

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025424.D
 Acq On : 08 Apr 2022 21:04
 Operator : SY/MD
 Sample : N2219-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H1

Quant Time: Apr 09 06:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67095	5.667	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.400%
7) Chloroethane-d5	1.568	69	60427	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.111	63	124430	5.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	3.892	46	79910	55.488	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	4.352	84	90333	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.034	65	42943	5.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.050	84	187980	5.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.069	67	53917	5.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.317	98	166123	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.625	79	15337	4.659	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.088	63	63287	54.781	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33765	5.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	57291	6.127	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	482	0.039	ug/L	86
9) Trichlorofluoromethane	1.754	101	3455	0.174	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4041	0.363	ug/L #	81
12) 1,1-Dichloroethene	2.121	96	41953	3.798	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	906	0.053	ug/L #	72
18) trans-1,2-Dichloroethene	2.767	96	1064	0.115	ug/L	89
19) 1,1-Dichloroethane	3.201	63	5352	0.341	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	9796	1.005	ug/L	97
25) Chloroform	4.378	83	25319	1.530	ug/L	98
27) 1,2-Dichloroethane	5.150	62	975	0.112	ug/L #	71
31) Carbon tetrachloride	4.831	117	11460	0.947	ug/L	98
34) Trichloroethene	5.912	95	669386	70.320	ug/L	99
35) Methylcyclohexane	6.069	83	13059	0.860	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6149	0.741	ug/L #	85
38) Bromodichloromethane	6.516	83	705	0.068	ug/L #	81
39) cis-1,3-Dichloropropene	6.989	75	1251	0.115	ug/L #	67
47) Tetrachloroethene	7.976	164	90424	12.134	ug/L	98
49) Dibromochloromethane	7.973	129	82267	13.492	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6665	1.814	ug/L #	60

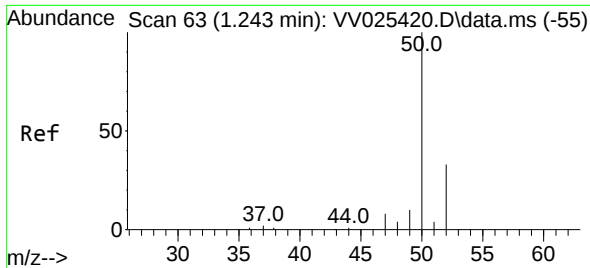
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
Data File : VV025424.D
Acq On : 08 Apr 2022 21:04
Operator : SY/MD
Sample : N2219-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

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Quant Time: Apr 09 06:26:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 09 06:16:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.259	75	88	0.139	ug/L	# 2

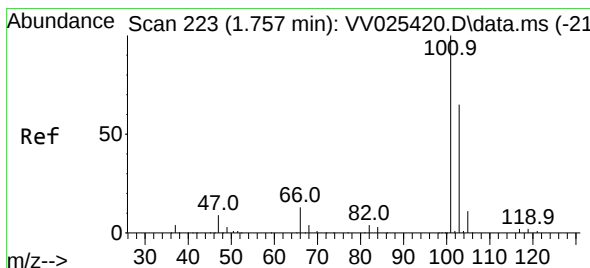
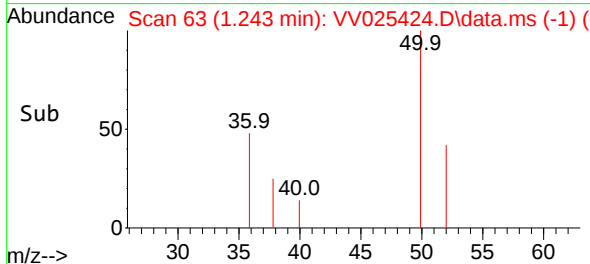
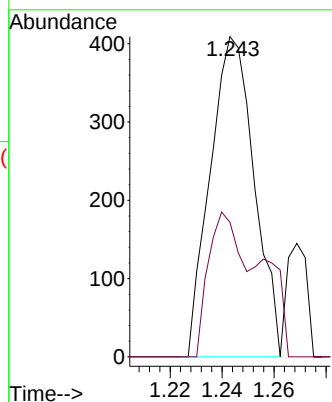
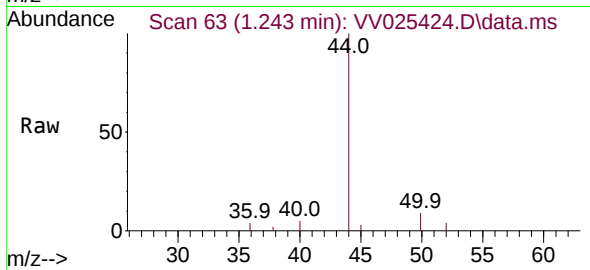
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

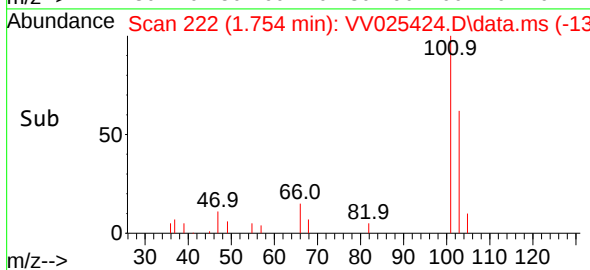
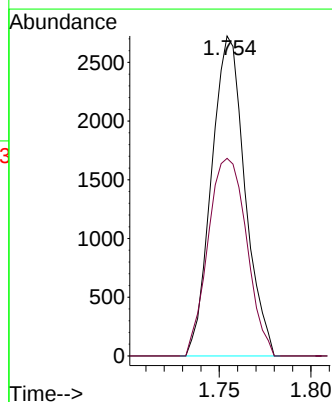
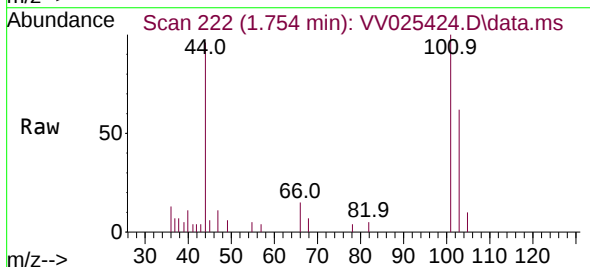
Instrument :
MSVOA_V
ClientSampleId :
YB2H1

