

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
 Data File : VV023442.D
 Acq On : 12 Nov 2021 14:18
 Operator : SY/MD
 Sample : M4580-19DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:13:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

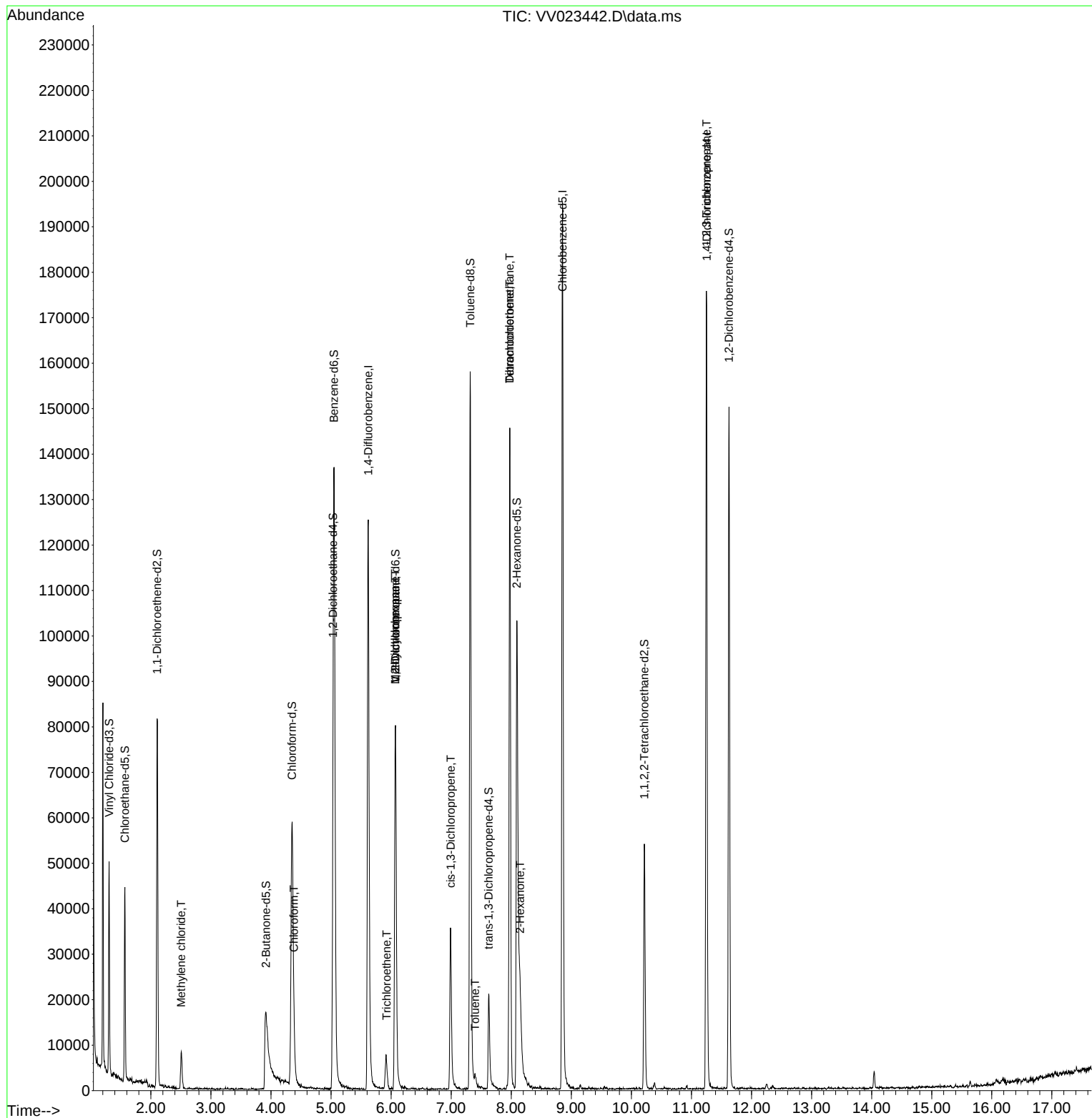
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110831	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	110479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28380	4.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.568	69	26125	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.105	63	41421	3.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.915	46	45808	38.295	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.600%
24) Chloroform-d	4.349	84	59656	4.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.034	65	31414	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.050	84	124391	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.072	67	39319	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.317	98	104448	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.625	79	13127	4.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.092	63	37994	32.637	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26127	4.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	40159	4.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.507	84	3222	0.334	ug/L	96
25) Chloroform	4.381	83	8552	0.585	ug/L	91
34) Trichloroethene	5.928	95	1718	0.209	ug/L	92
35) Methylcyclohexane	6.069	83	10046	0.775	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4147	0.575	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1086	0.105	ug/L #	73
42) Toluene	7.400	91	2066	0.063	ug/L	90
47) Tetrachloroethene	7.976	164	33061	4.646	ug/L	97
48) 2-Hexanone	8.146	43	6692	2.856	ug/L #	88
49) Dibromochloromethane	7.976	129	27660	4.215	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5157	1.591	ug/L #	65

