

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038469.D
 Acq On : 20 Jan 2025 17:14
 Operator : SY/MD
 Sample : Q1125-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 21 00:54:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

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

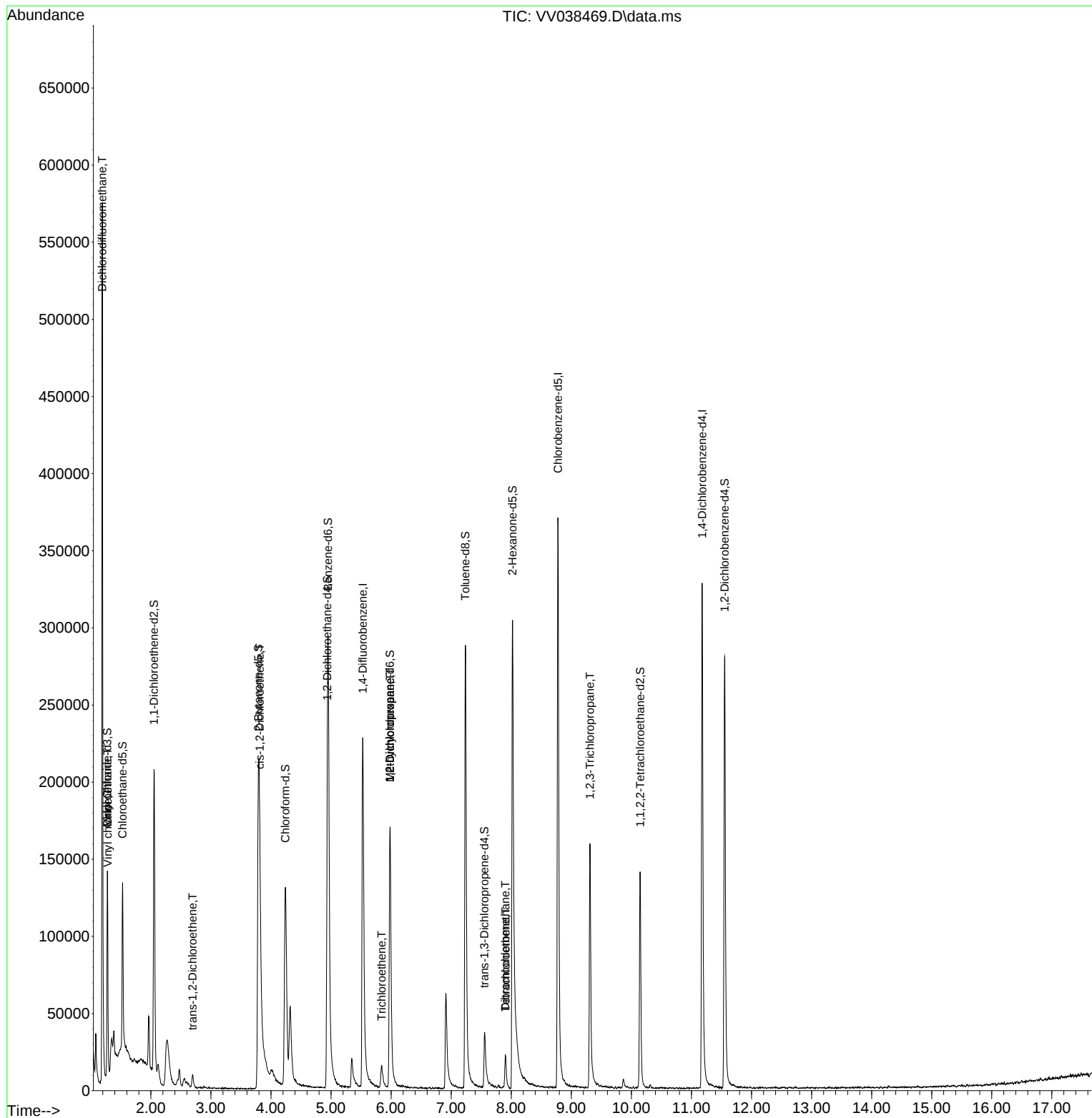
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	214888	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	216239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	89763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75412	4.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.529	69	67487	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.053	65	34302	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.790	46	183971	49.360	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.720%
24) Chloroform-d	4.240	84	147594	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.937	65	72617	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.950	84	278885	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	5.982	67	90696	5.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.236	98	211535	3.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.555	79	24915	3.763	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.021	63	111884	42.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74374	5.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	75711	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.192	85	46568	1.935	ug/L	99
5) Vinyl chloride	1.282	62	16180	0.650	ug/L	84
8) Chloroethane	1.278	64	6090	0.408	ug/L	89
18) trans-1,2-Dichloroethene	2.696	96	3002	0.164	ug/L	86
22) cis-1,2-Dichloroethene	3.812	96	29786	1.599	ug/L	91
34) Trichloroethene	5.844	95	5559	0.312	ug/L	86
35) Methylcyclohexane	5.982	83	20558	0.756	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	10338	0.583	ug/L #	87
47) Tetrachloroethene	7.905	164	4930	0.357	ug/L	89
49) Dibromochloromethane	7.902	129	5285	0.360	ug/L #	12
61) 1,2,3-Trichloropropane	9.310	75	5463	0.633	ug/L #	18

