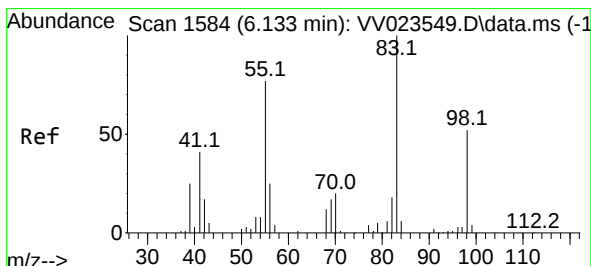
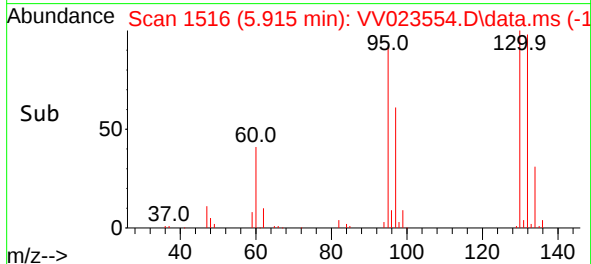
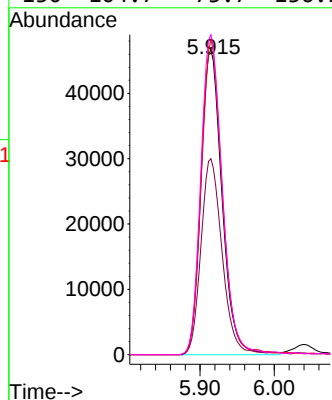
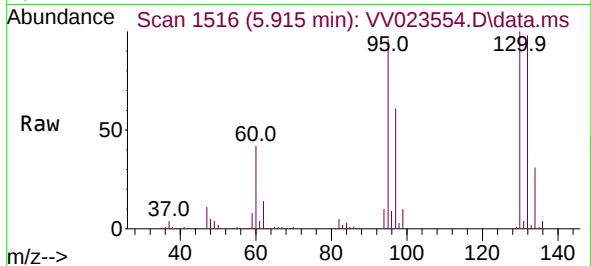


#34
Trichloroethene
Concen: 9.596 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Tgt Ion: 95 Resp: 91907

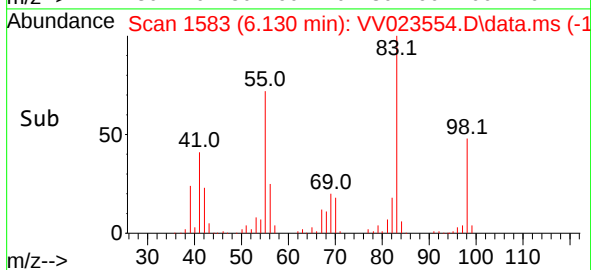
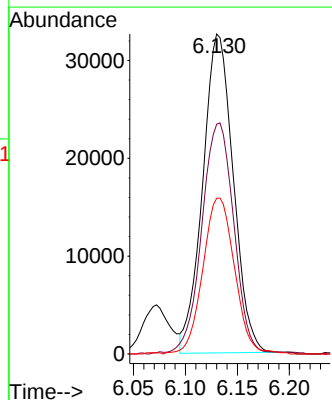
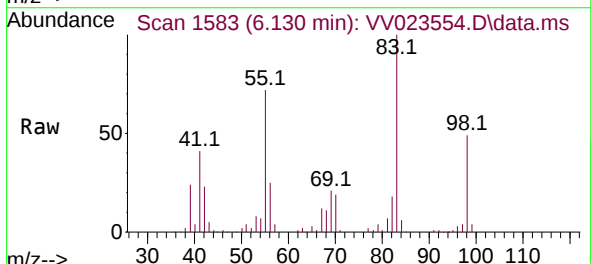
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.0	83.6
132	103.1	69.7	129.4
130	104.7	73.7	136.9

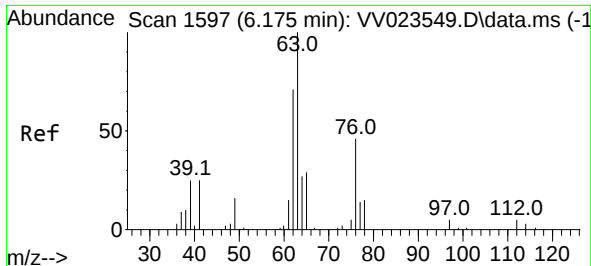


#35
Methylcyclohexane
Concen: 4.411 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 83 Resp: 66689

Ion	Ratio	Lower	Upper
83	100		
55	76.4	62.8	94.2
98	50.8	37.9	56.9





#37

1,2-Dichloropropane

Concen: 4.576 ug/L

RT: 6.175 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

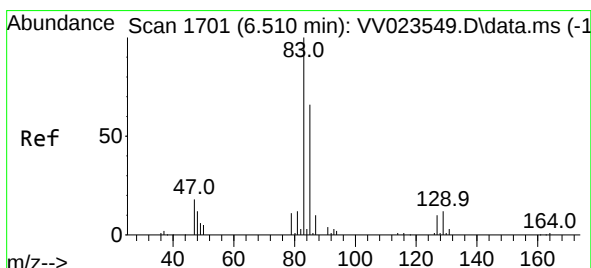
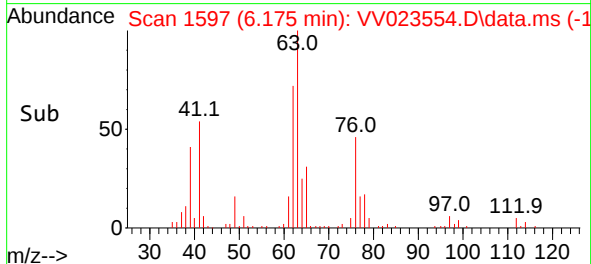
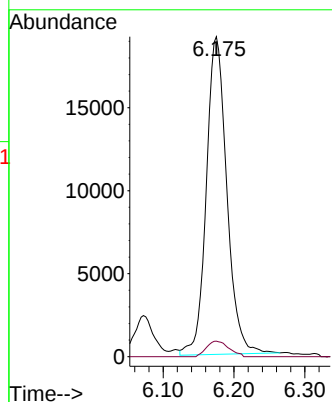
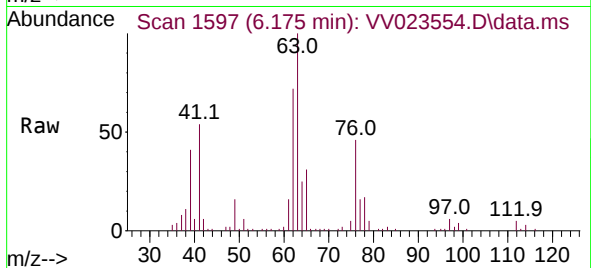
H4637MSD

Tgt Ion: 63 Resp: 38478

Ion Ratio Lower Upper

63 100

112 5.3 4.6 6.8



#38

Bromodichloromethane

Concen: 4.696 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

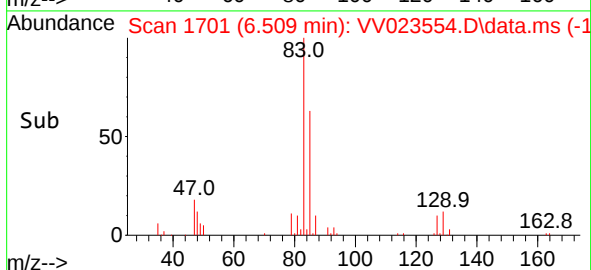
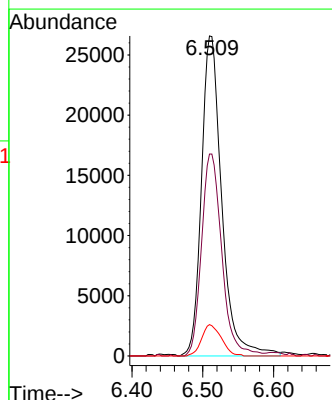
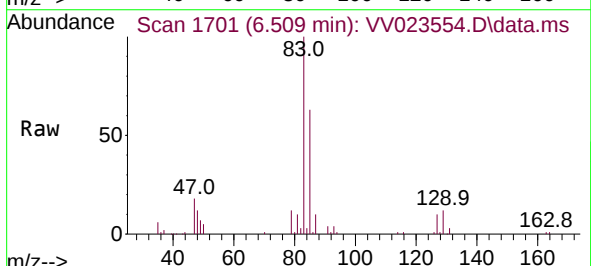
Tgt Ion: 83 Resp: 52915

