

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027450.D
 Acq On : 19 Aug 2022 19:12
 Operator : SY/MD
 Sample : N4268-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8

Quant Time: Aug 20 06:07:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

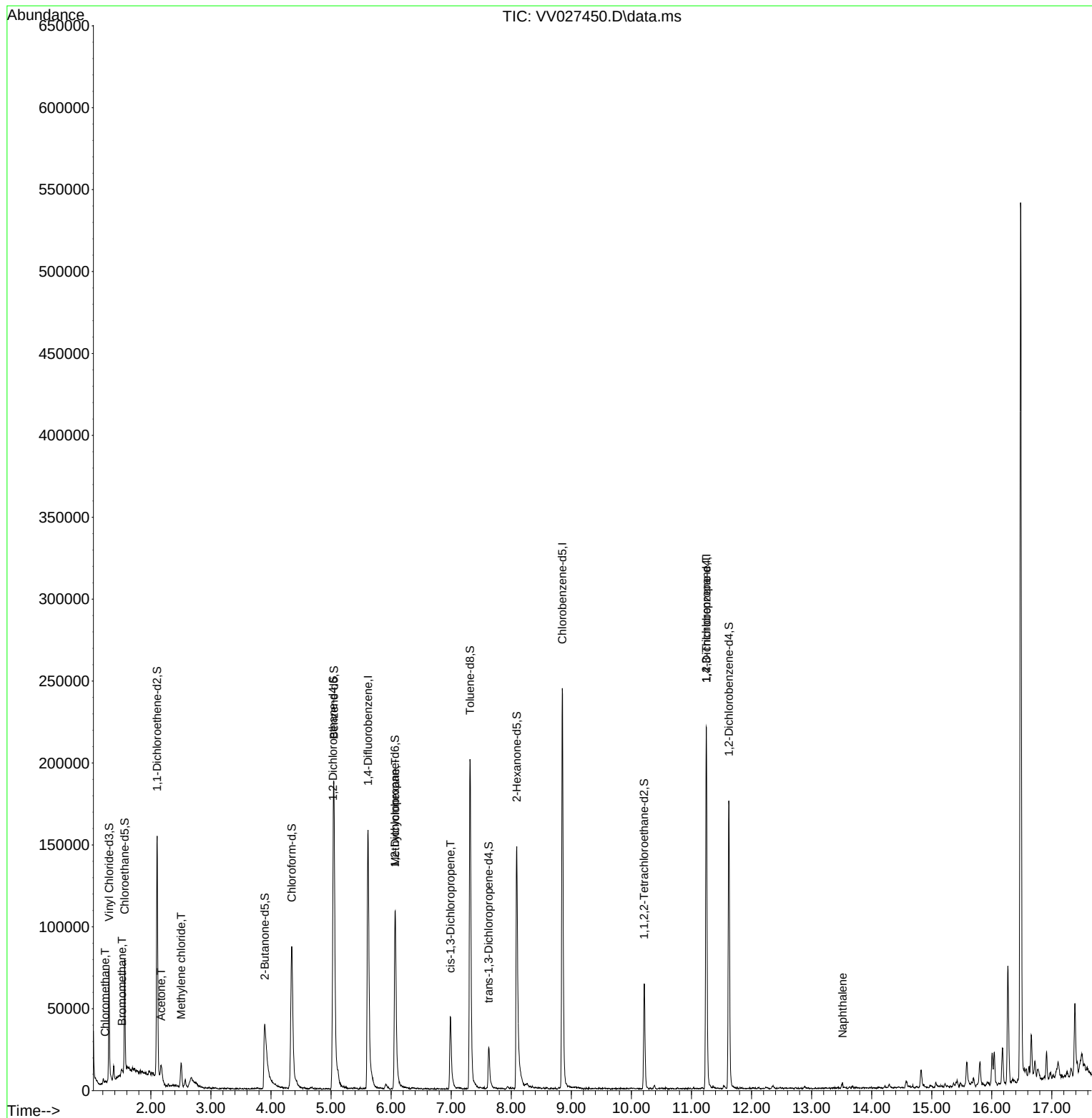
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142013	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	133098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45786	4.530	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.565	69	41805	5.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.105	63	78505	3.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.896	46	78904	62.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.460%
24) Chloroform-d	4.346	84	89576	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.034	65	40466	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.047	84	179198	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.066	67	55124	5.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.314	98	139554	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.625	79	16689	4.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.092	63	51583	42.700	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30207	4.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	45204	5.340	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	766	0.058	ug/L	83
6) Bromomethane	1.520	94	897	0.137	ug/L	71
13) Acetone	2.172	43	6002	4.997	ug/L	92
16) Methylene chloride	2.507	84	5615	0.347	ug/L	95
35) Methylcyclohexane	6.069	83	13421	0.819	ug/L #	15
39) cis-1,3-Dichloropropene	6.989	75	1339	0.094	ug/L #	54
61) 1,2,3-Trichloropropane	11.246	75	7191	1.435	ug/L #	67
71) Naphthalene	13.516	128	2345	0.169	ug/L #	92

