

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061422\
 Data File : VV026248.D
 Acq On : 14 Jun 2022 20:31
 Operator : SY/MD
 Sample : VV0614WBL02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK372

Quant Time: Jun 15 09:39:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 07:11:20 2022
 Response via : Initial Calibration

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

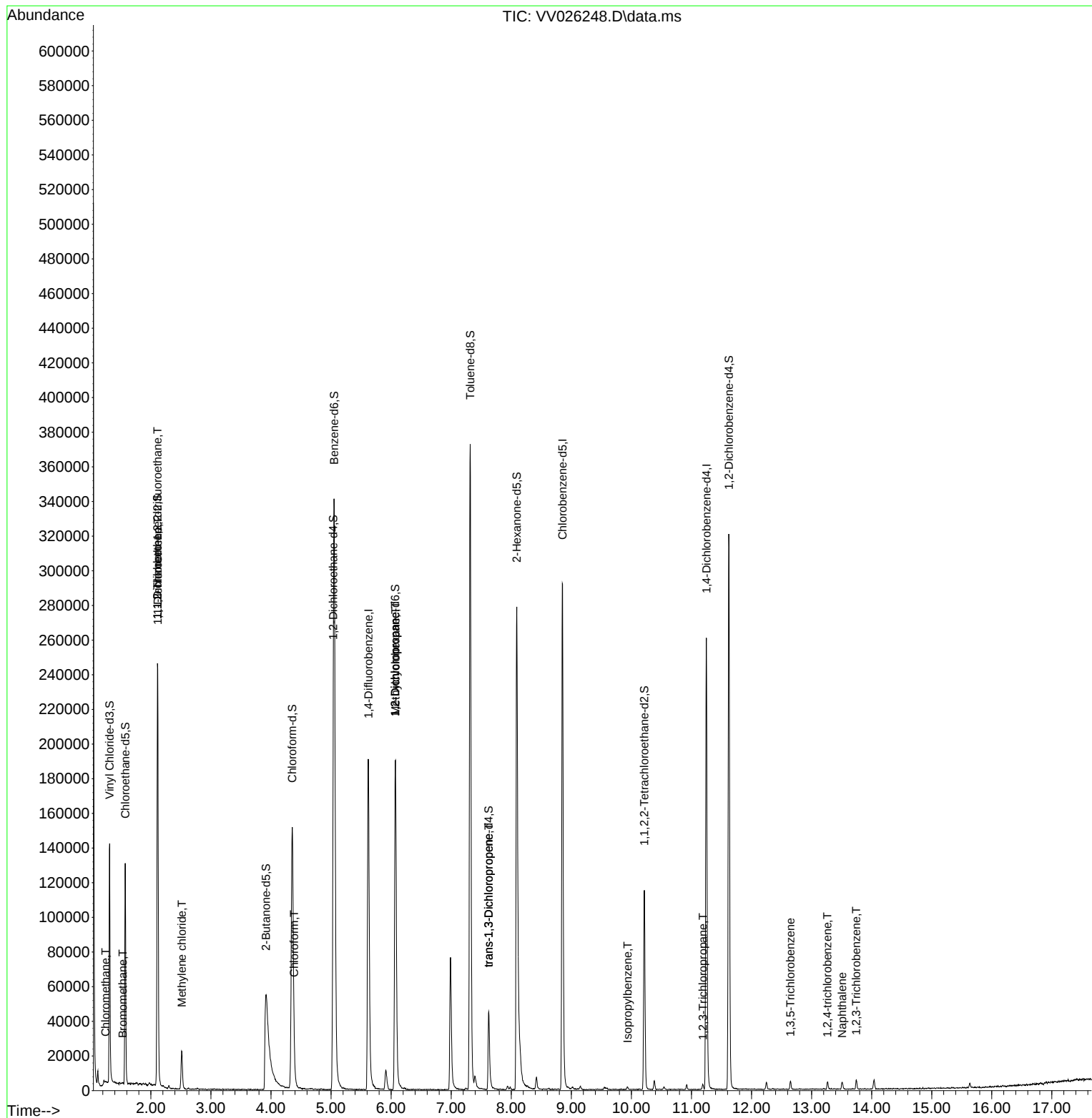
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	178165	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	168545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71957	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	95195	4.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.574	69	83151	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.111	63	129004	3.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.915	46	135804	78.128	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	156.260%#
24) Chloroform-d	4.355	84	159597	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.037	65	72657	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.053	84	319295	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.069	67	97058	5.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.317	98	253496	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	28215	4.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.092	63	99674	55.974	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	57760	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	85504	5.301	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	736	0.041	ug/L #	77
6) Bromomethane	1.532	94	557	0.051	ug/L #	71
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1406	0.099	ug/L #	24
12) 1,1-Dichloroethene	2.114	96	1169	0.086	ug/L #	1
16) Methylene chloride	2.516	84	9462	0.674	ug/L	96
25) Chloroform	4.384	83	6357	0.243	ug/L	98
35) Methylcyclohexane	6.072	83	23413	1.258	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	10053	0.761	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1302	0.112	ug/L	86
60) Isopropylbenzene	9.937	105	1486	0.032	ug/L #	78
61) 1,2,3-Trichloropropane	11.191	75	382	0.069	ug/L #	55
69) 1,3,5-Trichlorobenzene	12.648	180	1684	0.107	ug/L	89
70) 1,2,4-trichlorobenzene	13.265	180	1617	0.142	ug/L #	85
71) Naphthalene	13.509	128	4599	0.290	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	1819	0.194	ug/L #	89

