

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110521\
 Data File : VV023271.D
 Acq On : 06 Nov 2021 06:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:51:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136208	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41332	4.844	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.571	69	36110	5.192	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.114	63	80454	5.037	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.800%	
20) 2-Butanone-d5	3.896	46	96644	74.964	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	149.920%#	
24) Chloroform-d	4.352	84	91476	5.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.037	65	42693	5.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.053	84	174978	5.040	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	6.072	67	53333	5.219	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.317	98	166917	5.131	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
43) trans-1,3-Dichloroprop...	7.625	79	18944	4.889	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.800%	
46) 2-Hexanone-d5	8.088	63	78651	55.165	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.320%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38544	5.245	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	62959	4.935	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	64771	4.877	ug/L	100
3) Chloromethane	1.243	50	57994	5.136	ug/L	98
5) Vinyl chloride	1.314	62	58967	5.229	ug/L	100
6) Bromomethane	1.523	94	27187	3.771	ug/L	99
8) Chloroethane	1.587	64	35283	5.421	ug/L	98
9) Trichlorofluoromethane	1.757	101	86781	5.121	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	44404	5.205	ug/L	100
12) 1,1-Dichloroethene	2.124	96	42993	5.293	ug/L	94
13) Acetone	2.185	43	56550	59.336	ug/L	82
14) Carbon disulfide	2.298	76	148145	4.833	ug/L	100
15) Methyl Acetate	2.442	43	15141	4.154	ug/L	92
16) Methylene chloride	2.510	84	49784	4.200	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	90992	5.089	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	50281	5.036	ug/L	97
19) 1,1-Dichloroethane	3.195	63	87262	5.176	ug/L	98
21) 2-Butanone	3.979	43	91448	74.308	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	51623	5.372	ug/L	97
23) Bromochloromethane	4.252	128	22708	5.125	ug/L	96
25) Chloroform	4.378	83	91033	5.066	ug/L	96

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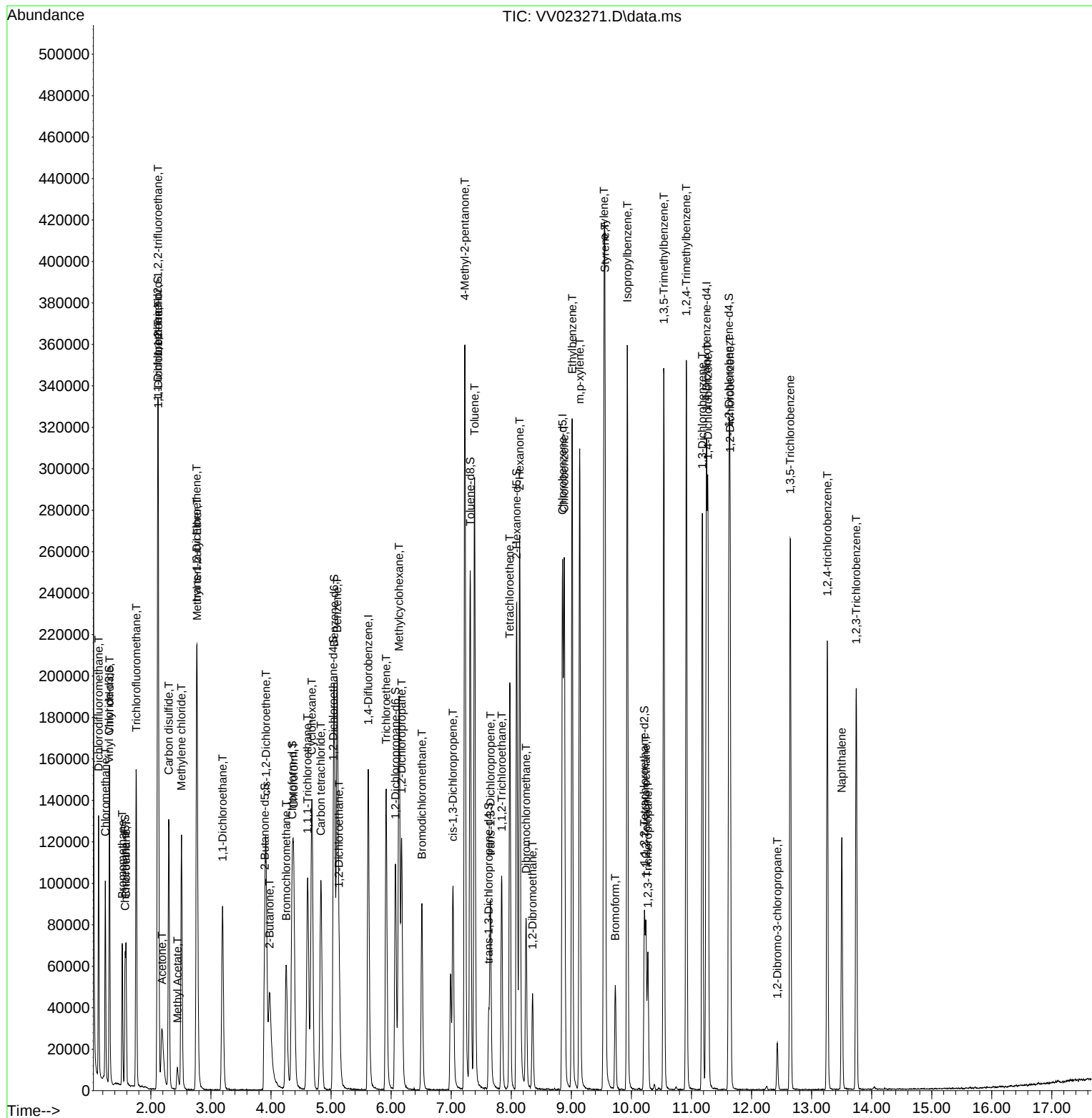
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	48333	5.057	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	82415	5.015	ug/L	99
30) Cyclohexane	4.680	56	73578	4.997	ug/L	98
31) Carbon tetrachloride	4.831	117	76104	5.157	ug/L	98
33) Benzene	5.101	78	198085	5.238	ug/L	100
34) Trichloroethene	5.918	95	50523	5.024	ug/L	96
35) Methylcyclohexane	6.133	83	77784	4.900	ug/L	99
37) 1,2-Dichloropropane	6.175	63	45329	5.134	ug/L	99
38) Bromodichloromethane	6.513	83	59671	5.043	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	61688	4.858	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	228680	55.848	ug/L	98
42) Toluene	7.387	91	218077	5.391	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	53320	5.061	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	32096	5.060	ug/L	95
47) Tetrachloroethene	7.976	164	44454	5.100	ug/L	98
48) 2-Hexanone	8.140	43	166857	56.816	ug/L	98
49) Dibromochloromethane	8.246	129	41690	5.187	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29577	5.031	ug/L	97
51) Chlorobenzene	8.882	112	136422	5.074	ug/L	98
52) Ethylbenzene	9.014	91	220822	5.176	ug/L	99
53) m,p-xylene	9.140	106	87011	5.197	ug/L	99
54) o-xylene	9.545	106	82479	5.251	ug/L	100
55) Styrene	9.561	104	145193	5.396	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	36067	5.189	ug/L	100
59) Bromoform	9.731	173	22882	5.000	ug/L	99
60) Isopropylbenzene	9.934	105	223473	5.082	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	25648	5.039	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	182569	5.008	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	185473	5.111	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	114020	5.075	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	111901	4.877	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	100365	4.993	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5627	5.189	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	84601	4.810	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	66167	4.697	ug/L	98
71) Naphthalene	13.503	128	95713	4.608	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59212	4.804	ug/L	99

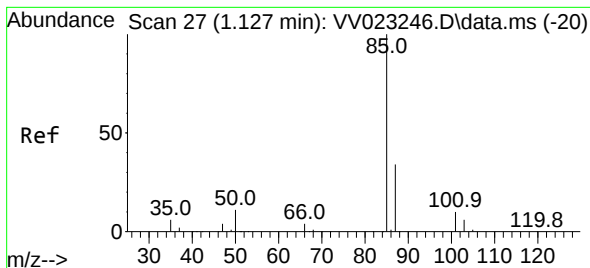
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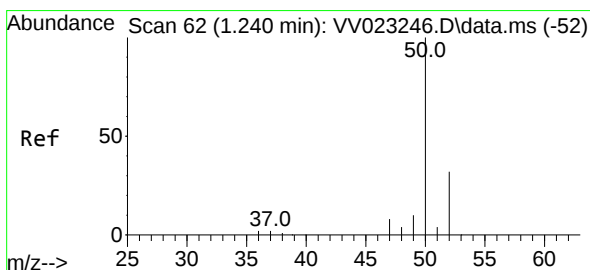
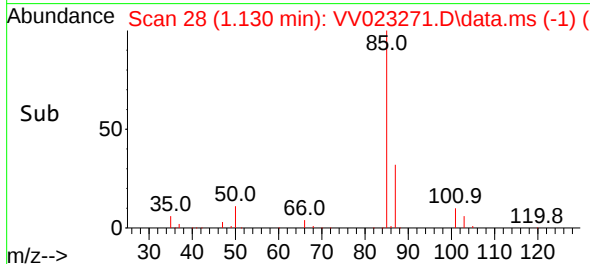
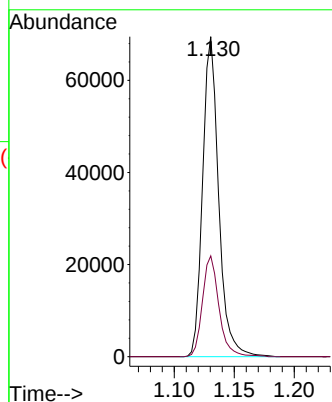
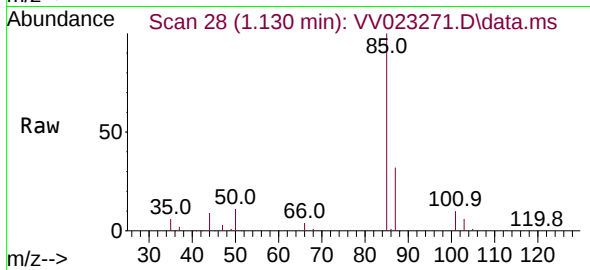




#2
 Dichlorodifluoromethane
 Concen: 4.877 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023271.D
 Acq: 06 Nov 2021 06:47

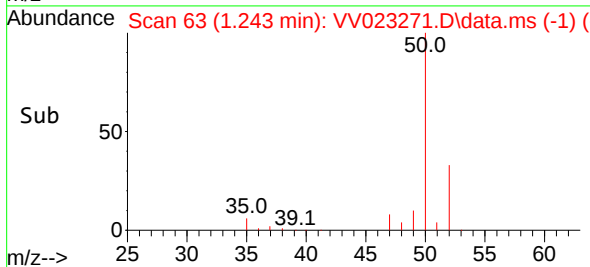
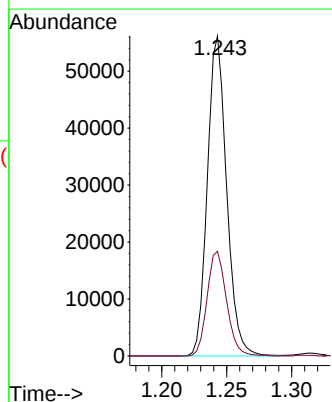
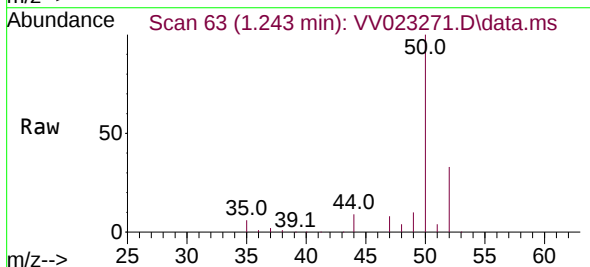
Instrument :
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 ClientSampleId :

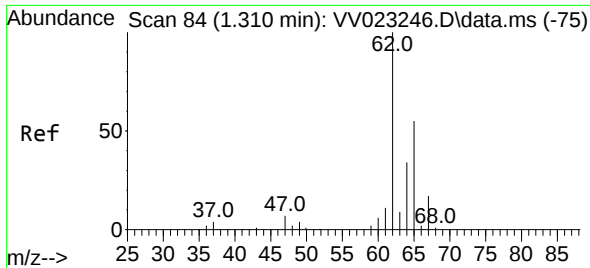
Tgt Ion: 85 Resp: 64771
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.136 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023271.D
 Acq: 06 Nov 2021 06:47

Tgt Ion: 50 Resp: 57994
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9

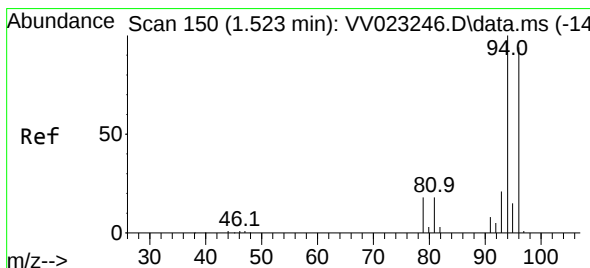
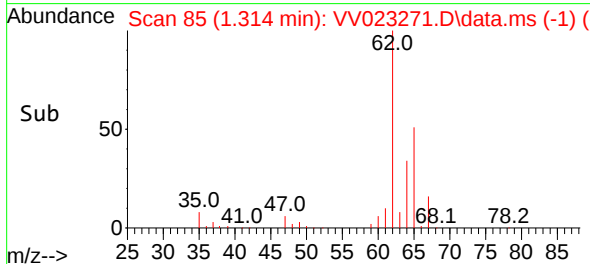
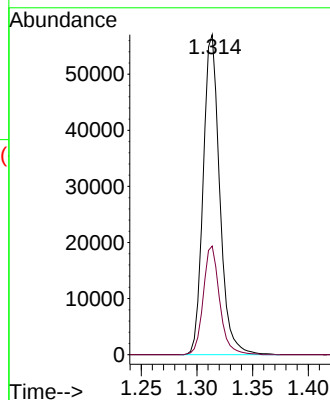
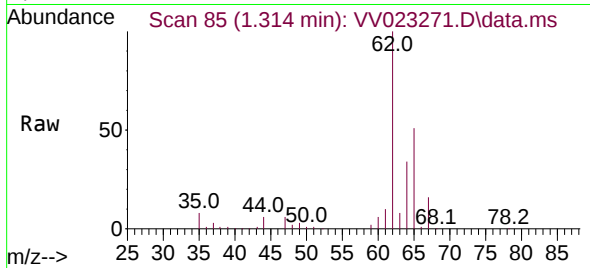




#5
 Vinyl chloride
 Concen: 5.229 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023271.D
 Acq: 06 Nov 2021 06:47

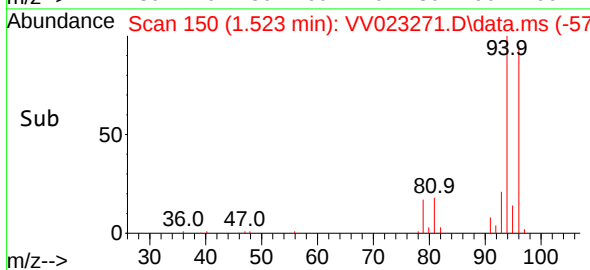
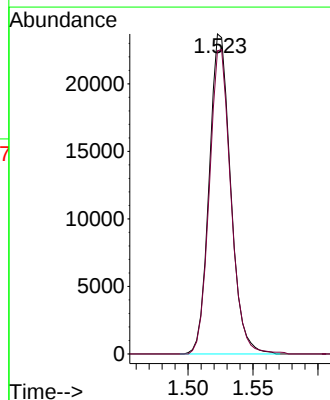
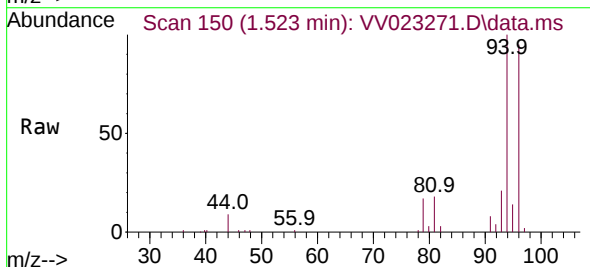
Instrument :
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 ClientSampleId :

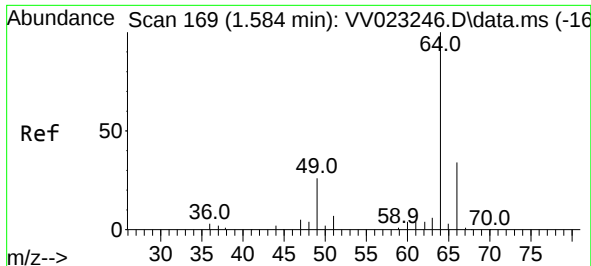
Tgt Ion: 62 Resp: 58967
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.7 43.9



