

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023547.D
 Acq On : 16 Nov 2021 20:25
 Operator : SY/MD
 Sample : M4617-04DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG225DL

Quant Time: Nov 17 00:55:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

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

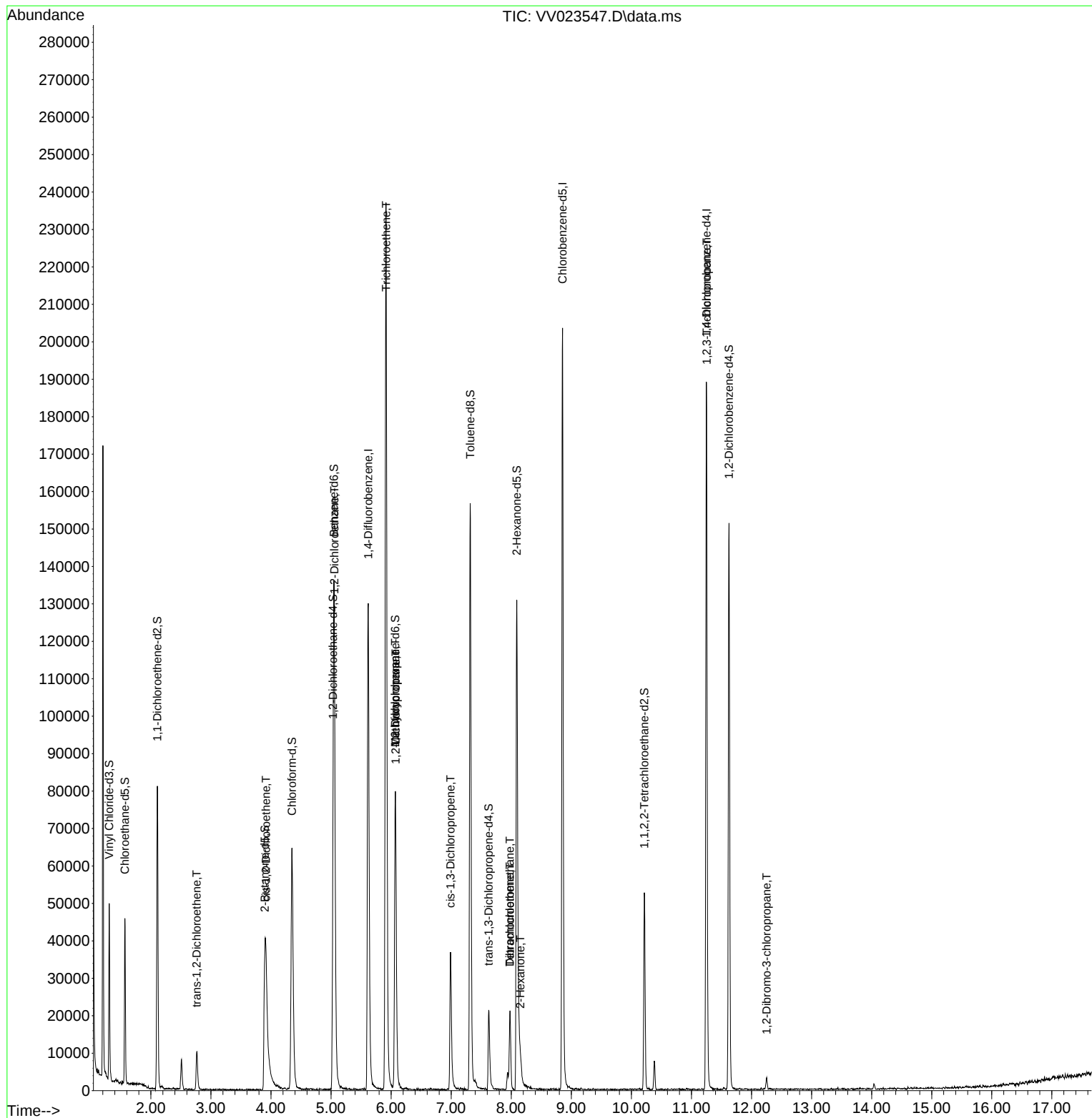
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29447	4.003	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.568	69	25835	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.108	63	42200	3.065	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.895	46	66915	52.803	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.600%
24) Chloroform-d	4.352	84	63962	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.034	65	31592	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.050	84	122055	4.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.069	67	38087	4.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.317	98	105514	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.625	79	12982	3.922	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.091	63	42414	34.829	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24144	3.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	40950	4.761	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	2.764	96	4145	0.482	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	7952	0.960	ug/L #	86
27) 1,2-Dichloroethane	5.056	62	741	0.090	ug/L #	72
34) Trichloroethene	5.915	95	80262	9.344	ug/L	98
35) Methylcyclohexane	6.069	83	9580	0.707	ug/L #	17
37) 1,2-Dichloropropane	6.075	63	4481	0.594	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1024	0.094	ug/L #	65
47) Tetrachloroethene	7.979	164	5111	0.687	ug/L	91
48) 2-Hexanone	8.153	43	5143	2.099	ug/L #	74
49) Dibromochloromethane	7.979	129	4522	0.659	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	5684	1.657	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.249	75	77	0.105	ug/L #	1

