

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038274.D
 Acq On : 22 Nov 2024 17:06
 Operator : SY/MD
 Sample : P4884-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 00:03:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 23:57:44 2024
 Response via : Initial Calibration

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

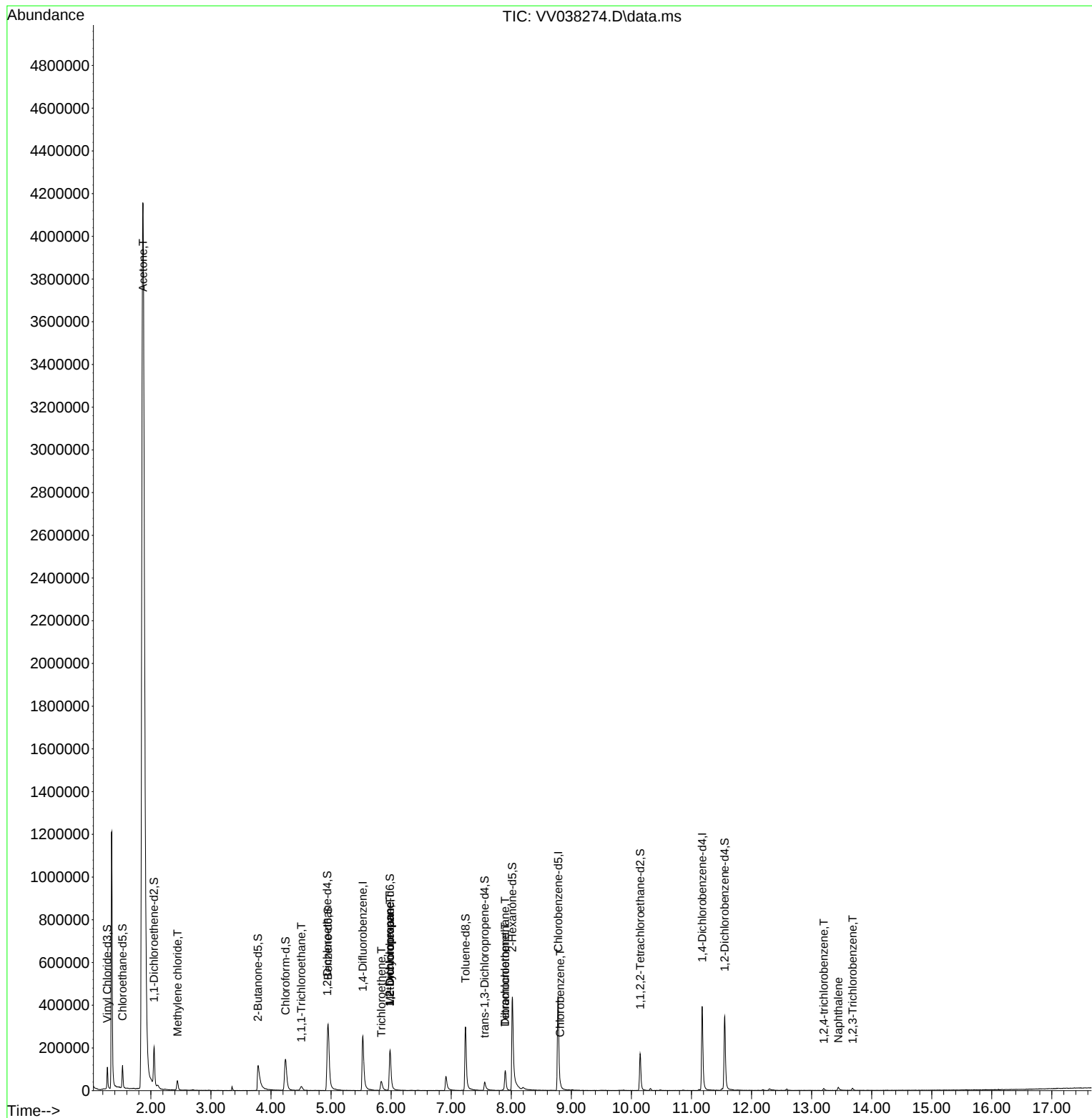
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	242281	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	264160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66264	3.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.529	69	68221	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.053	65	27960	3.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.783	46	201896	54.347	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.700%
24) Chloroform-d	4.243	84	168225	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.937	65	87984	5.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	4.950	84	292157	4.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.982	67	99409	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.240	98	215770	3.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	7.558	79	29271	3.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.018	63	161830	53.300	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.600%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88877	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	95132	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
13) Acetone	1.867	43	1634361	594.843	ug/L	41
16) Methylene chloride	2.442	84	20196	1.023	ug/L	98
29) 1,1,1-Trichloroethane	4.507	97	16282	0.514	ug/L	97
34) Trichloroethene	5.838	95	17706	0.875	ug/L	95
35) Methylcyclohexane	5.982	83	24410	0.853	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	10930	0.588	ug/L #	87
47) Tetrachloroethene	7.899	164	23038	1.417	ug/L	93
49) Dibromochloromethane	7.899	129	21481	1.307	ug/L #	11
51) Chlorobenzene	8.815	112	9012	0.166	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	3870	0.195	ug/L	86
71) Naphthalene	13.445	128	14421	0.467	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	3946	0.215	ug/L	93

