

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031906.D
 Acq On : 24 Aug 2023 14:02
 Operator : SY/MD
 Sample : VV0824WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:57:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

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

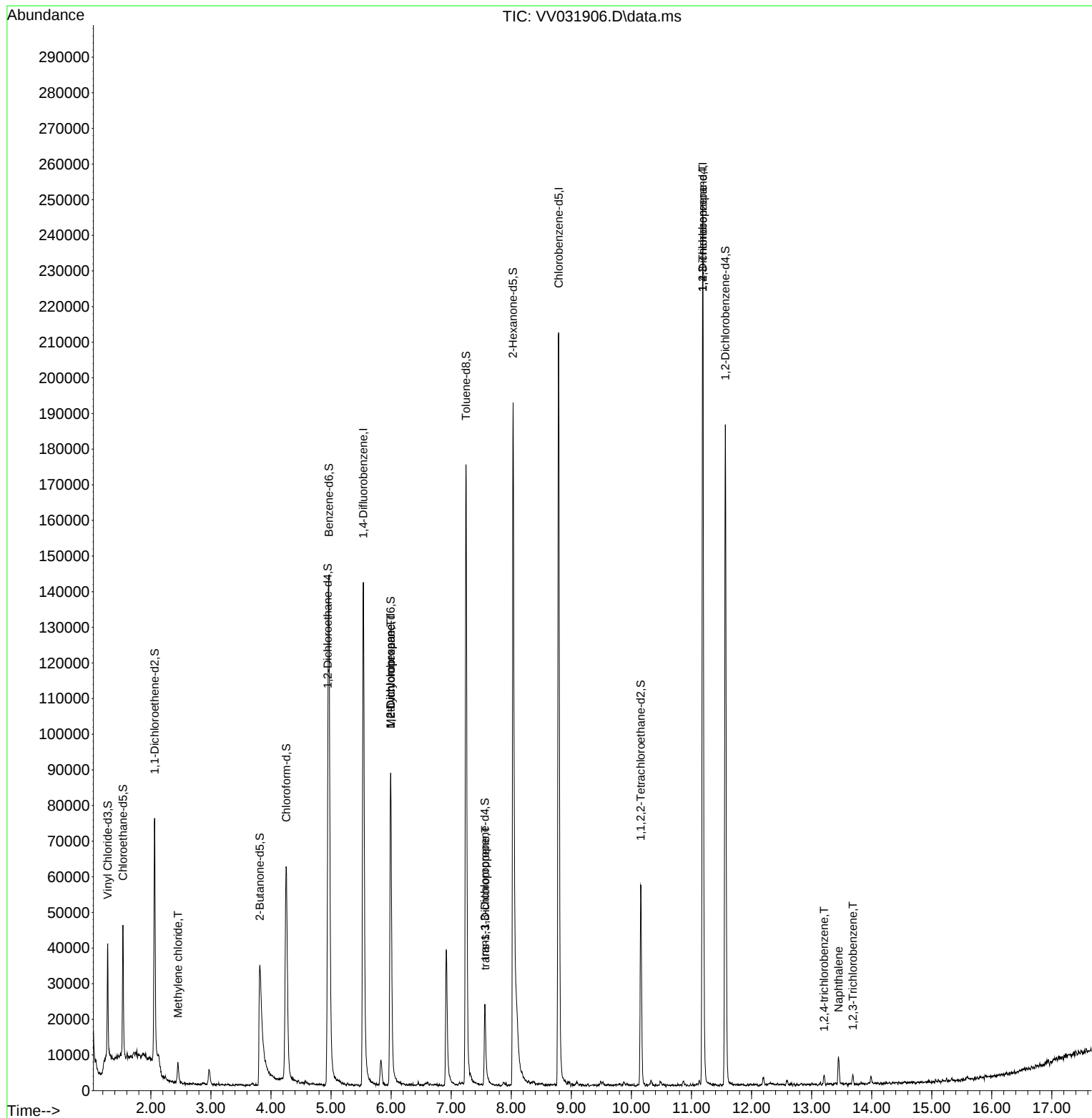
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	122919	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	115209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60952	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	19402	4.673	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.535	69	23248	4.888	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.063	65	12193	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.815	46	84756	42.174	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.340%
24) Chloroform-d	4.252	84	65685	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.947	65	34482	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.963	84	130284	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	5.992	67	44205	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.246	98	117206	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.561	79	15722	4.664	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.030	63	82687	46.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30052	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	45801	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
16) Methylene chloride	2.452	84	2330	0.259	ug/L	87
35) Methylcyclohexane	5.992	83	10490	0.929	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	5005	0.685	ug/L #	87
44) trans-1,3-Dichloropropene	7.567	75	745	0.080	ug/L #	62
61) 1,2,3-Trichloropropane	11.188	75	8571	1.909	ug/L #	67
70) 1,2,4-trichlorobenzene	13.207	180	915	0.090	ug/L	94
71) Naphthalene	13.448	128	6565	0.343	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	1038	0.121	ug/L #	87

