

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
 Data File : VV038468.D
 Acq On : 20 Jan 2025 16:50
 Operator : SY/MD
 Sample : Q1125-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 21 00:54:28 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)

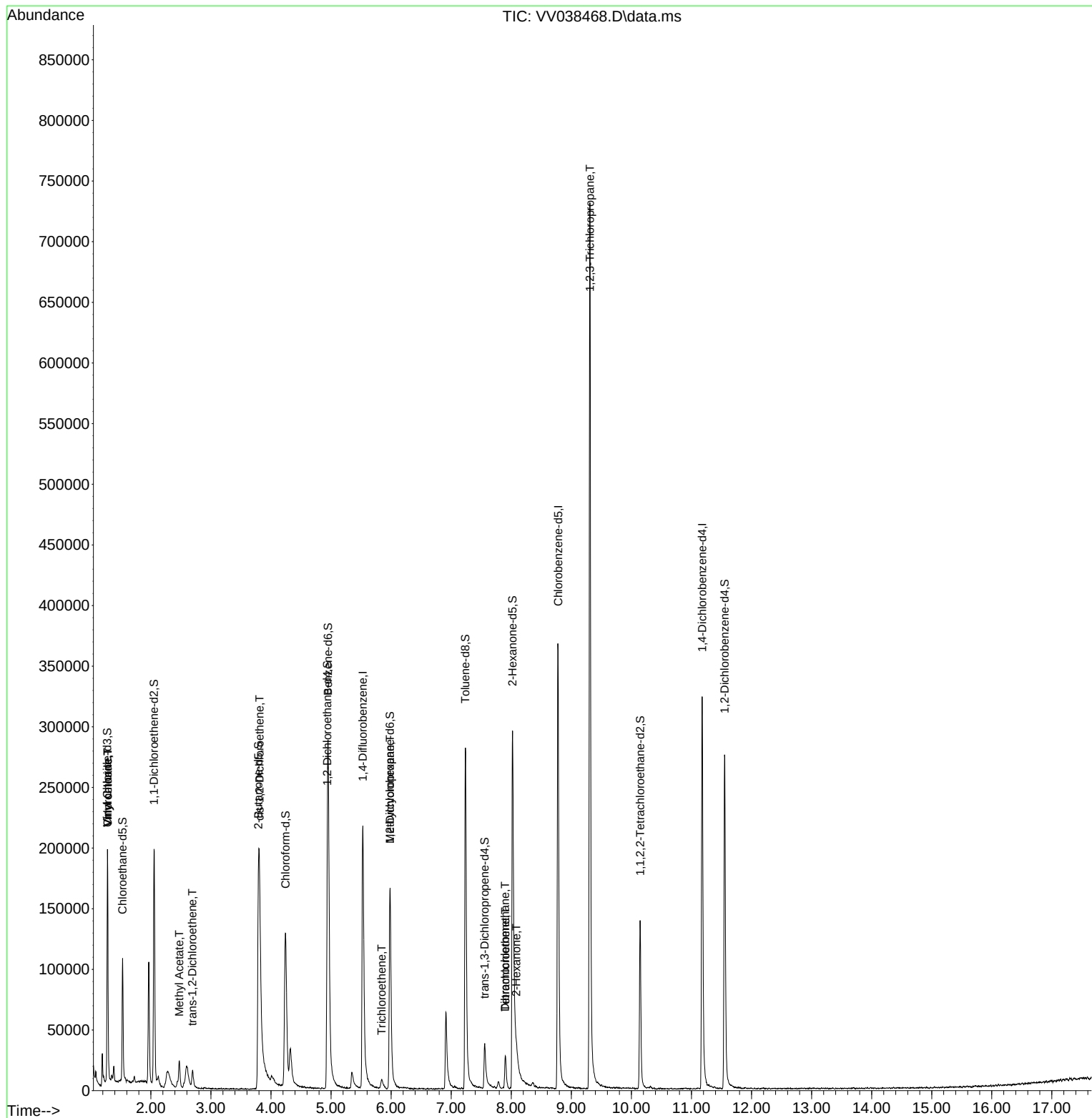
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	205250	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	215742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	89685	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74232	4.386	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.529	69	64671	4.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.053	65	32831	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.789	46	176121	49.473	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.940%
24) Chloroform-d	4.243	84	147175	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.937	65	67967	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.950	84	268687	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.982	67	86810	4.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.236	98	205771	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.558	79	26857	4.065	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.021	63	114774	44.034	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	73703	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	76174	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
5) Vinyl chloride	1.281	62	57668	2.426	ug/L	100
8) Chloroethane	1.281	64	18803	1.320	ug/L #	57
15) Methyl Acetate	2.474	43	2312	0.327	ug/L #	50
18) trans-1,2-Dichloroethene	2.693	96	6059	0.346	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	37553	2.111	ug/L	95
34) Trichloroethene	5.844	95	2571	0.144	ug/L	90
35) Methylcyclohexane	5.982	83	21137	0.779	ug/L #	20
47) Tetrachloroethene	7.902	164	6393	0.464	ug/L	97
48) 2-Hexanone	8.085	43	19427	2.931	ug/L #	83
49) Dibromochloromethane	7.899	129	6949	0.474	ug/L #	12
61) 1,2,3-Trichloropropane	9.310	75	26425	3.067	ug/L #	21