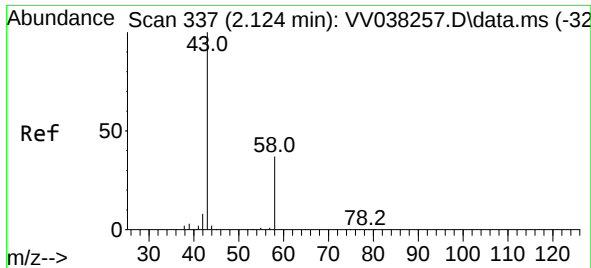
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 594.843 ug/L

RT: 1.867 min Scan# 21

Delta R.T. -0.257 min

Lab File: VV038274.D

Acq: 22 Nov 2024 17:06

Instrument :

MSVOA_V

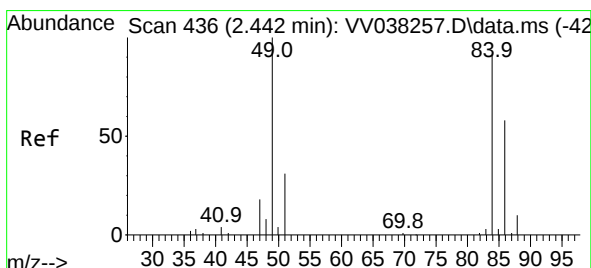
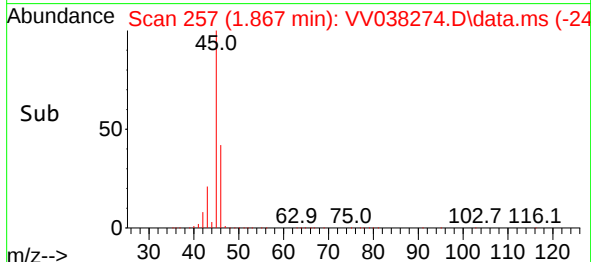
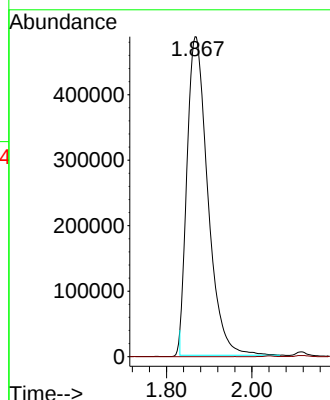
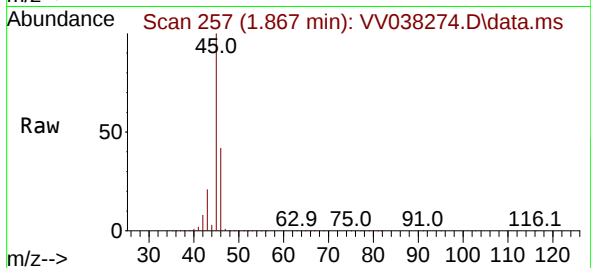
ClientSampleId :