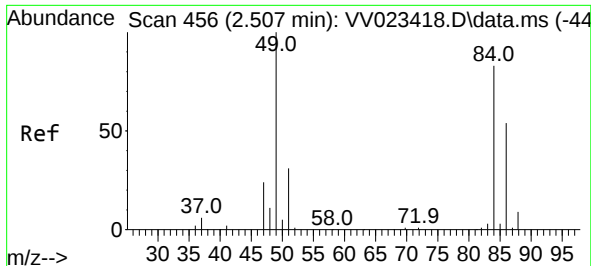
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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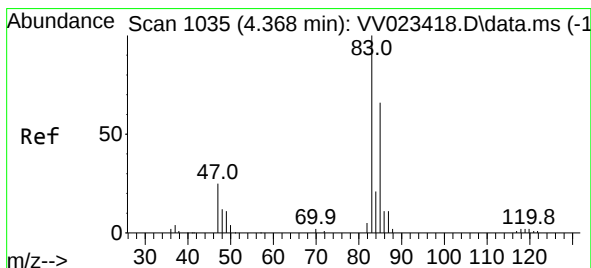
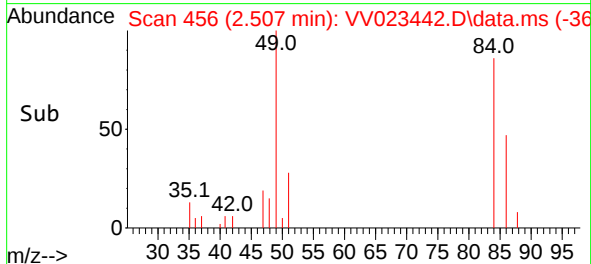
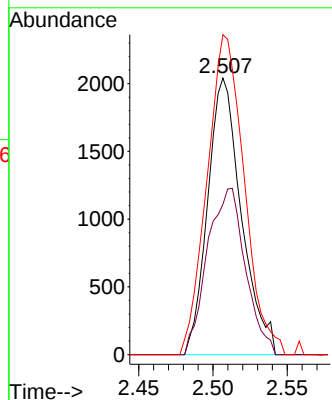
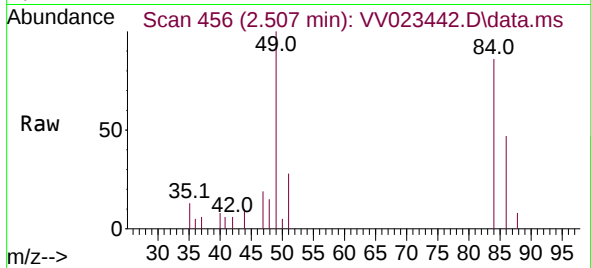




#16
Methylene chloride
Concen: 0.334 ug/L
RT: 2.507 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV023442.D
Acq: 12 Nov 2021 14:18