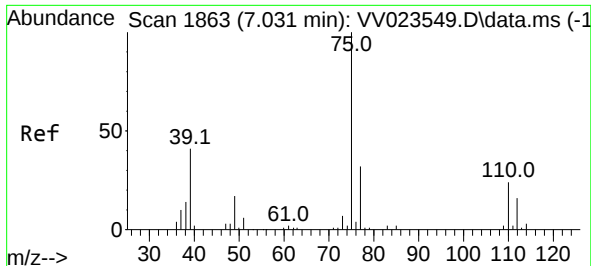
Ion Ratio Lower Upper

83 100

85 63.1 46.1 85.7

127 9.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.454 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

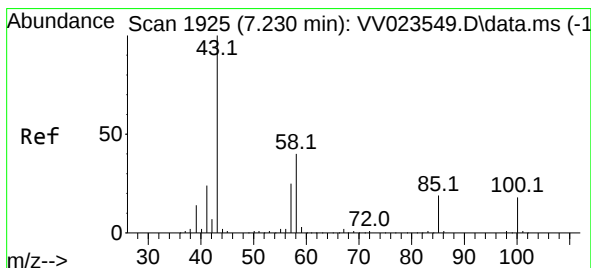
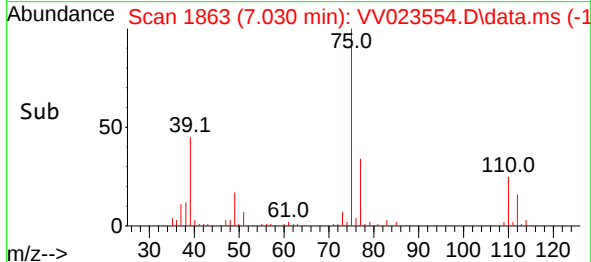
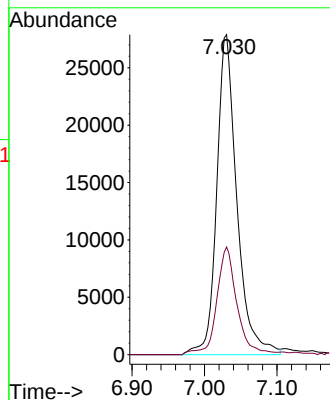
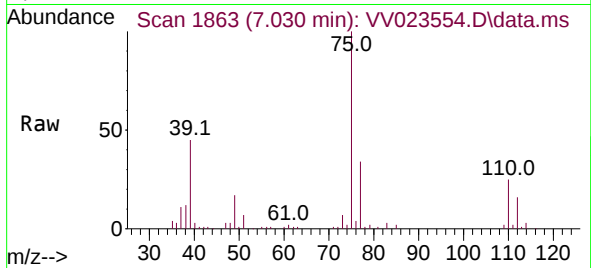
H4637MSD

Tgt Ion: 75 Resp: 53867

Ion Ratio Lower Upper

75 100

77 33.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 53.077 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

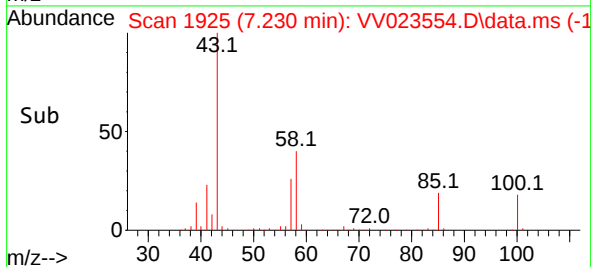
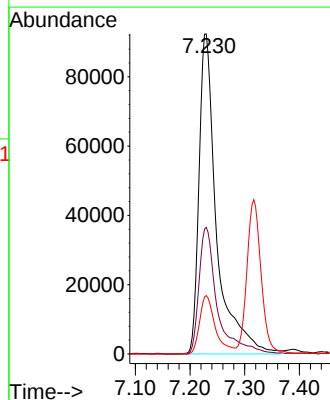
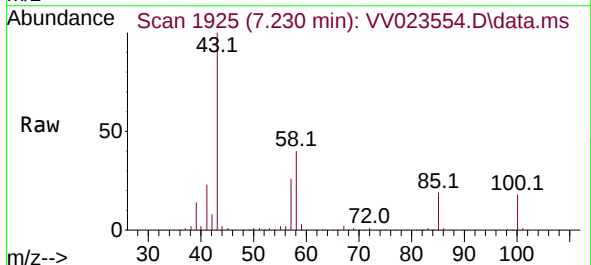
Tgt Ion: 43 Resp: 206980

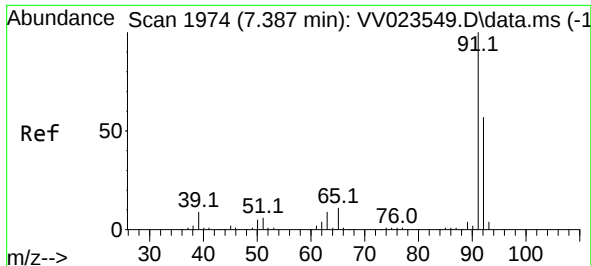
Ion Ratio Lower Upper

43 100

58 40.9 31.1 46.7

100 16.3 12.6 19.0





#42

Toluene

Concen: 5.151 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

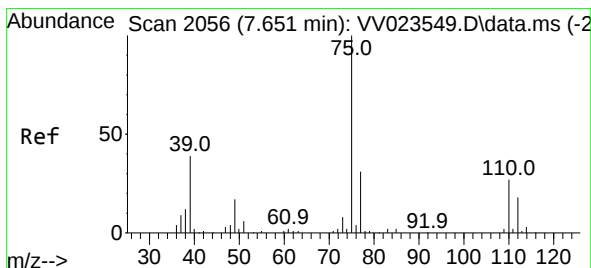
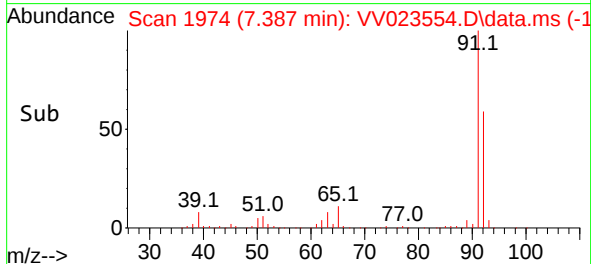
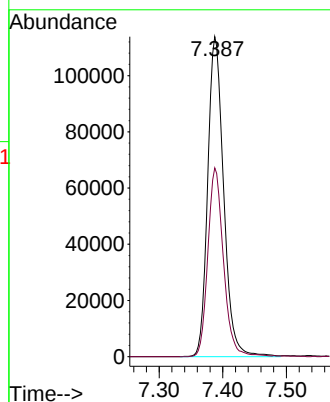
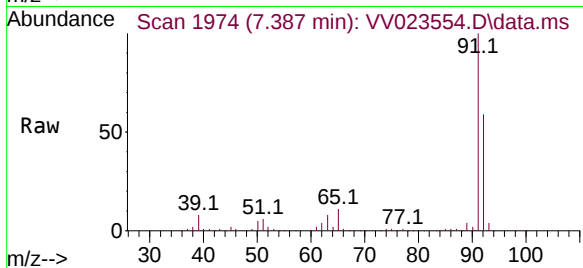
H4637MSD

Tgt Ion: 91 Resp: 198429

Ion Ratio Lower Upper

91 100

92 59.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.683 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023554.D

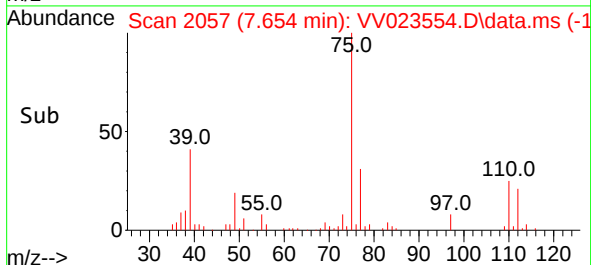
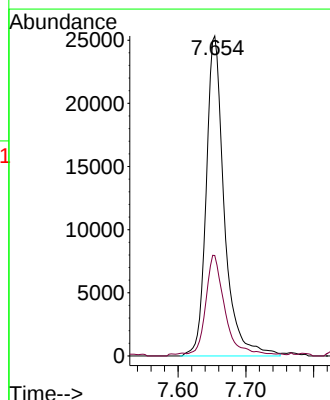
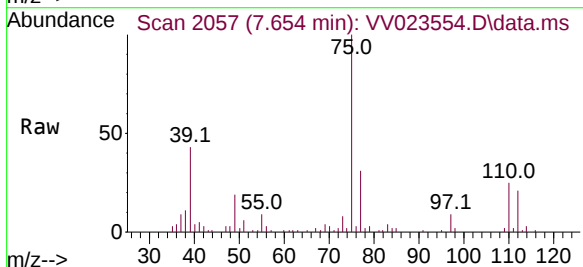
Acq: 16 Nov 2021 23:33

