

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050422\
 Data File : VV025839.D
 Acq On : 04 May 2022 11:00
 Operator : SY/MD
 Sample : VV0504WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 04:56:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 05 04:55:53 2022
 Response via : Initial Calibration

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

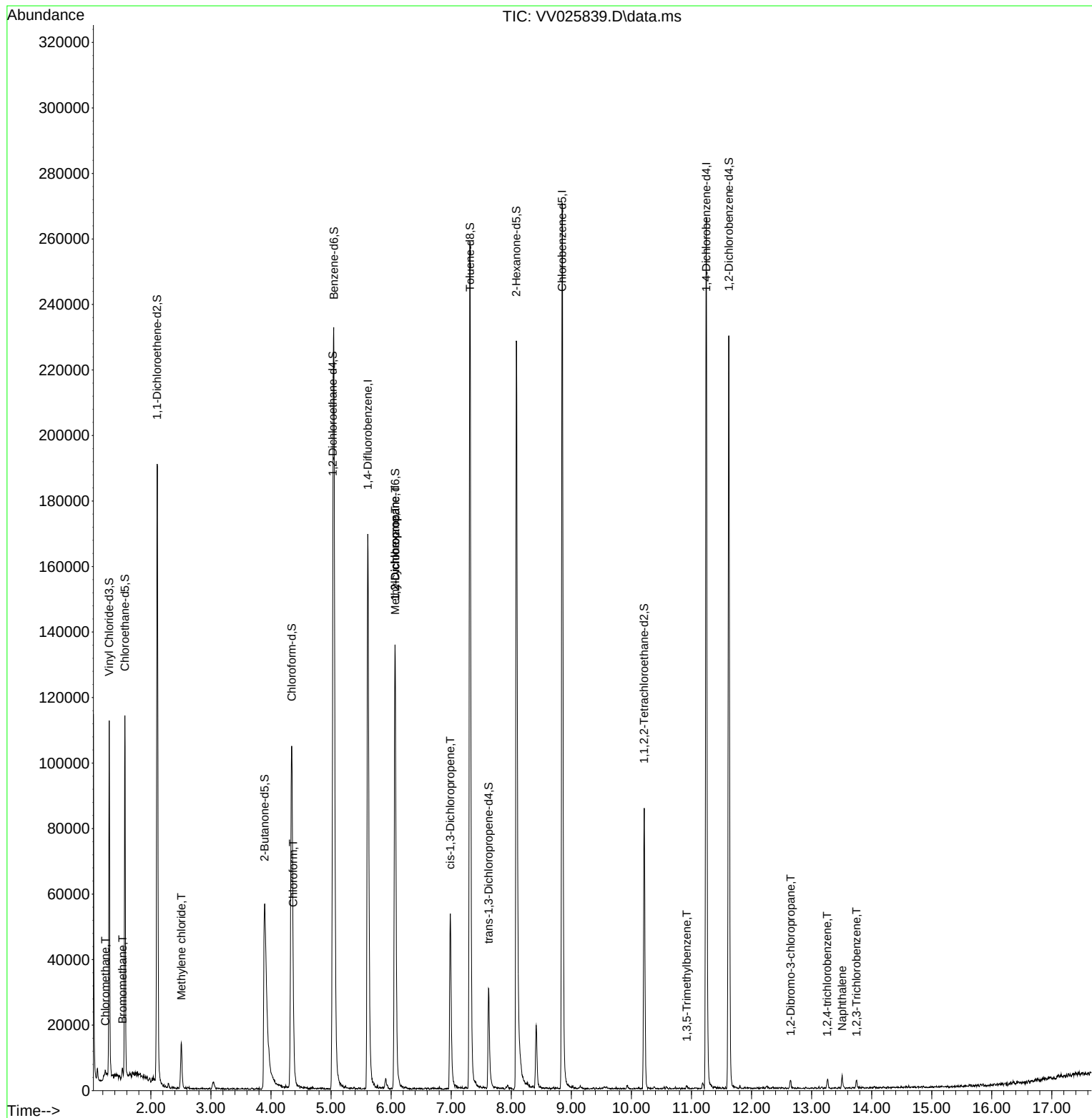
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	148267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	149557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68949	4.243	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.568	69	65471	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.105	63	101393	3.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.892	46	99498	44.737	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.480%
24) Chloroform-d	4.346	84	110935	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.031	65	51425	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.047	84	216561	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.066	67	65394	4.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.313	98	177851	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.622	79	18825	4.210	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.085	63	79529	45.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41205	4.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	56581	4.749	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1294	0.064	ug/L	94
6) Bromomethane	1.526	94	1089	0.099	ug/L	97
16) Methylene chloride	2.510	84	5900	0.426	ug/L	99
25) Chloroform	4.368	83	2151	0.092	ug/L #	64
35) Methylcyclohexane	6.069	83	15485	0.762	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	7476	0.614	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1539	0.103	ug/L #	79
62) 1,3,5-Trimethylbenzene	10.921	105	655	0.033	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.651	75	186	0.183	ug/L #	2
70) 1,2,4-trichlorobenzene	13.259	180	1116	0.095	ug/L #	91
71) Naphthalene	13.509	128	3060	0.183	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	928	0.097	ug/L #	95

