

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023260.D
 Acq On : 06 Nov 2021 02:31
 Operator : SY/MD
 Sample : M4534-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:48:41 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	141987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38281	4.304	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.568	69	33812	4.664	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.111	63	77194	4.636	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.800%	
20) 2-Butanone-d5	3.892	46	97517	72.563	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.120%#	
24) Chloroform-d	4.352	84	91527	4.828	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.037	65	42885	5.031	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.053	84	173610	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.072	67	51414	4.840	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.317	98	163012	4.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	7.625	79	18931	4.700	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.088	63	75768	51.122	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.240%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38536	5.044	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	62114	4.730	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	66480	4.802	ug/L	100
3) Chloromethane	1.243	50	61481	5.223	ug/L	96
5) Vinyl chloride	1.314	62	59766	5.084	ug/L	97
6) Bromomethane	1.523	94	30959	4.120	ug/L	99
8) Chloroethane	1.587	64	35964	5.301	ug/L	99
9) Trichlorofluoromethane	1.754	101	89213	5.050	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	45930	5.165	ug/L	100
12) 1,1-Dichloroethene	2.121	96	42738	5.048	ug/L	96
13) Acetone	2.182	43	61405	61.808	ug/L	78
14) Carbon disulfide	2.298	76	152382	4.769	ug/L	100
15) Methyl Acetate	2.439	43	14169	3.729	ug/L #	87
16) Methylene chloride	2.510	84	50654	4.099	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	92570	4.967	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	51011	4.901	ug/L	98
19) 1,1-Dichloroethane	3.191	63	89838	5.112	ug/L	98
21) 2-Butanone	3.973	43	95937	74.783	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	51323	5.124	ug/L	99
23) Bromochloromethane	4.252	128	23906	5.175	ug/L	98
25) Chloroform	4.378	83	92558	4.941	ug/L	99

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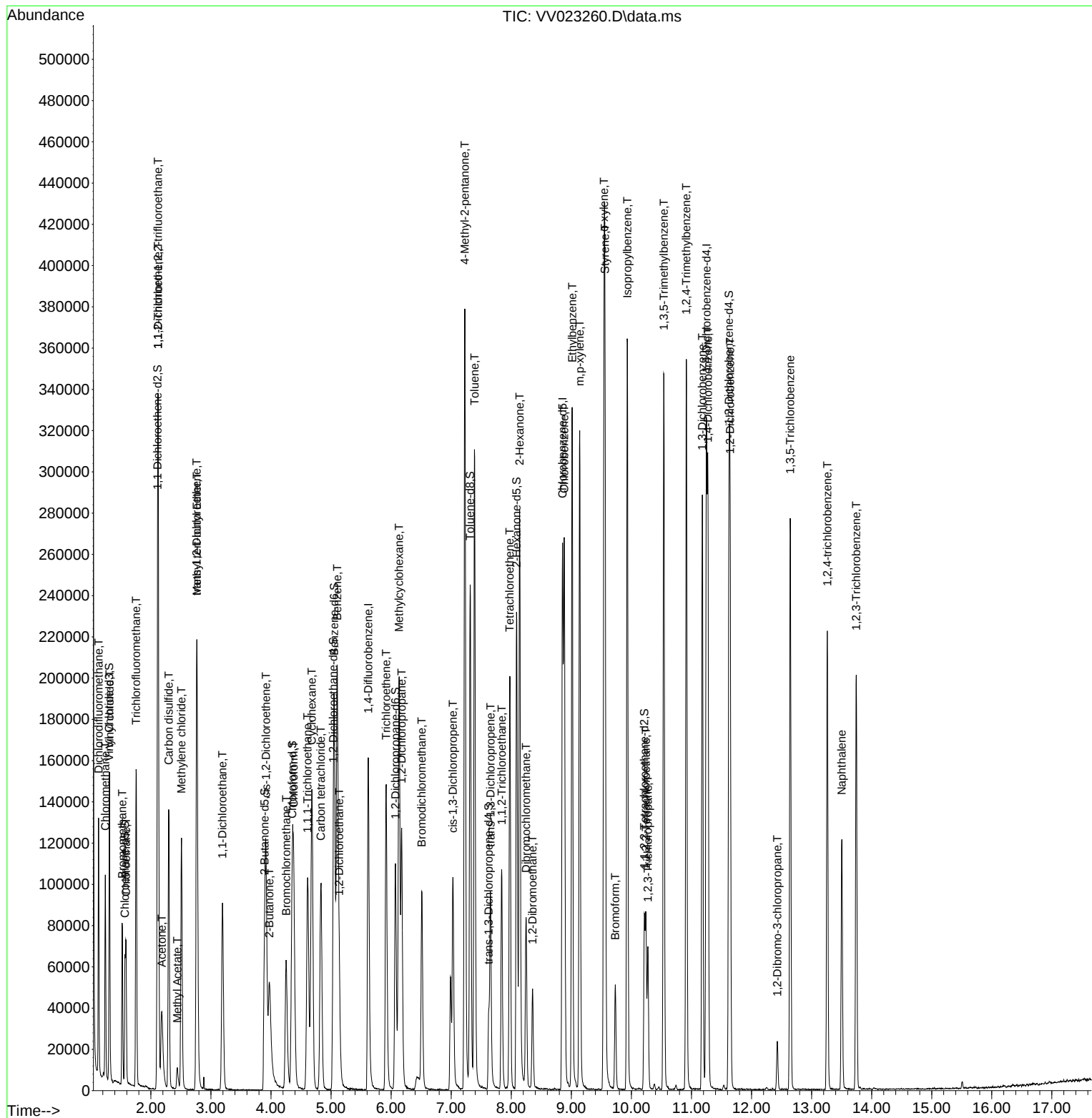
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	49906	5.009	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	83923	4.913	ug/L	98
30) Cyclohexane	4.680	56	75029	4.902	ug/L	99
31) Carbon tetrachloride	4.831	117	76367	4.978	ug/L	98
33) Benzene	5.101	78	205070	5.216	ug/L	100
34) Trichloroethene	5.918	95	52517	5.023	ug/L	96
35) Methylcyclohexane	6.133	83	79957	4.846	ug/L	98
37) 1,2-Dichloropropane	6.175	63	48538	5.289	ug/L	98
38) Bromodichloromethane	6.510	83	62735	5.101	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	63858	4.838	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	239138	56.181	ug/L	98
42) Toluene	7.387	91	223169	5.307	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	55340	5.053	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	33375	5.061	ug/L	94
47) Tetrachloroethene	7.976	164	46116	5.090	ug/L	98
48) 2-Hexanone	8.140	43	175176	57.380	ug/L	98
49) Dibromochloromethane	8.246	129	42287	5.061	ug/L	99
50) 1,2-Dibromoethane	8.355	107	31312	5.124	ug/L #	98
51) Chlorobenzene	8.882	112	140983	5.044	ug/L	99
52) Ethylbenzene	9.014	91	224251	5.057	ug/L	98
53) m,p-xylene	9.140	106	89658	5.151	ug/L	99
54) o-xylene	9.545	106	83696	5.126	ug/L	99
55) Styrene	9.561	104	146522	5.238	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	38464	5.324	ug/L	97
59) Bromoform	9.731	173	23545	4.998	ug/L	96
60) Isopropylbenzene	9.934	105	227589	5.028	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	26517	5.061	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	182630	4.866	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	187595	5.022	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	116157	5.023	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	117159	4.961	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	105019	5.075	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5668	5.078	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	85385	4.716	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	67793	4.675	ug/L	97
71) Naphthalene	13.503	128	95883	4.485	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60107	4.738	ug/L	99

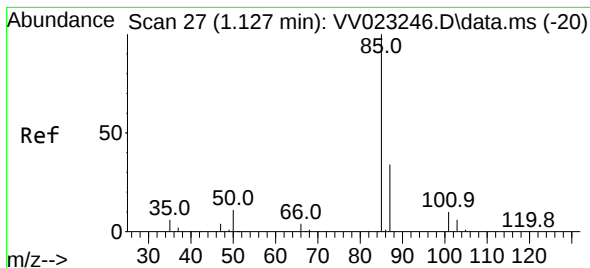
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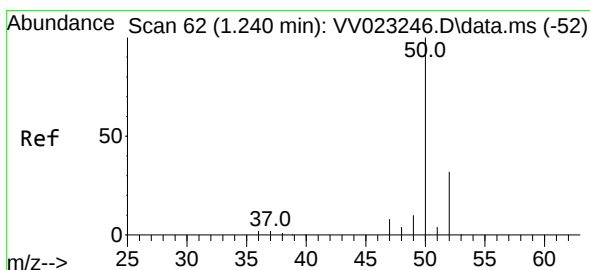
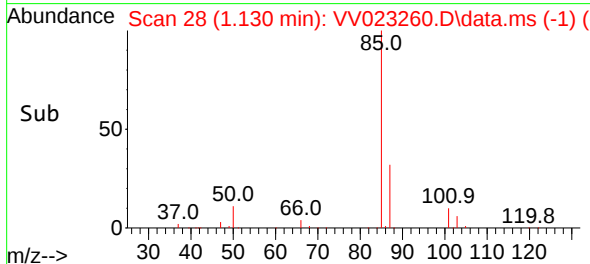
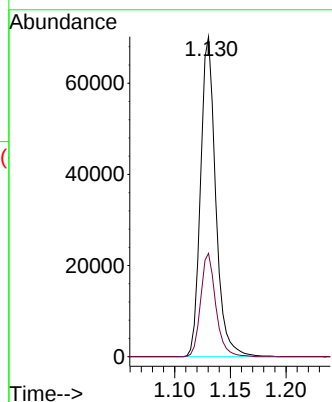
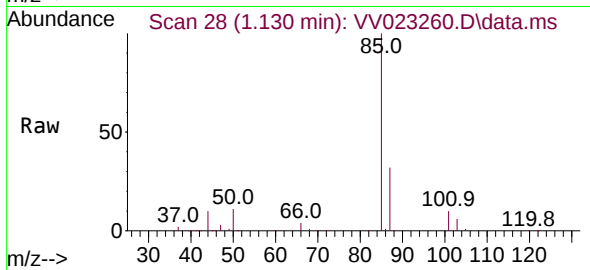




#2
 Dichlorodifluoromethane
 Concen: 4.802 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

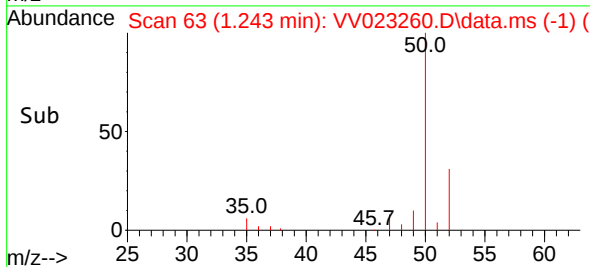
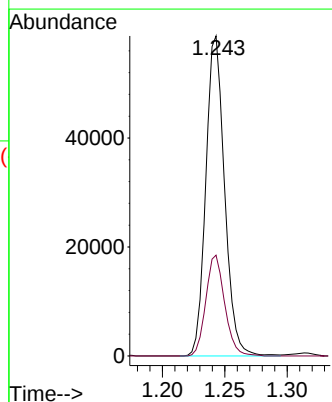
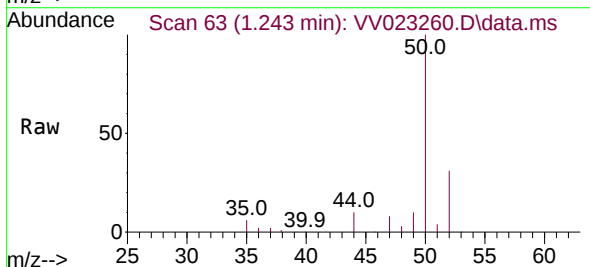
Instrument :
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 ClientSampleId :

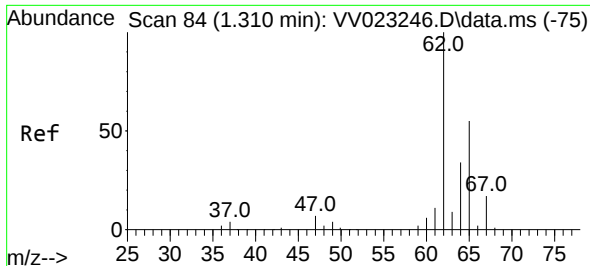
Tgt Ion: 85 Resp: 66480
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 5.223 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

Tgt Ion: 50 Resp: 61481
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.7 43.9

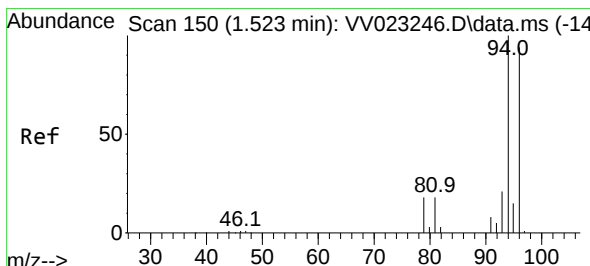
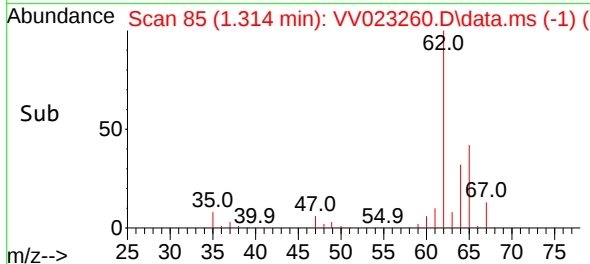
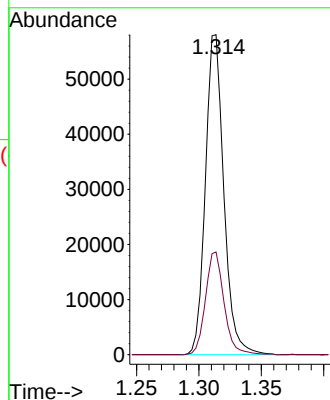
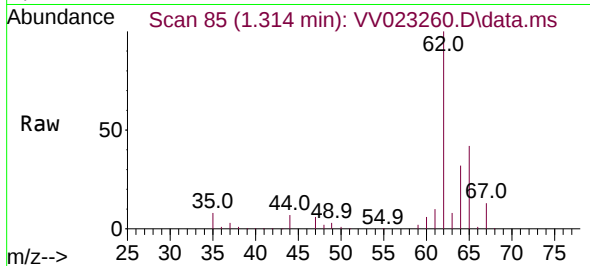




#5
 Vinyl chloride
 Concen: 5.084 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

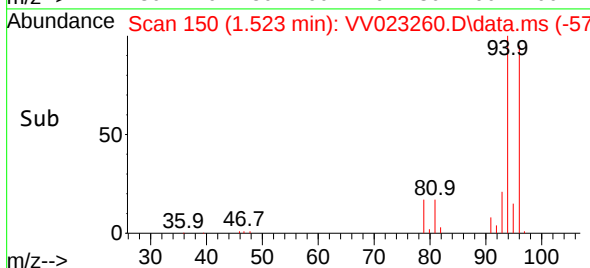
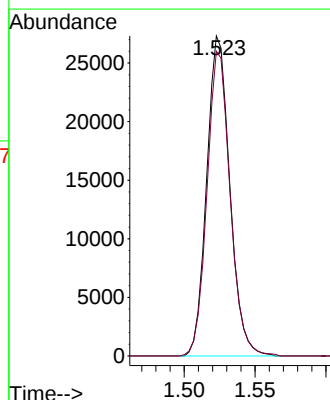
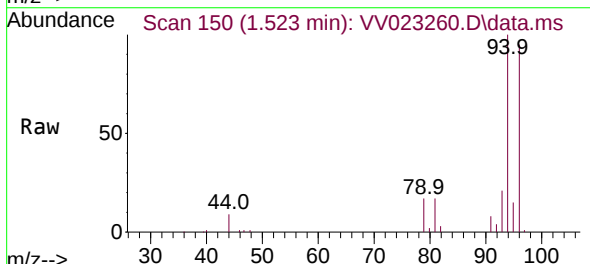
Instrument :
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 ClientSampleId :

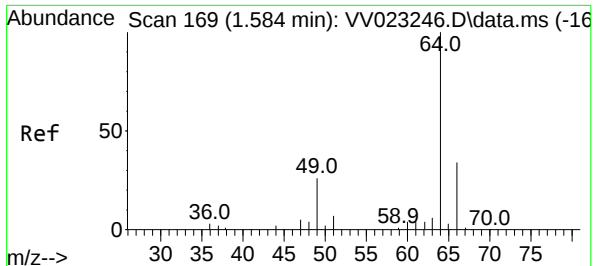
Tgt Ion: 62 Resp: 59766
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.7 43.9