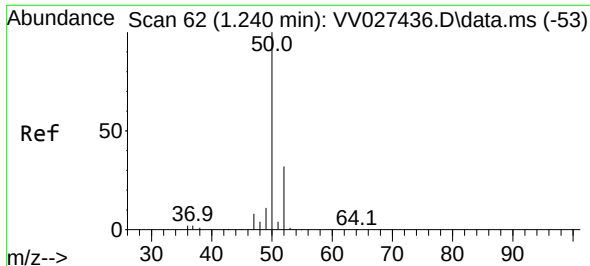
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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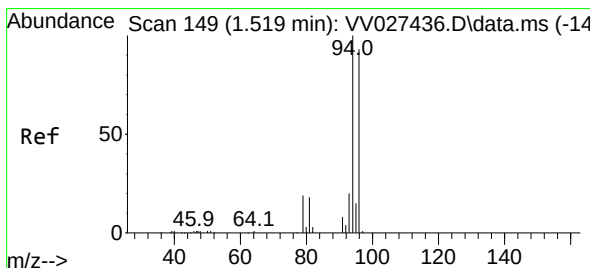
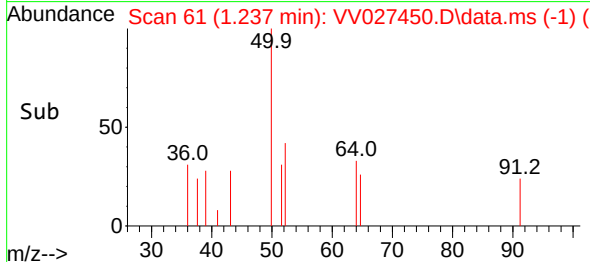
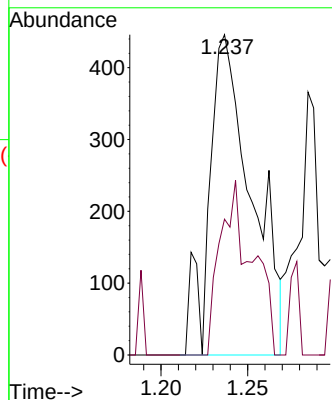
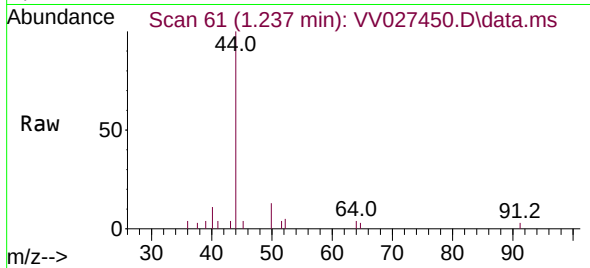




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027450.D
Acq: 19 Aug 2022 19:12

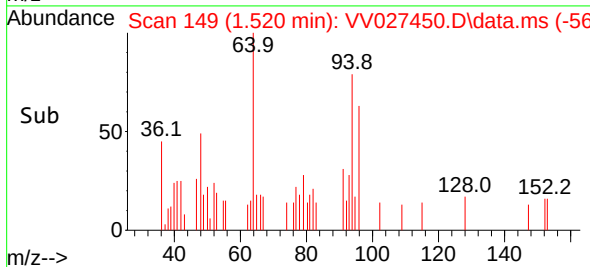
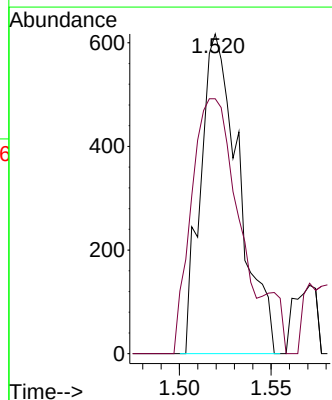
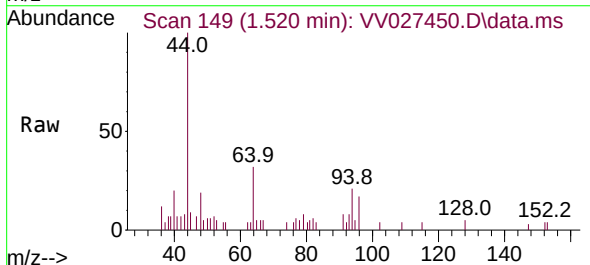
Instrument :
MSVOA_V
ClientSampleId :
C0AB8