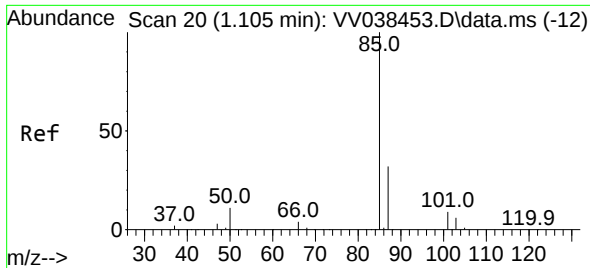
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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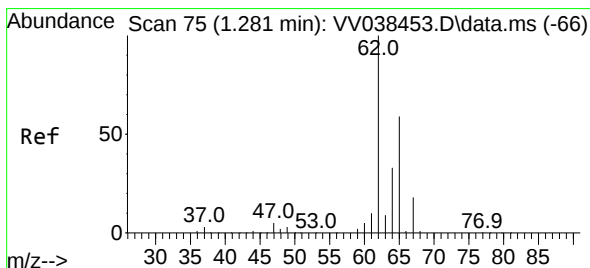
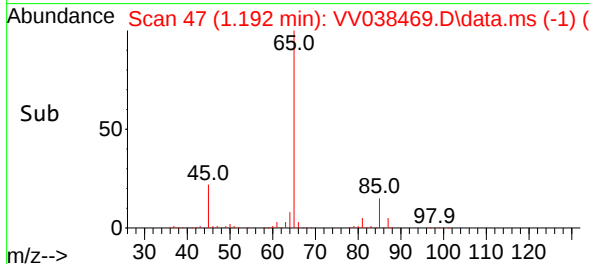
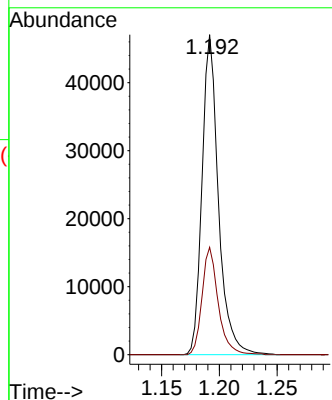
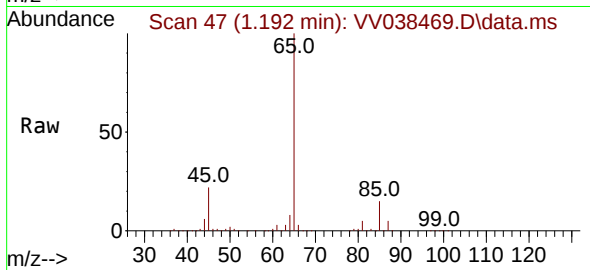