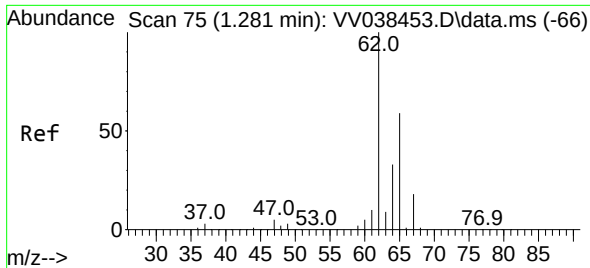
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012025\
Data File : VV038468.D
Acq On : 20 Jan 2025 16:50
Operator : SY/MD
Sample : Q1125-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 21 00:54:28 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

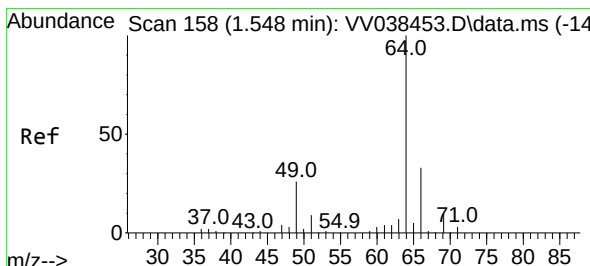
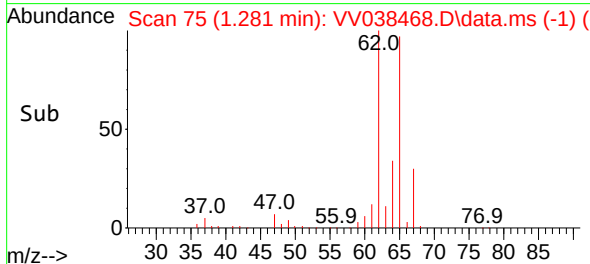
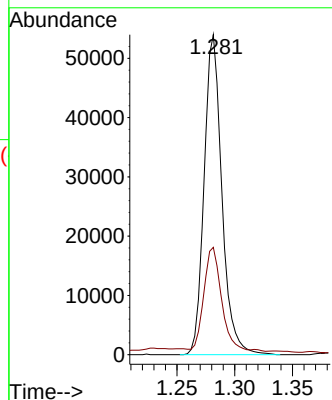
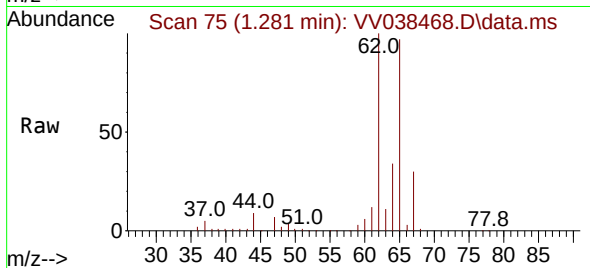




