

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061622\
 Data File : VV026321.D
 Acq On : 16 Jun 2022 10:07
 Operator : SY/MD
 Sample : VV0616WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK375

Quant Time: Jun 17 05:18:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 05:16:46 2022
 Response via : Initial Calibration

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

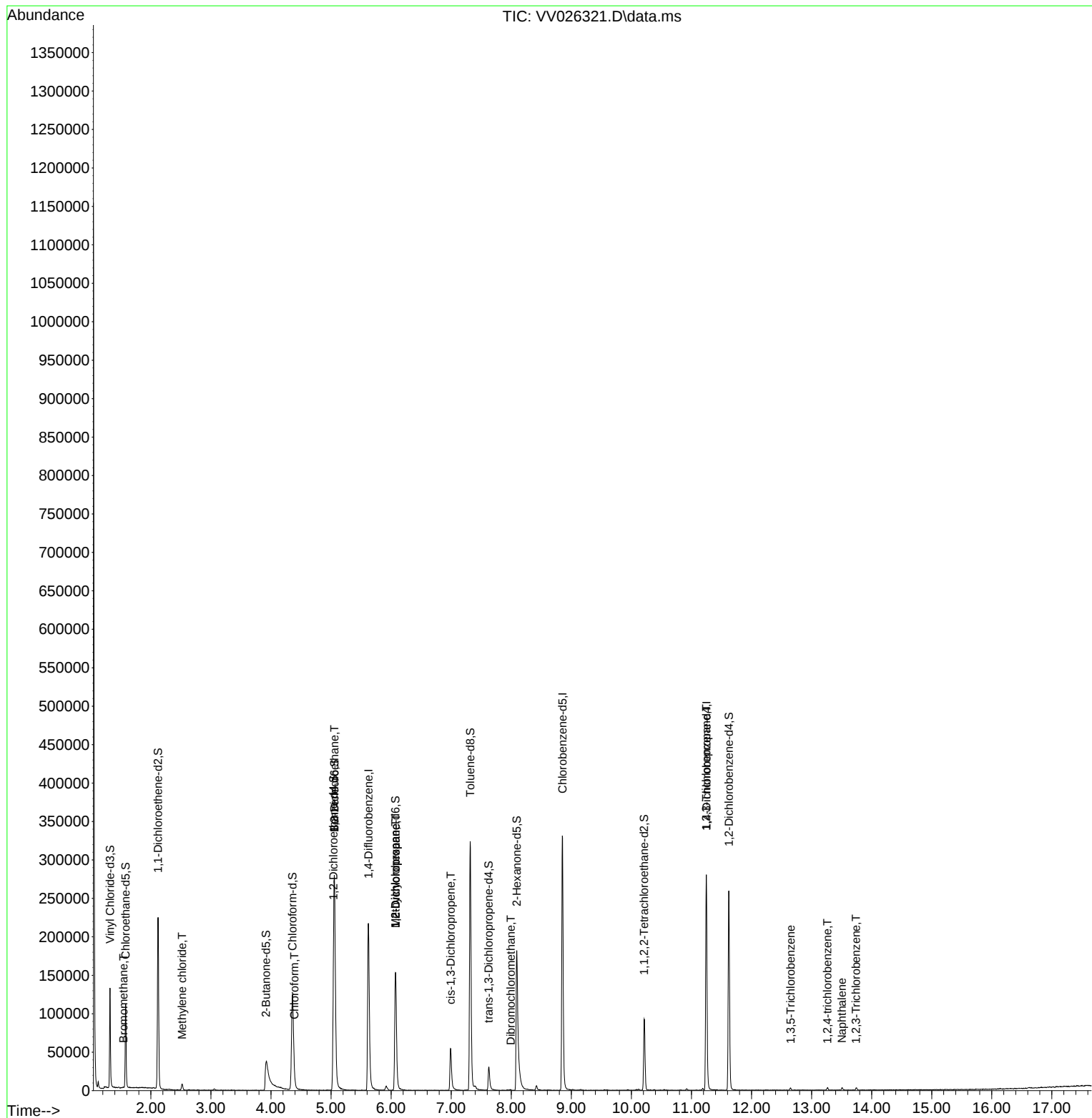
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	198076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	190042	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	87185	5.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.580	69	69884	5.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.121	63	117770	3.986	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.918	46	82669	49.245	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.480%
24) Chloroform-d	4.359	84	132014	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.040	65	56234	5.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.056	84	271155	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.072	67	80726	5.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.317	98	219804	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.625	79	20385	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.091	63	70323	48.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46743	5.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	68447	5.859	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						Qvalue
6) Bromomethane	1.542	94	672	0.070	ug/L	77
16) Methylene chloride	2.519	84	3545	0.222	ug/L	98
25) Chloroform	4.387	83	4422	0.176	ug/L	93
27) 1,2-Dichloroethane	5.056	62	1342	0.117	ug/L #	71
35) Methylcyclohexane	6.072	83	19301	1.049	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	8579	0.673	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1218	0.084	ug/L	96
49) Dibromochloromethane	7.992	129	224	0.024	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	9179	1.865	ug/L #	63
69) 1,3,5-Trichlorobenzene	12.651	180	1222	0.085	ug/L #	91
70) 1,2,4-trichlorobenzene	13.265	180	1140	0.108	ug/L	91
71) Naphthalene	13.506	128	3231	0.220	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.741	180	1185	0.134	ug/L #	92