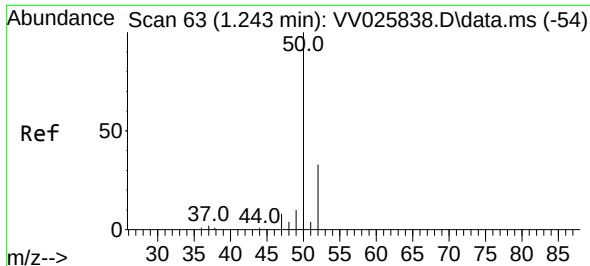
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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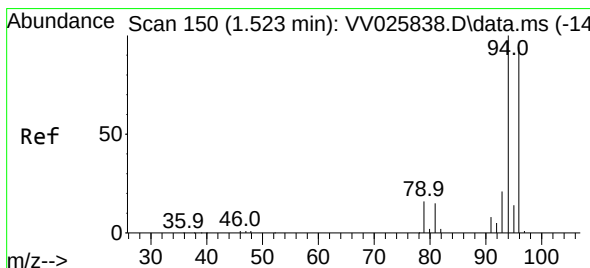
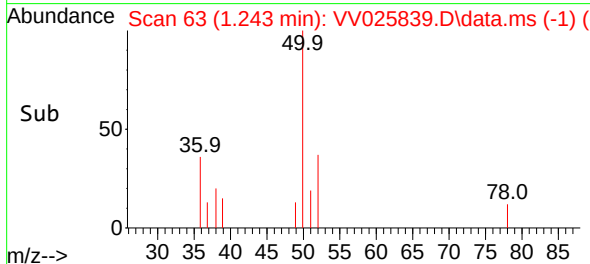
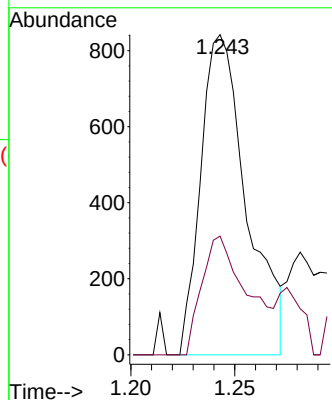
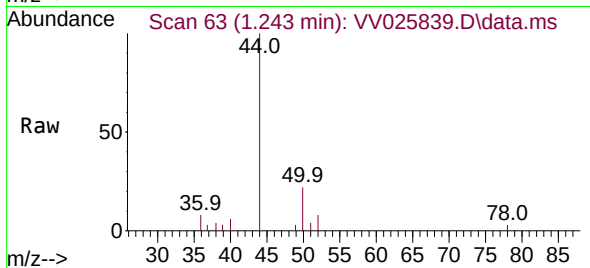




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025839.D
Acq: 04 May 2022 11:00