#5
 Vinyl chloride
 Concen: 2.426 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038468.D
 Acq: 20 Jan 2025 16:50

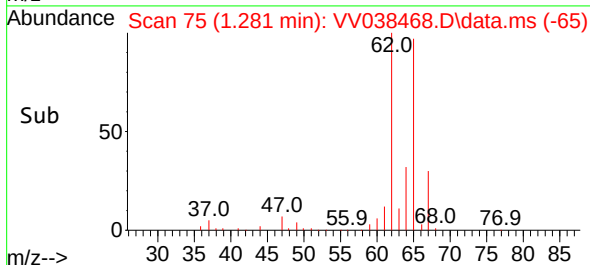
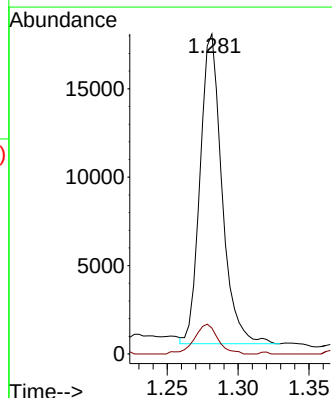
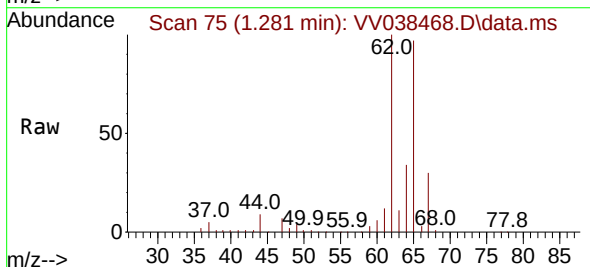
Instrument :
 MSVOA_V
 ClientSampleId :

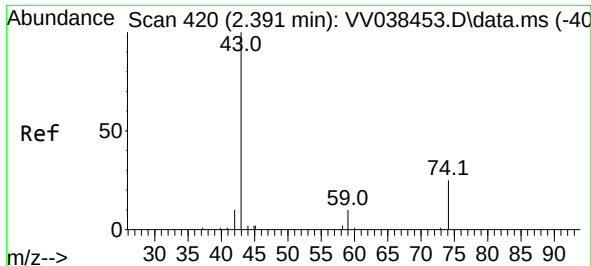
Tgt Ion: 62 Resp: 57668
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.5 43.7



#8
 Chloroethane
 Concen: 1.320 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.267 min
 Lab File: VV038468.D
 Acq: 20 Jan 2025 16:50

