

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022943.D
 Acq On : 20 Oct 2021 20:05
 Operator : SY/MD
 Sample : M4137-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA2DL

Quant Time: Oct 21 02:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

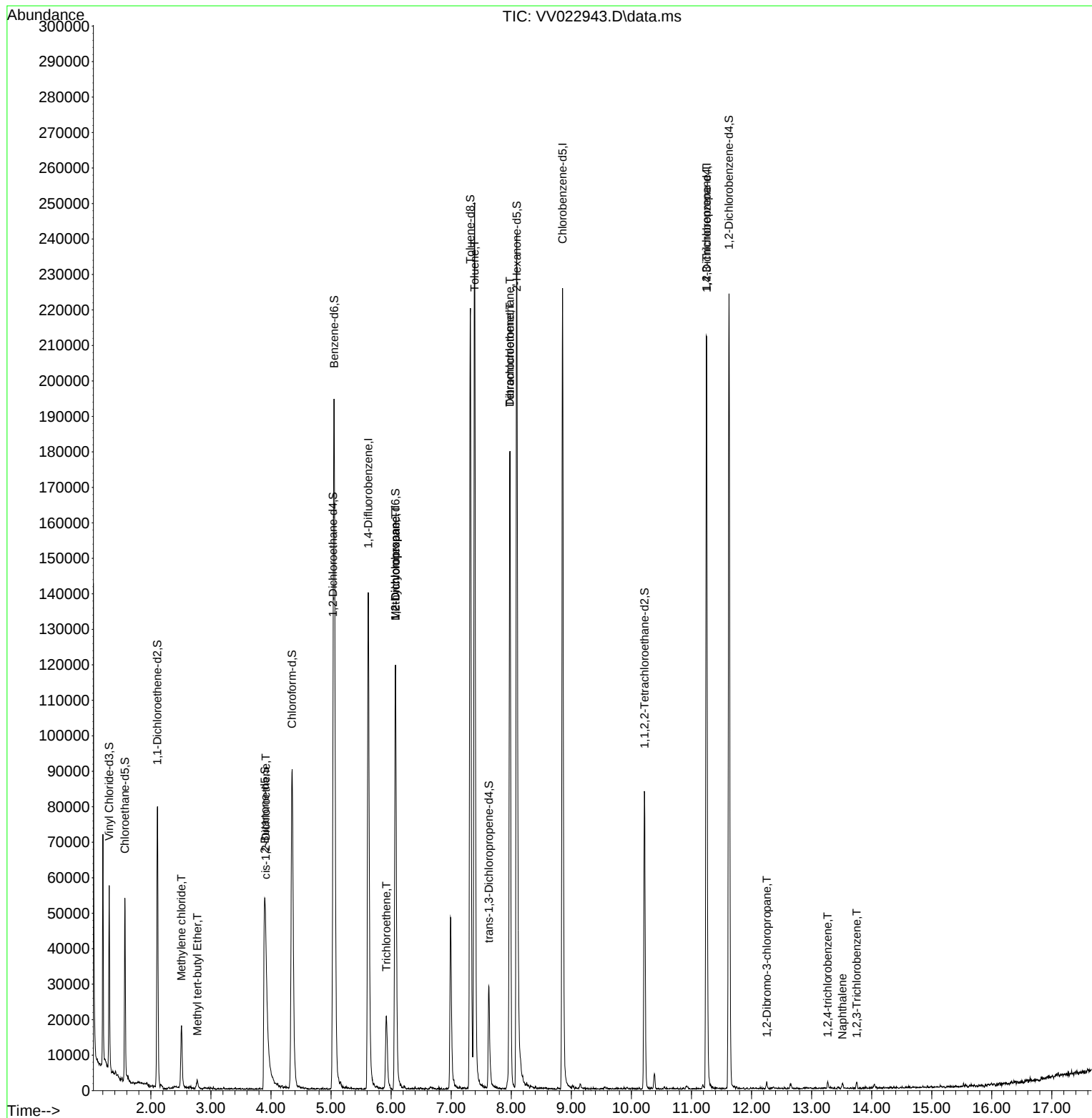
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30173	3.548	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.568	69	30330	3.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.108	63	39946	2.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.800%#
20) 2-Butanone-d5	3.896	46	109988	49.328	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.660%
24) Chloroform-d	4.349	84	94833	5.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.034	65	43546	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.053	84	179435	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	58807	5.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.320	98	151181	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.628	79	17573	4.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.091	63	83731	56.275	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.540%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	41051	5.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	60031	5.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
16) Methylene chloride	2.510	84	7331	0.713	ug/L	90
17) Methyl tert-butyl Ether	2.773	73	1691	0.094	ug/L #	72
22) cis-1,2-Dichloroethene	3.912	96	2396	0.281	ug/L	98
34) Trichloroethene	5.921	95	7309	0.791	ug/L	88
35) Methylcyclohexane	6.072	83	13813	1.066	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	6273	0.767	ug/L #	84
42) Toluene	7.391	91	181051	5.245	ug/L	99
47) Tetrachloroethene	7.979	164	42612	5.698	ug/L	96
49) Dibromochloromethane	7.979	129	38128	5.367	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	6698	1.627	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.255	75	76	0.101	ug/L #	1
70) 1,2,4-trichlorobenzene	13.268	180	720	0.079	ug/L #	93
71) Naphthalene	13.512	128	1723	0.119	ug/L #	76
72) 1,2,3-Trichlorobenzene	13.750	180	726	0.085	ug/L	95

