

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041422\
 Data File : VV025533.D
 Acq On : 14 Apr 2022 10:09
 Operator : SY/MD
 Sample : VV0414WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK343

Quant Time: Apr 15 07:20:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

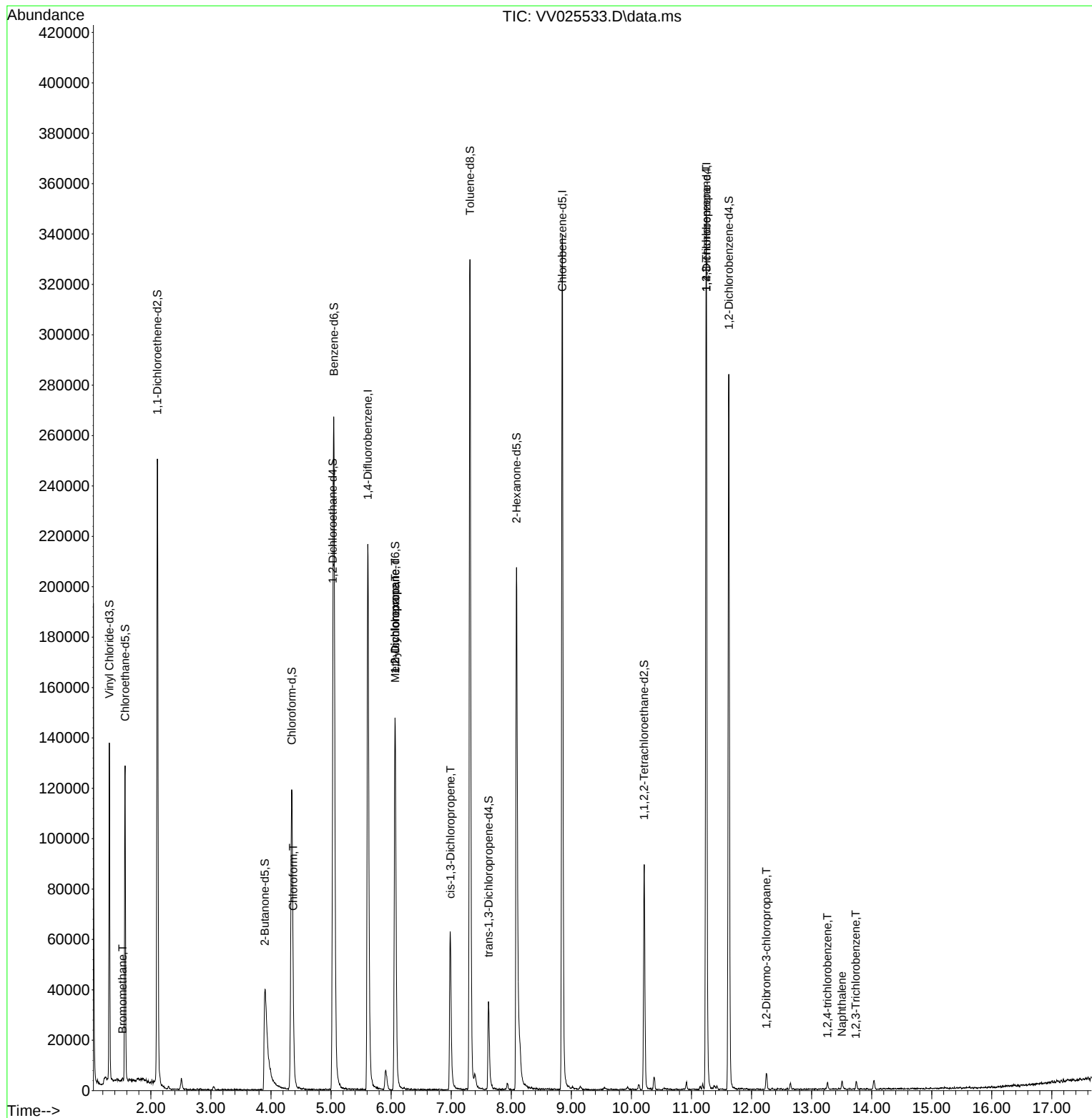
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	189498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	186691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	88245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	85875	4.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.571	69	78666	4.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.108	63	134257	3.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.899	46	98756	46.082	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.160%
24) Chloroform-d	4.346	84	122946	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.031	65	57947	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.047	84	251608	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.066	67	71528	4.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.313	98	218651	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.622	79	21247	4.196	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.088	63	73524	41.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41487	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	70886	4.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
6) Bromomethane	1.529	94	618	0.041	ug/L #	69
25) Chloroform	4.368	83	1658	0.067	ug/L	77
35) Methylcyclohexane	6.069	83	18316	0.784	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	8555	0.671	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1639	0.098	ug/L #	72
61) 1,2,3-Trichloropropane	11.246	75	11247	1.935	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.246	75	219	0.218	ug/L #	2
70) 1,2,4-trichlorobenzene	13.265	180	1050	0.070	ug/L	96
71) Naphthalene	13.506	128	3095	0.141	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.738	180	1012	0.082	ug/L	84

