

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023240.D
 Acq On : 05 Nov 2021 18:20
 Operator : SY/MD
 Sample : M4535-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 03:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 03:09:01 2021
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.619	114	131651	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.853	117	130898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.249	152	60365	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.307	65	41400	5.020	ug/L	0.00
Spiked Amount	5.000	Range 40	- 130	Recovery	=	100.400%	
7) Chloroethane-d5		1.568	69	35168	5.232	ug/L	0.00
Spiked Amount	5.000	Range 65	- 130	Recovery	=	104.600%	
11) 1,1-Dichloroethene-d2		2.108	63	57358	3.715	ug/L	0.00
Spiked Amount	5.000	Range 60	- 125	Recovery	=	74.200%	
20) 2-Butanone-d5		3.892	46	93953	75.399	ug/L	0.00
Spiked Amount	50.000	Range 40	- 130	Recovery	=	150.800%#	
24) Chloroform-d		4.349	84	89233	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70	- 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4		5.034	65	42553	5.384	ug/L	0.00
Spiked Amount	5.000	Range 70	- 130	Recovery	=	107.600%	
32) Benzene-d6		5.053	84	172130	5.125	ug/L	0.00
Spiked Amount	5.000	Range 70	- 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6		6.072	67	51585	5.218	ug/L	0.00
Spiked Amount	5.000	Range 60	- 140	Recovery	=	104.400%	
41) Toluene-d8		7.317	98	148825	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70	- 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...		7.625	79	17731	4.730	ug/L	0.00
Spiked Amount	5.000	Range 55	- 130	Recovery	=	94.600%	
46) 2-Hexanone-d5		8.088	63	70932	51.425	ug/L	0.00
Spiked Amount	50.000	Range 45	- 130	Recovery	=	102.860%	
56) 1,1,2,2-Tetrachloroeth...		10.217	84	35340	4.970	ug/L	0.00
Spiked Amount	5.000	Range 65	- 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4		11.625	152	56167	5.588	ug/L	0.00
Spiked Amount	5.000	Range 80	- 120	Recovery	=	111.800%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.134	85	1569	0.122	ug/L	100
5) Vinyl chloride		1.310	62	449	0.041	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...		2.108	101	1043	0.126	ug/L #	43
12) 1,1-Dichloroethene		2.114	96	1276	0.163	ug/L #	1
13) Acetone		2.188	43	1050	1.140	ug/L	64
17) Methyl tert-butyl Ether		2.773	73	4907	0.284	ug/L #	90
19) 1,1-Dichloroethane		3.198	63	1367	0.084	ug/L #	91
22) cis-1,2-Dichloroethene		3.918	96	6160	0.663	ug/L	90
31) Carbon tetrachloride		4.838	117	1061	0.074	ug/L	100
34) Trichloroethene		5.921	95	8367	0.860	ug/L	92
37) 1,2-Dichloropropane		6.069	63	6207	0.727	ug/L #	83
39) cis-1,3-Dichloropropene		6.985	75	1375	0.112	ug/L #	60
42) Toluene		7.397	91	2997	0.077	ug/L	82
47) Tetrachloroethene		7.976	164	27150	3.220	ug/L	95
48) 2-Hexanone		8.153	43	3903	1.374	ug/L #	83
49) Dibromochloromethane		7.979	129	24949	3.208	ug/L #	11
61) 1,2,3-Trichloropropane		11.249	75	6958	1.735	ug/L #	63
70) 1,2,4-trichlorobenzene		13.268	180	893	0.080	ug/L #	83
71) Naphthalene		13.512	128	1576	0.096	ug/L #	93

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 03:09:01 2021
Response via : Initial Calibration

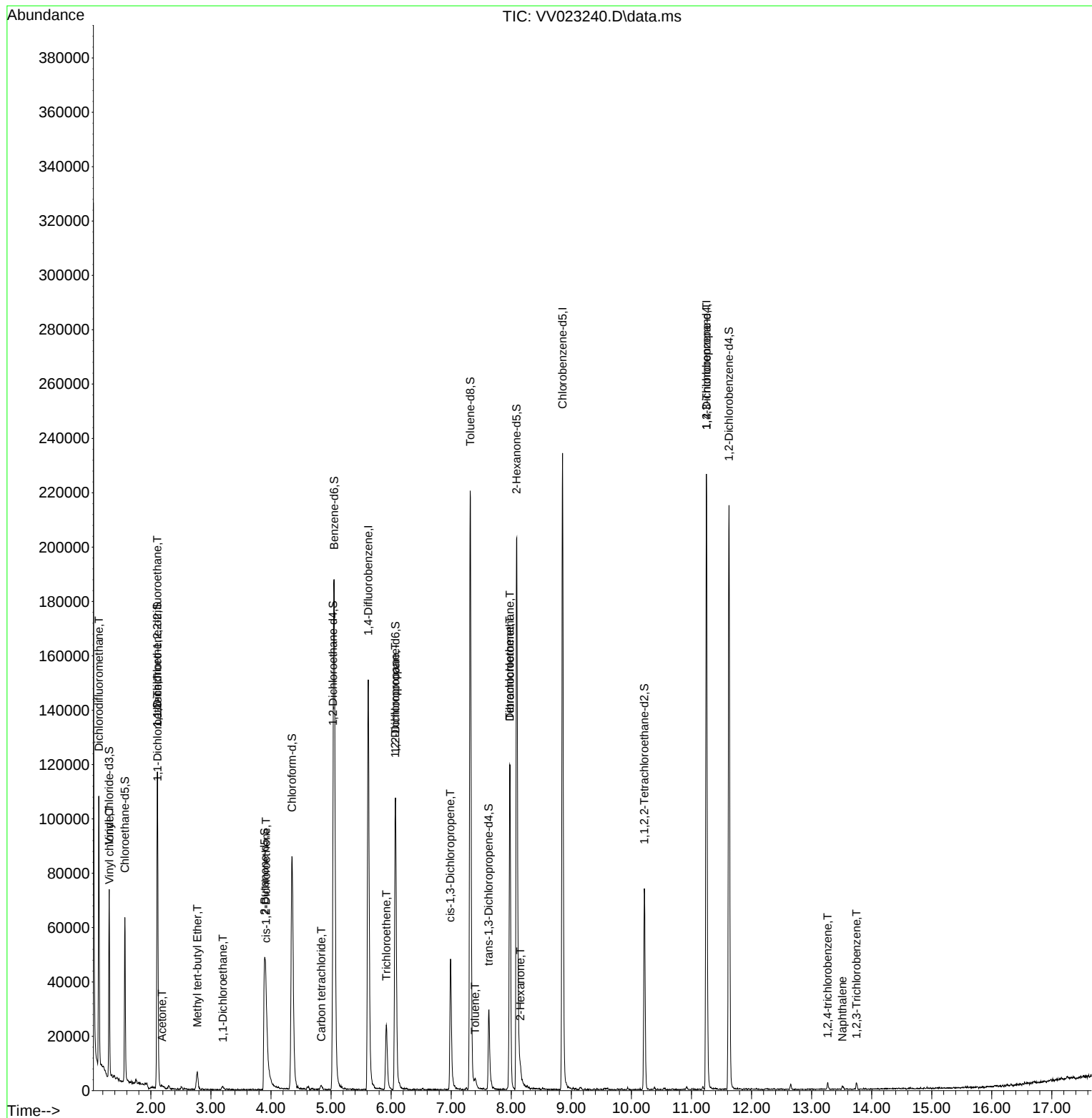
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.747	180	947	0.098	ug/L	97