Tgt Ion: 43 Resp: 1634361

Ion Ratio Lower Upper

43 100

58 0.1 0.0 67.2



#16

Methylene chloride

Concen: 1.023 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV038274.D

Acq: 22 Nov 2024 17:06

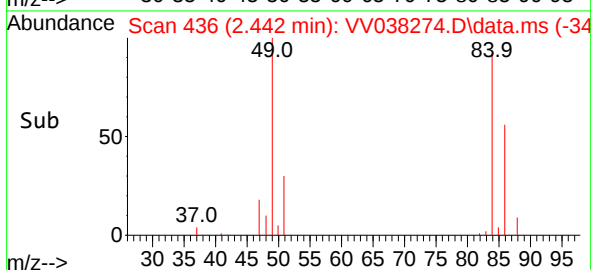
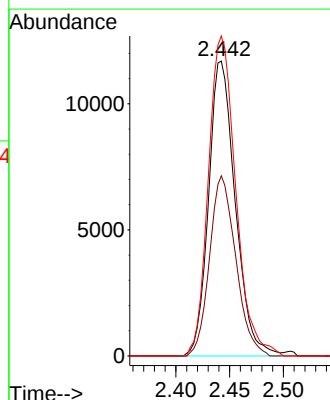
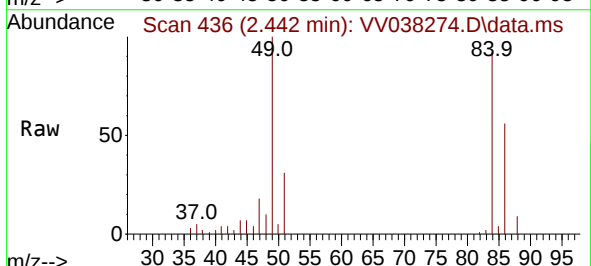
Tgt Ion: 84 Resp: 20196

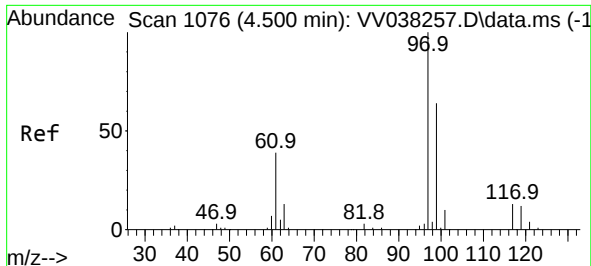
Ion Ratio Lower Upper

84 100

86 61.1 44.2 82.2

49 108.5 74.9 139.1





#29

1,1,1-Trichloroethane

Concen: 0.514 ug/L

RT: 4.507 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VV038274.D

Acq: 22 Nov 2024 17:06

Instrument :

MSVOA_V

ClientSampleId :

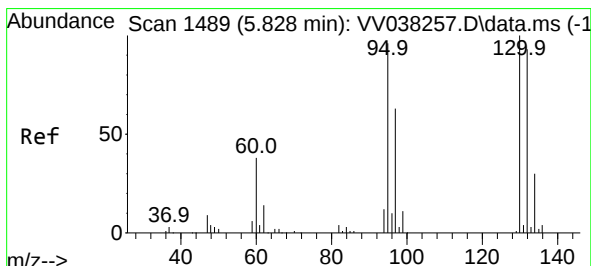
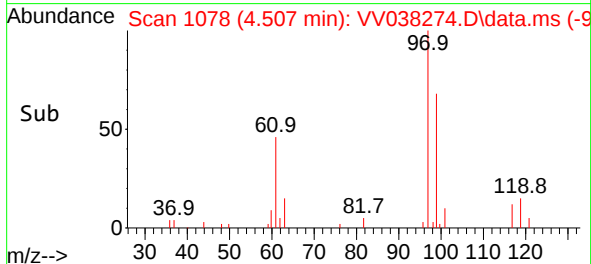
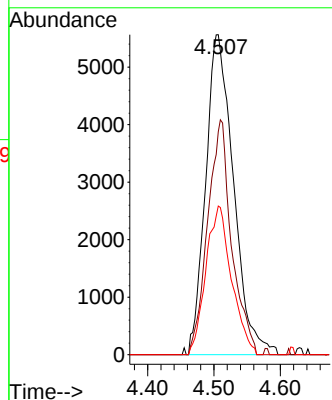
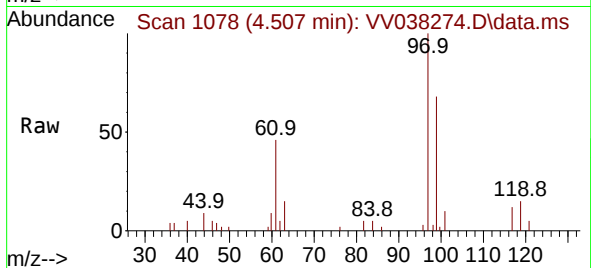
Tgt Ion: 97 Resp: 16282

