

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101722\
 Data File : VW028580.D
 Acq On : 17 Oct 2022 11:51
 Operator : SY/MD
 Sample : N5041-05DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGS21DL

Quant Time: Oct 18 01:21:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

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

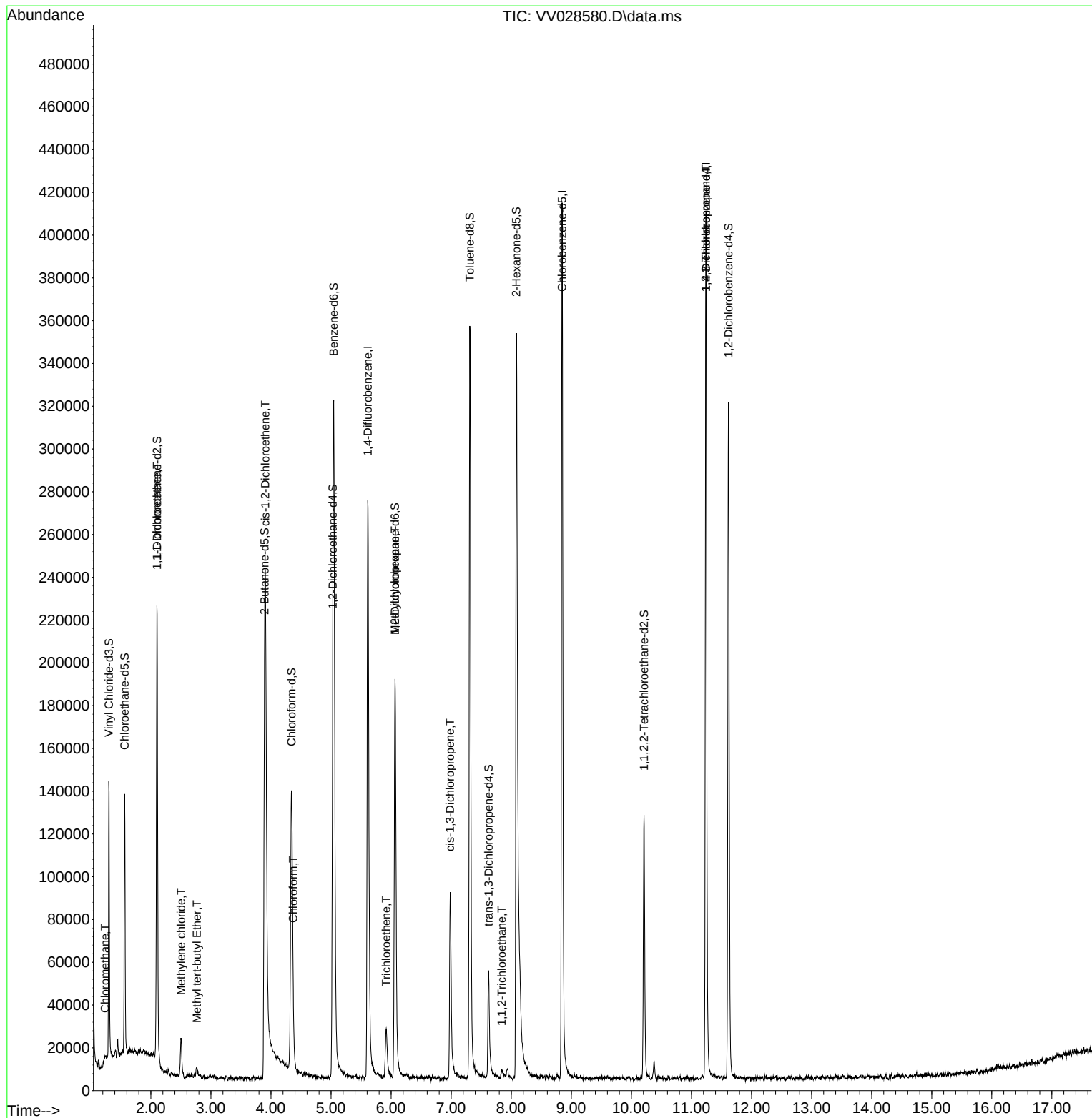
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	225043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	213011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	98399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	85354	4.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.564	69	76382	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.101	63	117509	3.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.892	46	143394	34.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.880%
24) Chloroform-d	4.343	84	135447	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.027	65	71246	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.043	84	277364	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.066	67	96043	4.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.310	98	231592	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.622	79	30728	4.098	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.085	63	159238	49.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	63549	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	77236	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1221	0.057	ug/L #	72
12) 1,1-Dichloroethene	2.105	96	1135	0.081	ug/L #	1
16) Methylene chloride	2.503	84	6918	0.350	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	3654	0.103	ug/L #	85
22) cis-1,2-Dichloroethene	3.905	96	98386	5.963	ug/L #	94
25) Chloroform	4.368	83	3337	0.107	ug/L	95
34) Trichloroethene	5.915	95	8548	0.476	ug/L	95
35) Methylcyclohexane	6.066	83	20739	0.693	ug/L #	17
39) cis-1,3-Dichloropropene	6.982	75	2560	0.100	ug/L #	69
45) 1,1,2-Trichloroethane	7.844	97	1345	0.126	ug/L	93
61) 1,2,3-Trichloropropane	11.239	75	14725	1.675	ug/L #	70