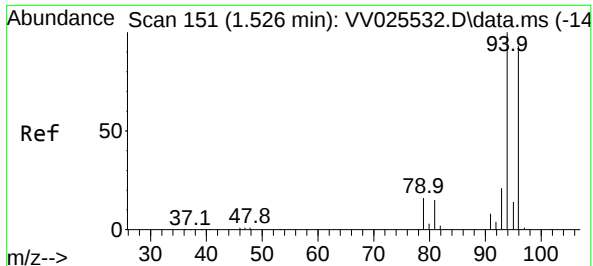
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 15 07:20:38 2022
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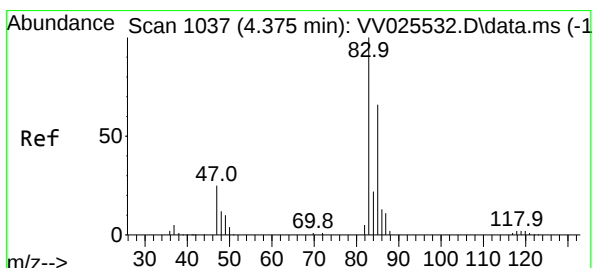
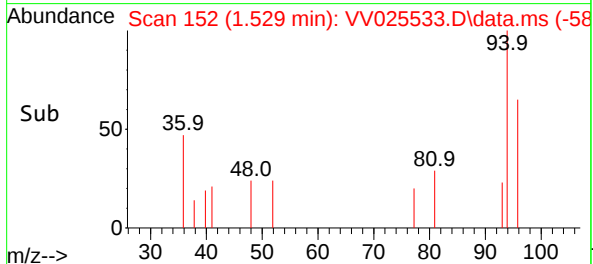
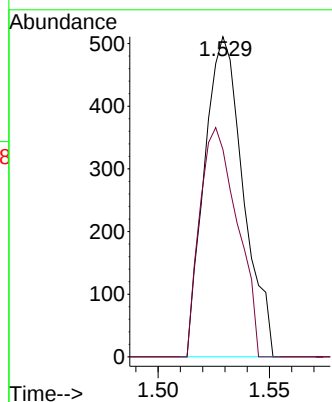
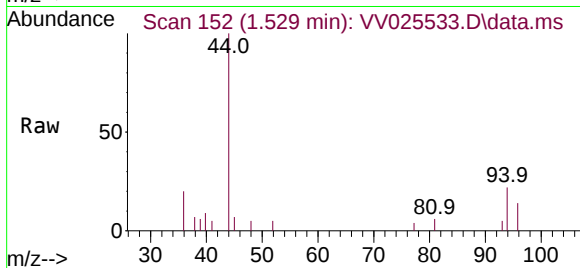