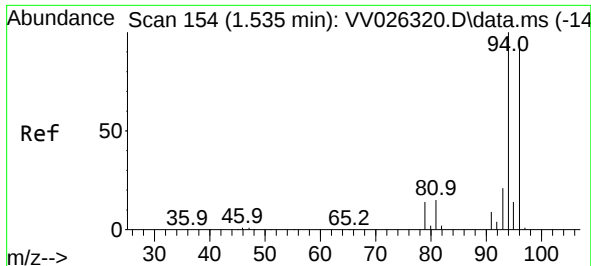
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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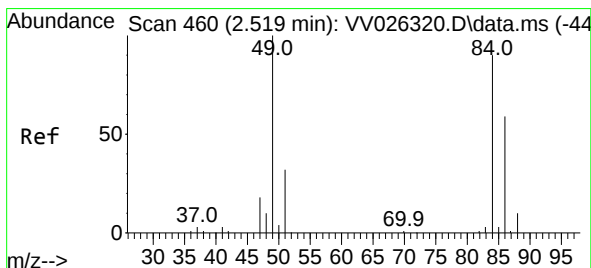
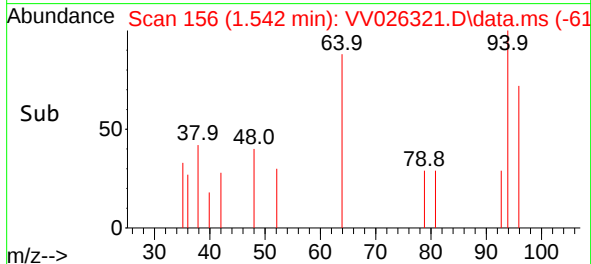
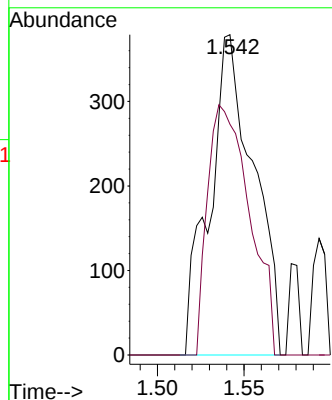
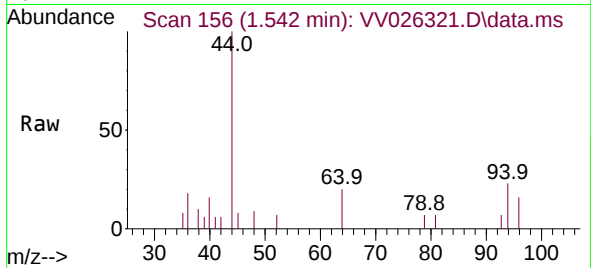




#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.542 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026321.D
Acq: 16 Jun 2022 10:07