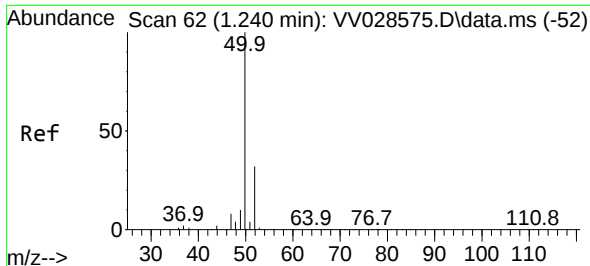
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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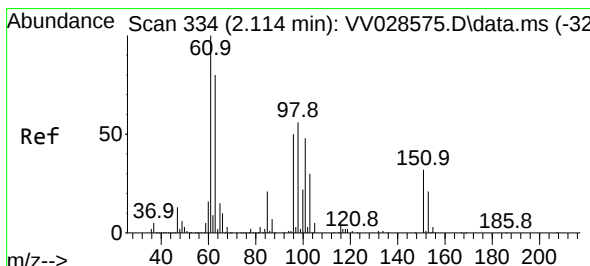
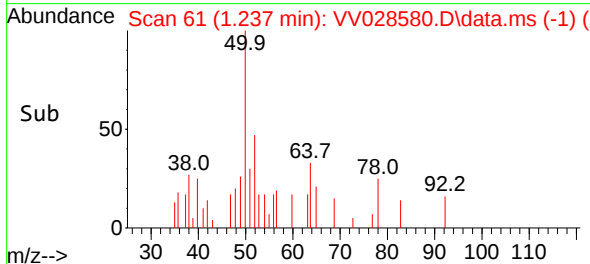
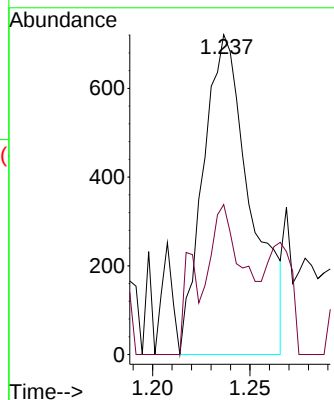
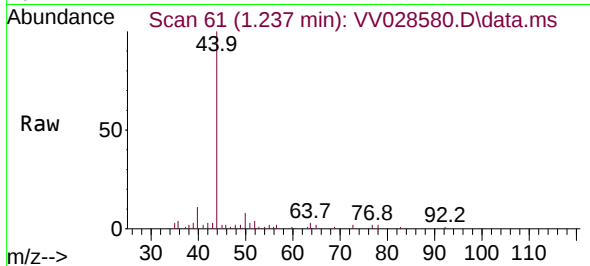




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028580.D
Acq: 17 Oct 2022 11:51