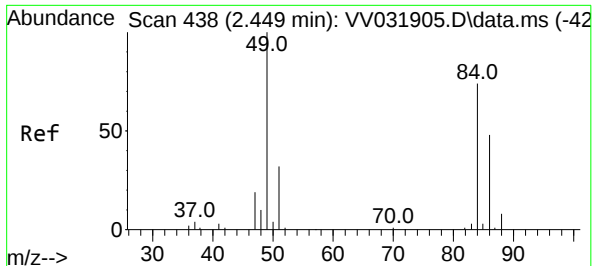
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

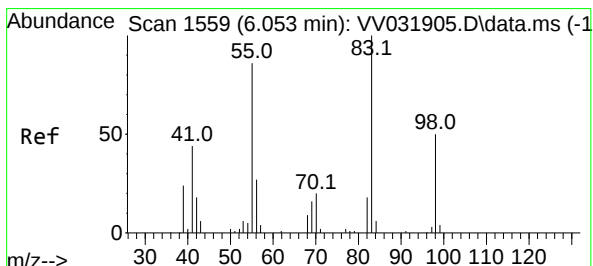
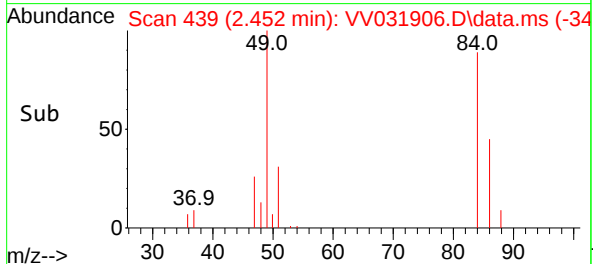
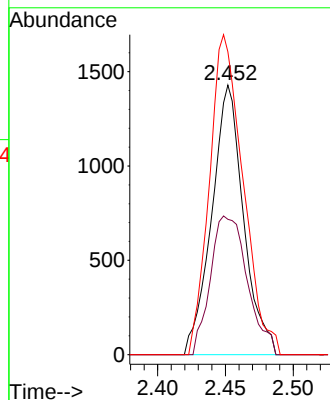
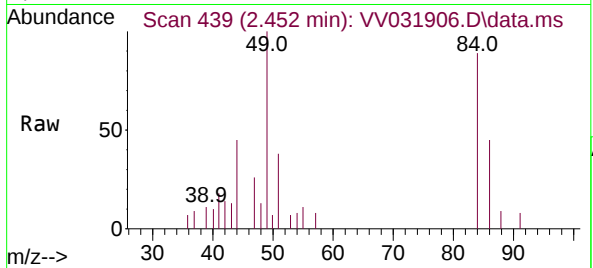




#16
Methylene chloride
Concen: 0.259 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031906.D
Acq: 24 Aug 2023 14:02

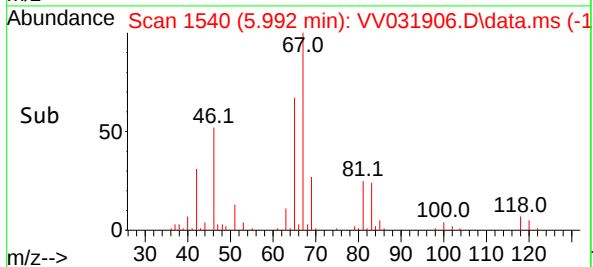
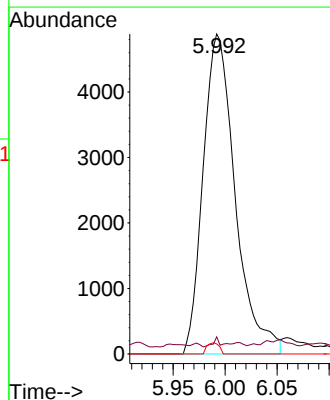
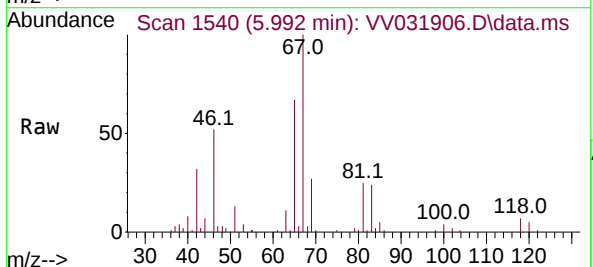
Instrument :
MSVOA_V
ClientSampleId :