#2
 Dichlorodifluoromethane
 Concen: 1.935 ug/L
 RT: 1.192 min Scan# 41
 Delta R.T. 0.087 min
 Lab File: VV038469.D
 Acq: 20 Jan 2025 17:14

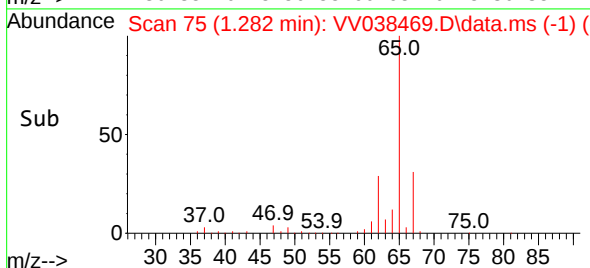
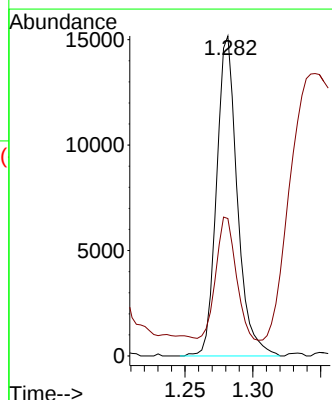
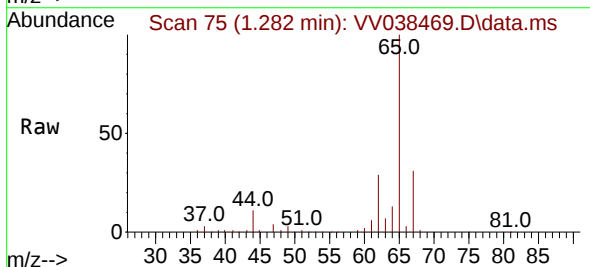
Instrument :
 MSVOA_V
 ClientSampleId :

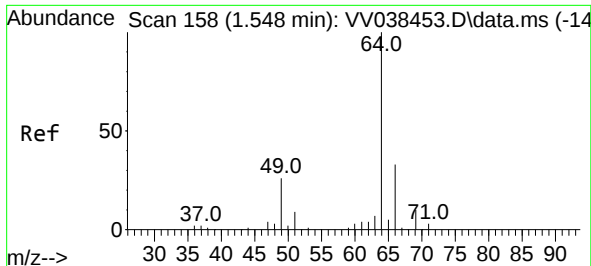
Tgt Ion: 85 Resp: 46568
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#5
 Vinyl chloride
 Concen: 0.650 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038469.D
 Acq: 20 Jan 2025 17:14

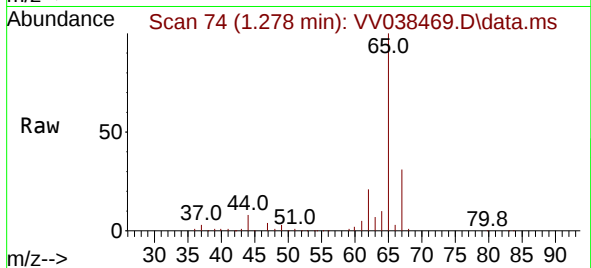
Tgt Ion: 62 Resp: 16180
 Ion Ratio Lower Upper
 62 100
 64 43.0 23.5 43.7