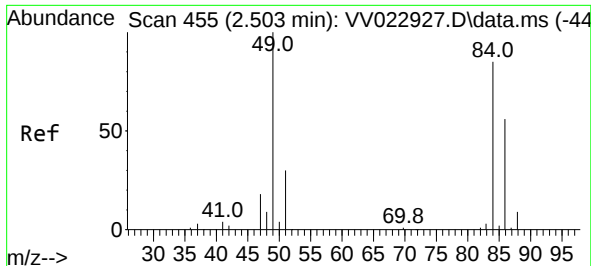
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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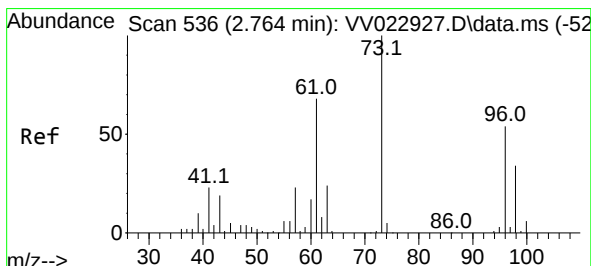
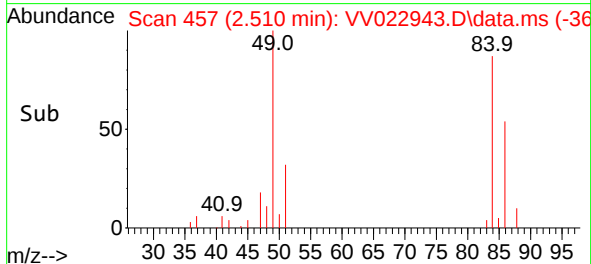
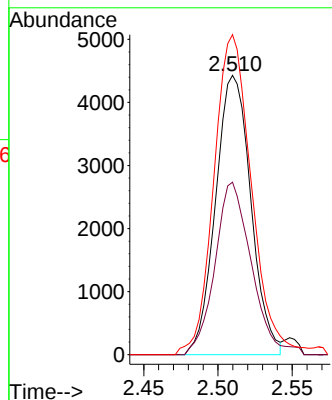
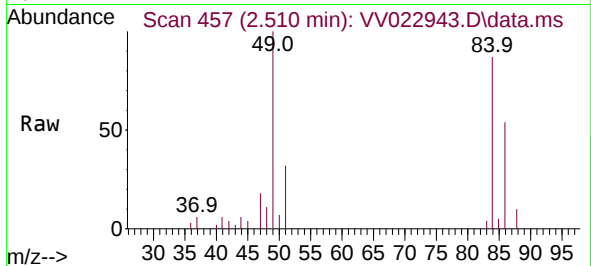




#16
Methylene chloride
Concen: 0.713 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

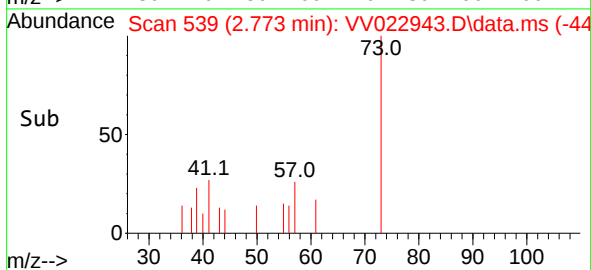
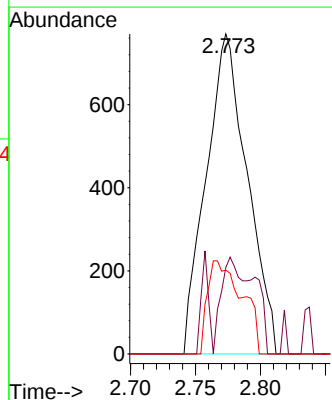
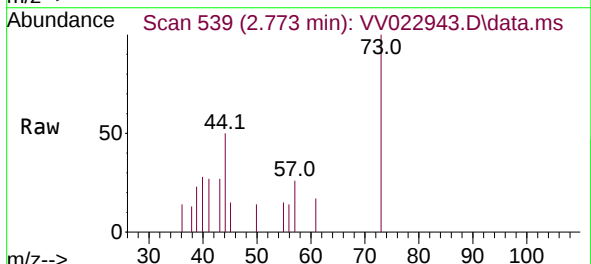
Instrument :
MSVOA_V
ClientSampleId :
BFGA2DL