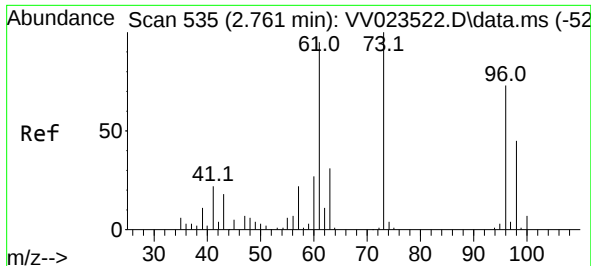
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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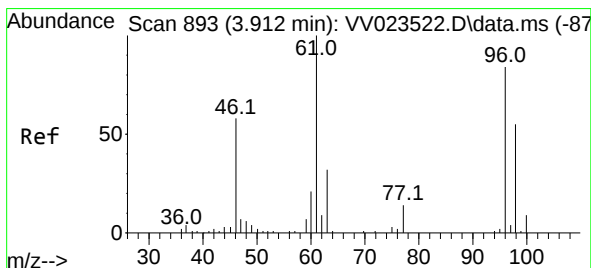
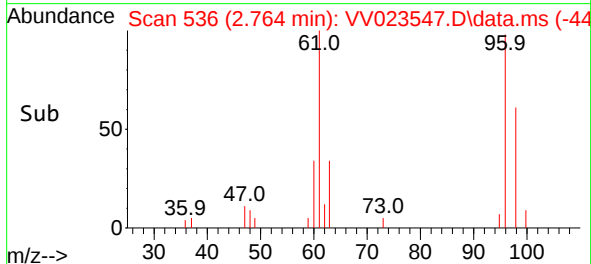
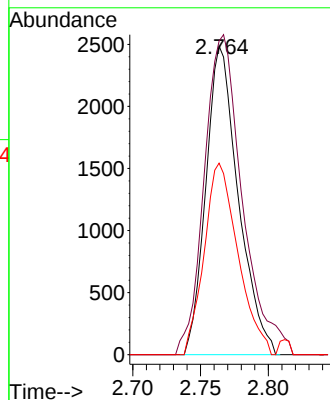
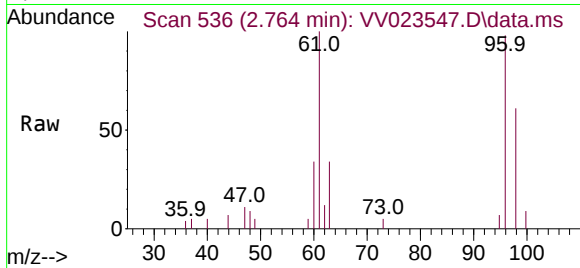