Ion Ratio Lower Upper

97 100

99 63.2 51.8 77.8

61 42.7 32.2 48.2



#34

Trichloroethene

Concen: 0.875 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV038274.D

Acq: 22 Nov 2024 17:06

Tgt Ion: 95 Resp: 17706

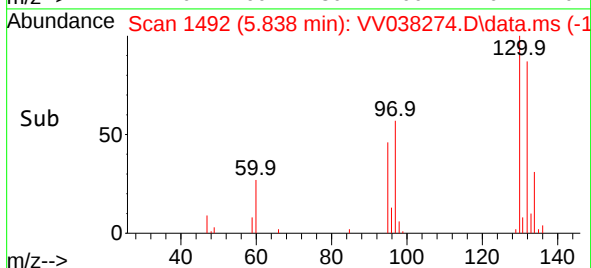
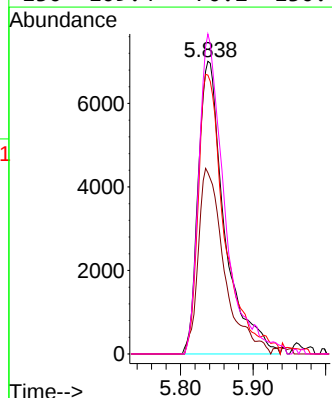
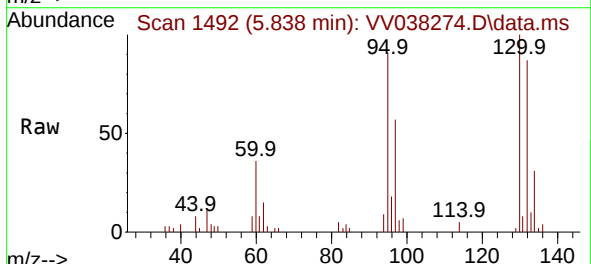
Ion Ratio Lower Upper