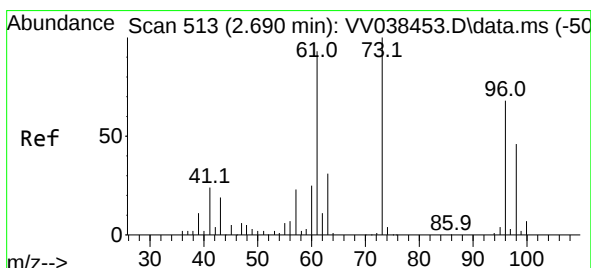
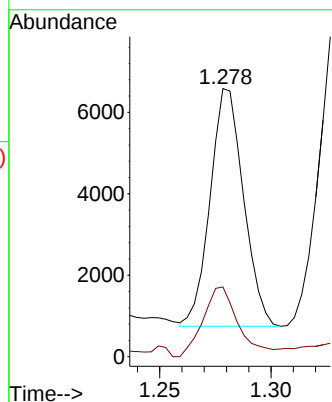
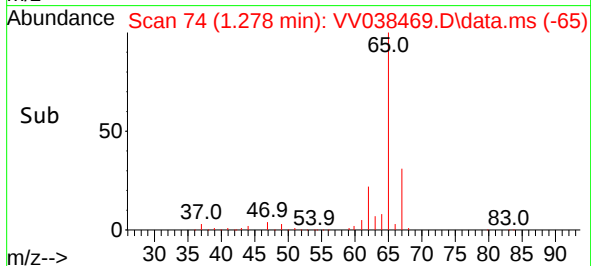


#8
Chloroethane
Concen: 0.408 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.270 min
Lab File: VV038469.D
Acq: 20 Jan 2025 17:14

Instrument :
MSVOA_V
ClientSampleId :

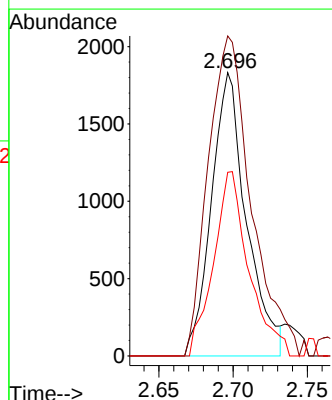
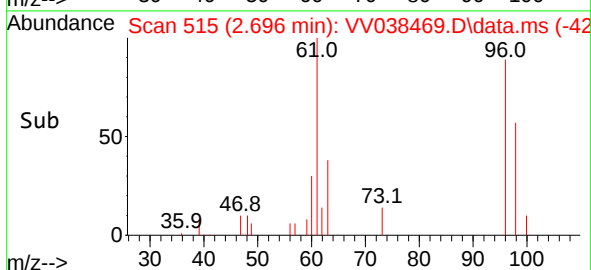
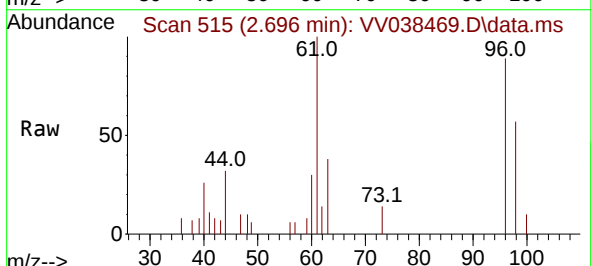


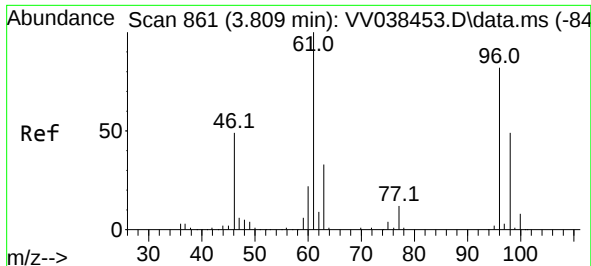
Tgt Ion: 64 Resp: 6090
Ion Ratio Lower Upper
64 100
66 26.0 22.7 42.1



#18
trans-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.007 min
Lab File: VV038469.D
Acq: 20 Jan 2025 17:14