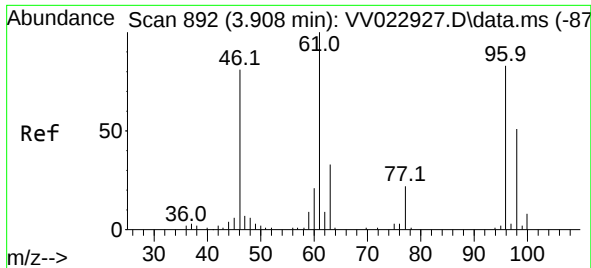
Tgt Ion: 84 Resp: 7331
Ion Ratio Lower Upper
84 100
86 61.7 45.8 85.2
49 114.6 90.3 167.7



#17
Methyl tert-butyl Ether
Concen: 0.094 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Tgt Ion: 73 Resp: 1691
Ion Ratio Lower Upper
73 100
43 16.5 17.1 25.7#
57 0.0 17.2 25.8#

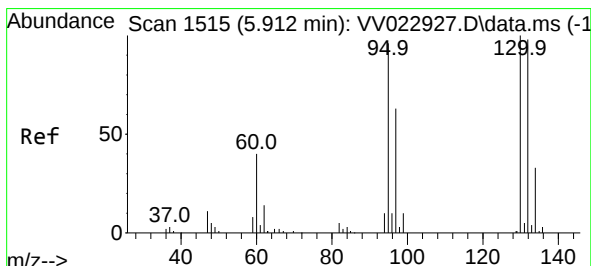
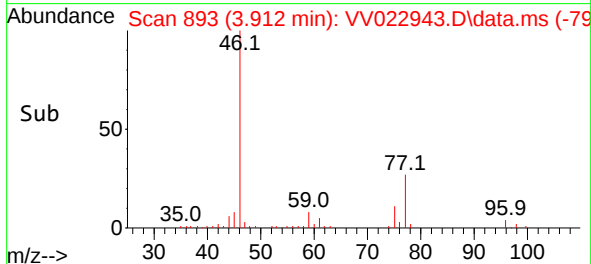
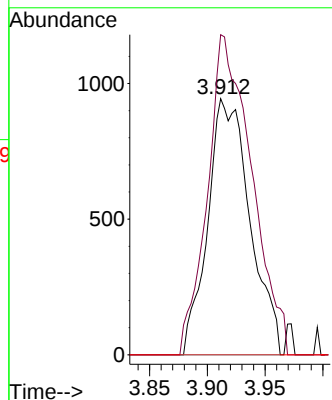
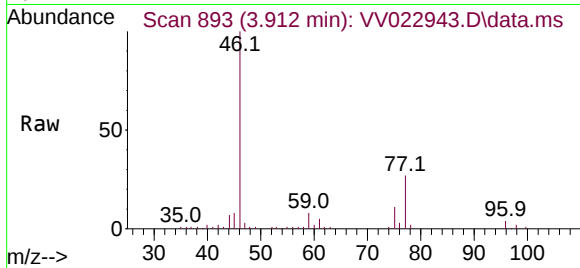




#22
 cis-1,2-Dichloroethene
 Concen: 0.281 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV022943.D
 Acq: 20 Oct 2021 20:05