#6
 Bromomethane
 Concen: 3.771 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023271.D
 Acq: 06 Nov 2021 06:47

Tgt Ion: 94 Resp: 27187
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.7 122.1

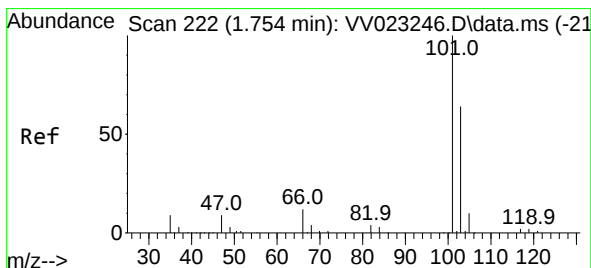
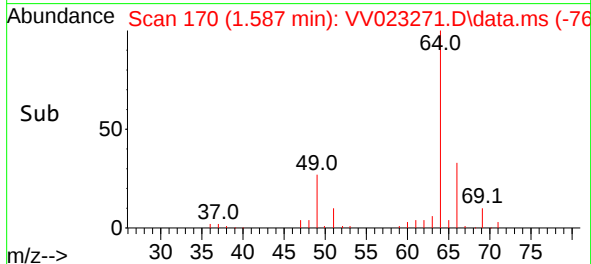
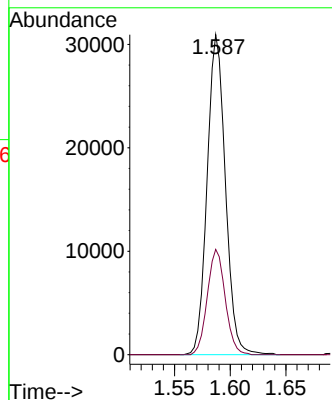
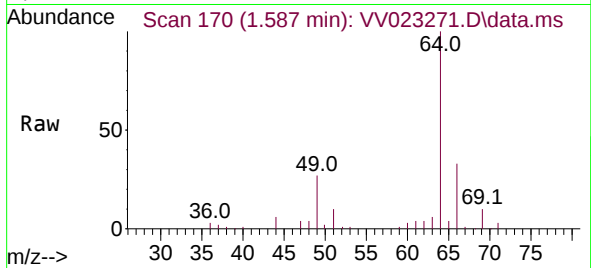




#8
Chloroethane
Concen: 5.421 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

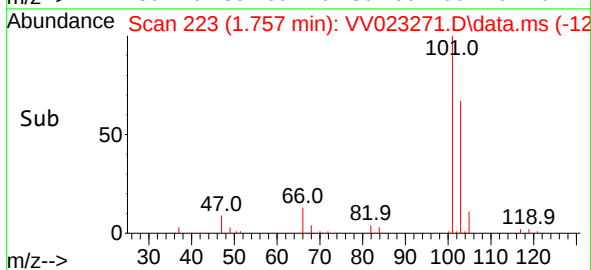
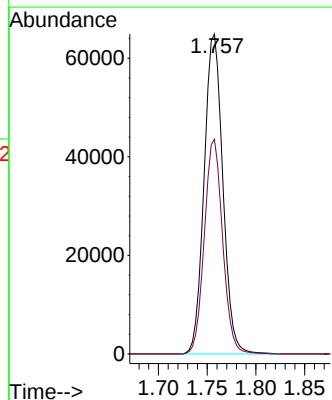
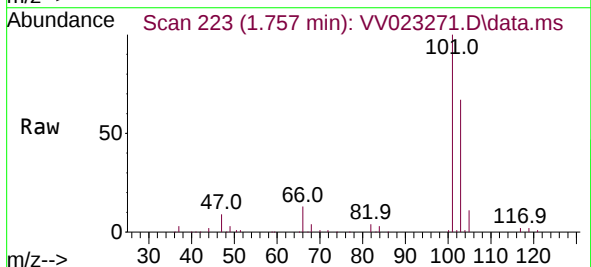
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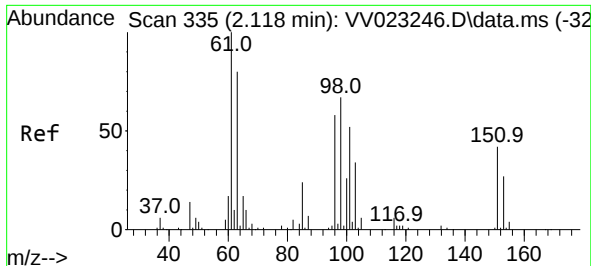
Tgt Ion: 64 Resp: 35283
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.121 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion:101 Resp: 86781
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.205 ug/L

RT: 2.121 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

ClientSampleId :

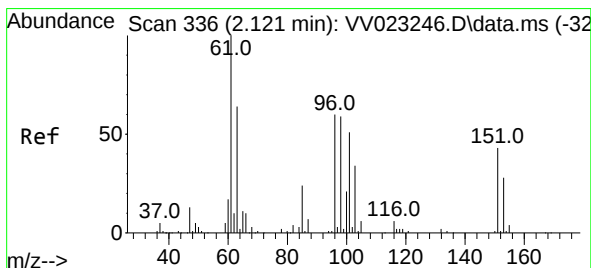
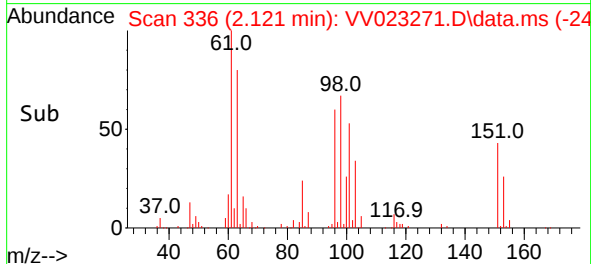
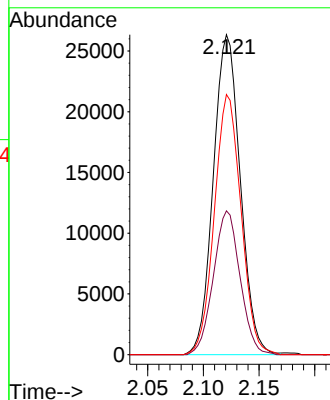
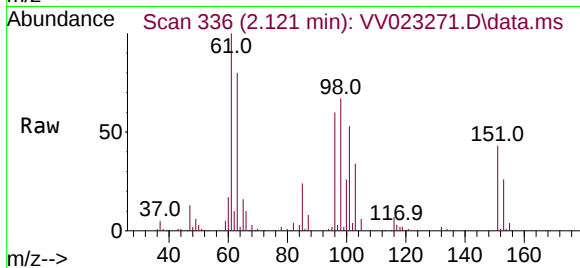
Tgt Ion:101 Resp: 44404

Ion Ratio Lower Upper

101 100

85 44.4 35.4 53.0

151 80.4 64.3 96.5



#12

1,1-Dichloroethene

Concen: 5.293 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.003 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

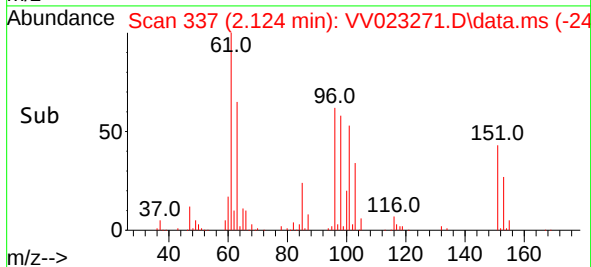
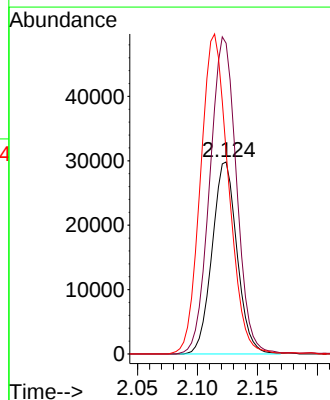
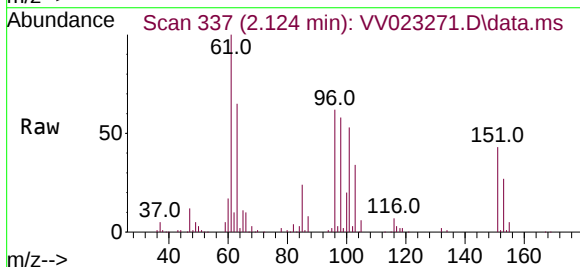
Tgt Ion: 96 Resp: 42993

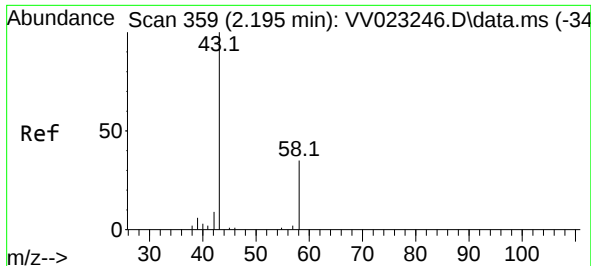
Ion Ratio Lower Upper

96 100

61 161.8 117.7 218.7

63 105.2 80.5 149.5





#13

Acetone

Concen: 59.336 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.010 min

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Instrument :

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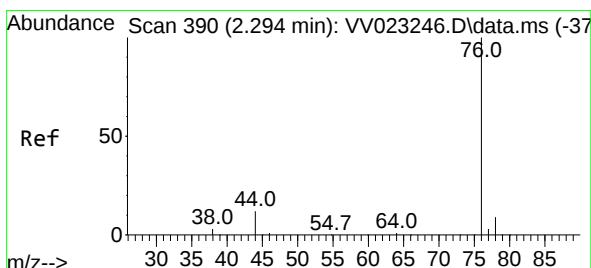
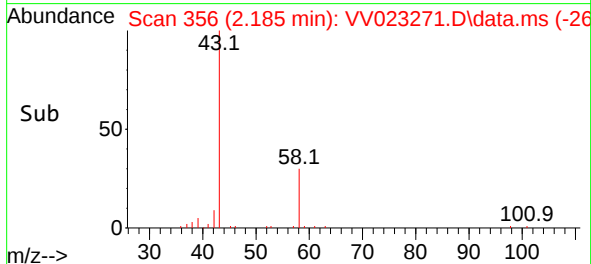
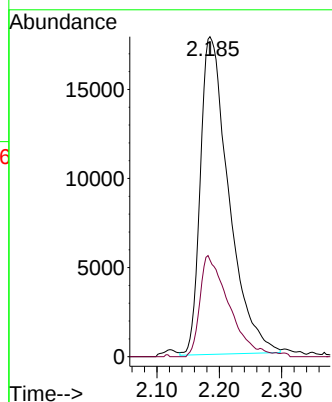
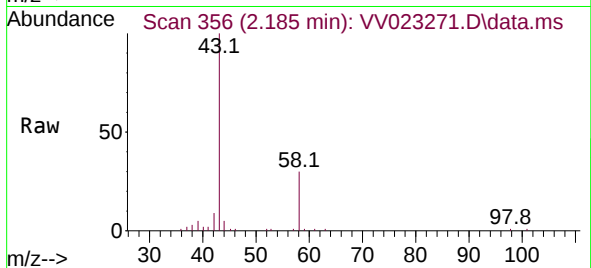
ClientSampleId :

Tgt Ion: 43 Resp: 56550

Ion Ratio Lower Upper

43 100

58 31.5 0.0 45.8



#14

Carbon disulfide

Concen: 4.833 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

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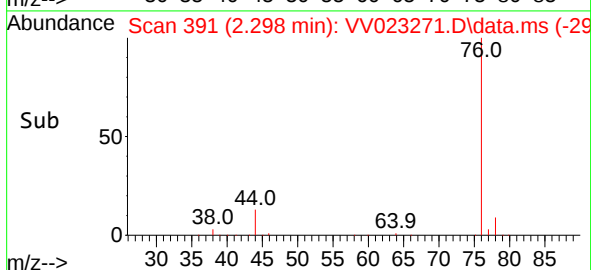
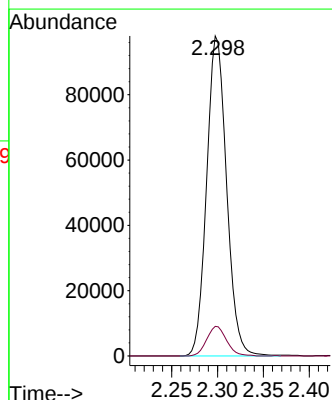
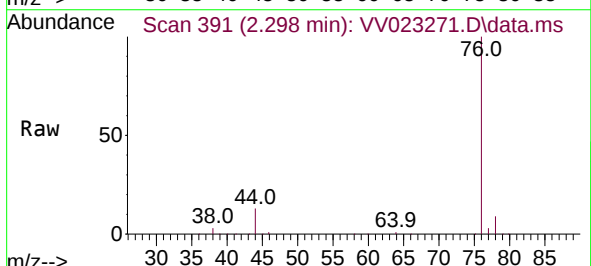
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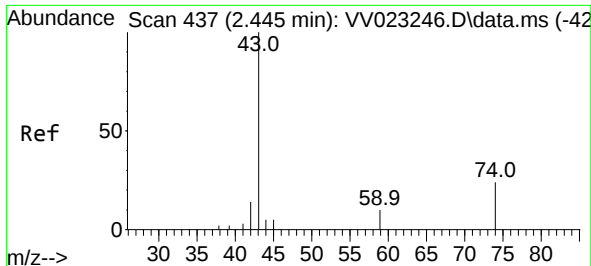
Tgt Ion: 76 Resp: 148145

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

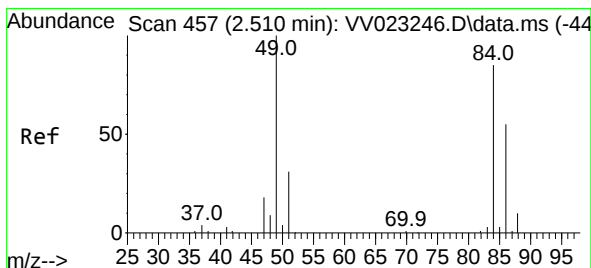
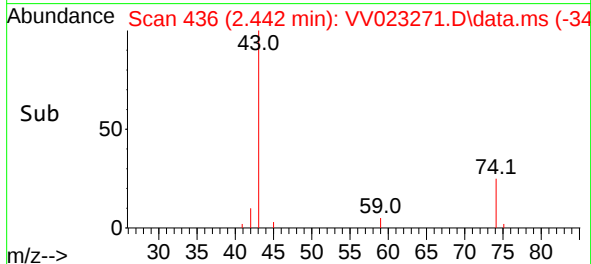
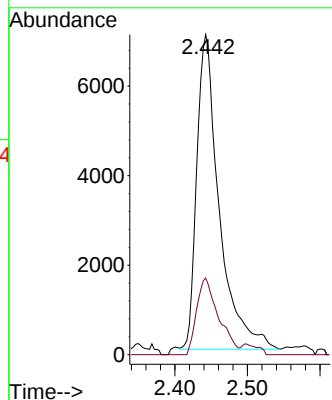
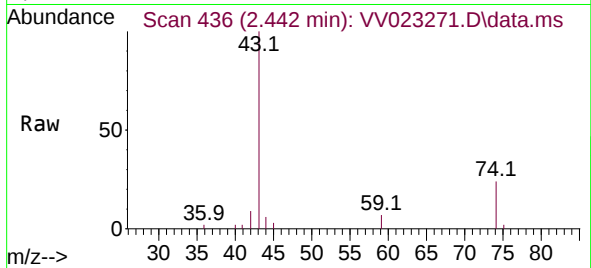




#15
Methyl Acetate
Concen: 4.154 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