#6
 Bromomethane
 Concen: 4.120 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

Tgt Ion: 94 Resp: 30959
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.7 122.1

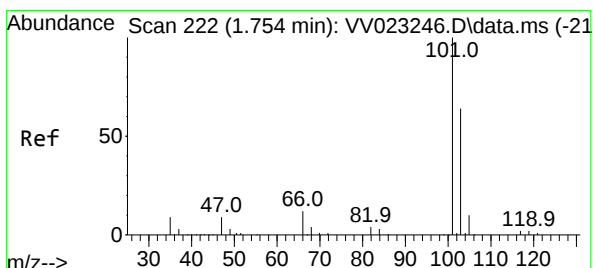
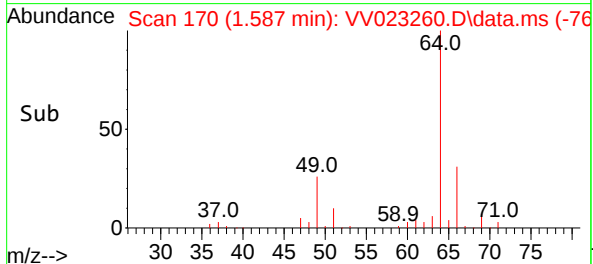
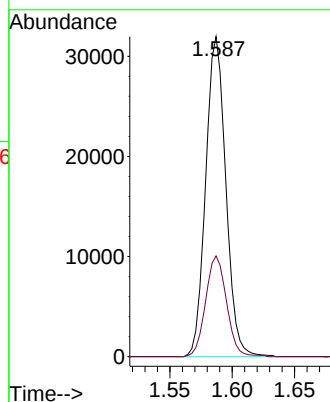
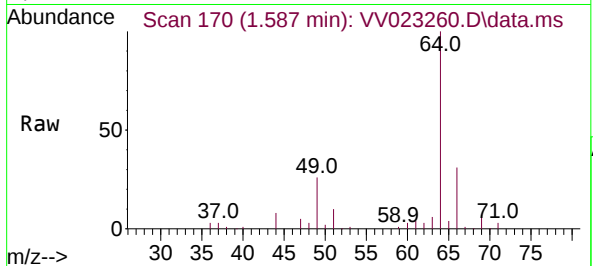




#8
Chloroethane
Concen: 5.301 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

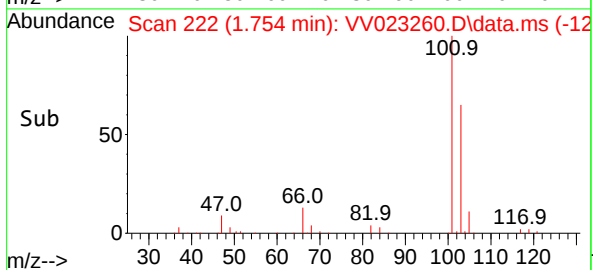
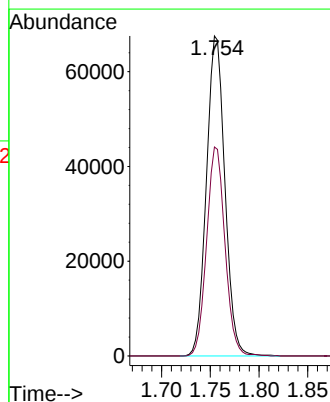
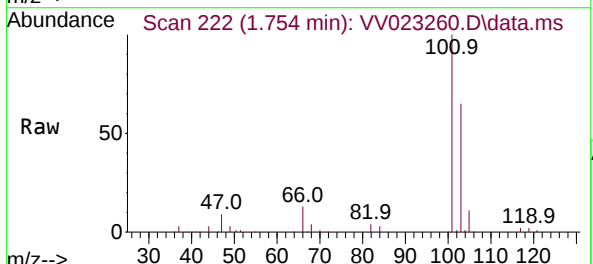
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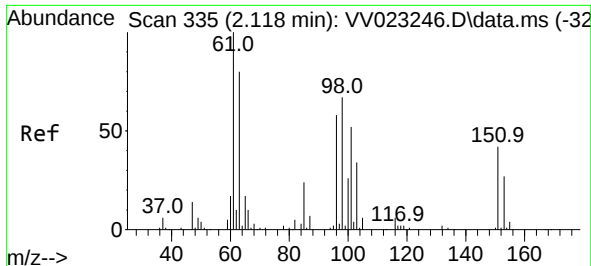
Tgt Ion: 64 Resp: 35964
Ion Ratio Lower Upper
64 100
66 31.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.050 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:101 Resp: 89213
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9





#10

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

Concen: 5.165 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

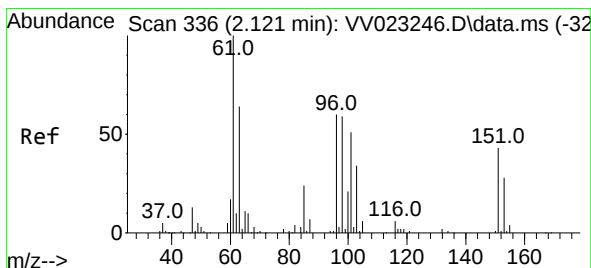
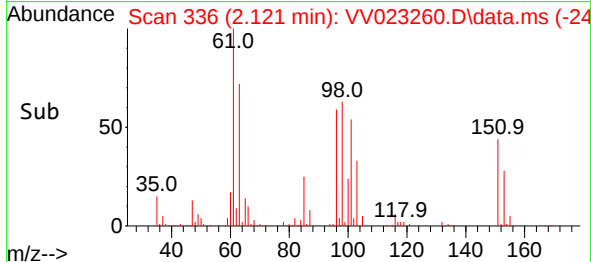
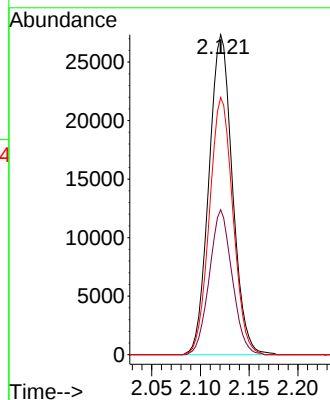
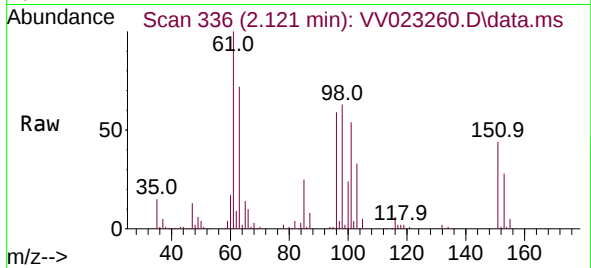
Tgt Ion:101 Resp: 45930

Ion Ratio Lower Upper

101 100

85 43.9 35.4 53.0

151 80.3 64.3 96.5



#12

1,1-Dichloroethene

Concen: 5.048 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

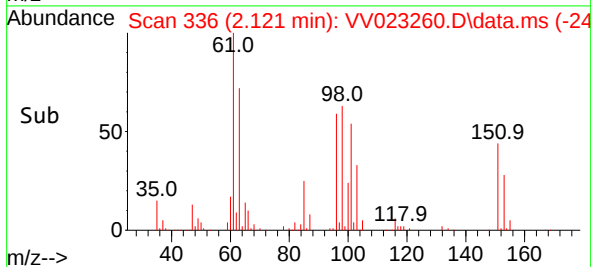
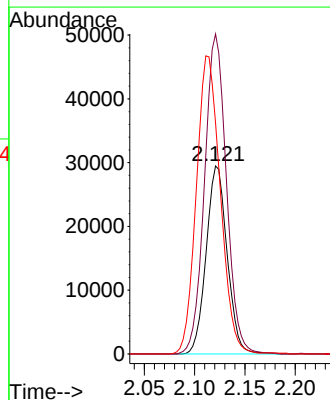
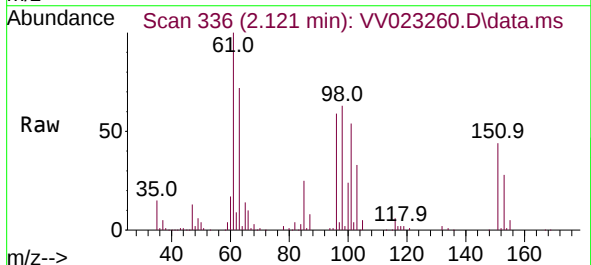
Tgt Ion: 96 Resp: 42738

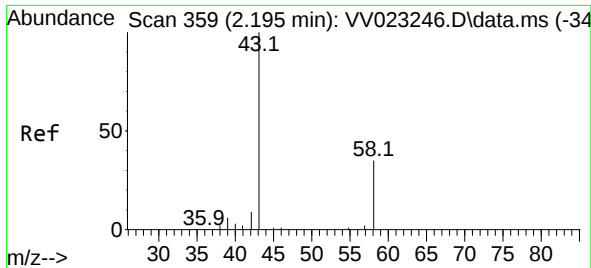
Ion Ratio Lower Upper

96 100

61 170.1 117.7 218.7

63 122.7 80.5 149.5





#13

Acetone

Concen: 61.808 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

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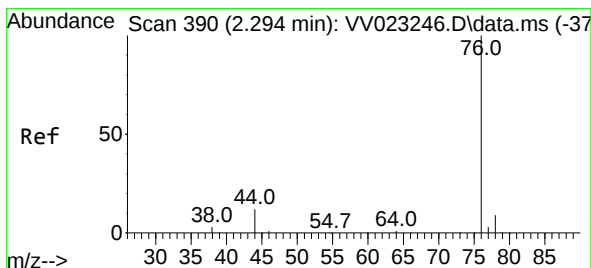
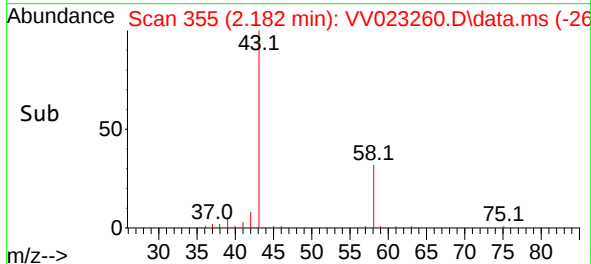
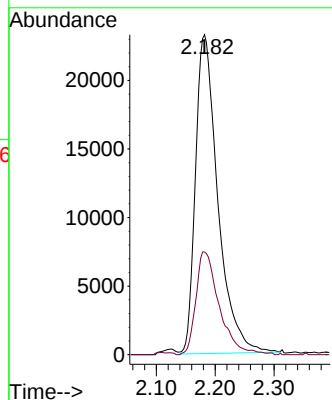
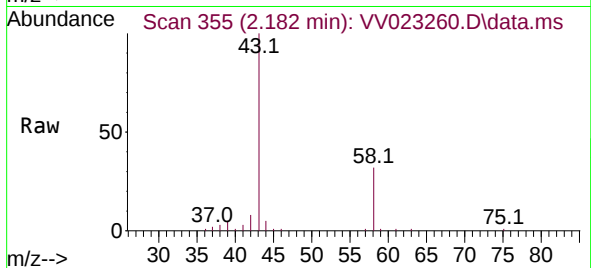
ClientSampleId :

Tgt Ion: 43 Resp: 61405

Ion Ratio Lower Upper

43 100

58 33.6 0.0 45.8



#14

Carbon disulfide

Concen: 4.769 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023260.D

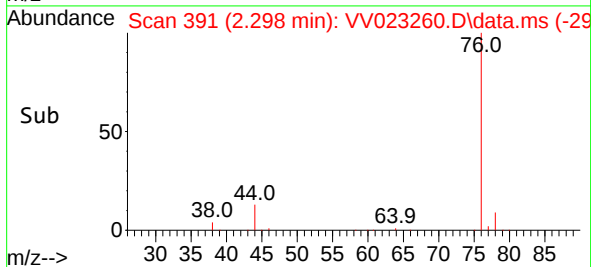
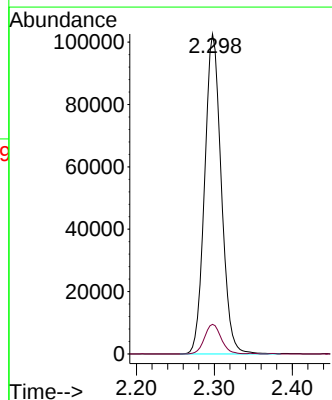
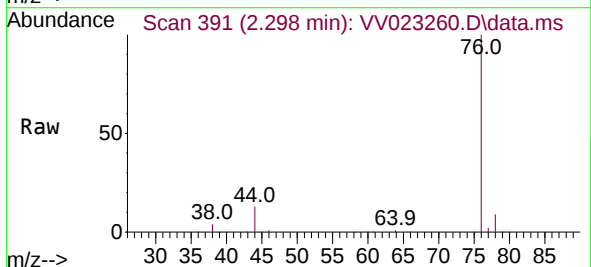
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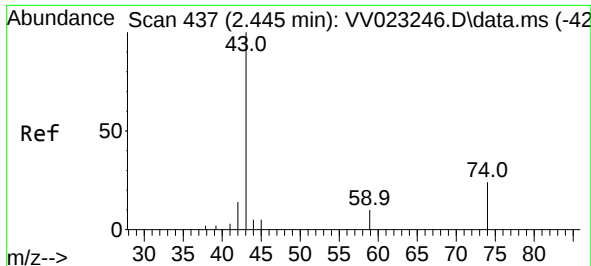
Tgt Ion: 76 Resp: 152382

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

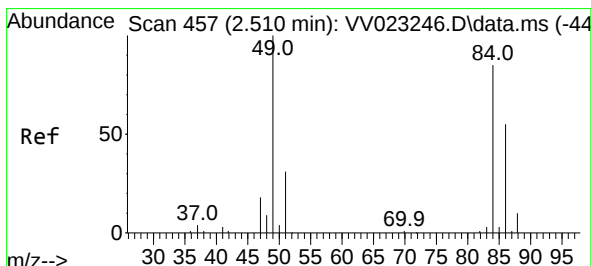
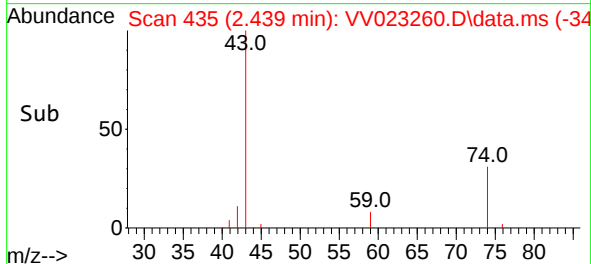
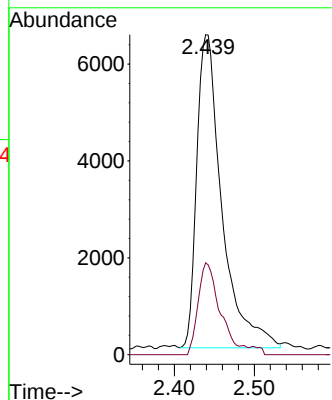
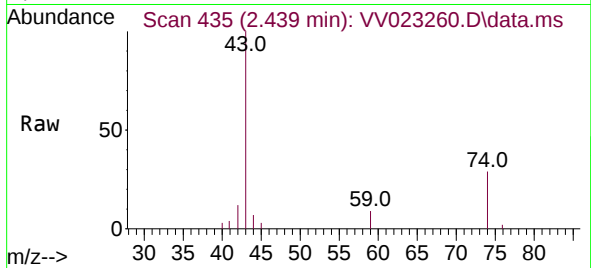




#15
Methyl Acetate
Concen: 3.729 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

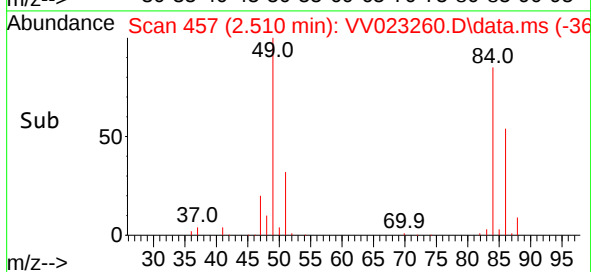
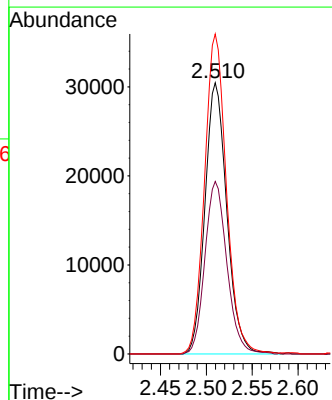
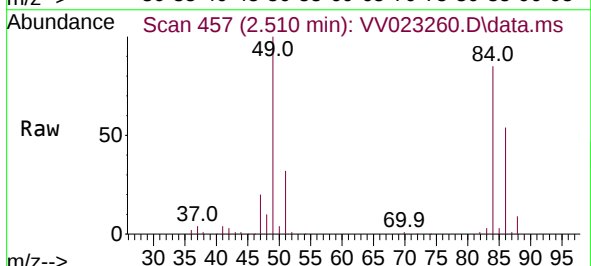
Instrument :
MSVOA_V
ClientSampleId :