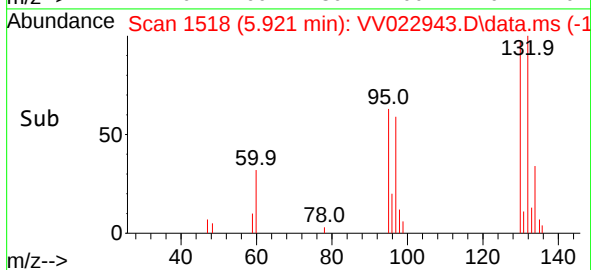
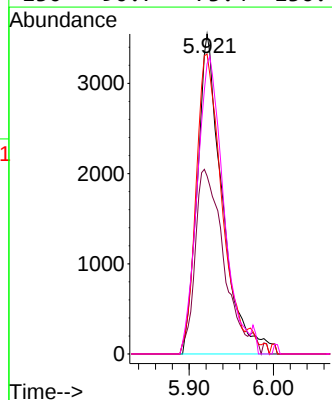
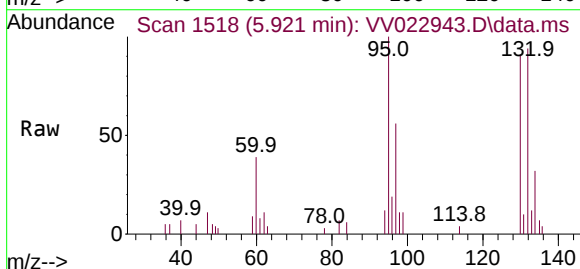
Instrument :
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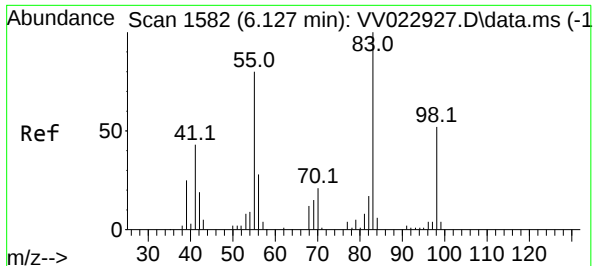
Tgt Ion:	96	Resp:	2396
Ion	Ratio	Lower	Upper
96	100		
61	125.0	86.0	159.6
68	0.0	0.0	0.0



#34
 Trichloroethene
 Concen: 0.791 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.010 min
 Lab File: VV022943.D
 Acq: 20 Oct 2021 20:05

Tgt Ion:	95	Resp:	7309
Ion	Ratio	Lower	Upper
95	100		
97	55.6	45.8	85.2
132	93.7	72.2	134.0
130	90.7	73.4	136.4

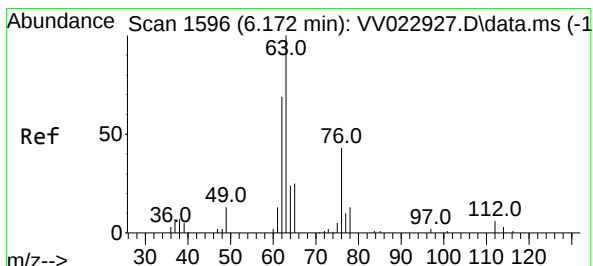
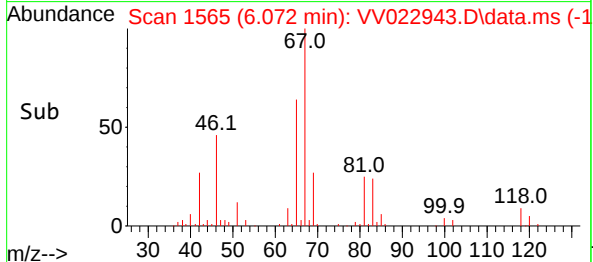
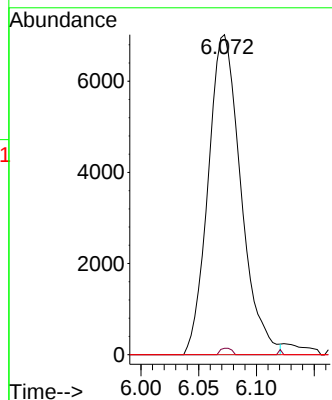
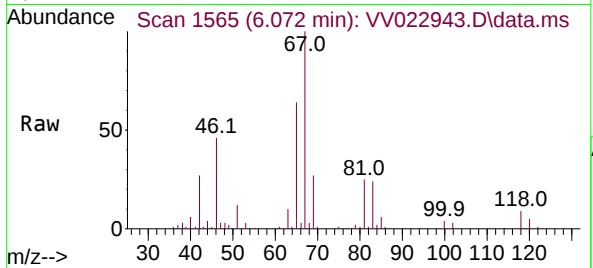




#35
Methylcyclohexane
Concen: 1.066 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

