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 Data File : VW034146.D
 Acq On : 13 Feb 2024 10:34
 Operator : SY/MD
 Sample : P1402-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

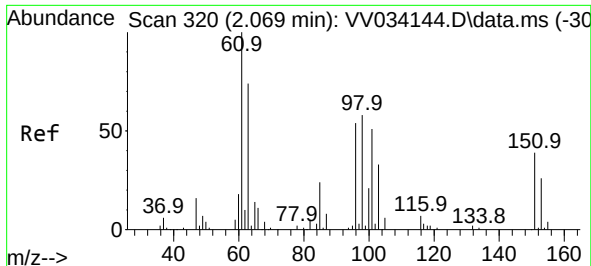
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:41:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 14 01:41:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	82163	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	76002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	38044	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22069	3.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.535	69	19010	3.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.060	65	10804	3.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.802	46	34989	32.740	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.480%
24) Chloroform-d	4.249	84	41546	3.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	4.947	65	21198	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	4.963	84	78941	3.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
36) 1,2-Dichloropropane-d6	5.992	67	21980	3.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.000%
41) Toluene-d8	7.246	98	72563	3.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	7.561	79	8316	3.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.027	63	27842	32.405	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.820%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	13375	3.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	25896	3.743	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.800%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2426	0.410	ug/L #	83
12) 1,1-Dichloroethene	2.072	96	8199	1.428	ug/L #	53
17) Methyl tert-butyl Ether	2.706	73	20400	1.730	ug/L	97
19) 1,1-Dichloroethane	3.117	63	1916	0.178	ug/L #	84
22) cis-1,2-Dichloroethene	3.818	96	4582	0.691	ug/L	94
25) Chloroform	4.281	83	1675	0.154	ug/L	95
34) Trichloroethene	5.838	95	13627	2.066	ug/L	97
35) Methylcyclohexane	5.992	83	5571	0.538	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3019	0.547	ug/L #	87
47) Tetrachloroethene	7.905	164	22775	4.249	ug/L	98
49) Dibromochloromethane	7.905	129	20489	5.057	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4572	1.748	ug/L #	63

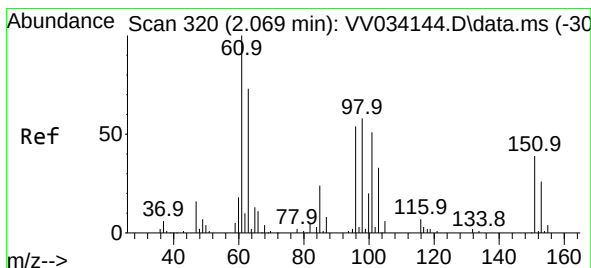
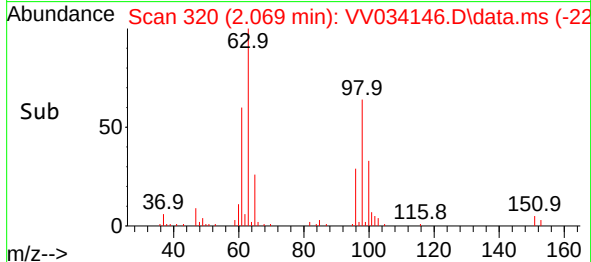
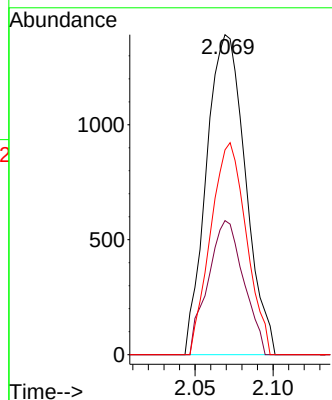
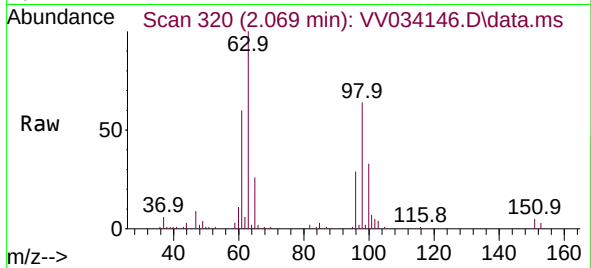
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.410 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034146.D
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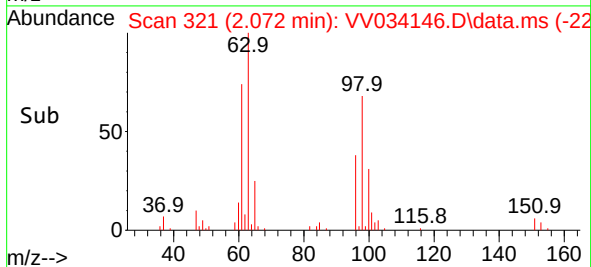
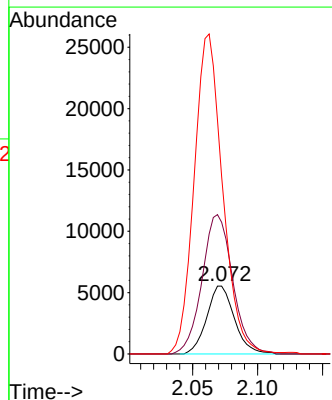
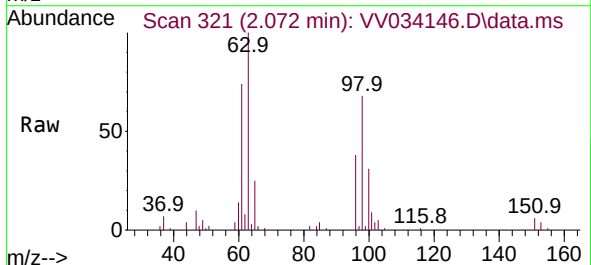
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 MSVOA_V
 ClientSampleId :