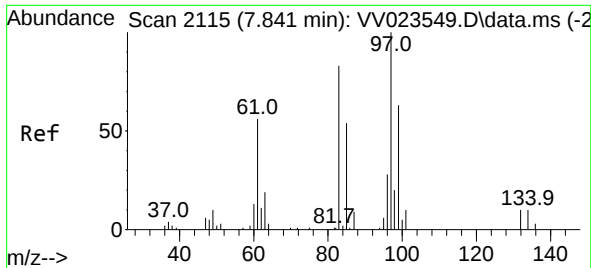
Tgt Ion: 75 Resp: 46992

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7

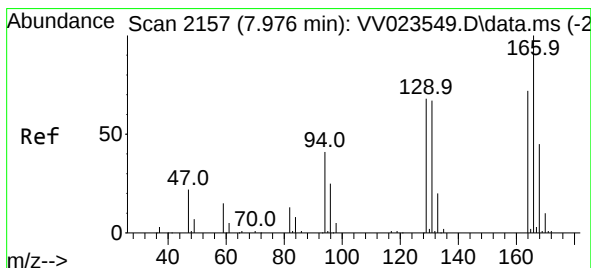
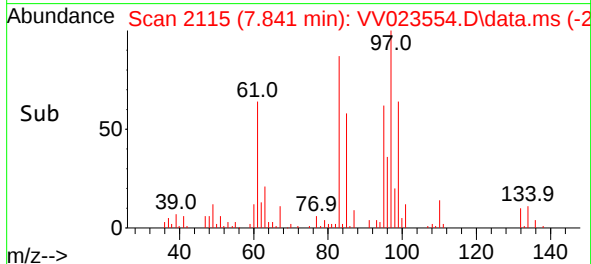
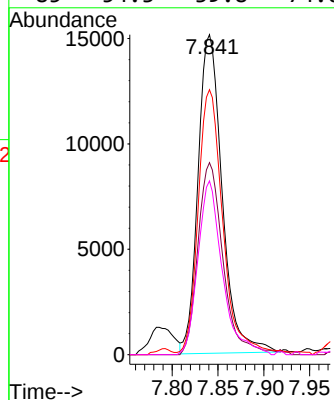
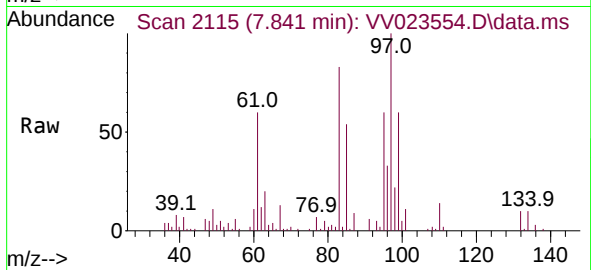




#45
1,1,2-Trichloroethane
Concen: 4.585 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

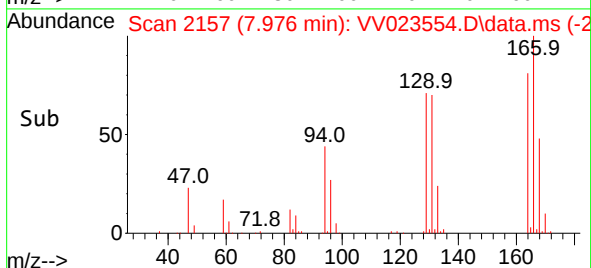
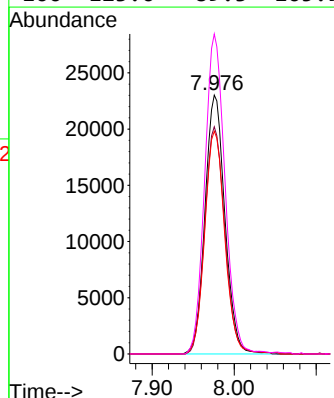
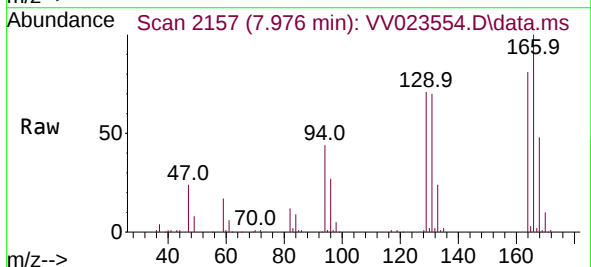
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

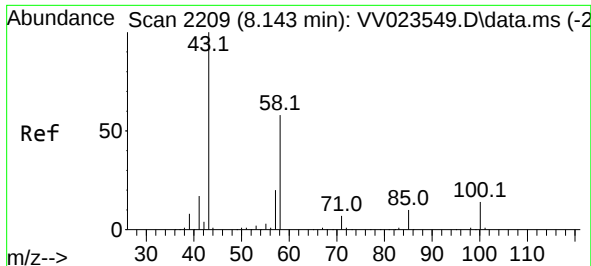
Tgt Ion:	97	Resp:	27698
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.6	81.0
83	82.8	58.4	108.4
85	54.3	39.8	74.0



#47
Tetrachloroethene
Concen: 4.697 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion:	164	Resp:	38987
Ion	Ratio	Lower	Upper
164	100		
129	87.8	64.0	119.0
131	86.1	63.4	117.8
166	123.6	89.3	165.9



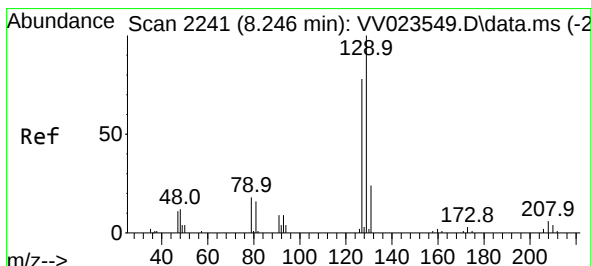
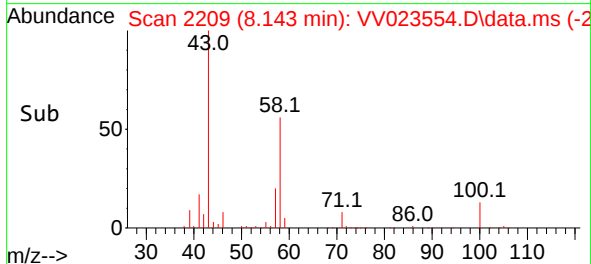
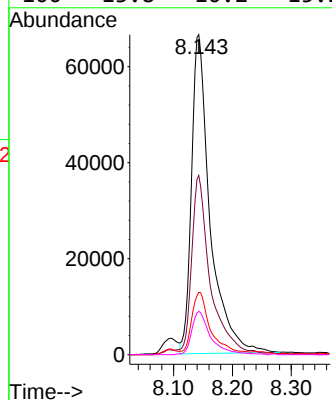
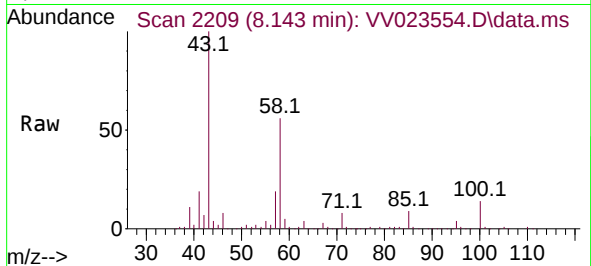


#48
2-Hexanone
Concen: 53.376 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Tgt Ion: 43 Resp: 145850

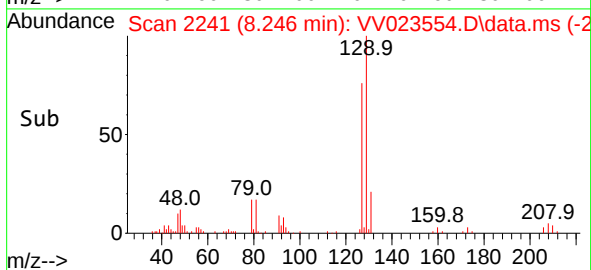
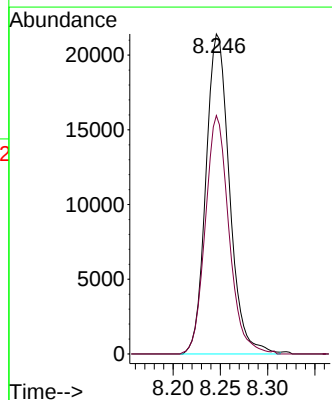
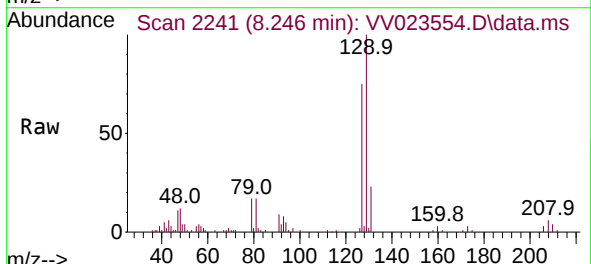
Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.7	65.5
57	20.1	14.1	21.1
100	13.8	10.2	15.2