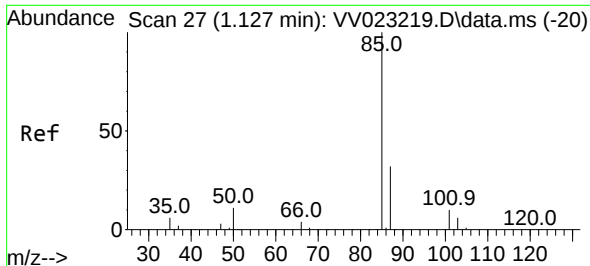
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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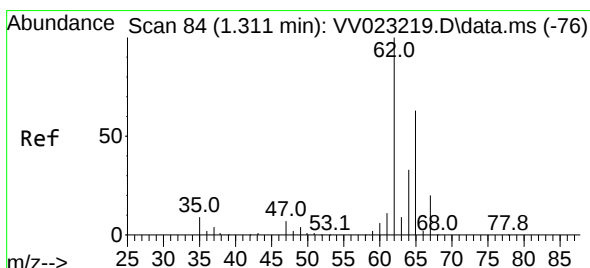
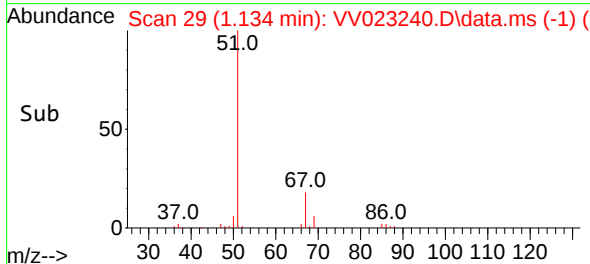
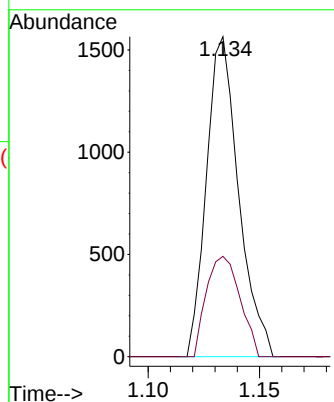
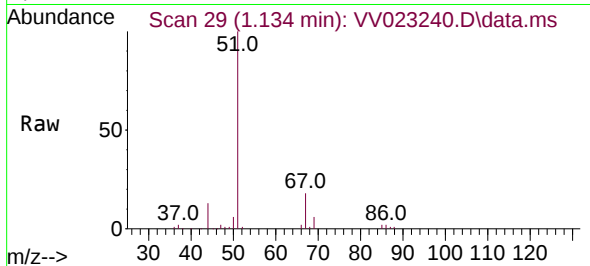




#2
 Dichlorodifluoromethane
 Concen: 0.122 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.006 min
 Lab File: VV023240.D
 Acq: 05 Nov 2021 18:20

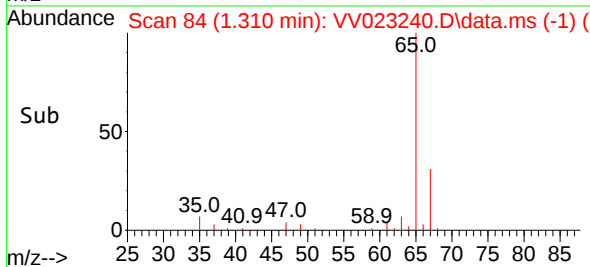
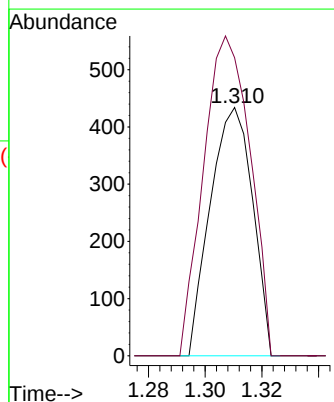
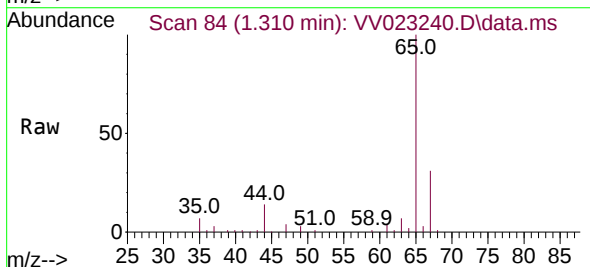
Instrument :
 MSVOA_V
 ClientSampleId :

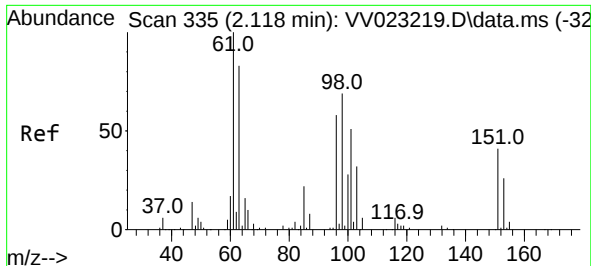
Tgt Ion: 85 Resp: 1569
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#5
 Vinyl chloride
 Concen: 0.041 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023240.D
 Acq: 05 Nov 2021 18:20