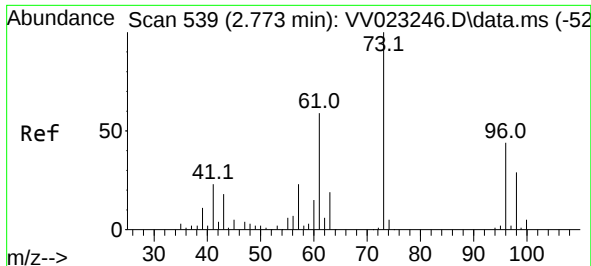
Tgt Ion: 43 Resp: 14169
Ion Ratio Lower Upper
43 100
74 25.8 16.0 24.0#



#16
Methylene chloride
Concen: 4.099 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

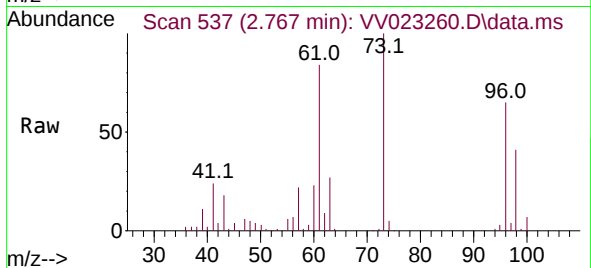
Tgt Ion: 84 Resp: 50654
Ion Ratio Lower Upper
84 100
86 63.6 43.3 80.5
49 118.0 84.1 156.1



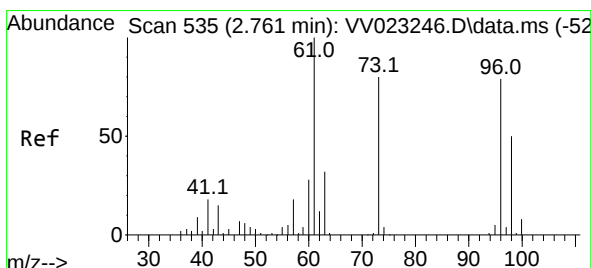
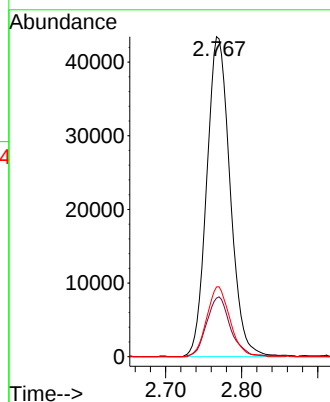
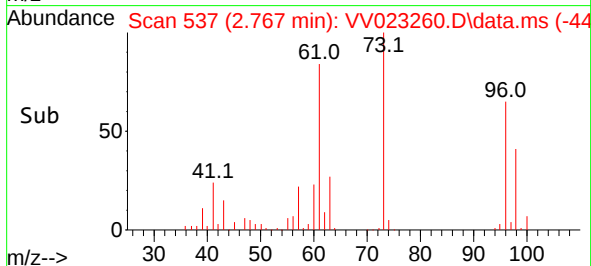


#17
Methyl tert-butyl Ether
Concen: 4.967 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

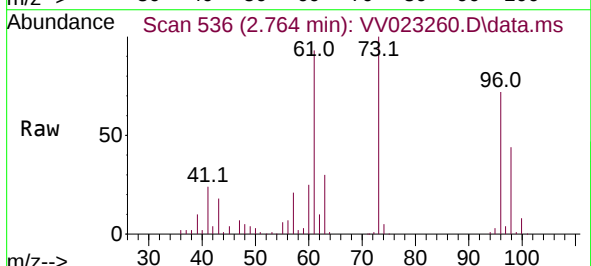
Instrument :
MSVOA_V
ClientSampleId :



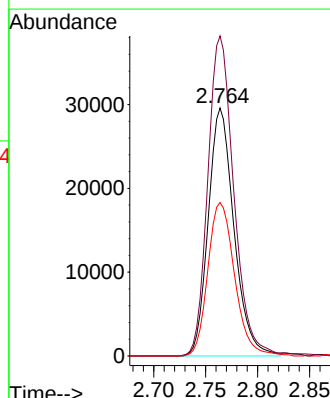
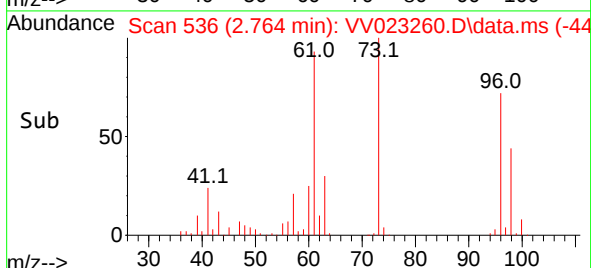
Tgt Ion: 73 Resp: 92570
Ion Ratio Lower Upper
73 100
43 18.9 14.2 21.4
57 21.8 17.8 26.8

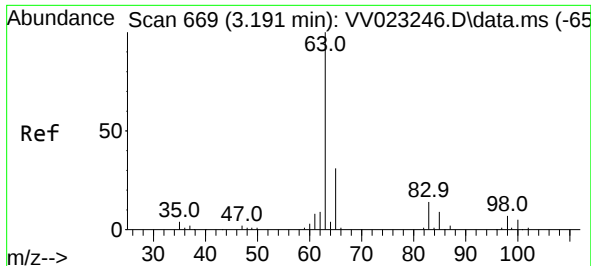


#18
trans-1,2-Dichloroethene
Concen: 4.901 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31



Tgt Ion: 96 Resp: 51011
Ion Ratio Lower Upper
96 100
61 129.0 89.2 165.6
98 61.9 41.9 77.9





#19

1,1-Dichloroethane

Concen: 5.112 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

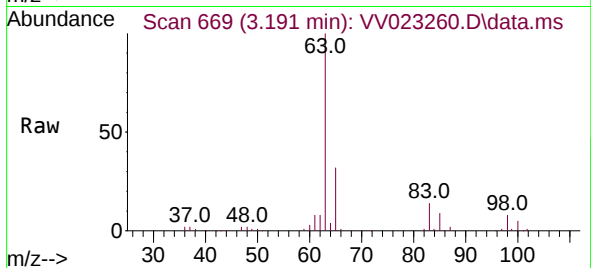
Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :



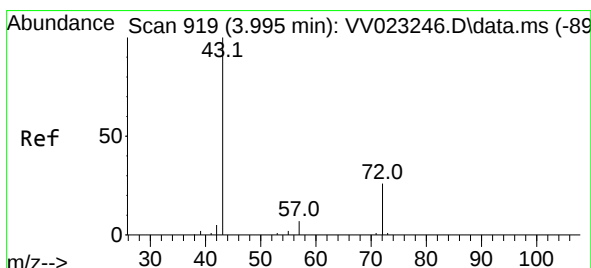
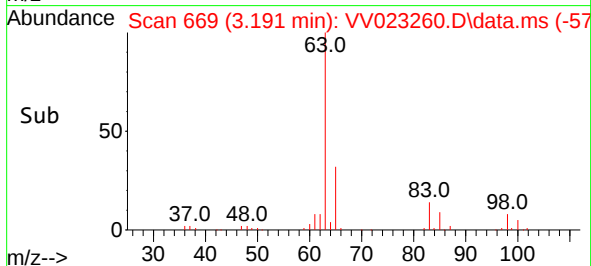
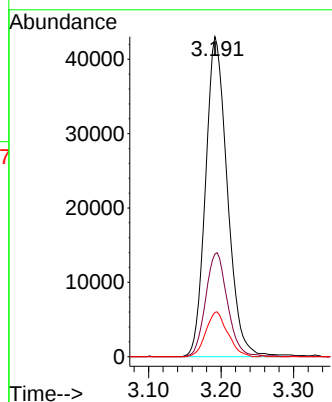
Tgt Ion: 63 Resp: 89838

Ion Ratio Lower Upper

63 100

65 32.1 21.6 40.2

83 13.9 9.8 18.2



#21

2-Butanone

Concen: 74.783 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.023 min

Lab File: VV023260.D

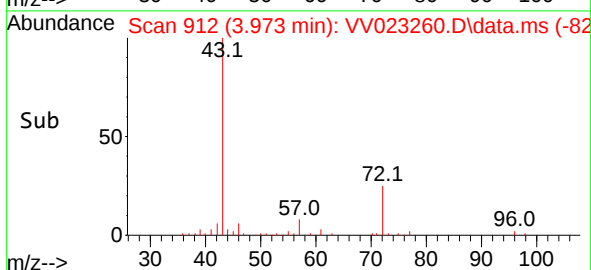
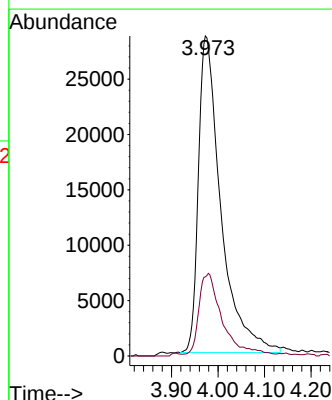
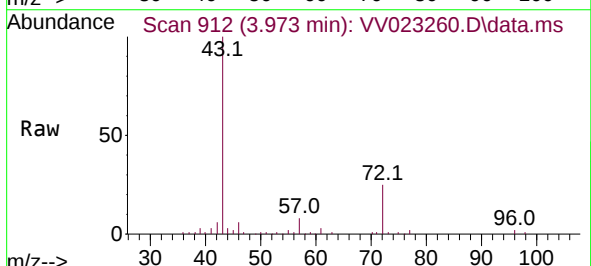
Acq: 06 Nov 2021 02:31

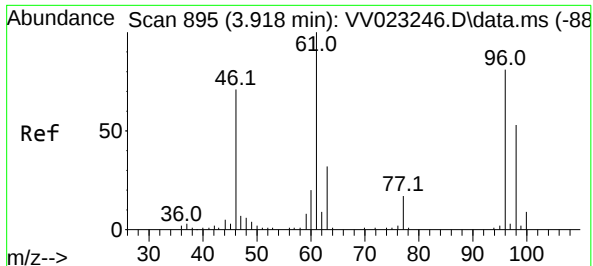
Tgt Ion: 43 Resp: 95937

Ion Ratio Lower Upper

43 100

72 26.3 11.6 34.7





#22

cis-1,2-Dichloroethene

Concen: 5.124 ug/L

RT: 3.915 min Scan# 895

Delta R.T. -0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

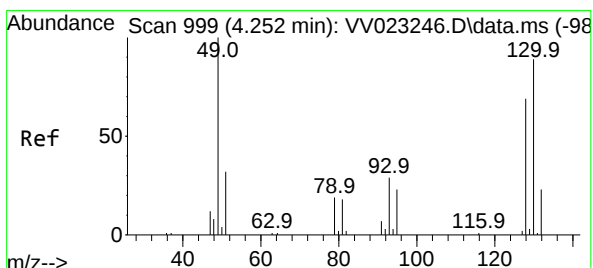
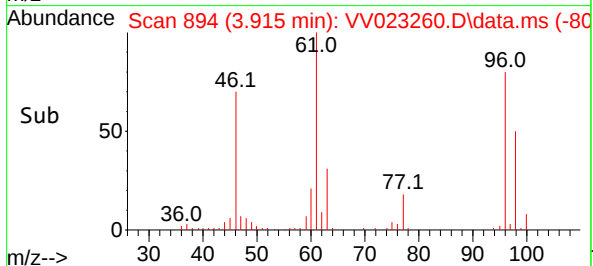
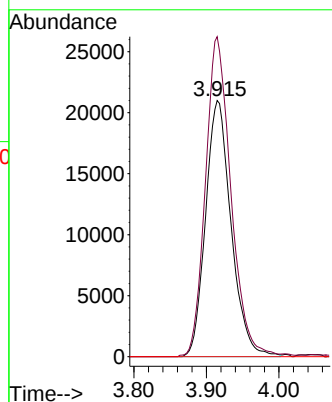
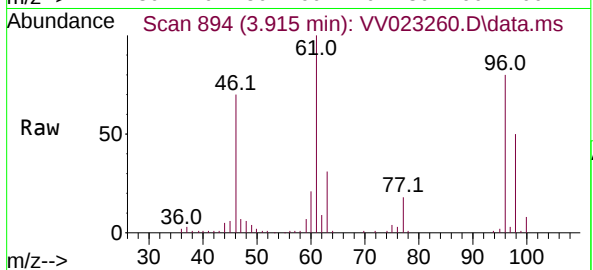
Tgt Ion: 96 Resp: 51323

Ion Ratio Lower Upper

96 100

61 124.9 86.7 160.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.175 ug/L

RT: 4.252 min Scan# 999

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Tgt Ion: 128 Resp: 23906

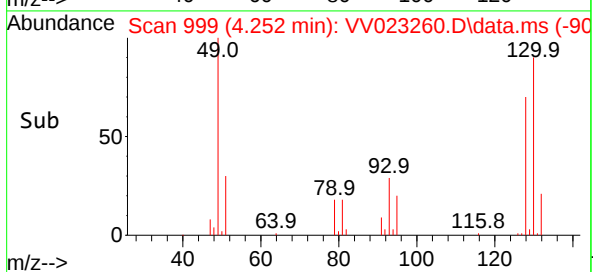
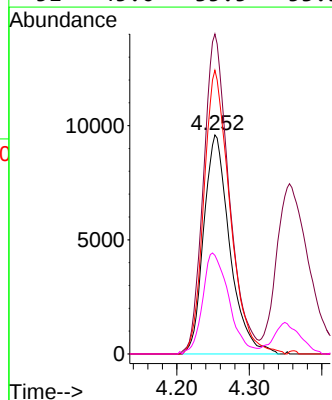
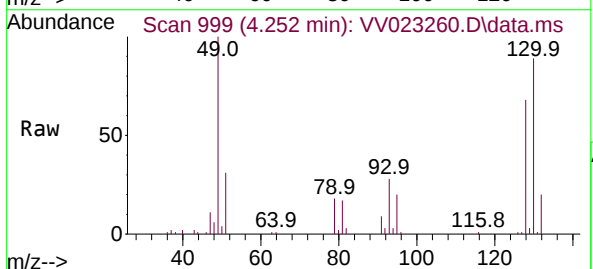
Ion Ratio Lower Upper

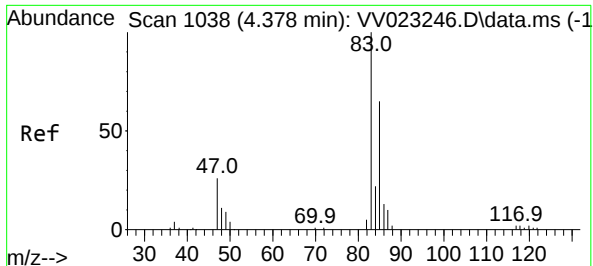
128 100

49 146.0 103.0 191.4

130 129.4 86.7 161.1

51 45.0 35.5 53.3





#25

Chloroform

Concen: 4.941 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

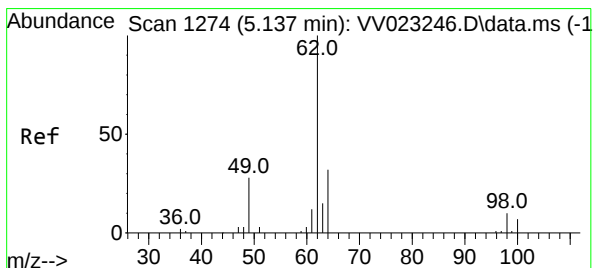
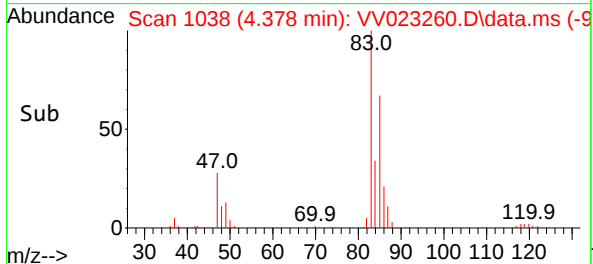
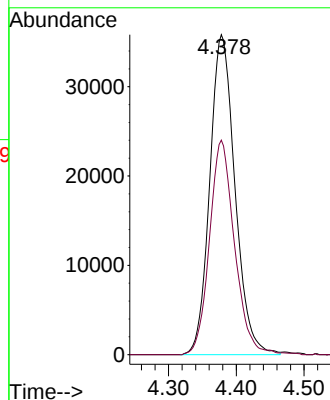
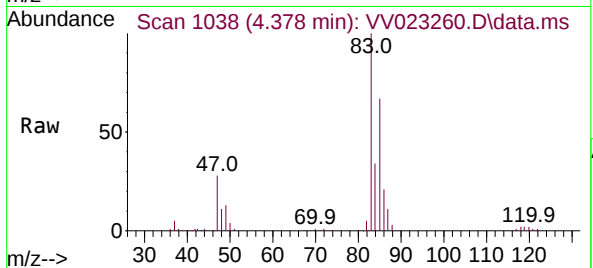
ClientSampleId :