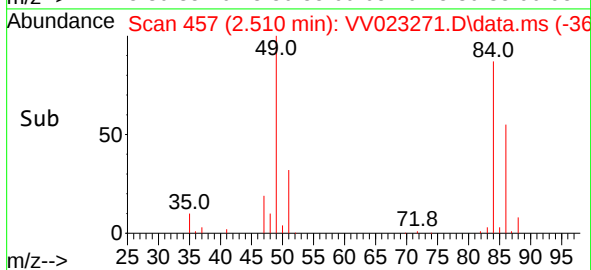
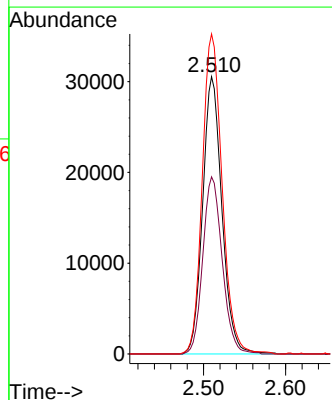
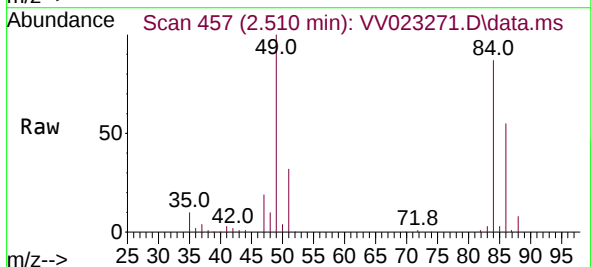
Instrument :
MSVOA_V
ClientSampleId :

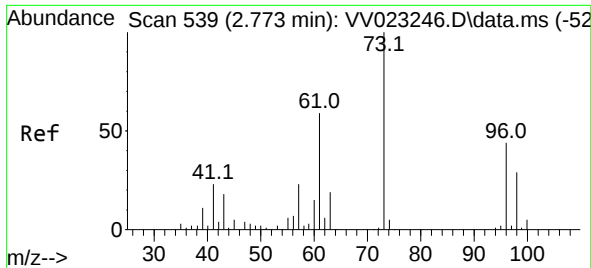
Tgt Ion: 43 Resp: 15141
Ion Ratio Lower Upper
43 100
74 23.7 16.0 24.0



#16
Methylene chloride
Concen: 4.200 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion: 84 Resp: 49784
Ion Ratio Lower Upper
84 100
86 63.9 43.3 80.5
49 115.4 84.1 156.1

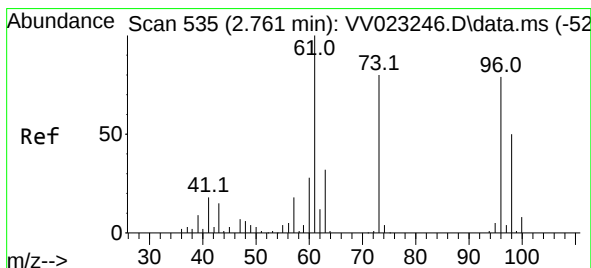
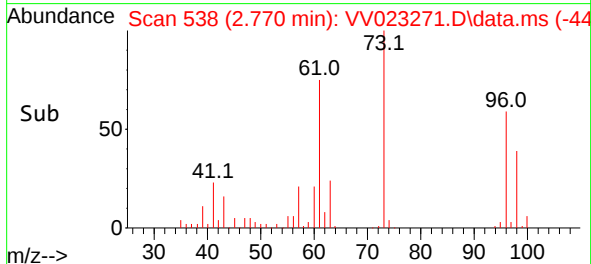
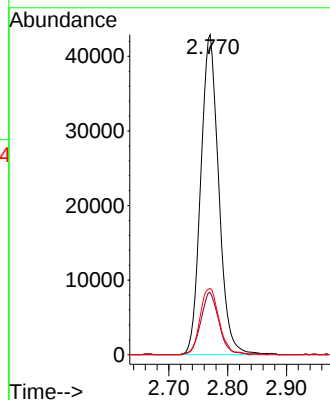
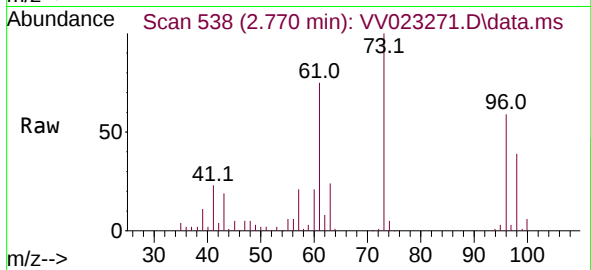




#17
Methyl tert-butyl Ether
Concen: 5.089 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

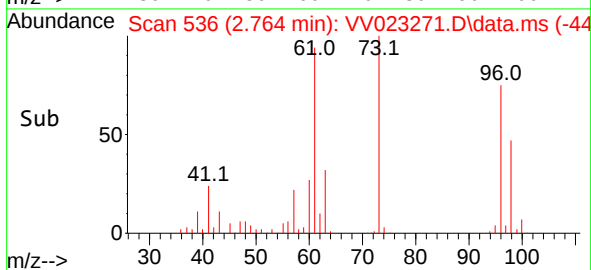
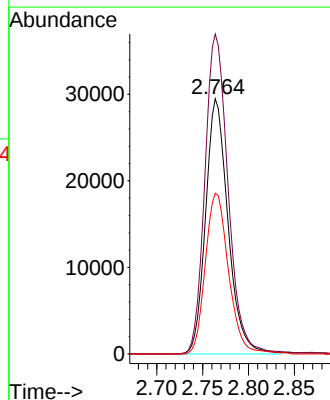
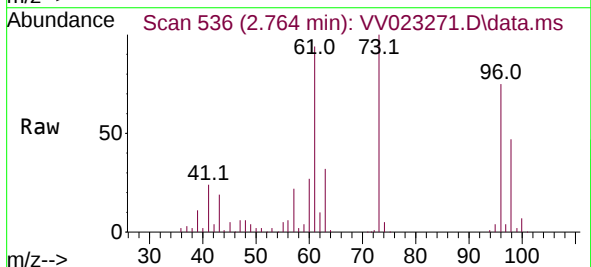
Instrument :
MSVOA_V
ClientSampleId :

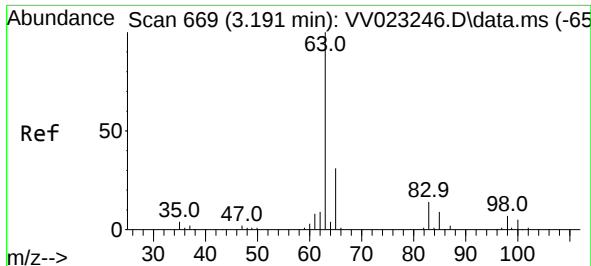
Tgt Ion: 73 Resp: 90992
Ion Ratio Lower Upper
73 100
43 19.7 14.2 21.4
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.036 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion: 96 Resp: 50281
Ion Ratio Lower Upper
96 100
61 125.4 89.2 165.6
98 63.0 41.9 77.9





#19

1,1-Dichloroethane

Concen: 5.176 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

ClientSampleId :

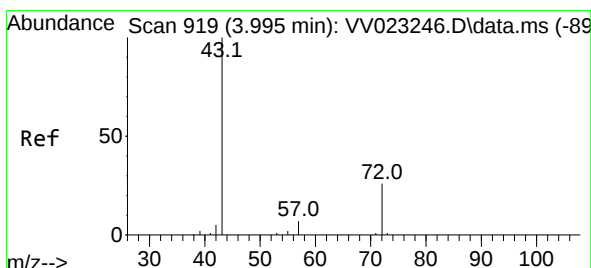
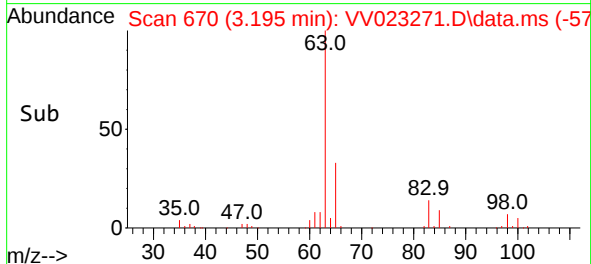
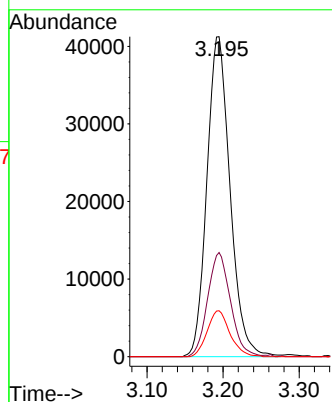
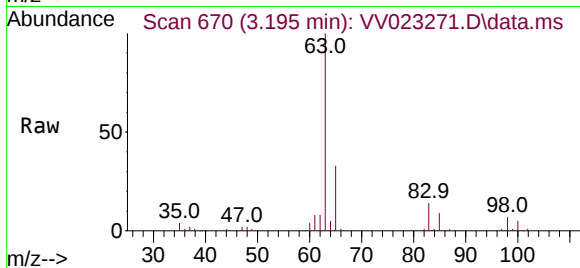
Tgt Ion: 63 Resp: 87262

Ion Ratio Lower Upper

63 100

65 32.6 21.6 40.2

83 14.4 9.8 18.2



#21

2-Butanone

Concen: 74.308 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.016 min

Lab File: VV023271.D

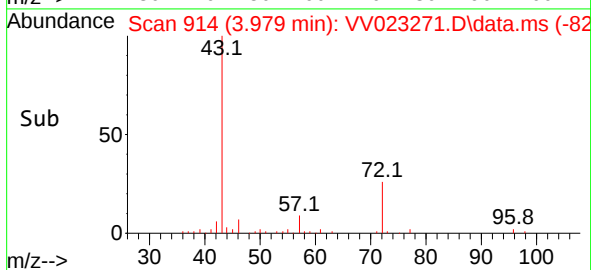
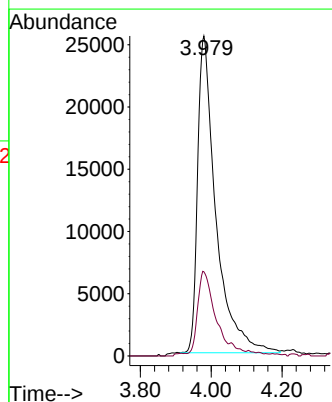
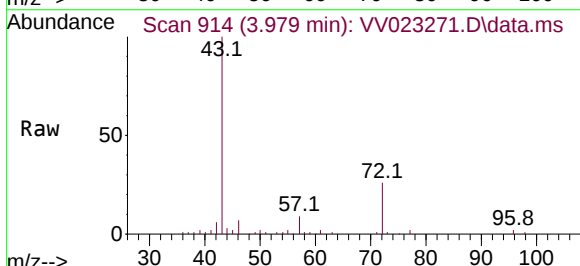
Acq: 06 Nov 2021 06:47

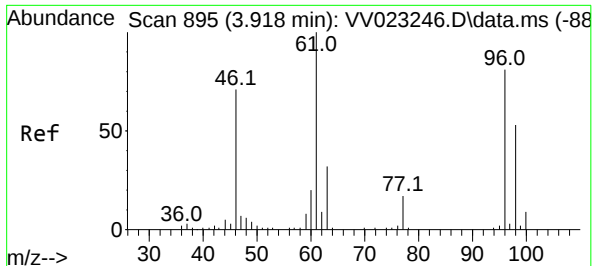
Tgt Ion: 43 Resp: 91448

Ion Ratio Lower Upper

43 100

72 23.2 11.6 34.7





#22

cis-1,2-Dichloroethene

Concen: 5.372 ug/L

RT: 3.915 min Scan# 895

Delta R.T. -0.003 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

ClientSampleId :

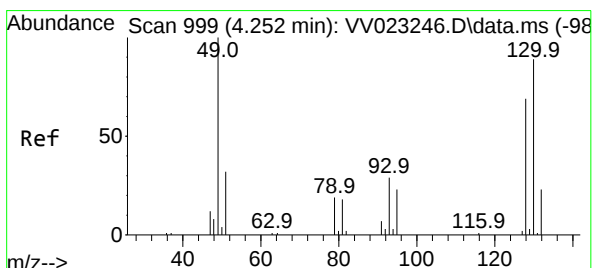
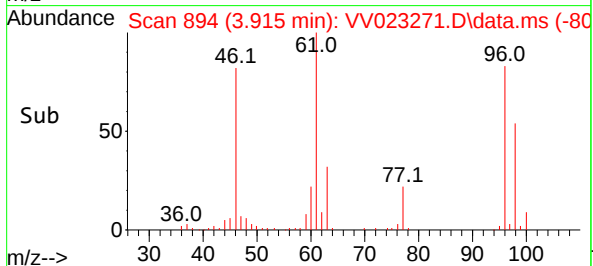
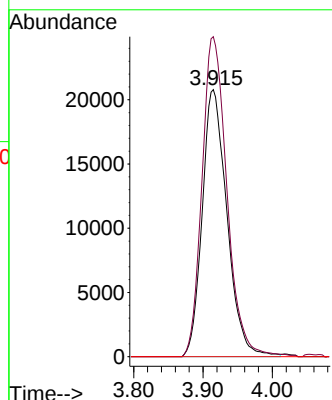
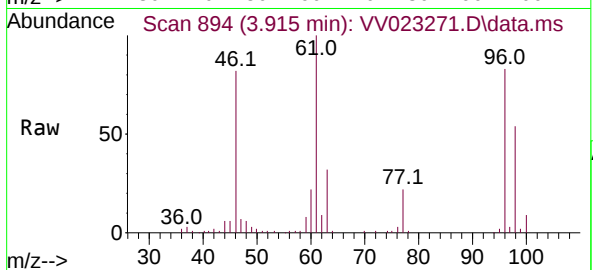
Tgt Ion: 96 Resp: 51623

Ion Ratio Lower Upper

96 100

61 119.9 86.7 160.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.125 ug/L

RT: 4.252 min Scan# 999

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Tgt Ion: 128 Resp: 22708

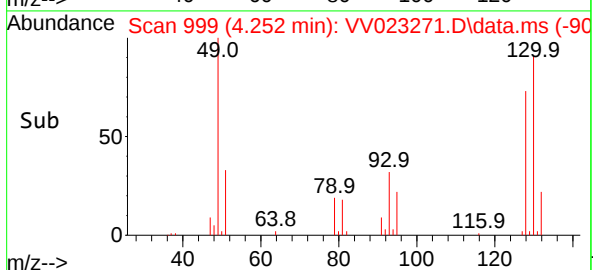
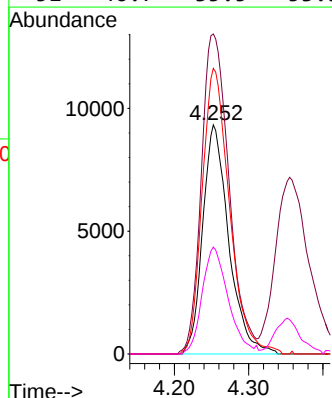
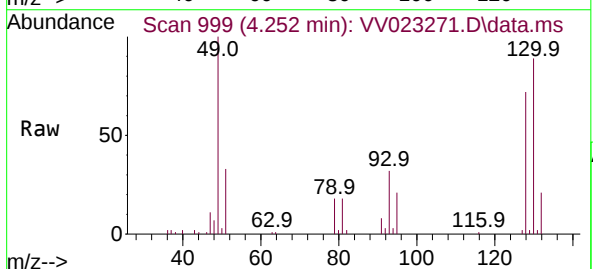
Ion Ratio Lower Upper

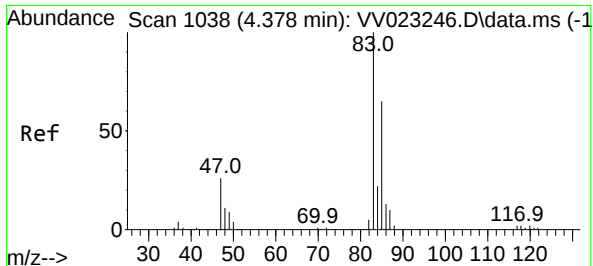
128 100

49 139.7 103.0 191.4

130 124.7 86.7 161.1

51 46.7 35.5 53.3





#25

Chloroform

Concen: 5.066 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

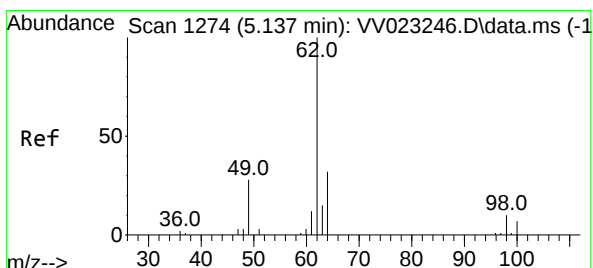
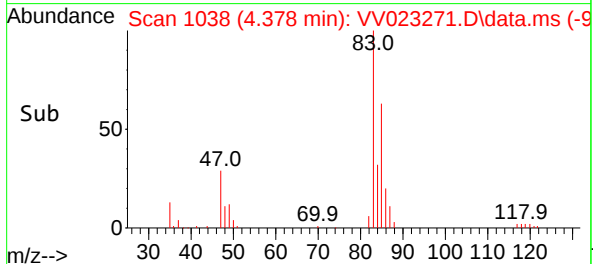
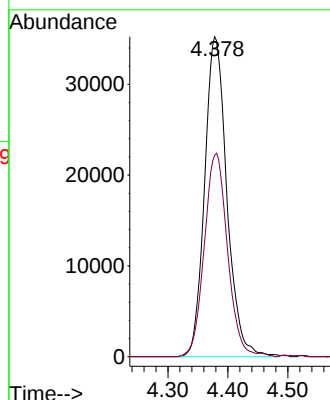
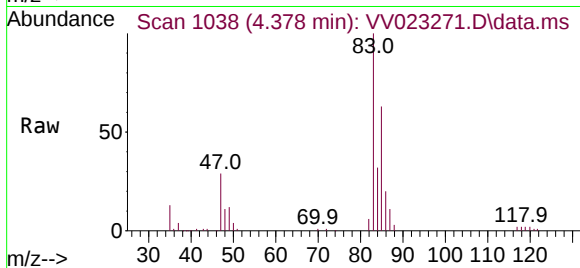
ClientSampleId :