Tgt Ion: 64 Resp: 18803
 Ion Ratio Lower Upper
 64 100
 66 8.1 22.7 42.1#

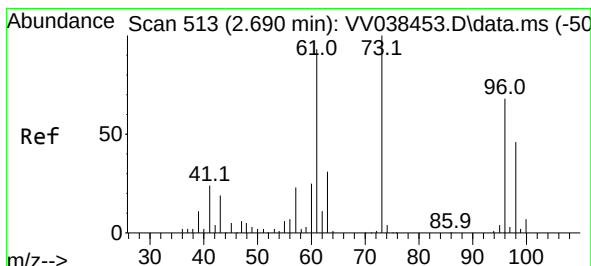
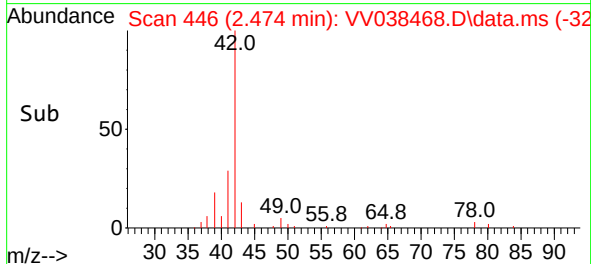
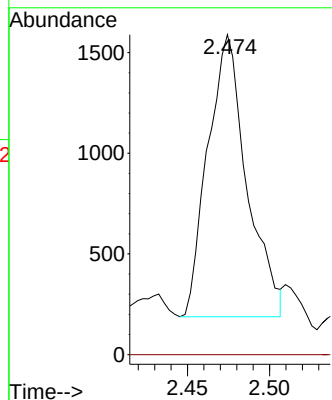
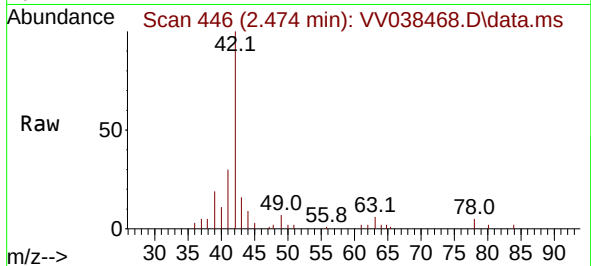




#15
Methyl Acetate
Concen: 0.327 ug/L
RT: 2.474 min Scan# 446
Delta R.T. 0.084 min
Lab File: VV038468.D
Acq: 20 Jan 2025 16:50

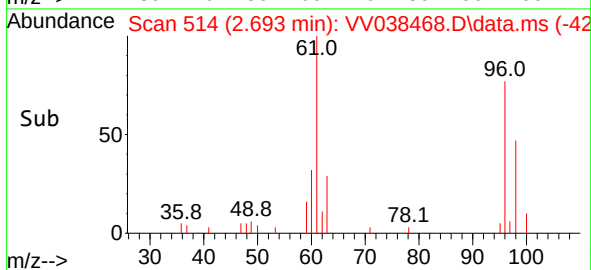
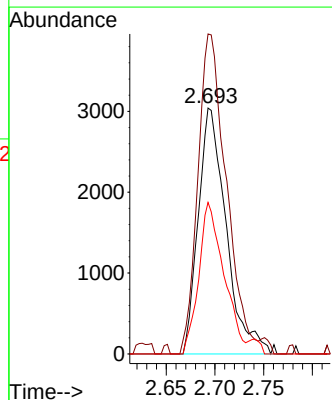
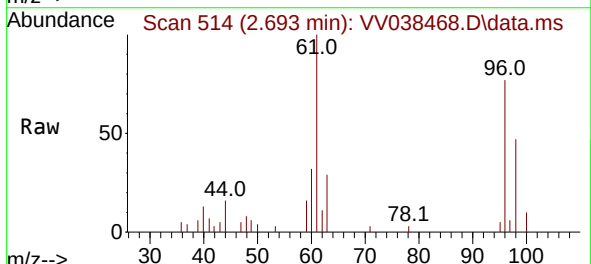
Instrument :
MSVOA_V
ClientSampleId :

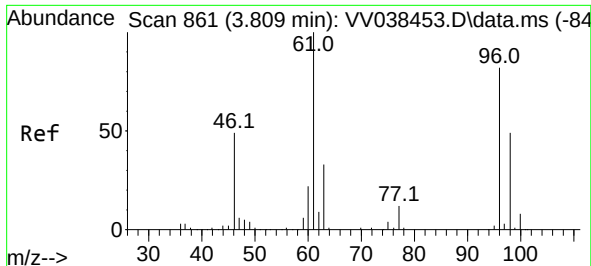
Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
74 0.0 20.4 30.6#



#18
trans-1,2-Dichloroethene
Concen: 0.346 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV038468.D
Acq: 20 Jan 2025 16:50

Tgt Ion: 96 Resp: 6059
Ion Ratio Lower Upper
96 100
61 130.1 94.8 176.2
98 61.6 44.2 82.2