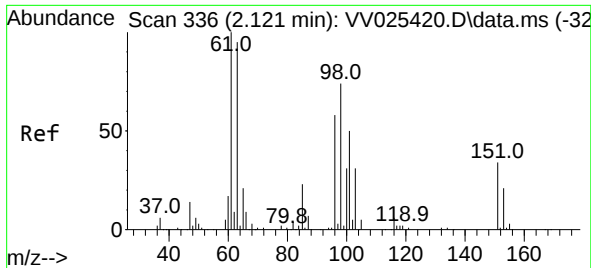
Tgt Ion: 50 Resp: 482
Ion Ratio Lower Upper
50 100
52 42.1 23.7 43.9



#9
Trichlorofluoromethane
Concen: 0.174 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Tgt Ion: 101 Resp: 3455
Ion Ratio Lower Upper
101 100
103 71.2 51.9 77.9

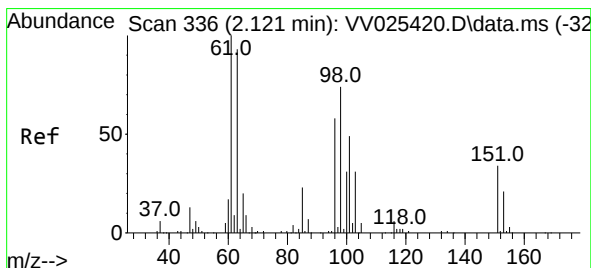
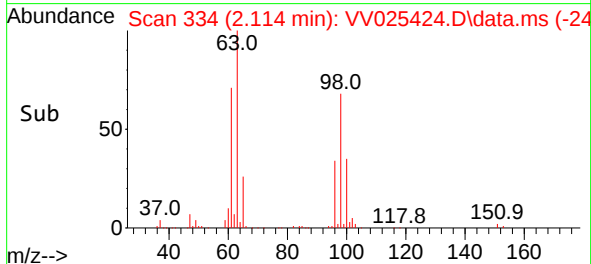
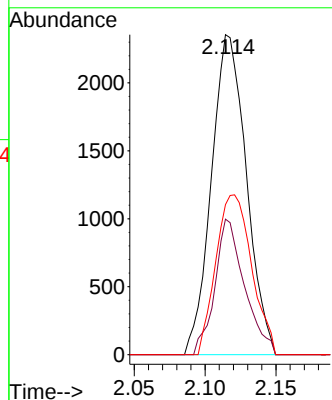
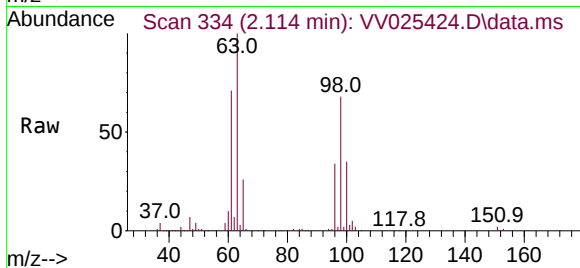




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.363 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VV025424.D
 Acq: 08 Apr 2022 21:04

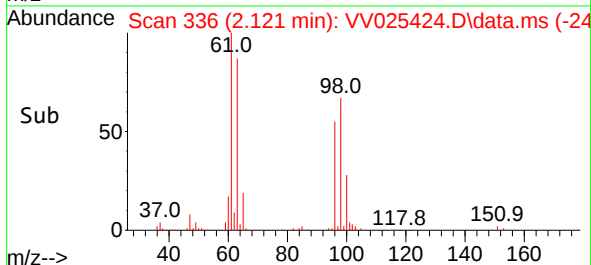
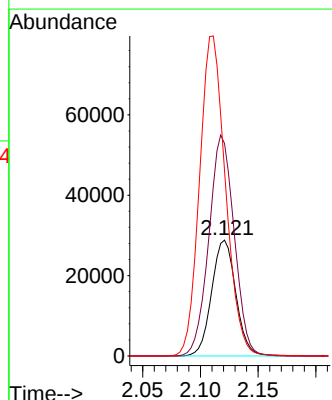
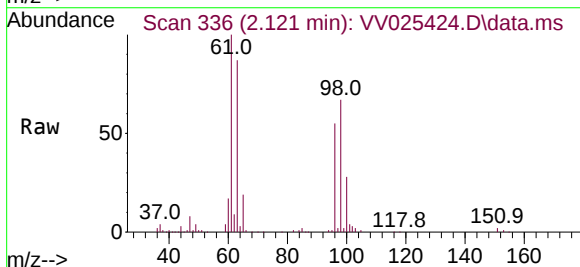
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H1

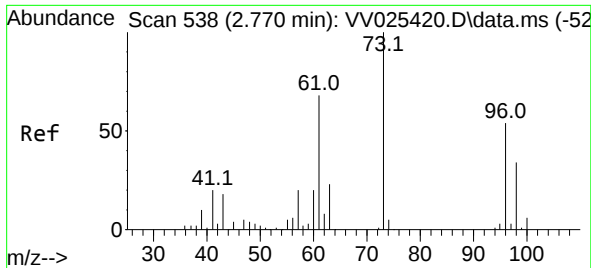
Tgt Ion:101 Resp: 4041
 Ion Ratio Lower Upper
 101 100
 85 35.9 35.9 53.9
 151 51.2 56.0 84.0#



#12
 1,1-Dichloroethene
 Concen: 3.798 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025424.D
 Acq: 08 Apr 2022 21:04