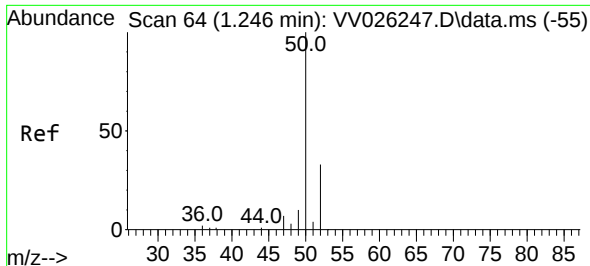
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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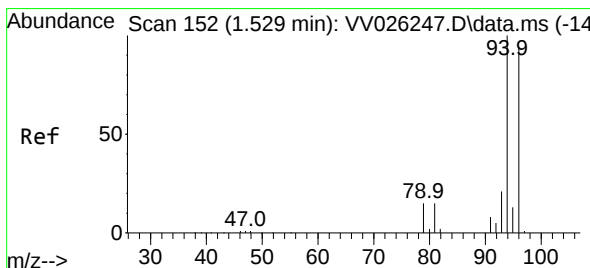
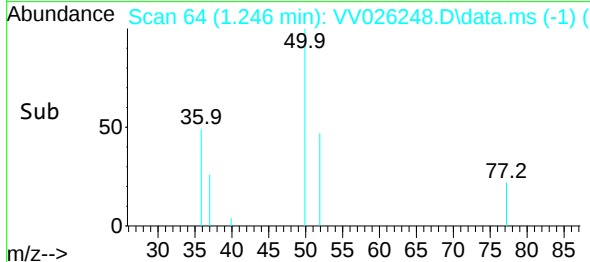
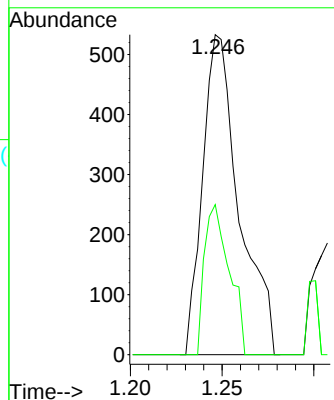
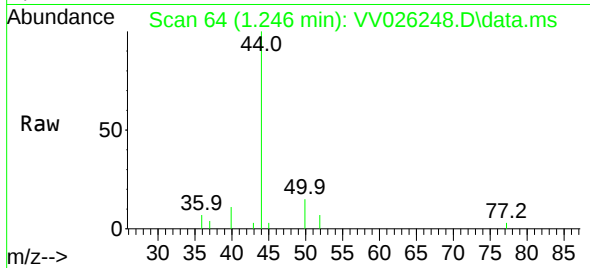




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV026248.D
Acq: 14 Jun 2022 20:31

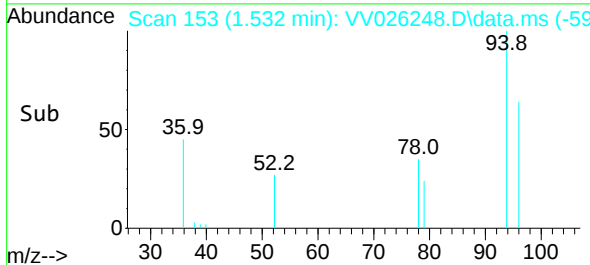
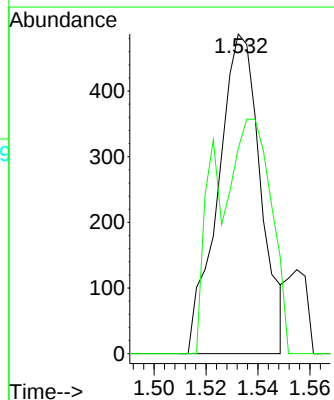
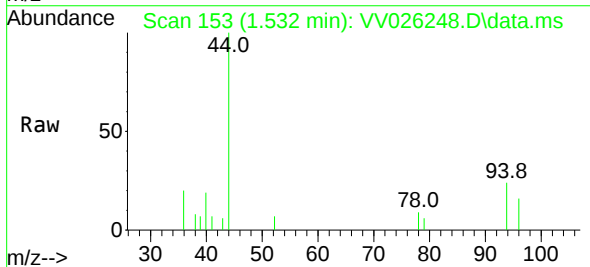
Instrument :
MSVOA_V
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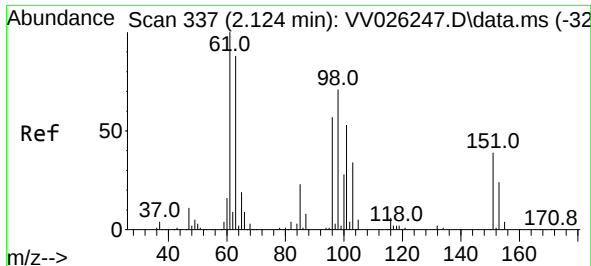
Tgt Ion: 50 Resp: 736
Ion Ratio Lower Upper
50 100
52 46.9 23.6 43.8#