Tgt Ion: 62 Resp: 449
 Ion Ratio Lower Upper
 62 100
 64 120.0 23.7 43.9#

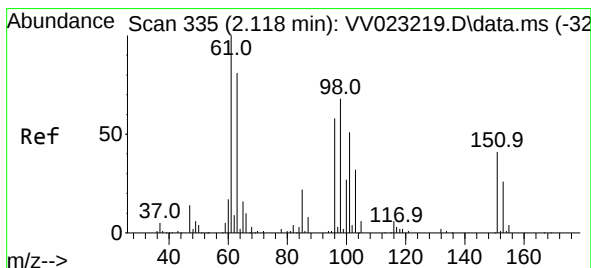
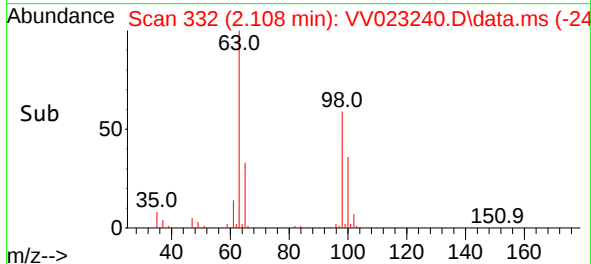
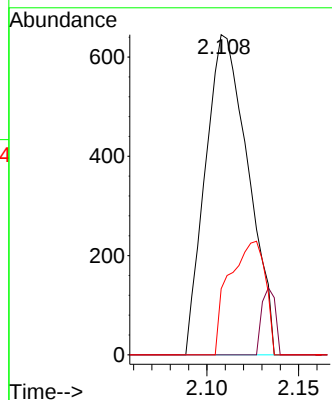
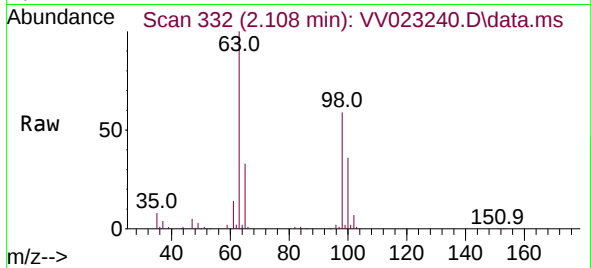




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.126 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV023240.D
 Acq: 05 Nov 2021 18:20

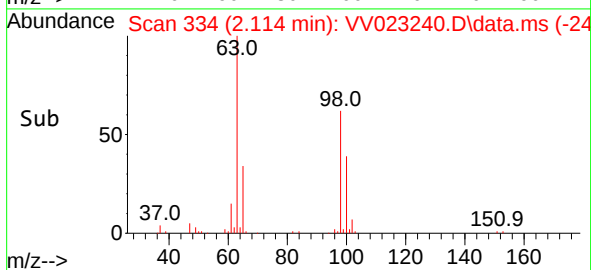
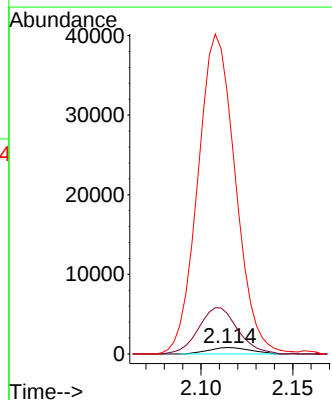
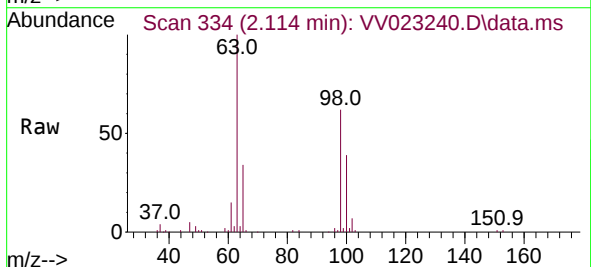
Instrument :
 MSVOA_V
 ClientSampleId :

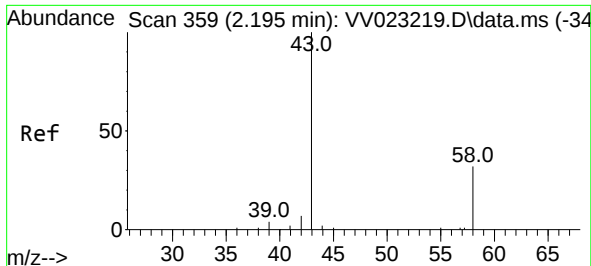
Tgt Ion:101 Resp: 1043
 Ion Ratio Lower Upper
 101 100
 85 6.6 35.4 53.0#
 151 29.9 64.3 96.5#



#12
 1,1-Dichloroethene
 Concen: 0.163 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023240.D
 Acq: 05 Nov 2021 18:20

Tgt Ion: 96 Resp: 1276
 Ion Ratio Lower Upper
 96 100
 61 627.3 117.7 218.7#
 63 4056.1 80.5 149.5#





#13

Acetone

Concen: 1.140 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV023240.D

Acq: 05 Nov 2021 18:20

Instrument :

MSVOA_V

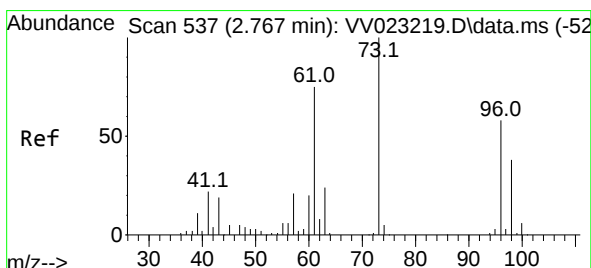
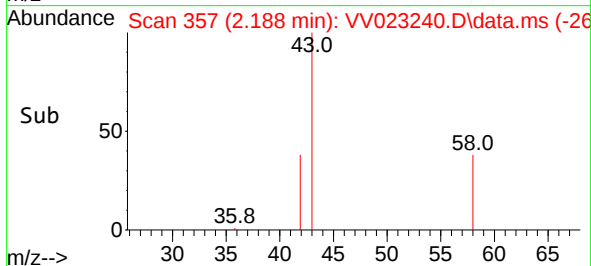
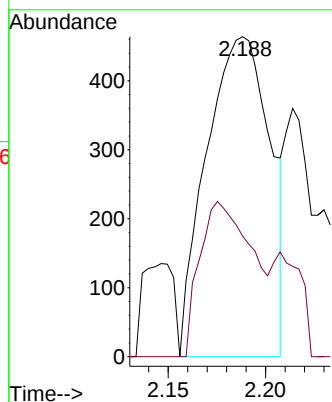
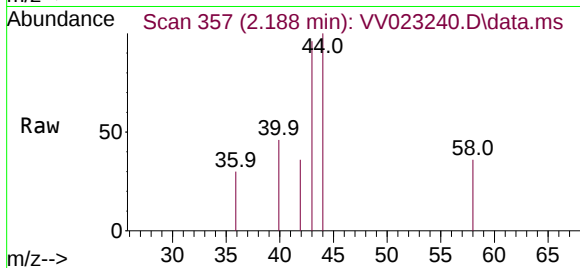
ClientSampleId :