#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025533.D
Acq: 14 Apr 2022 10:09

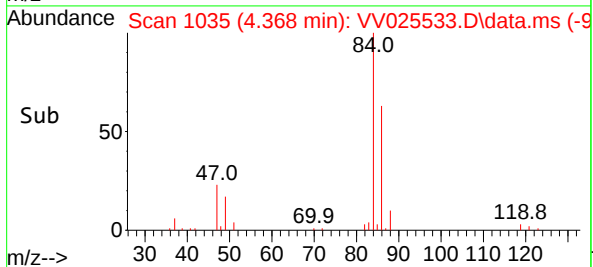
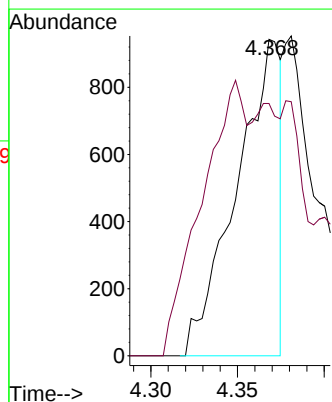
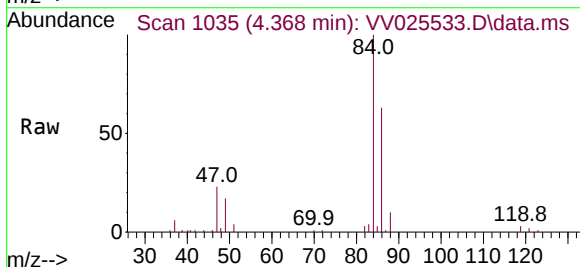
Instrument :
MSVOA_V
ClientSampleId :
VBLK343

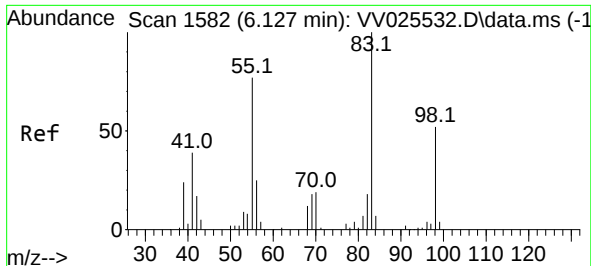
Tgt Ion: 94 Resp: 618
Ion Ratio Lower Upper
94 100
96 64.8 66.1 122.7#



#25
Chloroform
Concen: 0.067 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV025533.D
Acq: 14 Apr 2022 10:09

Tgt Ion: 83 Resp: 1658
Ion Ratio Lower Upper
83 100
85 79.7 43.5 80.7

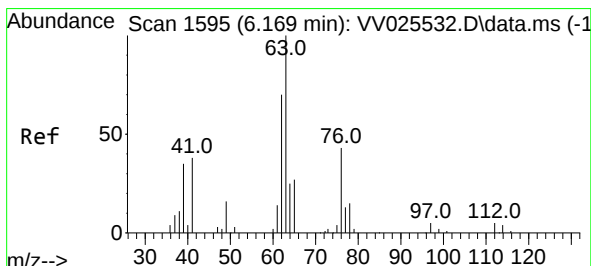
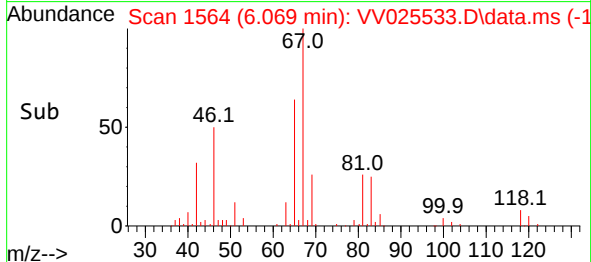
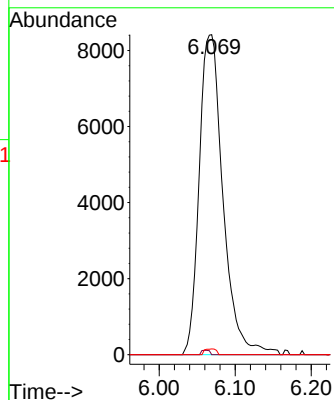
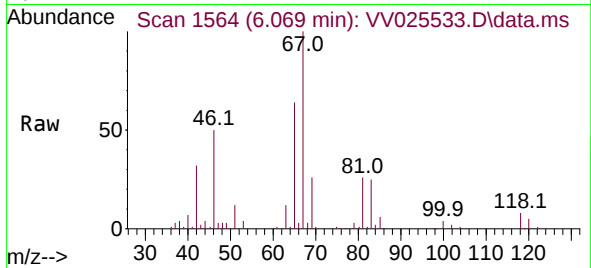