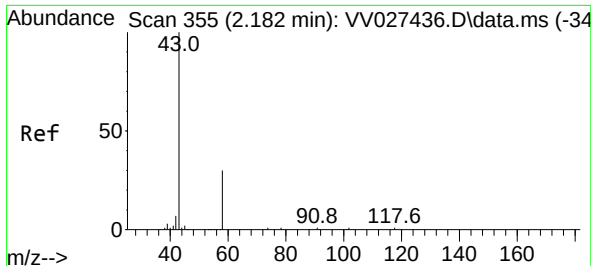
Tgt Ion: 50 Resp: 766
Ion Ratio Lower Upper
50 100
52 42.4 22.8 42.4



#6
Bromomethane
Concen: 0.137 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027450.D
Acq: 19 Aug 2022 19:12

Tgt Ion: 94 Resp: 897
Ion Ratio Lower Upper
94 100
96 65.3 65.2 121.0

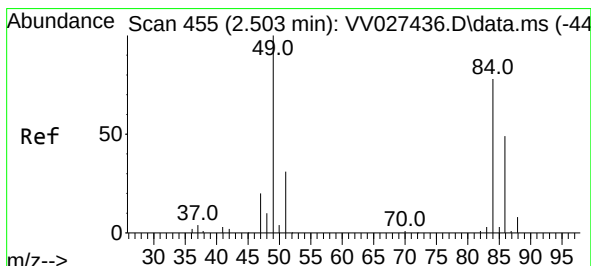
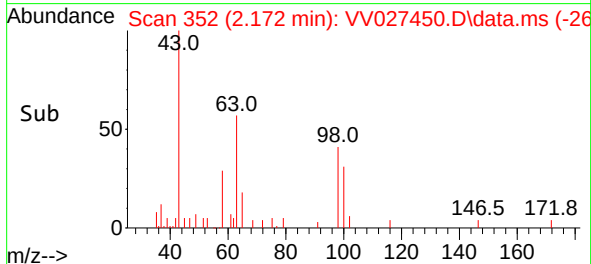
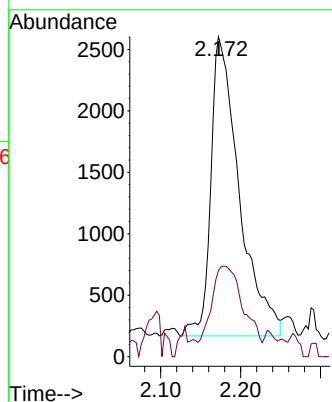
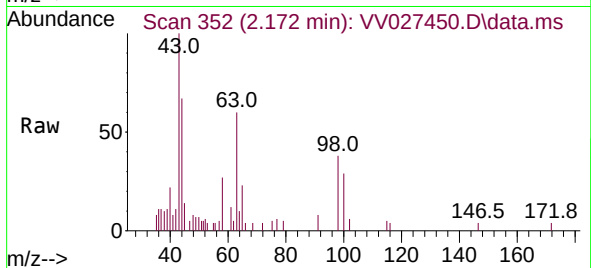




#13
Acetone
Concen: 4.997 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.010 min
Lab File: VV027450.D
Acq: 19 Aug 2022 19:12