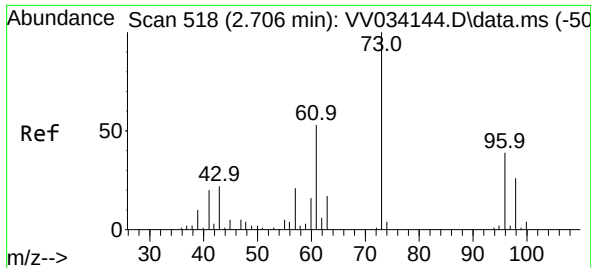
Tgt Ion:101 Resp: 2426
 Ion Ratio Lower Upper
 101 100
 85 38.1 37.1 55.7
 151 60.7 61.7 92.5#



#12
 1,1-Dichloroethene
 Concen: 1.428 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV034146.D
 Acq: 13 Feb 2024 10:34

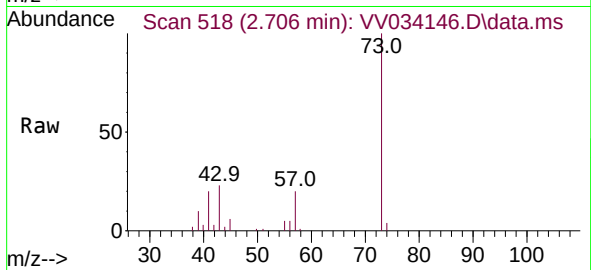
Tgt Ion: 96 Resp: 8199
 Ion Ratio Lower Upper
 96 100
 61 193.9 128.8 239.2
 63 261.3 97.9 181.9#