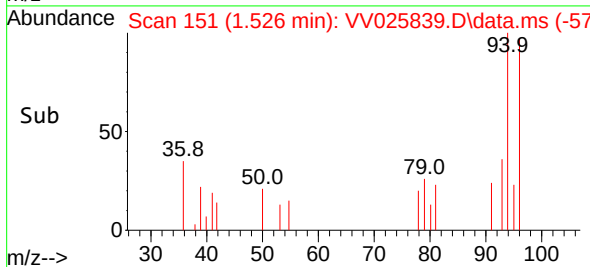
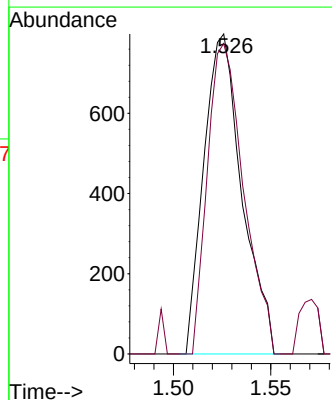
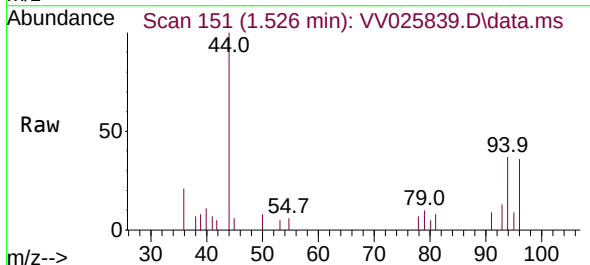
Instrument :
MSVOA_V
ClientSampleId :

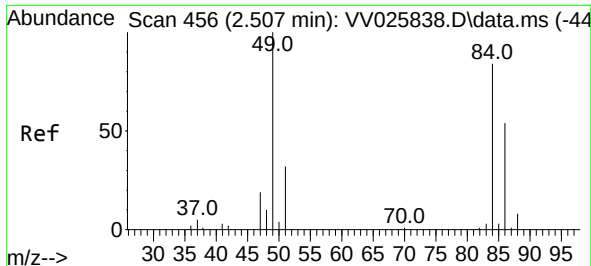
Tgt Ion: 50 Resp: 1294
Ion Ratio Lower Upper
50 100
52 37.1 23.7 43.9



#6
Bromomethane
Concen: 0.099 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV025839.D
Acq: 04 May 2022 11:00

Tgt Ion: 94 Resp: 1089
Ion Ratio Lower Upper
94 100
96 97.0 66.1 122.7

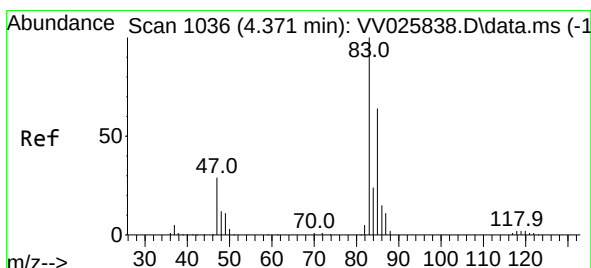
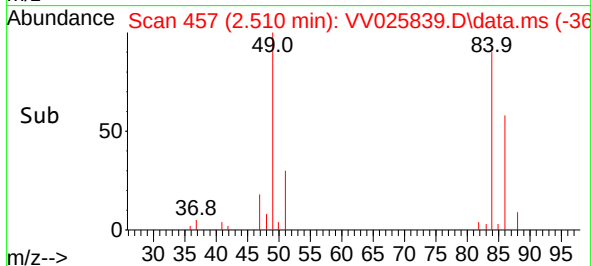
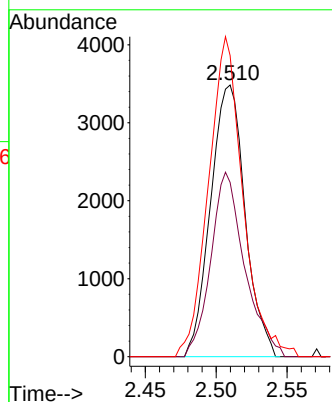
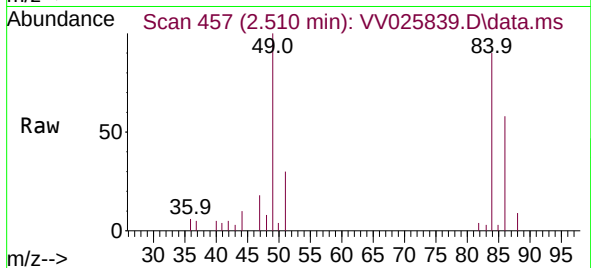