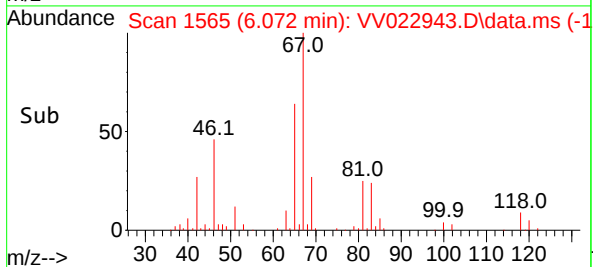
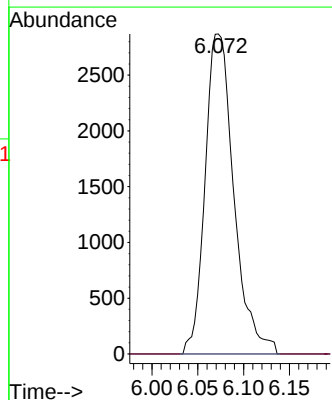
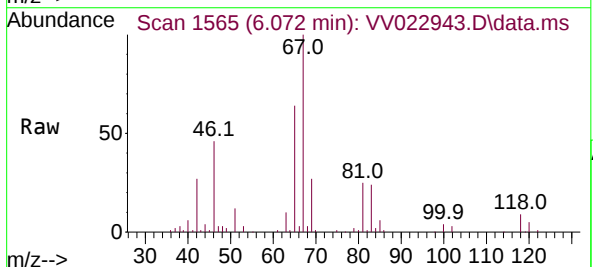
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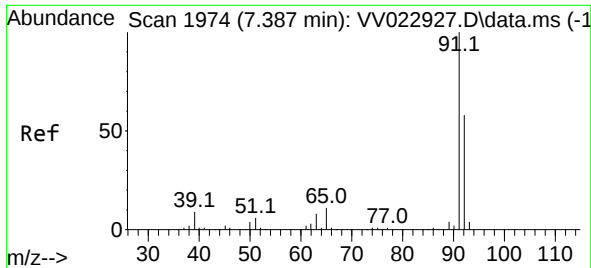
Tgt Ion: 83 Resp: 13813
Ion Ratio Lower Upper
83 100
55 0.7 63.8 95.6#
98 0.0 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.767 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Tgt Ion: 63 Resp: 6273
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

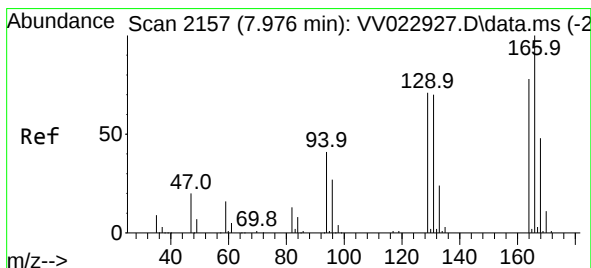
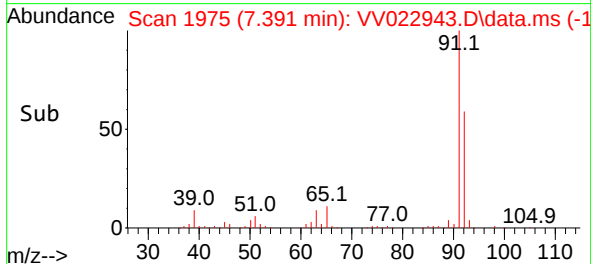
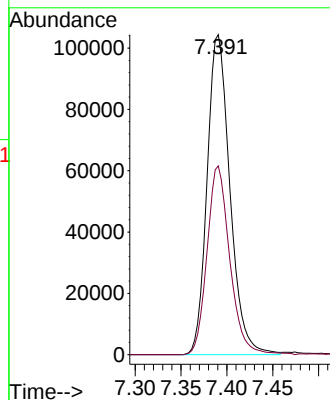
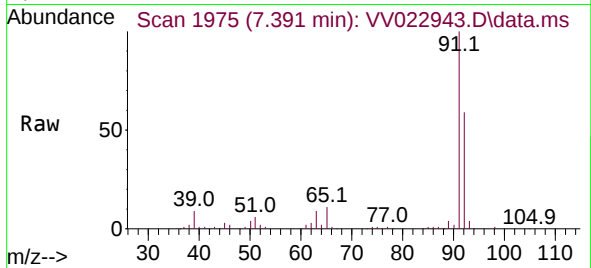