Tgt Ion: 83 Resp: 91033

Ion Ratio Lower Upper

83 100

85 62.9 46.3 85.9



#27

1,2-Dichloroethane

Concen: 5.057 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VV023271.D

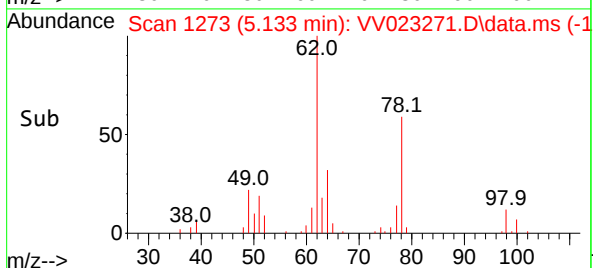
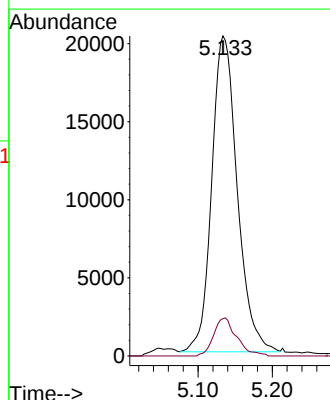
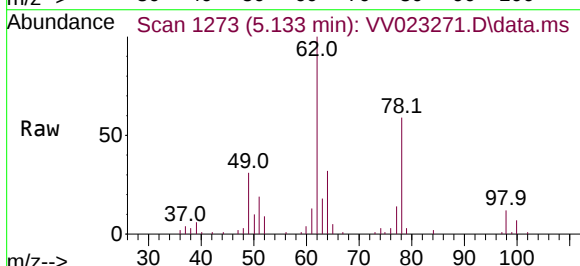
Acq: 06 Nov 2021 06:47

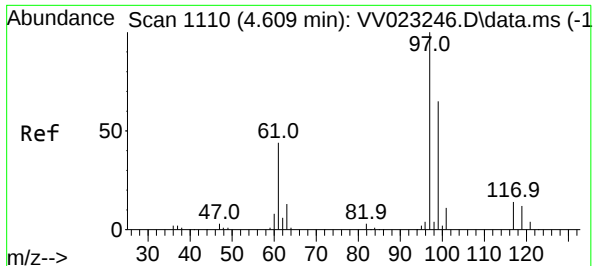
Tgt Ion: 62 Resp: 48333

Ion Ratio Lower Upper

62 100

98 11.6 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.015 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

ClientSampleId :

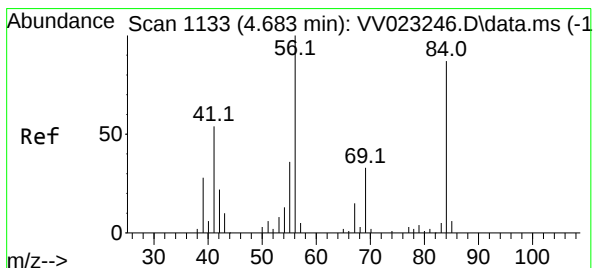
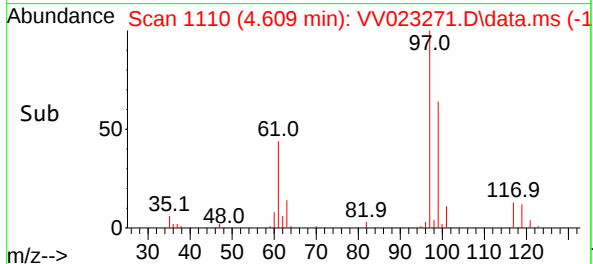
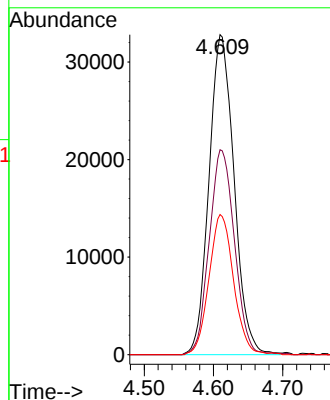
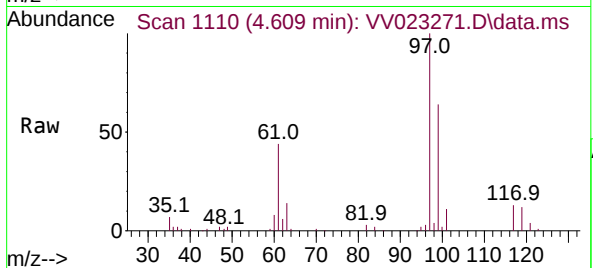
Tgt Ion: 97 Resp: 82415

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 42.9 33.5 50.3



#30

Cyclohexane

Concen: 4.997 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

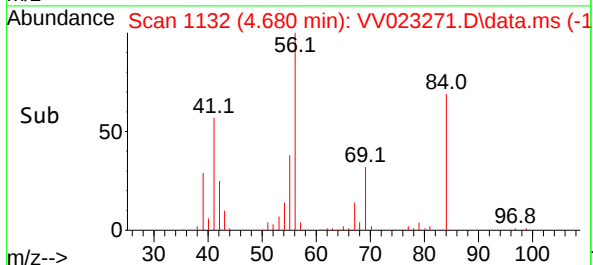
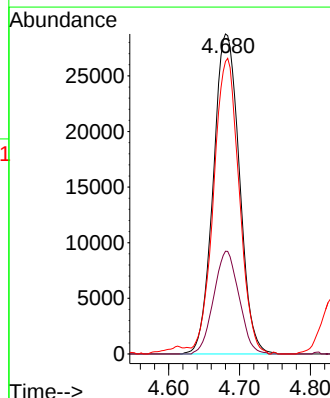
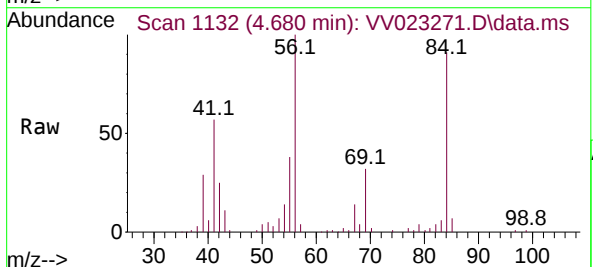
Tgt Ion: 56 Resp: 73578

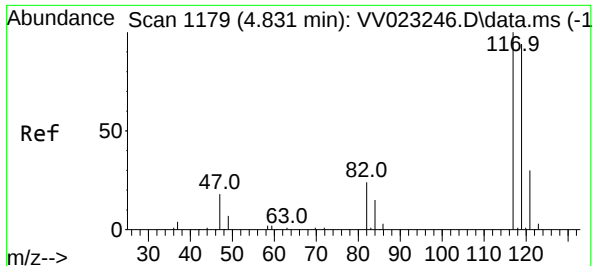
Ion Ratio Lower Upper

56 100

69 31.1 24.7 37.1

84 90.3 73.8 110.6

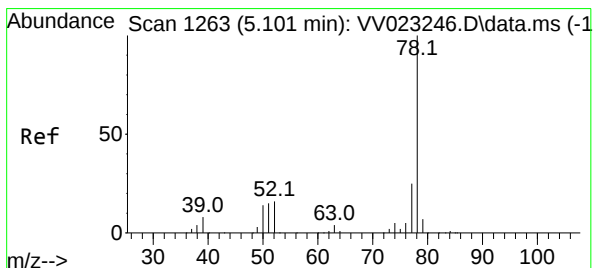
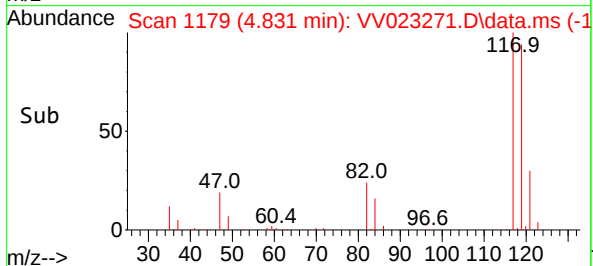
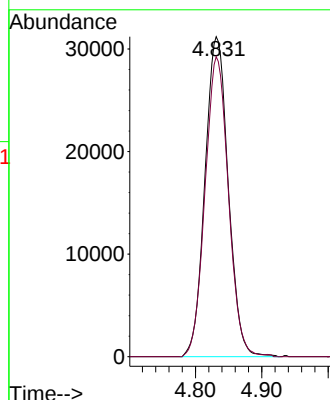
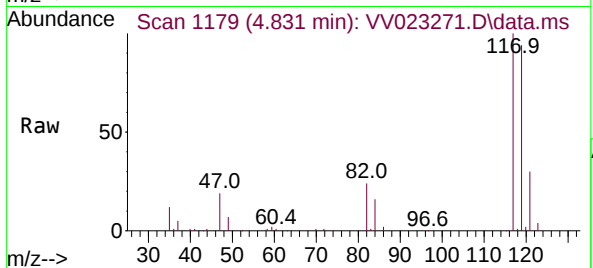




#31
Carbon tetrachloride
Concen: 5.157 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

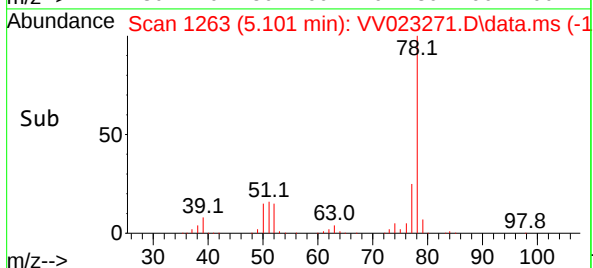
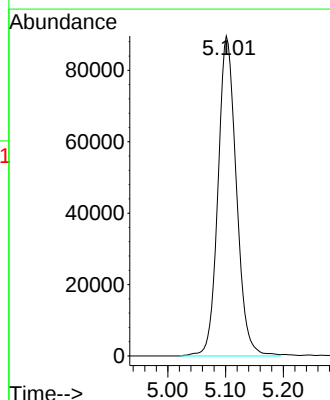
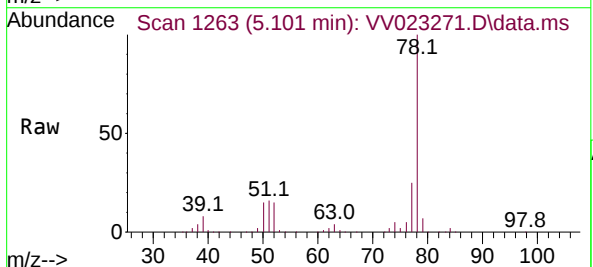
Instrument :
MSVOA_V
ClientSampleId :

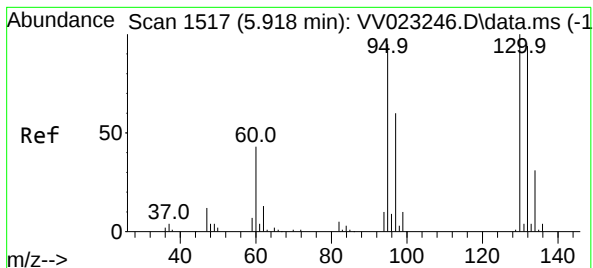
Tgt Ion:117 Resp: 76104
Ion Ratio Lower Upper
117 100
119 93.9 76.6 114.8



#33
Benzene
Concen: 5.238 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion: 78 Resp: 198085





#34

Trichloroethene

Concen: 5.024 ug/L

RT: 5.918 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 50523

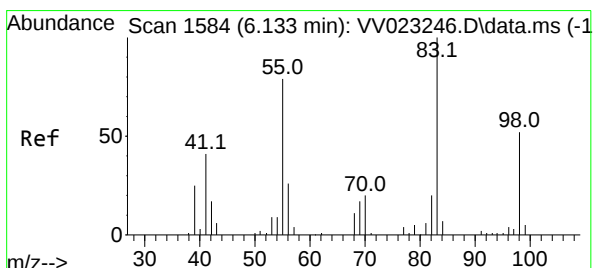
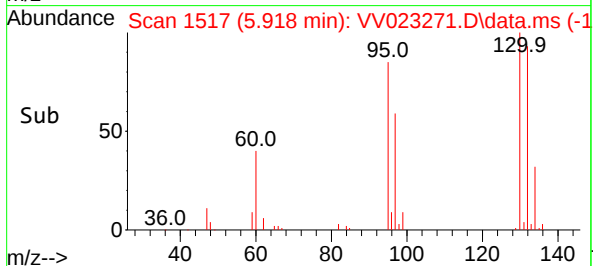
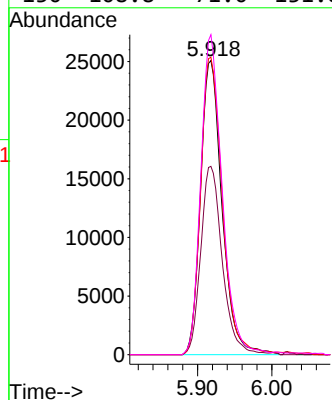
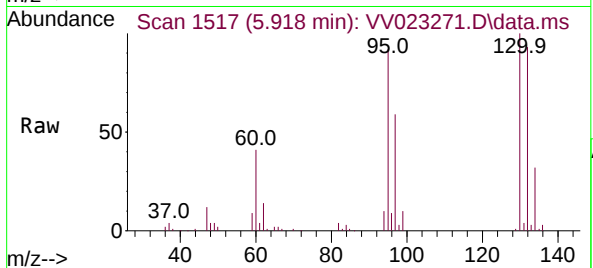
Ion Ratio Lower Upper

95 100

97 64.0 43.3 80.5

132 101.1 70.0 130.0

130 108.8 71.0 131.8



#35

Methylcyclohexane

Concen: 4.900 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

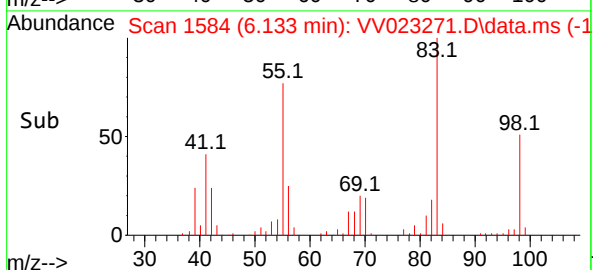
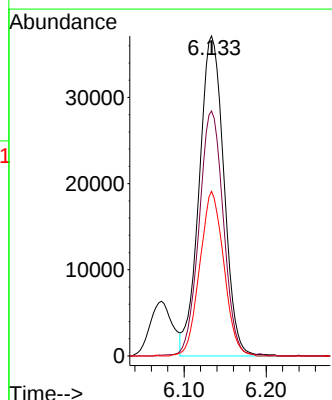
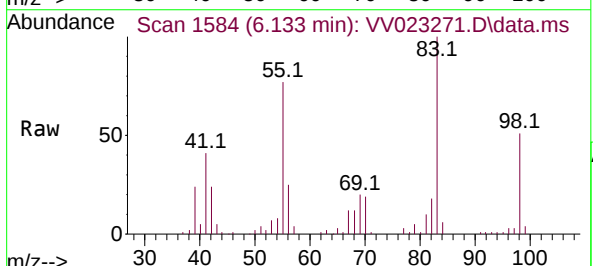
Tgt Ion: 83 Resp: 77784