#18
trans-1,2-Dichloroethene
Concen: 0.482 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

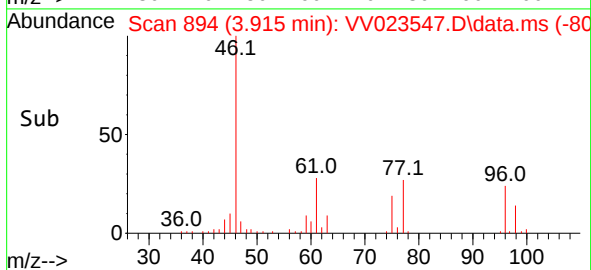
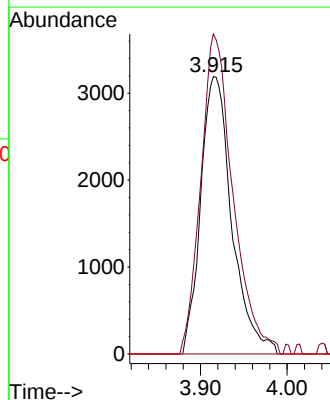
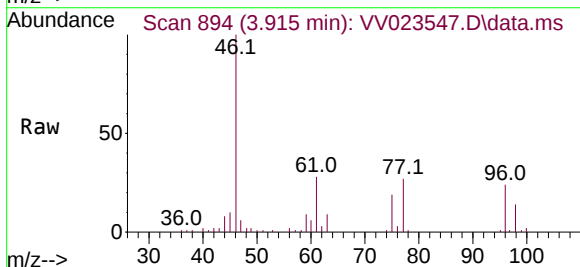
Instrument :
MSVOA_V
ClientSampleId :
BG225DL

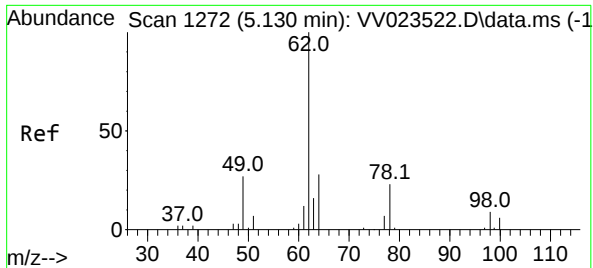
Tgt Ion: 96 Resp: 4145
Ion Ratio Lower Upper
96 100
61 101.6 93.2 173.2
98 62.0 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 0.960 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

Tgt Ion: 96 Resp: 7952
Ion Ratio Lower Upper
96 100
61 115.4 92.3 171.3
68 0.0 0.4 0.8

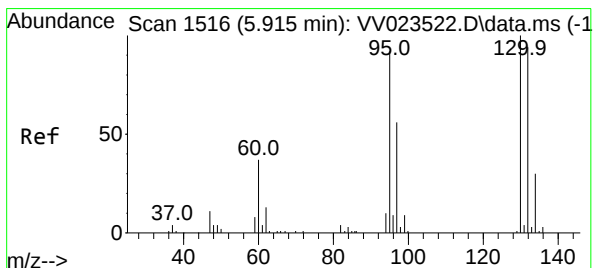
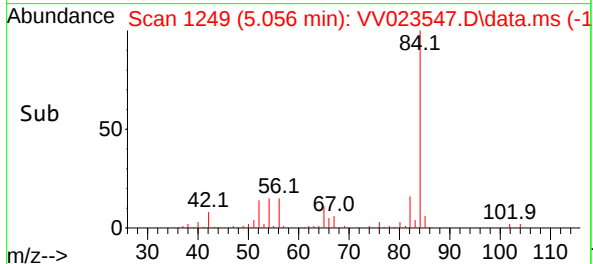
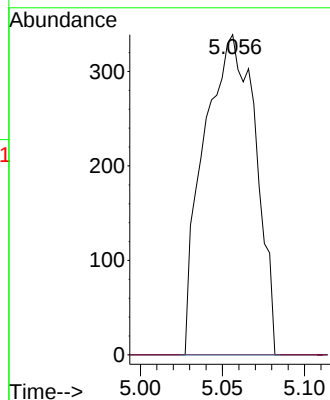
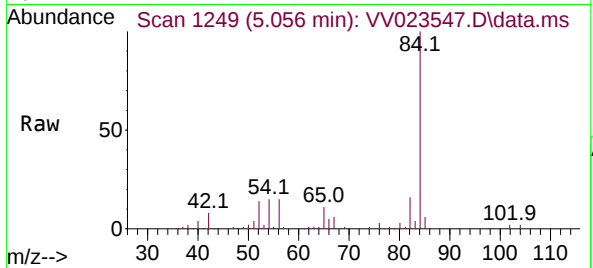