Tgt Ion: 96 Resp: 41953
 Ion Ratio Lower Upper
 96 100
 61 183.4 125.2 232.4
 63 160.2 114.4 212.4

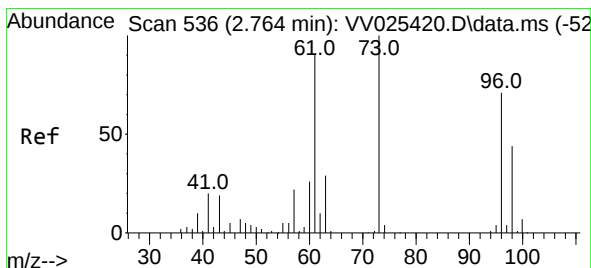
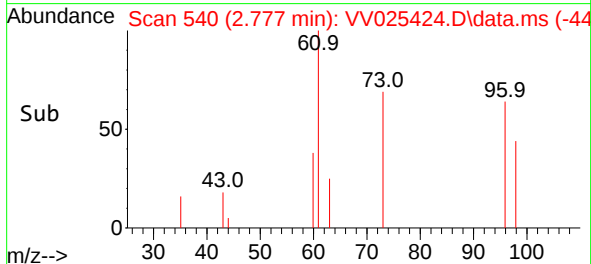
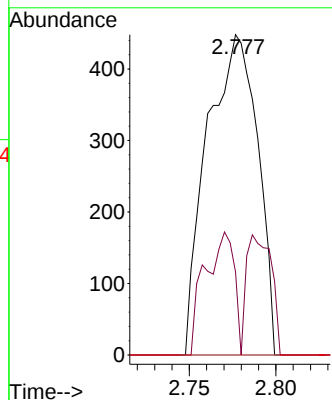
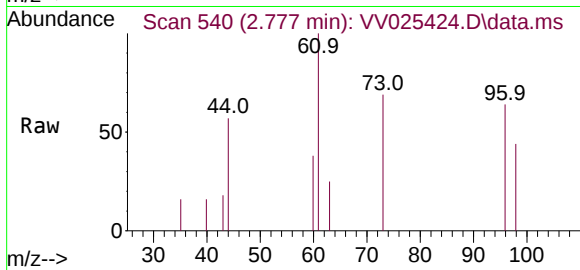




#17
Methyl tert-butyl Ether
Concen: 0.053 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

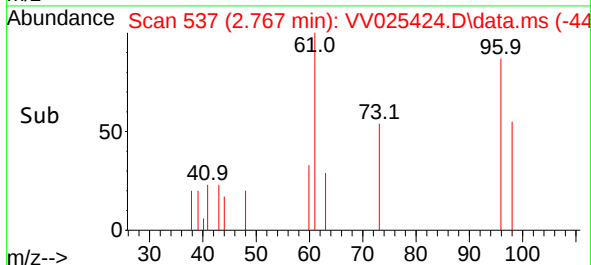
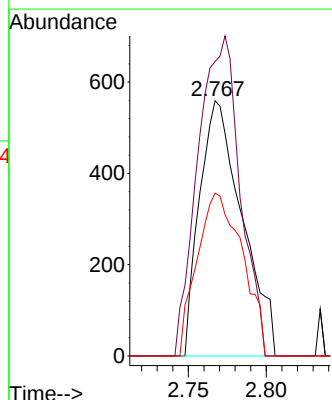
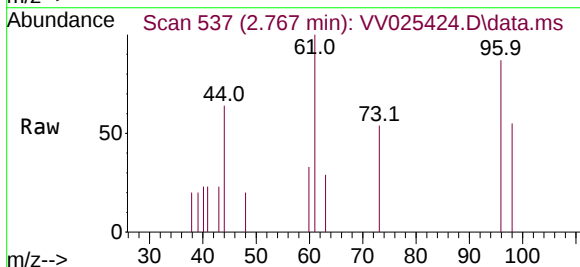
Instrument :
MSVOA_V
ClientSampleId :
YB2H1

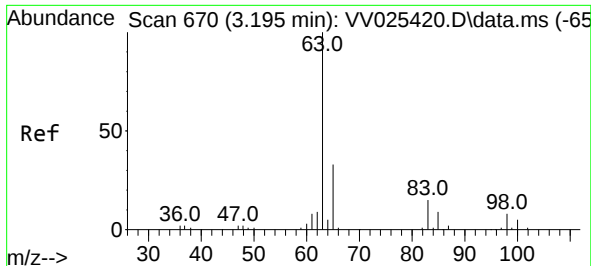
Tgt Ion: 73 Resp: 906
Ion Ratio Lower Upper
73 100
43 22.3 14.2 21.4#
57 0.0 16.1 24.1#



#18
trans-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Tgt Ion: 96 Resp: 1064
Ion Ratio Lower Upper
96 100
61 115.4 92.1 171.1
98 63.9 47.5 88.1





#19

1,1-Dichloroethane

Concen: 0.341 ug/L

RT: 3.201 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025424.D

Acq: 08 Apr 2022 21:04

Instrument :

MSVOA_V

ClientSampleId :