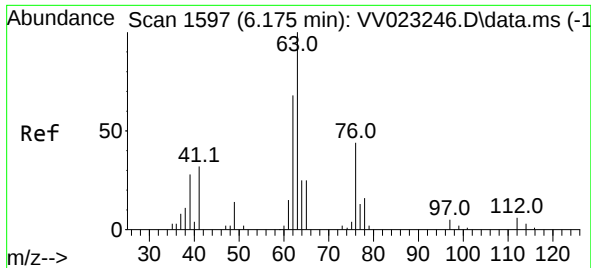
Ion Ratio Lower Upper

83 100

55 75.3 59.6 89.4

98 50.1 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.134 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

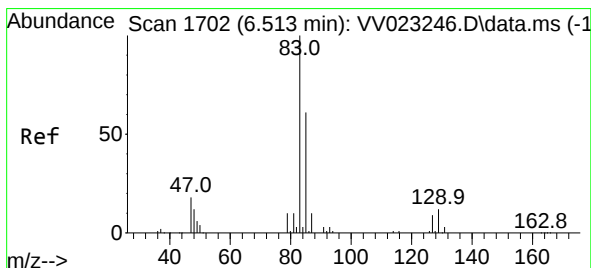
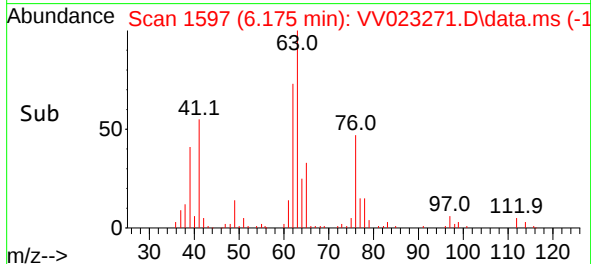
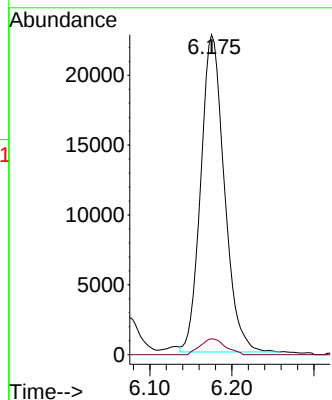
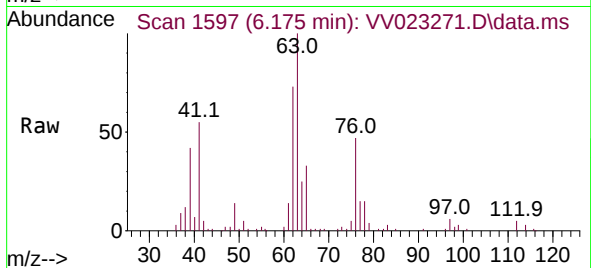
ClientSampleId :

Tgt Ion: 63 Resp: 45329

Ion Ratio Lower Upper

63 100

112 5.3 4.5 6.7



#38

Bromodichloromethane

Concen: 5.043 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

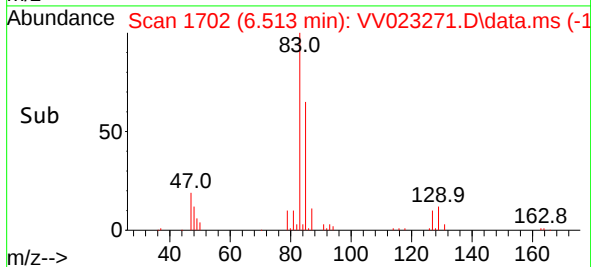
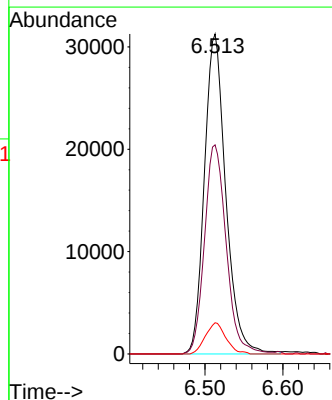
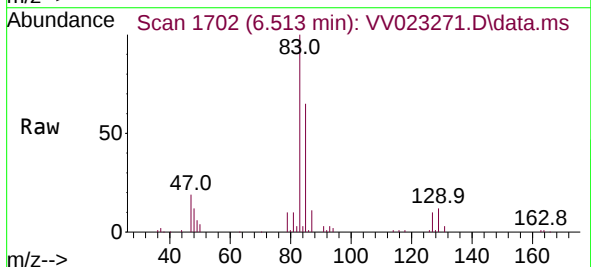
Tgt Ion: 83 Resp: 59671

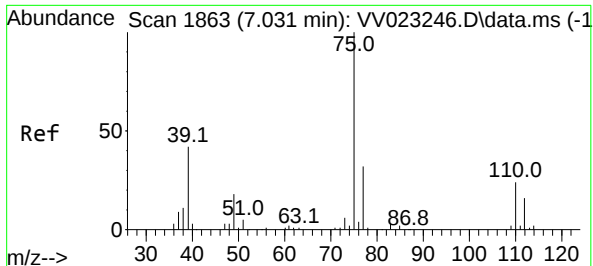
Ion Ratio Lower Upper

83 100

85 65.3 46.1 85.5

127 9.8 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.858 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

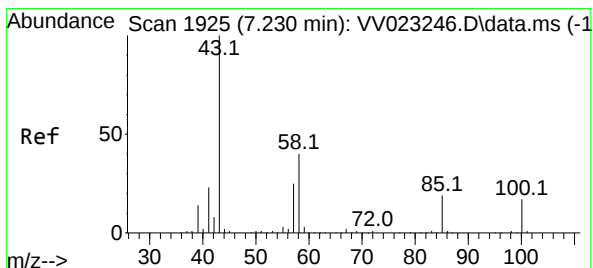
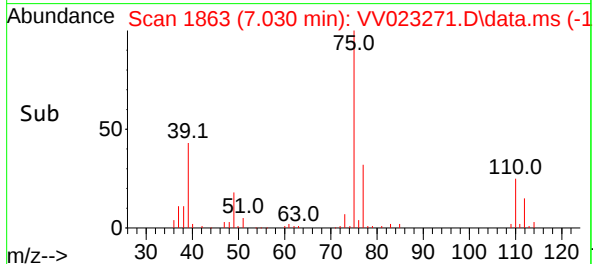
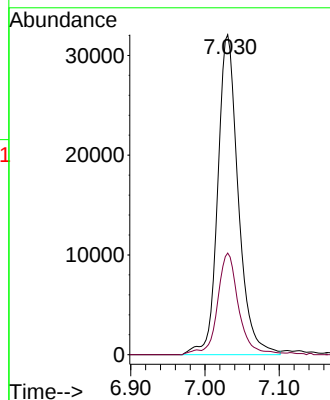
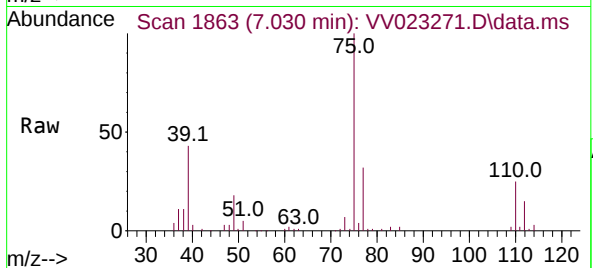
ClientSampleId :

Tgt Ion: 75 Resp: 61688

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 55.848 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

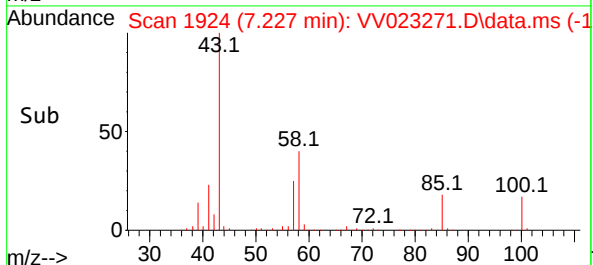
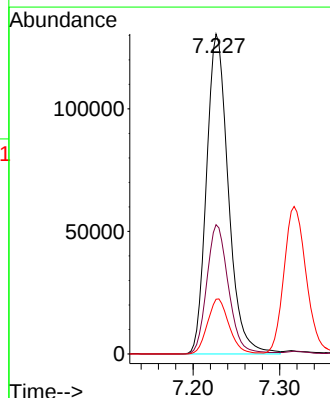
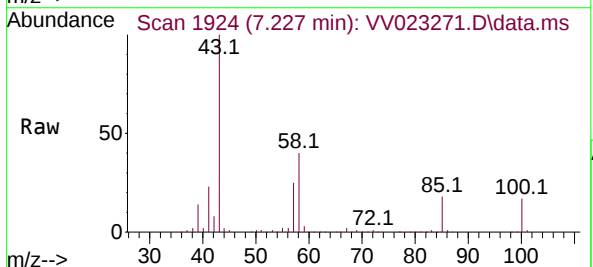
Tgt Ion: 43 Resp: 228680

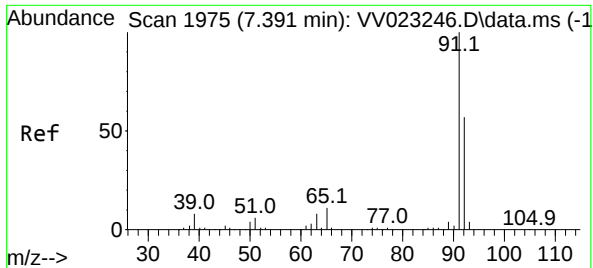
Ion Ratio Lower Upper

43 100

58 40.2 33.3 49.9

100 17.0 13.0 19.6

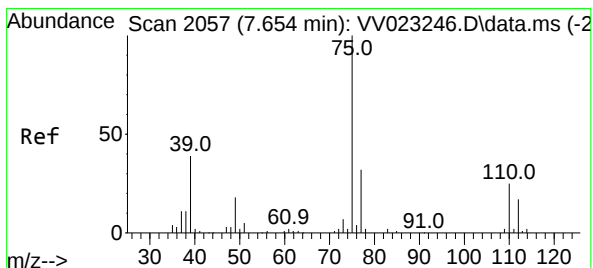
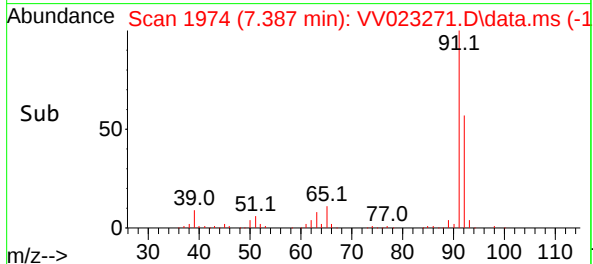
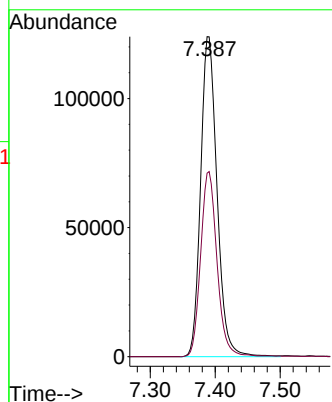
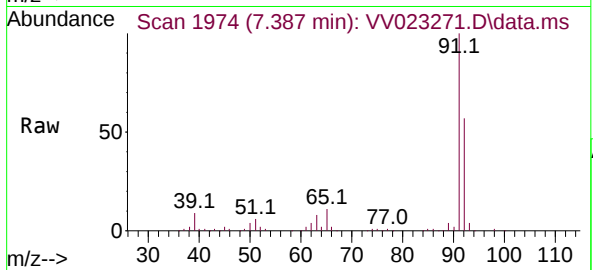




#42
Toluene
Concen: 5.391 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

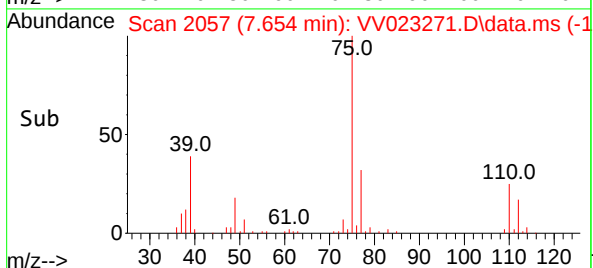
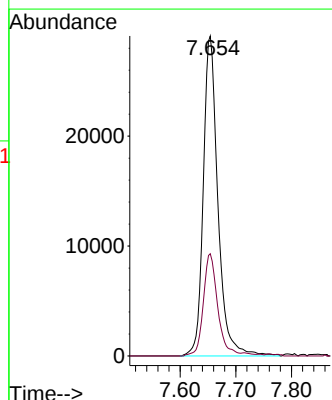
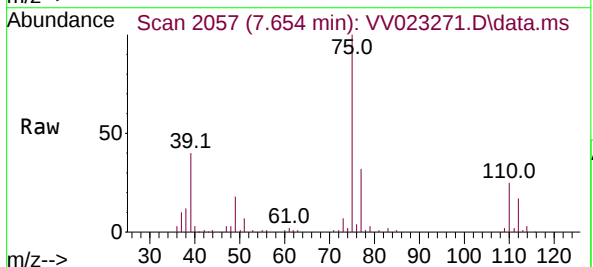
Instrument :
MSVOA_V
ClientSampleId :

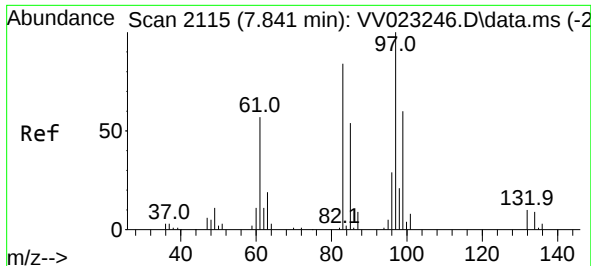
Tgt Ion: 91 Resp: 218077
Ion Ratio Lower Upper
91 100
92 57.3 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.061 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion: 75 Resp: 53320
Ion Ratio Lower Upper
75 100
77 32.0 21.3 39.6

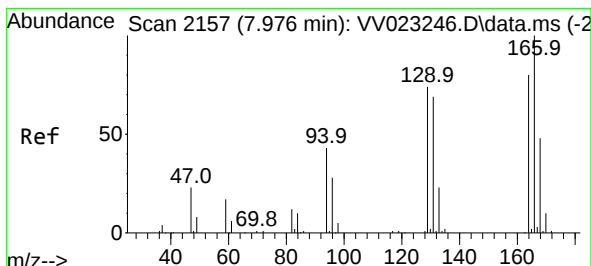
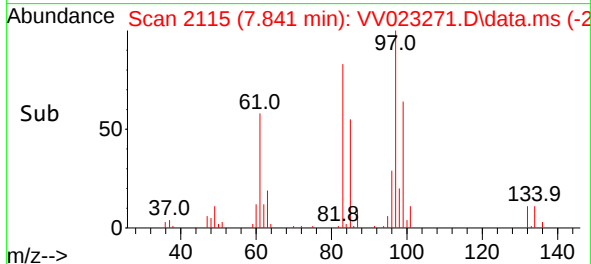
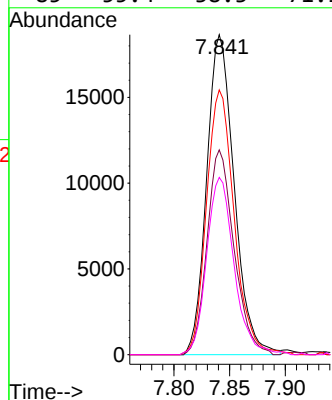
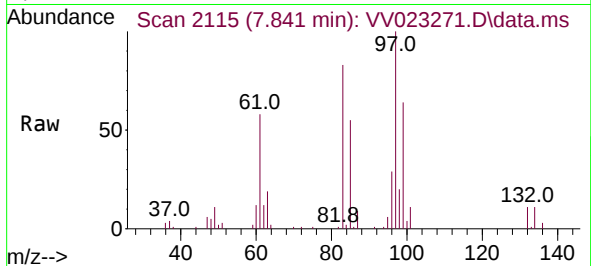




#45
1,1,2-Trichloroethane
Concen: 5.060 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