#27
1,2-Dichloroethane
Concen: 0.090 ug/L
RT: 5.056 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

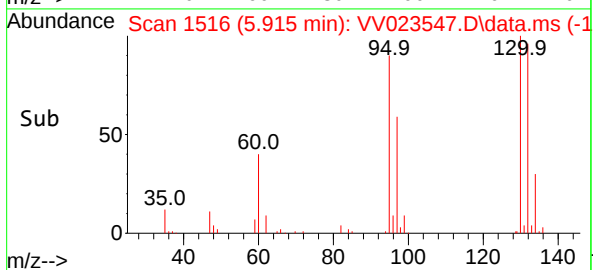
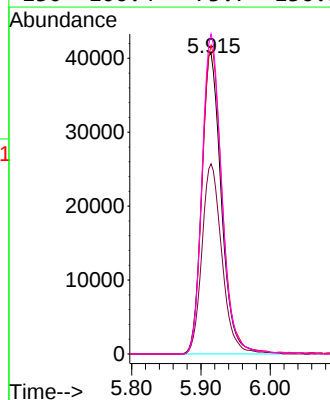
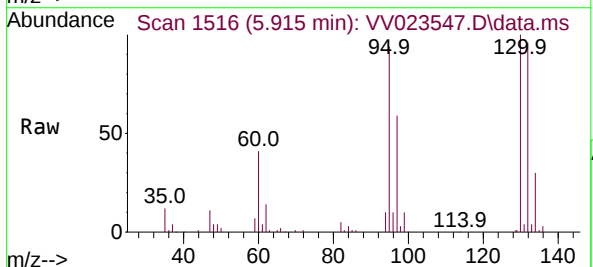
Instrument :
MSVOA_V
ClientSampleId :
BG225DL

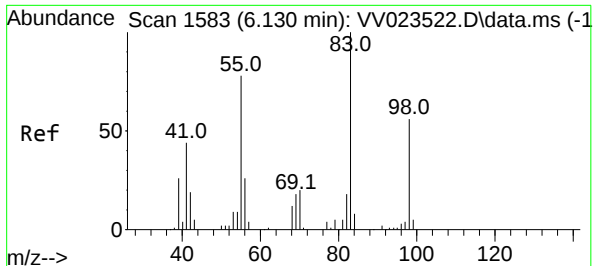
Tgt Ion: 62 Resp: 741
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 9.344 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

Tgt Ion: 95 Resp: 80262
Ion Ratio Lower Upper
95 100
97 63.2 45.0 83.6
132 102.7 69.7 129.4
130 106.4 73.7 136.9