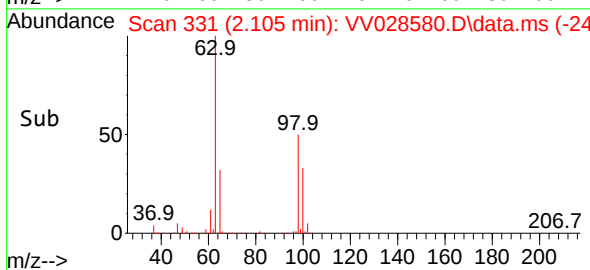
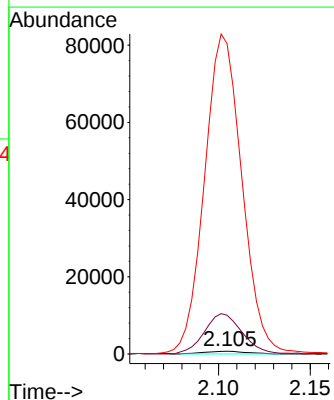
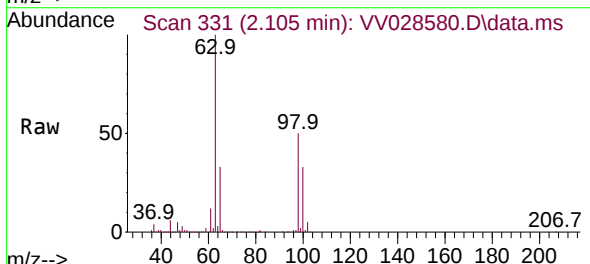
Instrument :
MSVOA_V
ClientSampleId :
BGS21DL

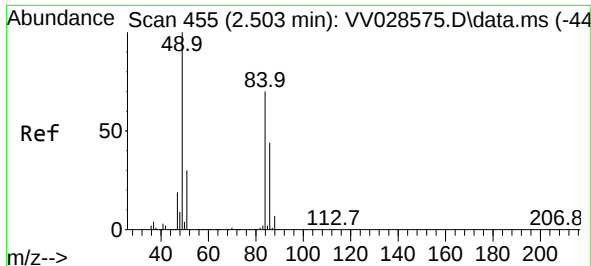
Tgt Ion: 50 Resp: 1221
Ion Ratio Lower Upper
50 100
52 46.9 22.0 41.0#



#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV028580.D
Acq: 17 Oct 2022 11:51

Tgt Ion: 96 Resp: 1135
Ion Ratio Lower Upper
96 100
61 1424.9 142.9 265.5#
63 11434.4 102.3 190.1#

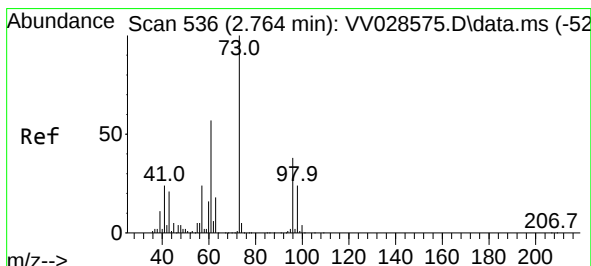
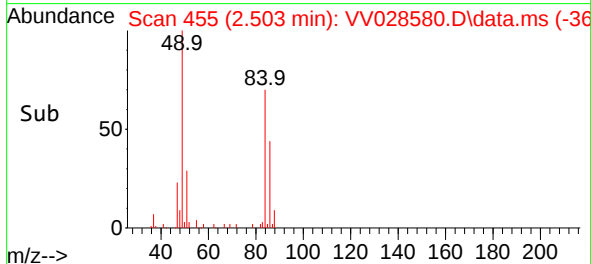
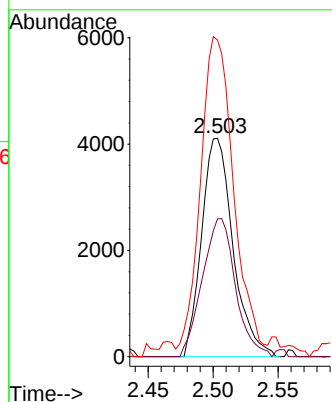
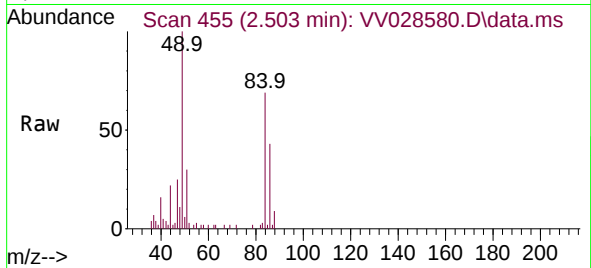




#16
Methylene chloride
Concen: 0.350 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028580.D
Acq: 17 Oct 2022 11:51