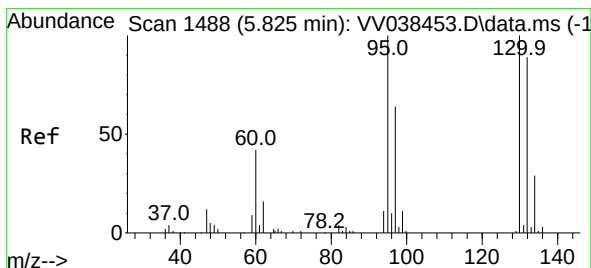
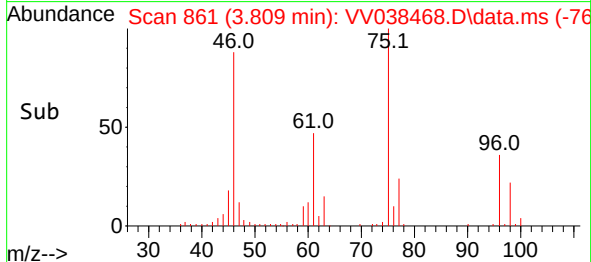
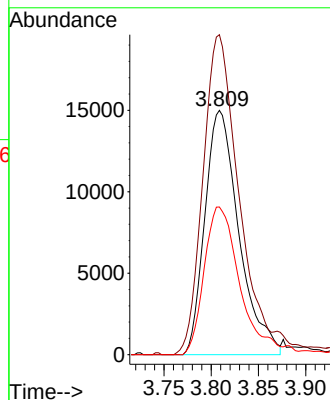
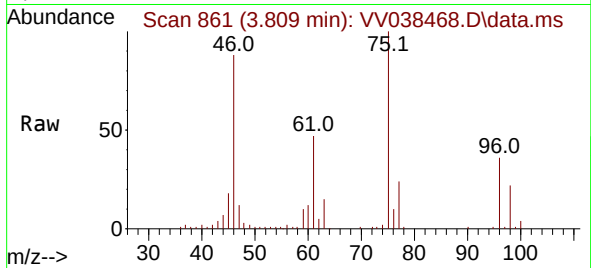




#22
 cis-1,2-Dichloroethene
 Concen: 2.111 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV038468.D
 Acq: 20 Jan 2025 16:50

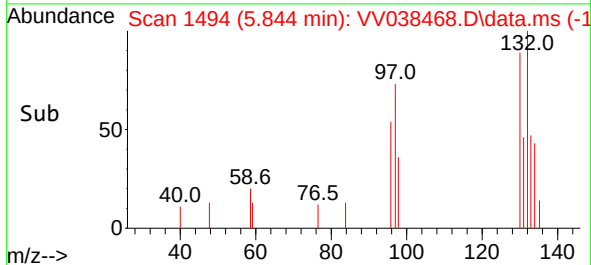
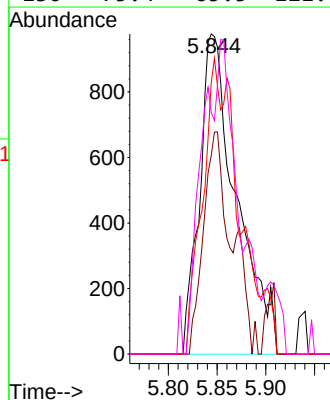
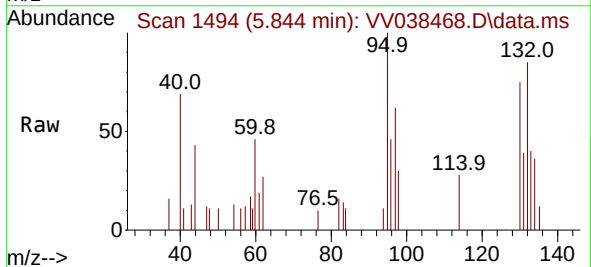
Instrument :
 MSVOA_V
 ClientSampleId :