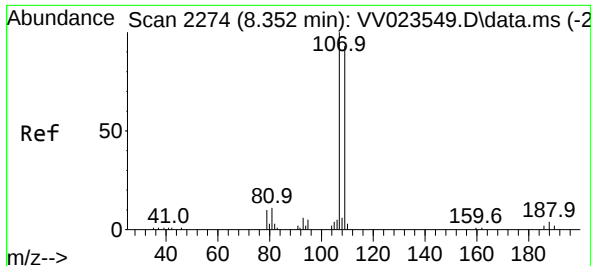


#49
Dibromochloromethane
Concen: 4.864 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 129 Resp: 37236

Ion	Ratio	Lower	Upper
129	100		
127	74.5	54.7	101.7





#50

1,2-Dibromoethane

Concen: 4.729 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

H4637MSD

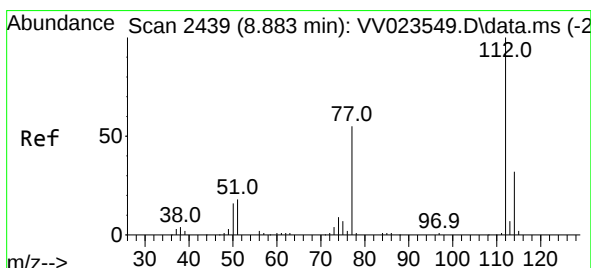
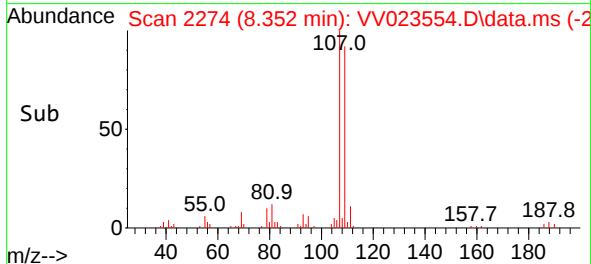
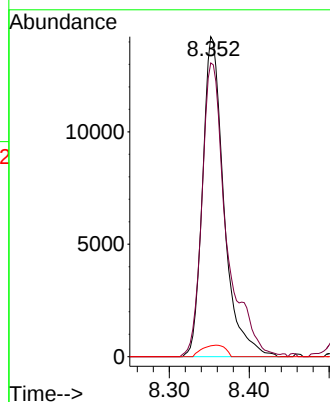
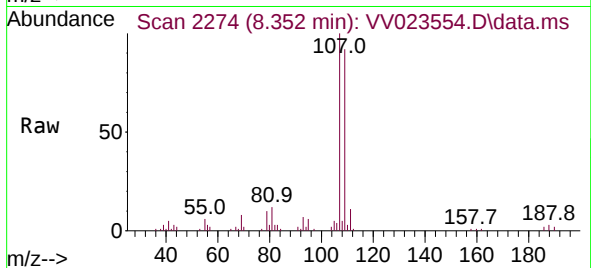
Tgt Ion:107 Resp: 26476

Ion Ratio Lower Upper

107 100

109 91.8 64.7 120.1

188 3.4 3.6 5.4#



#51

Chlorobenzene

Concen: 4.687 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

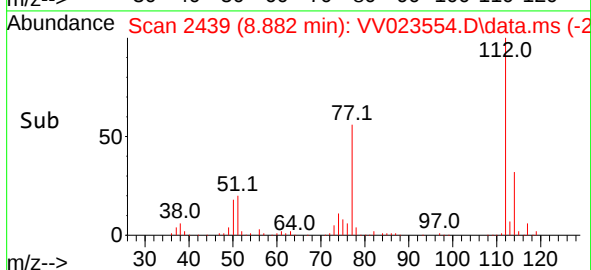
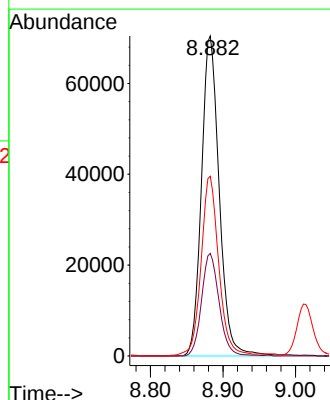
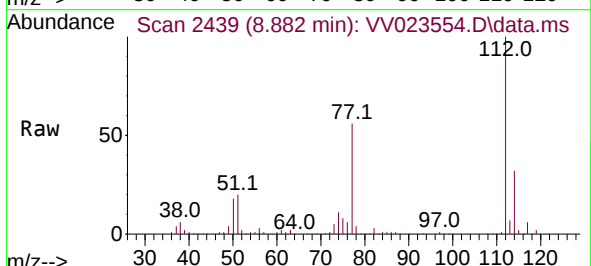
Tgt Ion:112 Resp: 120007

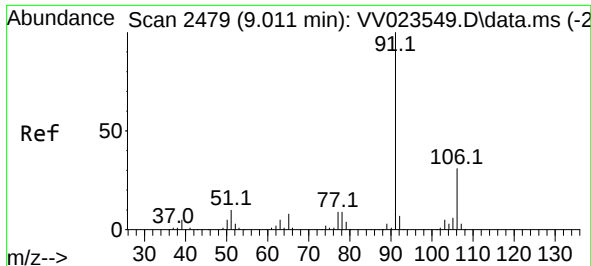
Ion Ratio Lower Upper

112 100

114 32.1 22.0 40.8

77 56.1 44.4 66.6

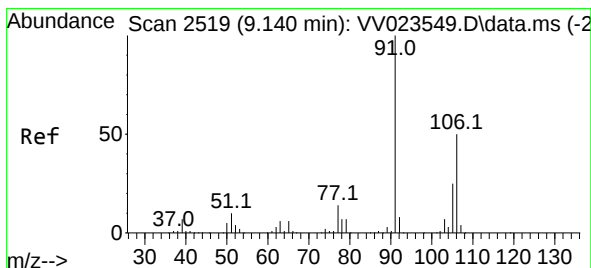
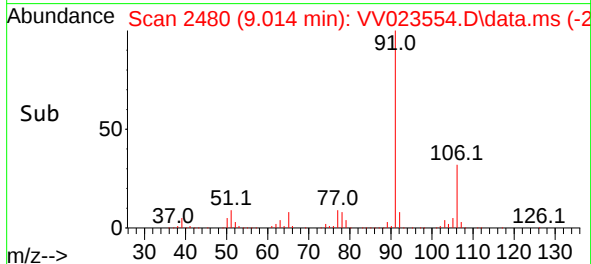
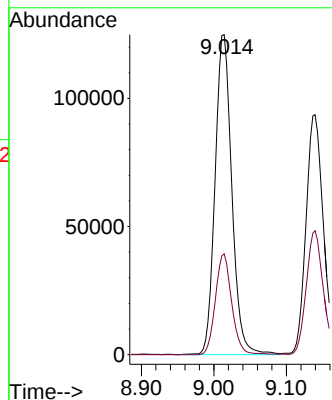
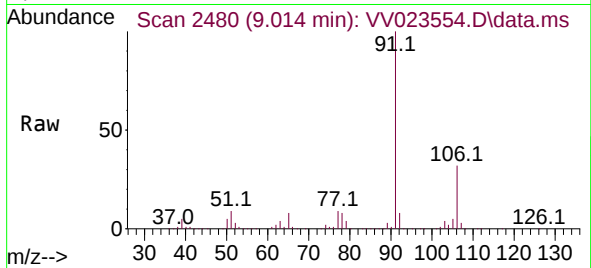




#52
Ethylbenzene
Concen: 4.936 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

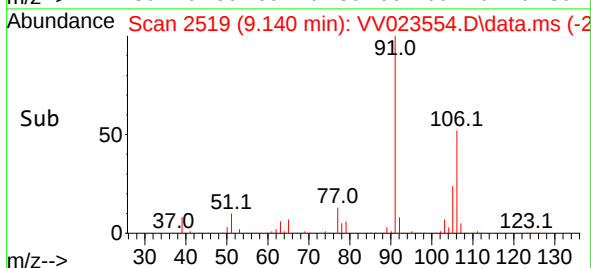
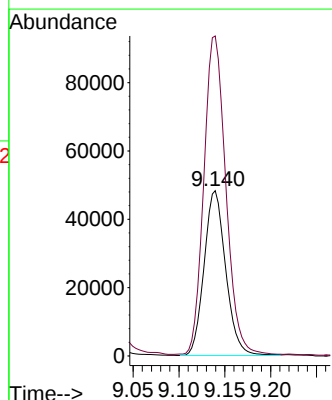
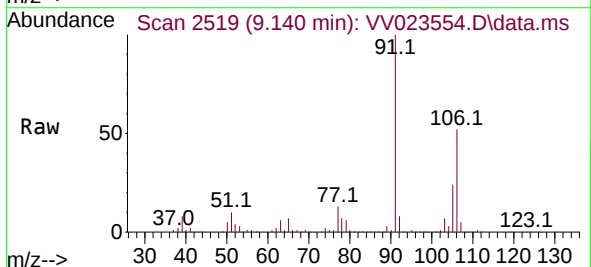
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