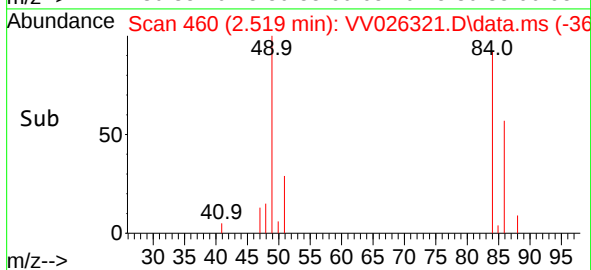
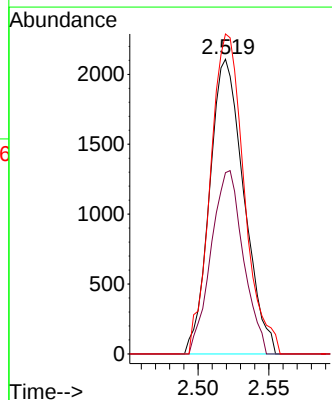
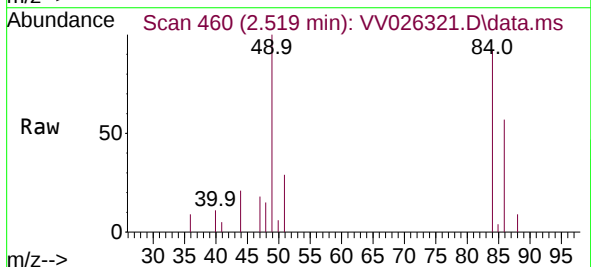
Instrument :
MSVOA_V
ClientSampleId :
VBLK375

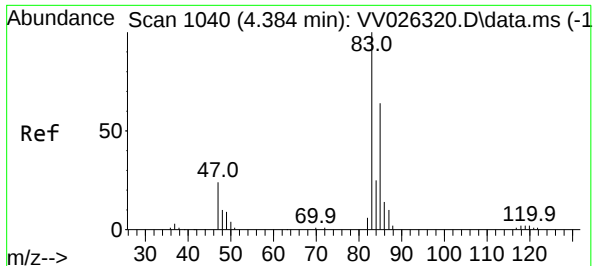
Tgt Ion: 94 Resp: 672
Ion Ratio Lower Upper
94 100
96 72.0 65.7 121.9



#16
Methylene chloride
Concen: 0.222 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026321.D
Acq: 16 Jun 2022 10:07

Tgt Ion: 84 Resp: 3545
Ion Ratio Lower Upper
84 100
86 61.5 44.0 81.8
49 108.6 77.3 143.7





#25

Chloroform

Concen: 0.176 ug/L

RT: 4.387 min Scan# 1040

Delta R.T. 0.003 min

Lab File: VV026321.D

Acq: 16 Jun 2022 10:07

Instrument :

MSVOA_V

ClientSampleId :

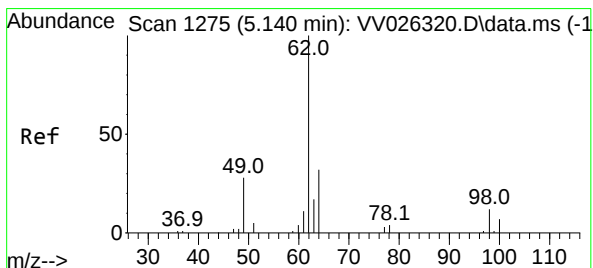
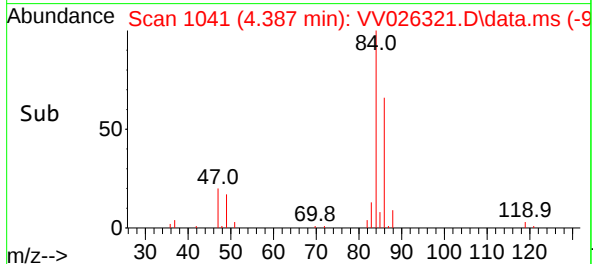
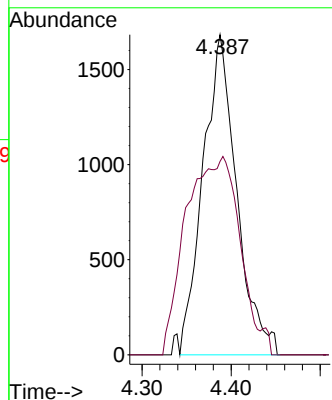
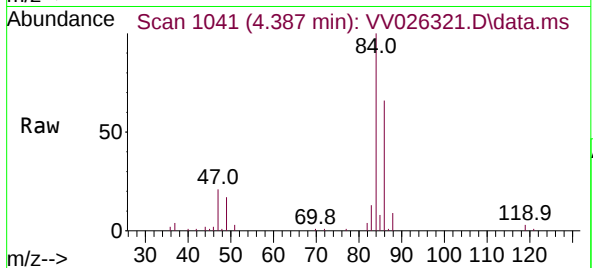
VBLK375

Tgt Ion: 83 Resp: 4422

Ion Ratio Lower Upper

83 100

85 60.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.117 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.084 min