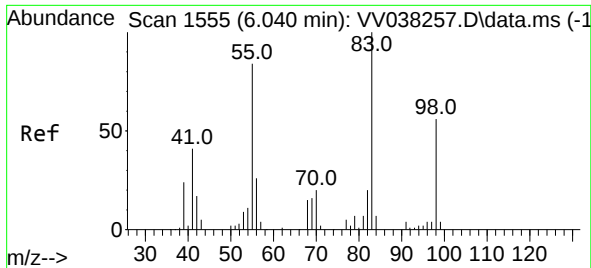
95 100

97 62.0 44.8 83.2

132 95.3 68.3 126.8

130 109.4 70.2 130.4

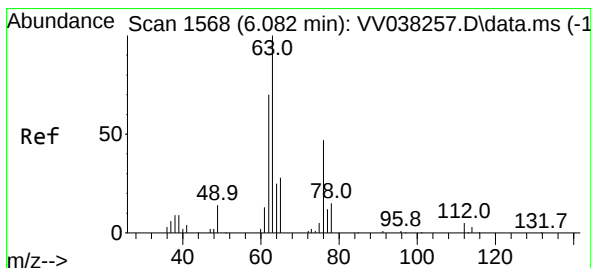
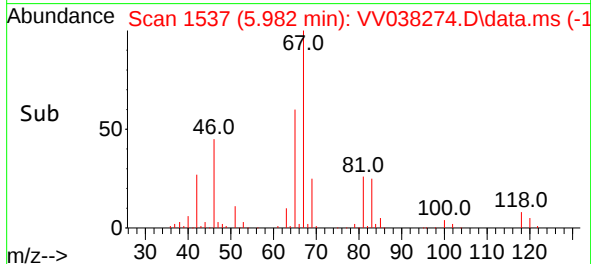
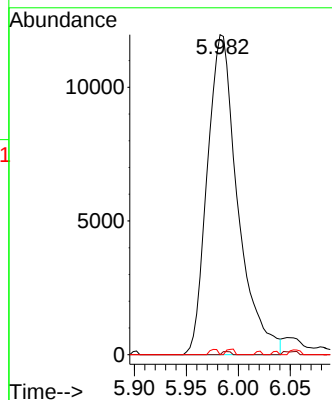
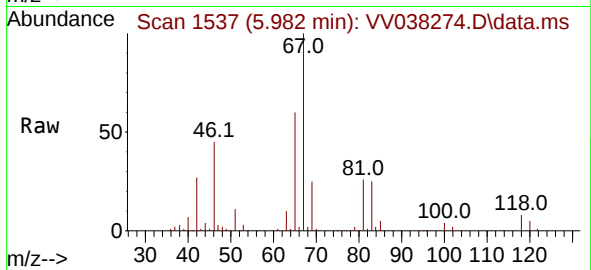




#35
Methylcyclohexane
Concen: 0.853 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038274.D
Acq: 22 Nov 2024 17:06

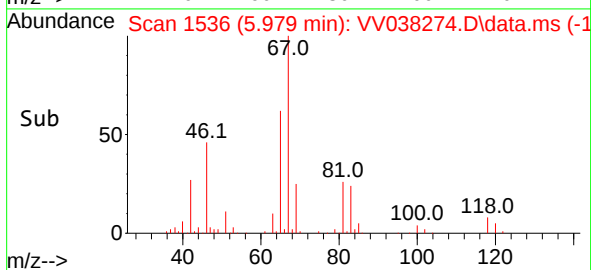
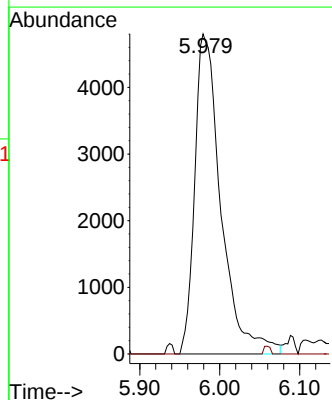
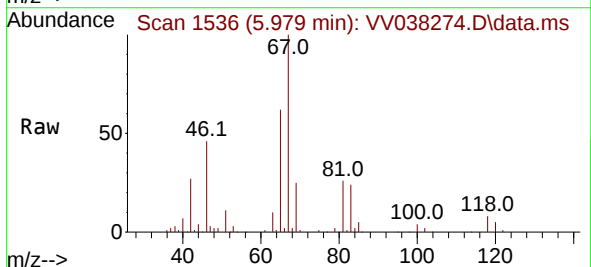
Instrument :
MSVOA_V
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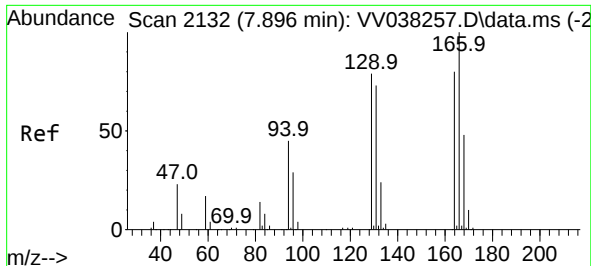
Tgt Ion	83	Resp	24410
Ion Ratio	Lower	Upper	
83	100		
55	0.3	59.7	89.5#
98	0.5	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.103 min
Lab File: VV038274.D
Acq: 22 Nov 2024 17:06