YB2H1

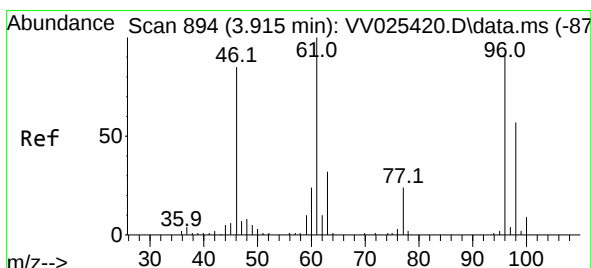
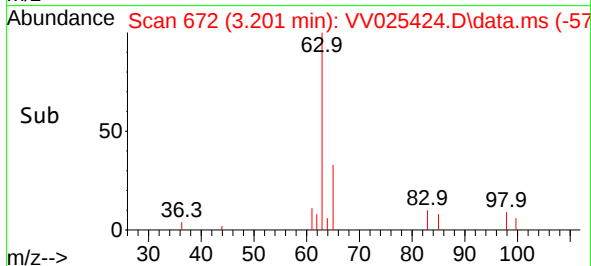
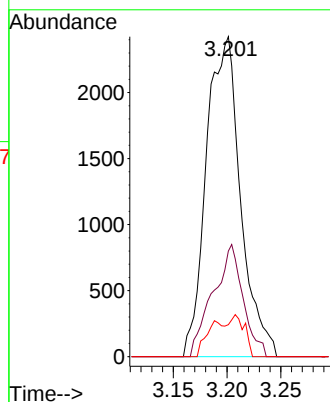
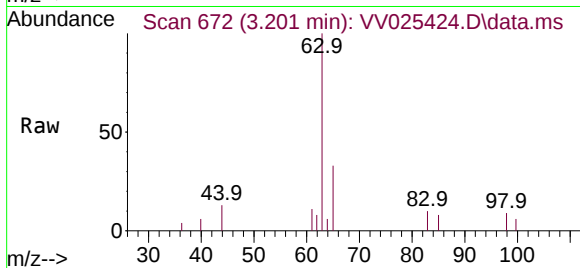
Tgt Ion: 63 Resp: 5352

Ion Ratio Lower Upper

63 100

65 33.0 23.2 43.0

83 10.0 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 1.005 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV025424.D

Acq: 08 Apr 2022 21:04

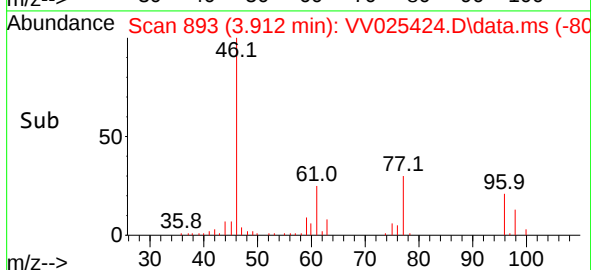
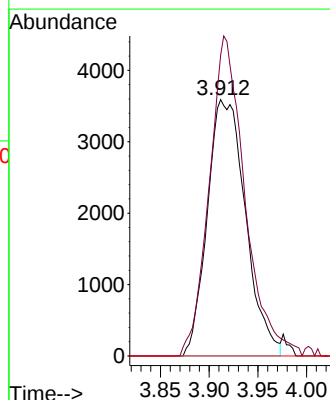
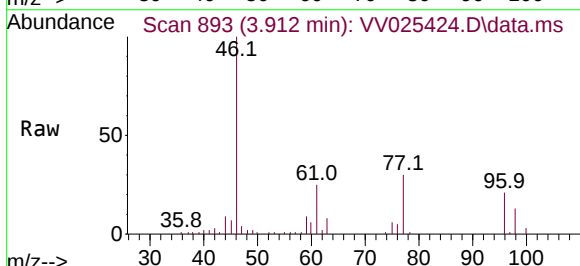
Tgt Ion: 96 Resp: 9796

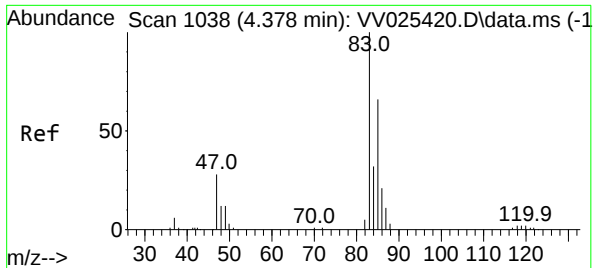
Ion Ratio Lower Upper

96 100

61 117.4 80.0 148.6

68 0.0 0.0 0.0

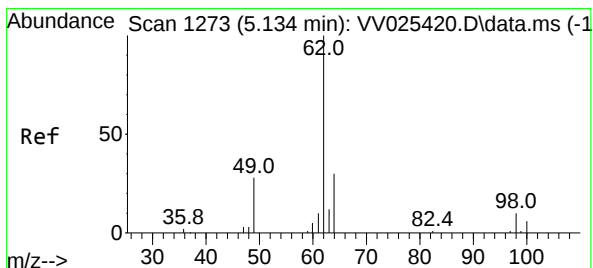
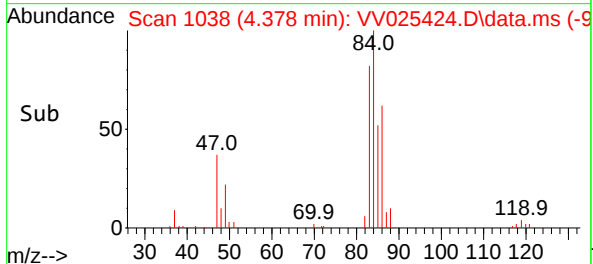
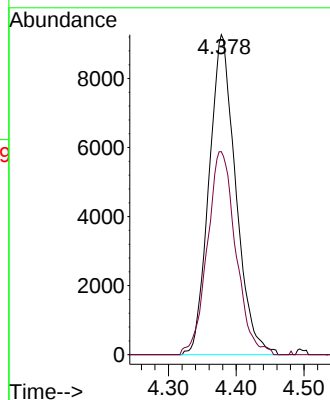
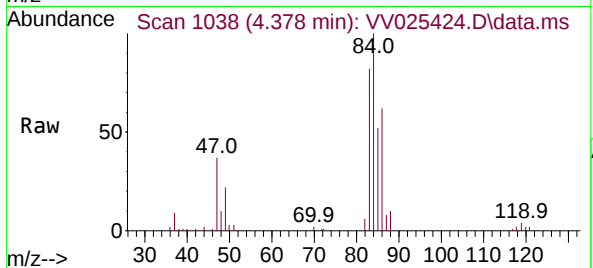




#25
Chloroform
Concen: 1.530 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