#42
Toluene
Concen: 5.245 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

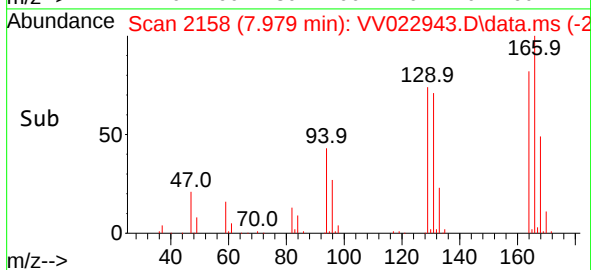
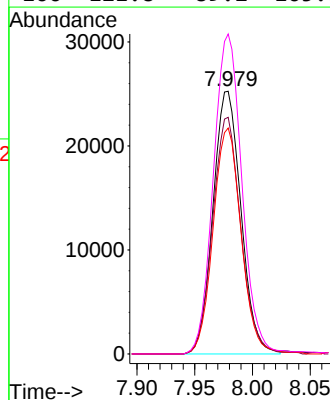
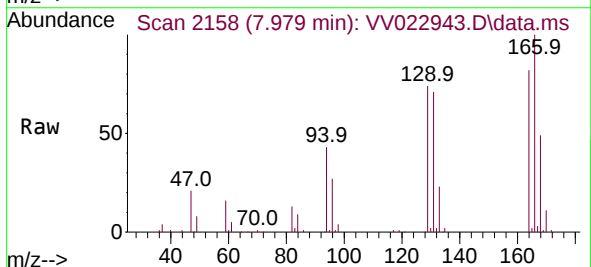
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ClientSampleId :
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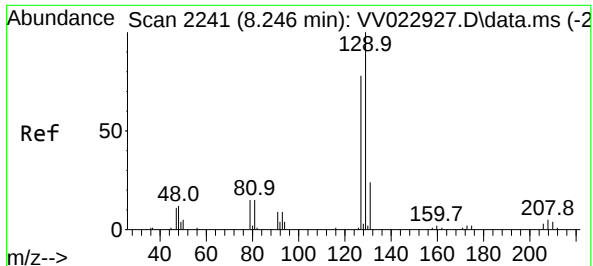
Tgt Ion: 91 Resp: 181051
Ion Ratio Lower Upper
91 100
92 59.0 40.7 75.7



#47
Tetrachloroethene
Concen: 5.698 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Tgt Ion: 164 Resp: 42612
Ion Ratio Lower Upper
164 100
129 90.1 65.0 120.6
131 86.0 62.2 115.4
166 121.8 89.2 165.8





#49

Dibromochloromethane

Concen: 5.367 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022943.D

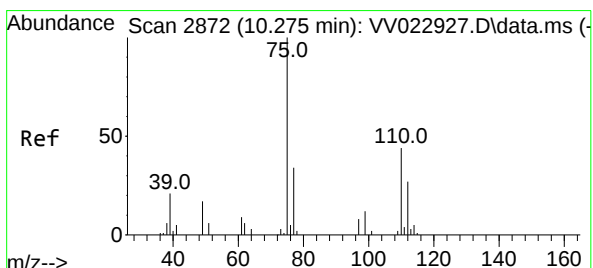
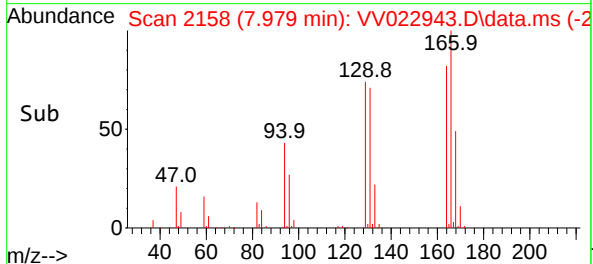
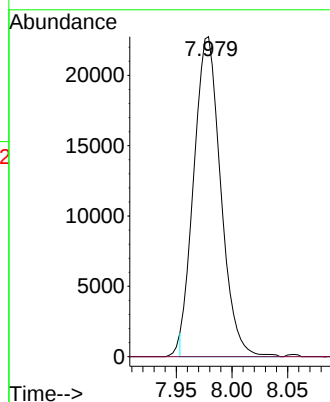
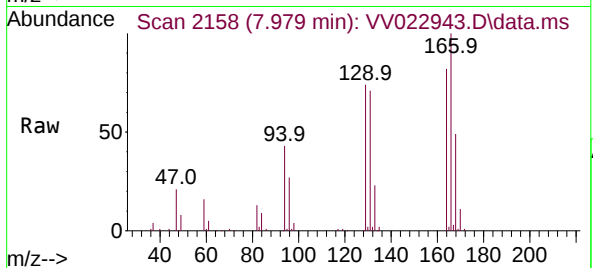
Acq: 20 Oct 2021 20:05

Tgt Ion:129 Resp: 38128

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.627 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022943.D