#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025533.D
Acq: 14 Apr 2022 10:09

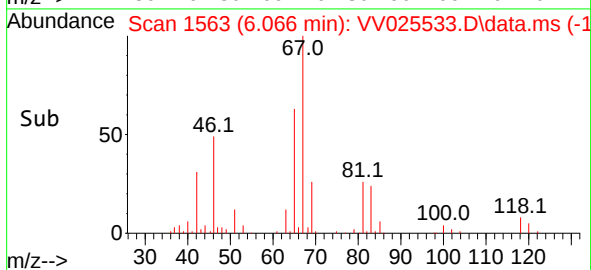
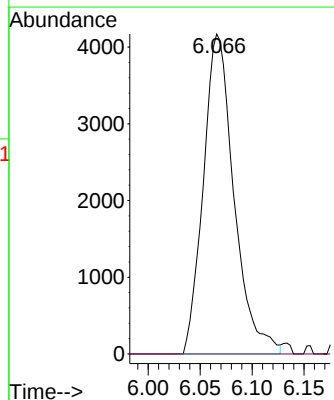
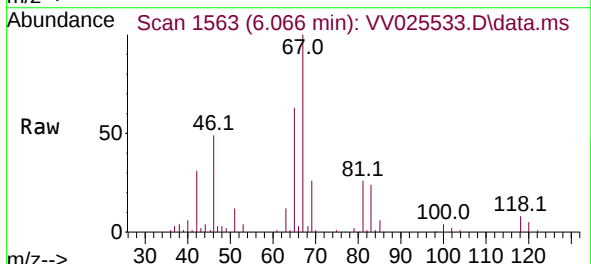
Instrument :
MSVOA_V
ClientSampleId :
VBLK343

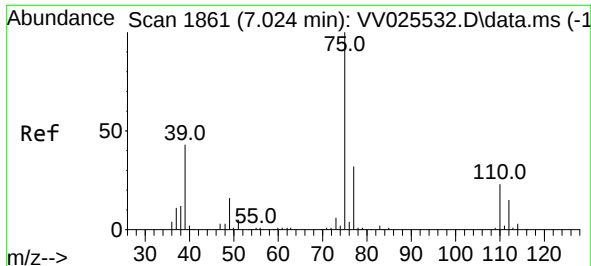
Tgt Ion: 83 Resp: 18316
Ion Ratio Lower Upper
83 100
55 0.5 53.7 80.5#
98 0.9 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV025533.D
Acq: 14 Apr 2022 10:09

Tgt Ion: 63 Resp: 8555
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025533.D

Acq: 14 Apr 2022 10:09

Instrument :

MSVOA_V

ClientSampleId :