#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.003 min
Lab File: VV026248.D
Acq: 14 Jun 2022 20:31

Tgt Ion: 94 Resp: 557
Ion Ratio Lower Upper
94 100
96 64.3 64.5 119.7#

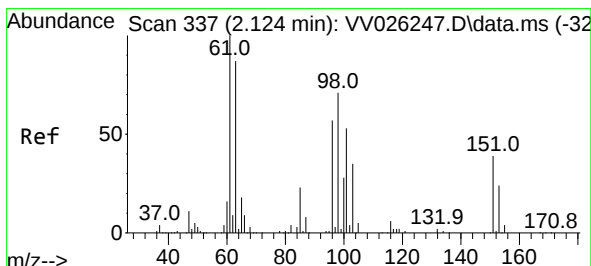
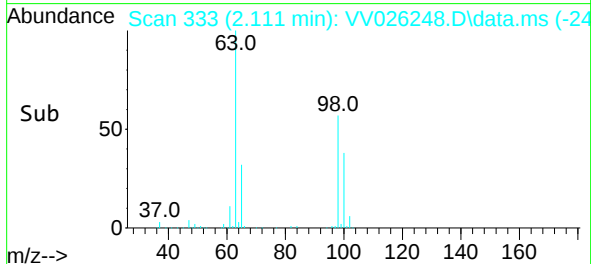
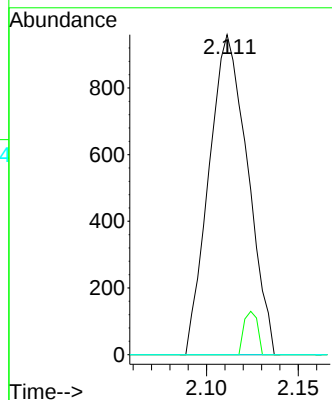
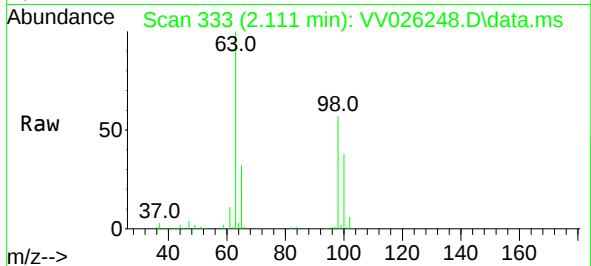




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.099 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VV026248.D
 Acq: 14 Jun 2022 20:31

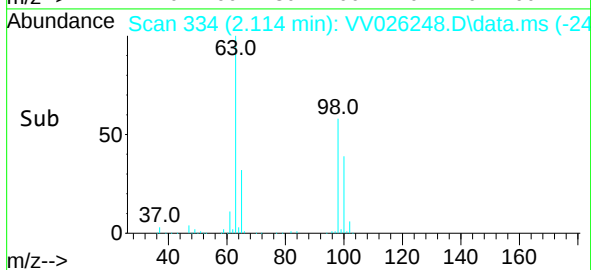
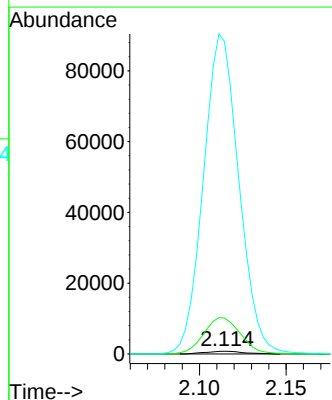
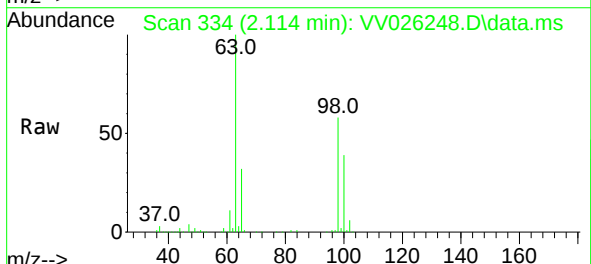
Instrument :
 MSVOA_V
 ClientSampleId :
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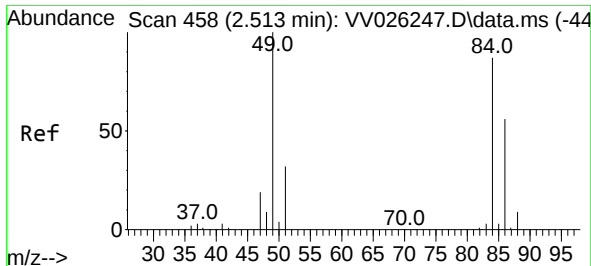
Tgt Ion:101 Resp: 1406
 Ion Ratio Lower Upper
 101 100
 85 4.8 35.3 52.9#
 151 0.0 56.5 84.7#