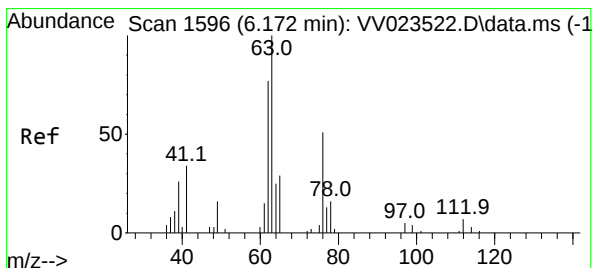
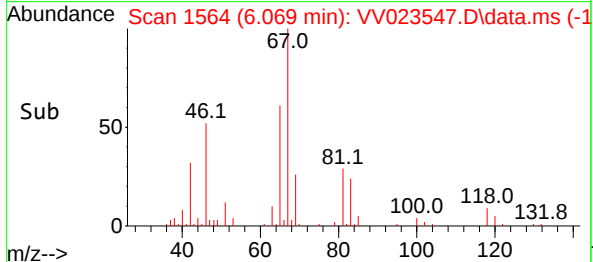
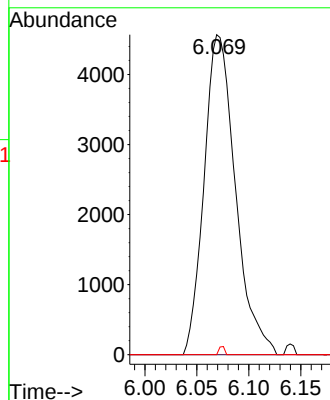
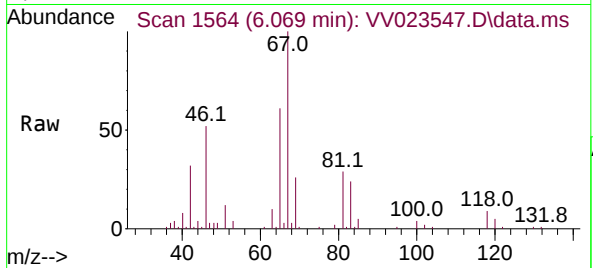




#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.069 min Scan# 1583
Delta R.T. -0.061 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

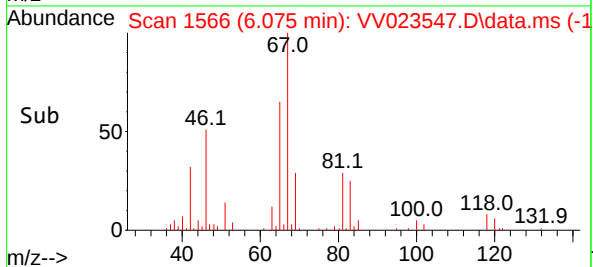
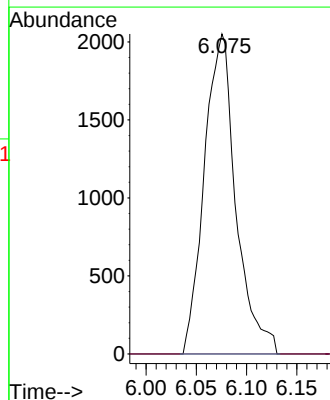
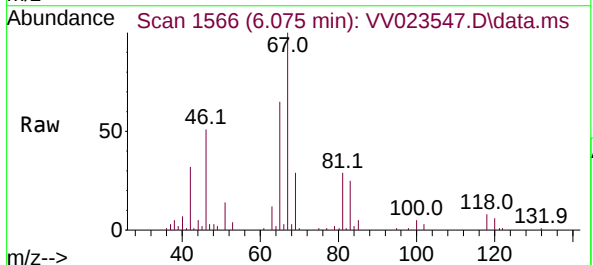
Instrument :
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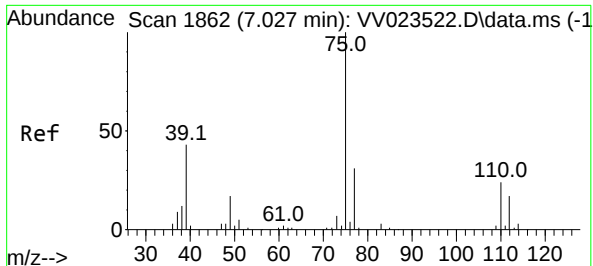
Tgt Ion: 83 Resp: 9580
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.097 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

Tgt Ion: 63 Resp: 4481
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023547.D

Acq: 16 Nov 2021 20:25

Instrument :

MSVOA_V

ClientSampleId :