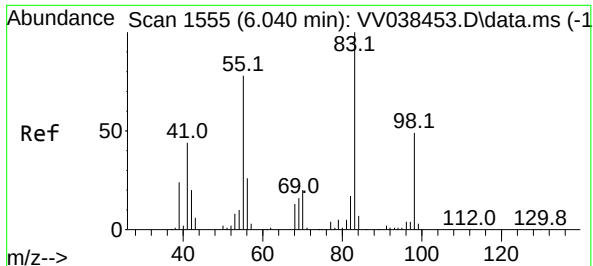
Tgt Ion: 96 Resp: 37553
 Ion Ratio Lower Upper
 96 100
 61 131.0 86.5 160.7
 98 60.4 43.8 81.3



#34
 Trichloroethene
 Concen: 0.144 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.019 min
 Lab File: VV038468.D
 Acq: 20 Jan 2025 16:50

Tgt Ion: 95 Resp: 2571
 Ion Ratio Lower Upper
 95 100
 97 62.0 43.4 80.6
 132 84.7 65.5 121.6
 130 75.4 65.5 121.6





#35

Methylcyclohexane

Concen: 0.779 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV038468.D

Acq: 20 Jan 2025 16:50

Instrument :

MSVOA_V

ClientSampleId :

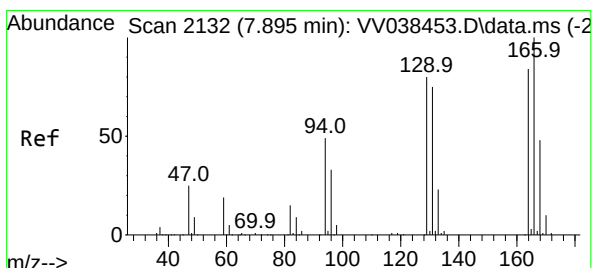
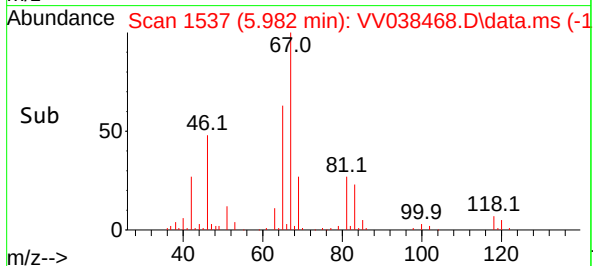
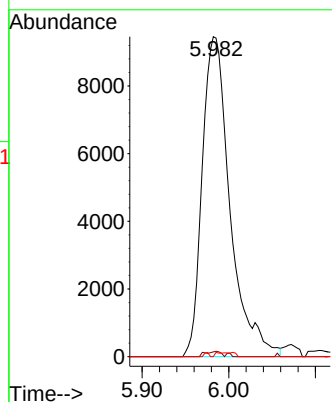
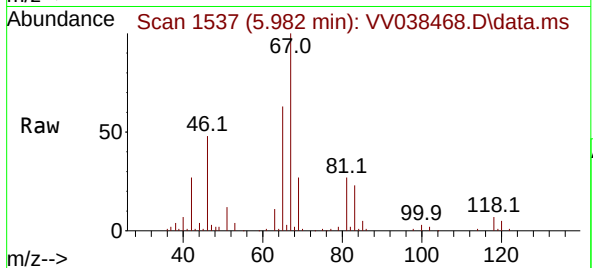
Tgt Ion: 83 Resp: 21137