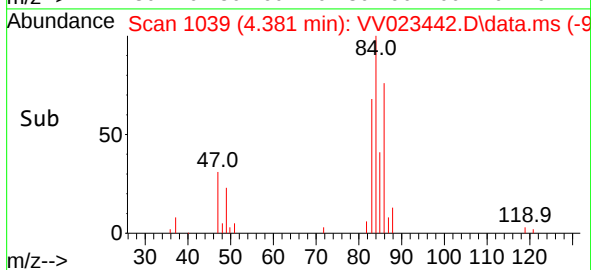
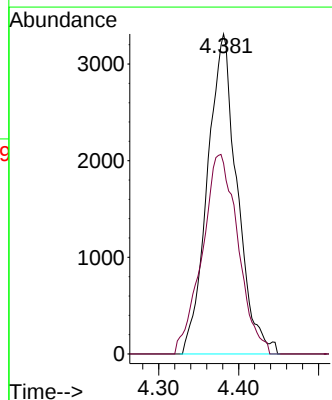
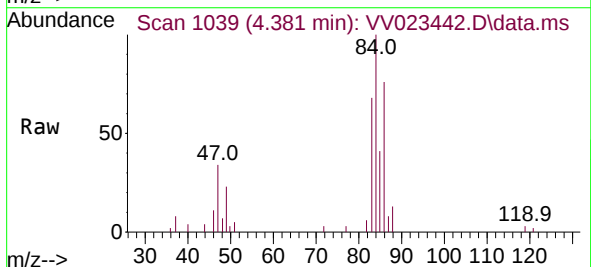
Instrument :
MSVOA_V
ClientSampleId :

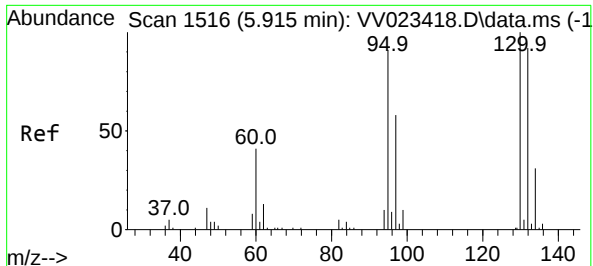
Tgt Ion: 84 Resp: 3222
Ion Ratio Lower Upper
84 100
86 54.4 42.3 78.5
49 115.7 79.7 148.1



#25
Chloroform
Concen: 0.585 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VV023442.D
Acq: 12 Nov 2021 14:18

Tgt Ion: 83 Resp: 8552
Ion Ratio Lower Upper
83 100
85 59.6 46.8 86.8



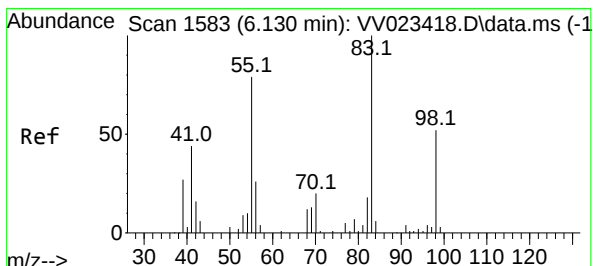
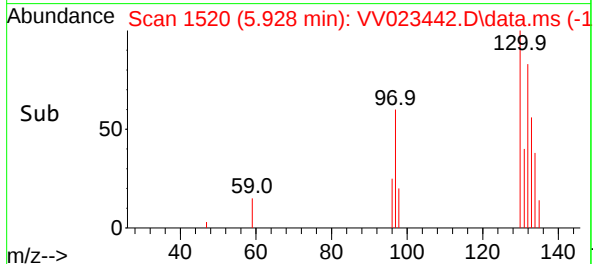
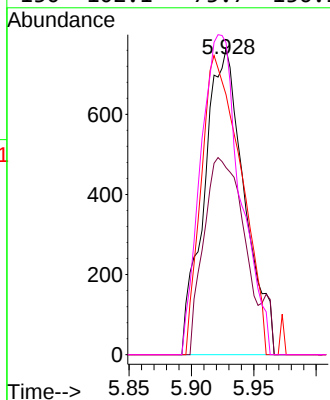
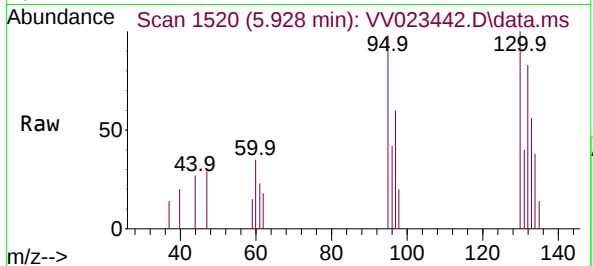


#34
Trichloroethene
Concen: 0.209 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023442.D
Acq: 12 Nov 2021 14:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 1718