Lab File: VV026321.D

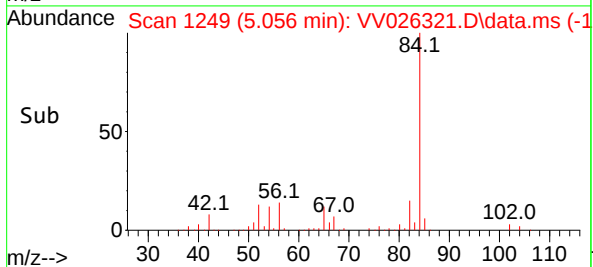
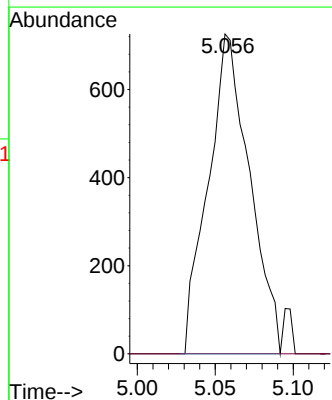
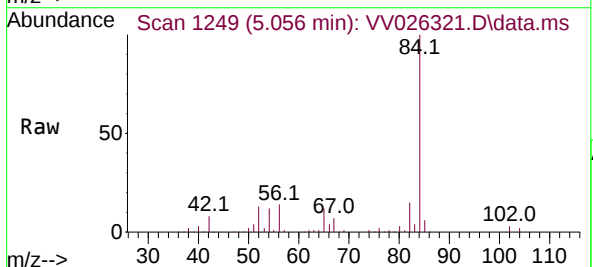
Acq: 16 Jun 2022 10:07

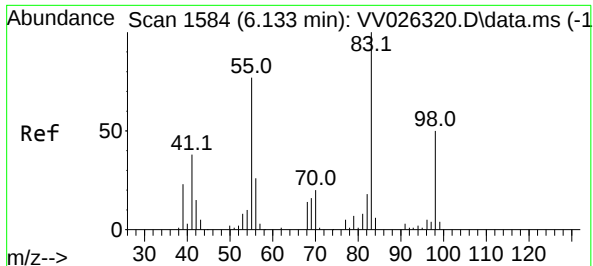
Tgt Ion: 62 Resp: 1342

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#





#35

Methylcyclohexane

Concen: 1.049 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV026321.D

Acq: 16 Jun 2022 10:07

Instrument :

MSVOA_V

ClientSampleId :

VBLK375

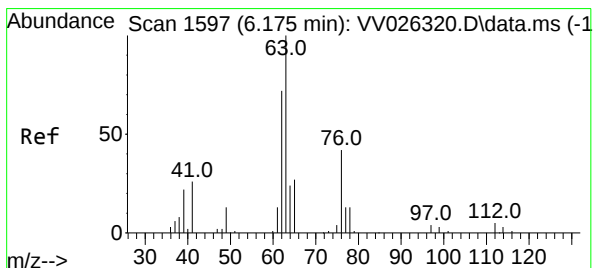
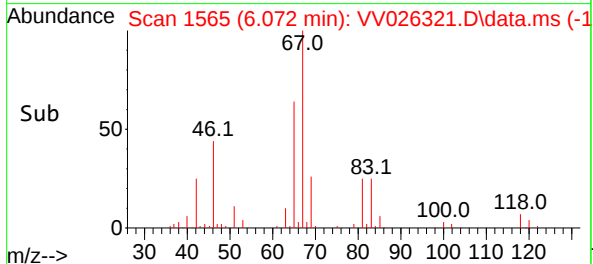
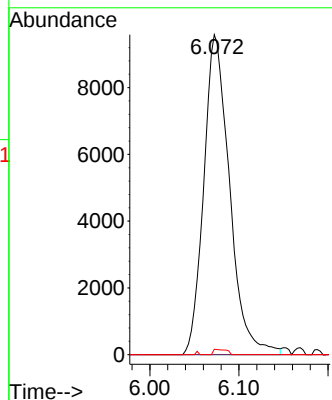
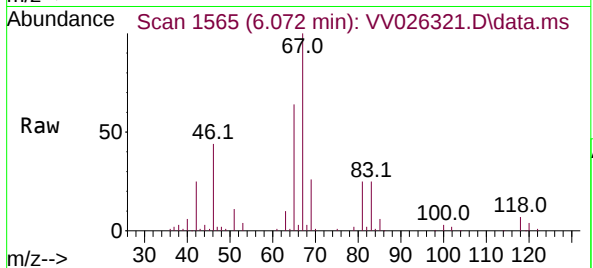
Tgt Ion: 83 Resp: 19301