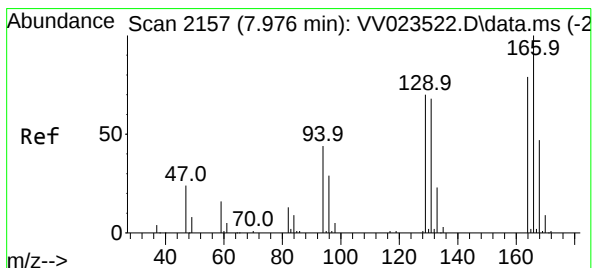
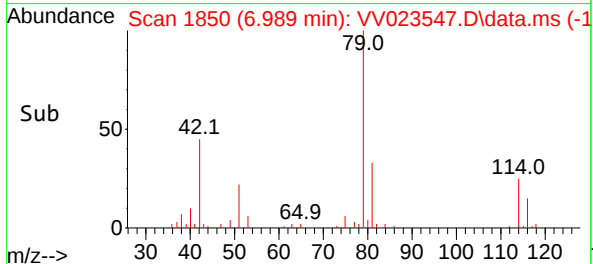
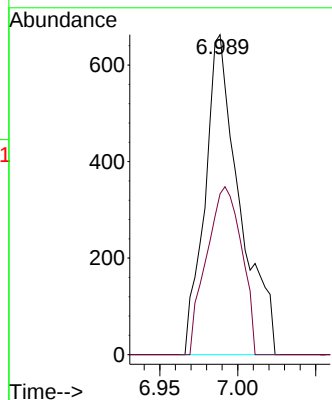
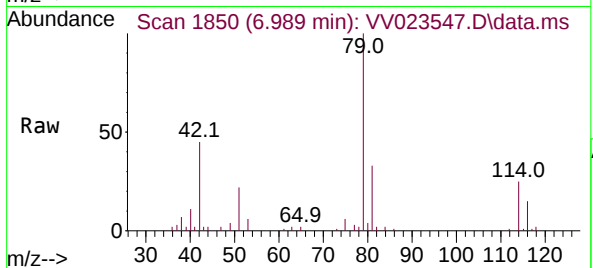
BG225DL

Tgt Ion: 75 Resp: 1024

Ion Ratio Lower Upper

75 100

77 50.2 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.687 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023547.D

Acq: 16 Nov 2021 20:25

Tgt Ion:164 Resp: 5111

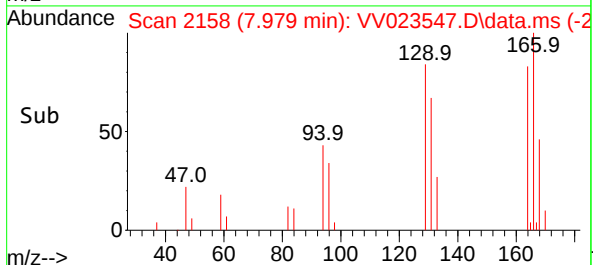
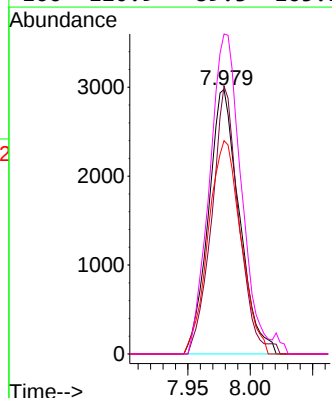
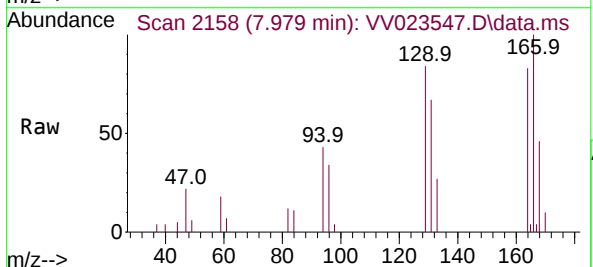
Ion Ratio Lower Upper