#12
 1,1-Dichloroethene
 Concen: 0.086 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.009 min
 Lab File: VV026248.D
 Acq: 14 Jun 2022 20:31

Tgt Ion: 96 Resp: 1169
 Ion Ratio Lower Upper
 96 100
 61 1324.1 120.5 223.7#
 63 11537.8 129.3 240.1#

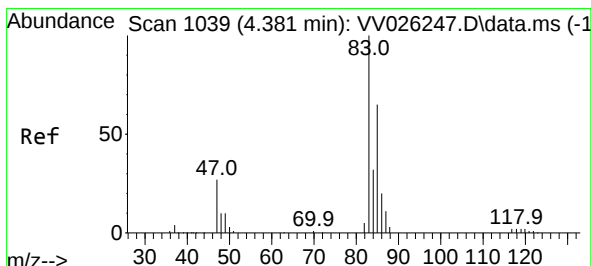
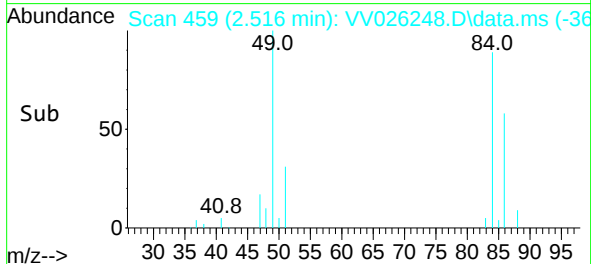
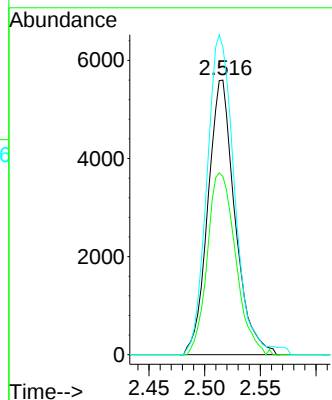
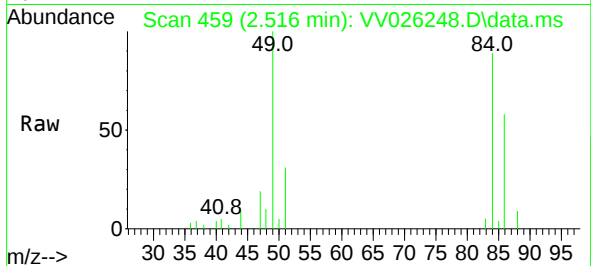




#16
Methylene chloride
Concen: 0.674 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026248.D
Acq: 14 Jun 2022 20:31

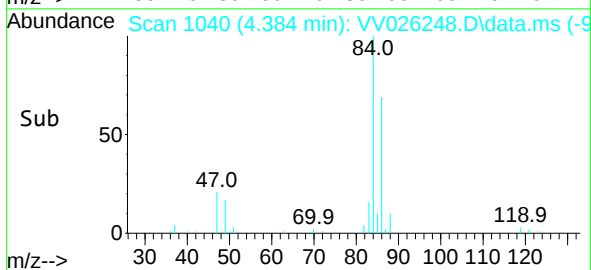
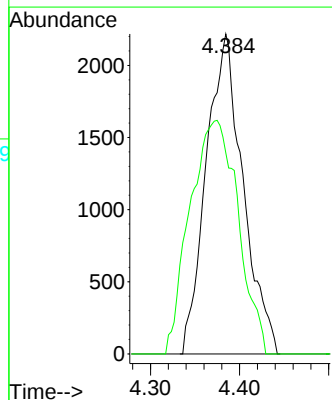
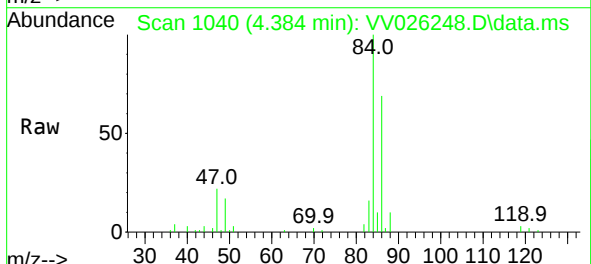
Instrument :
MSVOA_V
ClientSampleId :
VBLK372

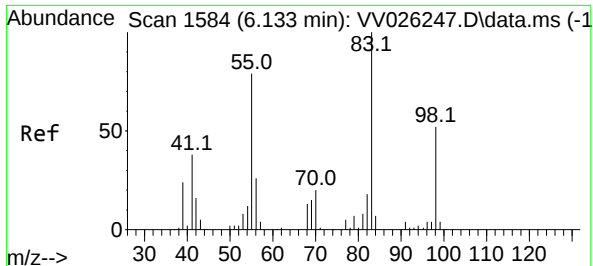
Tgt Ion: 84 Resp: 9462
Ion Ratio Lower Upper
84 100
86 65.0 45.1 83.7
49 111.9 82.3 152.9