#16
Methylene chloride
Concen: 0.426 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025839.D
Acq: 04 May 2022 11:00

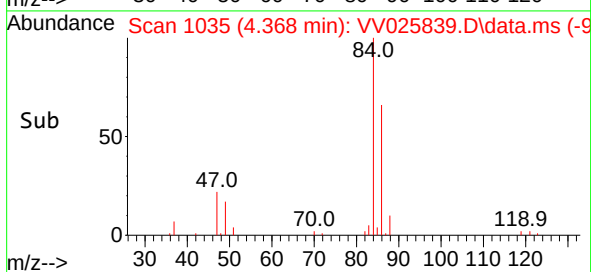
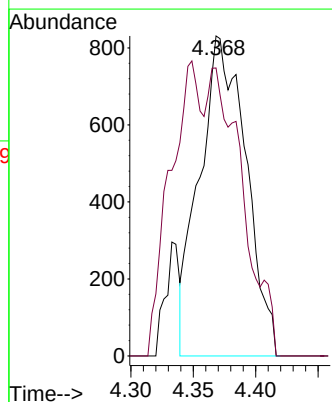
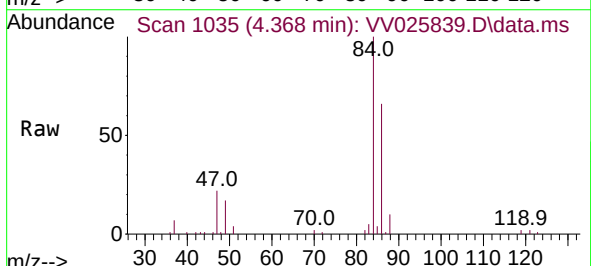
Instrument :
MSVOA_V
ClientSampleId :

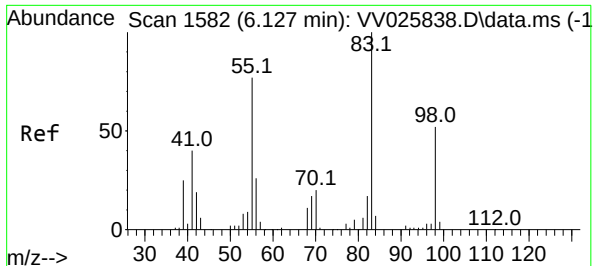
Tgt Ion: 84 Resp: 5900
Ion Ratio Lower Upper
84 100
86 64.2 45.9 85.3
49 110.8 76.6 142.3



#25
Chloroform
Concen: 0.092 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV025839.D
Acq: 04 May 2022 11:00