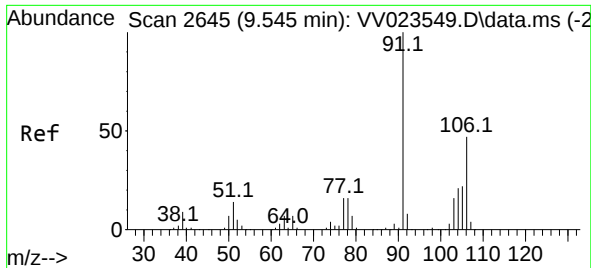
Tgt Ion: 91 Resp: 200531
Ion Ratio Lower Upper
91 100
106 31.5 22.5 41.9



#53
m,p-xylene
Concen: 4.953 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 106 Resp: 78971
Ion Ratio Lower Upper
106 100
91 193.7 137.2 254.8

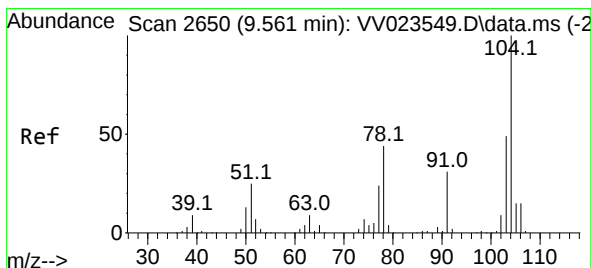
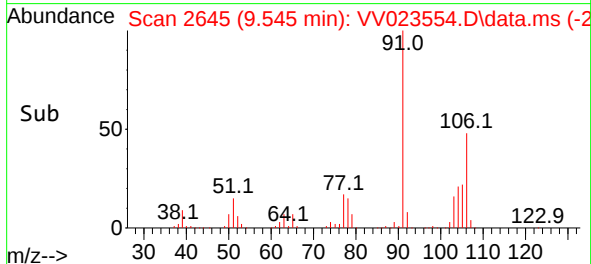
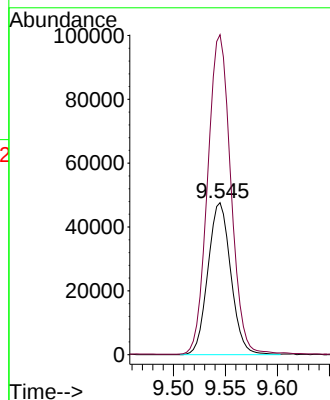
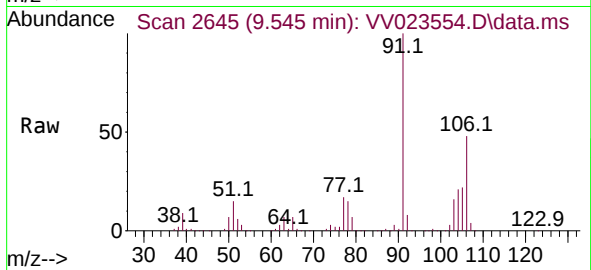




#54
o-xylene
Concen: 4.873 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

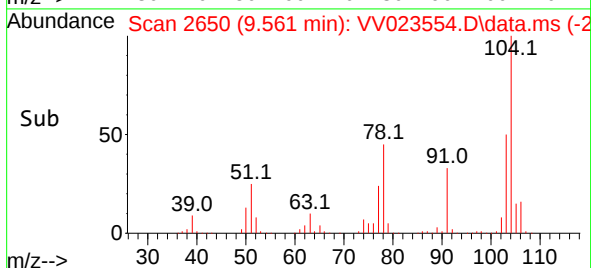
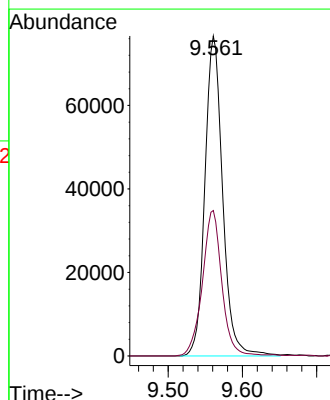
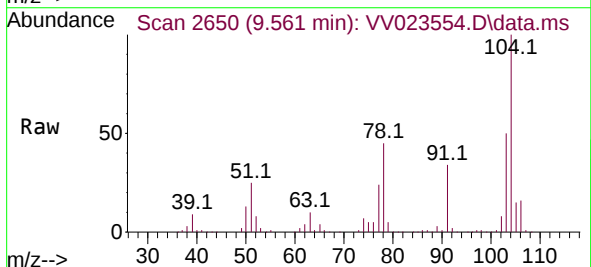
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

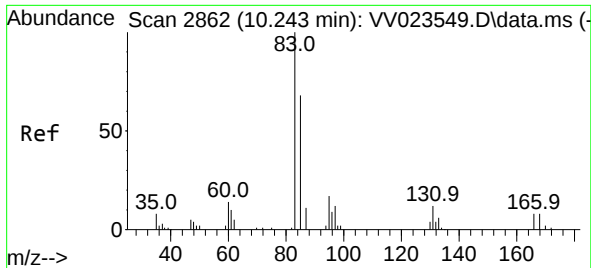
Tgt Ion:106 Resp: 72892
Ion Ratio Lower Upper
106 100
91 210.5 148.3 275.5



#55
Styrene
Concen: 4.957 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion:104 Resp: 127027
Ion Ratio Lower Upper
104 100
78 45.5 29.3 54.3

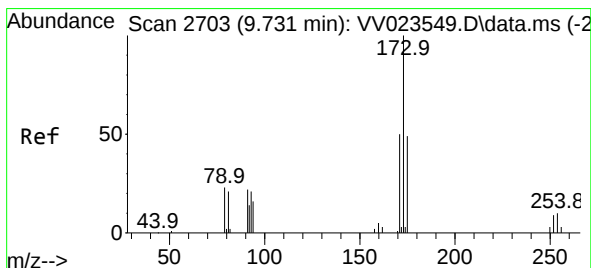
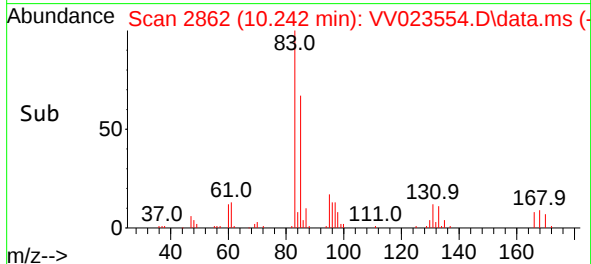
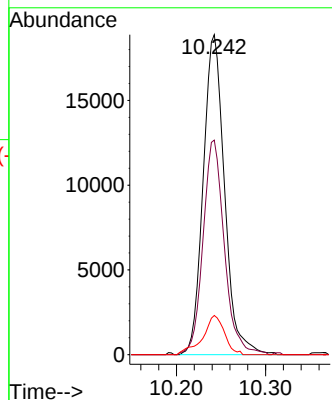
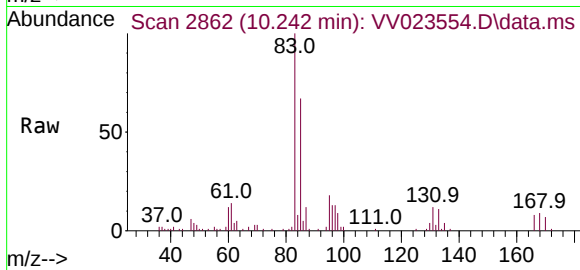




#57
1,1,2,2-Tetrachloroethane
Concen: 4.747 ug/L
RT: 10.242 min Scan# 2142
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

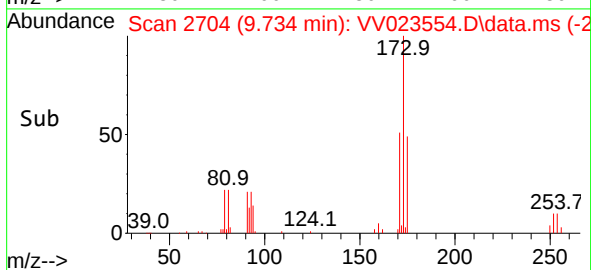
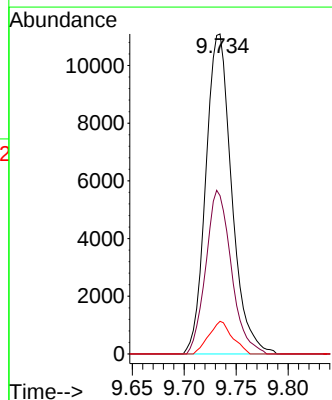
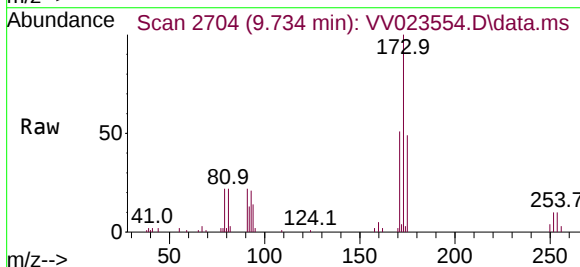
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