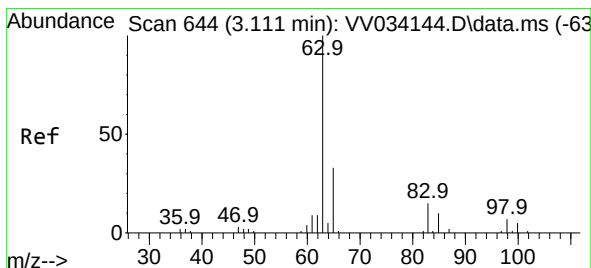
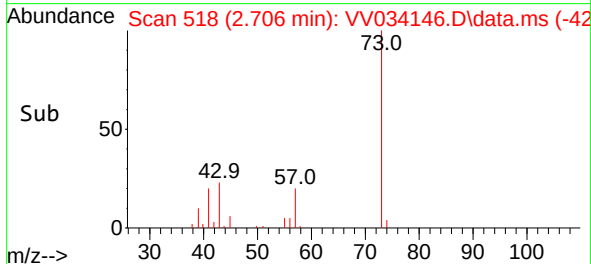
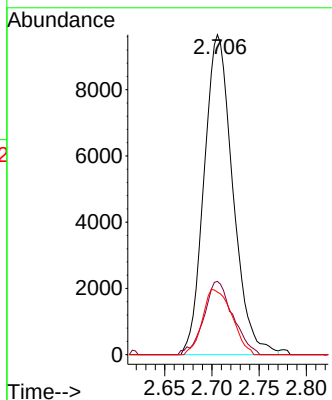
#17
Methyl tert-butyl Ether
Concen: 1.730 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034146.D
Acq: 13 Feb 2024 10:34

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 20400

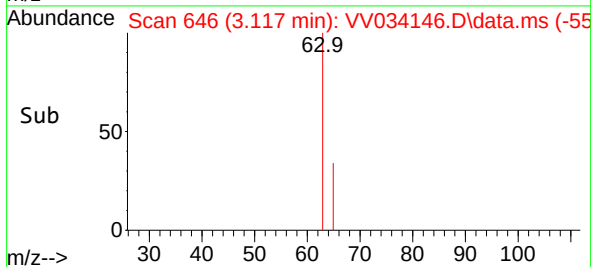
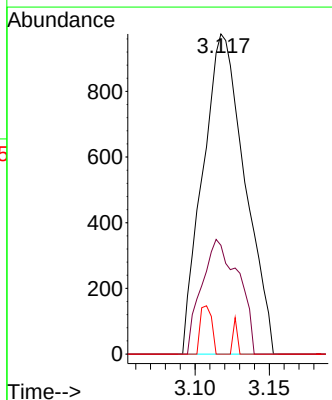
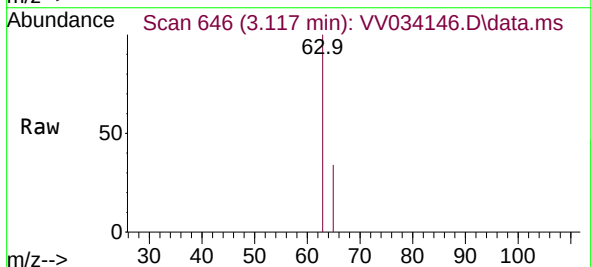
Ion	Ratio	Lower	Upper
73	100		
43	23.1	17.7	26.5
57	20.9	17.9	26.9

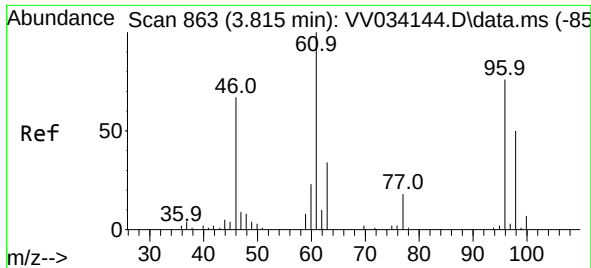


#19
1,1-Dichloroethane
Concen: 0.178 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV034146.D
Acq: 13 Feb 2024 10:34