Tgt Ion: 83 Resp: 92558

Ion Ratio Lower Upper

83 100

85 67.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 5.009 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV023260.D

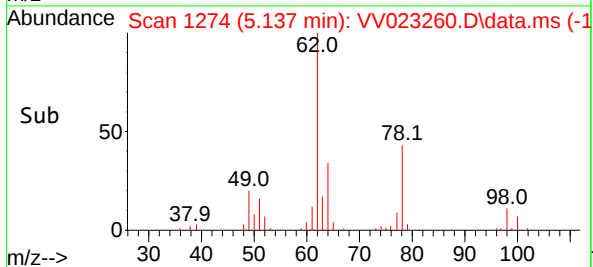
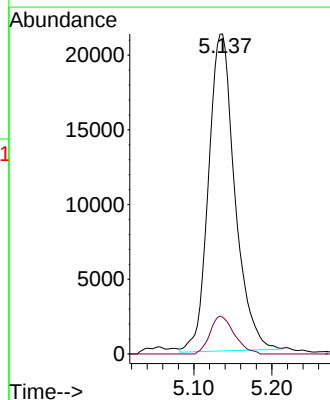
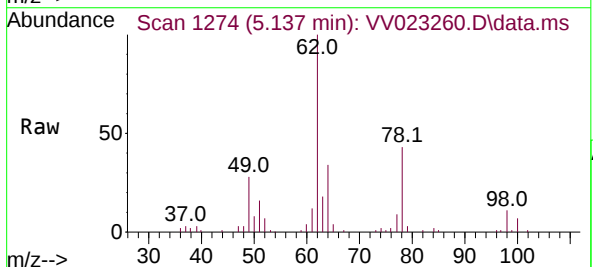
Acq: 06 Nov 2021 02:31

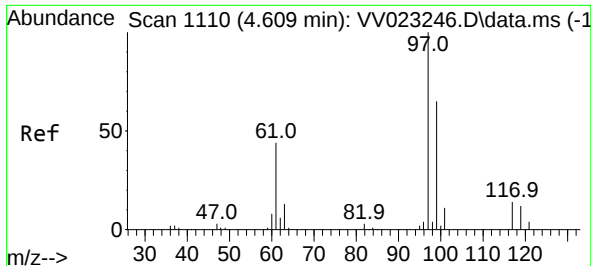
Tgt Ion: 62 Resp: 49906

Ion Ratio Lower Upper

62 100

98 11.5 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 4.913 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

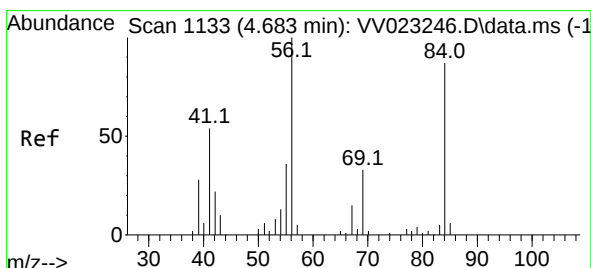
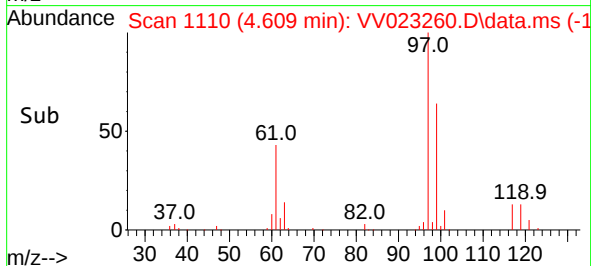
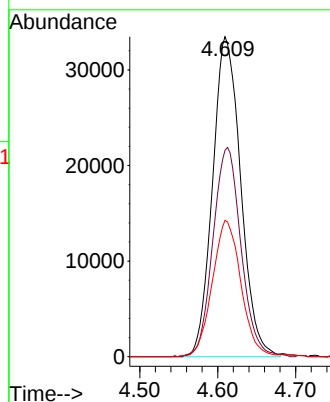
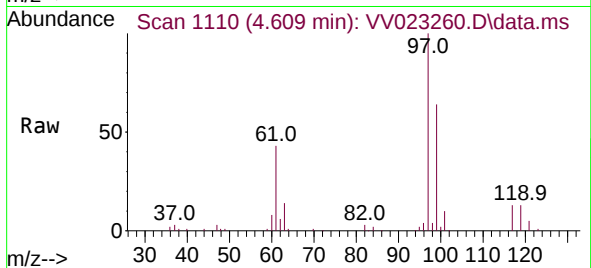
Tgt Ion: 97 Resp: 83923

Ion Ratio Lower Upper

97 100

99 65.2 51.3 76.9

61 43.3 33.5 50.3



#30

Cyclohexane

Concen: 4.902 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

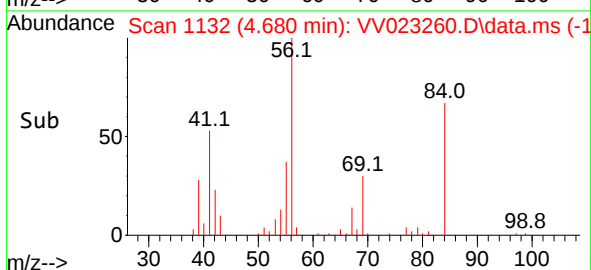
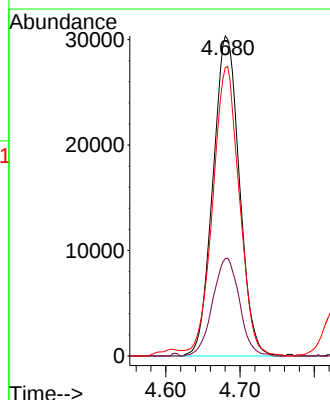
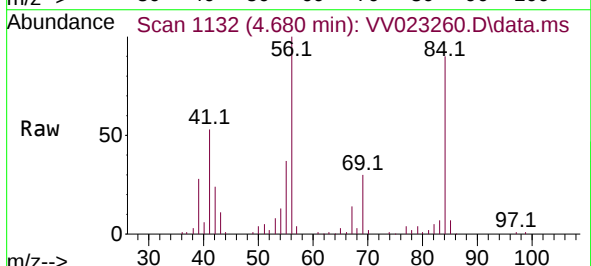
Tgt Ion: 56 Resp: 75029

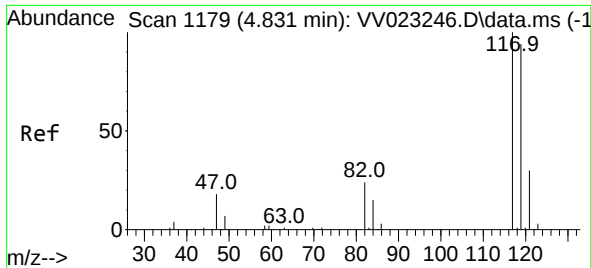
Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 91.4 73.8 110.6

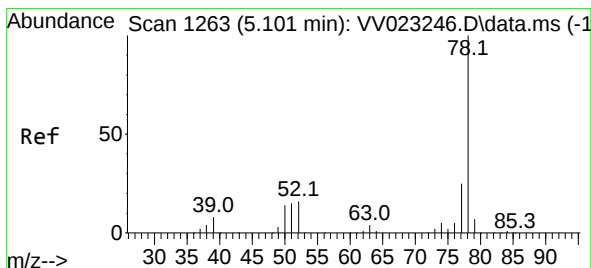
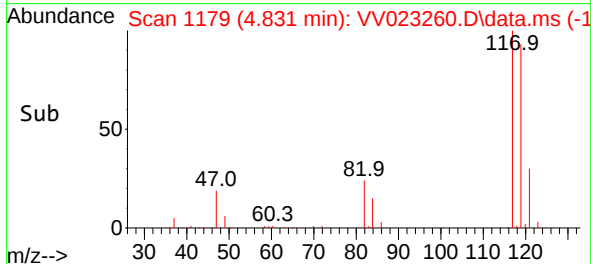
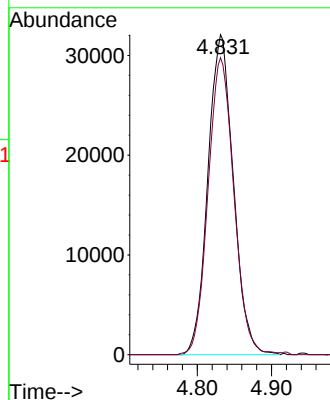
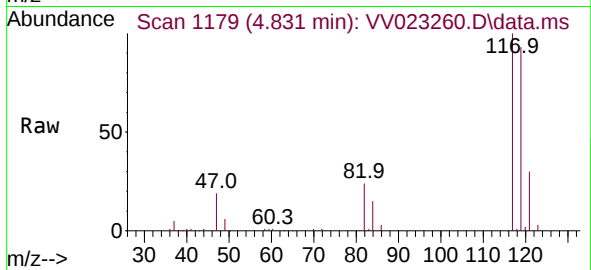




#31
Carbon tetrachloride
Concen: 4.978 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

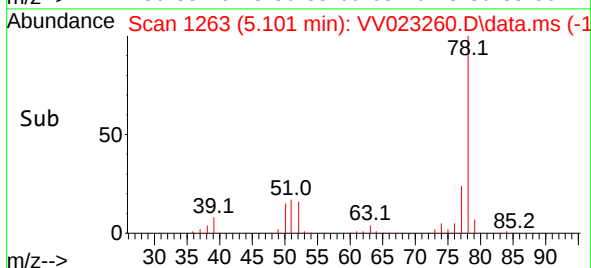
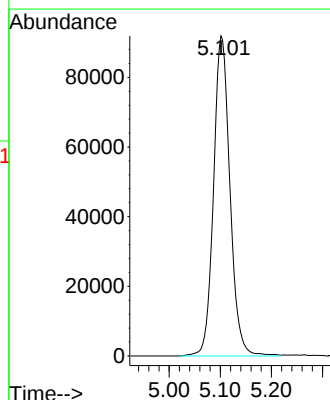
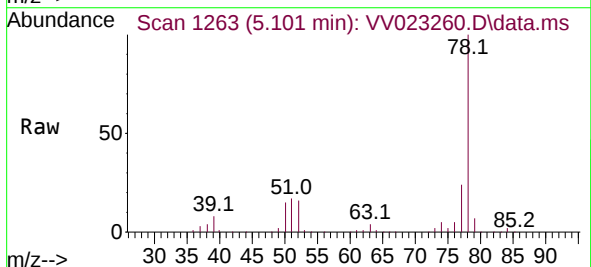
Instrument :
MSVOA_V
ClientSampleId :

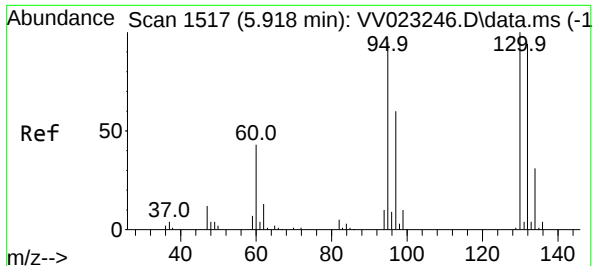
Tgt Ion:117 Resp: 76367
Ion Ratio Lower Upper
117 100
119 94.0 76.6 114.8



#33
Benzene
Concen: 5.216 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 78 Resp: 205070

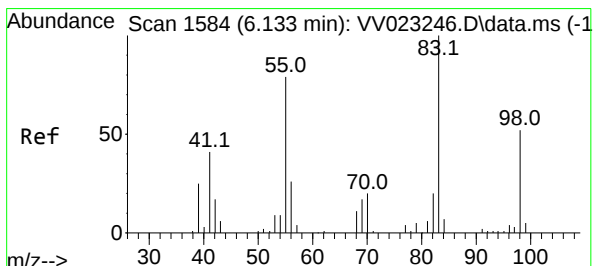
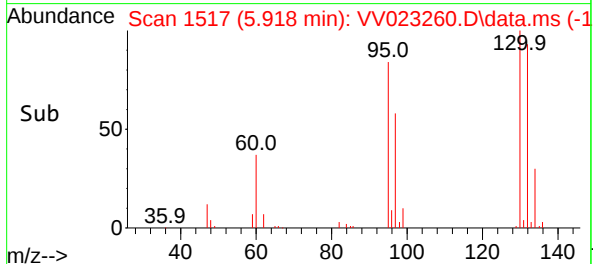
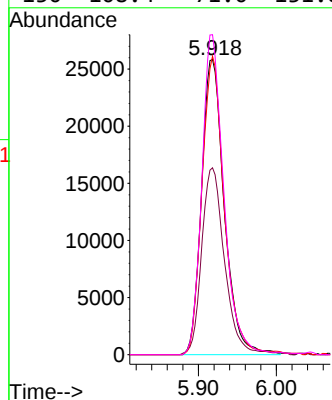
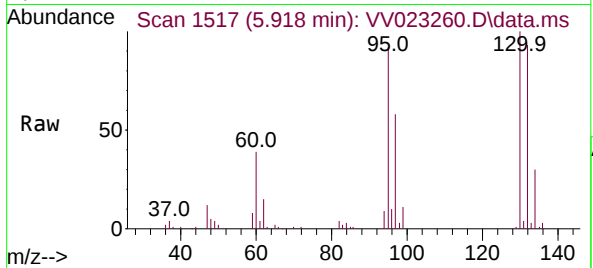




#34
Trichloroethene
Concen: 5.023 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

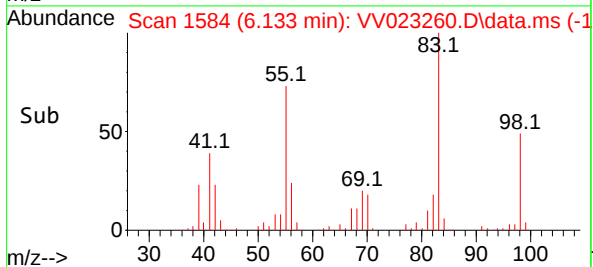
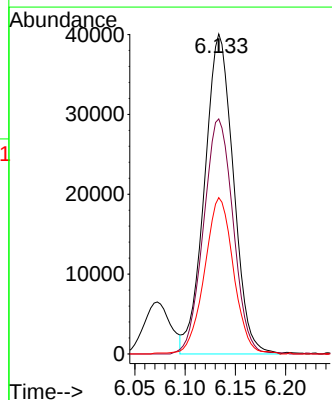
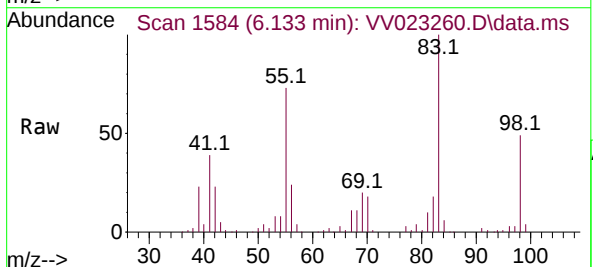
Instrument :
MSVOA_V
ClientSampleId :

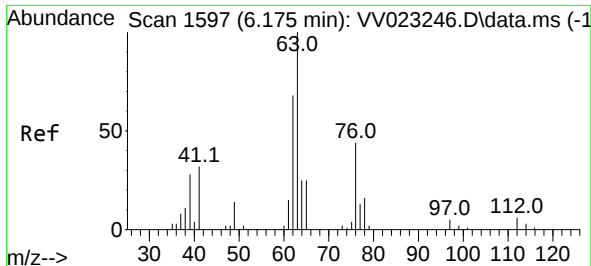
Tgt Ion: 95 Resp: 52517
Ion Ratio Lower Upper
95 100
97 63.3 43.3 80.5
132 101.1 70.0 130.0
130 108.4 71.0 131.8