#25
Chloroform
Concen: 0.243 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.003 min
Lab File: VV026248.D
Acq: 14 Jun 2022 20:31

Tgt Ion: 83 Resp: 6357
Ion Ratio Lower Upper
83 100
85 62.8 45.3 84.1





#35

Methylcyclohexane

Concen: 1.258 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV026248.D

Acq: 14 Jun 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

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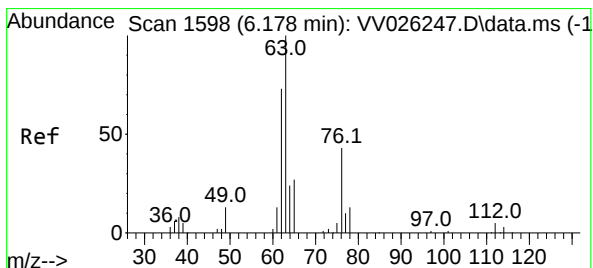
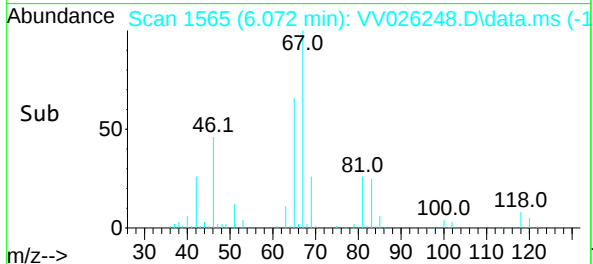
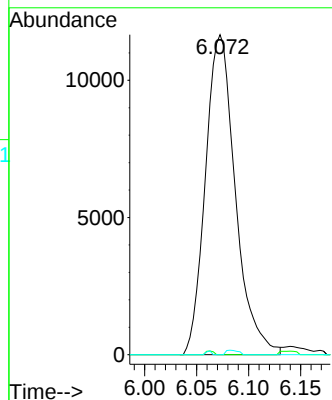
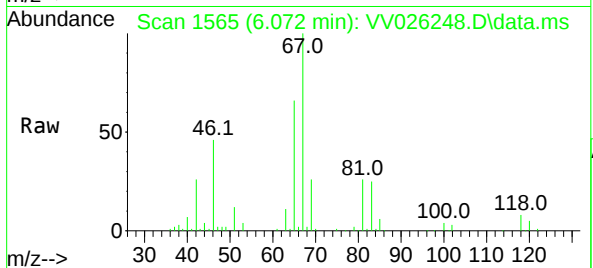
Tgt Ion: 83 Resp: 23413

Ion Ratio Lower Upper

83 100

55 0.3 59.5 89.3#

98 0.6 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.761 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.109 min

Lab File: VV026248.D

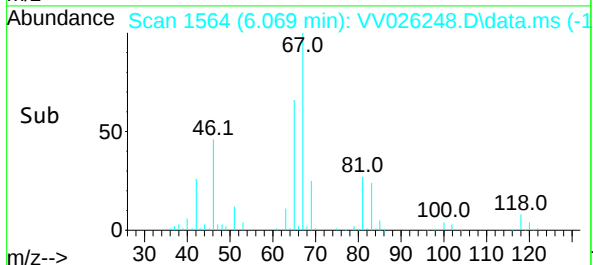
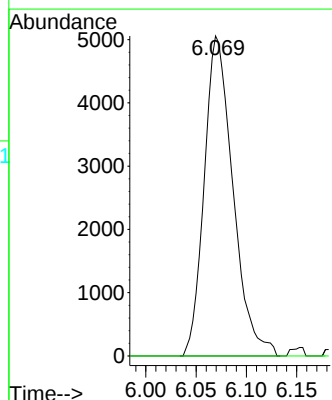
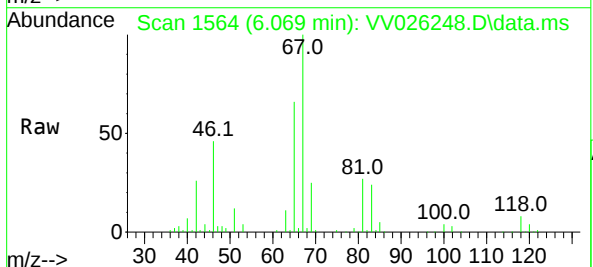
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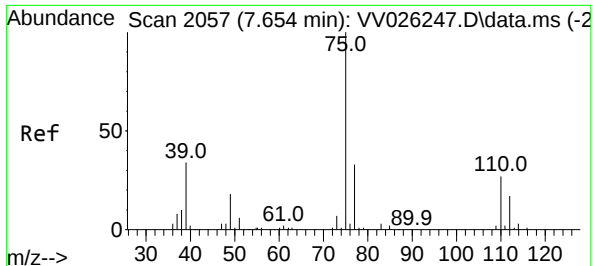
Tgt Ion: 63 Resp: 10053