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.9 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.100 min

Lab File: VV026321.D

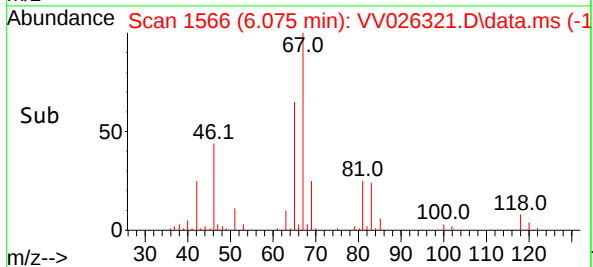
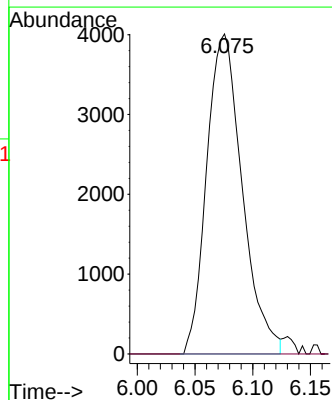
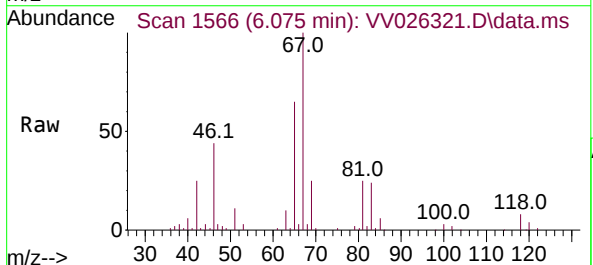
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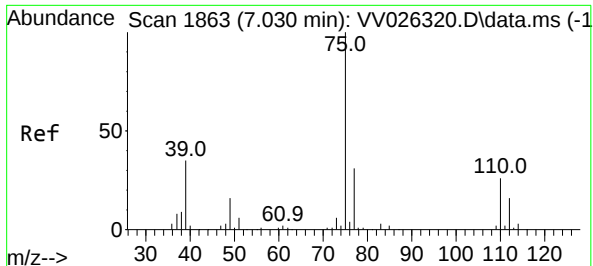
Tgt Ion: 63 Resp: 8579

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026321.D

Acq: 16 Jun 2022 10:07

Instrument :

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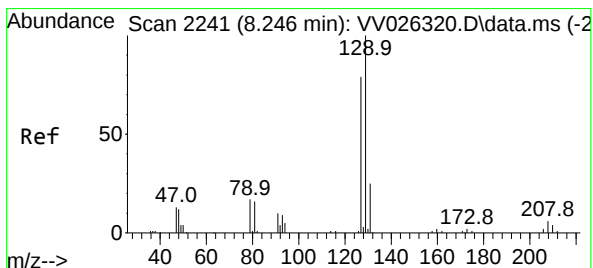
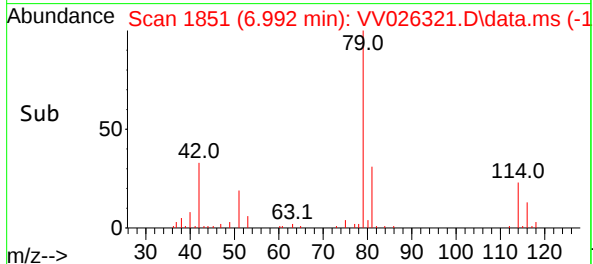
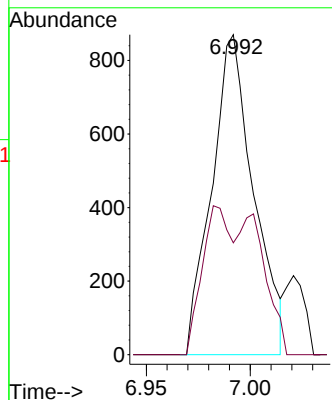
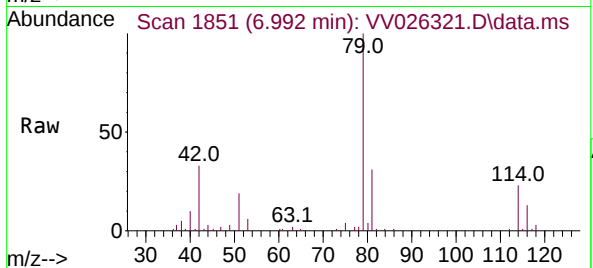
VBLK375