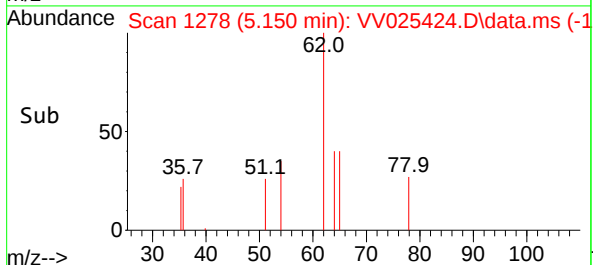
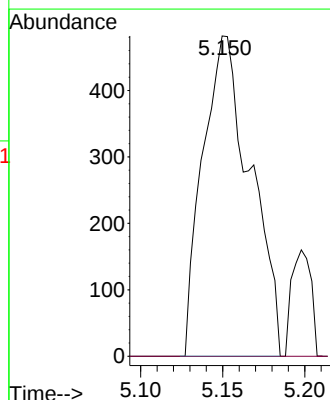
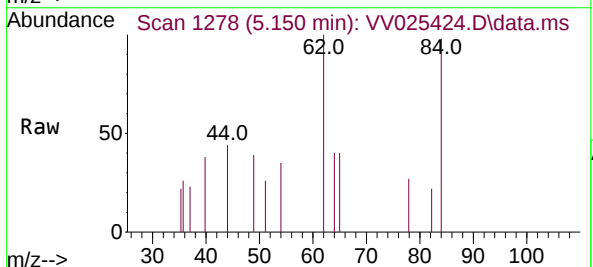
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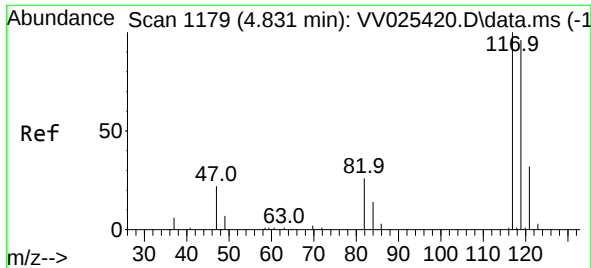
Tgt Ion: 83 Resp: 25319
Ion Ratio Lower Upper
83 100
85 63.5 43.5 80.7



#27
1,2-Dichloroethane
Concen: 0.112 ug/L
RT: 5.150 min Scan# 1278
Delta R.T. 0.016 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Tgt Ion: 62 Resp: 975
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#

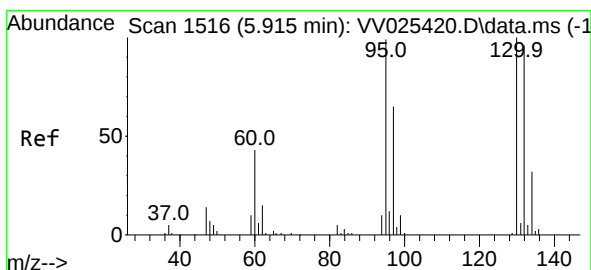
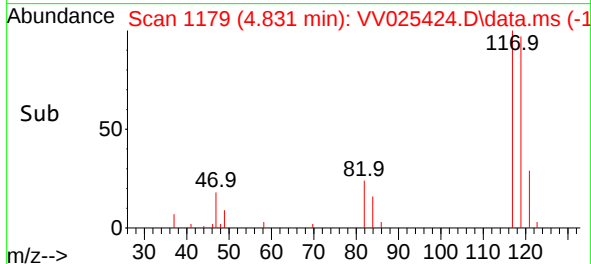
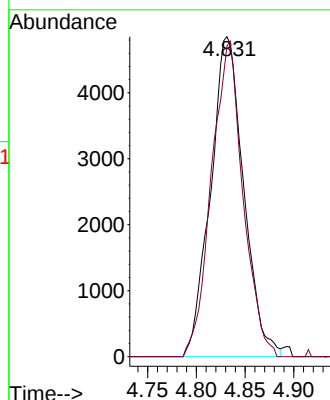
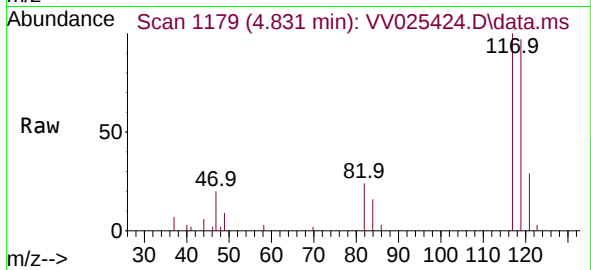




#31
Carbon tetrachloride
Concen: 0.947 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

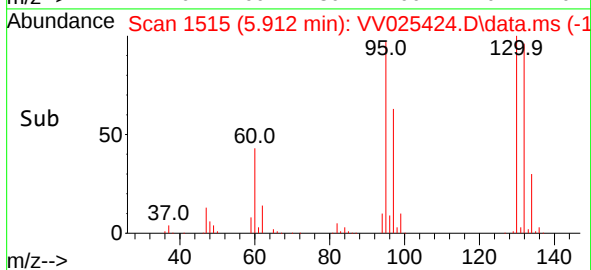
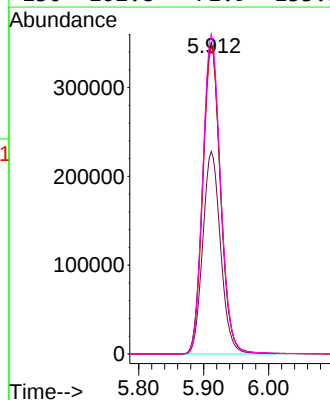
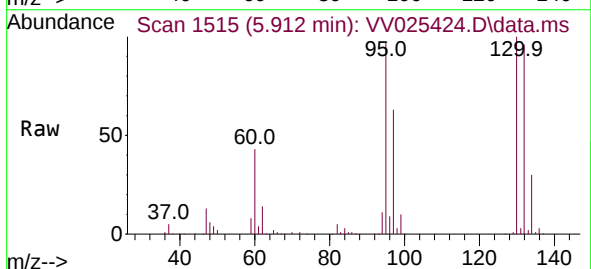
Instrument :
MSVOA_V
ClientSampleId :
YB2H1