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

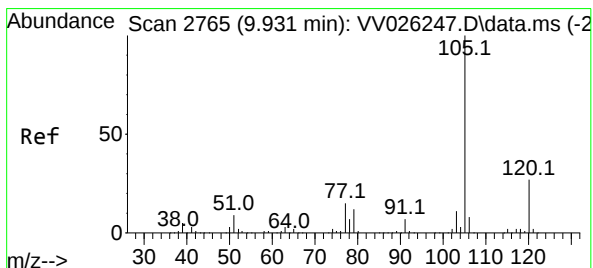
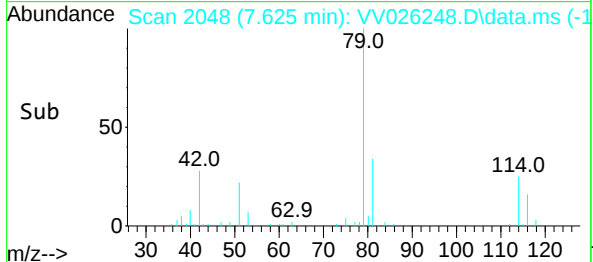
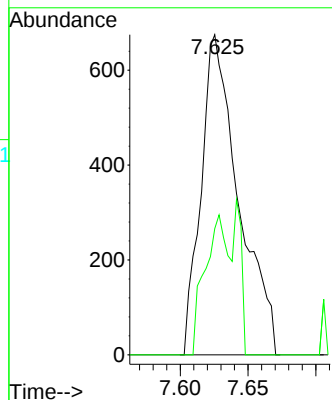
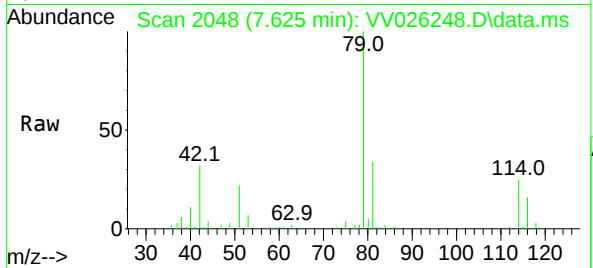




#44
trans-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.625 min Scan# 2057
Delta R.T. -0.029 min
Lab File: VV026248.D
Acq: 14 Jun 2022 20:31

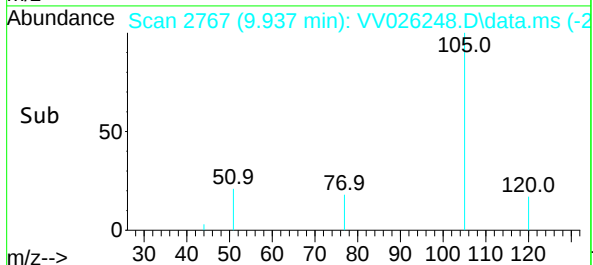
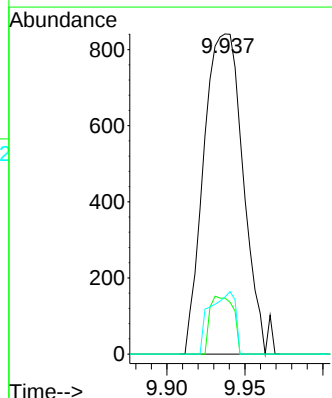
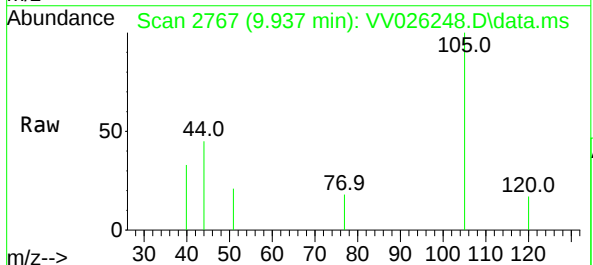
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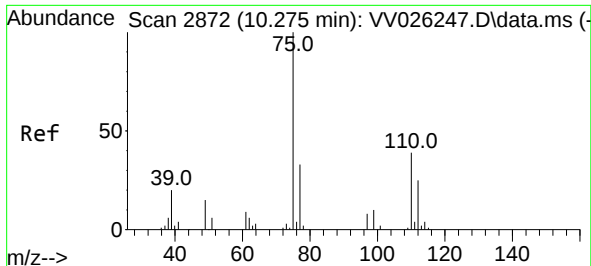
Tgt Ion: 75 Resp: 1302
Ion Ratio Lower Upper
75 100
77 39.4 22.3 41.3



#60
Isopropylbenzene
Concen: 0.032 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.007 min
Lab File: VV026248.D
Acq: 14 Jun 2022 20:31

Tgt Ion: 105 Resp: 1486
Ion Ratio Lower Upper
105 100
120 10.6 21.4 32.0#
77 12.6 12.4 18.6