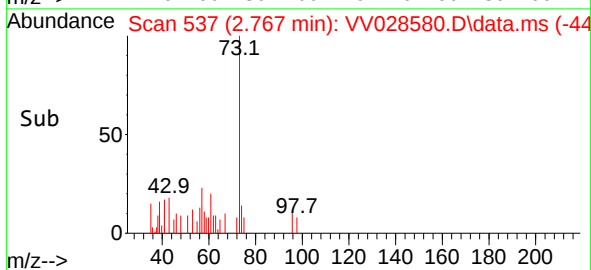
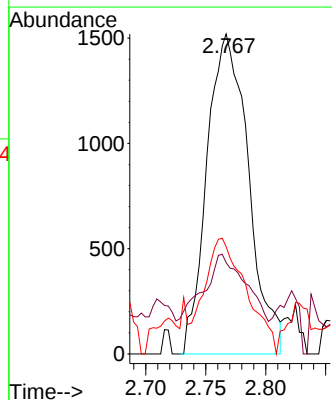
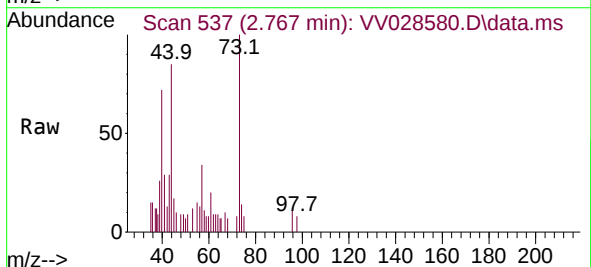
Instrument :
MSVOA_V
ClientSampleId :
BGS21DL

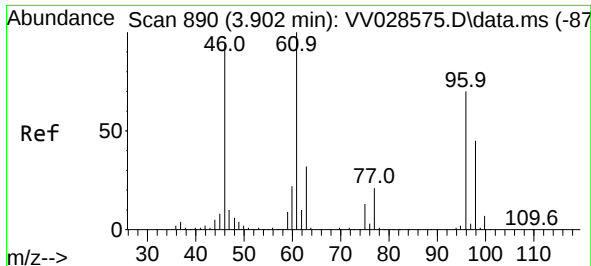
Tgt Ion: 84 Resp: 6918
Ion Ratio Lower Upper
84 100
86 63.1 42.8 79.6
49 145.0 106.4 197.6



#17
Methyl tert-butyl Ether
Concen: 0.103 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028580.D
Acq: 17 Oct 2022 11:51

Tgt Ion: 73 Resp: 3654
Ion Ratio Lower Upper
73 100
43 20.1 18.2 27.2
57 36.1 19.5 29.3#

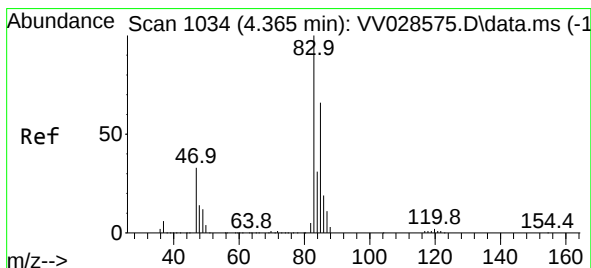
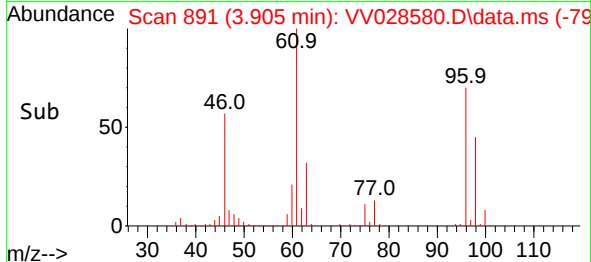
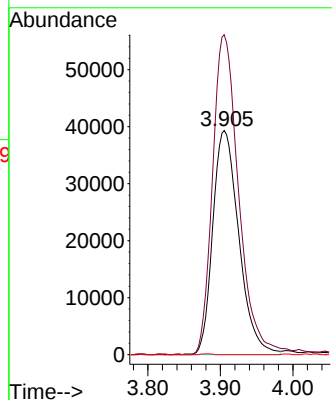
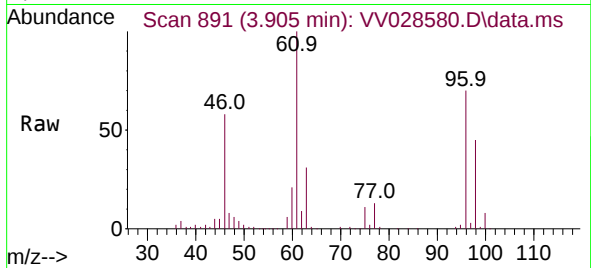