Tgt Ion: 75 Resp: 1218

Ion Ratio Lower Upper

75 100

77 34.9 23.0 42.6



#49

Dibromochloromethane

Concen: 0.024 ug/L

RT: 7.992 min Scan# 2162

Delta R.T. -0.254 min

Lab File: VV026321.D

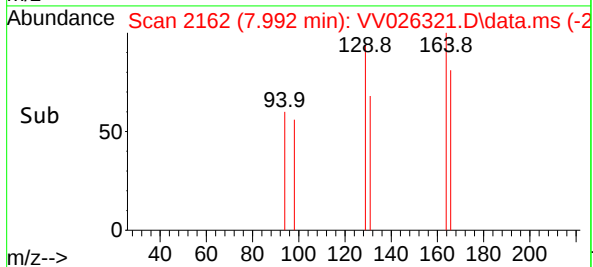
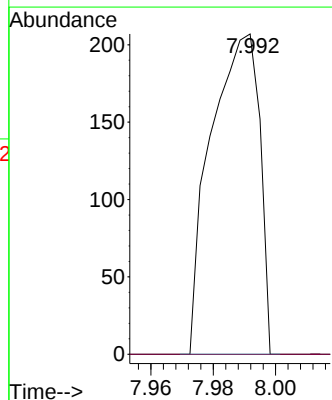
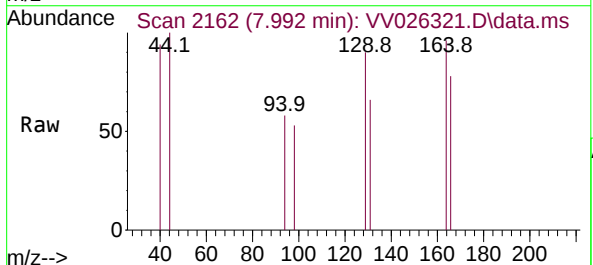
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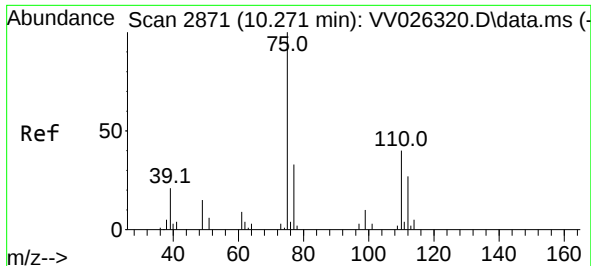
Tgt Ion: 129 Resp: 224

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

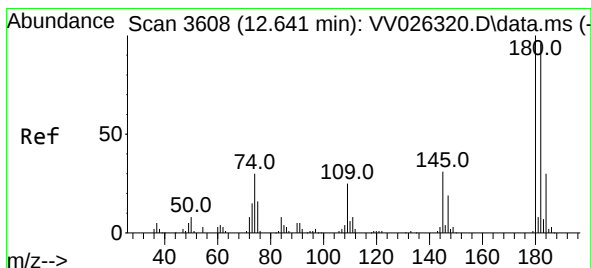
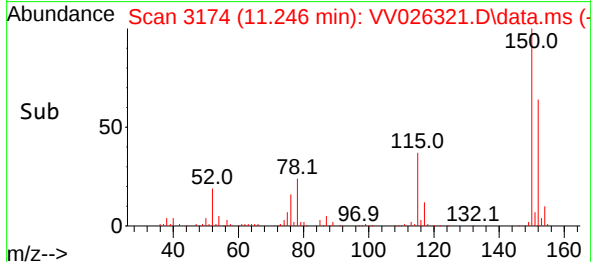
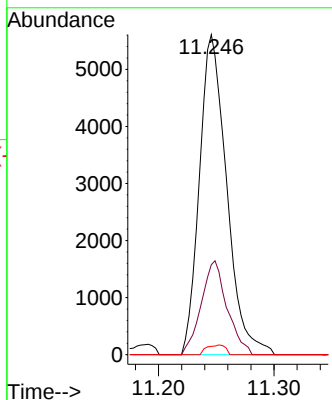
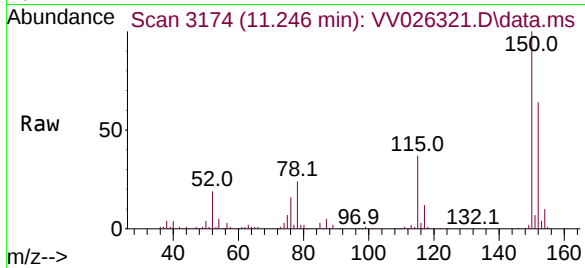