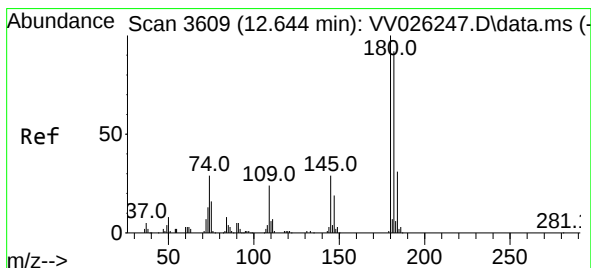
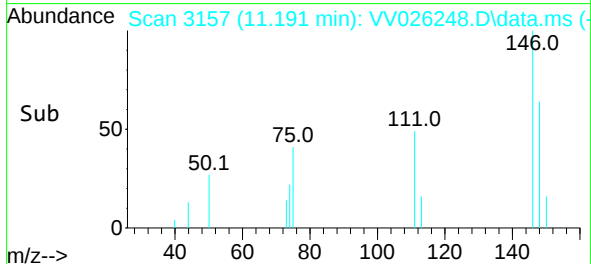
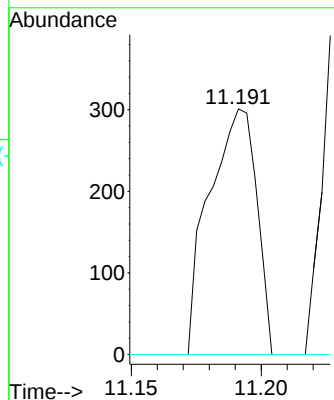
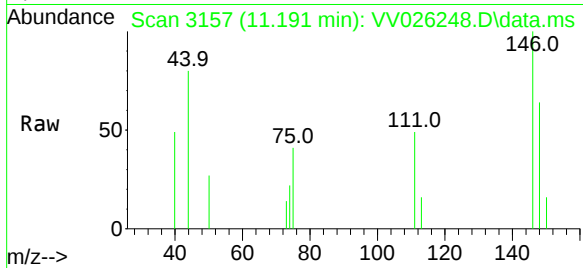




#61
1,2,3-Trichloropropane
Concen: 0.069 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.917 min
Lab File: VV026248.D
Acq: 14 Jun 2022 20:31

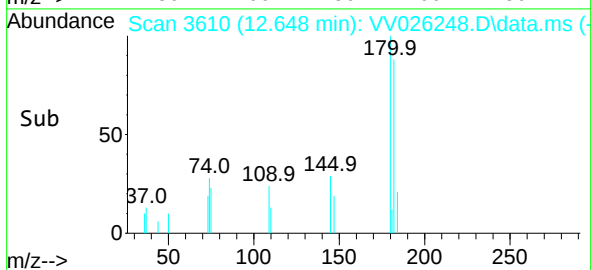
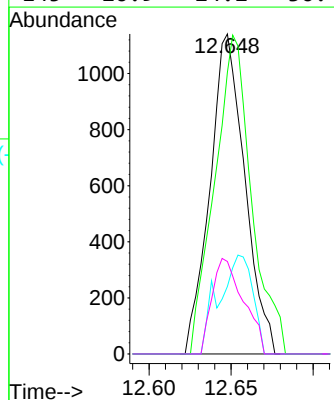
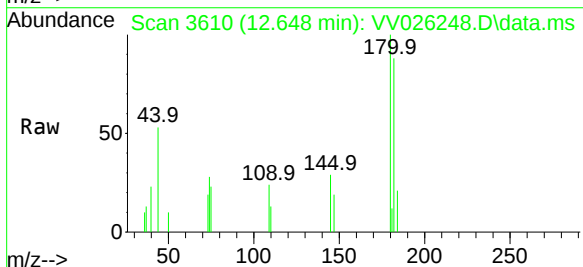
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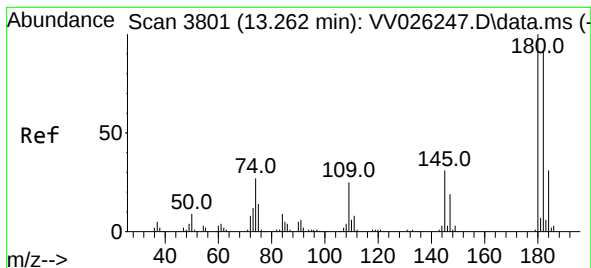
Tgt Ion: 75 Resp: 382
Ion Ratio Lower Upper
75 100
77 46.3 27.8 41.8#
110 0.0 33.0 49.4#



#69
1,3,5-Trichlorobenzene
Concen: 0.107 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV026248.D
Acq: 14 Jun 2022 20:31

Tgt Ion: 180 Resp: 1684
Ion Ratio Lower Upper
180 100
182 105.1 74.6 111.8
184 23.7 23.5 35.3
145 26.9 24.2 36.4





#70

1,2,4-trichlorobenzene

Concen: 0.142 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.003 min

Lab File: VV026248.D

Acq: 14 Jun 2022 20:31

Instrument :

MSVOA_V

ClientSampleId :

