

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027538.D
 Acq On : 26 Aug 2022 16:51
 Operator : SY/MD
 Sample : N4368-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:15:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

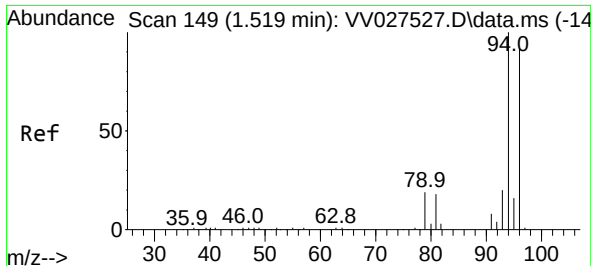
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126621	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54345	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31846	3.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.565	69	33487	5.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.101	63	62478	2.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.896	46	44253	39.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.920%
24) Chloroform-d	4.346	84	72523	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.034	65	34265	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.047	84	124728	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	6.066	67	43178	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.313	98	108777	3.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	7.629	79	12770	3.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.092	63	50419	43.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29416	4.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	38072	4.726	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%

Target Compounds				Qvalue		
6) Bromomethane	1.519	94	761	0.130	ug/L	87
17) Methyl tert-butyl Ether	2.767	73	6585	0.332	ug/L #	90
22) cis-1,2-Dichloroethene	3.908	96	2239	0.213	ug/L	81
25) Chloroform	4.378	83	2268	0.102	ug/L	98
34) Trichloroethene	5.915	95	19916	1.784	ug/L	97
35) Methylcyclohexane	6.069	83	10711	0.682	ug/L #	15
37) 1,2-Dichloropropane	6.072	63	4914	0.435	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	940	0.069	ug/L	83
47) Tetrachloroethene	7.976	164	30900	3.553	ug/L	96
49) Dibromochloromethane	7.976	129	28687	3.227	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6583	1.381	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.921	105	628	0.063	ug/L	89
70) 1,2,4-trichlorobenzene	13.265	180	964	0.101	ug/L	91
71) Naphthalene	13.509	128	6079	0.461	ug/L #	81
72) 1,2,3-Trichlorobenzene	13.744	180	1206	0.142	ug/L	98

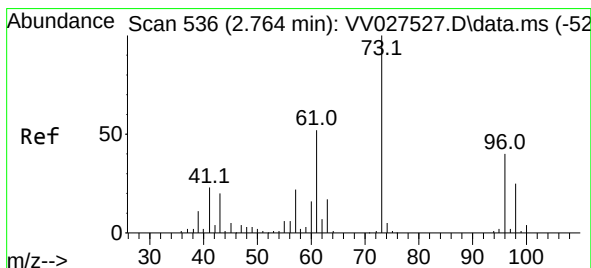
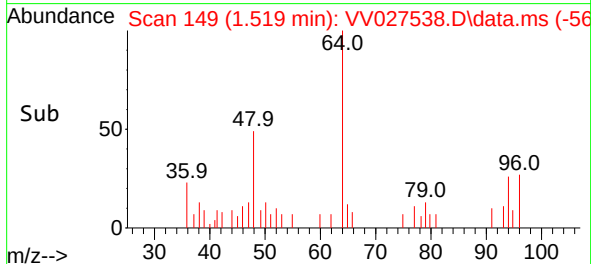
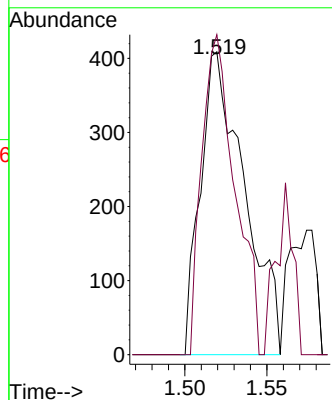
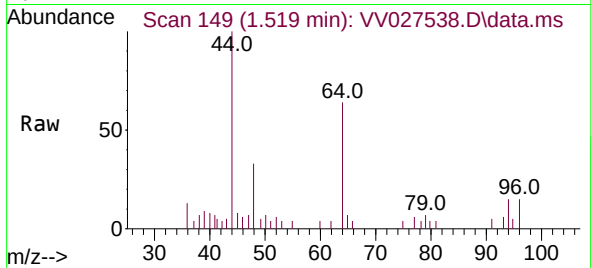
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Bromomethane
Concen: 0.130 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027538.D
Acq: 26 Aug 2022 16:51