Tgt Ion: 63 Resp: 1916

Ion	Ratio	Lower	Upper
63	100		
65	33.9	20.8	38.6
83	0.0	9.4	17.4

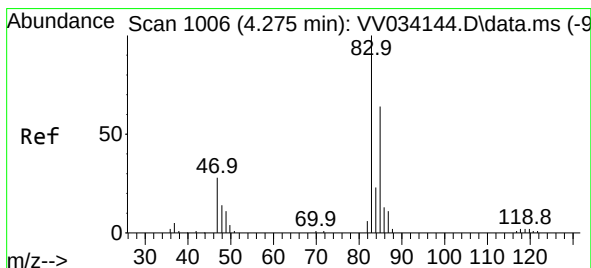
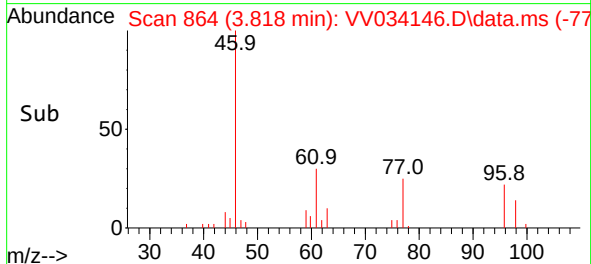
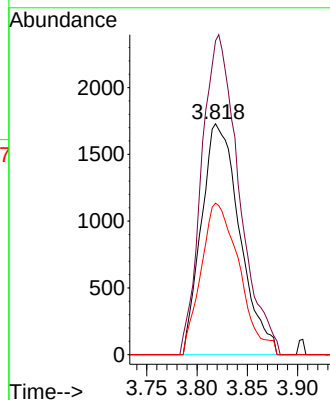
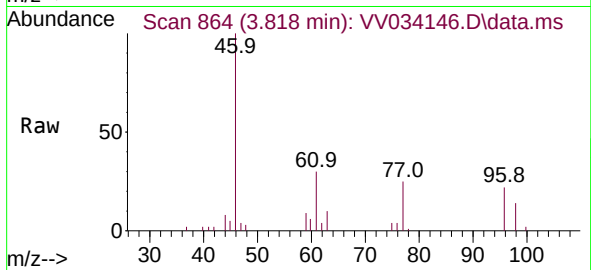




#22
 cis-1,2-Dichloroethene
 Concen: 0.691 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV034146.D
 Acq: 13 Feb 2024 10:34

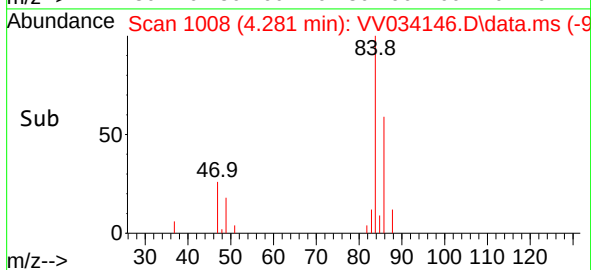
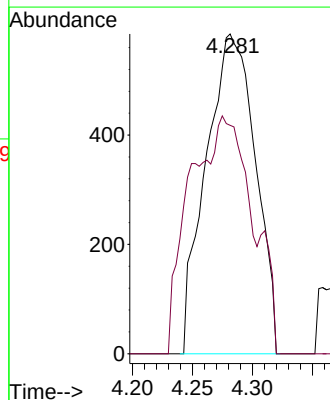
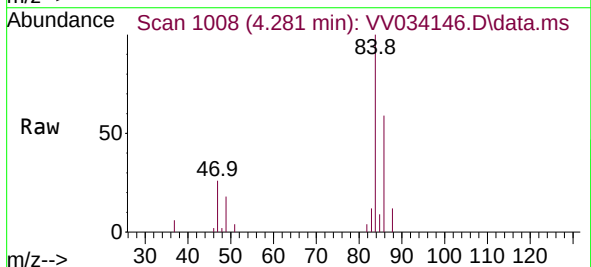
Instrument :
 MSVOA_V
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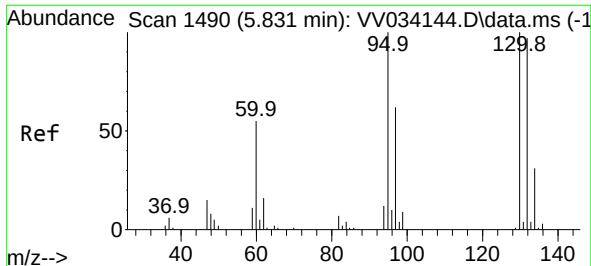
Tgt Ion: 96 Resp: 4582
 Ion Ratio Lower Upper
 96 100
 61 136.0 90.3 167.7
 98 65.6 43.2 80.2