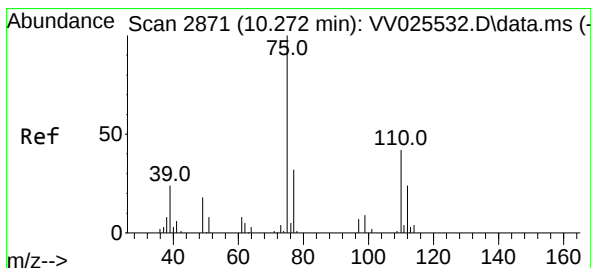
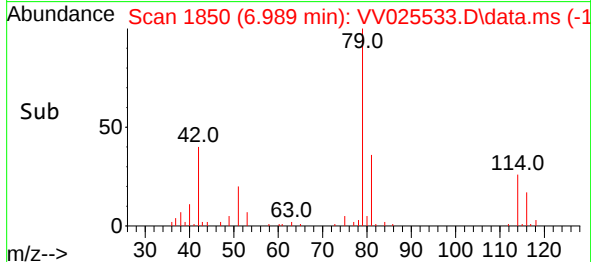
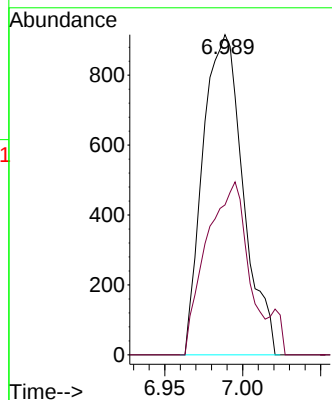
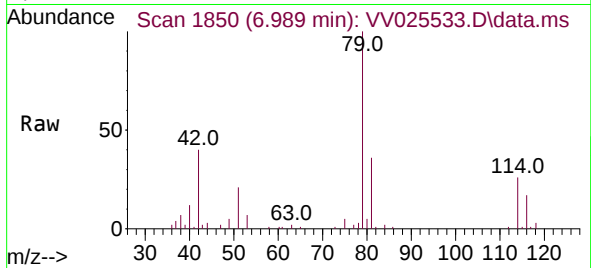
VBLK343

Tgt Ion: 75 Resp: 1639

Ion Ratio Lower Upper

75 100

77 46.8 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.935 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025533.D

Acq: 14 Apr 2022 10:09

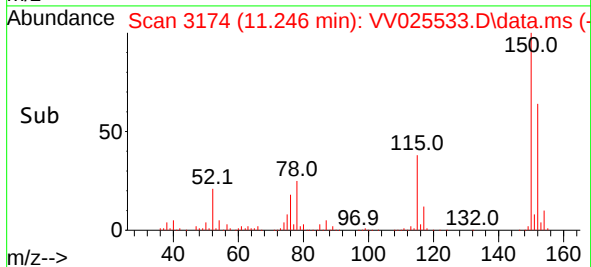
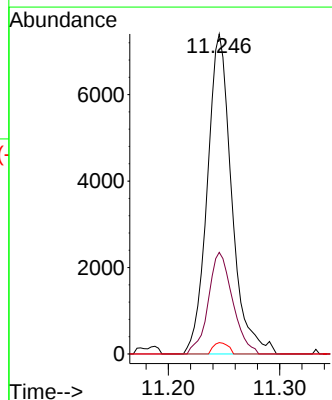
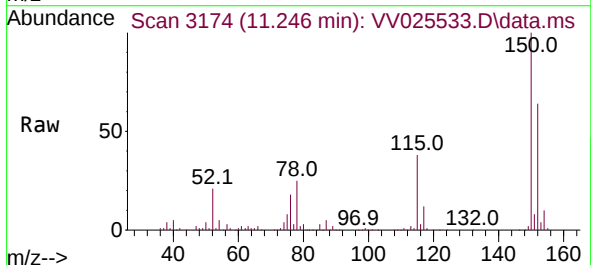
Tgt Ion: 75 Resp: 11247