Tgt Ion: 96 Resp: 3002
Ion Ratio Lower Upper
96 100
61 112.9 94.8 176.2
98 64.8 44.2 82.2

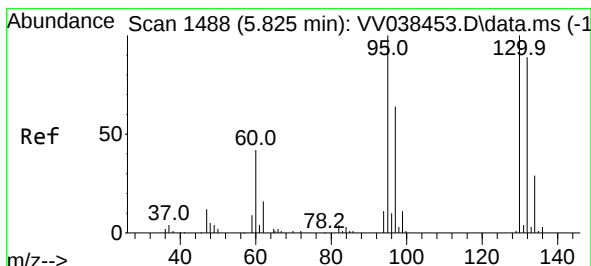
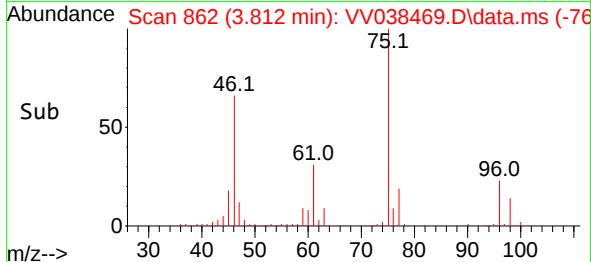
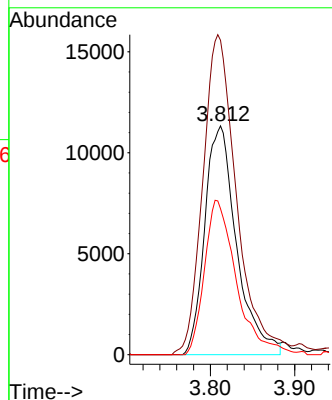
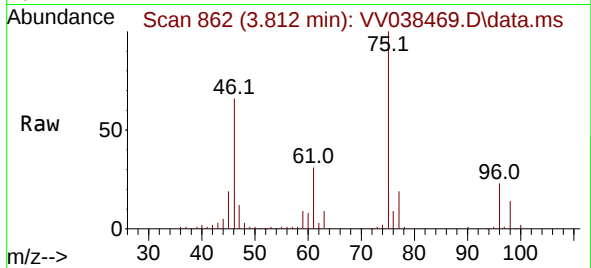




#22
 cis-1,2-Dichloroethene
 Concen: 1.599 ug/L
 RT: 3.812 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV038469.D
 Acq: 20 Jan 2025 17:14

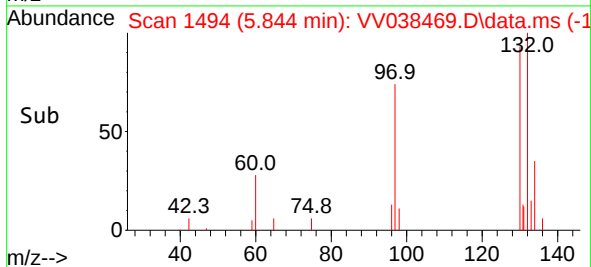
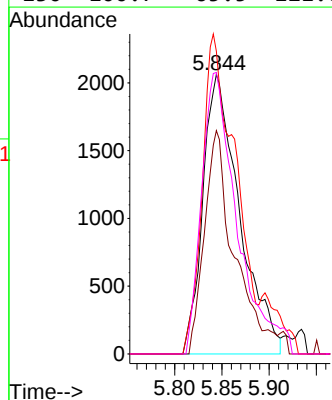
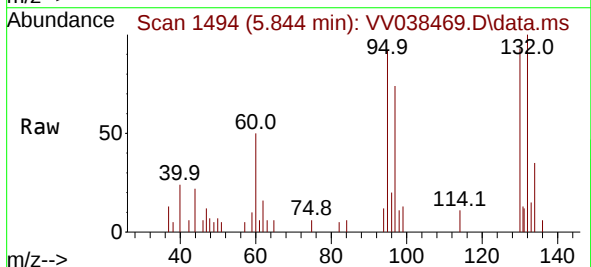
Instrument :
 MSVOA_V
 ClientSampleId :