#25
 Chloroform
 Concen: 0.154 ug/L
 RT: 4.281 min Scan# 1008
 Delta R.T. 0.006 min
 Lab File: VV034146.D
 Acq: 13 Feb 2024 10:34

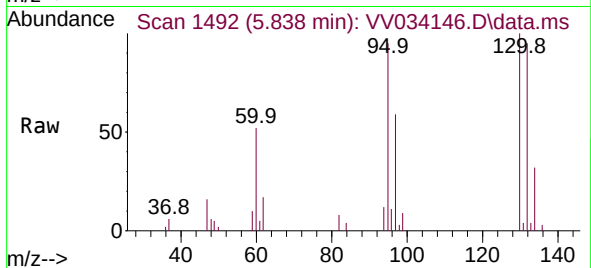
Tgt Ion: 83 Resp: 1675
 Ion Ratio Lower Upper
 83 100
 85 71.5 47.5 88.1



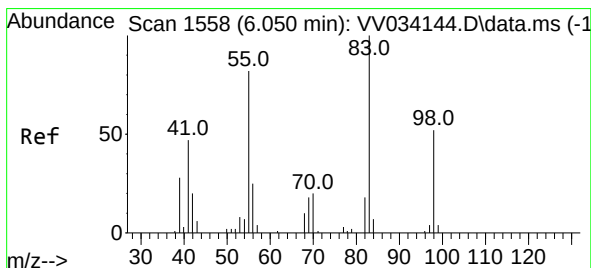
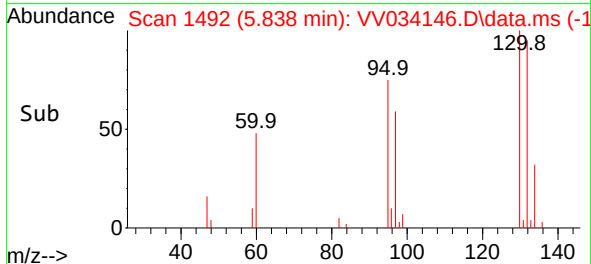
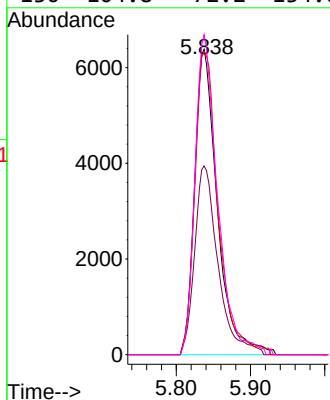


#34
Trichloroethene
Concen: 2.066 ug/L
RT: 5.838 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV034146.D
Acq: 13 Feb 2024 10:34

Instrument :
MSVOA_V
ClientSampleId :

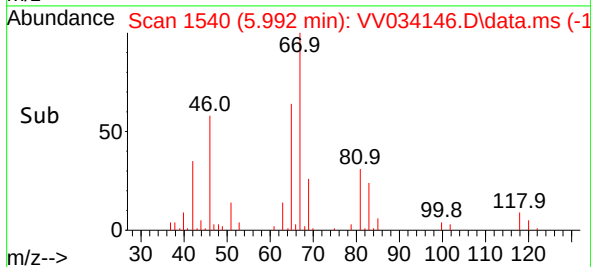
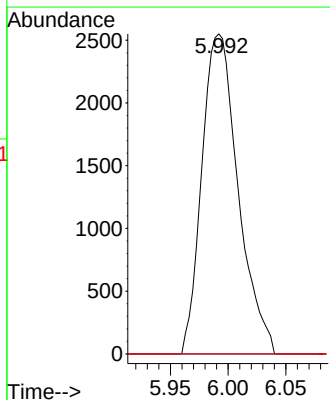
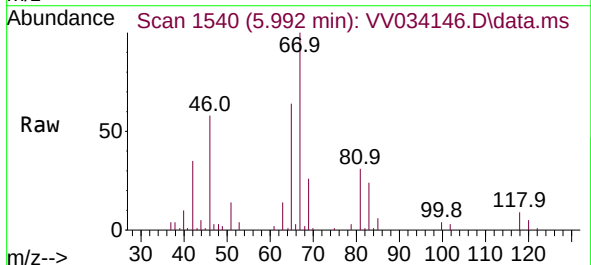