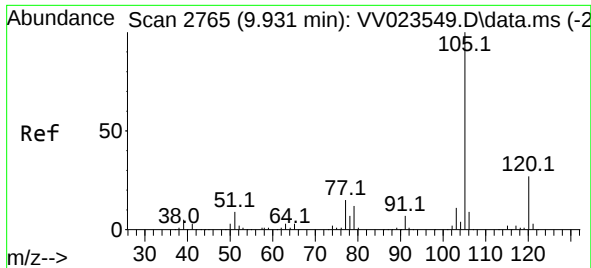
Tgt Ion: 83 Resp: 31422
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.9
131 12.3 7.8 11.6#



#59
Bromoform
Concen: 4.630 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 173 Resp: 19190
Ion Ratio Lower Upper
173 100
175 50.4 38.2 57.2
254 9.2 6.2 9.2

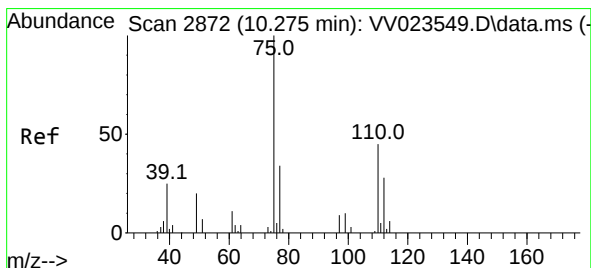
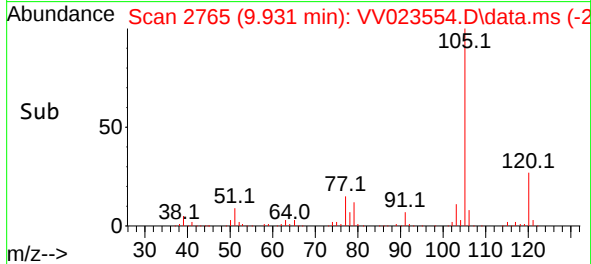
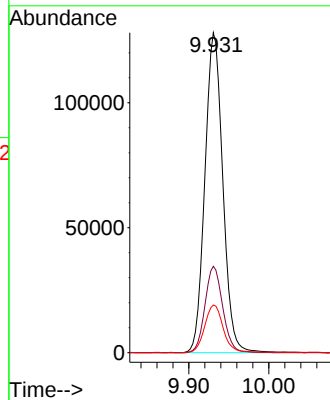
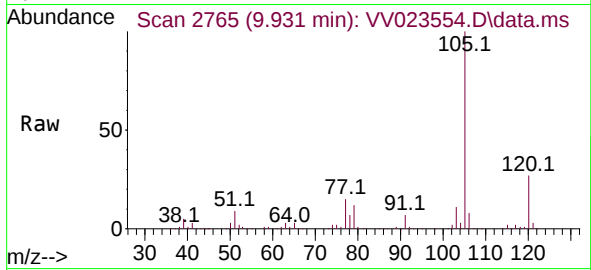




#60
Isopropylbenzene
Concen: 5.019 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

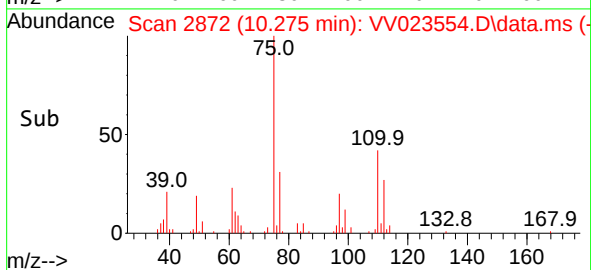
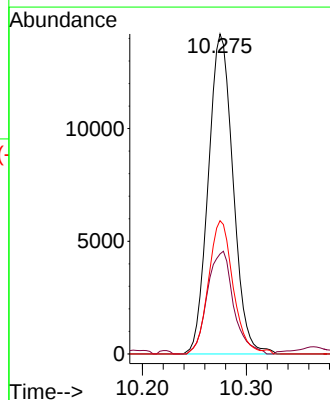
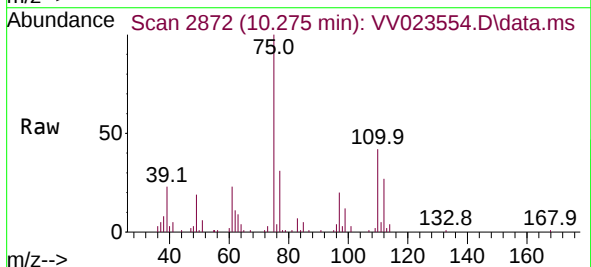
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

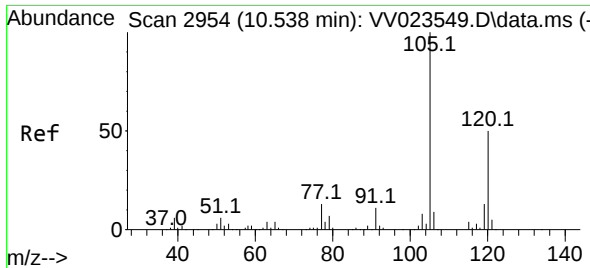
Tgt Ion:105 Resp: 199850
Ion Ratio Lower Upper
105 100
120 26.8 21.7 32.5
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.099 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 75 Resp: 23506
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8
110 41.5 31.8 47.6

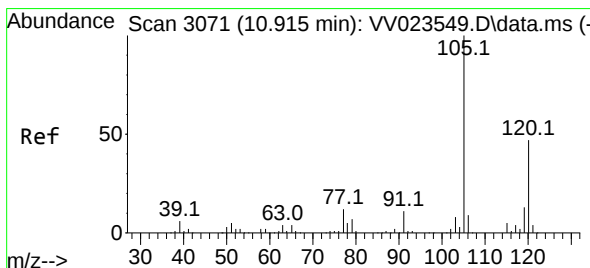
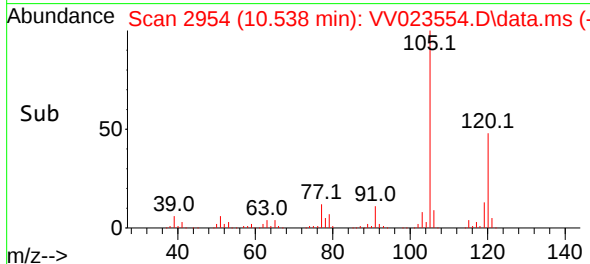
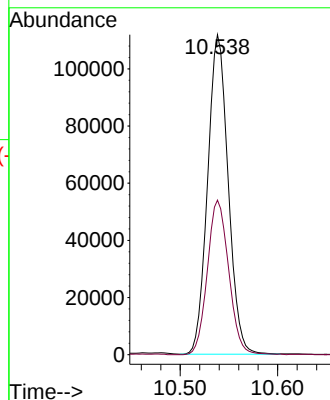
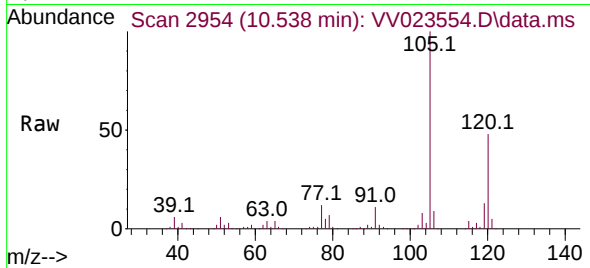




#62
 1,3,5-Trimethylbenzene
 Concen: 4.971 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

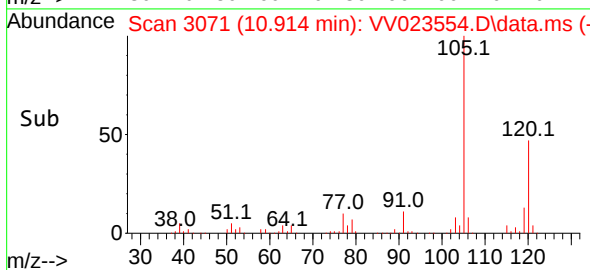
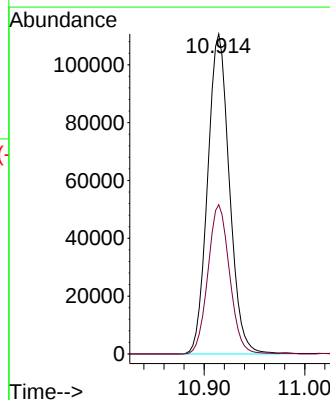
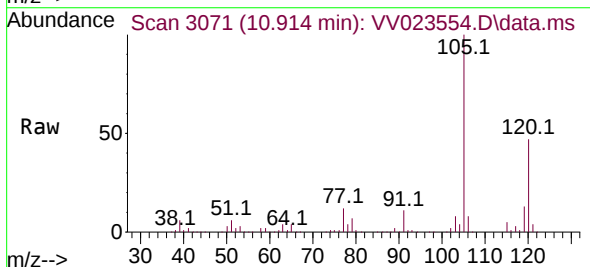
Instrument :
 MSVOA_V
 ClientSampleId :
 H4637MSD