VBLK372

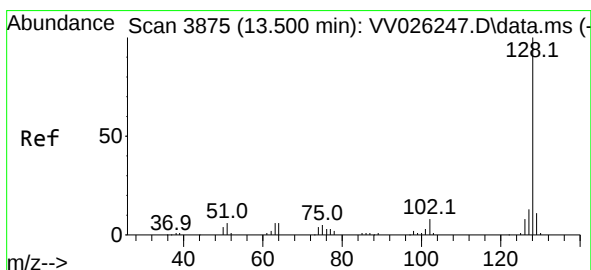
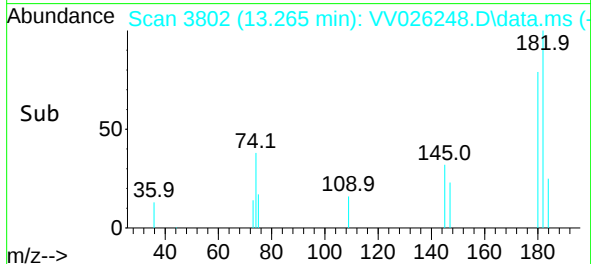
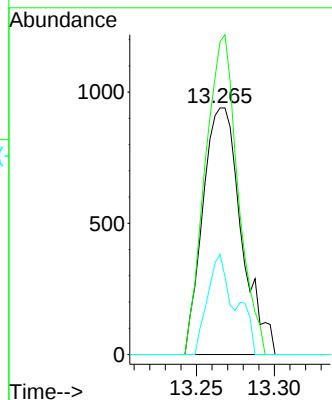
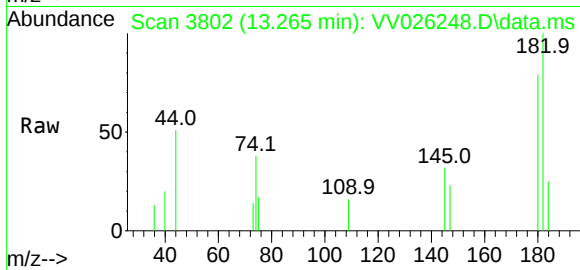
Tgt Ion:180 Resp: 1617

Ion Ratio Lower Upper

180 100

182 110.3 75.8 113.6

145 22.9 23.8 35.8#



#71

Naphthalene

Concen: 0.290 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.010 min

Lab File: VV026248.D

Acq: 14 Jun 2022 20:31

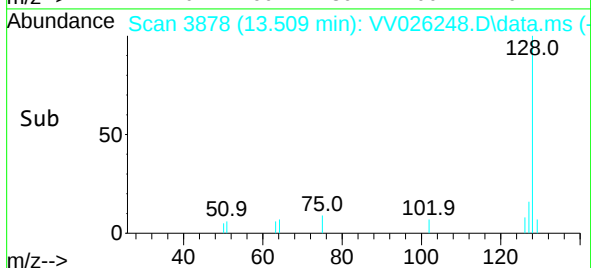
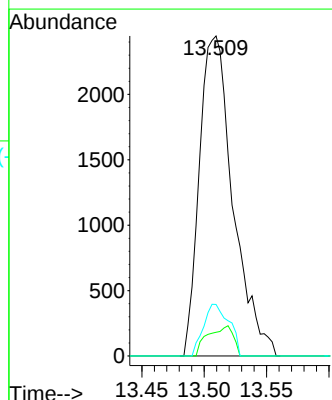
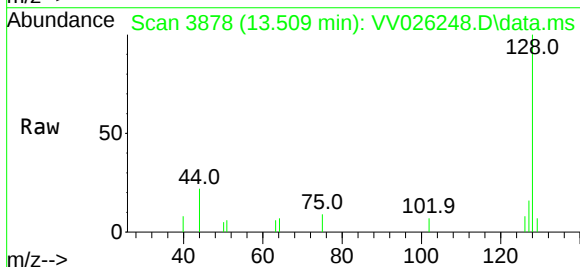
Tgt Ion:128 Resp: 4599

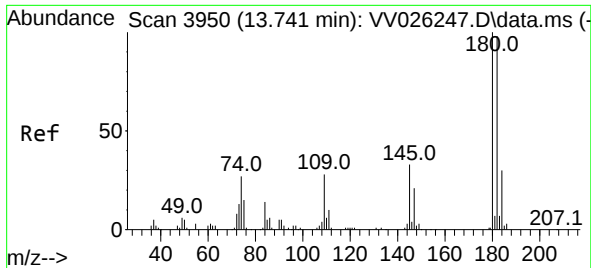
Ion Ratio Lower Upper

128 100

129 7.1 9.0 13.4#

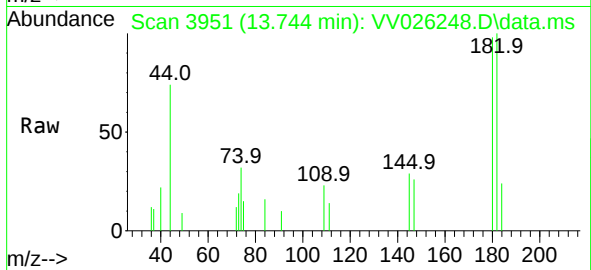
127 12.3 10.5 15.7





#72
 1,2,3-Trichlorobenzene
 Concen: 0.194 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV026248.D
 Acq: 14 Jun 2022 20:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK372



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	72.3	108.5
145	25.0	25.4	38.0