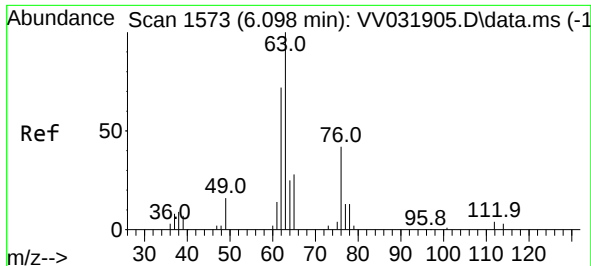
Tgt Ion: 84 Resp: 2330
Ion Ratio Lower Upper
84 100
86 50.2 42.6 79.2
49 112.3 88.5 164.4



#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.061 min
Lab File: VV031906.D
Acq: 24 Aug 2023 14:02

Tgt Ion: 83 Resp: 10490
Ion Ratio Lower Upper
83 100
55 0.6 62.6 94.0#
98 1.3 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.685 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV031906.D

Acq: 24 Aug 2023 14:02

Instrument :

MSVOA_V

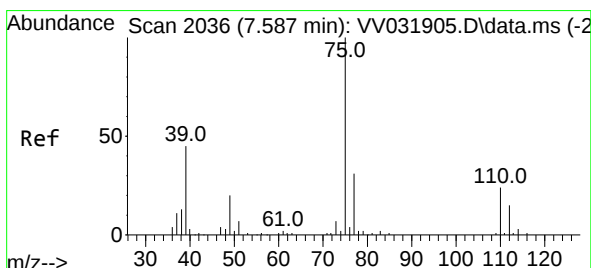
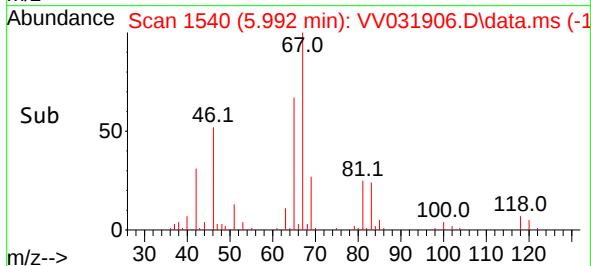
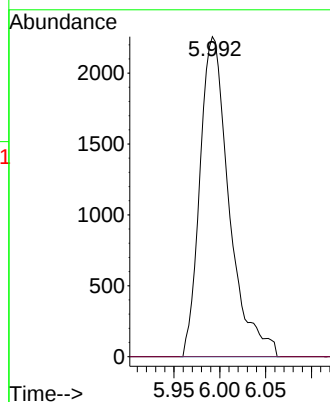
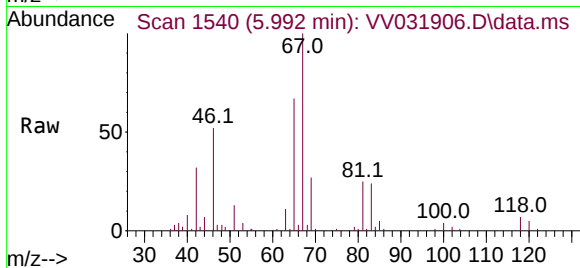
ClientSampleId :