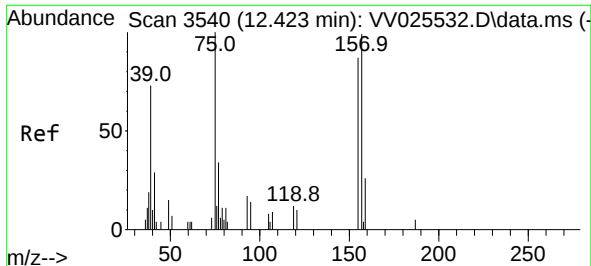
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

110 2.1 34.7 52.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.218 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.177 min

Lab File: VV025533.D

Acq: 14 Apr 2022 10:09

Instrument :

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ClientSampleId :

VBLK343

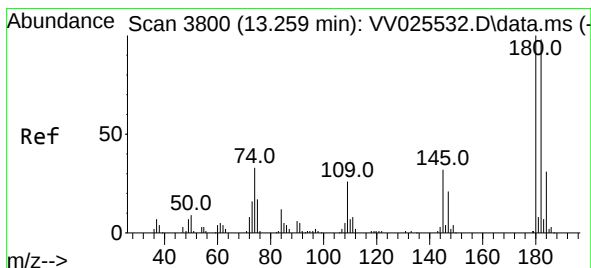
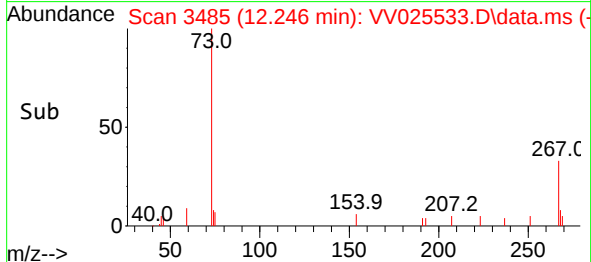
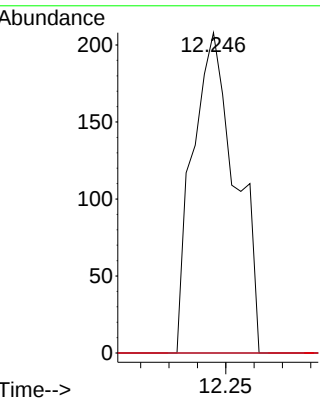
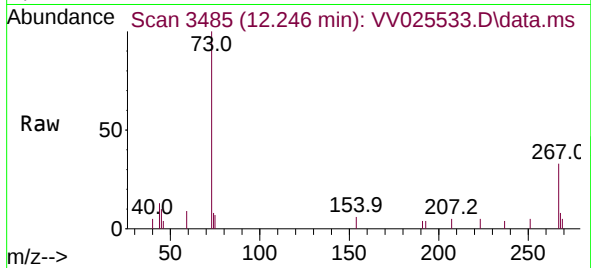
Tgt Ion: 75 Resp: 219

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: 0.070 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV025533.D

Acq: 14 Apr 2022 10:09

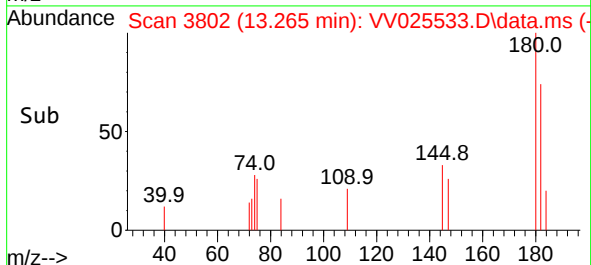
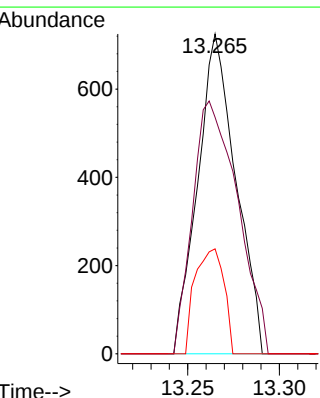
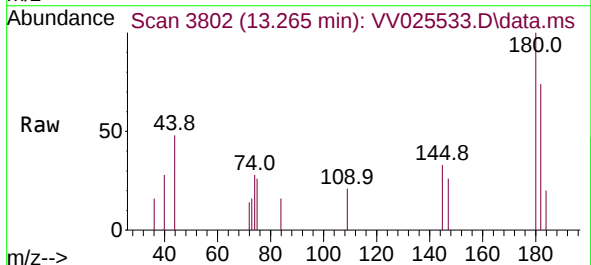
Tgt Ion:180 Resp: 1050