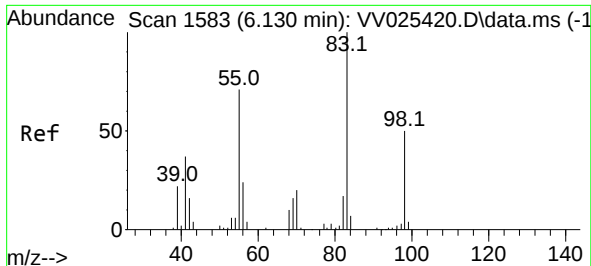
Tgt Ion:117 Resp: 11460
Ion Ratio Lower Upper
117 100
119 93.8 76.6 114.8



#34
Trichloroethene
Concen: 70.320 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Tgt Ion: 95 Resp: 669386
Ion Ratio Lower Upper
95 100
97 65.0 45.8 85.2
132 98.9 68.0 126.4
130 102.8 71.9 133.5

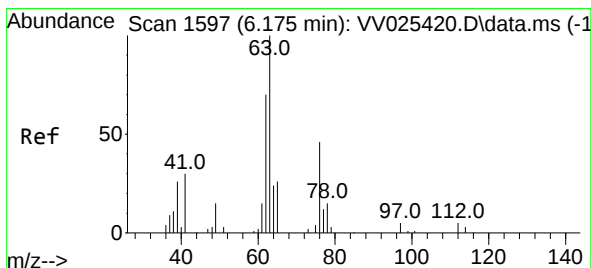
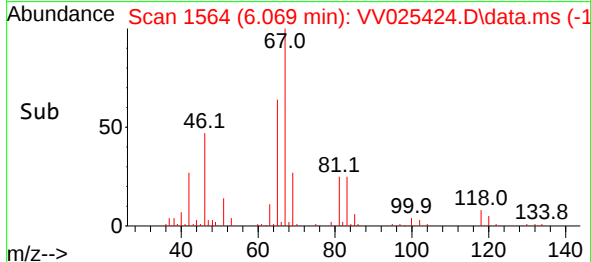
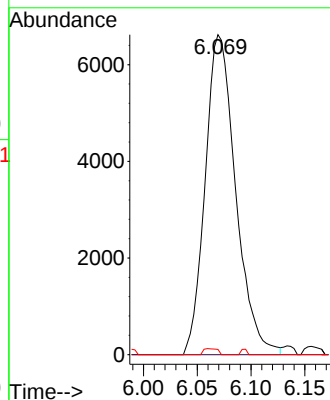
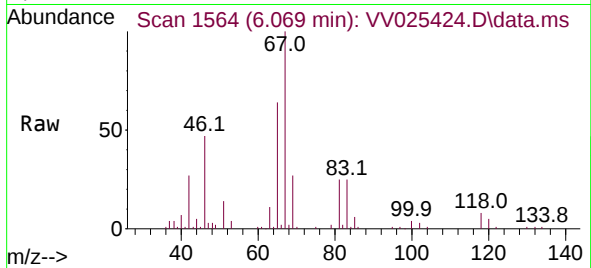




#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.069 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

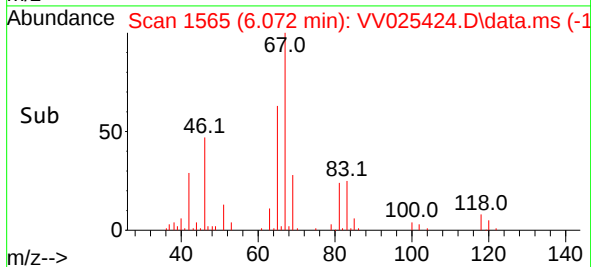
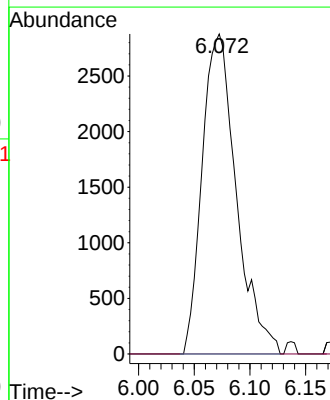
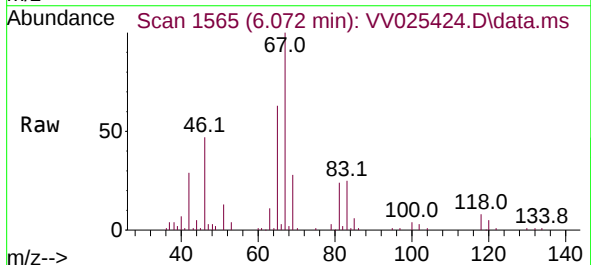
Instrument :
MSVOA_V
ClientSampleId :
YB2H1

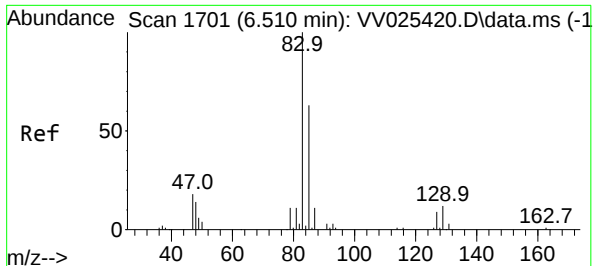
Tgt Ion: 83 Resp: 13059
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.741 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Tgt Ion: 63 Resp: 6149
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#