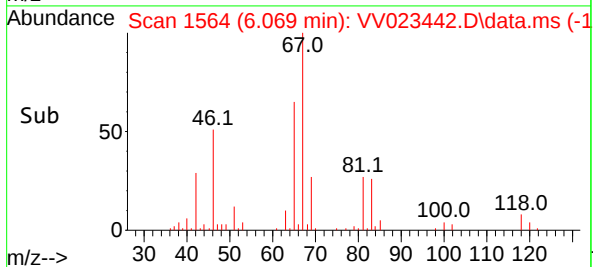
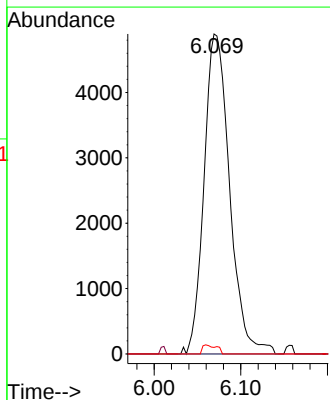
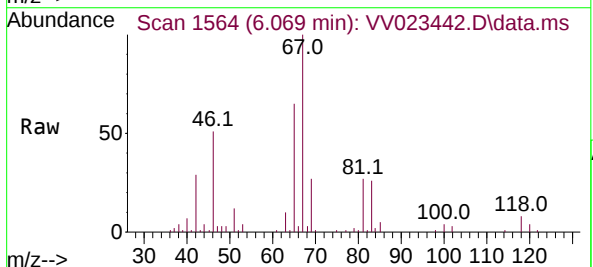
Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.0	83.6
132	85.1	69.7	129.4
130	102.1	73.7	136.9

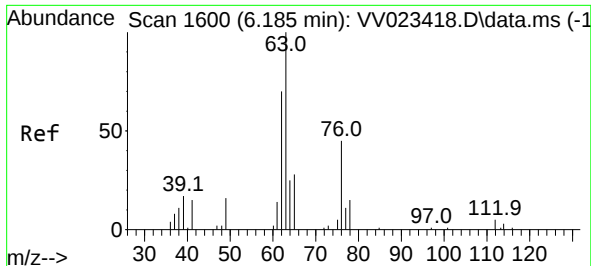


#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023442.D
Acq: 12 Nov 2021 14:18

Tgt Ion: 83 Resp: 10046

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.8	94.2#
98	1.6	37.9	56.9#

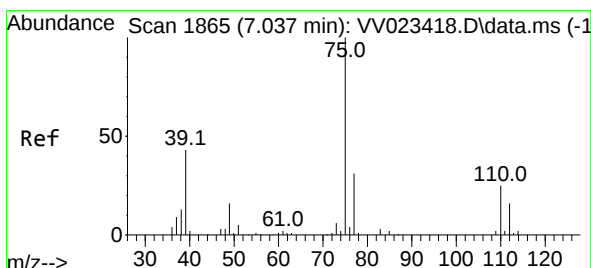
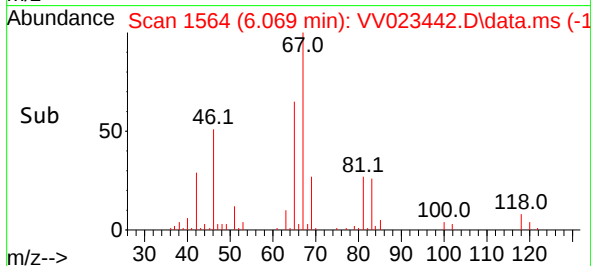
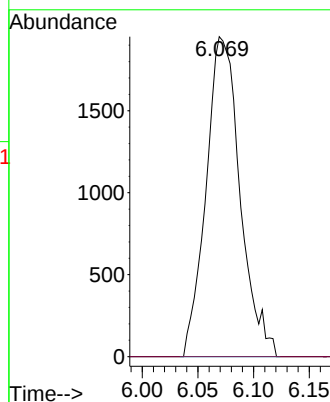
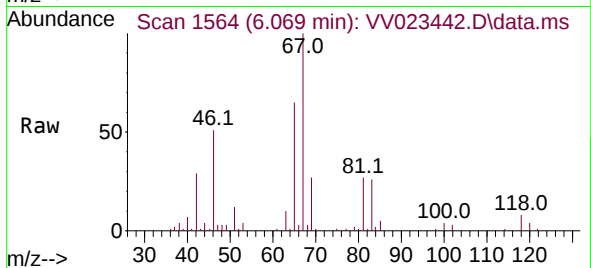




#37
 1,2-Dichloropropane
 Concen: 0.575 ug/L
 RT: 6.069 min Scan# 11
 Delta R.T. -0.116 min
 Lab File: VV023442.D
 Acq: 12 Nov 2021 14:18