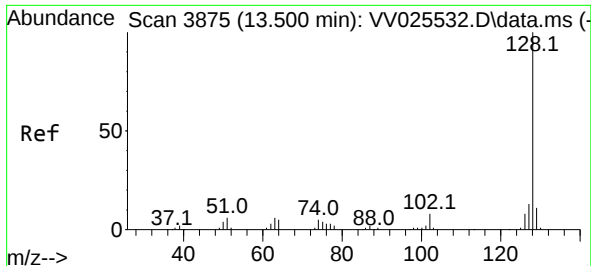
Ion Ratio Lower Upper

180 100

182 93.5 76.6 114.8

145 24.8 24.6 36.8

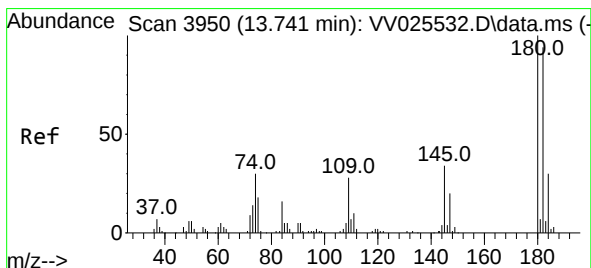
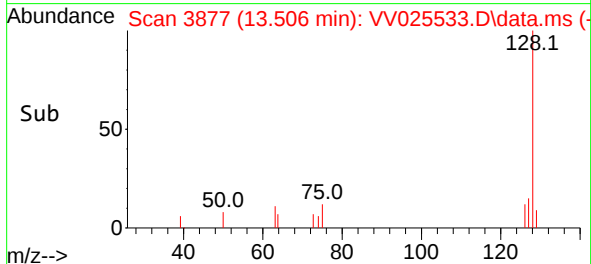
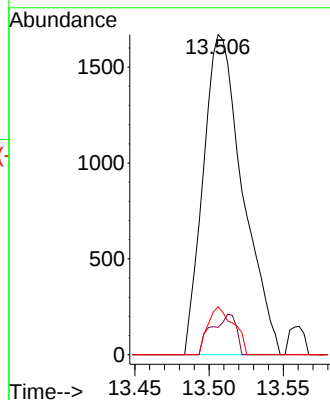
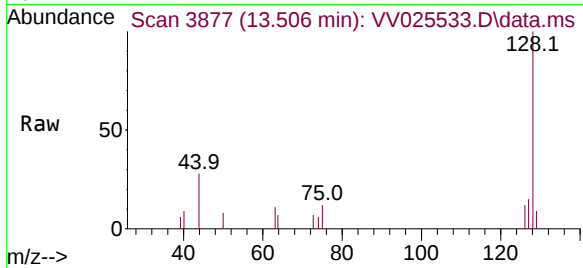




#71
Naphthalene
Concen: 0.141 ug/L
RT: 13.506 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV025533.D
Acq: 14 Apr 2022 10:09

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Tgt Ion:128 Resp: 3095
Ion Ratio Lower Upper
128 100
129 7.9 8.8 13.2#
127 9.8 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.082 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV025533.D
Acq: 14 Apr 2022 10:09

Tgt Ion:180 Resp: 1012
Ion Ratio Lower Upper
180 100
182 115.1 77.7 116.5
145 28.3 27.4 41.2