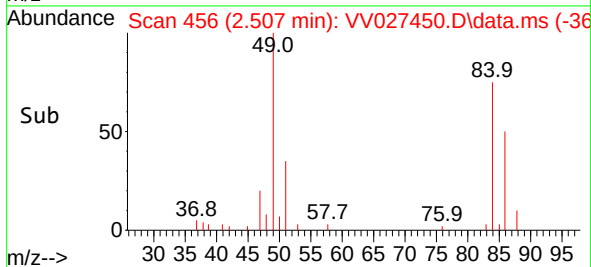
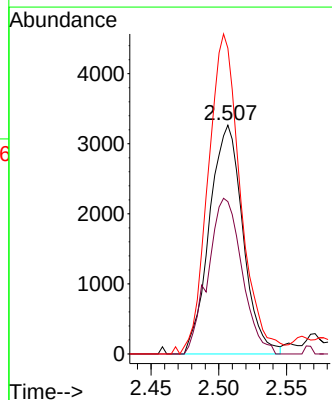
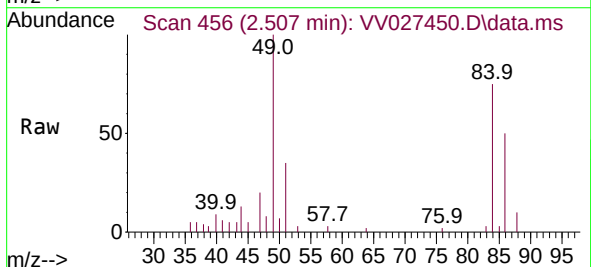
Instrument :
MSVOA_V
ClientSampleId :
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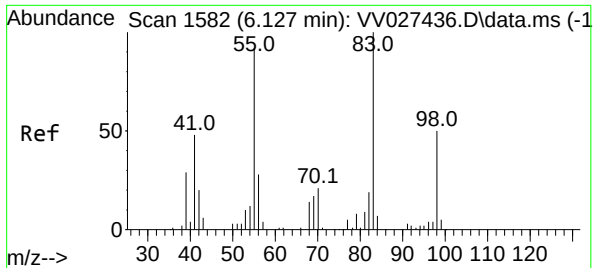
Tgt Ion: 43 Resp: 6002
Ion Ratio Lower Upper
43 100
58 35.5 0.0 62.2



#16
Methylene chloride
Concen: 0.347 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV027450.D
Acq: 19 Aug 2022 19:12

Tgt Ion: 84 Resp: 5615
Ion Ratio Lower Upper
84 100
86 66.6 44.0 81.6
49 133.6 89.4 166.0

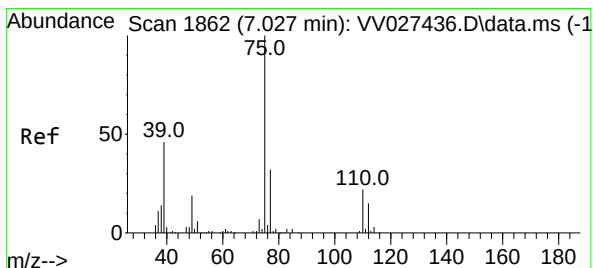
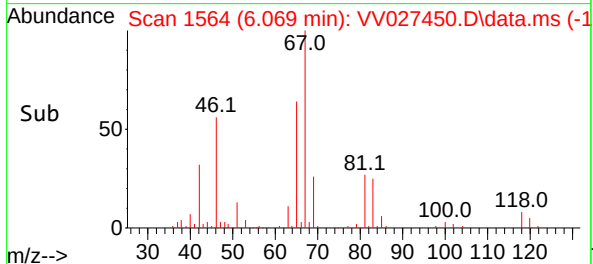
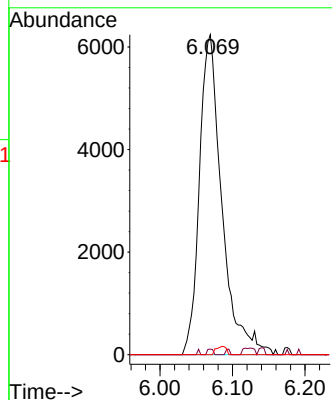
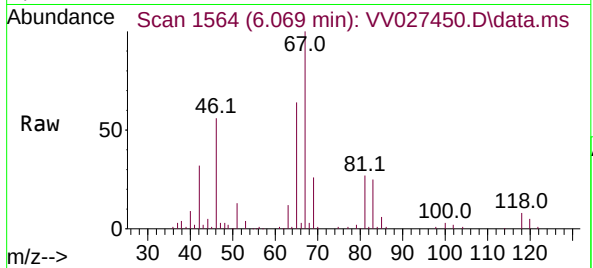




#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV027450.D
Acq: 19 Aug 2022 19:12