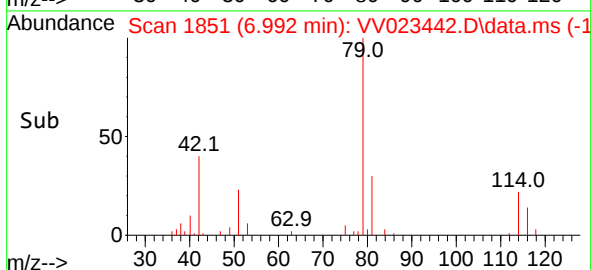
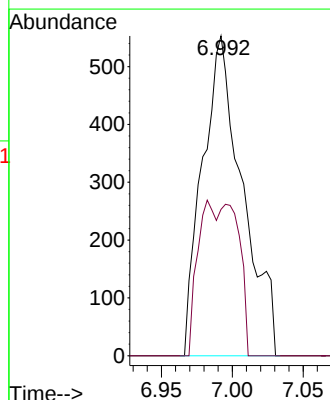
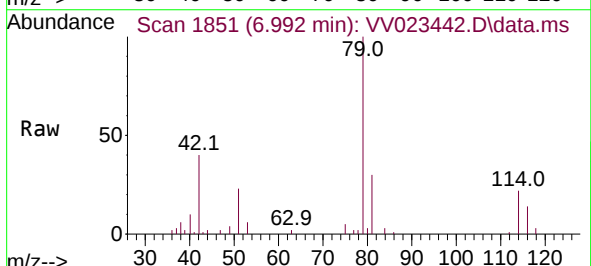
Instrument :
 MSVOA_V
 ClientSampleId :

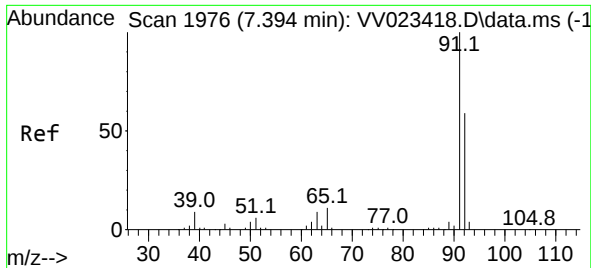
Tgt Ion: 63 Resp: 4147
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.045 min
 Lab File: VV023442.D
 Acq: 12 Nov 2021 14:18

Tgt Ion: 75 Resp: 1086
 Ion Ratio Lower Upper
 75 100
 77 45.8 21.6 40.2#





#42

Toluene

Concen: 0.063 ug/L

RT: 7.400 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV023442.D

Acq: 12 Nov 2021 14:18

Instrument :

MSVOA_V

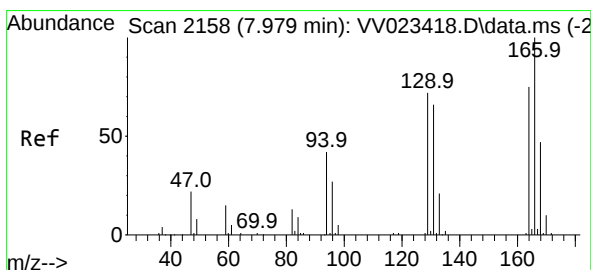
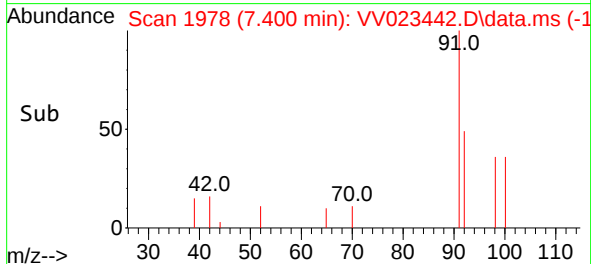
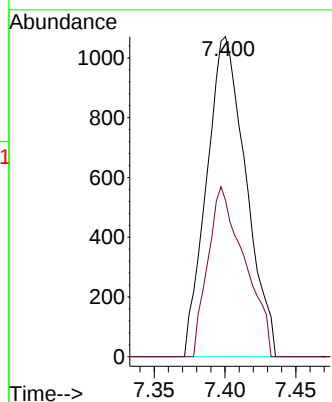
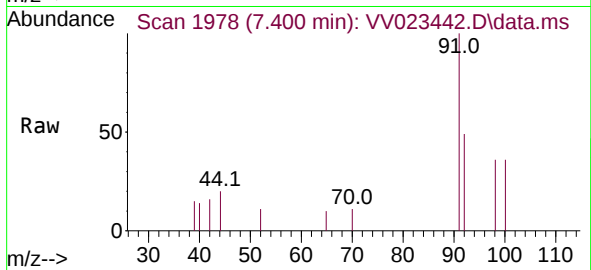
ClientSampleId :