#35
Methylcyclohexane
Concen: 4.846 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 83 Resp: 79957
Ion Ratio Lower Upper
83 100
55 75.7 59.6 89.4
98 49.2 40.6 61.0

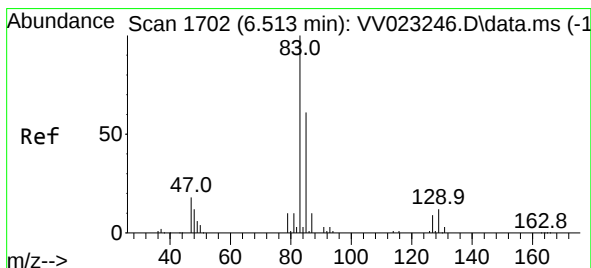
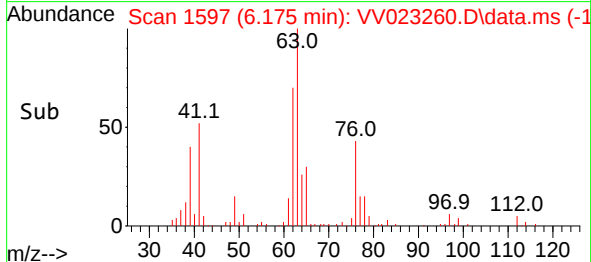
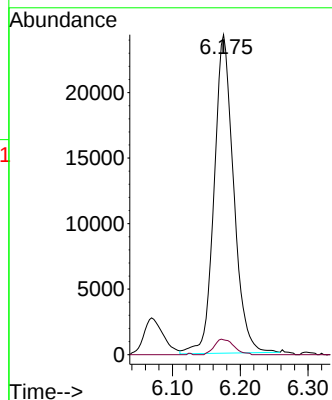
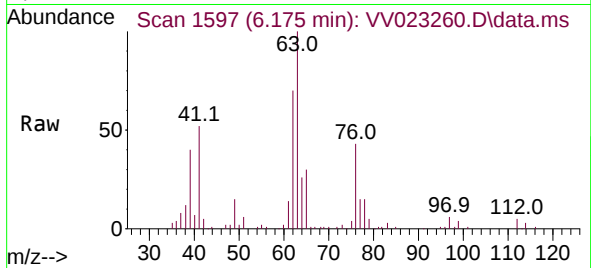




#37
1,2-Dichloropropane
Concen: 5.289 ug/L
RT: 6.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

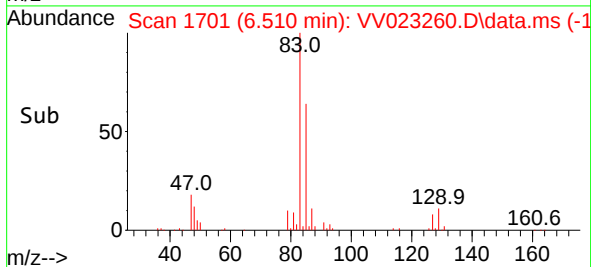
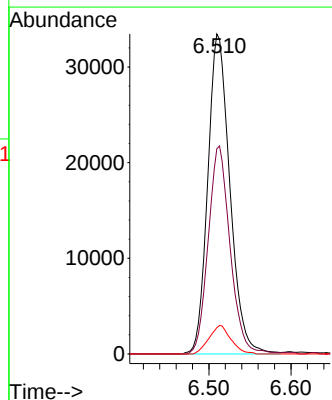
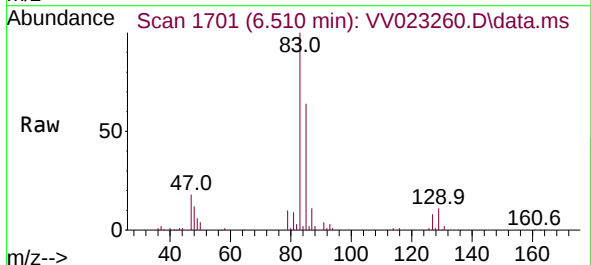
Instrument :
MSVOA_V
ClientSampleId :

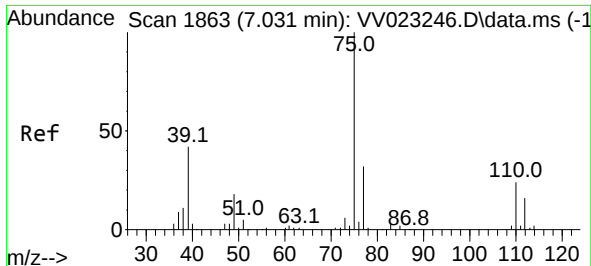
Tgt Ion: 63 Resp: 48538
Ion Ratio Lower Upper
63 100
112 4.9 4.5 6.7



#38
Bromodichloromethane
Concen: 5.101 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 83 Resp: 62735
Ion Ratio Lower Upper
83 100
85 64.1 46.1 85.5
127 8.2 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.838 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

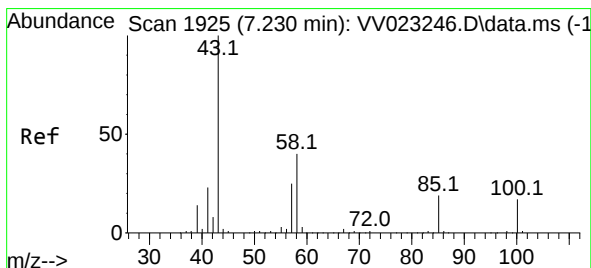
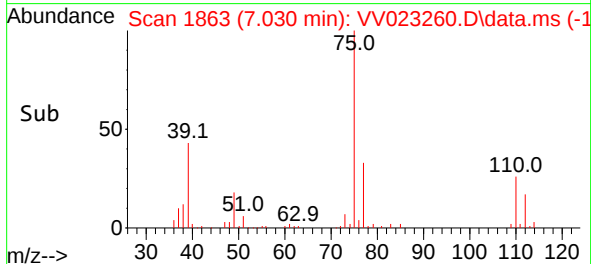
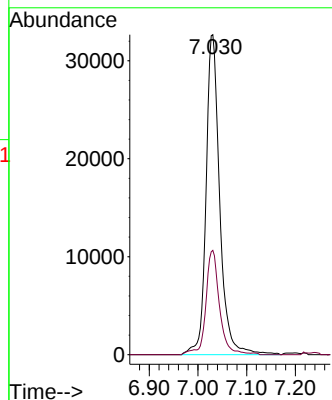
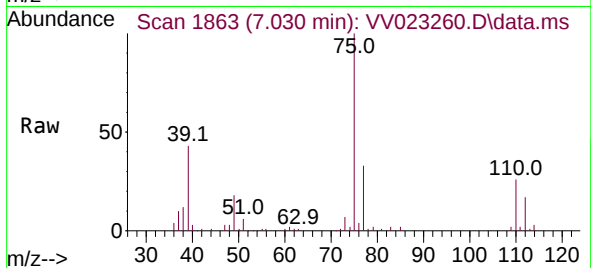
ClientSampleId :

Tgt Ion: 75 Resp: 63858

Ion Ratio Lower Upper

75 100

77 32.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 56.181 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

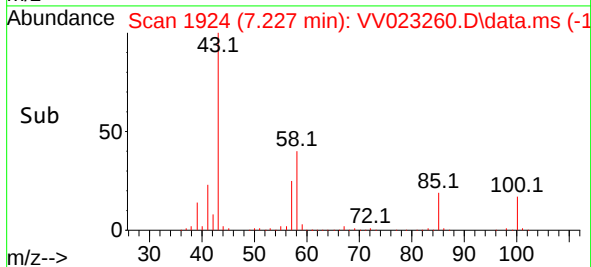
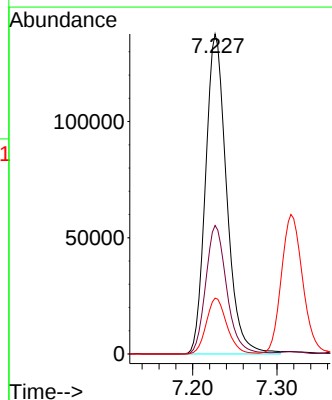
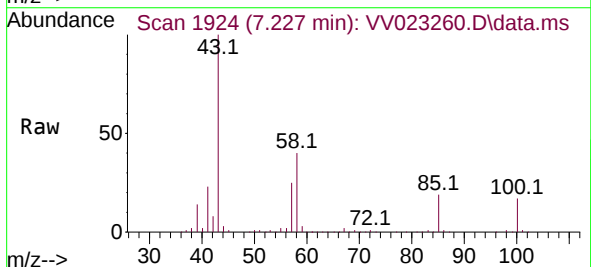
Tgt Ion: 43 Resp: 239138

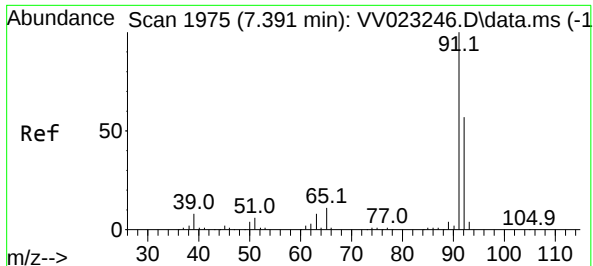
Ion Ratio Lower Upper

43 100

58 40.3 33.3 49.9

100 17.1 13.0 19.6

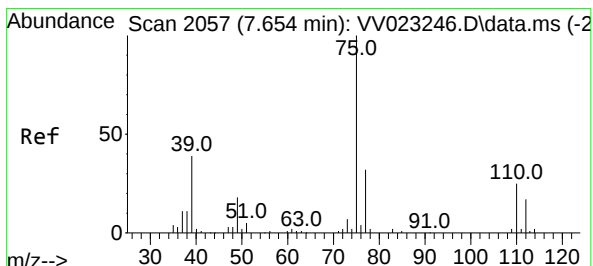
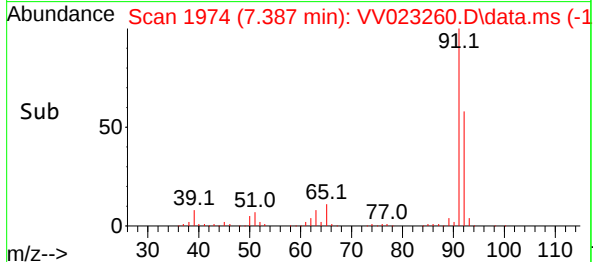
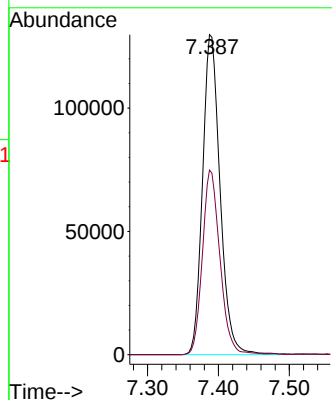
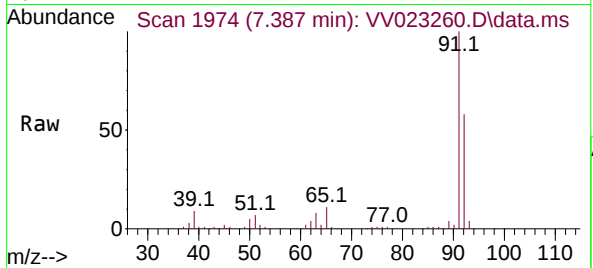




#42
Toluene
Concen: 5.307 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

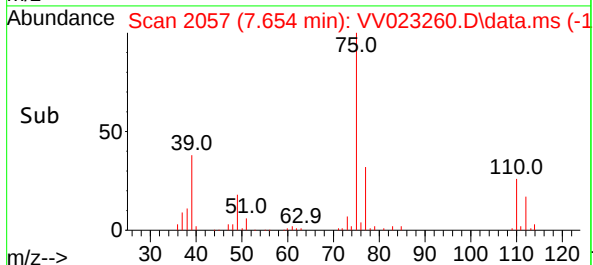
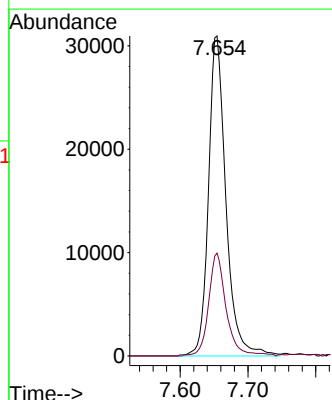
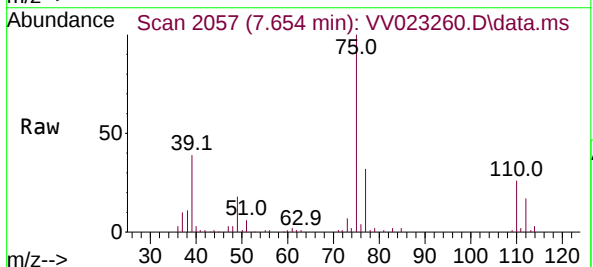
Instrument :
MSVOA_V
ClientSampleId :

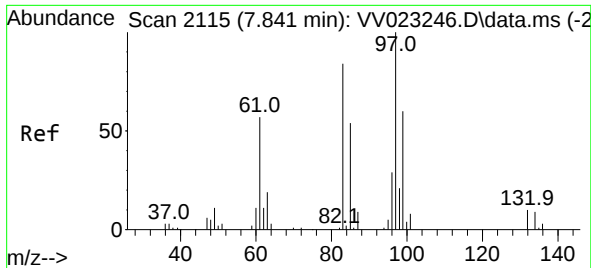
Tgt Ion: 91 Resp: 223169
Ion Ratio Lower Upper
91 100
92 57.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.053 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 75 Resp: 55340
Ion Ratio Lower Upper
75 100
77 32.2 21.3 39.6

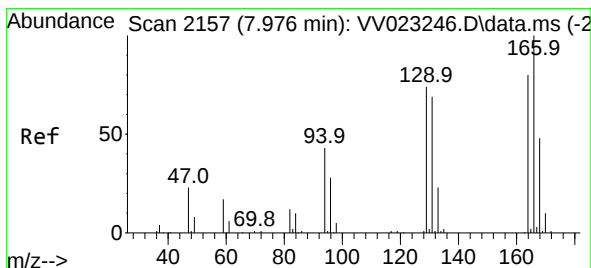
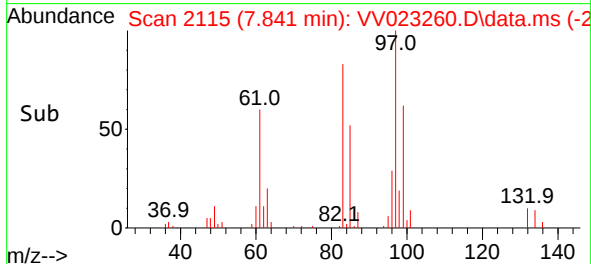
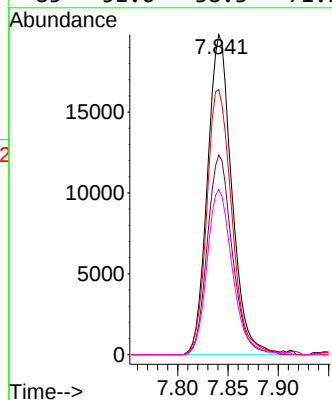
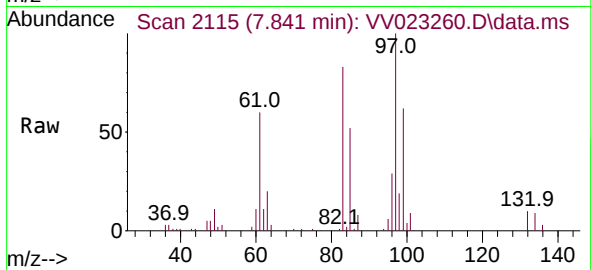




#45
1,1,2-Trichloroethane
Concen: 5.061 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