Tgt Ion: 63 Resp: 5005

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.567 min Scan# 2030

Delta R.T. -0.019 min

Lab File: VV031906.D

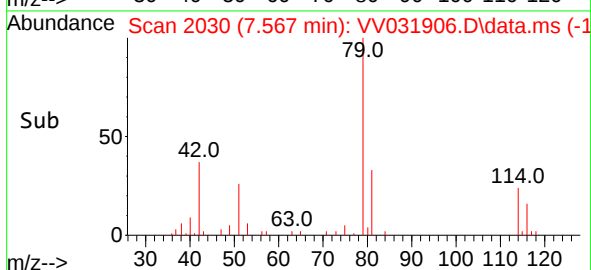
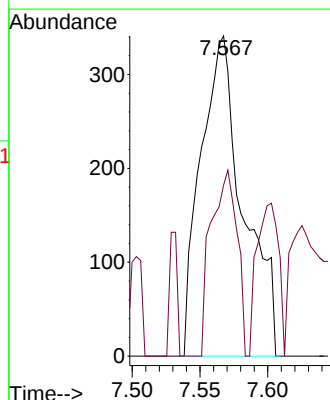
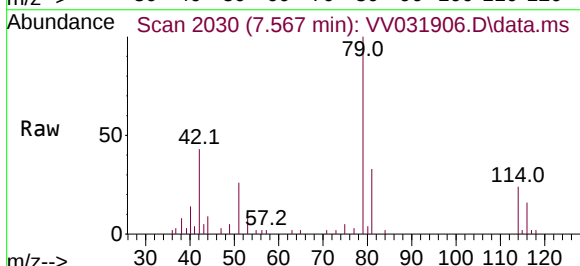
Acq: 24 Aug 2023 14:02

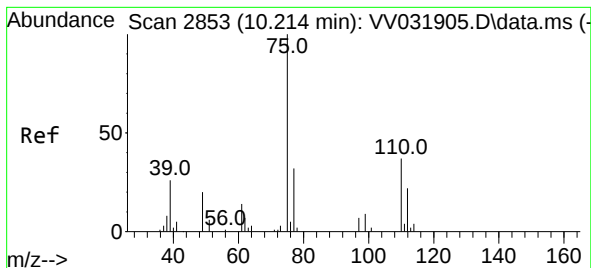
Tgt Ion: 75 Resp: 745

Ion Ratio Lower Upper

75 100

77 53.4 22.4 41.6#





#61

1,2,3-Trichloropropane

Concen: 1.909 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV031906.D

Acq: 24 Aug 2023 14:02

Instrument :

MSVOA_V

ClientSampleId :

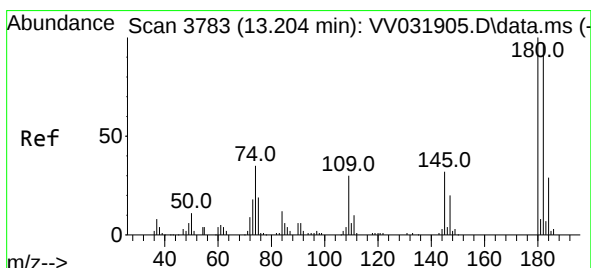
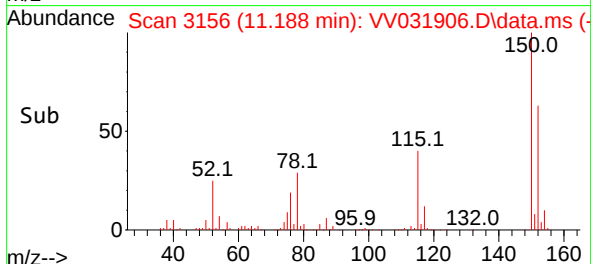
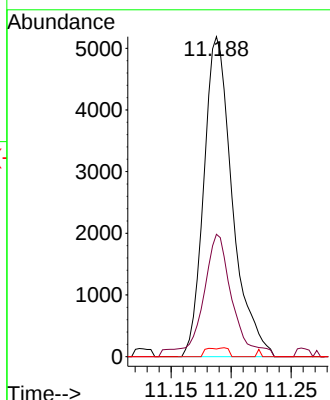
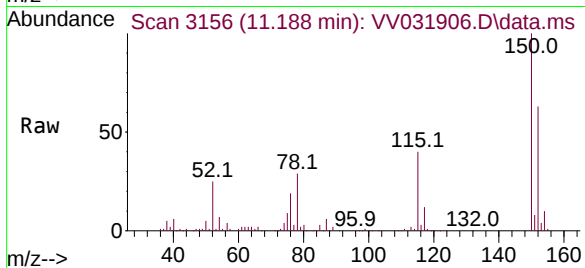
Tgt Ion: 75 Resp: 8571