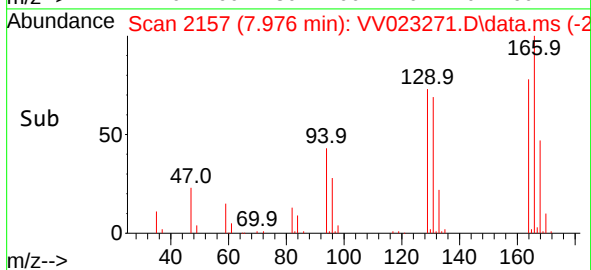
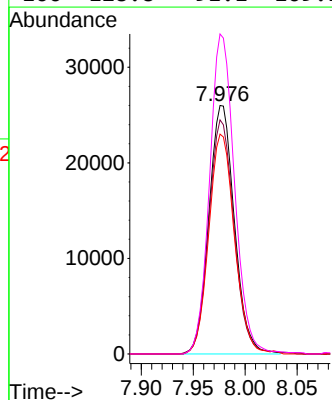
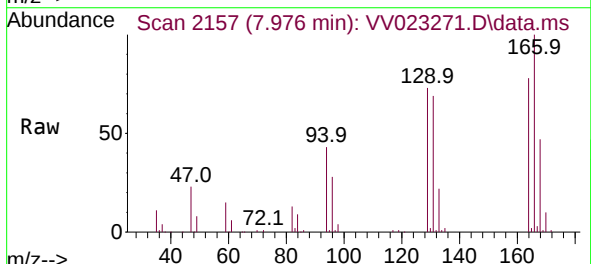
Instrument :
MSVOA_V
ClientSampleId :

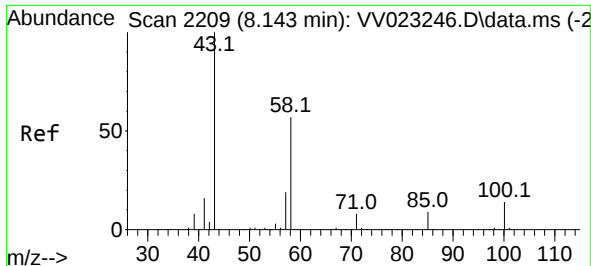
Tgt Ion:	97	Resp:	32096
Ion	Ratio	Lower	Upper
97	100		
99	64.0	47.0	87.4
83	82.7	62.6	116.3
85	55.4	38.3	71.1



#47
Tetrachloroethene
Concen: 5.100 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion:	164	Resp:	44454
Ion	Ratio	Lower	Upper
164	100		
129	94.2	65.5	121.7
131	88.5	63.9	118.7
166	128.8	91.1	169.1



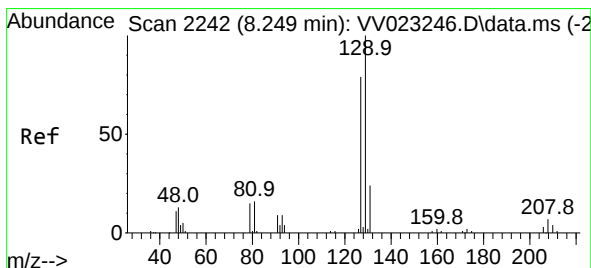
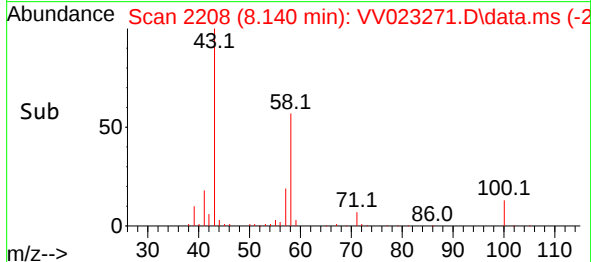
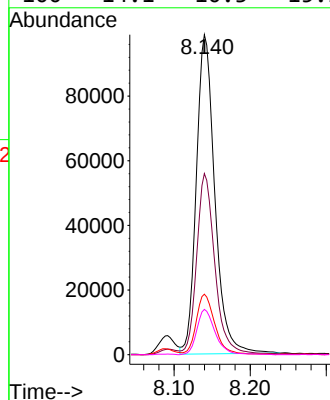
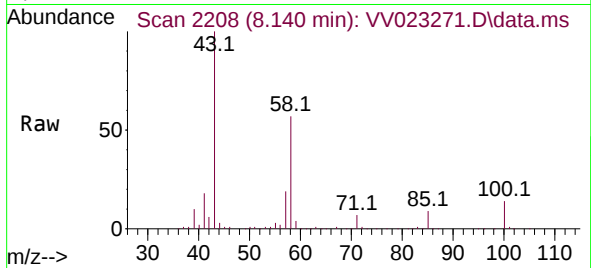


#48
2-Hexanone
Concen: 56.816 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 166857

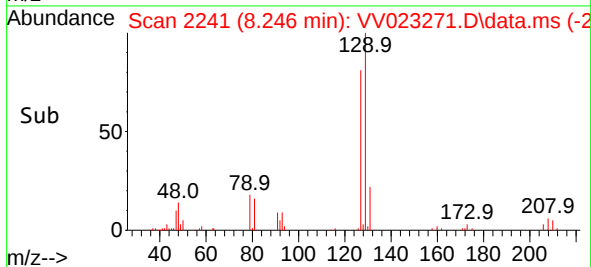
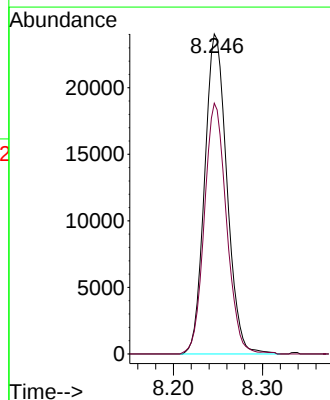
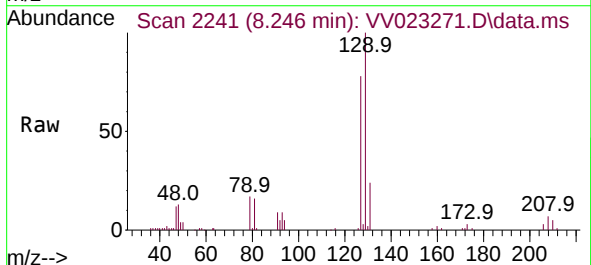
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.0	64.6
57	18.5	14.9	22.3
100	14.1	10.3	15.5

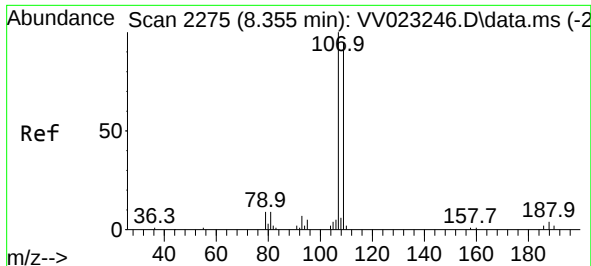


#49
Dibromochloromethane
Concen: 5.187 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion: 129 Resp: 41690

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.4	101.0





#50

1,2-Dibromoethane

Concen: 5.031 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023271.D

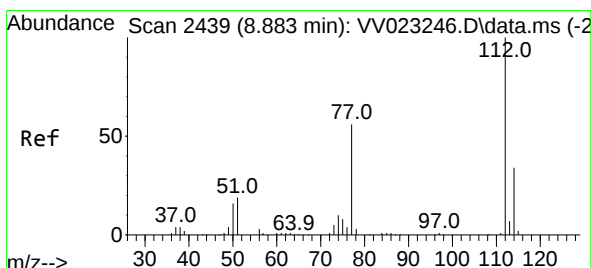
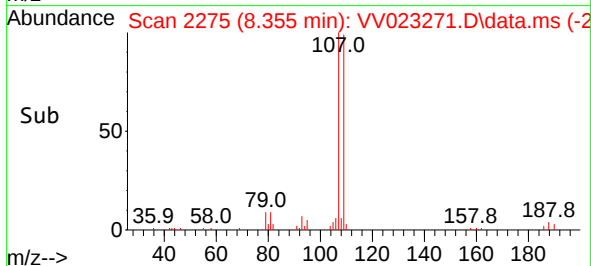
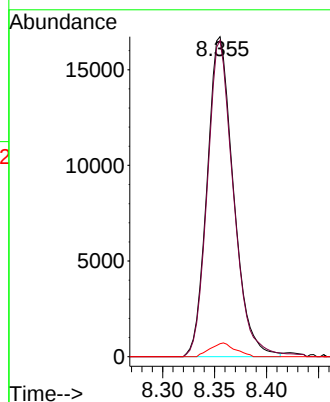
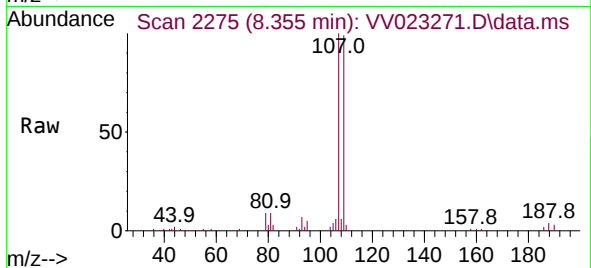
Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29577
Ion	Ratio	Lower	Upper
107	100		
109	98.8	67.0	124.4
188	4.0	2.9	4.3



#51

Chlorobenzene

Concen: 5.074 ug/L

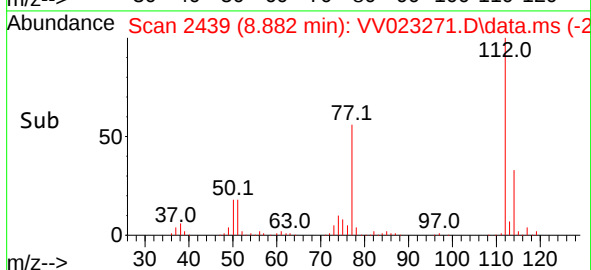
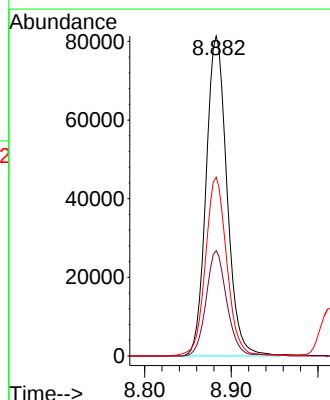
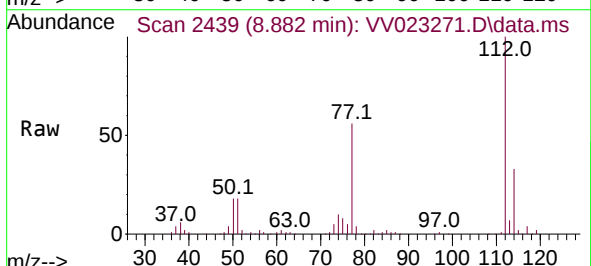
RT: 8.882 min Scan# 2439

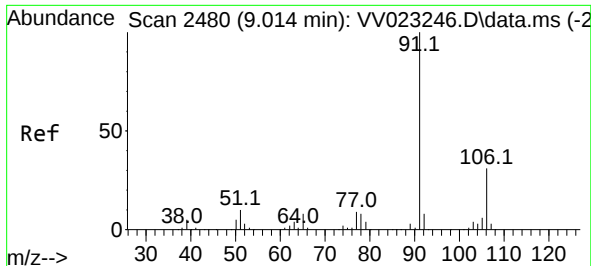
Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Tgt Ion:	112	Resp:	136422
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.4	41.6
77	55.8	43.8	65.8

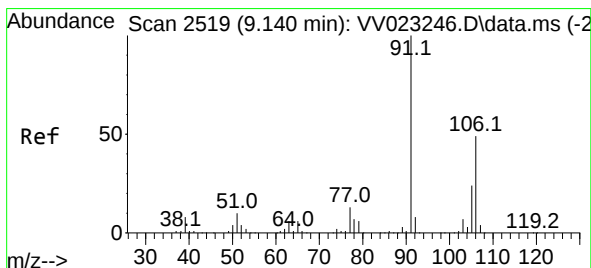
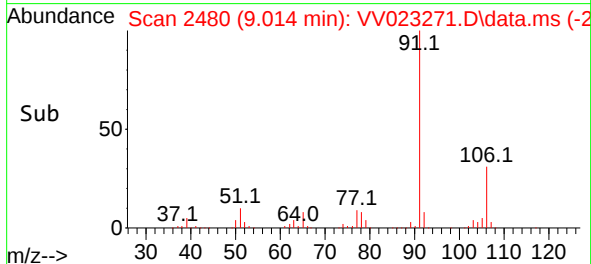
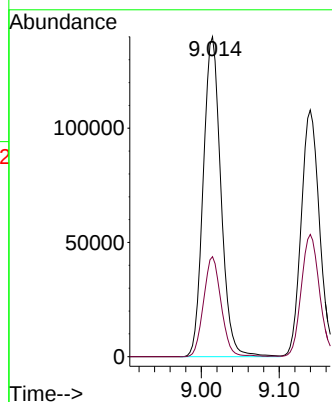
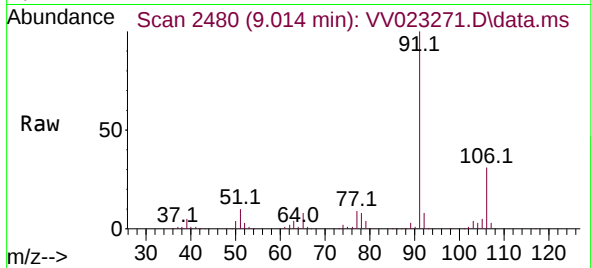




#52
Ethylbenzene
Concen: 5.176 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

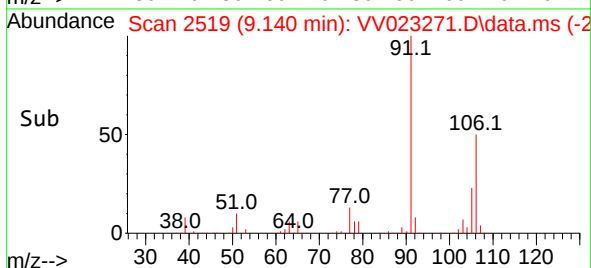
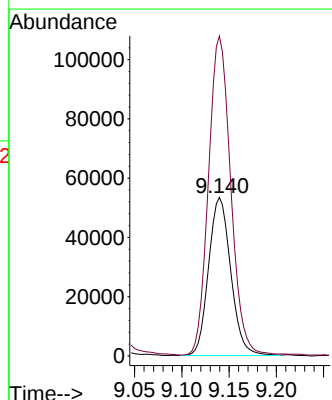
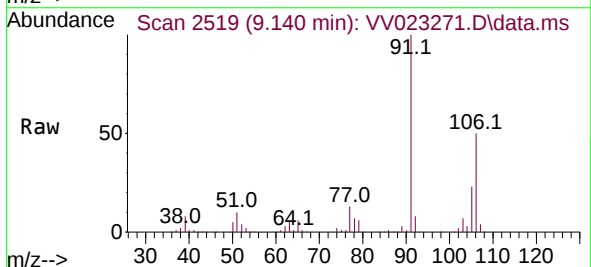
Instrument :
MSVOA_V
ClientSampleId :

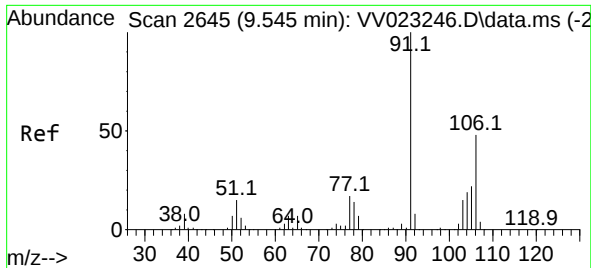
Tgt Ion: 91 Resp: 220822
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.5



#53
m,p-xylene
Concen: 5.197 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion: 106 Resp: 87011
Ion Ratio Lower Upper
106 100
91 201.9 140.1 260.1

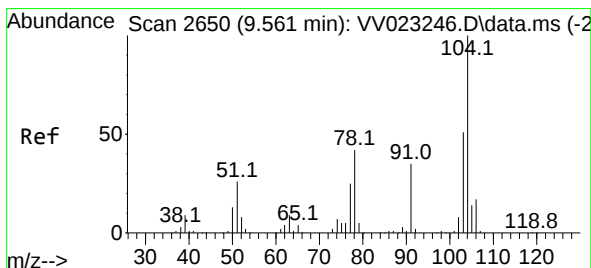
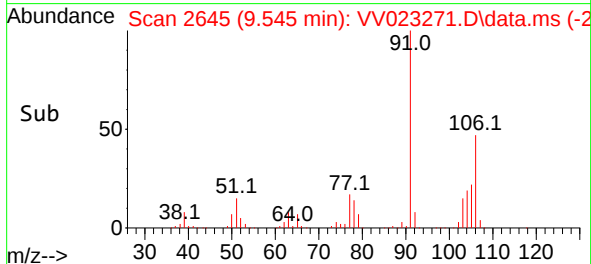
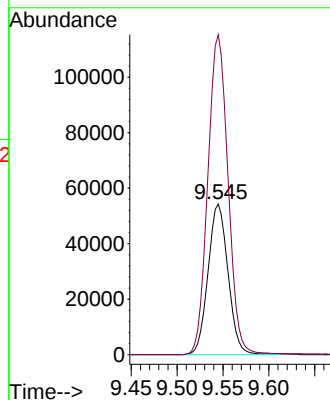
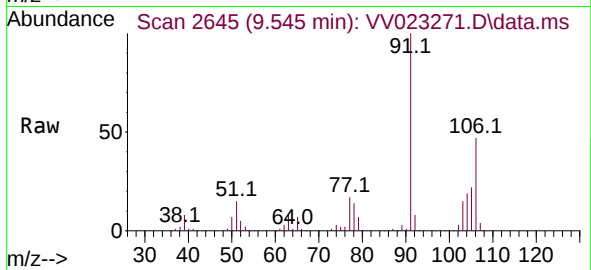