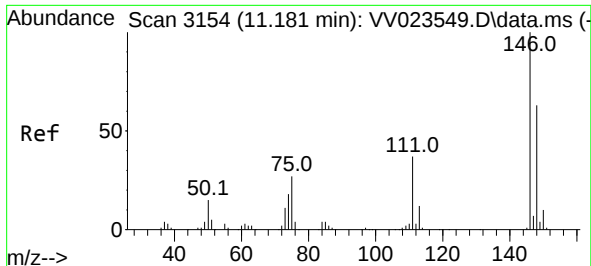
Tgt Ion:105 Resp: 164140
 Ion Ratio Lower Upper
 105 100
 120 50.2 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.067 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023554.D
 Acq: 16 Nov 2021 23:33

Tgt Ion:105 Resp: 166498
 Ion Ratio Lower Upper
 105 100
 120 46.4 37.4 56.2

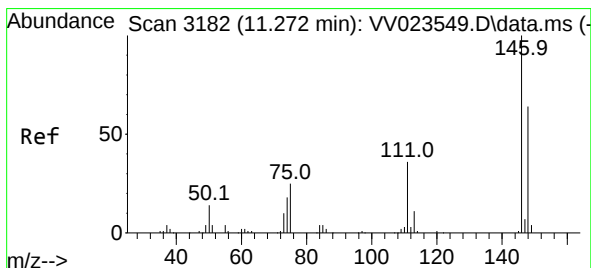
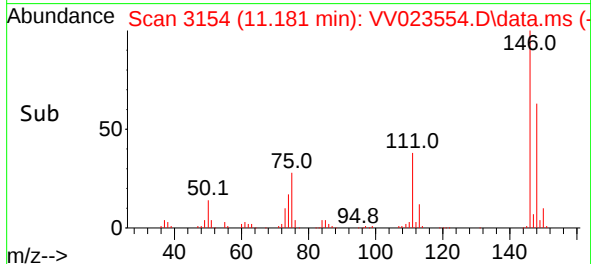
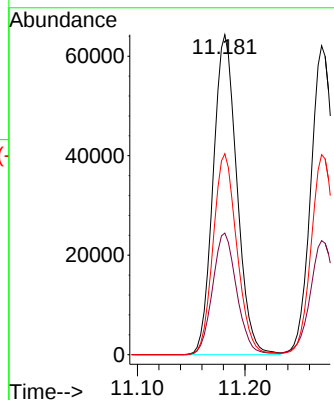
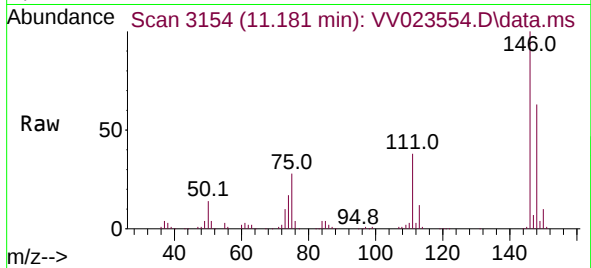




#64
1,3-Dichlorobenzene
Concen: 4.855 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

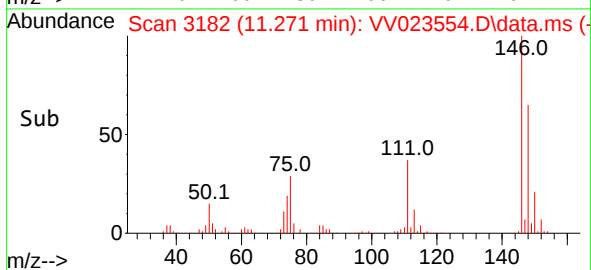
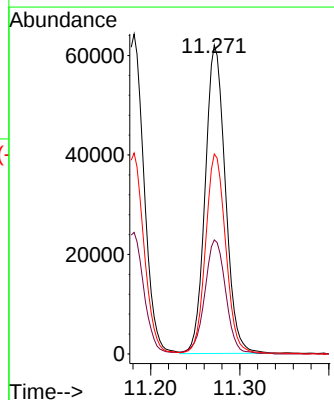
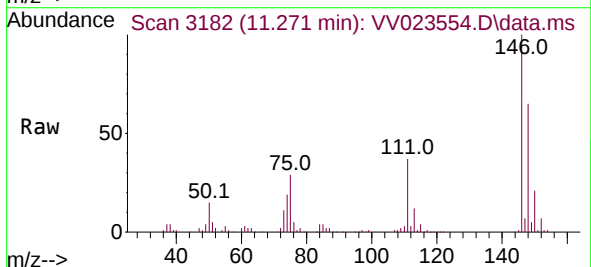
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

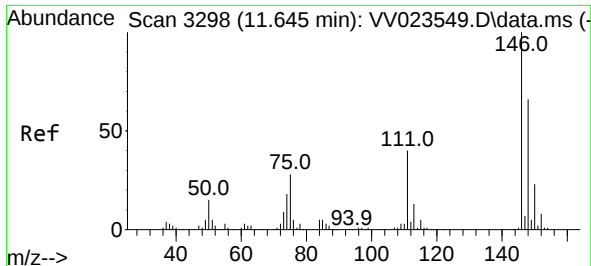
Tgt Ion:146 Resp: 98773
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 62.8 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.687 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion:146 Resp: 97394
Ion Ratio Lower Upper
146 100
111 36.9 26.2 48.8
148 64.7 44.4 82.5

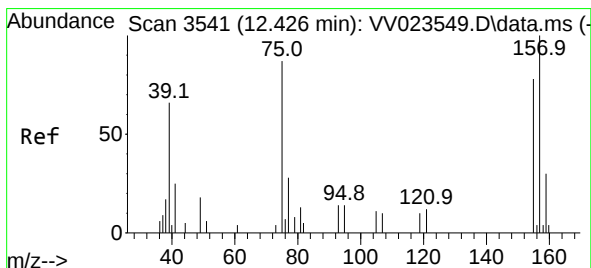
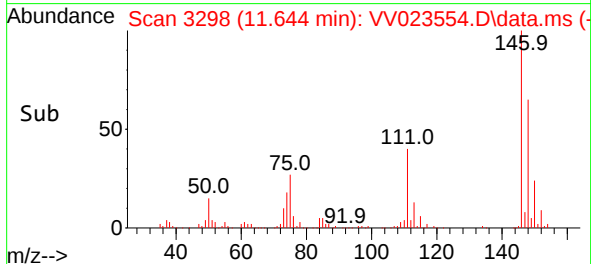
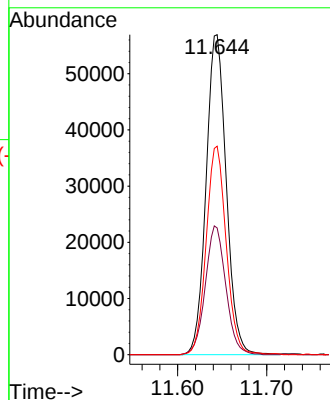
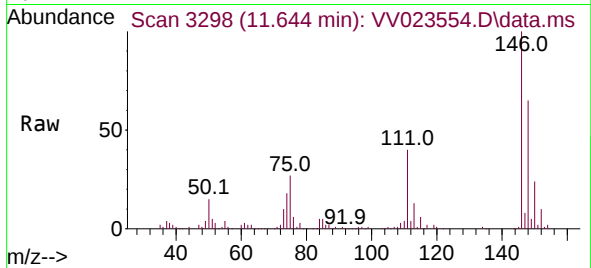




#67
1,2-Dichlorobenzene
Concen: 4.921 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