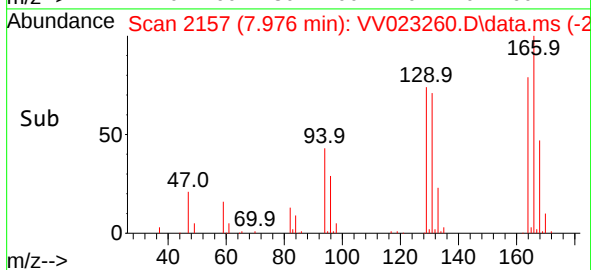
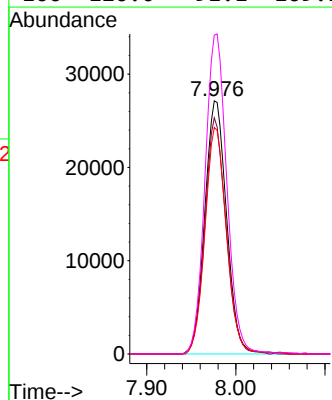
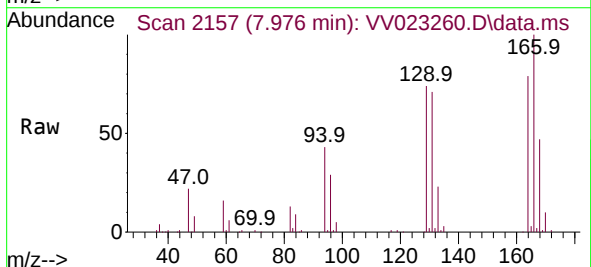
Instrument :
MSVOA_V
ClientSampleId :

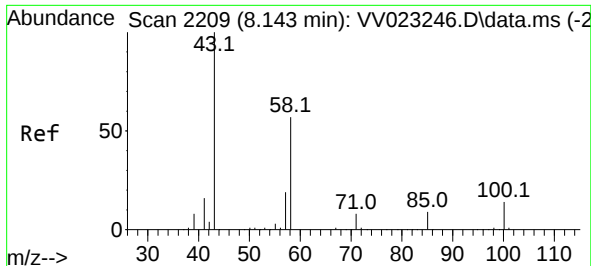
Tgt Ion: 97	Resp: 33375
Ion Ratio	Lower Upper
97 100	
99 62.4	47.0 87.4
83 82.9	62.6 116.3
85 51.6	38.3 71.1



#47
Tetrachloroethene
Concen: 5.090 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt	Ion:164	Resp:	46116
Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.5	121.7
131	89.4	63.9	118.7
166	126.0	91.1	169.1

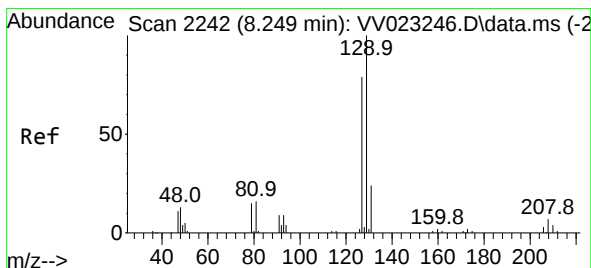
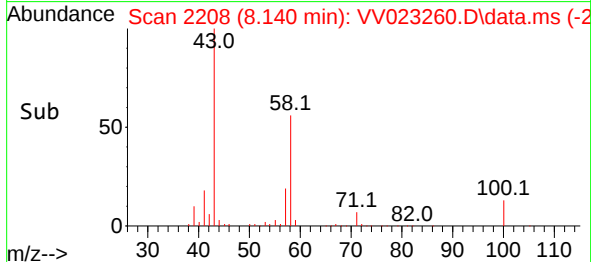
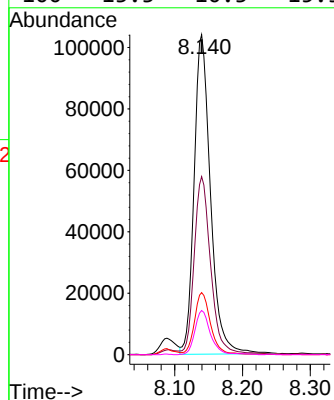
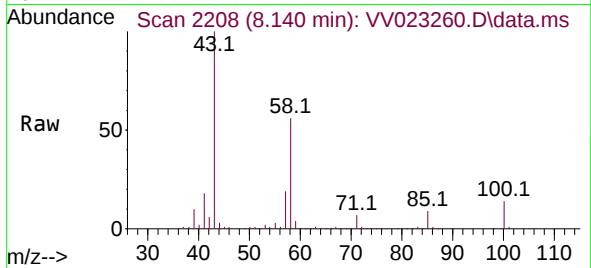




#48
2-Hexanone
Concen: 57.380 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

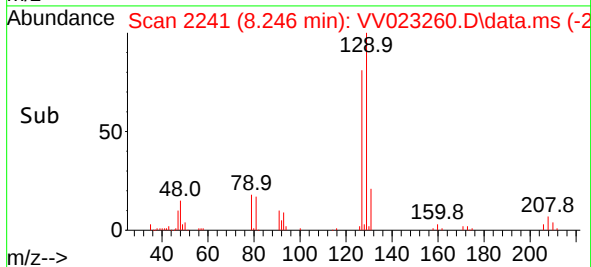
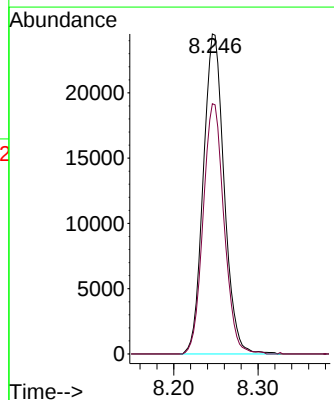
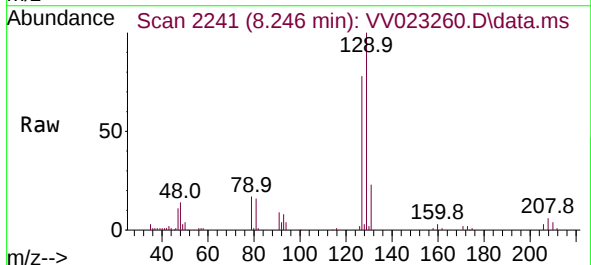
Instrument :
MSVOA_V
ClientSampleId :

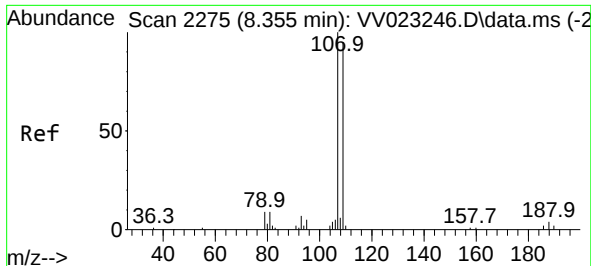
Tgt Ion: 43 Resp: 175176
Ion Ratio Lower Upper
43 100
58 55.6 43.0 64.6
57 18.7 14.9 22.3
100 13.3 10.3 15.5



#49
Dibromochloromethane
Concen: 5.061 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:129 Resp: 42287
Ion Ratio Lower Upper
129 100
127 78.2 54.4 101.0





#50

1,2-Dibromoethane

Concen: 5.124 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

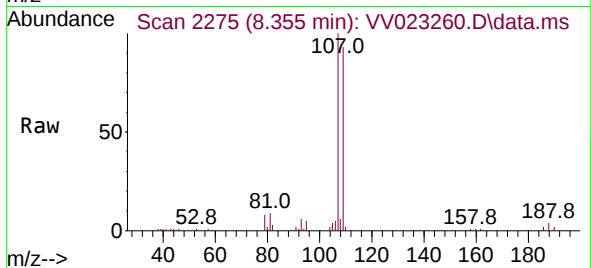
Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

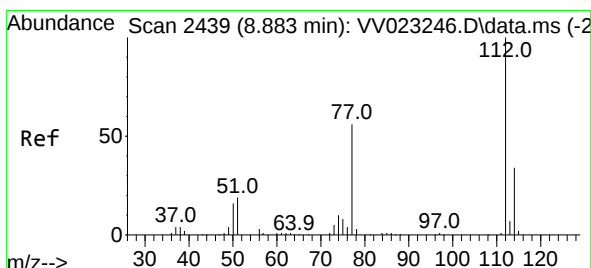
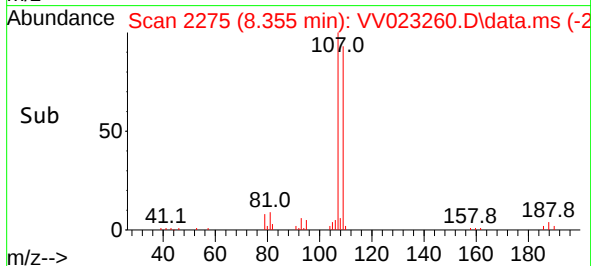
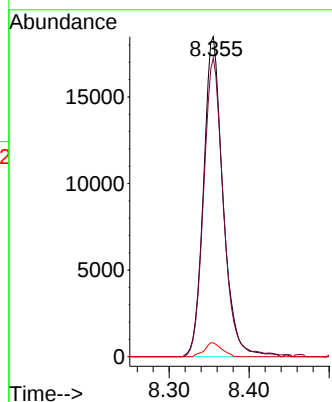
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	31312
Ion	Ratio	Lower	Upper
107	100		
109	93.3	67.0	124.4
188	4.3	2.9	4.3



#51

Chlorobenzene

Concen: 5.044 ug/L

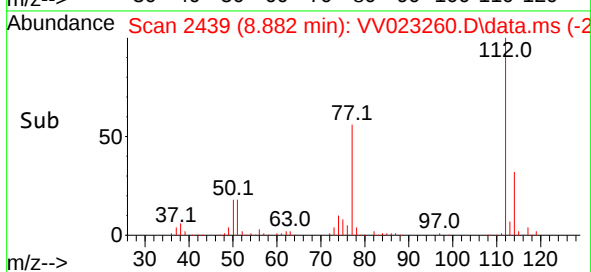
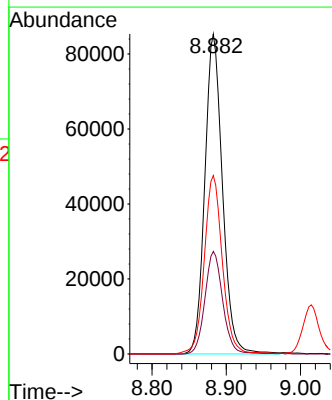
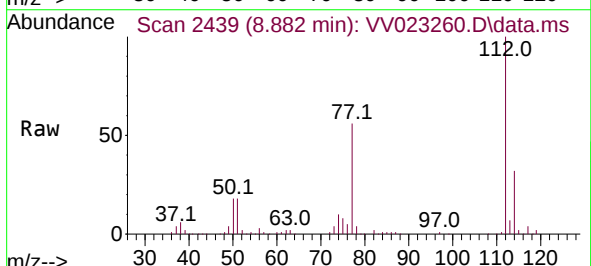
RT: 8.882 min Scan# 2439

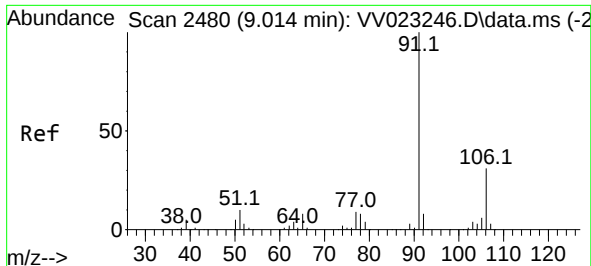
Delta R.T. -0.000 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Tgt Ion:	112	Resp:	140983
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.4	41.6
77	55.8	43.8	65.8

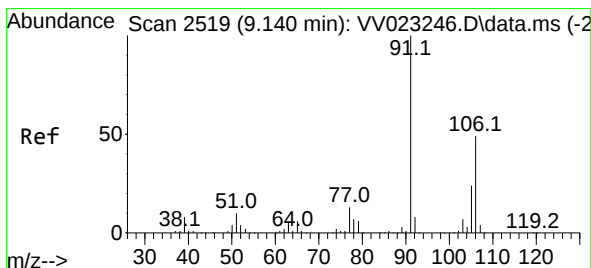
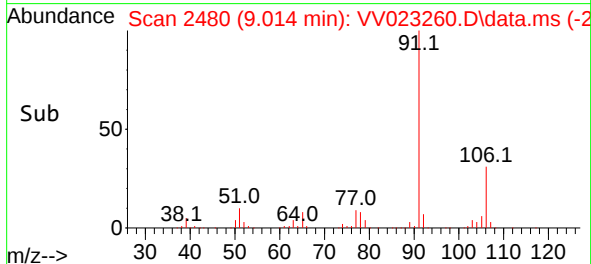
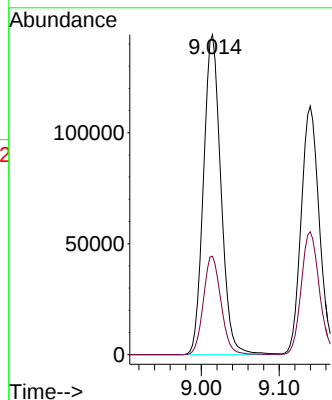
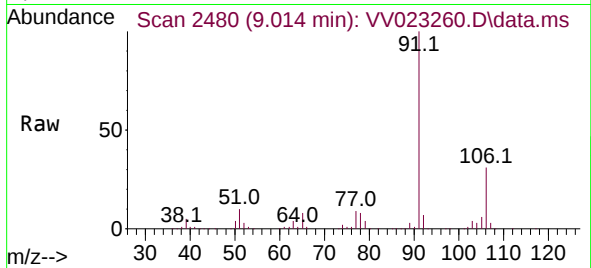




#52
Ethylbenzene
Concen: 5.057 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

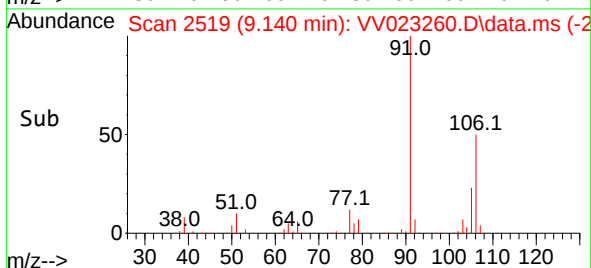
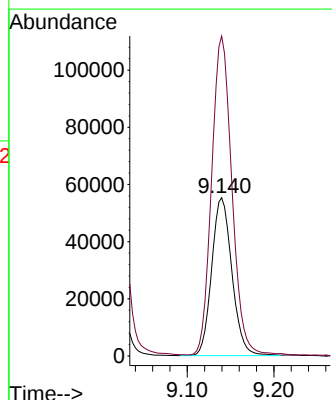
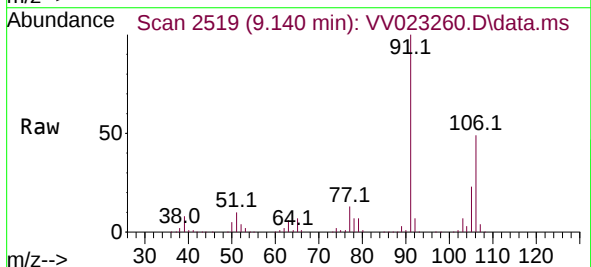
Instrument :
MSVOA_V
ClientSampleId :

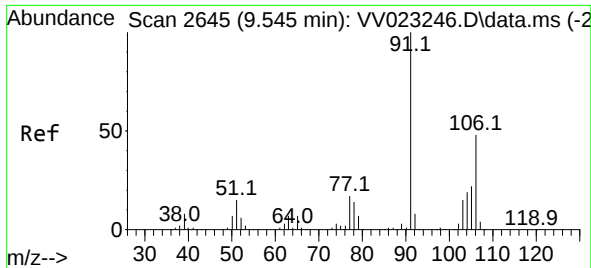
Tgt Ion: 91 Resp: 224251
Ion Ratio Lower Upper
91 100
106 30.7 22.3 41.5



#53
m,p-xylene
Concen: 5.151 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 106 Resp: 89658
Ion Ratio Lower Upper
106 100
91 202.1 140.1 260.1

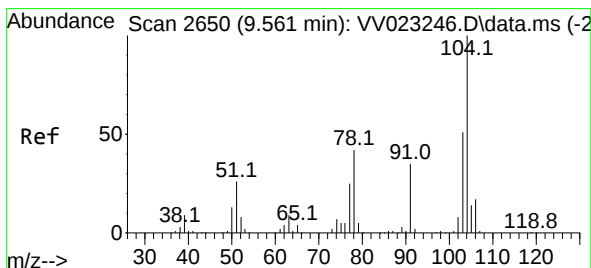
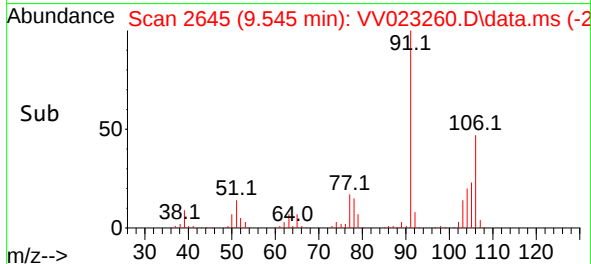
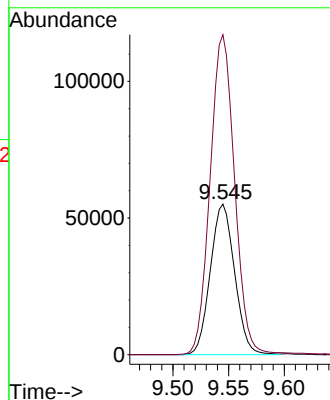
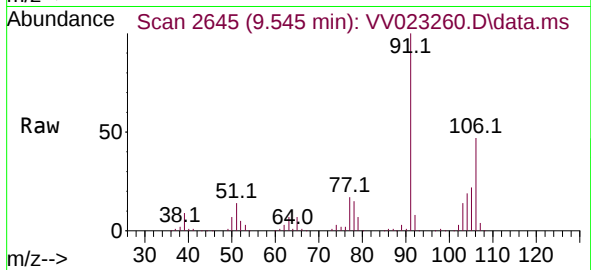