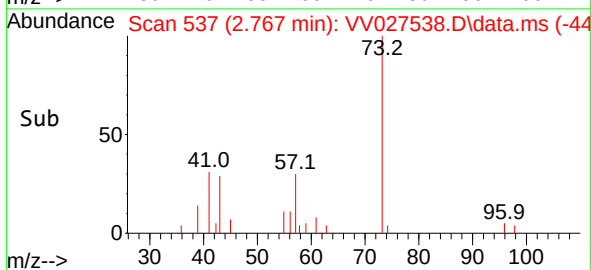
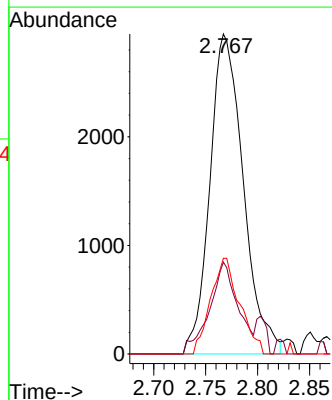
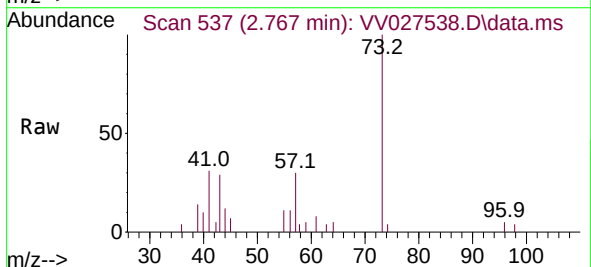
Instrument :
MSVOA_V
ClientSampleId :

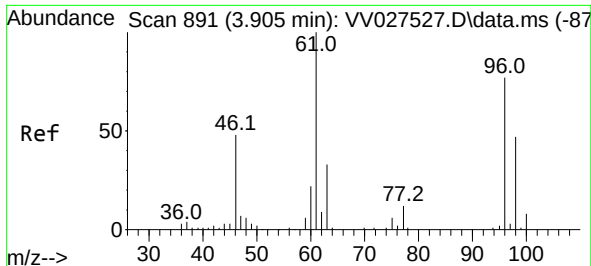
Tgt Ion: 94 Resp: 761
Ion Ratio Lower Upper
94 100
96 105.6 65.2 121.0



#17
Methyl tert-butyl Ether
Concen: 0.332 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027538.D
Acq: 26 Aug 2022 16:51

Tgt Ion: 73 Resp: 6585
Ion Ratio Lower Upper
73 100
43 24.4 15.6 23.4#
57 25.9 17.0 25.6#

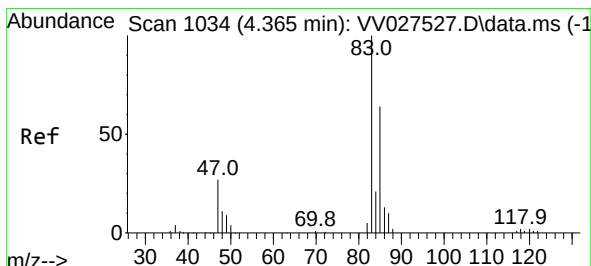
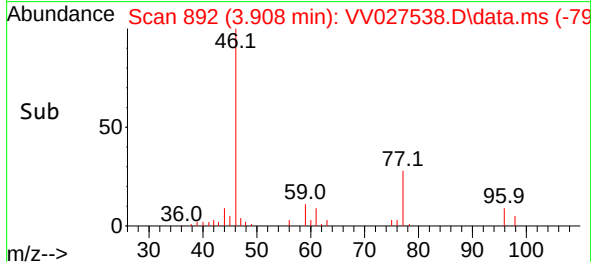
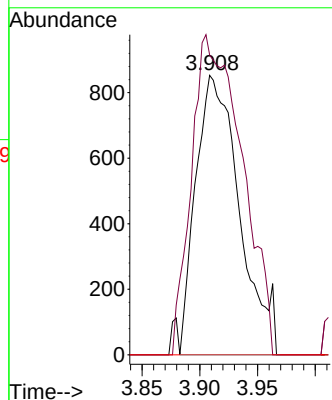
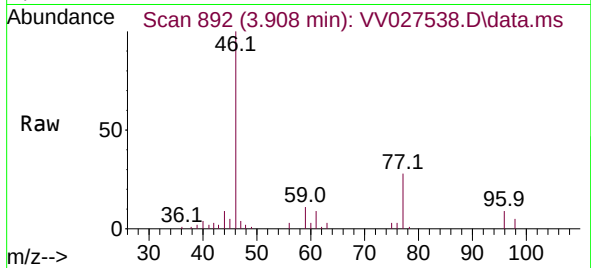