Tgt Ion: 43 Resp: 1050

Ion Ratio Lower Upper

43 100

58 40.5 0.0 45.8



#17

Methyl tert-butyl Ether

Concen: 0.284 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.006 min

Lab File: VV023240.D

Acq: 05 Nov 2021 18:20

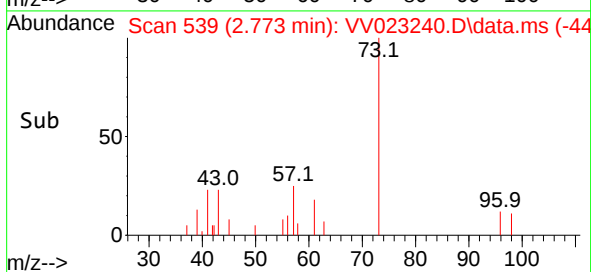
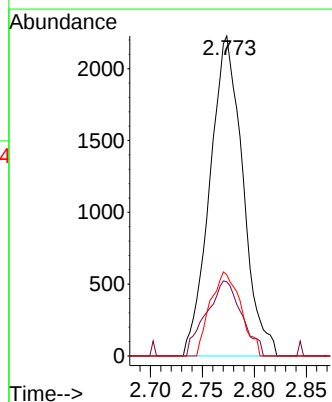
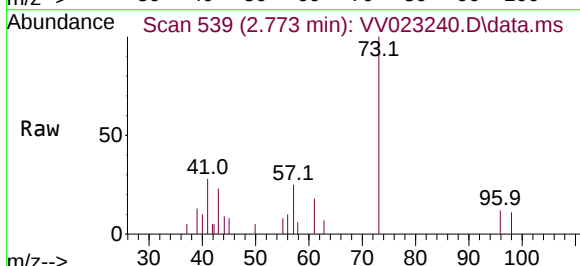
Tgt Ion: 73 Resp: 4907

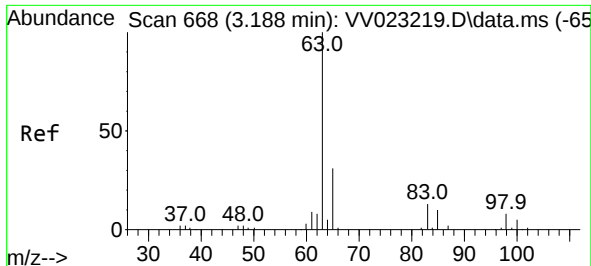
Ion Ratio Lower Upper

73 100

43 25.2 14.2 21.4#

57 24.3 17.8 26.8





#19

1,1-Dichloroethane

Concen: 0.084 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV023240.D

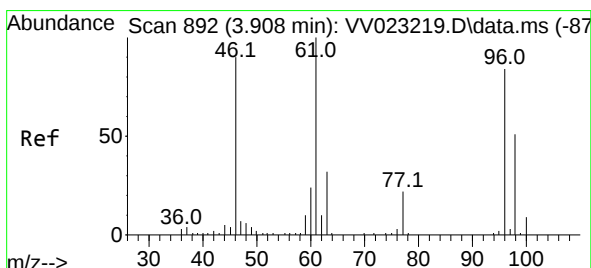
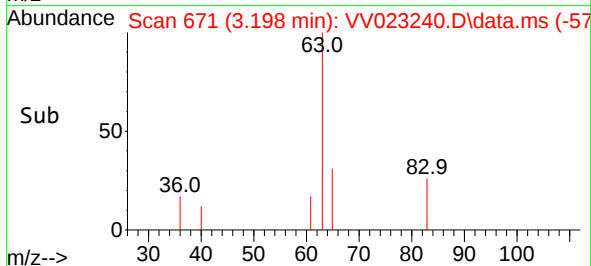
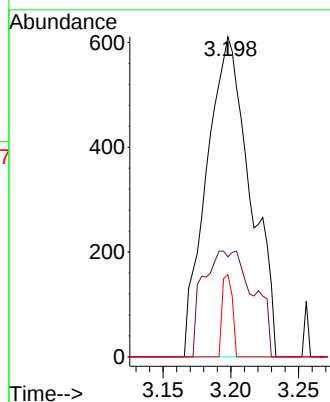
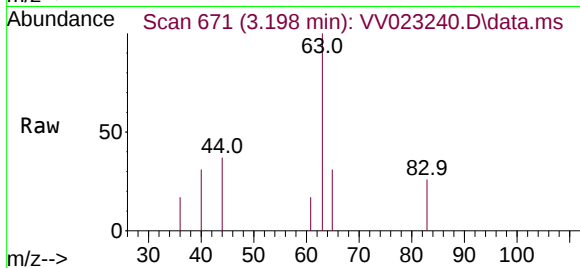
Acq: 05 Nov 2021 18:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 1367
Ion Ratio	Lower Upper
63 100	
65 31.3	21.6 40.2
83 25.7	9.8 18.2#



#22

cis-1,2-Dichloroethene

Concen: 0.663 ug/L

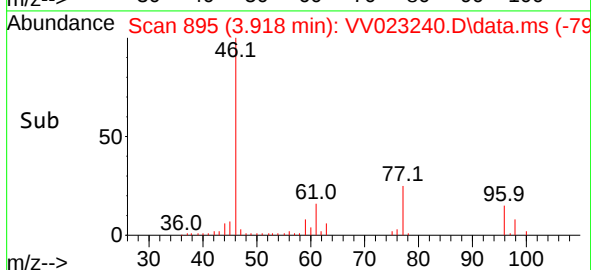
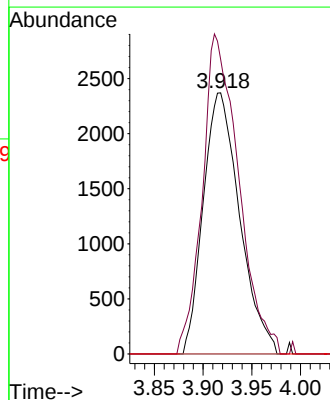
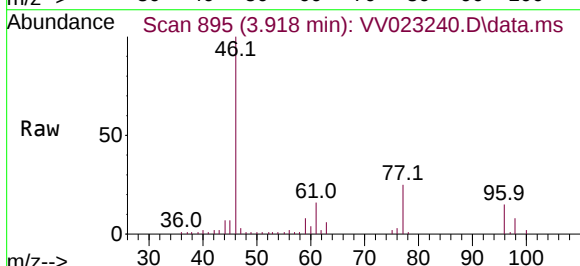
RT: 3.918 min Scan# 895