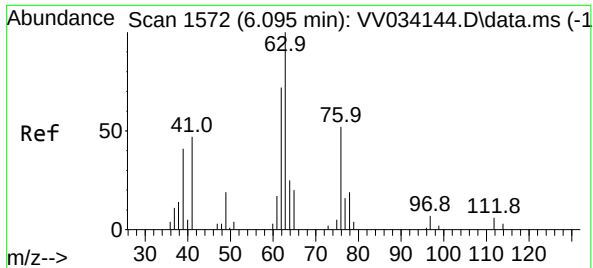
Tgt Ion: 95 Resp: 13627
Ion Ratio Lower Upper
95 100
97 61.8 45.1 83.7
132 99.2 66.0 122.6
130 104.8 72.2 134.0



#35
Methylcyclohexane
Concen: 0.538 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034146.D
Acq: 13 Feb 2024 10:34

Tgt Ion: 83 Resp: 5571
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.4 39.0 58.4#

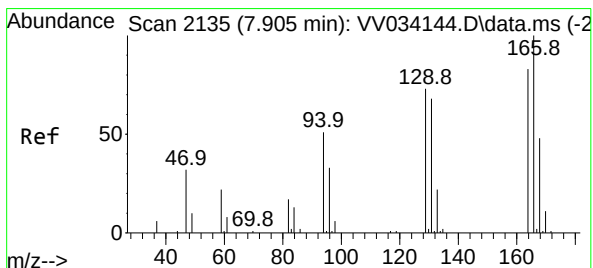
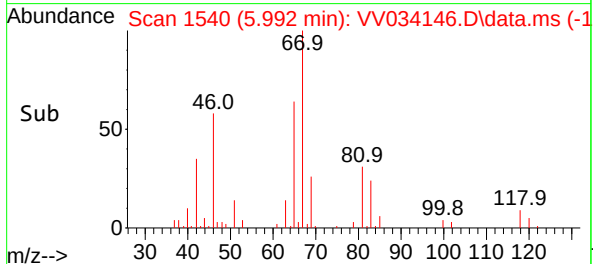
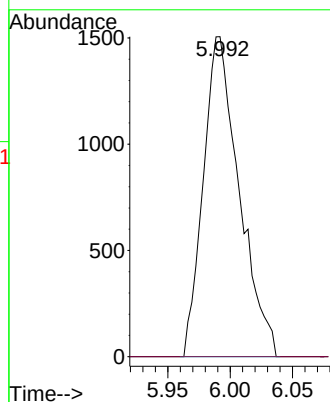
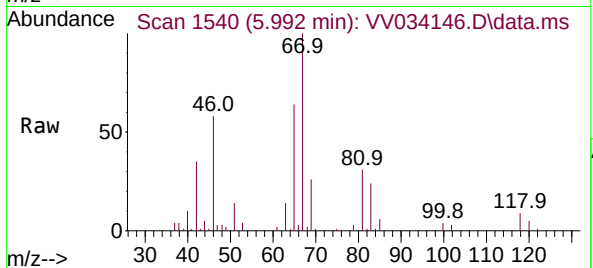




#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV034146.D
Acq: 13 Feb 2024 10:34