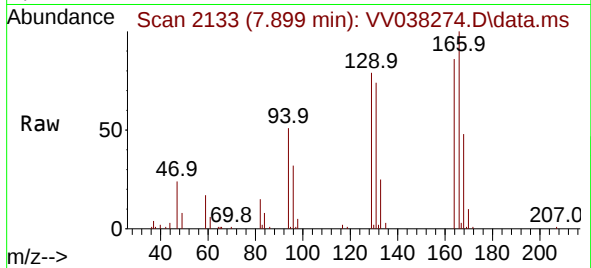
Tgt Ion	63	Resp	10930
Ion Ratio	Lower	Upper	
63	100		
112	0.6	3.9	5.9#



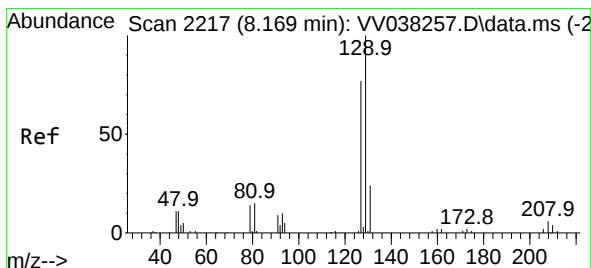
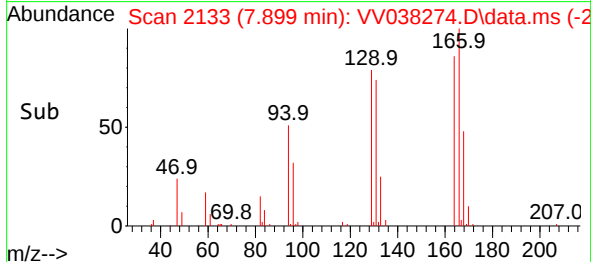
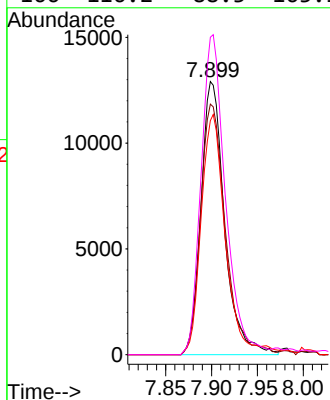


#47
Tetrachloroethene
Concen: 1.417 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038274.D
Acq: 22 Nov 2024 17:06

Instrument : MSVOA_V
ClientSampleId :

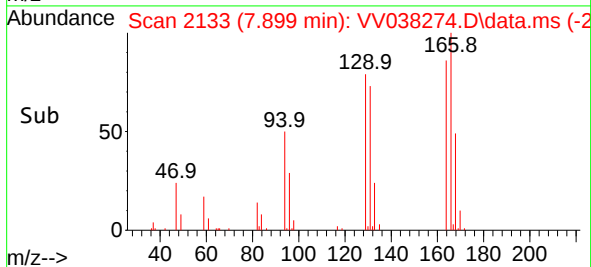
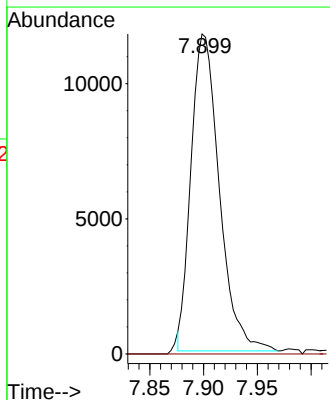
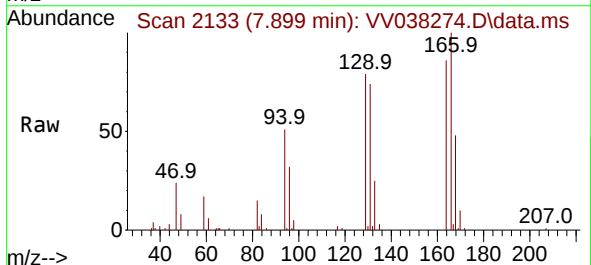


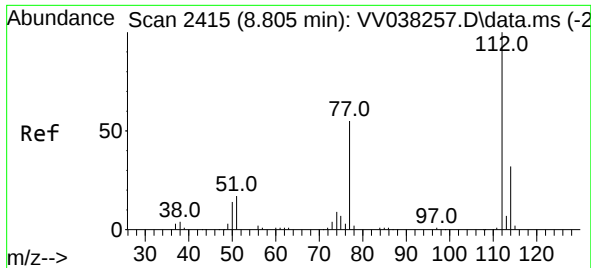
Tgt	Ion:164	Resp:	23038
Ion	Ratio	Lower	Upper
164	100		
129	91.7	68.5	127.1
131	85.7	64.8	120.4
166	116.2	88.3	163.9