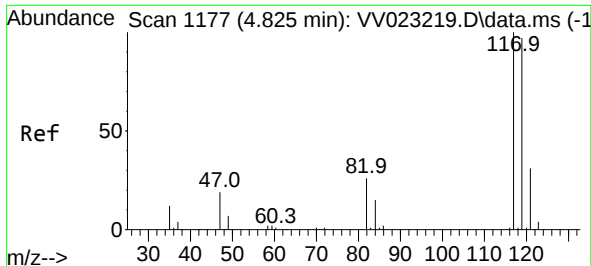
Delta R.T. 0.010 min

Lab File: VV023240.D

Acq: 05 Nov 2021 18:20

Tgt Ion: 96	Resp: 6160
Ion Ratio	Lower Upper
96 100	
61 112.7	86.7 160.9
68 0.0	0.0 0.0

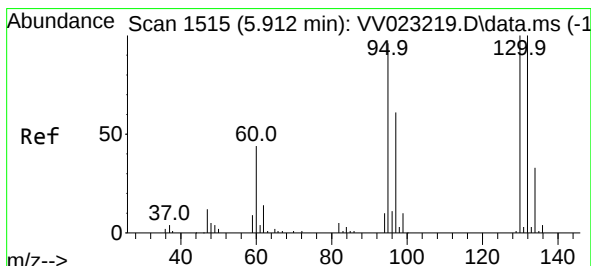
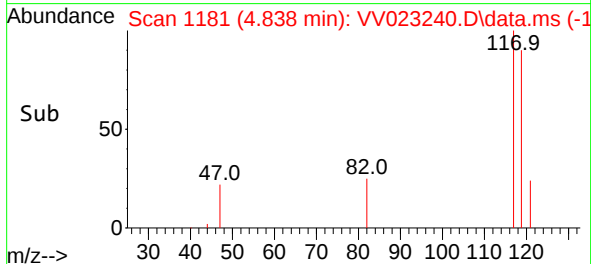
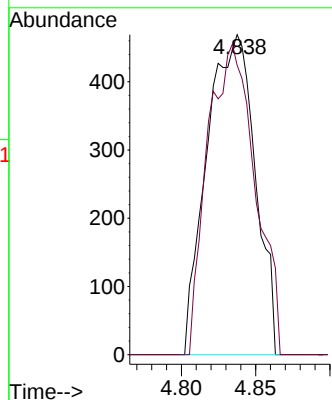
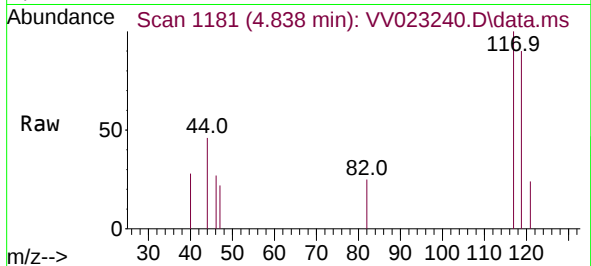




#31
Carbon tetrachloride
Concen: 0.074 ug/L
RT: 4.838 min Scan# 1177
Delta R.T. 0.013 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

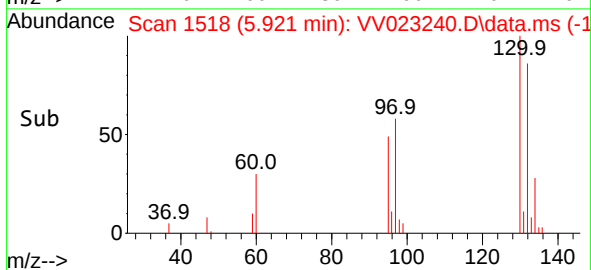
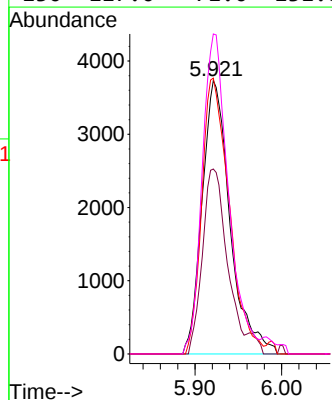
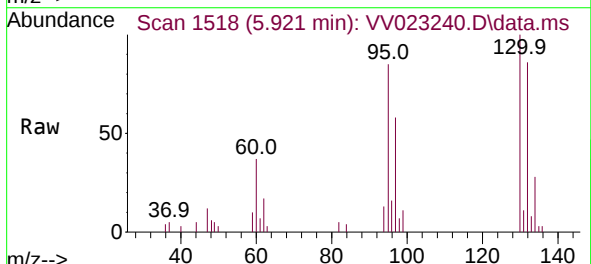
Instrument :
MSVOA_V
ClientSampleId :

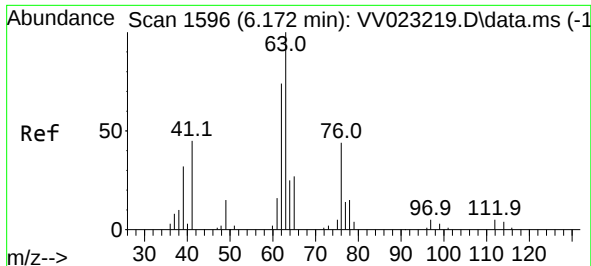
Tgt Ion:117 Resp: 1061
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#34
Trichloroethene
Concen: 0.860 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

Tgt Ion: 95 Resp: 8367
Ion Ratio Lower Upper
95 100
97 67.6 43.3 80.5
132 100.9 70.0 130.0
130 117.0 71.0 131.8





#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023240.D

Acq: 05 Nov 2021 18:20

Instrument :

MSVOA_V

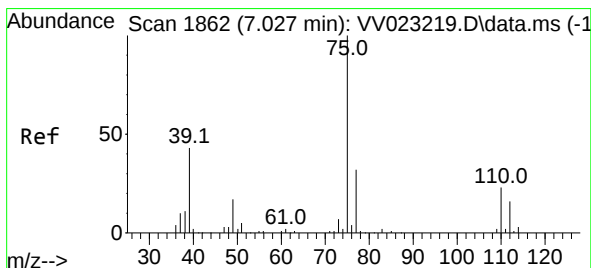
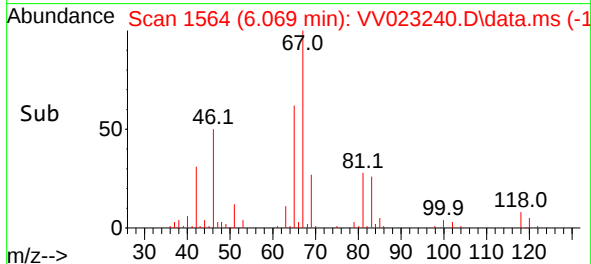
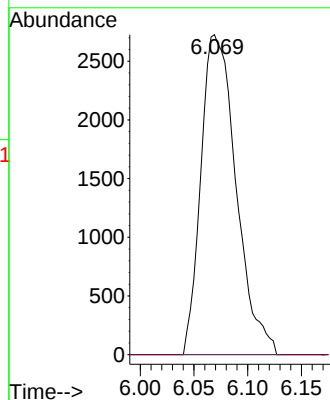
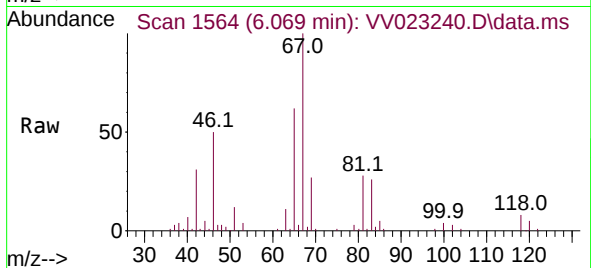
ClientSampleId :