Ion Ratio Lower Upper

75 100

77 39.0 28.8 43.2

110 2.1 30.2 45.2#



#70

1,2,4-trichlorobenzene

Concen: 0.090 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.003 min

Lab File: VV031906.D

Acq: 24 Aug 2023 14:02

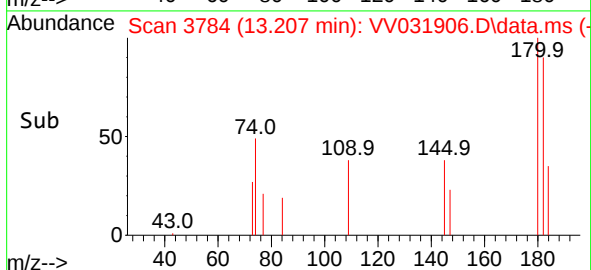
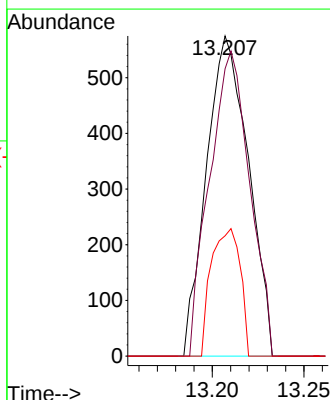
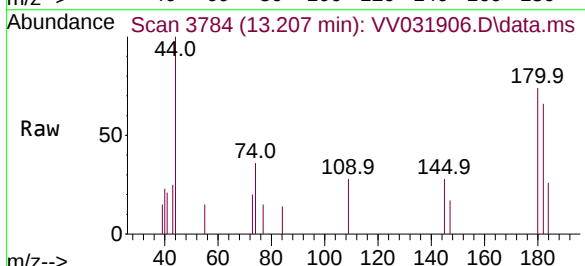
Tgt Ion:180 Resp: 915

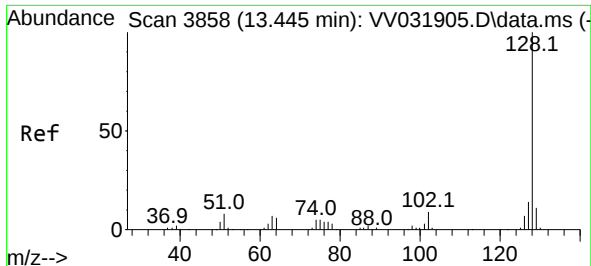
Ion Ratio Lower Upper

180 100

182 91.3 76.9 115.3

145 27.4 26.6 39.8



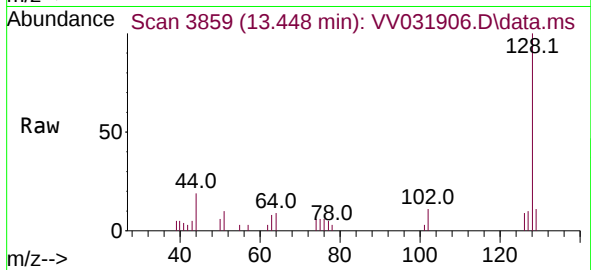


#71
Naphthalene
Concen: 0.343 ug/L
RT: 13.448 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV031906.D
Acq: 24 Aug 2023 14:02

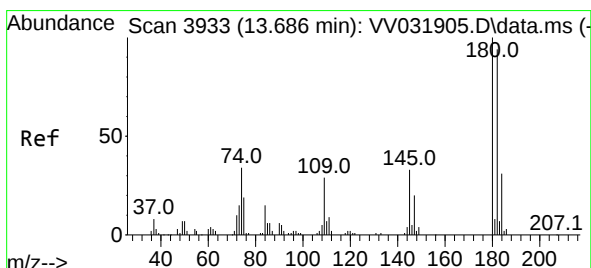
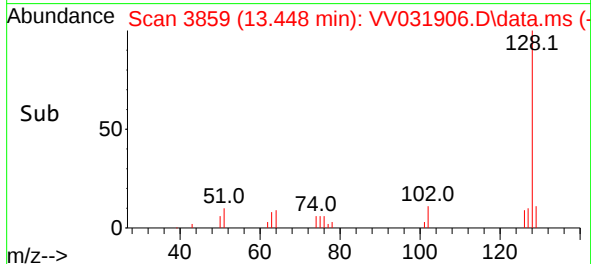
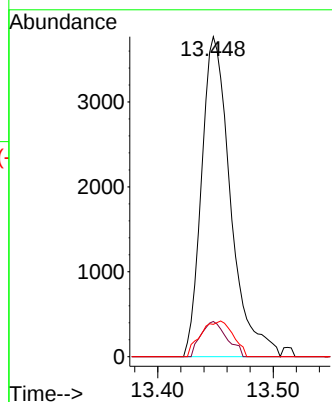
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 6565
Ion Ratio Lower Upper
128 100
129 9.9 8.9 13.3
127 12.5 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.121 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.000 min
Lab File: VV031906.D
Acq: 24 Aug 2023 14:02

Tgt Ion:180 Resp: 1038
Ion Ratio Lower Upper
180 100
182 83.9 75.9 113.9
145 23.6 27.3 40.9#