Ion Ratio Lower Upper

83 100

55 0.6 59.4 89.0#

98 0.3 37.8 56.8#



#47

Tetrachloroethene

Concen: 0.464 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV038468.D

Acq: 20 Jan 2025 16:50

Tgt Ion: 164 Resp: 6393

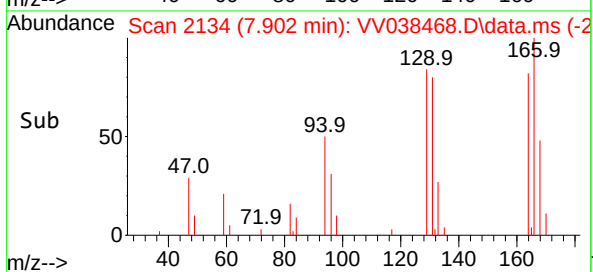
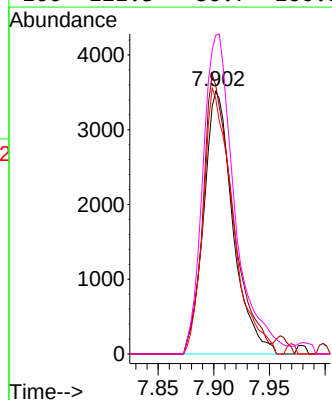
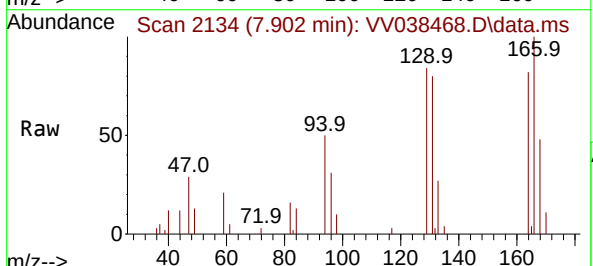
Ion Ratio Lower Upper

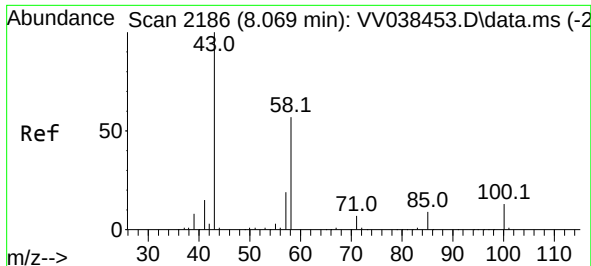
164 100

129 102.3 68.9 127.9

131 97.3 65.2 121.2

166 121.3 86.7 160.9

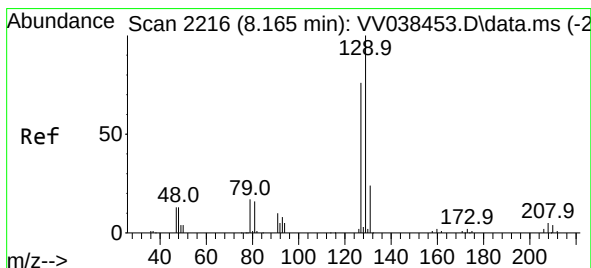
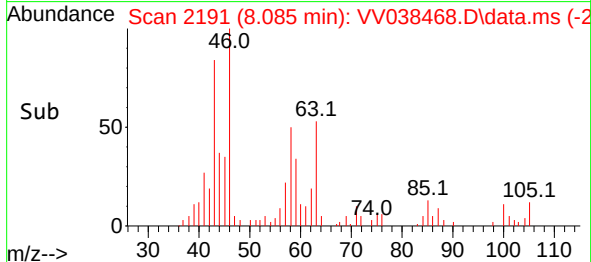
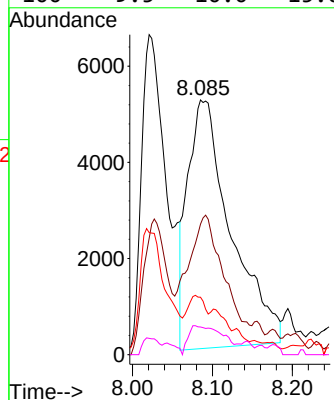
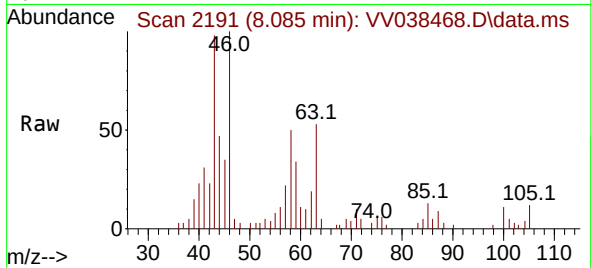