Tgt Ion: 63 Resp: 6207

Ion Ratio Lower Upper

63 100

112 0.0 4.5 6.7#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023240.D

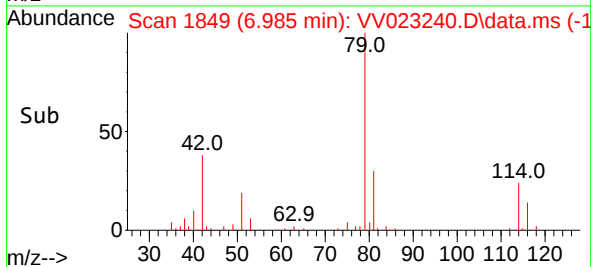
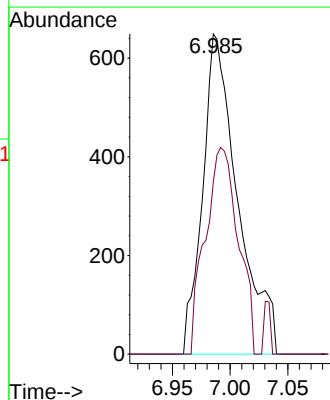
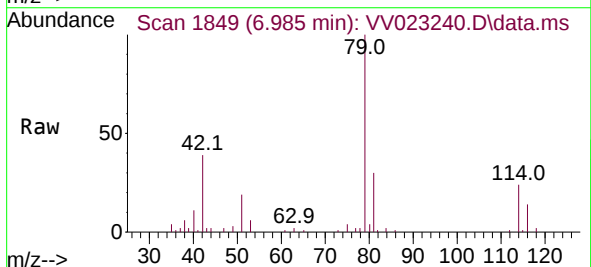
Acq: 05 Nov 2021 18:20

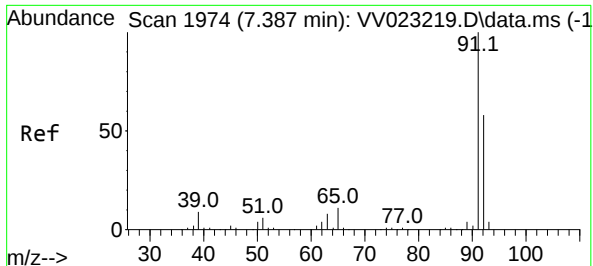
Tgt Ion: 75 Resp: 1375

Ion Ratio Lower Upper

75 100

77 53.8 22.3 41.3#

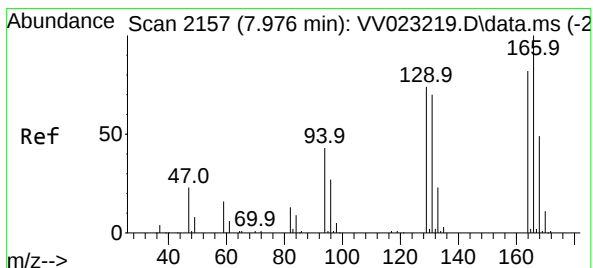
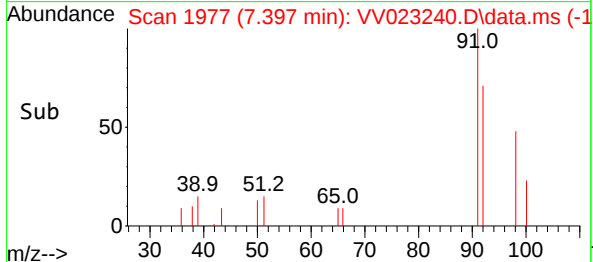
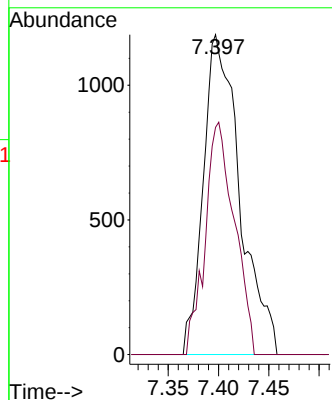
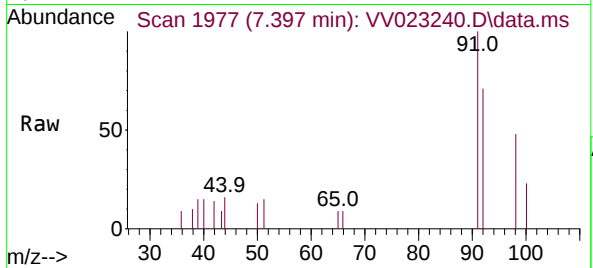




#42
Toluene
Concen: 0.077 ug/L
RT: 7.397 min Scan# 1974
Delta R.T. 0.010 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

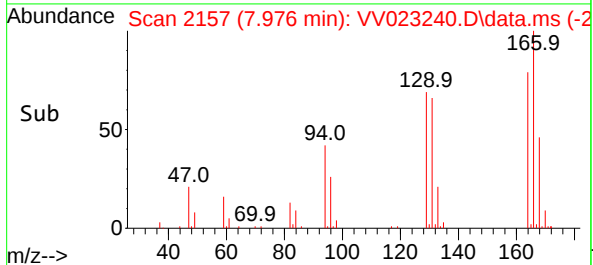
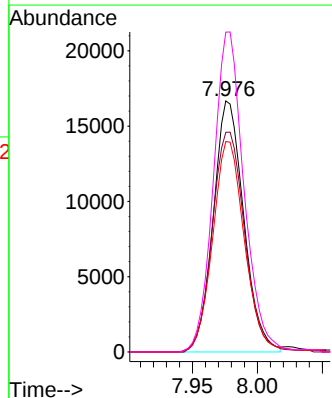
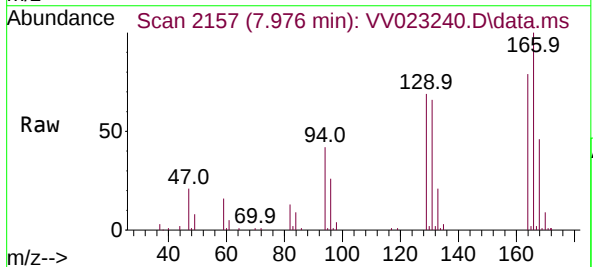
Instrument :
MSVOA_V
ClientSampleId :