Tgt Ion: 91 Resp: 2066

Ion Ratio Lower Upper

91 100

92 48.9 39.3 72.9



#47

Tetrachloroethene

Concen: 4.646 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV023442.D

Acq: 12 Nov 2021 14:18

Tgt Ion: 164 Resp: 33061

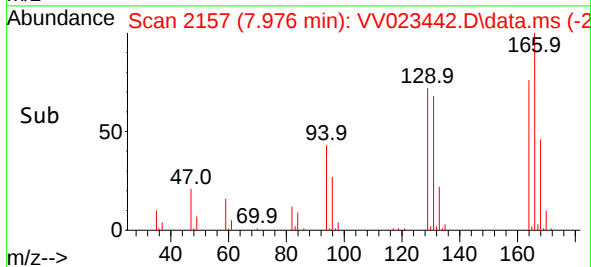
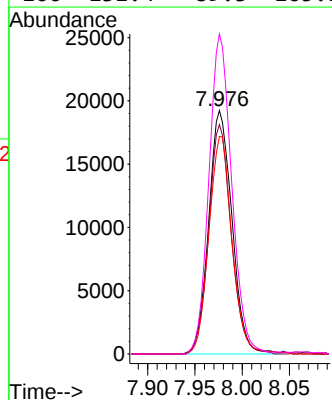
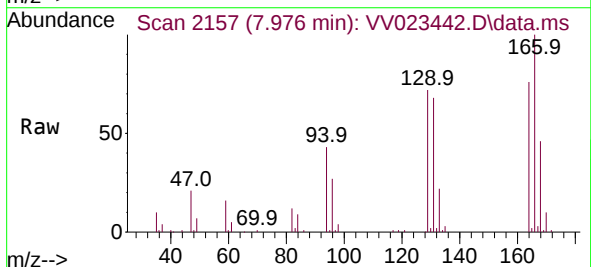
Ion Ratio Lower Upper

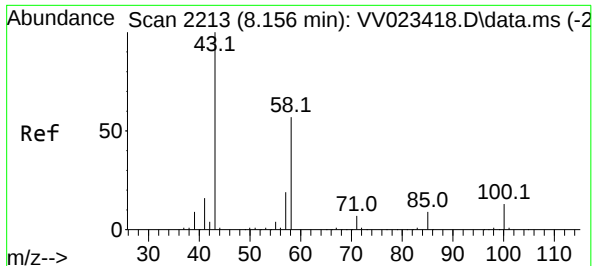
164 100

129 94.3 64.0 119.0

131 89.4 63.4 117.8

166 131.4 89.3 165.9

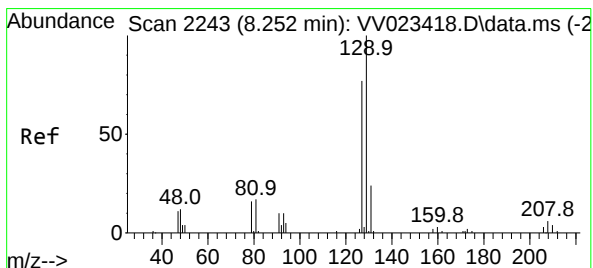
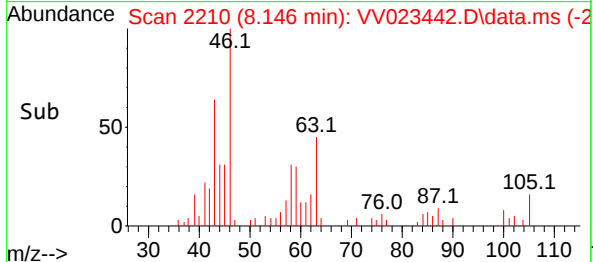
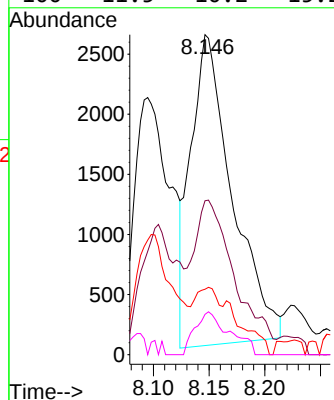
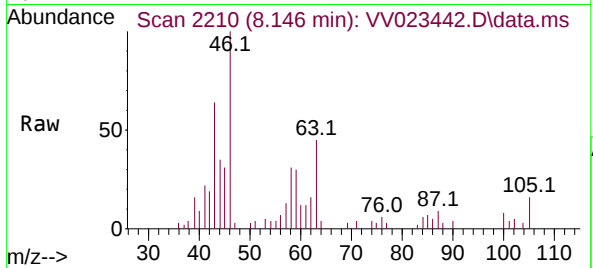