#54
o-xylene
Concen: 5.126 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

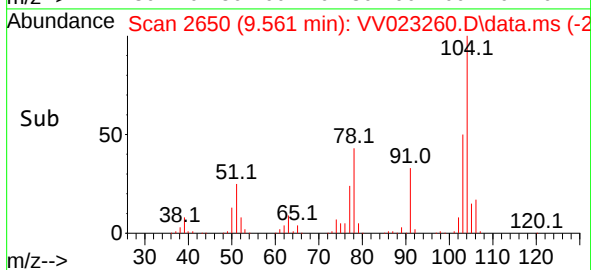
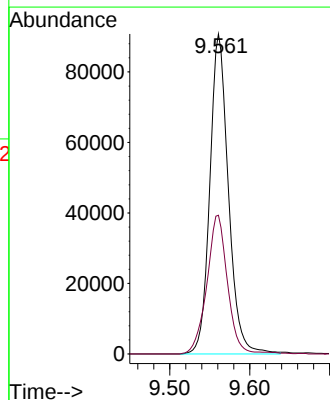
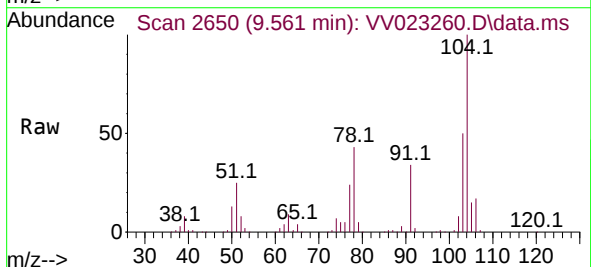
Instrument :
MSVOA_V
ClientSampleId :

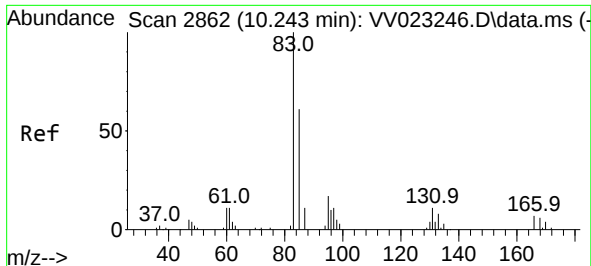
Tgt Ion:106 Resp: 83696
Ion Ratio Lower Upper
106 100
91 212.6 148.1 275.1



#55
Styrene
Concen: 5.238 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:104 Resp: 146522
Ion Ratio Lower Upper
104 100
78 43.4 30.4 56.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.324 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. -0.000 min

Lab File: VV023260.D

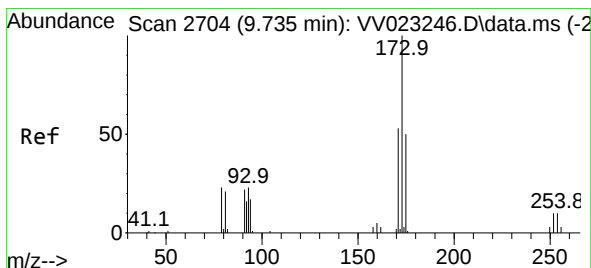
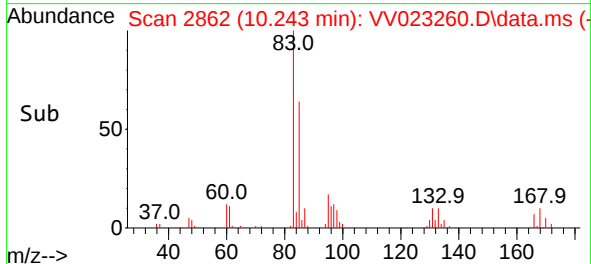
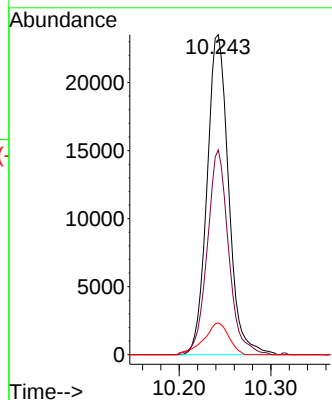
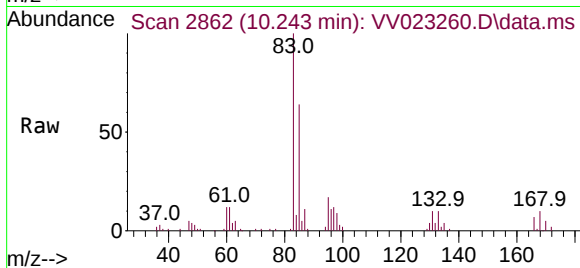
Acq: 06 Nov 2021 02:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	38464
Ion	Ratio	Lower	Upper
83	100		
85	64.0	46.2	85.8
131	9.9	8.7	13.1



#59

Bromoform

Concen: 4.998 ug/L

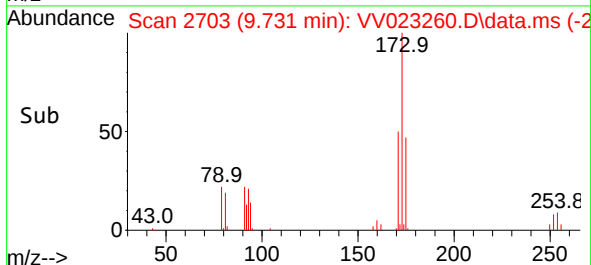
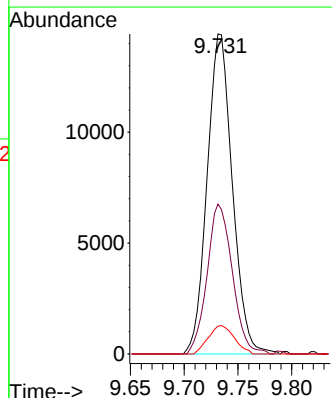
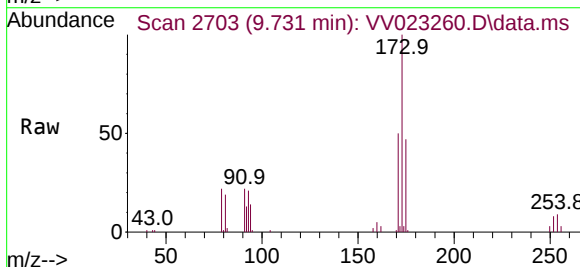
RT: 9.731 min Scan# 2703

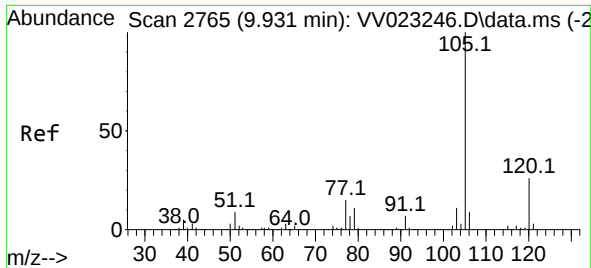
Delta R.T. -0.003 min

Lab File: VV023260.D

Acq: 06 Nov 2021 02:31

Tgt Ion:	173	Resp:	23545
Ion	Ratio	Lower	Upper
173	100		
175	46.8	39.7	59.5
254	9.1	6.6	10.0

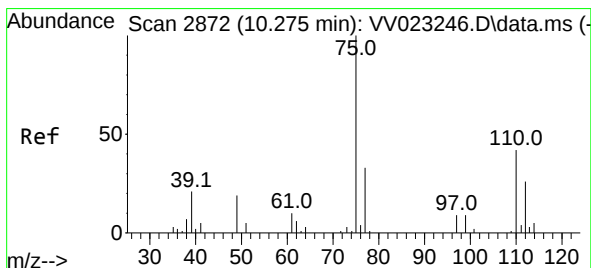
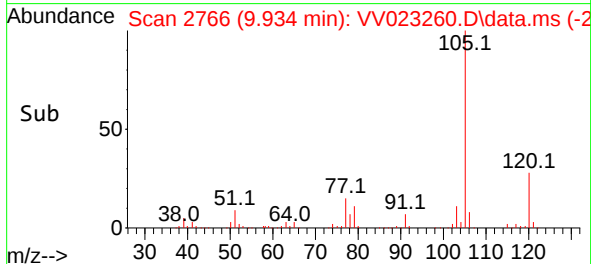
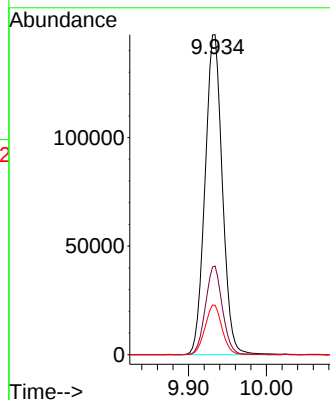
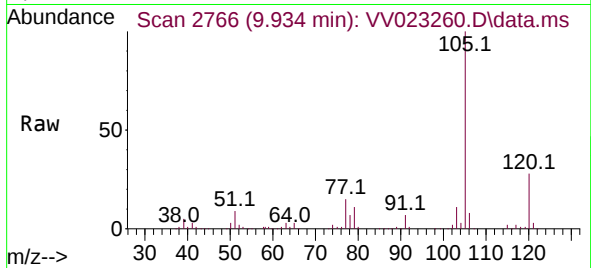




#60
Isopropylbenzene
Concen: 5.028 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

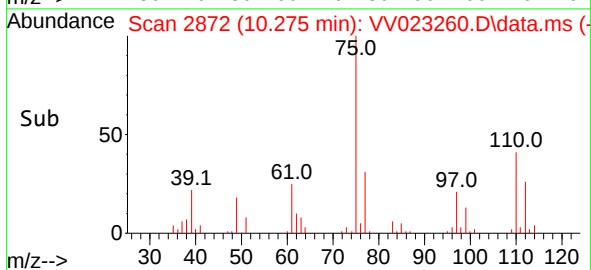
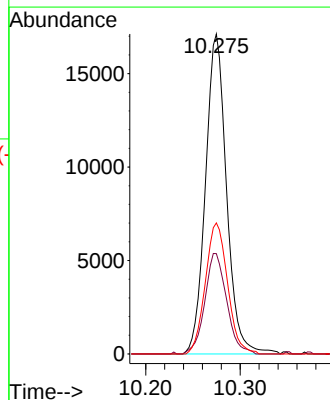
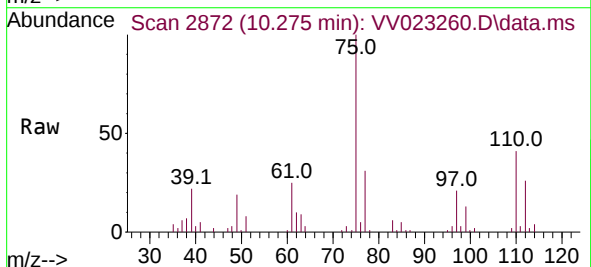
Instrument :
MSVOA_V
ClientSampleId :

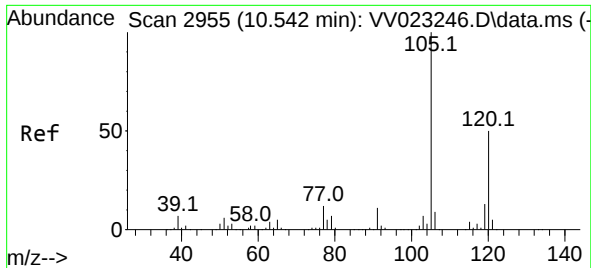
Tgt Ion:105 Resp: 227589
Ion Ratio Lower Upper
105 100
120 27.1 20.9 31.3
77 15.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 5.061 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion: 75 Resp: 26517
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 43.1 33.0 49.4

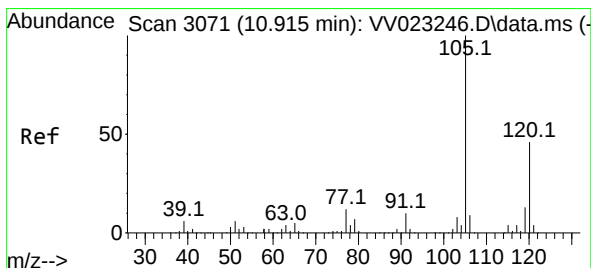
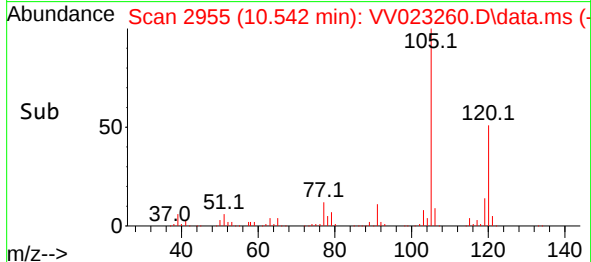
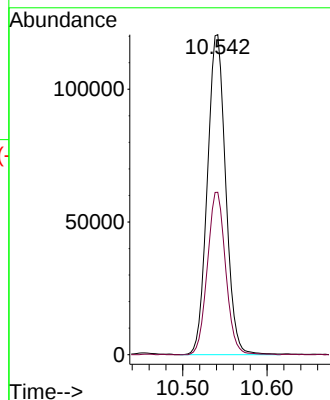
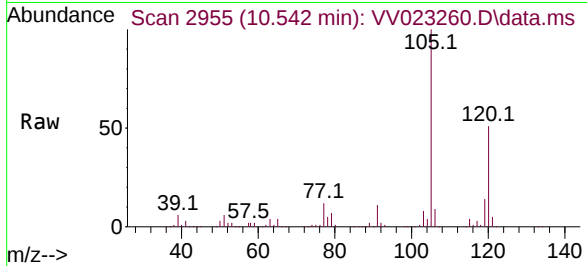




#62
 1,3,5-Trimethylbenzene
 Concen: 4.866 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. -0.000 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

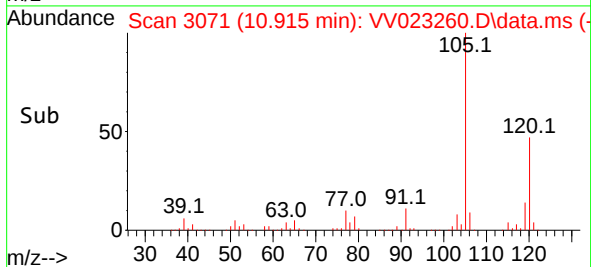
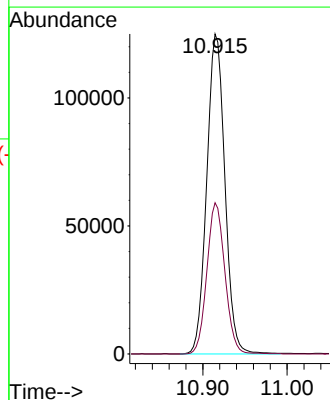
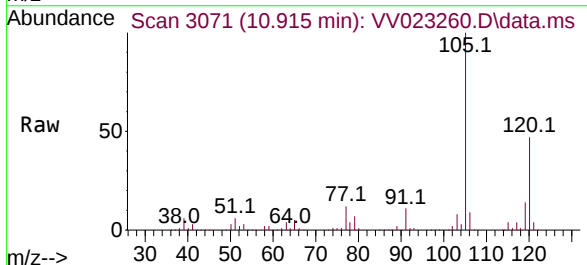
Instrument :
 MSVOA_V
 ClientSampleId :