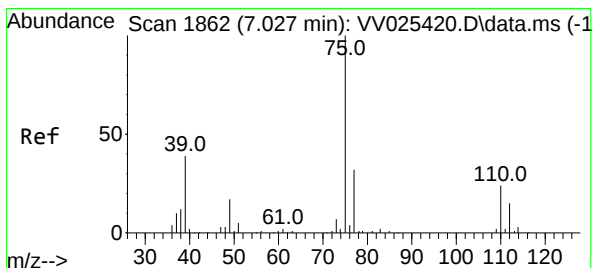
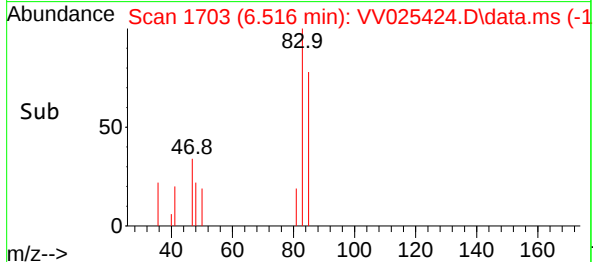
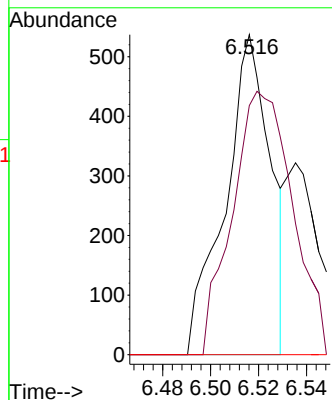
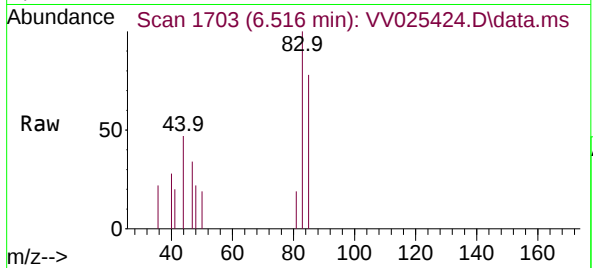




#38
Bromodichloromethane
Concen: 0.068 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

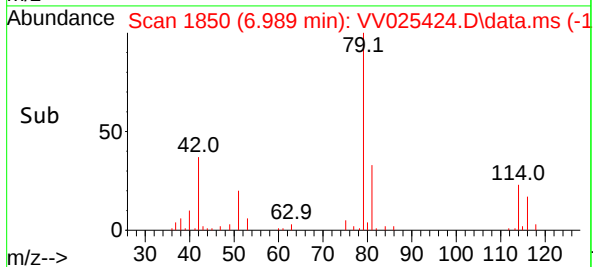
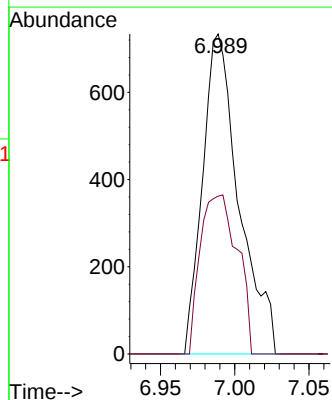
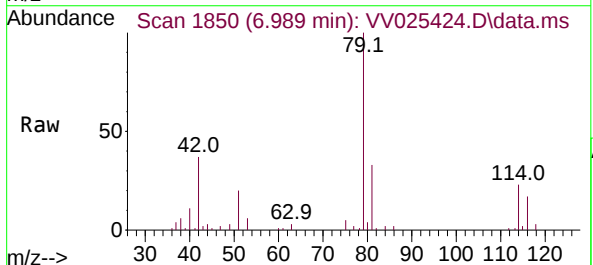
Instrument :
MSVOA_V
ClientSampleId :
YB2H1

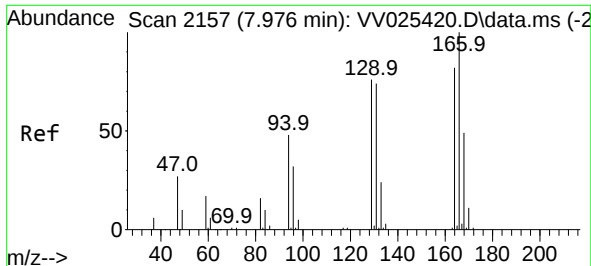
Tgt Ion: 83 Resp: 705
Ion Ratio Lower Upper
83 100
85 77.8 44.4 82.4
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.115 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Tgt Ion: 75 Resp: 1251
Ion Ratio Lower Upper
75 100
77 49.3 21.8 40.6#

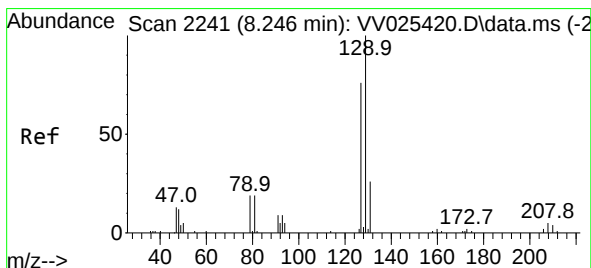
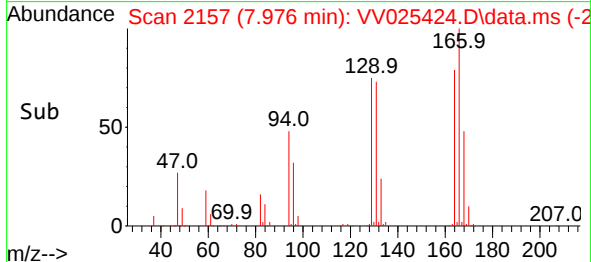
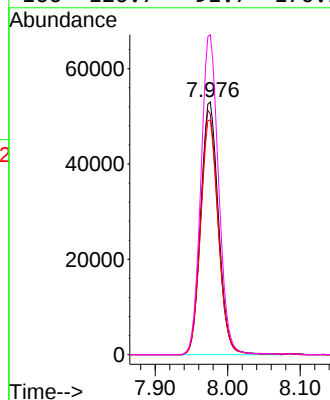
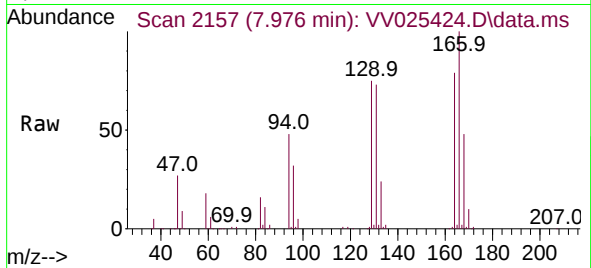