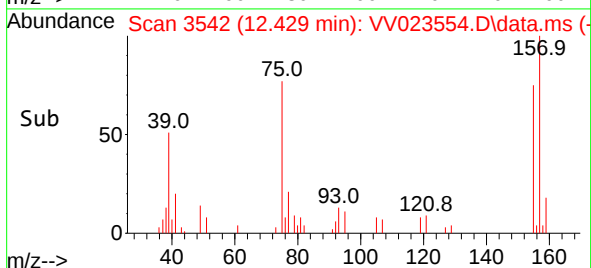
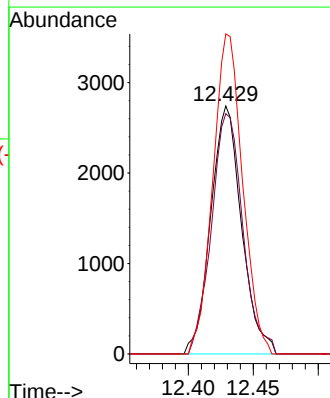
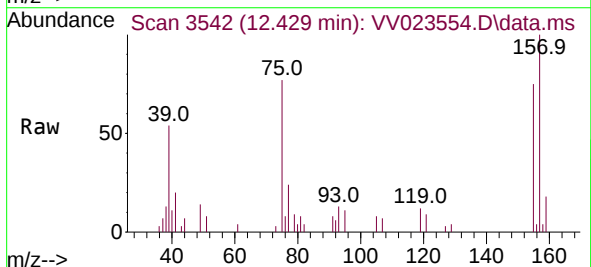
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

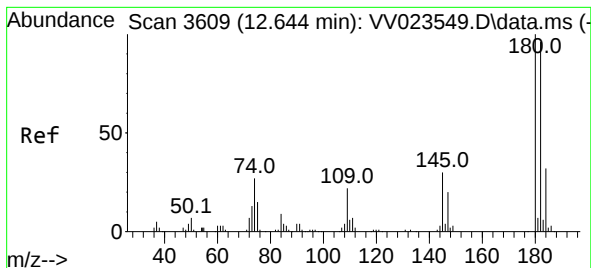
Tgt Ion:146 Resp: 89584
Ion Ratio Lower Upper
146 100
111 39.6 31.6 47.4
148 65.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.595 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV023554.D
Acq: 16 Nov 2021 23:33

Tgt Ion: 75 Resp: 4512
Ion Ratio Lower Upper
75 100
155 96.9 67.7 101.5
157 129.0 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.773 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

H4637MSD

Tgt Ion:180 Resp: 76039

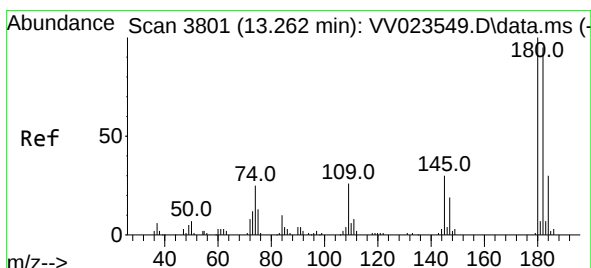
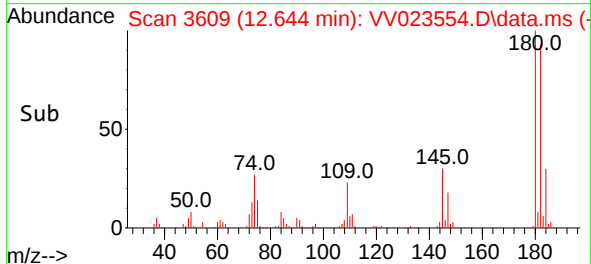
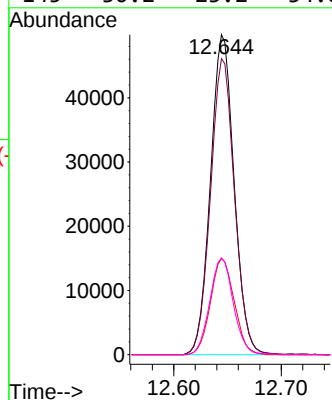
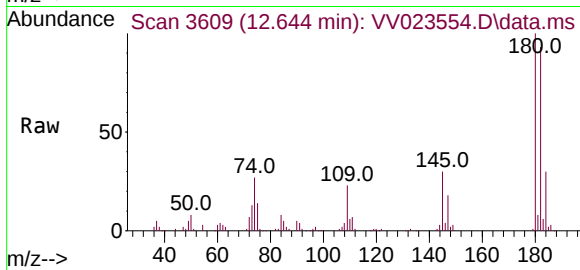
Ion Ratio Lower Upper

180 100

182 93.9 74.9 112.3

184 30.2 23.8 35.8

145 30.2 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.778 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

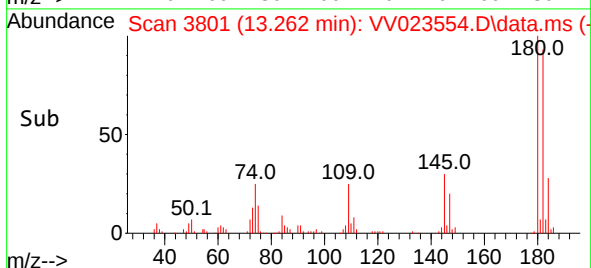
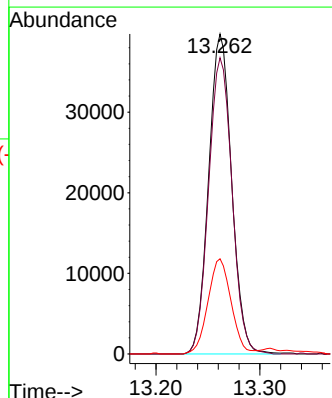
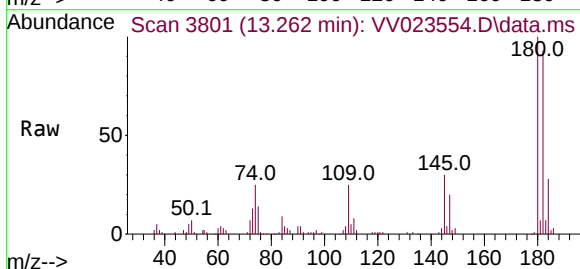
Tgt Ion:180 Resp: 60955

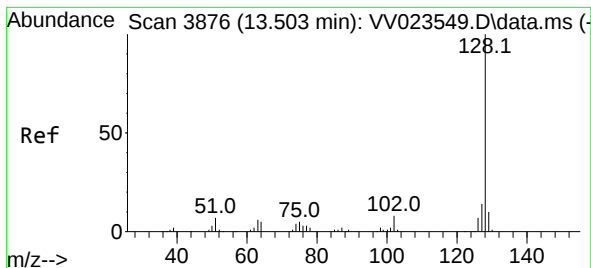
Ion Ratio Lower Upper

180 100

182 94.3 76.9 115.3

145 29.9 24.4 36.6





#71

Naphthalene

Concen: 4.683 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Instrument :

MSVOA_V

ClientSampleId :

H4637MSD

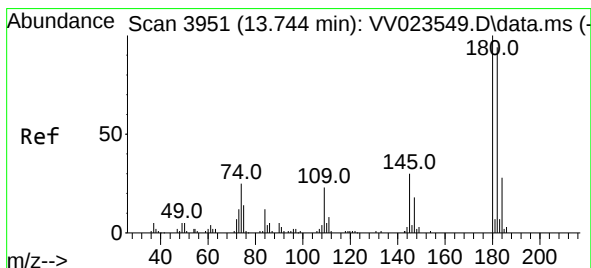
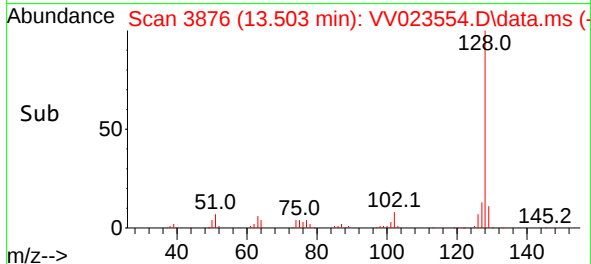
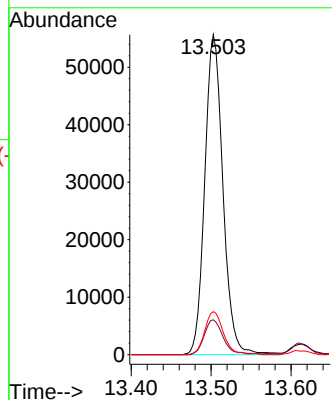
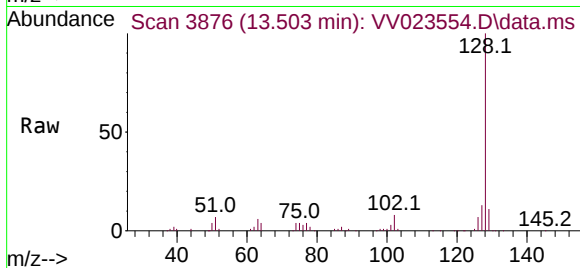
Tgt Ion:128 Resp: 88097

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

127 13.7 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.125 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023554.D

Acq: 16 Nov 2021 23:33

Tgt Ion:180 Resp: 57207

Ion Ratio Lower Upper

180 100

182 94.5 76.7 115.1

145 36.0 25.7 38.5