#49
Dibromochloromethane
Concen: 1.307 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038274.D
Acq: 22 Nov 2024 17:06

Tgt Ion:129	Resp: 21481
Ion Ratio	Lower Upper
129 100	
127 0.0	53.5 99.3#

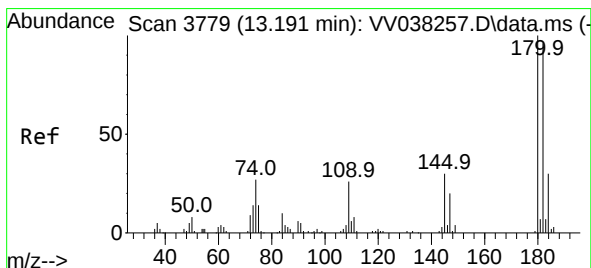
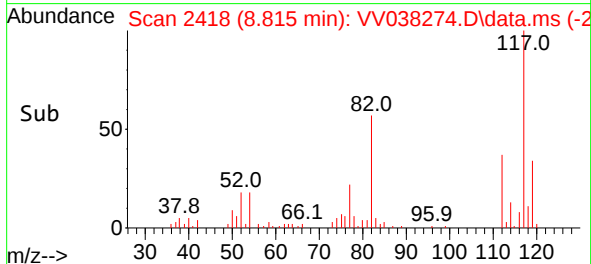
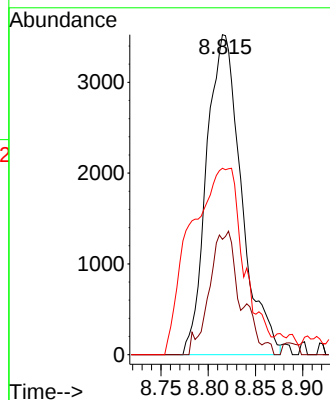
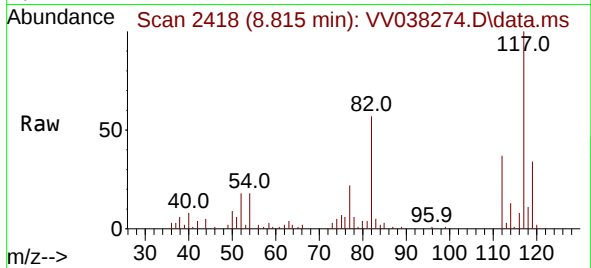




#51
Chlorobenzene
Concen: 0.166 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038274.D
Acq: 22 Nov 2024 17:06

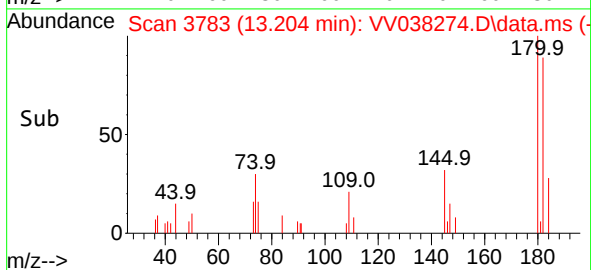
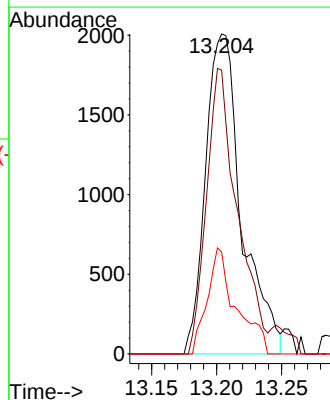
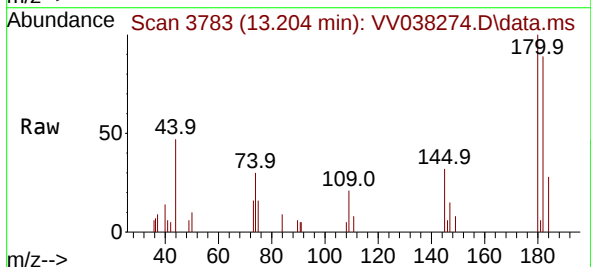
Instrument :
MSVOA_V
ClientSampleId :