#22
 cis-1,2-Dichloroethene
 Concen: 5.963 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV028580.D
 Acq: 17 Oct 2022 11:51

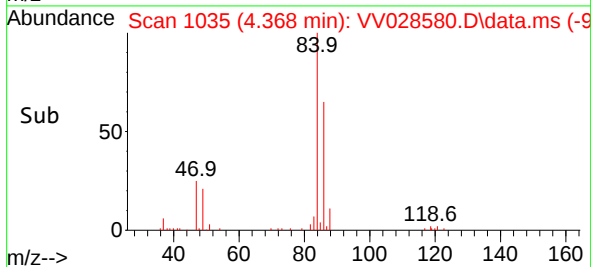
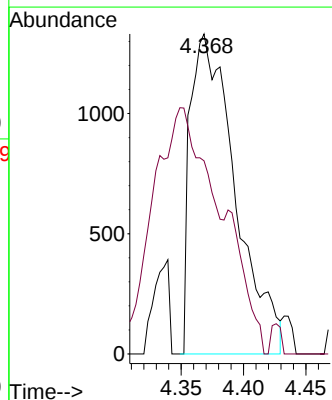
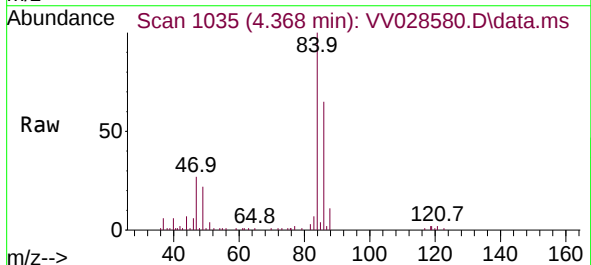
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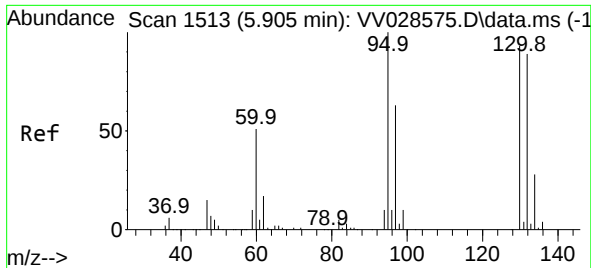
Tgt Ion: 96 Resp: 98386
 Ion Ratio Lower Upper
 96 100
 61 142.8 105.1 195.3
 68 0.0 0.5 0.9#



#25
 Chloroform
 Concen: 0.107 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VV028580.D
 Acq: 17 Oct 2022 11:51

Tgt Ion: 83 Resp: 3337
 Ion Ratio Lower Upper
 83 100
 85 60.3 45.1 83.9

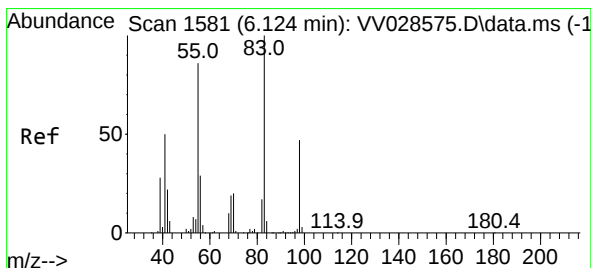
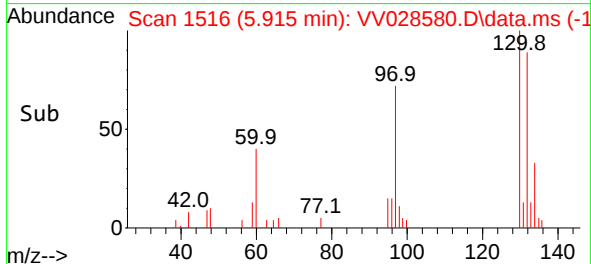
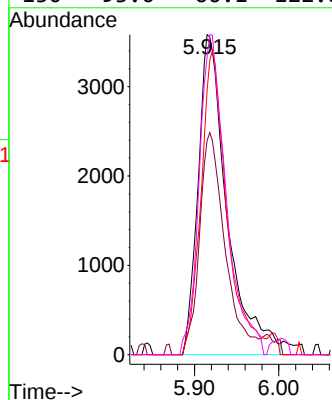
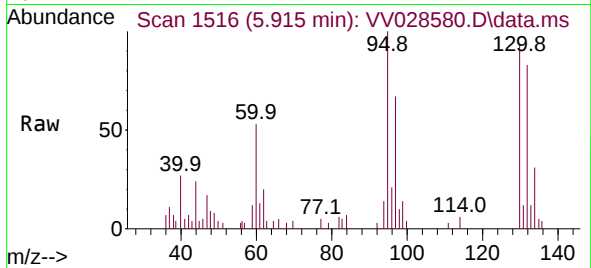