#61
1,2,3-Trichloropropane
Concen: 1.865 ug/L
RT: 11.246 min Scan# 31174
Delta R.T. 0.974 min
Lab File: VV026321.D
Acq: 16 Jun 2022 10:07

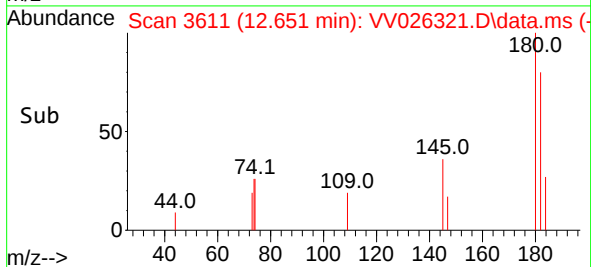
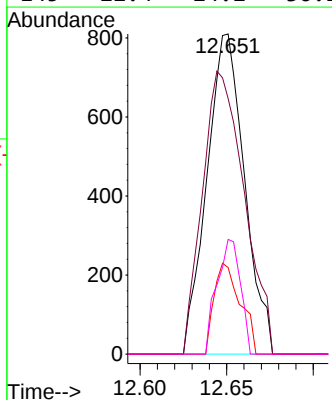
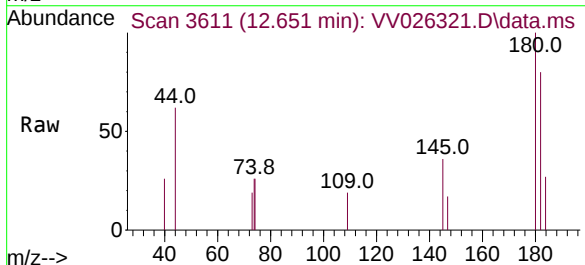
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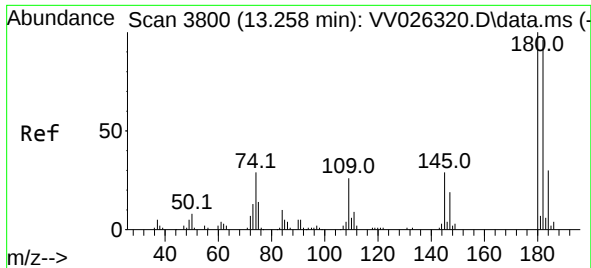
Tgt Ion: 75 Resp: 9179
Ion Ratio Lower Upper
75 100
77 27.8 26.9 40.3
110 2.1 30.7 46.1#



#69
1,3,5-Trichlorobenzene
Concen: 0.085 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.010 min
Lab File: VV026321.D
Acq: 16 Jun 2022 10:07

Tgt Ion:180 Resp: 1222
Ion Ratio Lower Upper
180 100
182 98.3 75.5 113.3
184 19.8 23.7 35.5#
145 22.4 24.2 36.2#

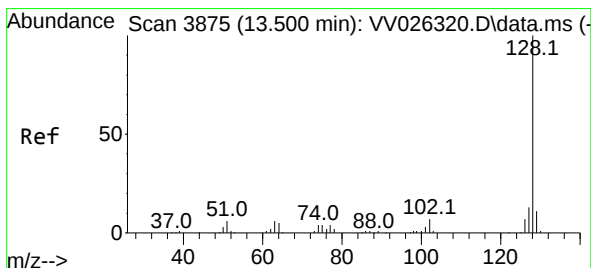
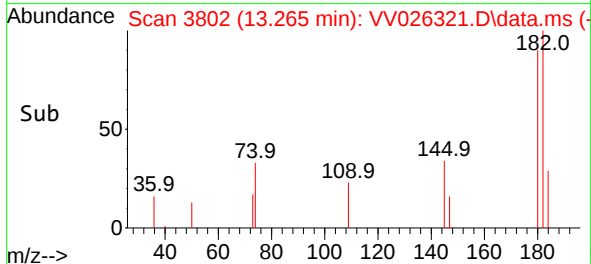
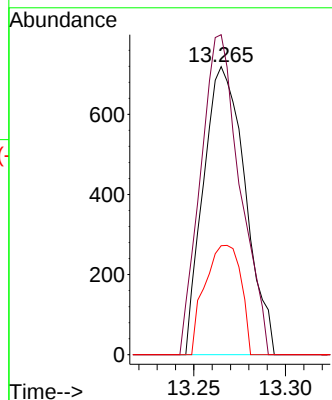
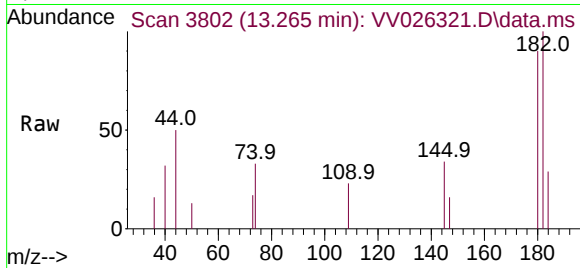