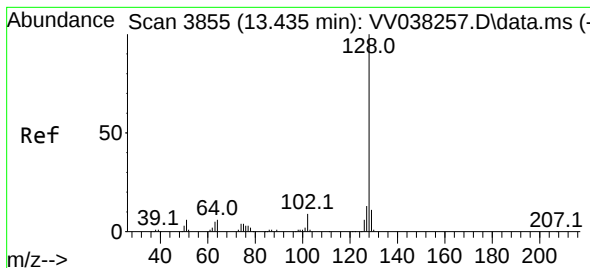
Tgt Ion:112 Resp: 9012
Ion Ratio Lower Upper
112 100
114 36.1 22.0 40.8
77 58.2 45.0 67.4



#70
1,2,4-trichlorobenzene
Concen: 0.195 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.013 min
Lab File: VV038274.D
Acq: 22 Nov 2024 17:06

Tgt Ion:180 Resp: 3870
Ion Ratio Lower Upper
180 100
182 76.9 73.8 110.8
145 26.5 24.6 37.0





#71

Naphthalene

Concen: 0.467 ug/L

RT: 13.445 min Scan# 3912

Delta R.T. 0.010 min

Lab File: VV038274.D

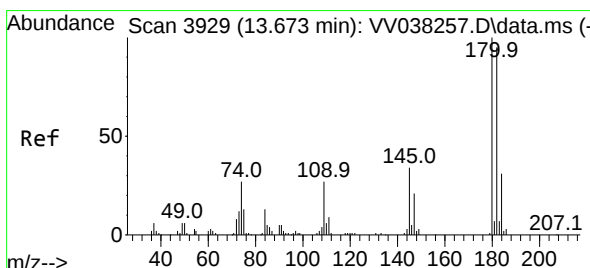
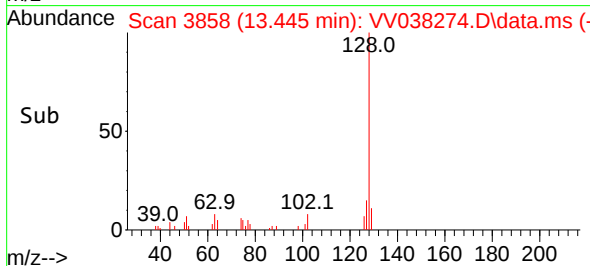
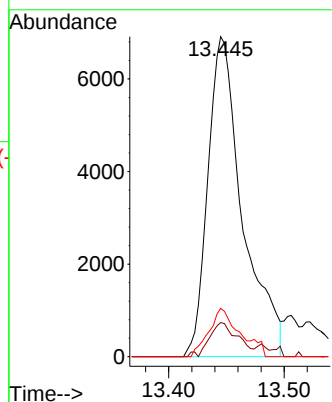
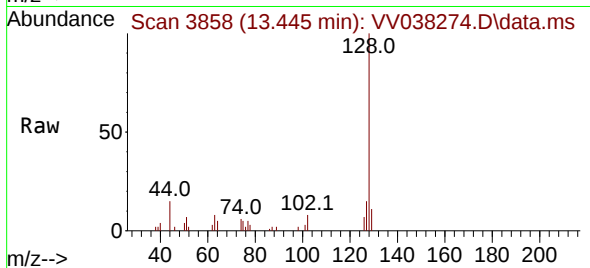
Acq: 22 Nov 2024 17:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	14421
Ion Ratio	Lower	Upper
128	100	
129	8.9	8.5 12.7
127	13.5	10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 0.215 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.010 min

Lab File: VV038274.D

Acq: 22 Nov 2024 17:06

Tgt Ion:180	Resp:	3946
Ion Ratio	Lower	Upper
180	100	
182	86.7	75.1 112.7
145	31.1	27.0 40.4