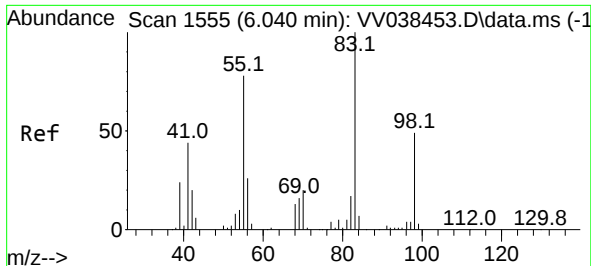
Tgt Ion: 96 Resp: 29786
 Ion Ratio Lower Upper
 96 100
 61 137.4 86.5 160.7
 98 63.8 43.8 81.3



#34
 Trichloroethene
 Concen: 0.312 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.019 min
 Lab File: VV038469.D
 Acq: 20 Jan 2025 17:14

Tgt Ion: 95 Resp: 5559
 Ion Ratio Lower Upper
 95 100
 97 79.9 43.4 80.6
 132 108.3 65.5 121.6
 130 100.7 65.5 121.6

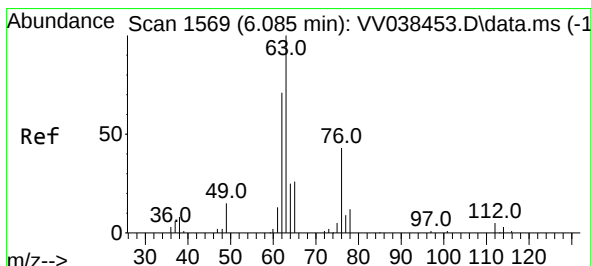
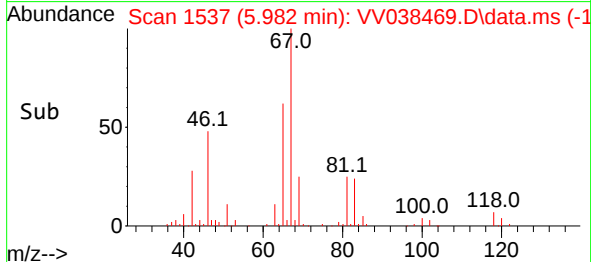
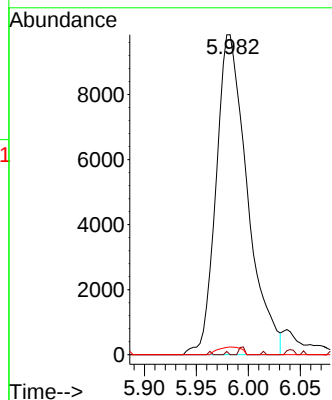
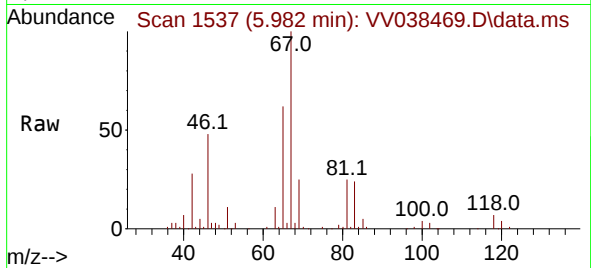




#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038469.D
Acq: 20 Jan 2025 17:14