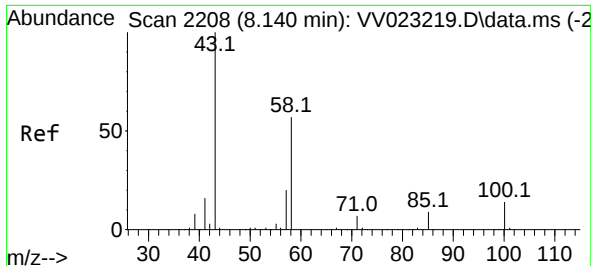
Tgt Ion: 91 Resp: 2997
Ion Ratio Lower Upper
91 100
92 71.0 40.4 75.0



#47
Tetrachloroethene
Concen: 3.220 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

Tgt Ion: 164 Resp: 27150
Ion Ratio Lower Upper
164 100
129 87.5 65.5 121.7
131 83.8 63.9 118.7
166 127.4 91.1 169.1

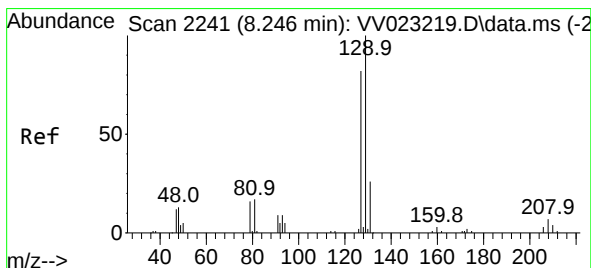
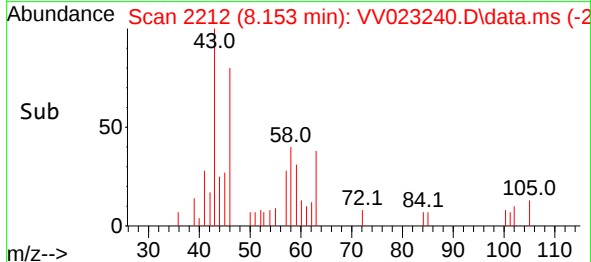
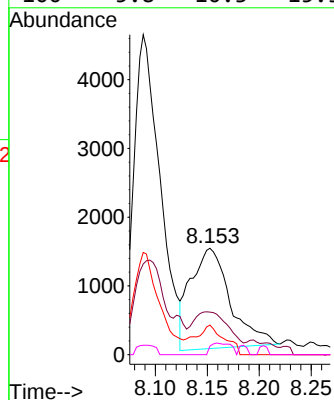
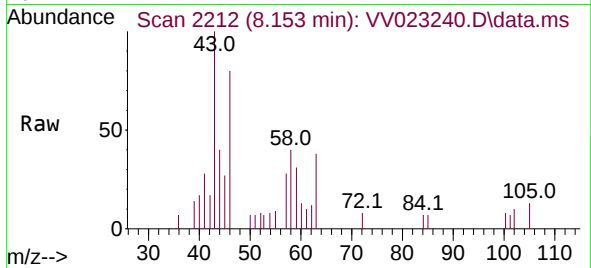




#48
2-Hexanone
Concen: 1.374 ug/L
RT: 8.153 min Scan# 2112
Delta R.T. 0.013 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

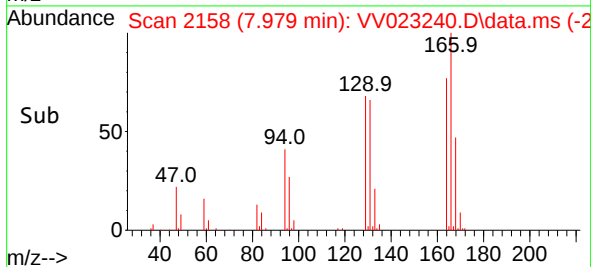
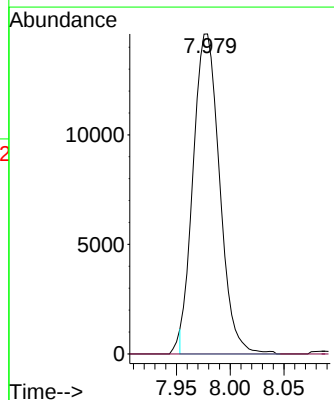
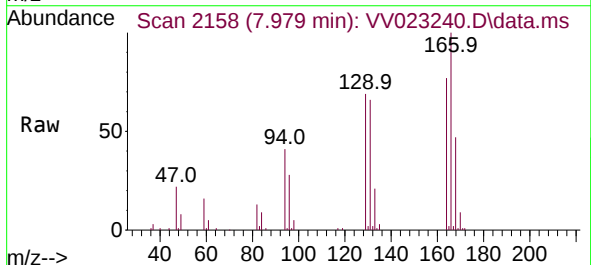
Instrument :
MSVOA_V
ClientSampleId :

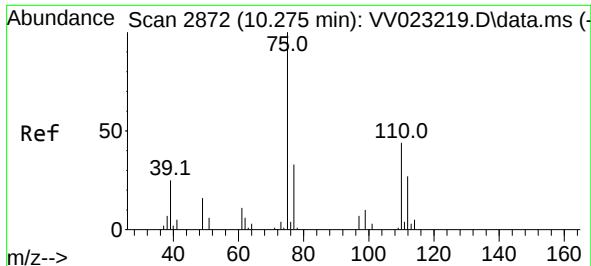
Tgt Ion: 43 Resp: 3903
Ion Ratio Lower Upper
43 100
58 39.2 43.0 64.6#
57 21.6 14.9 22.3
100 5.8 10.3 15.5#



#49
Dibromochloromethane
Concen: 3.208 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