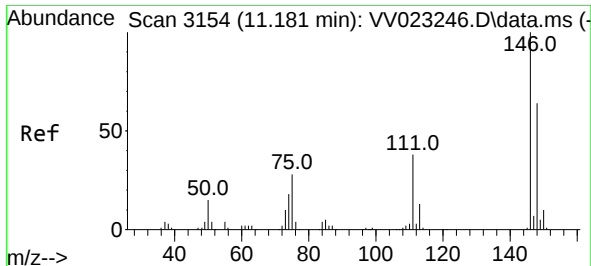
Tgt Ion:105 Resp: 182630
 Ion Ratio Lower Upper
 105 100
 120 50.6 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.022 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023260.D
 Acq: 06 Nov 2021 02:31

Tgt Ion:105 Resp: 187595
 Ion Ratio Lower Upper
 105 100
 120 46.9 36.5 54.7

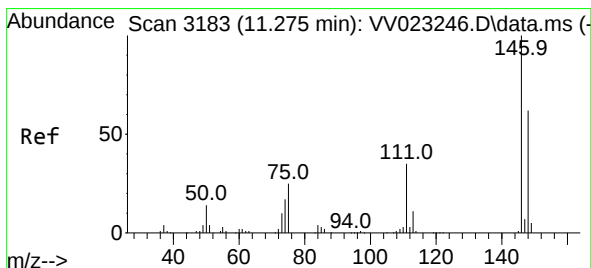
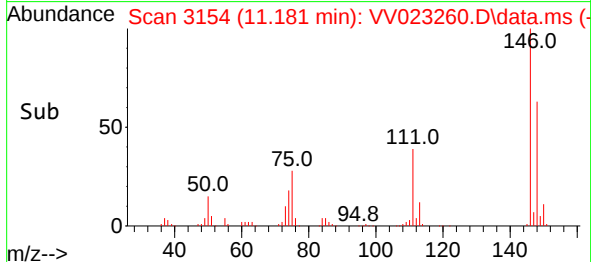
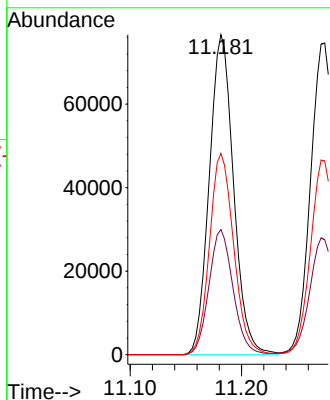
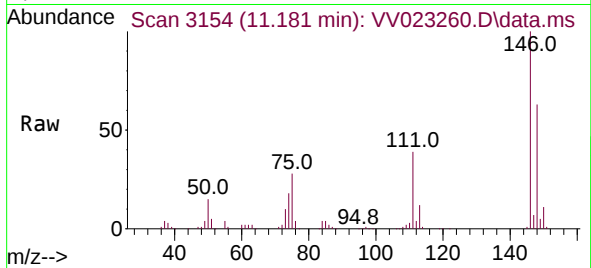




#64
1,3-Dichlorobenzene
Concen: 5.023 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

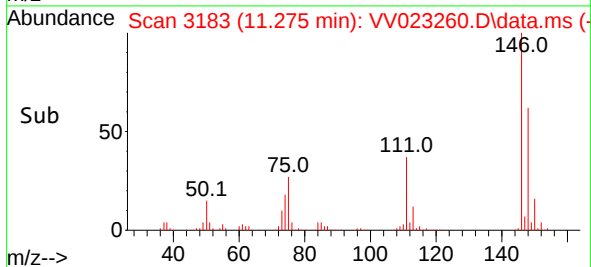
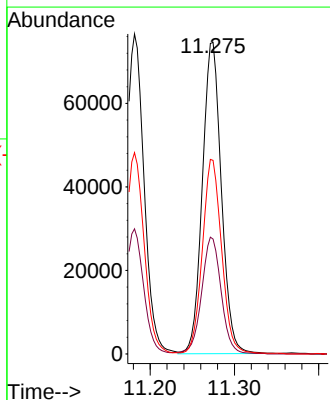
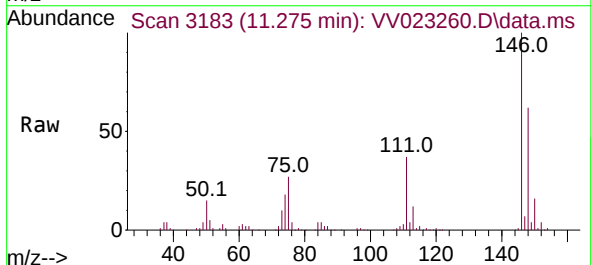
Instrument :
MSVOA_V
ClientSampleId :

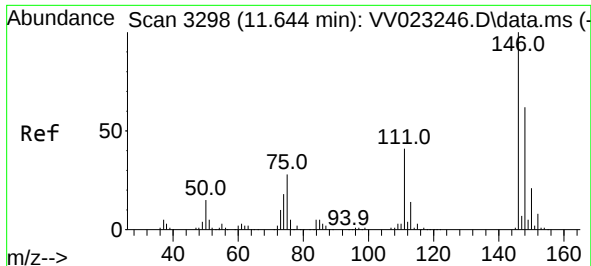
Tgt Ion:146 Resp: 116157
Ion Ratio Lower Upper
146 100
111 39.1 28.1 52.3
148 62.9 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.961 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:146 Resp: 117159
Ion Ratio Lower Upper
146 100
111 36.9 26.1 48.5
148 62.2 44.7 83.1

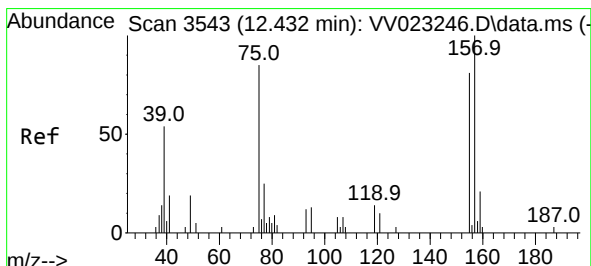
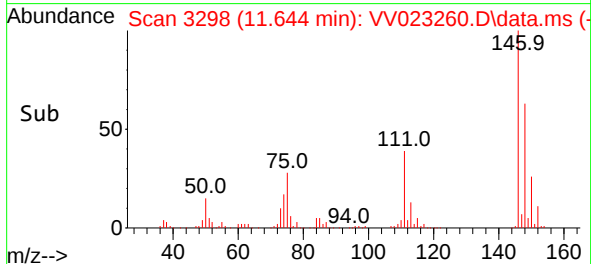
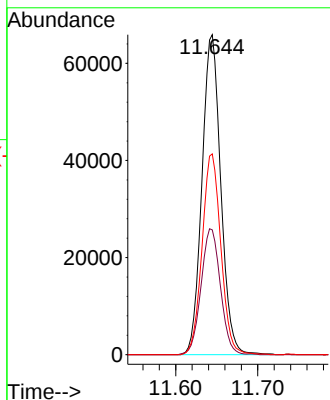
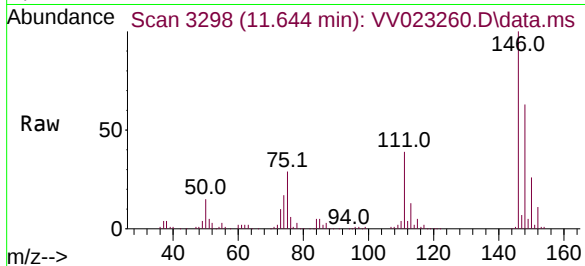




#67
1,2-Dichlorobenzene
Concen: 5.075 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

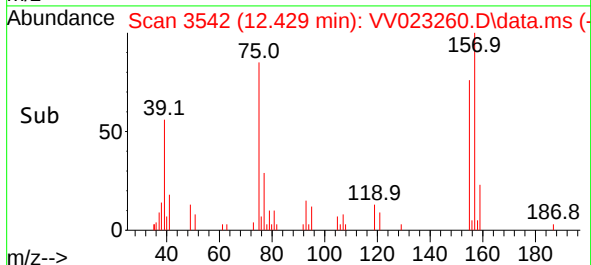
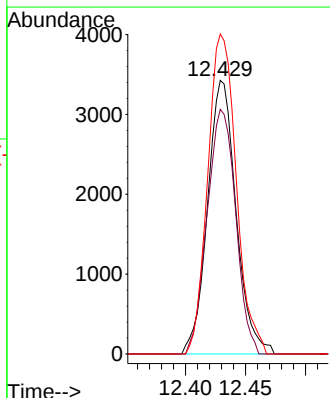
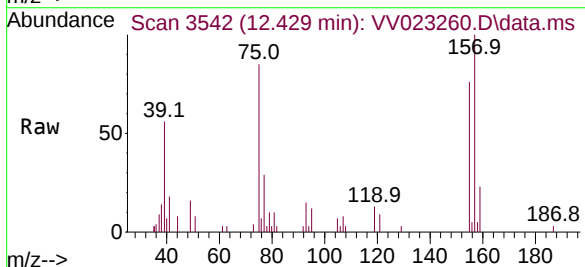
Instrument :
MSVOA_V
ClientSampleId :

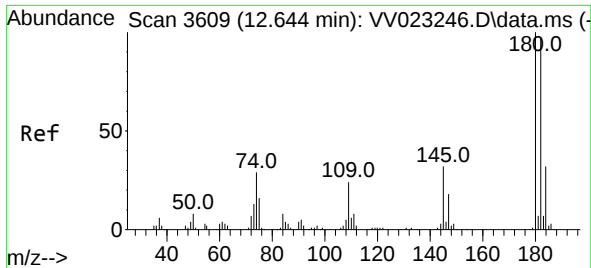
Tgt Ion:146 Resp: 105019
Ion Ratio Lower Upper
146 100
111 39.0 31.3 46.9
148 62.7 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.078 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

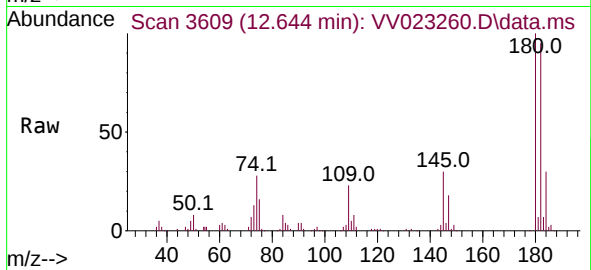
Tgt Ion: 75 Resp: 5668
Ion Ratio Lower Upper
75 100
155 89.4 69.4 104.2
157 117.0 92.8 139.2



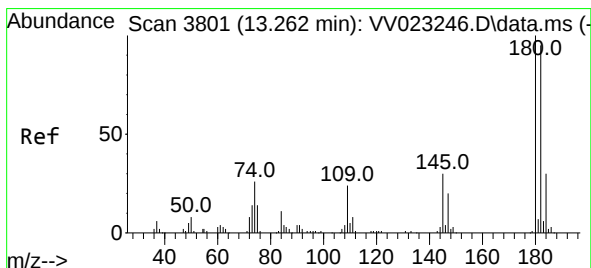
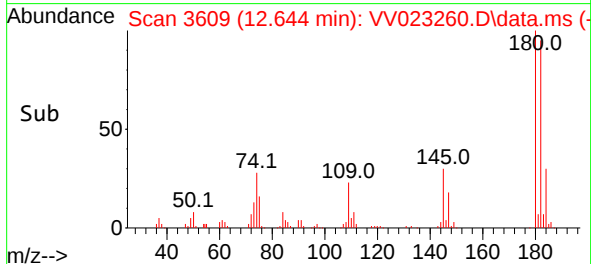
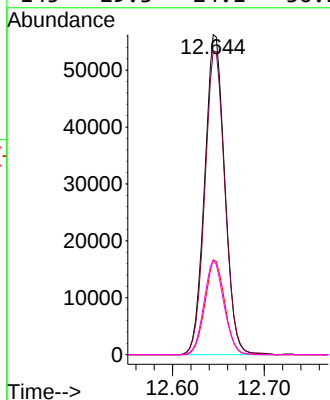


#69
1,3,5-Trichlorobenzene
Concen: 4.716 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Instrument :
MSVOA_V
ClientSampleId :

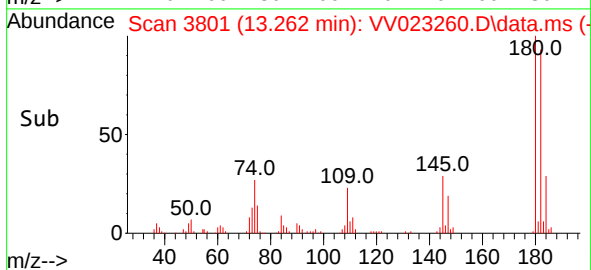
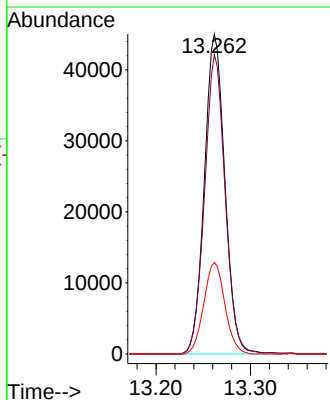
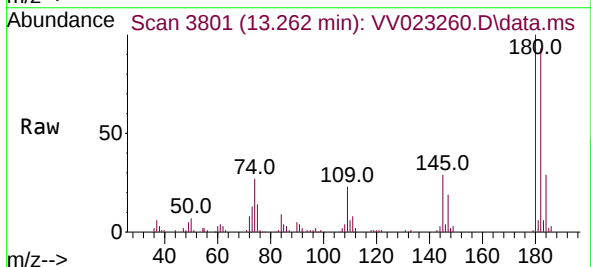


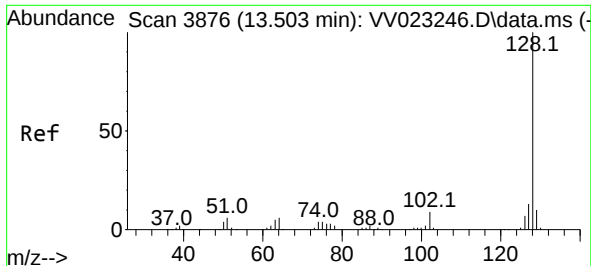
Tgt Ion:180 Resp: 85385
Ion Ratio Lower Upper
180 100
182 95.3 77.1 115.7
184 29.1 24.9 37.3
145 29.3 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 4.675 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

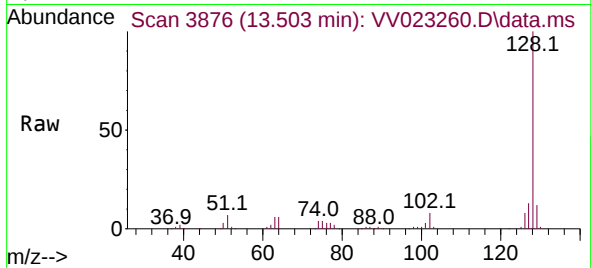
Tgt Ion:180 Resp: 67793
Ion Ratio Lower Upper
180 100
182 93.8 77.4 116.2
145 29.4 24.1 36.1



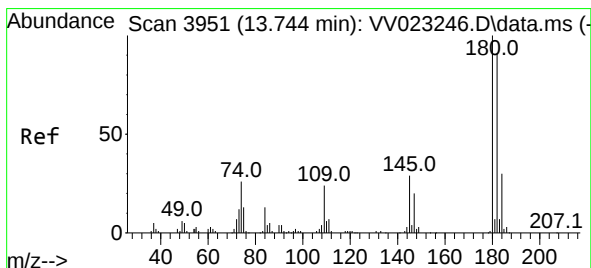
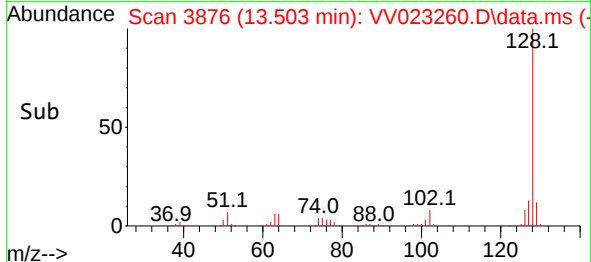
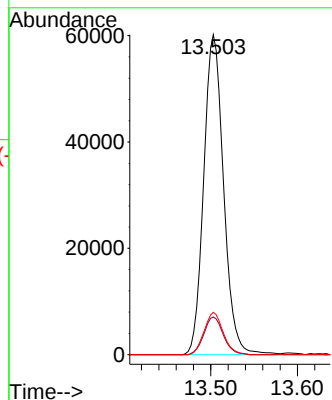


#71
Naphthalene
Concen: 4.485 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 95883
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.738 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023260.D
Acq: 06 Nov 2021 02:31

Tgt Ion:180 Resp: 60107
Ion Ratio Lower Upper
180 100
182 95.6 77.1 115.7
145 32.3 25.4 38.0