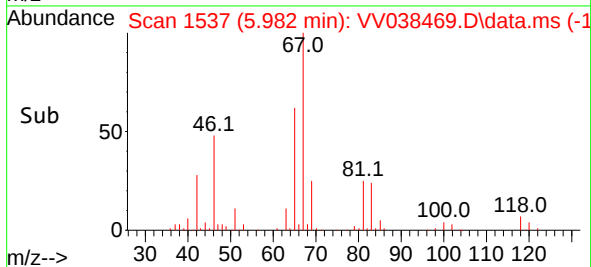
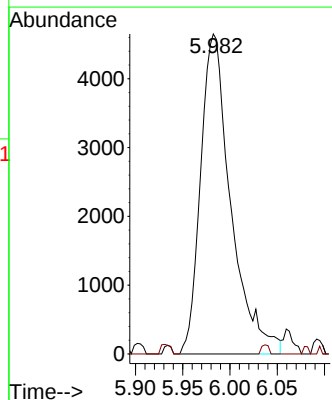
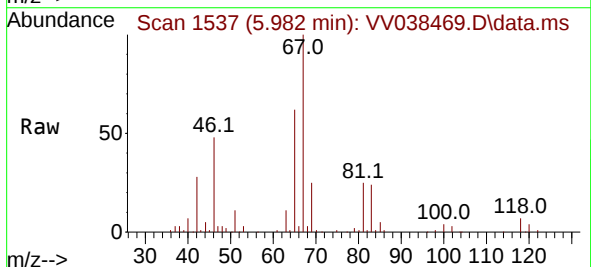
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ClientSampleId :

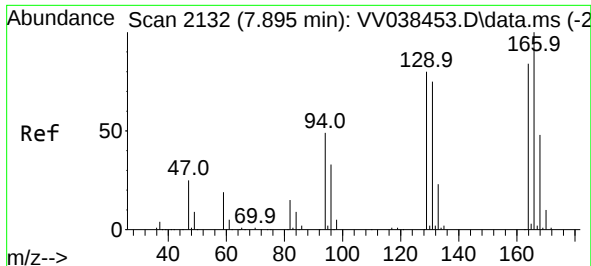
Tgt Ion: 83 Resp: 20558
Ion Ratio Lower Upper
83 100
55 0.1 59.4 89.0#
98 1.8 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038469.D
Acq: 20 Jan 2025 17:14

Tgt Ion: 63 Resp: 10338
Ion Ratio Lower Upper
63 100
112 0.9 4.1 6.1#





#47

Tetrachloroethene

Concen: 0.357 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

Lab File: VV038469.D

Acq: 20 Jan 2025 17:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 4930

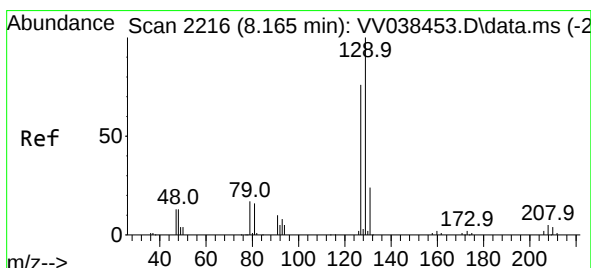
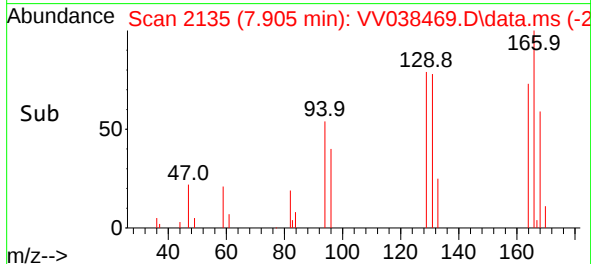
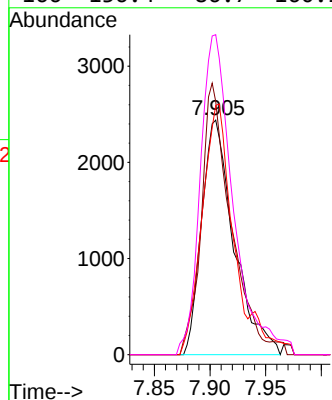
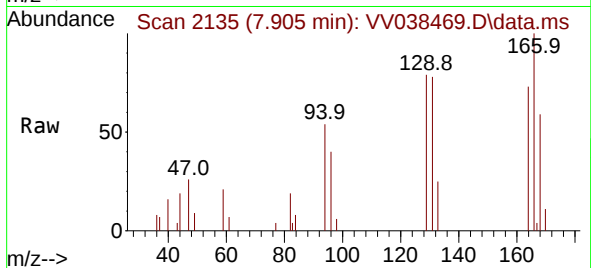
Ion Ratio Lower Upper