Tgt Ion: 83 Resp: 2151
Ion Ratio Lower Upper
83 100
85 90.0 43.5 80.7#





#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025839.D

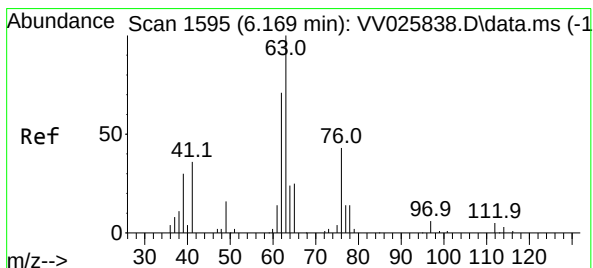
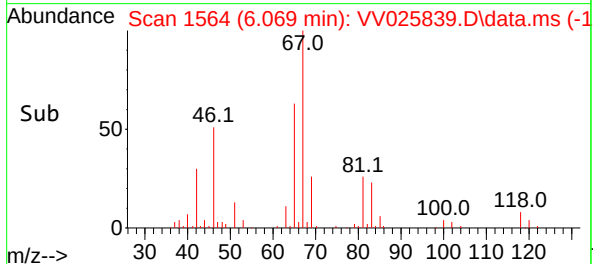
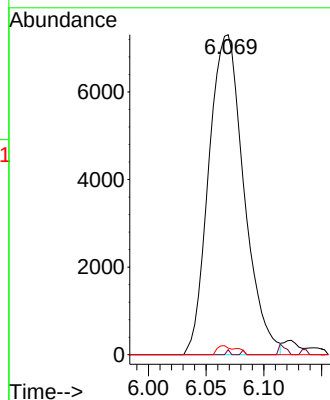
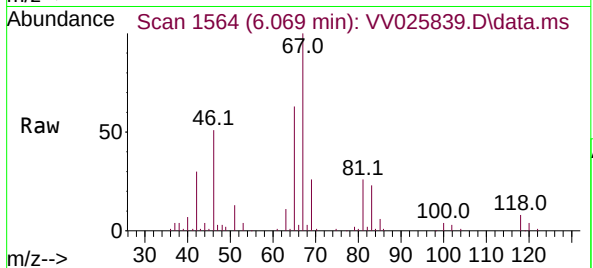
Acq: 04 May 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 15485
Ion Ratio	Lower Upper
83 100	
55 0.1	53.7 80.5#
98 1.5	39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.614 ug/L

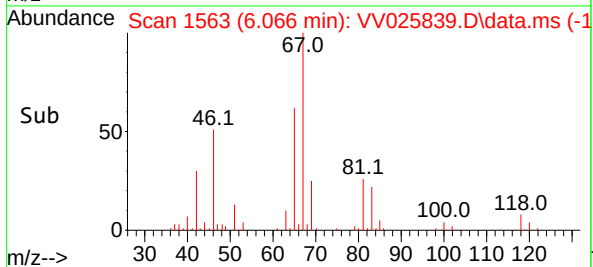
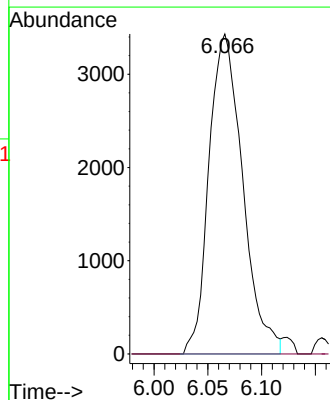
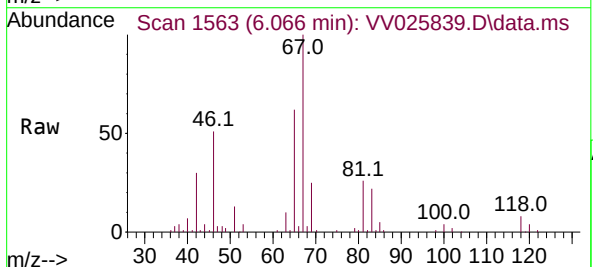
RT: 6.066 min Scan# 1563

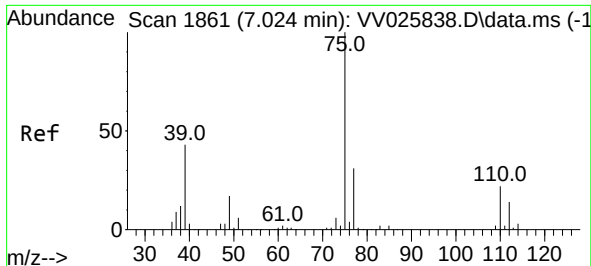
Delta R.T. -0.103 min

Lab File: VV025839.D

Acq: 04 May 2022 11:00

Tgt Ion: 63	Resp: 7476
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025839.D

Acq: 04 May 2022 11:00

Instrument :