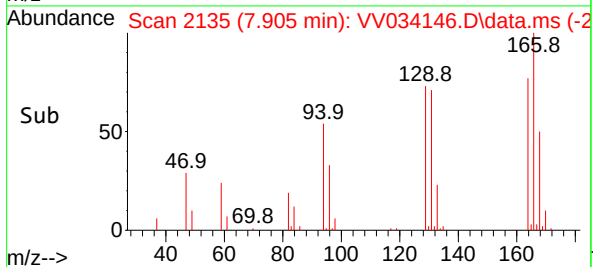
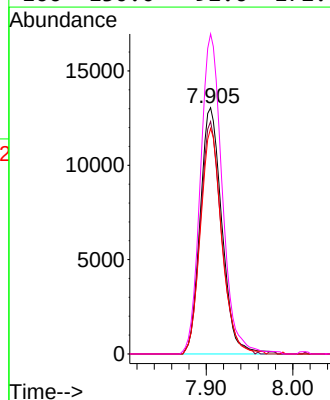
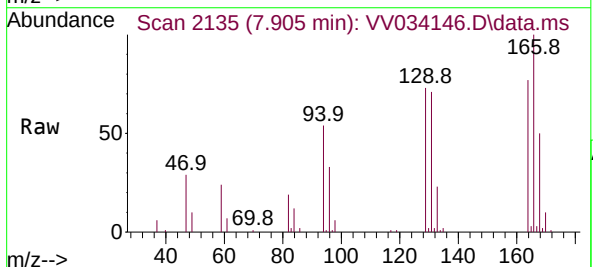
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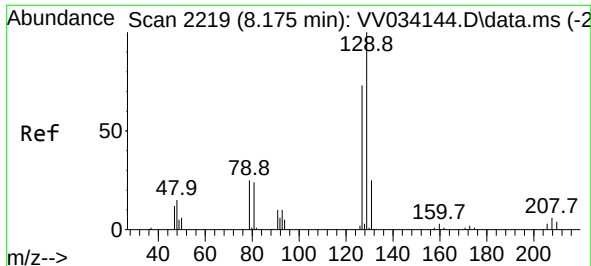
Tgt Ion: 63 Resp: 3019
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 4.249 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034146.D
Acq: 13 Feb 2024 10:34

Tgt Ion:164 Resp: 22775
Ion Ratio Lower Upper
164 100
129 94.4 67.8 125.8
131 91.7 63.0 117.0
166 130.0 92.6 172.0





#49

Dibromochloromethane

Concen: 5.057 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV034146.D

Acq: 13 Feb 2024 10:34

Instrument :

MSVOA_V

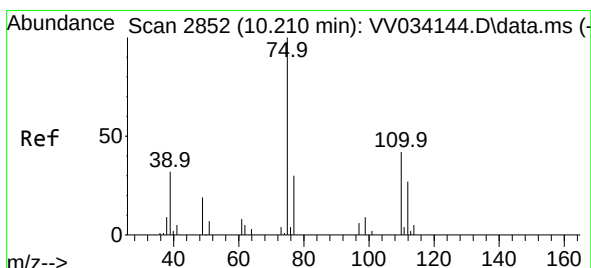
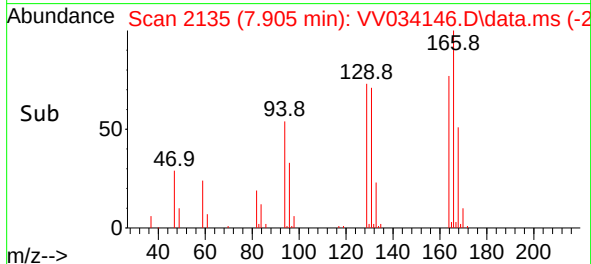
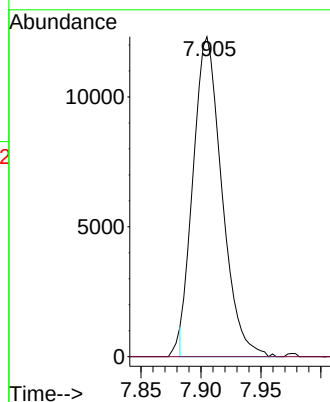
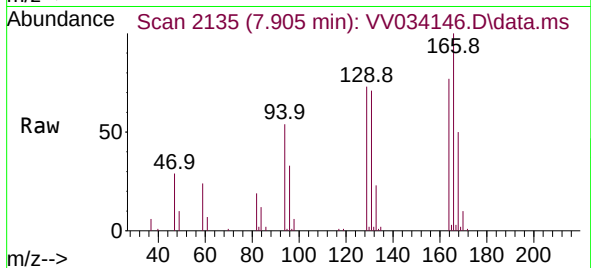
ClientSampleId :

Tgt Ion:129 Resp: 20489

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.748 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034146.D

Acq: 13 Feb 2024 10:34

Tgt Ion: 75 Resp: 4572

Ion Ratio Lower Upper

75 100

77 37.8 26.9 40.3

110 2.8 33.3 49.9#