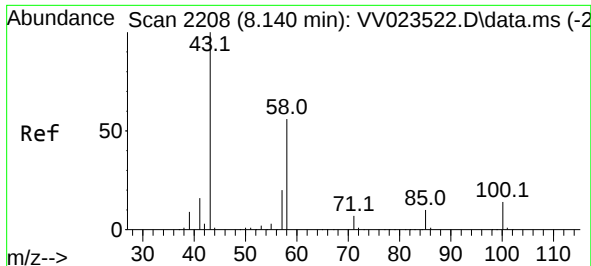
164 100

129 101.2 64.0 119.0

131 80.6 63.4 117.8

166 120.9 89.3 165.9

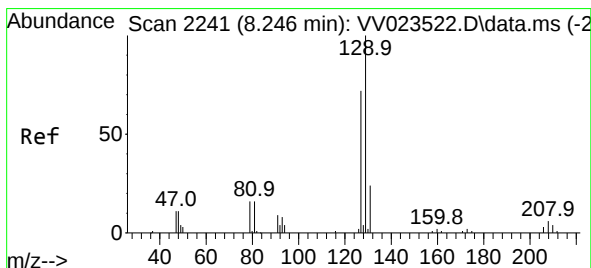
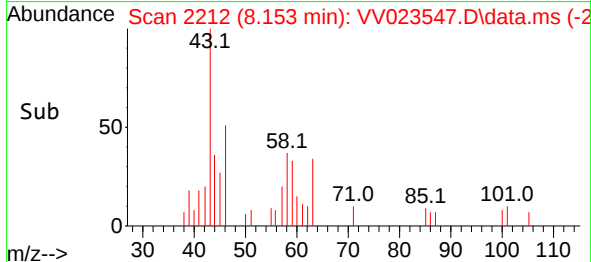
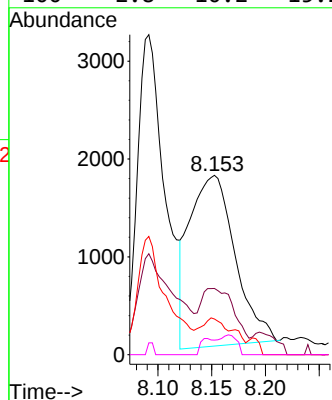
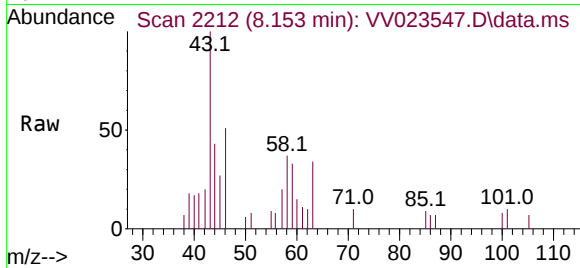




#48
2-Hexanone
Concen: 2.099 ug/L
RT: 8.153 min Scan# 2158
Delta R.T. 0.013 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