MSVOA_V

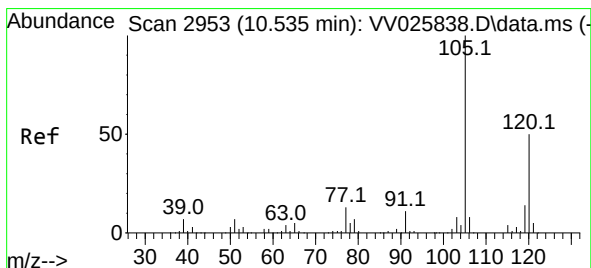
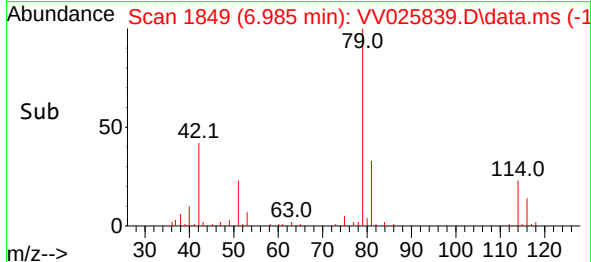
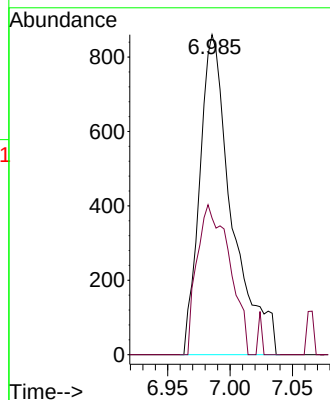
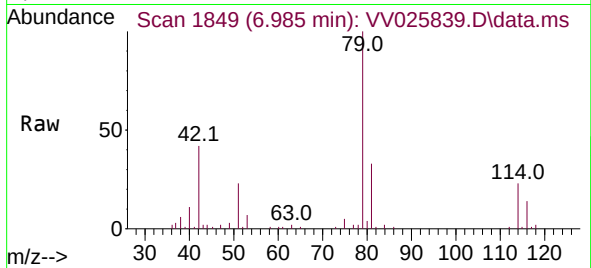
ClientSampleId :

Tgt Ion: 75 Resp: 1539

Ion Ratio Lower Upper

75 100

77 42.7 21.8 40.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.033 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.386 min

Lab File: VV025839.D

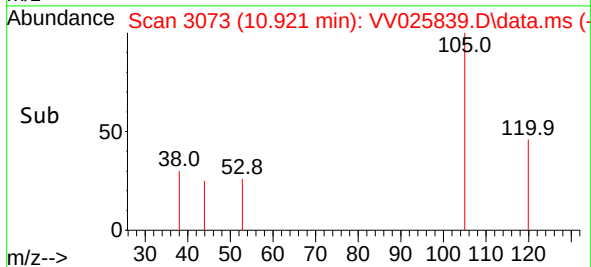
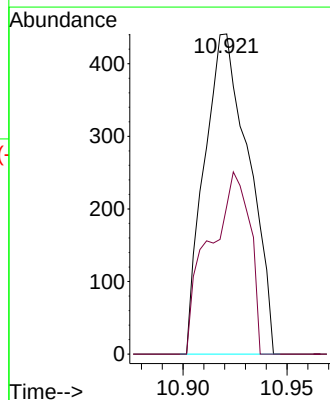
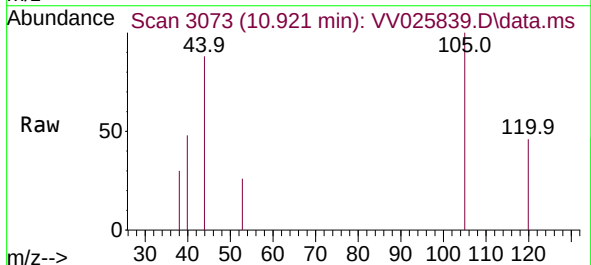
Acq: 04 May 2022 11:00