#54
o-xylene
Concen: 5.251 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

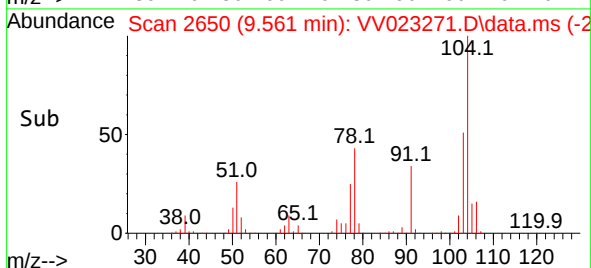
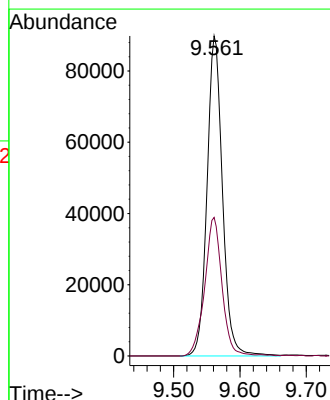
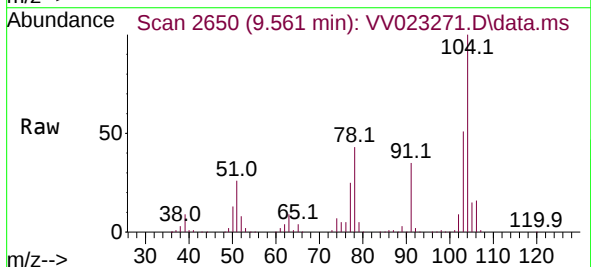
Instrument :
MSVOA_V
ClientSampleId :

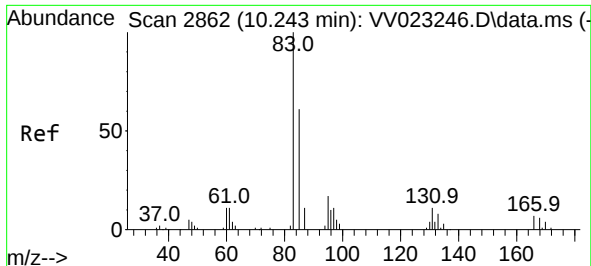
Tgt Ion:106 Resp: 82479
Ion Ratio Lower Upper
106 100
91 212.3 148.1 275.1



#55
Styrene
Concen: 5.396 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion:104 Resp: 145193
Ion Ratio Lower Upper
104 100
78 43.3 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.189 ug/L

RT: 10.243 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

Instrument :

MSVOA_V

ClientSampleId :

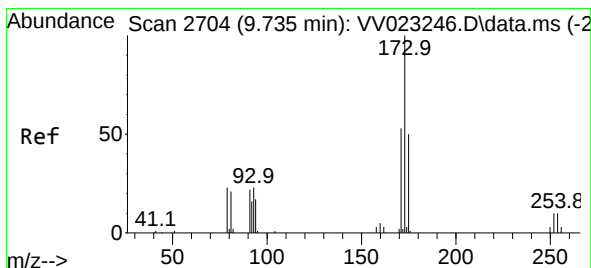
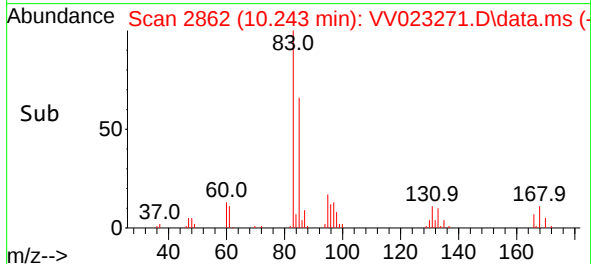
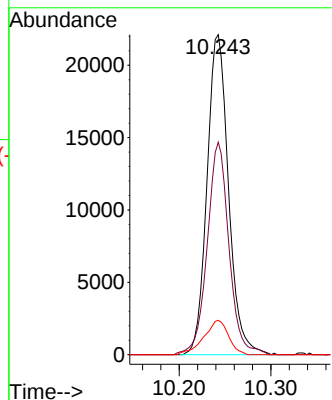
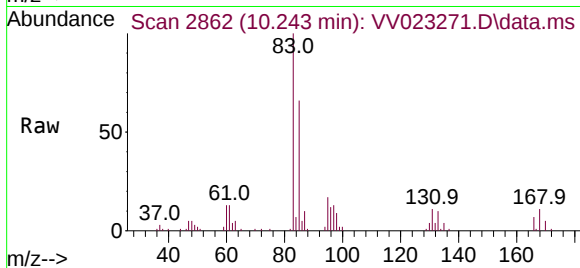
Tgt Ion: 83 Resp: 36067

Ion Ratio Lower Upper

83 100

85 66.4 46.2 85.8

131 10.8 8.7 13.1



#59

Bromoform

Concen: 5.000 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.003 min

Lab File: VV023271.D

Acq: 06 Nov 2021 06:47

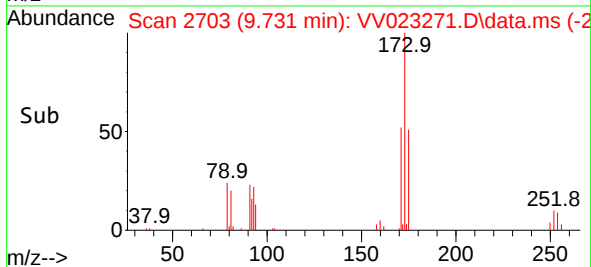
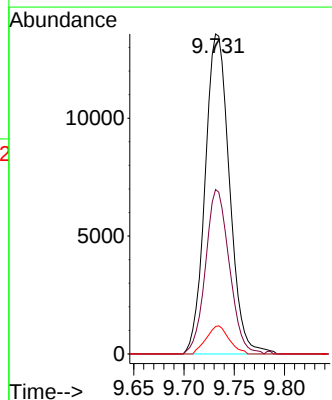
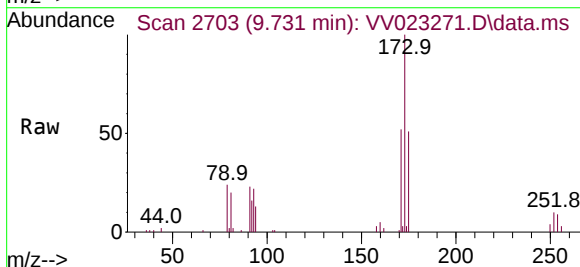
Tgt Ion: 173 Resp: 22882

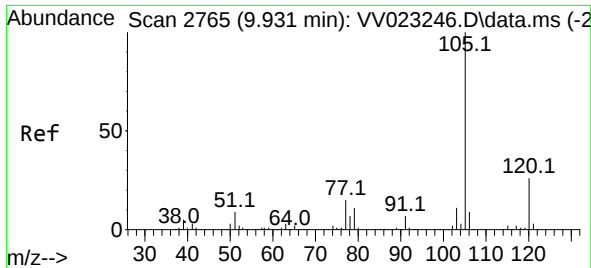
Ion Ratio Lower Upper

173 100

175 50.2 39.7 59.5

254 8.2 6.6 10.0

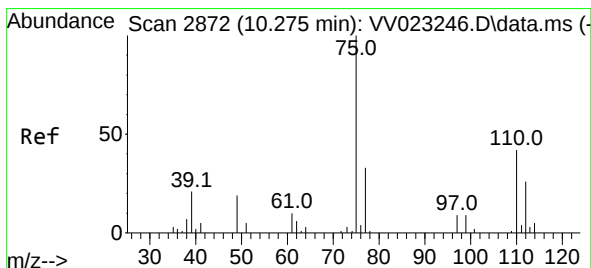
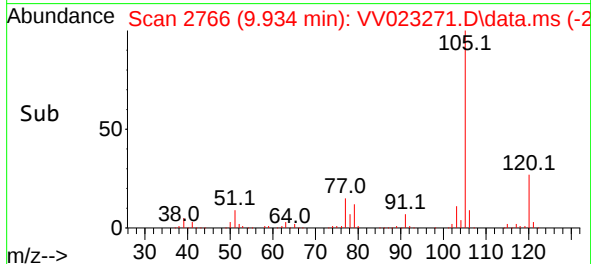
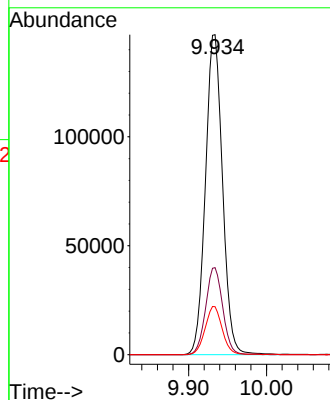
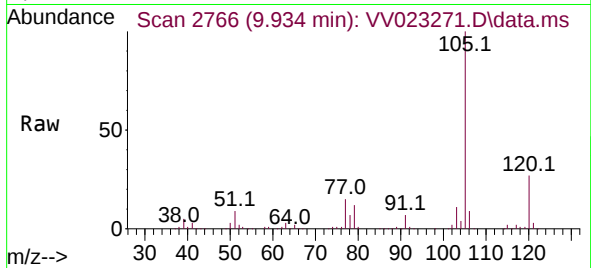




#60
Isopropylbenzene
Concen: 5.082 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

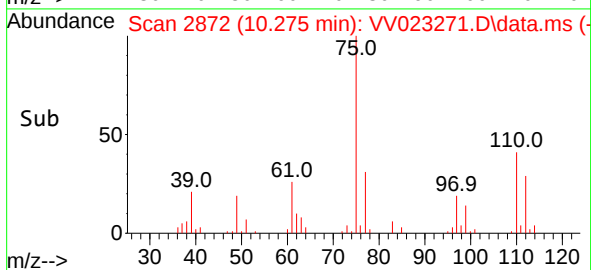
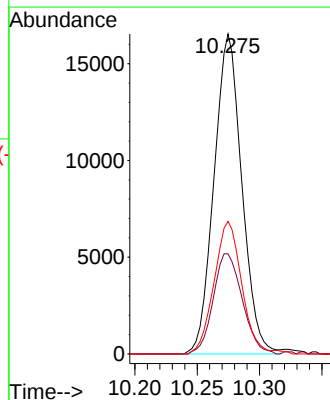
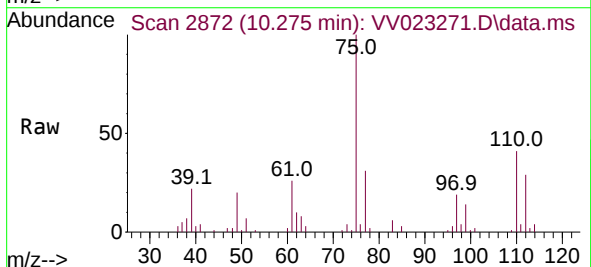
Instrument :
MSVOA_V
ClientSampleId :

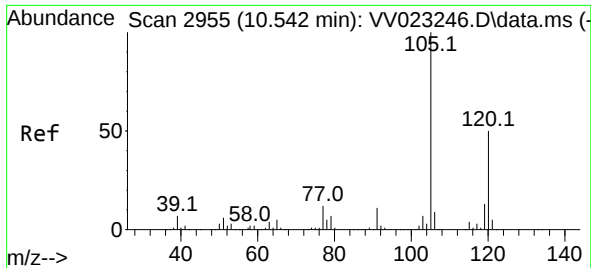
Tgt Ion:105 Resp: 223473
Ion Ratio Lower Upper
105 100
120 27.3 20.9 31.3
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.039 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion: 75 Resp: 25648
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 41.5 33.0 49.4

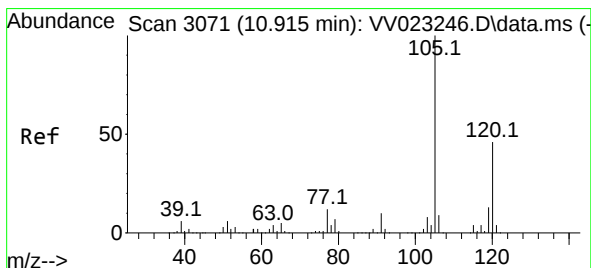
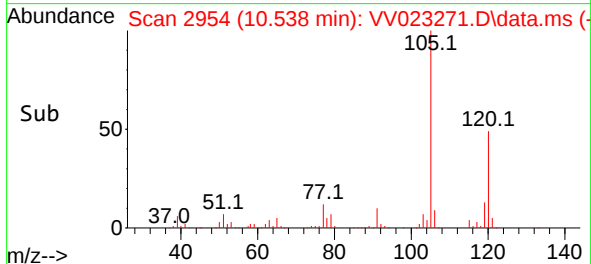
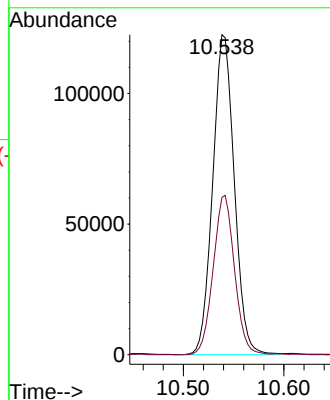
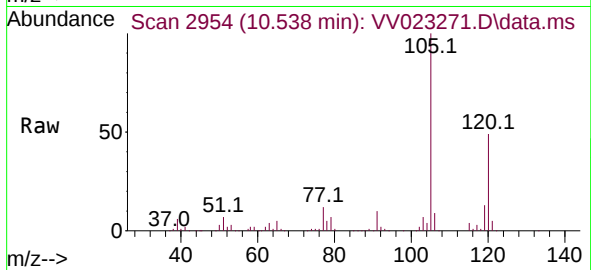




#62
 1,3,5-Trimethylbenzene
 Concen: 5.008 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV023271.D
 Acq: 06 Nov 2021 06:47

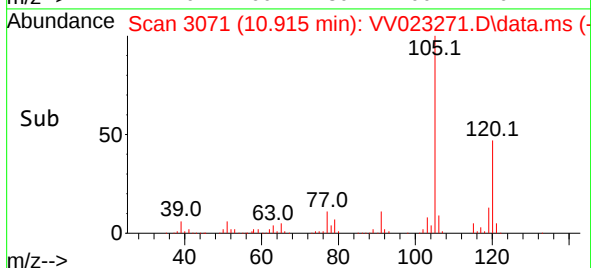
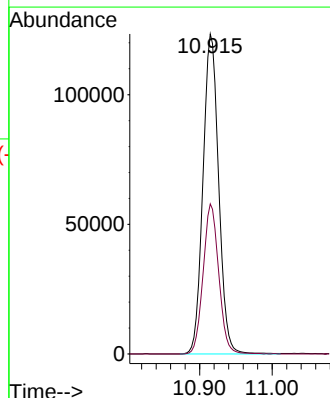
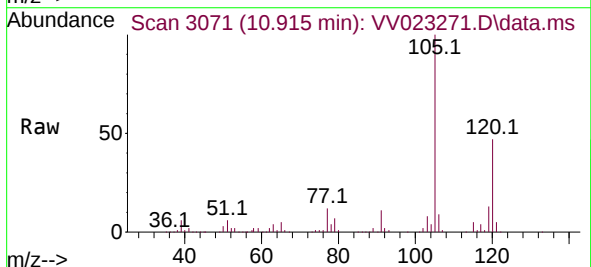
Instrument :
 MSVOA_V
 ClientSampleId :