#34
Trichloroethene
Concen: 0.476 ug/L
RT: 5.915 min Scan# 1513
Delta R.T. 0.010 min
Lab File: VV028580.D
Acq: 17 Oct 2022 11:51

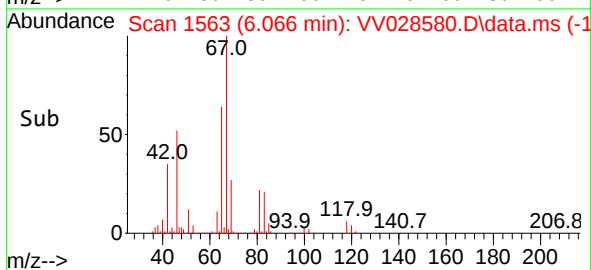
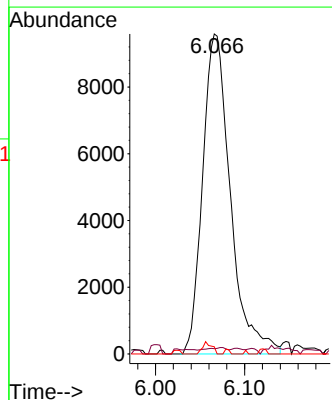
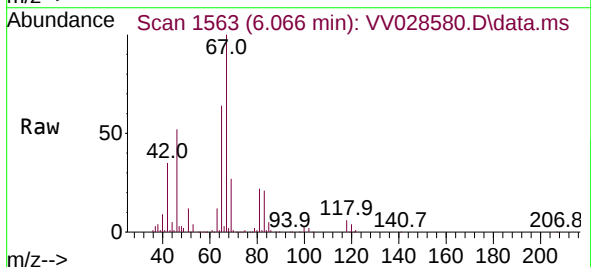
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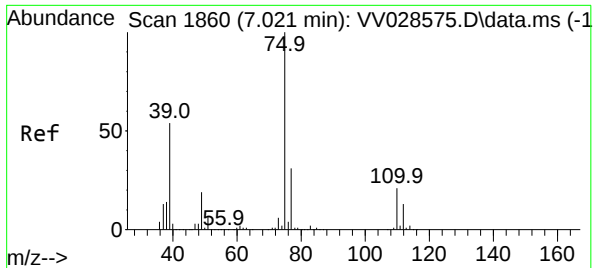
Tgt Ion: 95 Resp: 8548
Ion Ratio Lower Upper
95 100
97 66.9 46.2 85.8
132 82.6 65.1 120.9
130 93.0 66.1 122.8



#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028580.D
Acq: 17 Oct 2022 11:51

Tgt Ion: 83 Resp: 20739
Ion Ratio Lower Upper
83 100
55 0.6 65.0 97.6#
98 0.3 36.4 54.6#