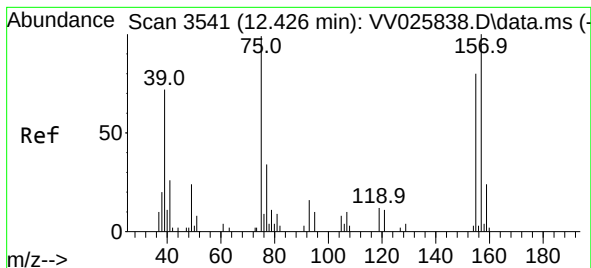
Tgt Ion: 105 Resp: 655

Ion Ratio Lower Upper

105 100

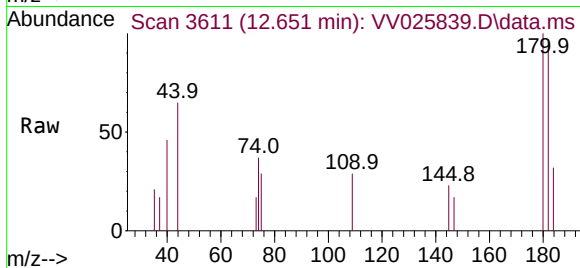
120 51.9 39.6 59.4



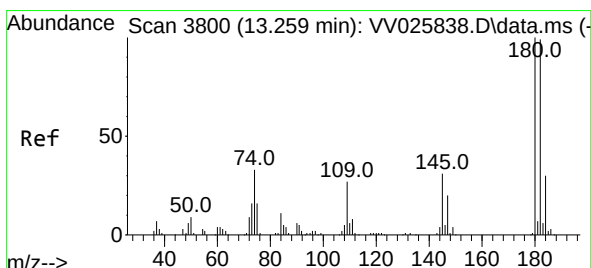
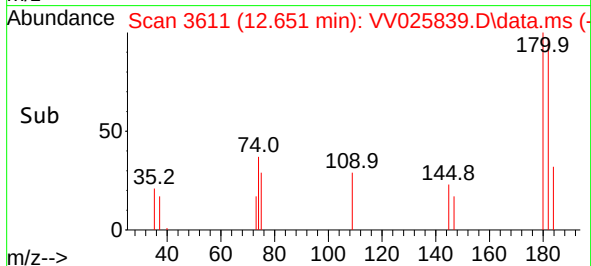
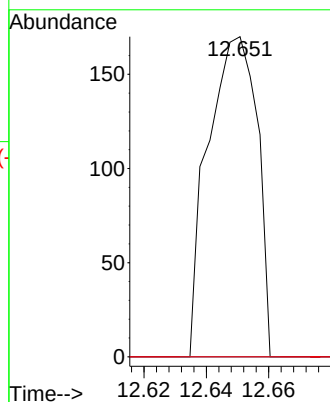


#68
1,2-Dibromo-3-chloropropane
Concen: 0.183 ug/L
RT: 12.651 min Scan# 30
Delta R.T. 0.225 min
Lab File: VV025839.D
Acq: 04 May 2022 11:00

Instrument :
MSVOA_V
ClientSampleId :

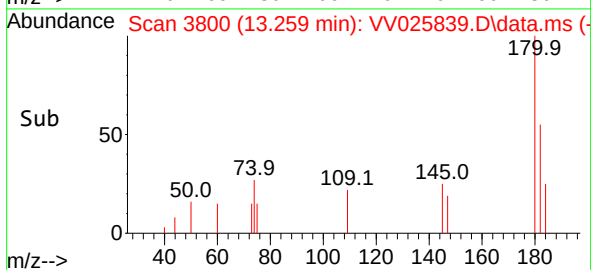
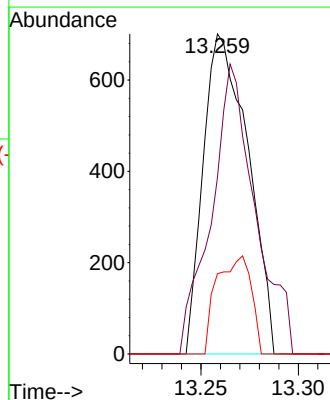
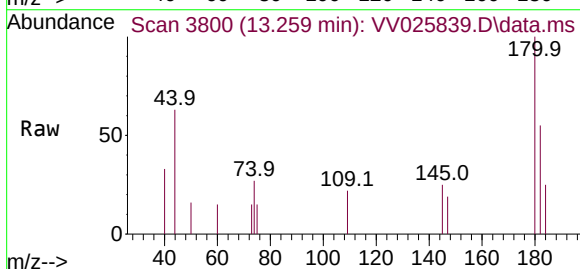