Acq: 20 Oct 2021 20:05

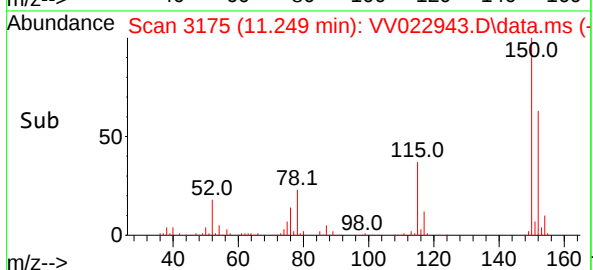
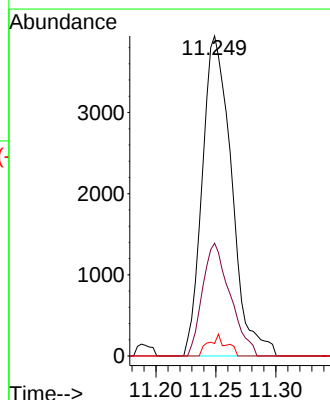
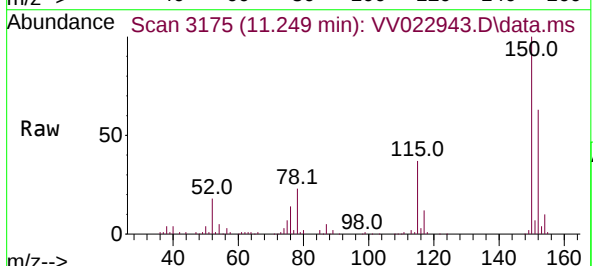
Tgt Ion: 75 Resp: 6698

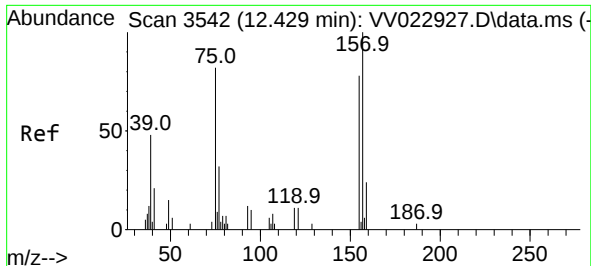
Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.2

110 4.0 34.2 51.4#

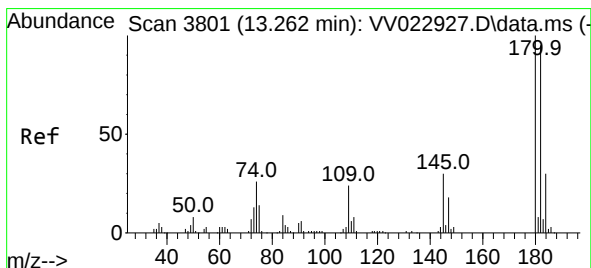
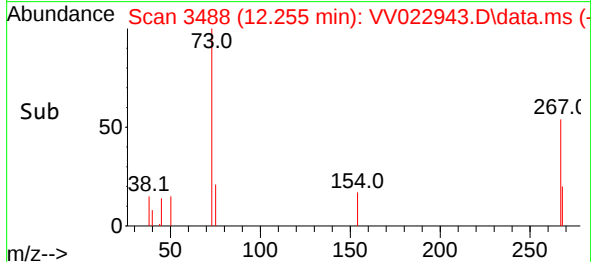
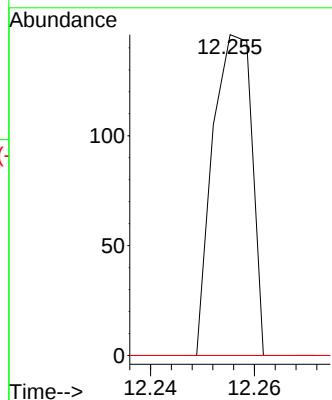
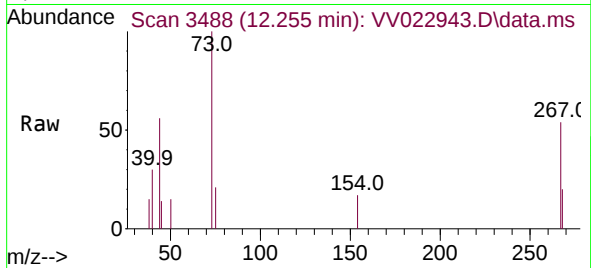




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.101 ug/L
 RT: 12.255 min Scan# 3488
 Delta R.T. -0.174 min
 Lab File: VV022943.D
 Acq: 20 Oct 2021 20:05