#70
1,2,4-trichlorobenzene
Concen: 0.108 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV026321.D
Acq: 16 Jun 2022 10:07

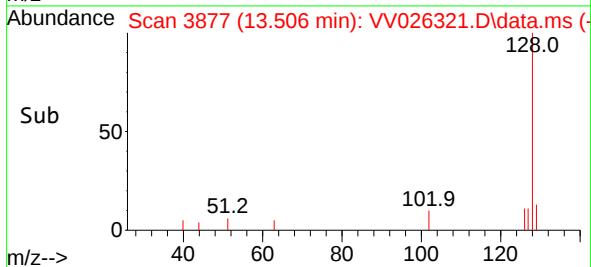
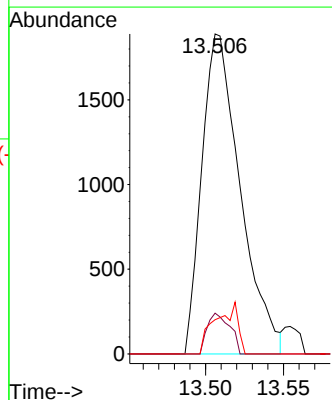
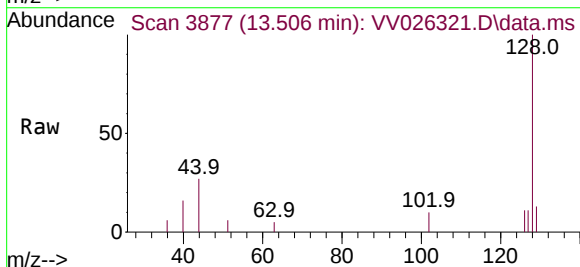
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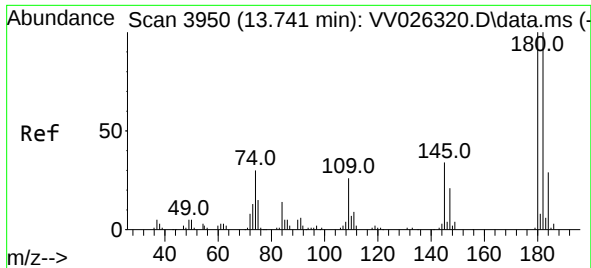
Tgt Ion:180 Resp: 1140
Ion Ratio Lower Upper
180 100
182 104.8 76.2 114.2
145 32.5 23.9 35.9



#71
Naphthalene
Concen: 0.220 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026321.D
Acq: 16 Jun 2022 10:07

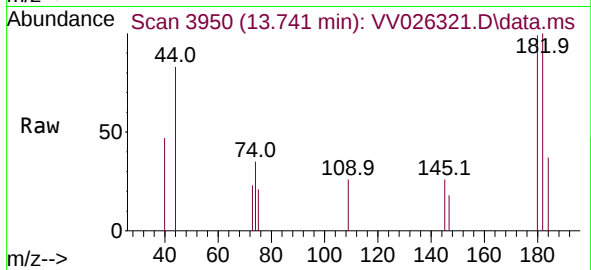
Tgt Ion:128 Resp: 3231
Ion Ratio Lower Upper
128 100
129 7.5 8.7 13.1#
127 9.5 10.6 16.0#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.134 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. 0.000 min
 Lab File: VV026321.D
 Acq: 16 Jun 2022 10:07

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK375



Tgt Ion:	180	Resp:	1185
Ion	Ratio	Lower	Upper
180	100		
182	103.6	77.9	116.9
145	25.3	26.7	40.1#