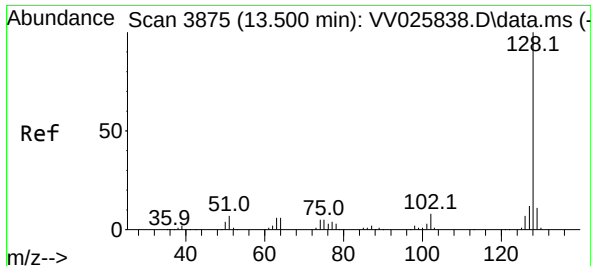
Tgt Ion: 75 Resp: 186
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#



#70
1,2,4-trichlorobenzene
Concen: 0.095 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025839.D
Acq: 04 May 2022 11:00

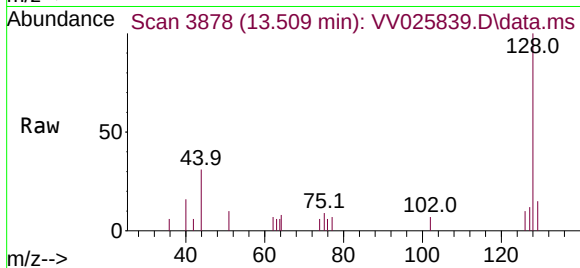
Tgt Ion:180 Resp: 1116
Ion Ratio Lower Upper
180 100
182 88.8 76.6 114.8
145 23.6 24.6 36.8#



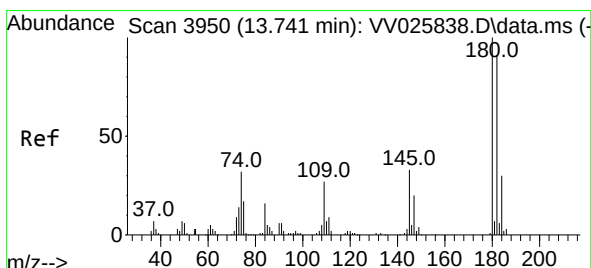
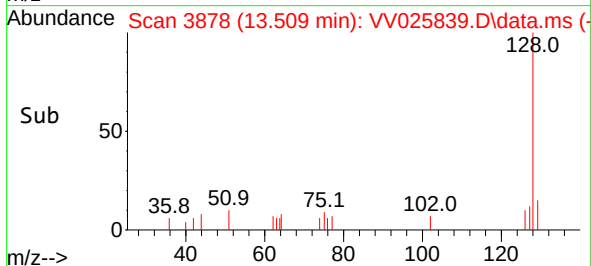
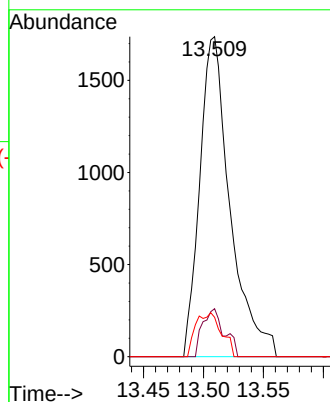


#71
Naphthalene
Concen: 0.183 ug/L
RT: 13.509 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV025839.D
Acq: 04 May 2022 11:00

Instrument :
MSVOA_V
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Tgt Ion:128 Resp: 3060
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 11.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.097 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV025839.D
Acq: 04 May 2022 11:00

Tgt Ion:180 Resp: 928
Ion Ratio Lower Upper
180 100
182 94.8 77.7 116.5
145 27.4 27.4 41.2#