Tgt Ion: 129 Resp: 24949
Ion Ratio Lower Upper
129 100
127 0.0 54.4 101.0#

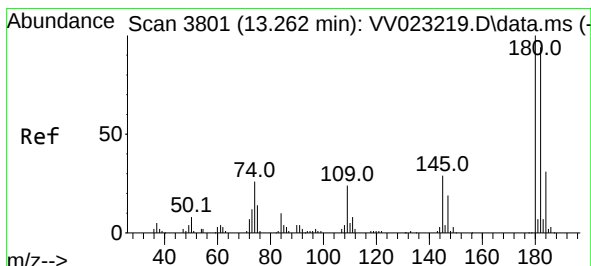
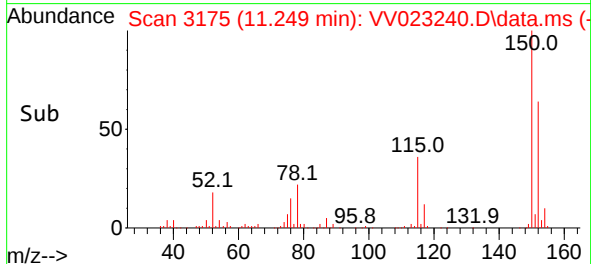
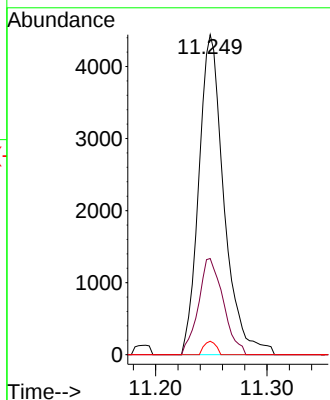
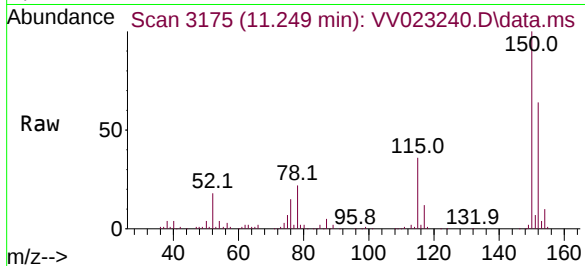




#61
 1,2,3-Trichloropropane
 Concen: 1.735 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023240.D
 Acq: 05 Nov 2021 18:20

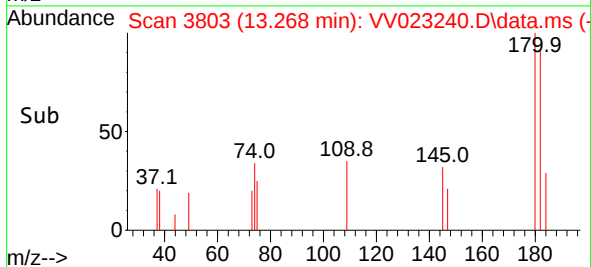
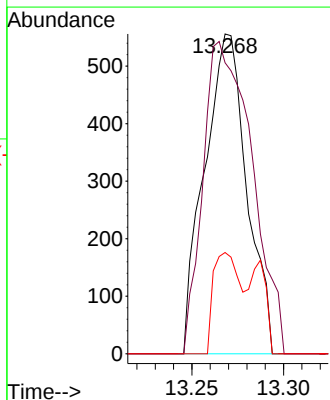
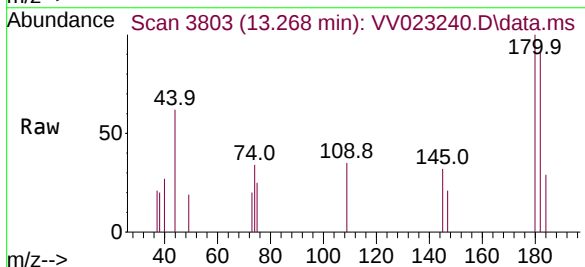
Instrument :
 MSVOA_V
 ClientSampleId :

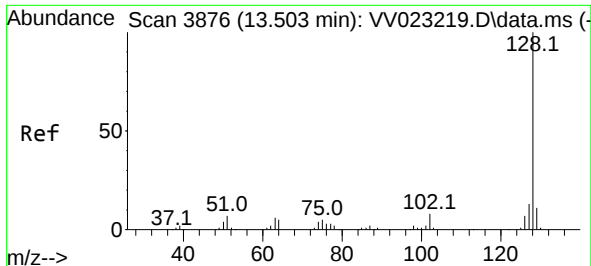
Tgt Ion: 75 Resp: 6958
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.6 39.8
 110 2.0 33.0 49.4#



#70
 1,2,4-trichlorobenzene
 Concen: 0.080 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.006 min
 Lab File: VV023240.D
 Acq: 05 Nov 2021 18:20

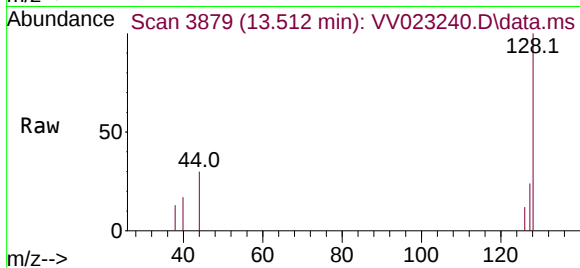
Tgt Ion:180 Resp: 893
 Ion Ratio Lower Upper
 180 100
 182 113.1 77.4 116.2
 145 19.5 24.1 36.1#



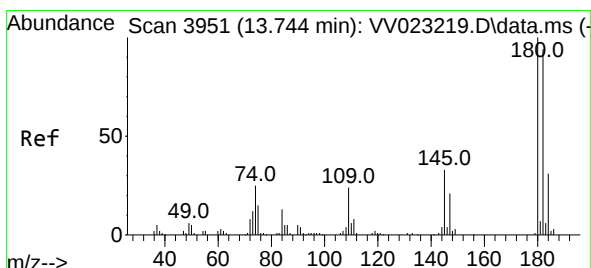
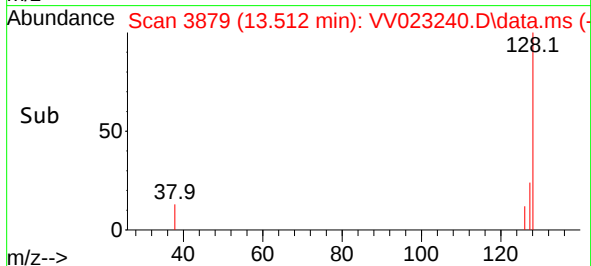
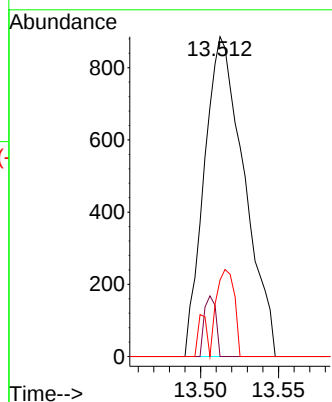


#71
Naphthalene
Concen: 0.096 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.009 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1576
Ion Ratio Lower Upper
128 100
129 5.5 8.6 12.8#
127 12.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.098 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV023240.D
Acq: 05 Nov 2021 18:20

Tgt Ion:180 Resp: 947
Ion Ratio Lower Upper
180 100
182 97.8 77.1 115.7
145 27.7 25.4 38.0