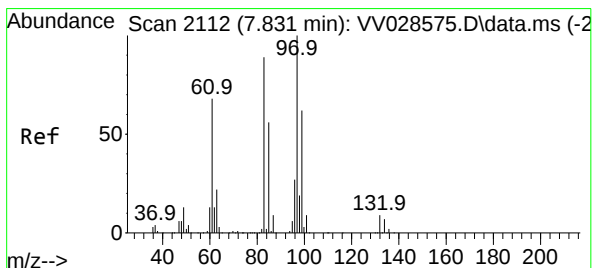
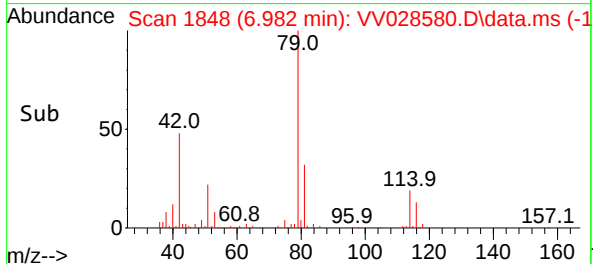
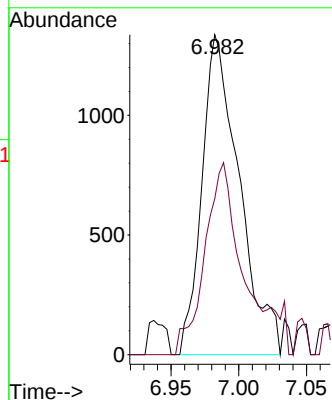
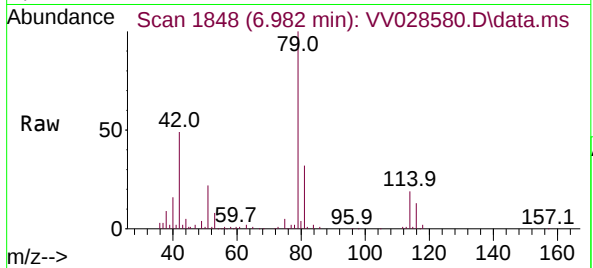




#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 6.982 min Scan# 11
Delta R.T. -0.038 min
Lab File: VV028580.D
Acq: 17 Oct 2022 11:51

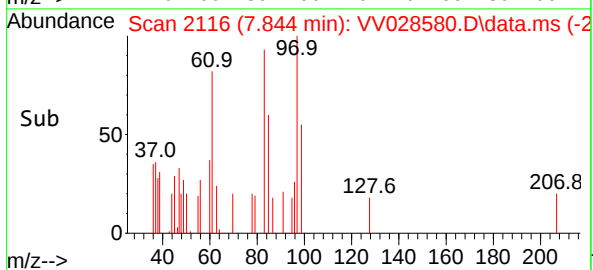
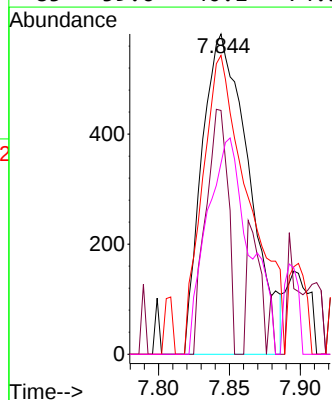
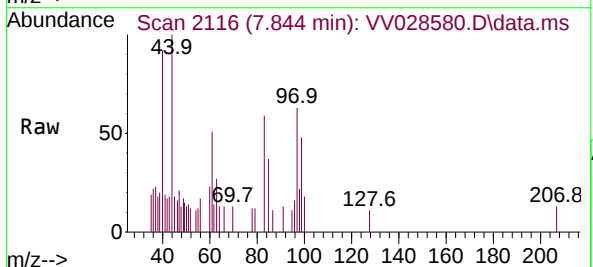
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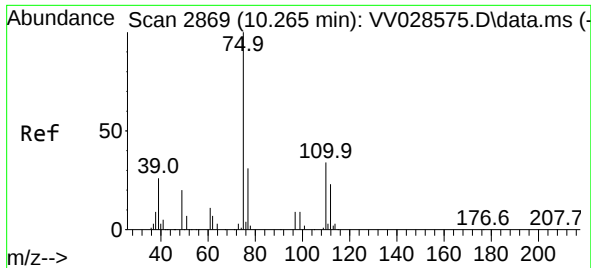
Tgt Ion: 75 Resp: 2560
Ion Ratio Lower Upper
75 100
77 48.8 22.1 41.1#



#45
1,1,2-Trichloroethane
Concen: 0.126 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.013 min
Lab File: VV028580.D
Acq: 17 Oct 2022 11:51

Tgt Ion: 97 Resp: 1345
Ion Ratio Lower Upper
97 100
99 76.1 44.4 82.4
83 93.3 63.1 117.1
85 59.6 40.1 74.5





#61
 1,2,3-Trichloropropane
 Concen: 1.675 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028580.D
 Acq: 17 Oct 2022 11:51

Instrument :
 MSVOA_V
 ClientSampleId :
 BGS21DL

Tgt Ion: 75 Resp: 14725
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0
 110 3.4 28.3 42.5#