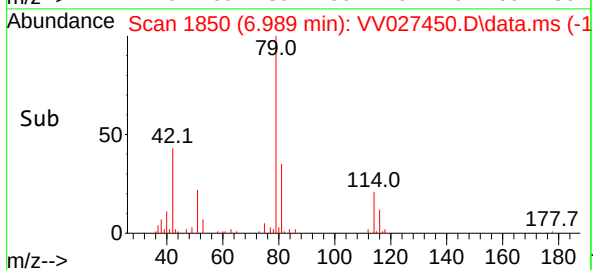
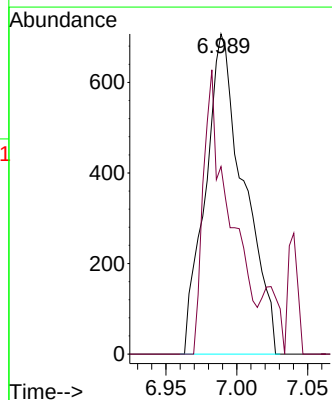
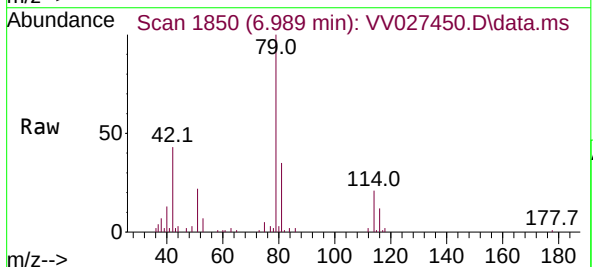
Instrument :
MSVOA_V
ClientSampleId :
C0AB8

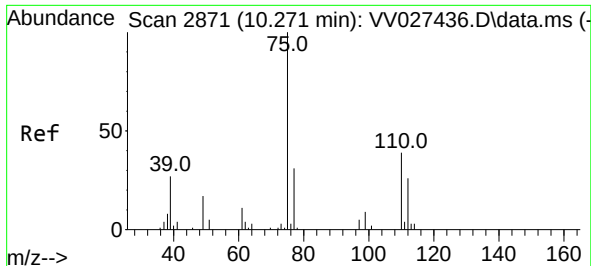
Tgt Ion: 83 Resp: 13421
Ion Ratio Lower Upper
83 100
55 0.5 68.2 102.4#
98 0.0 39.0 58.4#



#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV027450.D
Acq: 19 Aug 2022 19:12

Tgt Ion: 75 Resp: 1339
Ion Ratio Lower Upper
75 100
77 58.6 22.9 42.5#





#61

1,2,3-Trichloropropane

Concen: 1.435 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027450.D

Acq: 19 Aug 2022 19:12

Instrument :

MSVOA_V

ClientSampleId :

C0AB8

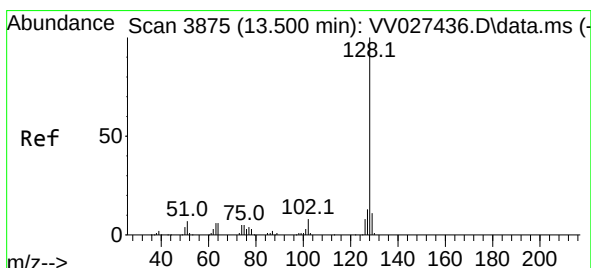
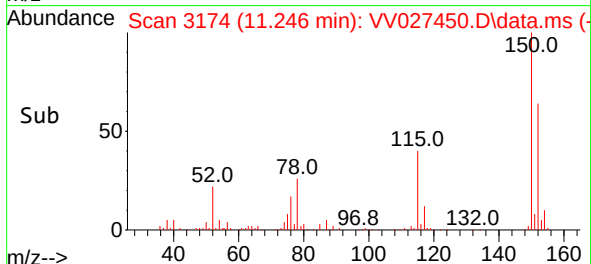
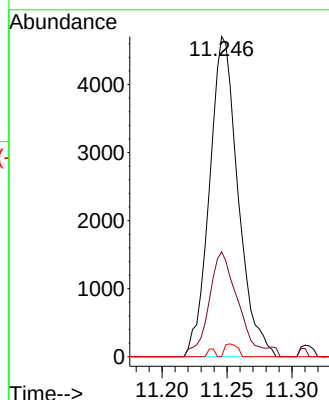
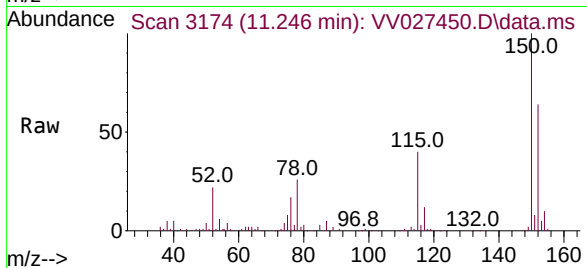
Tgt Ion: 75 Resp: 7191

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2

110 1.8 29.9 44.9#



#71

Naphthalene

Concen: 0.169 ug/L

RT: 13.516 min Scan# 3880

Delta R.T. 0.016 min

Lab File: VV027450.D

Acq: 19 Aug 2022 19:12

Tgt Ion: 128 Resp: 2345

Ion Ratio Lower Upper

128 100

129 6.5 8.7 13.1#

127 14.7 10.4 15.6