#48
2-Hexanone
Concen: 2.931 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV038468.D
Acq: 20 Jan 2025 16:50

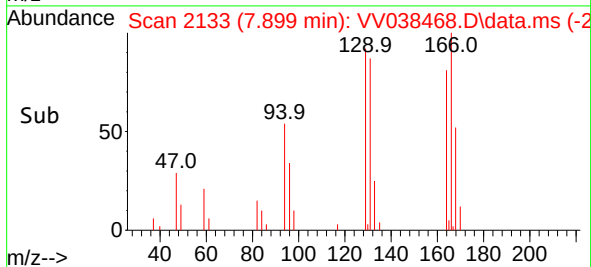
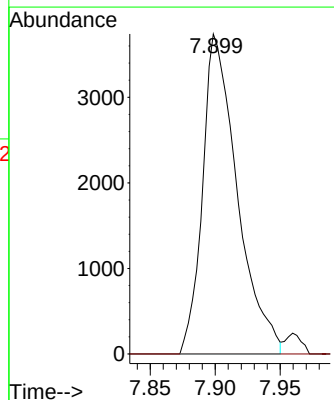
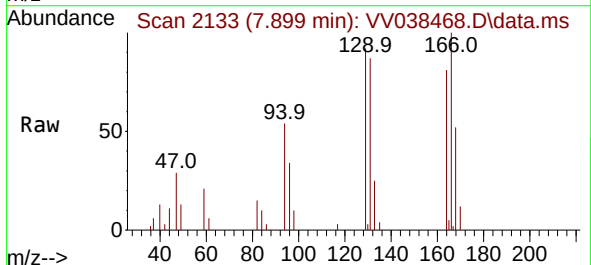
Instrument :
MSVOA_V
ClientSampleId :

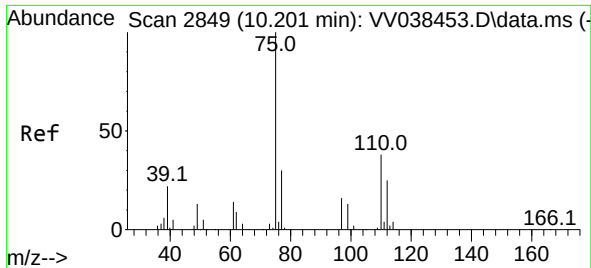
Tgt Ion: 43 Resp: 19427
Ion Ratio Lower Upper
43 100
58 45.1 43.6 65.4
57 3.9 15.0 22.4#
100 9.5 10.0 15.0#



#49
Dibromochloromethane
Concen: 0.474 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.267 min
Lab File: VV038468.D
Acq: 20 Jan 2025 16:50

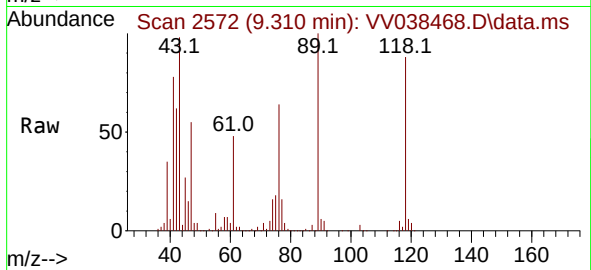
Tgt Ion:129 Resp: 6949
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 3.067 ug/L
 RT: 9.310 min Scan# 21
 Delta R.T. -0.891 min
 Lab File: VV038468.D
 Acq: 20 Jan 2025 16:50

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 26425
 Ion Ratio Lower Upper
 75 100
 77 84.8 25.4 38.0#
 110 0.0 32.6 48.8#