#47
Tetrachloroethene
Concen: 12.134 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

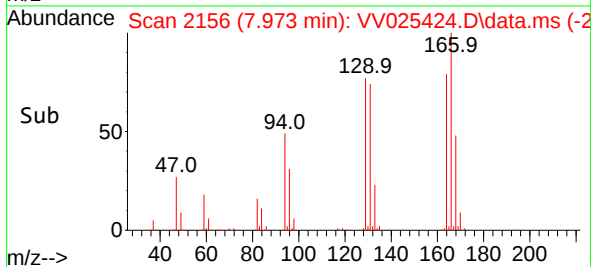
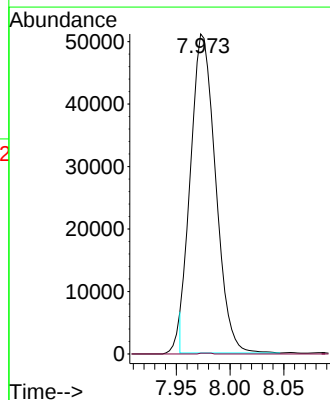
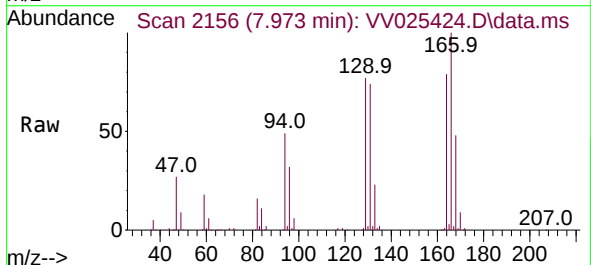
Instrument :
MSVOA_V
ClientSampleId :
YB2H1

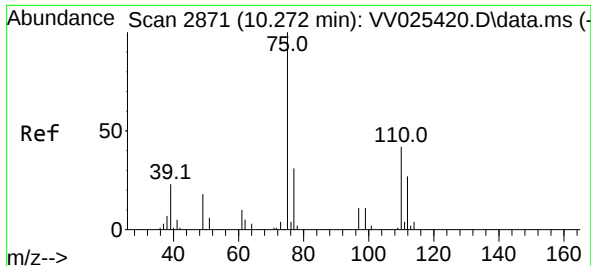
Tgt Ion:164 Resp: 90424
Ion Ratio Lower Upper
164 100
129 95.3 66.8 124.2
131 92.9 66.4 123.4
166 126.7 91.7 170.3



#49
Dibromochloromethane
Concen: 13.492 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.273 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Tgt Ion:129 Resp: 82267
Ion Ratio Lower Upper
129 100
127 0.2 53.8 100.0#

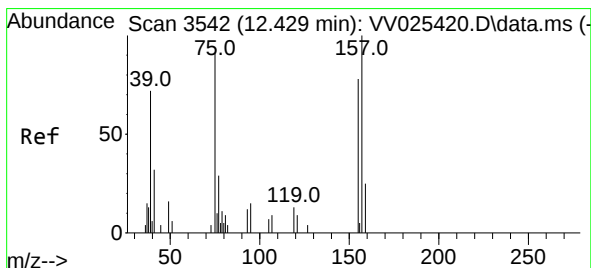
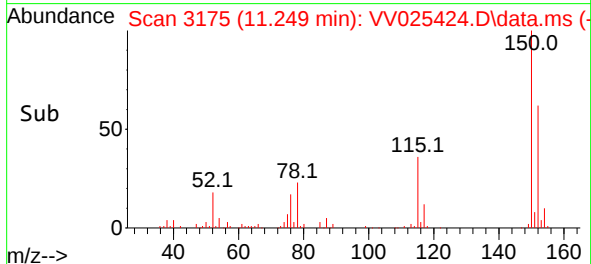
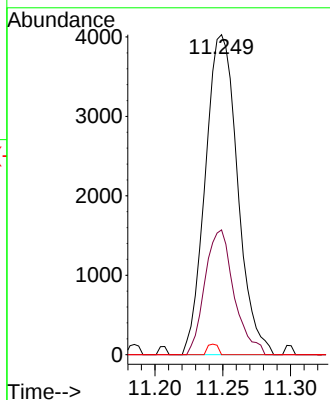
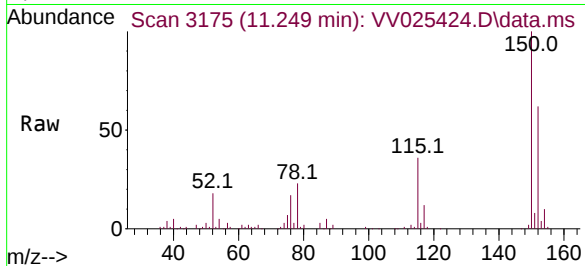




#61
1,2,3-Trichloropropane
Concen: 1.814 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Instrument :
MSVOA_V
ClientSampleId :
YB2H1

Tgt Ion: 75 Resp: 6665
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4
110 1.1 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.139 ug/L
RT: 12.259 min Scan# 3489
Delta R.T. -0.170 min
Lab File: VV025424.D
Acq: 08 Apr 2022 21:04

Tgt Ion: 75 Resp: 88
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