#48
2-Hexanone
Concen: 2.856 ug/L
RT: 8.146 min Scan# 2157
Delta R.T. -0.010 min
Lab File: VV023442.D
Acq: 12 Nov 2021 14:18

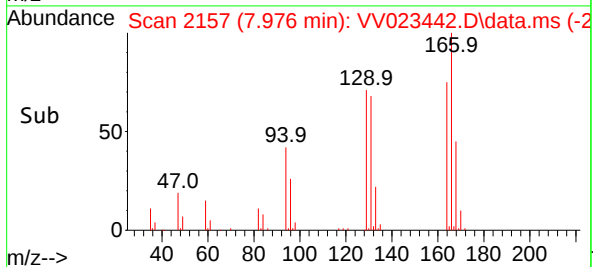
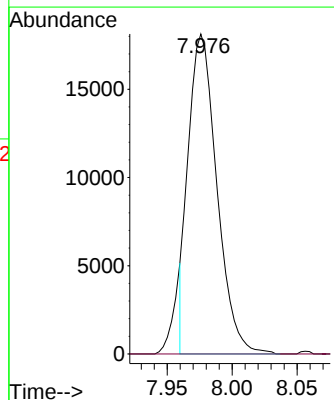
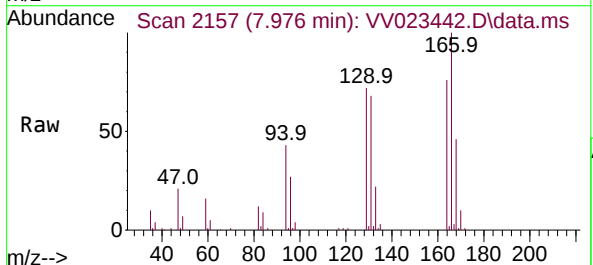
Instrument :
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ClientSampleId :

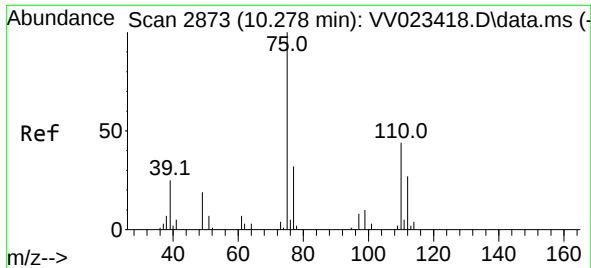
Tgt Ion: 43	Resp: 6692
Ion Ratio	Lower Upper
43 100	
58 49.1	43.7 65.5
57 4.0	14.1 21.1#
100 11.5	10.2 15.2



#49
Dibromochloromethane
Concen: 4.215 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.276 min
Lab File: VV023442.D
Acq: 12 Nov 2021 14:18

Tgt Ion:129	Resp:	27660	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.591 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.971 min

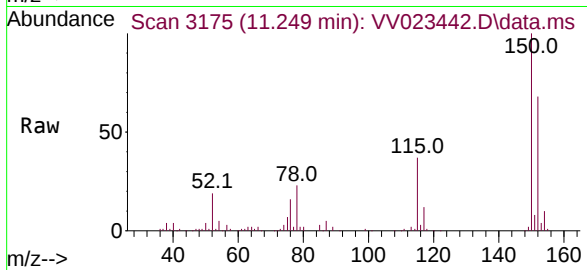
Lab File: VV023442.D

Acq: 12 Nov 2021 14:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5157

Ion Ratio Lower Upper

75 100

77 35.6 26.6 39.8

110 2.4 31.8 47.6#