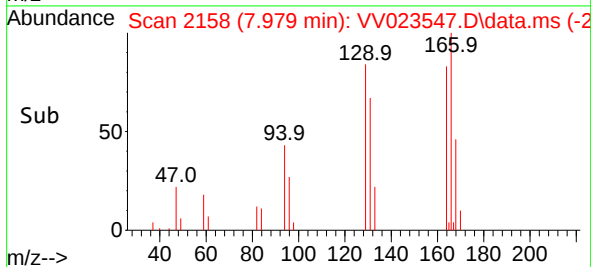
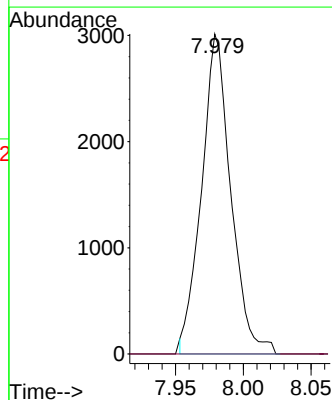
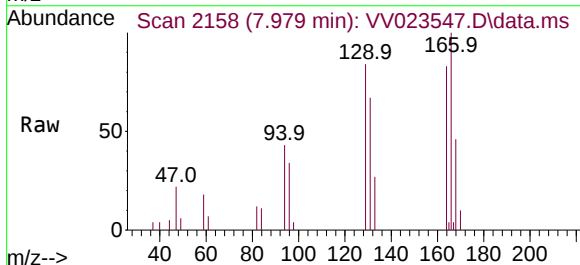
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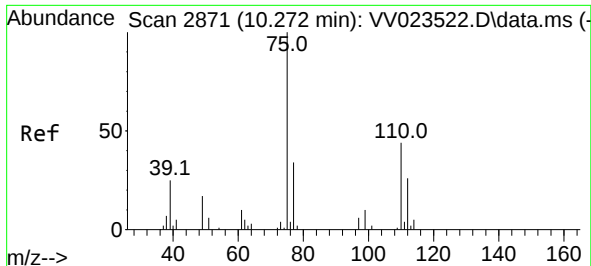
Tgt Ion: 43	Resp: 5143
Ion Ratio	Lower Upper
43 100	
58 30.4	43.7 65.5#
57 15.6	14.1 21.1
100 2.8	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.659 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

Tgt Ion:129	Resp:	4522	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

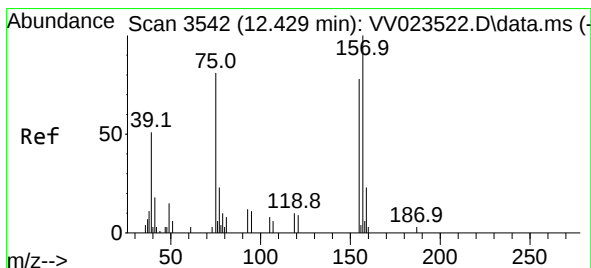
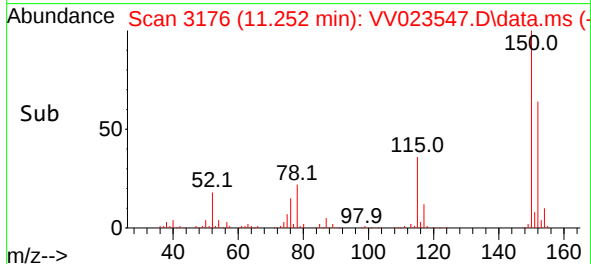
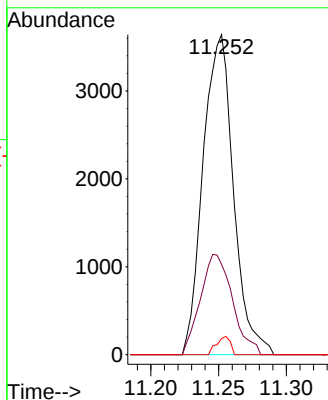
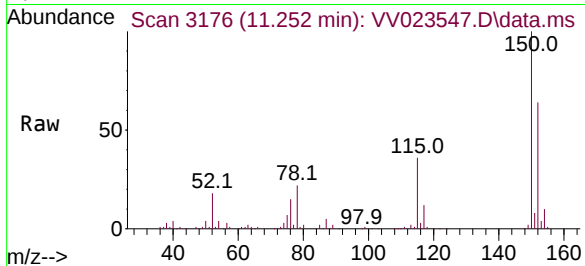




#61
1,2,3-Trichloropropane
Concen: 1.657 ug/L
RT: 11.252 min Scan# 3116
Delta R.T. 0.981 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

Instrument :
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ClientSampleId :
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Tgt Ion: 75 Resp: 5684
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8
110 2.6 31.8 47.6#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.105 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV023547.D
Acq: 16 Nov 2021 20:25

Tgt Ion: 75 Resp: 77
Ion Ratio Lower Upper
75 100
155 0.0 67.7 101.5#
157 0.0 87.9 131.9#