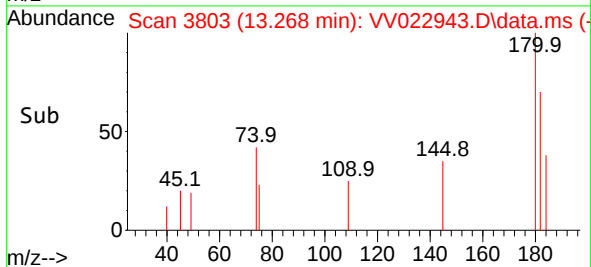
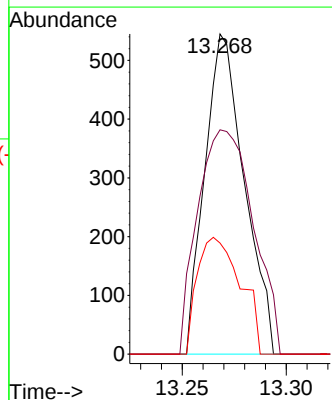
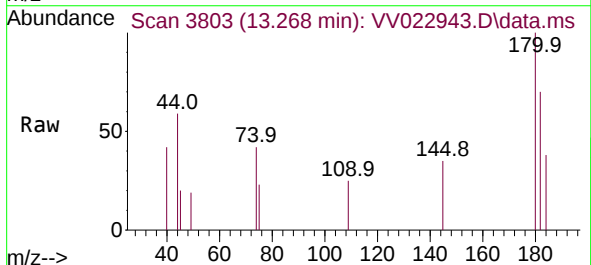
Instrument :
 MSVOA_V
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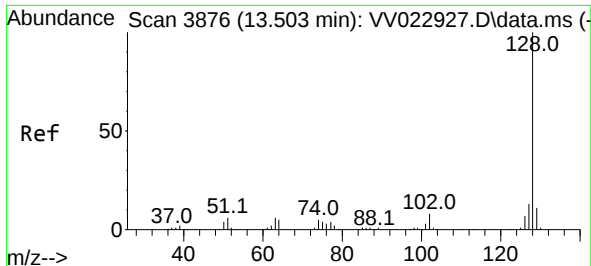
Tgt Ion: 75 Resp: 76
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#



#70
 1,2,4-trichlorobenzene
 Concen: 0.079 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.006 min
 Lab File: VV022943.D
 Acq: 20 Oct 2021 20:05

Tgt Ion: 180 Resp: 720
 Ion Ratio Lower Upper
 180 100
 182 98.5 76.0 114.0
 145 40.0 24.1 36.1#

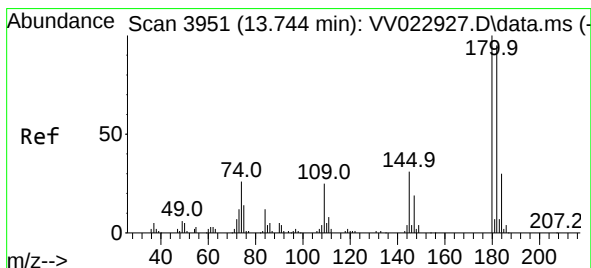
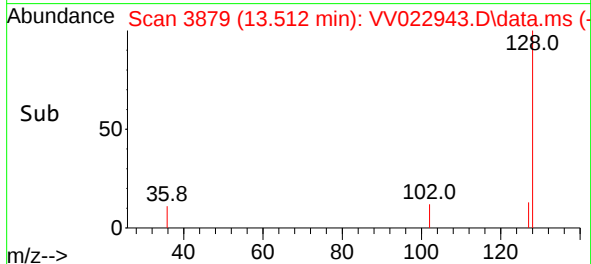
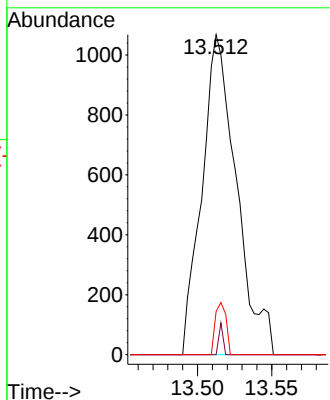
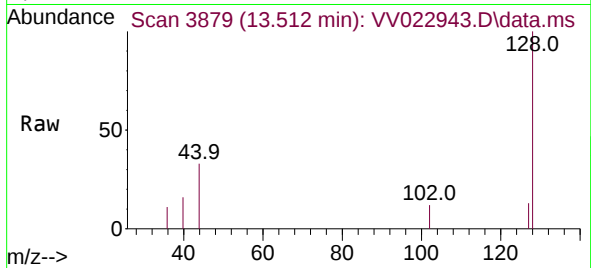




#71
Naphthalene
Concen: 0.119 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Instrument :
MSVOA_V
ClientSampleID :
BFGA2DL

Tgt Ion:128 Resp: 1723
Ion Ratio Lower Upper
128 100
129 1.2 9.3 13.9#
127 5.0 10.8 16.2#



#72
1,2,3-Trichlorobenzene
Concen: 0.085 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.006 min
Lab File: VV022943.D
Acq: 20 Oct 2021 20:05

Tgt Ion:180 Resp: 726
Ion Ratio Lower Upper
180 100
182 91.3 75.5 113.3
145 25.2 24.7 37.1