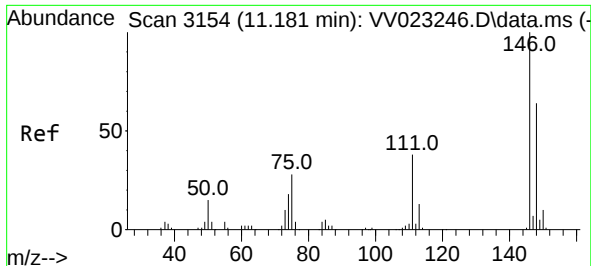
Tgt Ion:105 Resp: 182569
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.111 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023271.D
 Acq: 06 Nov 2021 06:47

Tgt Ion:105 Resp: 185473
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.5 54.7

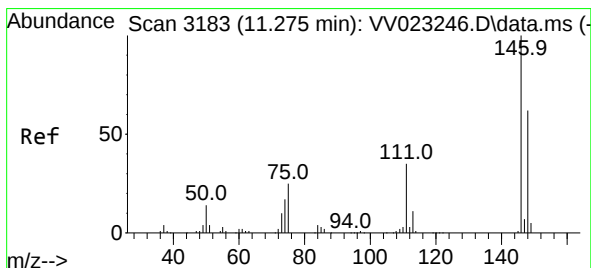
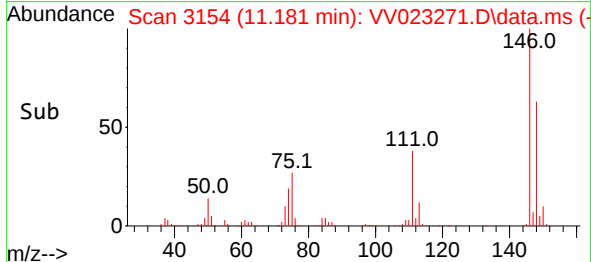
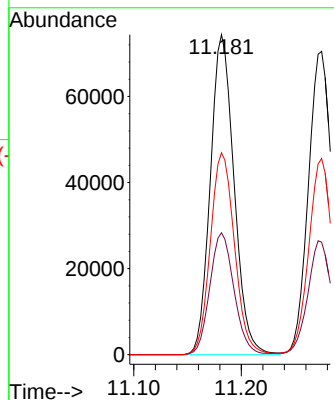
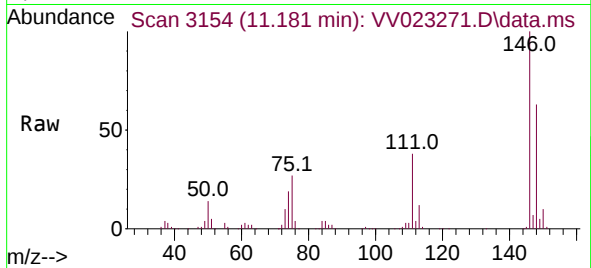




#64
1,3-Dichlorobenzene
Concen: 5.075 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

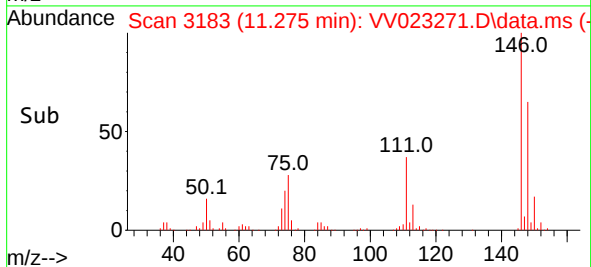
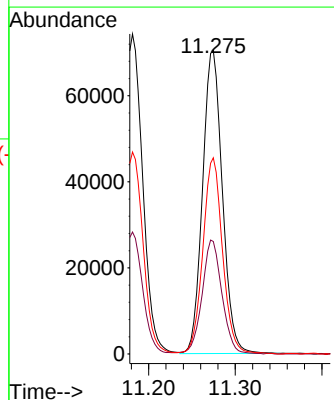
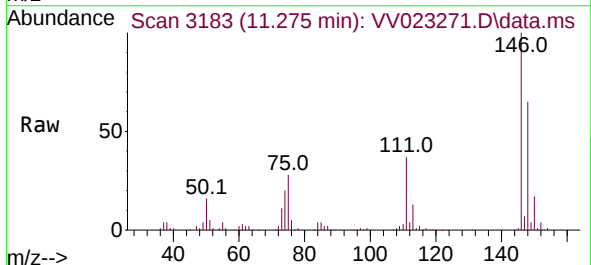
Instrument :
MSVOA_V
ClientSampleId :

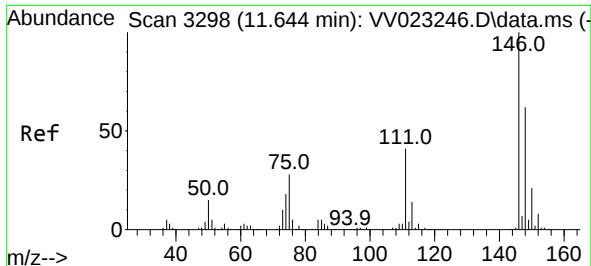
Tgt Ion:146 Resp: 114020
Ion Ratio Lower Upper
146 100
111 38.1 28.1 52.3
148 63.1 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.877 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion:146 Resp: 111901
Ion Ratio Lower Upper
146 100
111 37.1 26.1 48.5
148 64.6 44.7 83.1

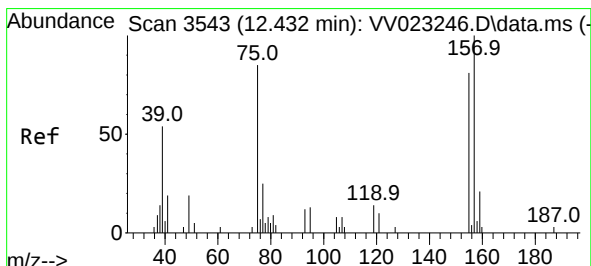
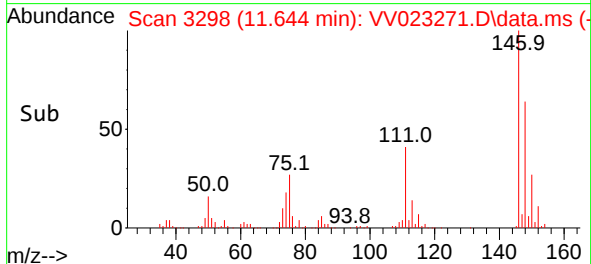
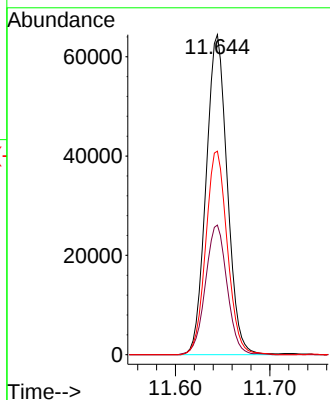
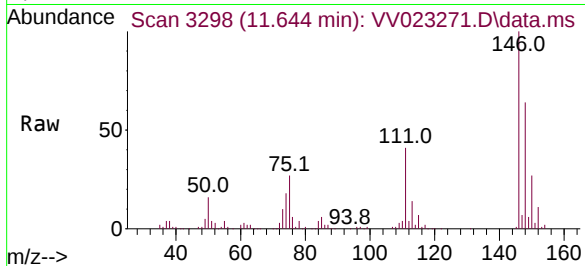




#67
1,2-Dichlorobenzene
Concen: 4.993 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

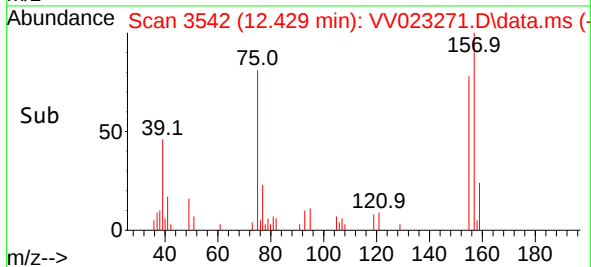
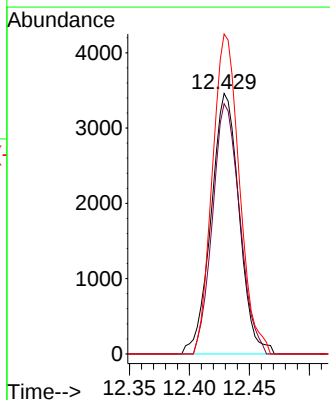
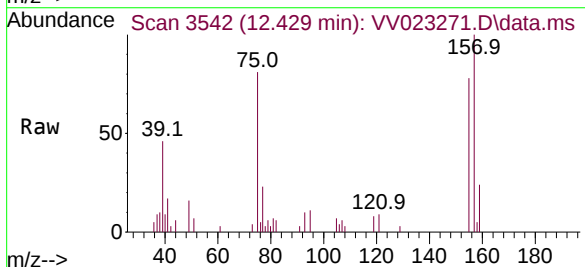
Instrument :
MSVOA_V
ClientSampleId :

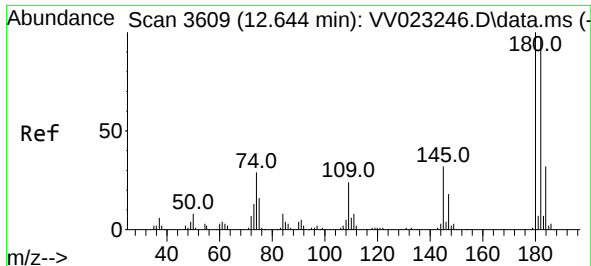
Tgt Ion:146 Resp: 100365
Ion Ratio Lower Upper
146 100
111 40.5 31.3 46.9
148 63.6 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.189 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

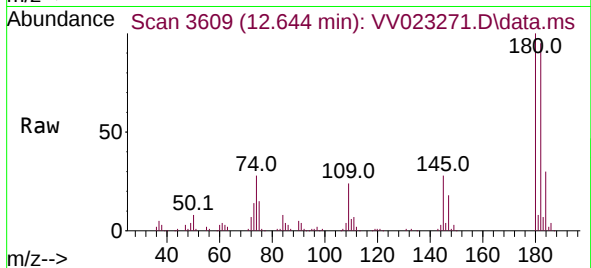
Tgt Ion: 75 Resp: 5627
Ion Ratio Lower Upper
75 100
155 96.1 69.4 104.2
157 122.9 92.8 139.2



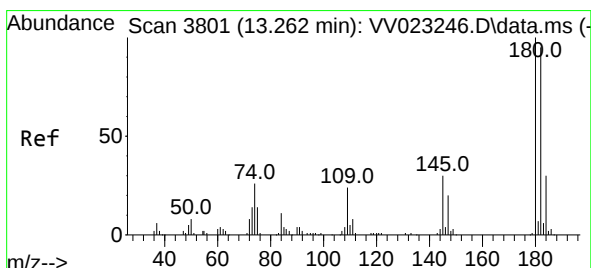
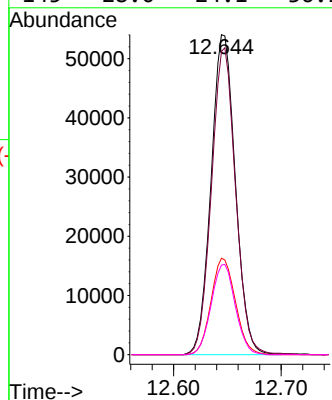
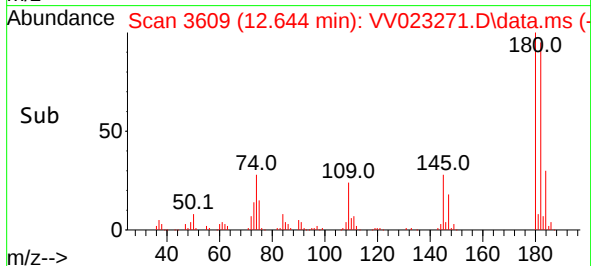


#69
 1,3,5-Trichlorobenzene
 Concen: 4.810 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023271.D
 Acq: 06 Nov 2021 06:47

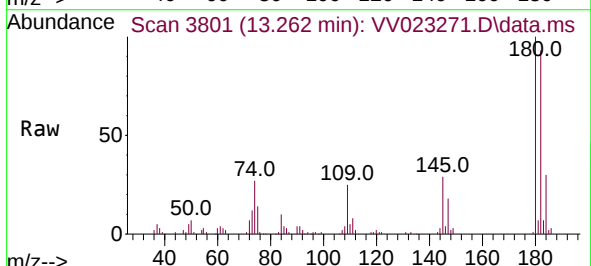
Instrument :
 MSVOA_V
 ClientSampleId :



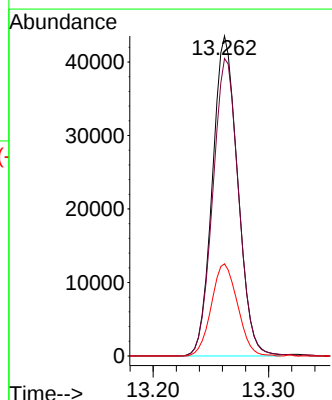
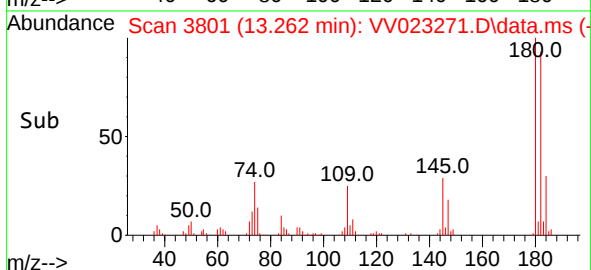
Tgt Ion:180 Resp: 84601
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.1 115.7
 184 30.3 24.9 37.3
 145 28.0 24.1 36.1

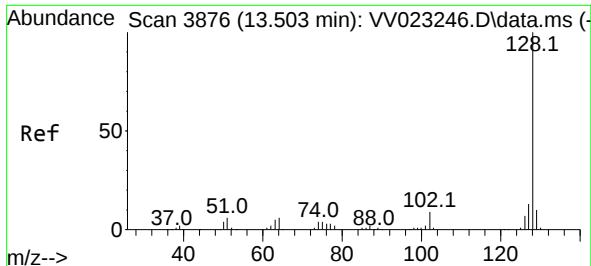


#70
 1,2,4-trichlorobenzene
 Concen: 4.697 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023271.D
 Acq: 06 Nov 2021 06:47



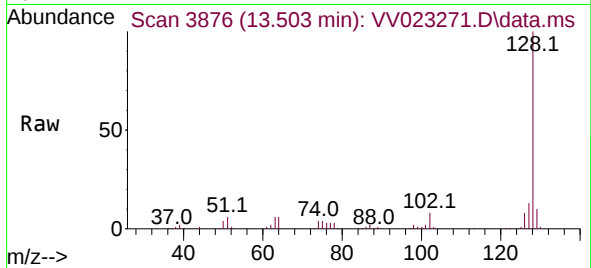
Tgt Ion:180 Resp: 66167
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.4 116.2
 145 29.8 24.1 36.1



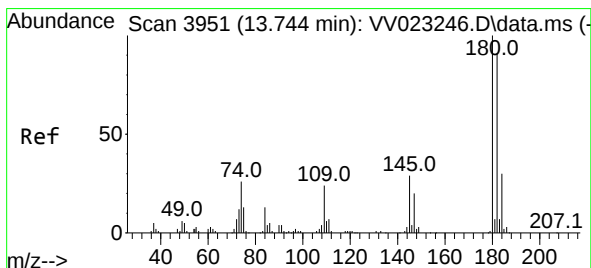
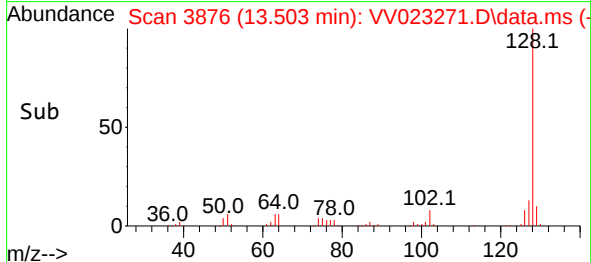
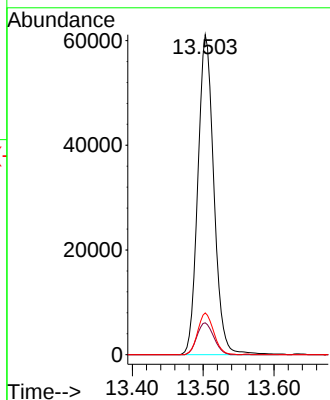


#71
Naphthalene
Concen: 4.608 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 95713
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.804 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023271.D
Acq: 06 Nov 2021 06:47

Tgt Ion:180 Resp: 59212
Ion Ratio Lower Upper
180 100
182 94.8 77.1 115.7
145 31.3 25.4 38.0