164 100

129 107.9 68.9 127.9

131 106.3 65.2 121.2

166 136.4 86.7 160.9



#49

Dibromochloromethane

Concen: 0.360 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.263 min

Lab File: VV038469.D

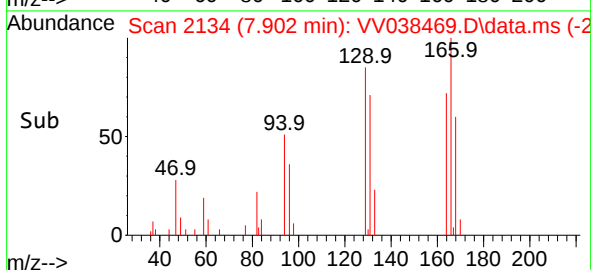
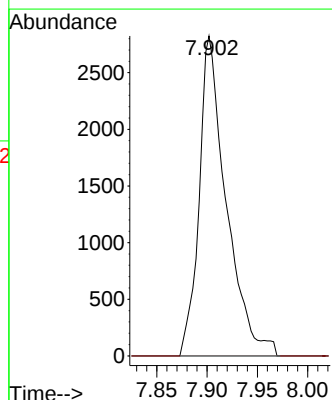
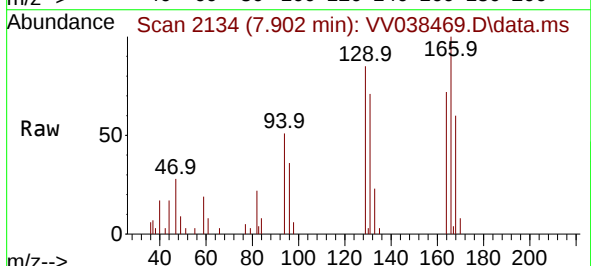
Acq: 20 Jan 2025 17:14

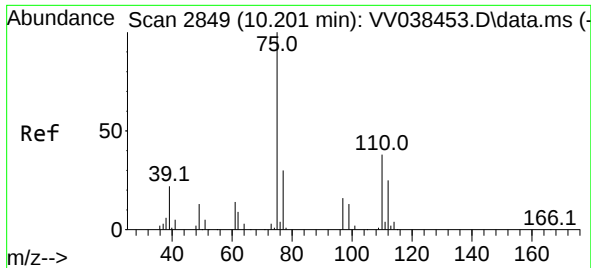
Tgt Ion:129 Resp: 5285

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#





#61

1,2,3-Trichloropropane

Concen: 0.633 ug/L

RT: 9.310 min Scan# 2

Delta R.T. -0.890 min

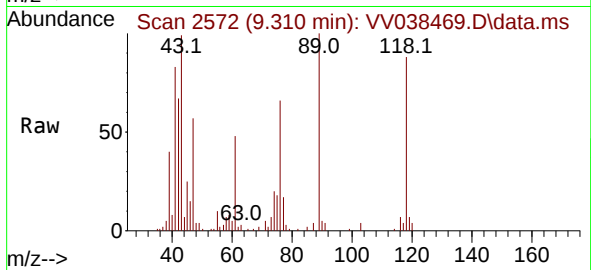
Lab File: VV038469.D

Acq: 20 Jan 2025 17:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5463

Ion Ratio Lower Upper

75 100

77 89.3 25.4 38.0#

110 0.0 32.6 48.8#