#22
 cis-1,2-Dichloroethene
 Concen: 0.213 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027538.D
 Acq: 26 Aug 2022 16:51

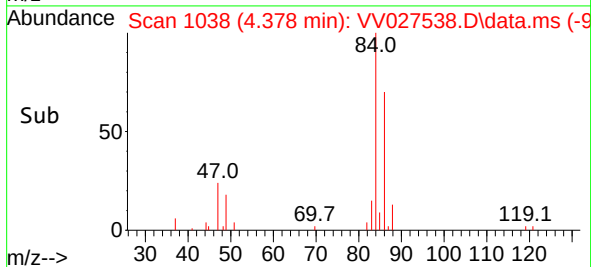
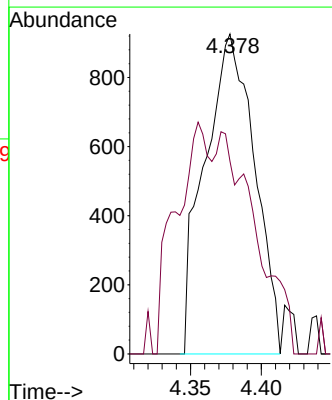
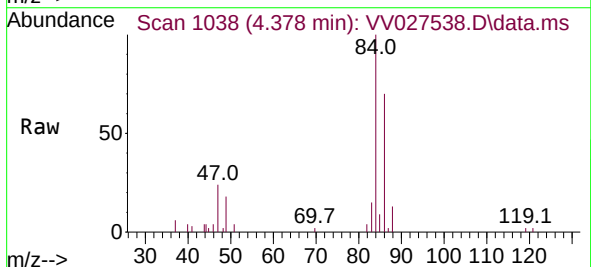
Instrument :
 MSVOA_V
 ClientSampleId :

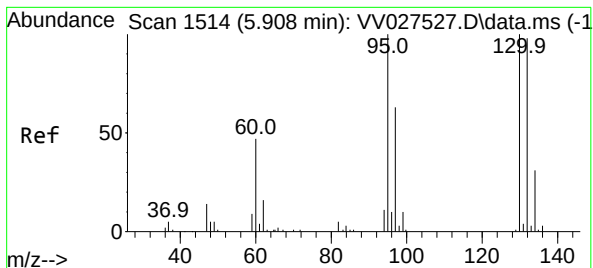
Tgt Ion: 96 Resp: 2239
 Ion Ratio Lower Upper
 96 100
 61 107.3 90.6 168.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.102 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.013 min
 Lab File: VV027538.D
 Acq: 26 Aug 2022 16:51

Tgt Ion: 83 Resp: 2268
 Ion Ratio Lower Upper
 83 100
 85 60.3 43.3 80.5





#34

Trichloroethene

Concen: 1.784 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027538.D

Acq: 26 Aug 2022 16:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 19916

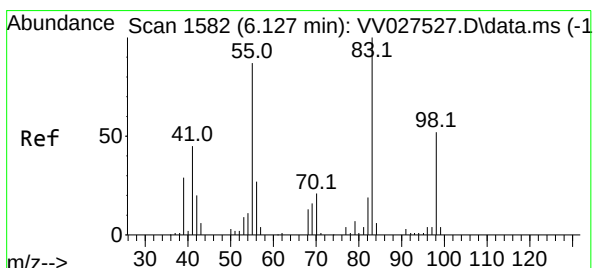
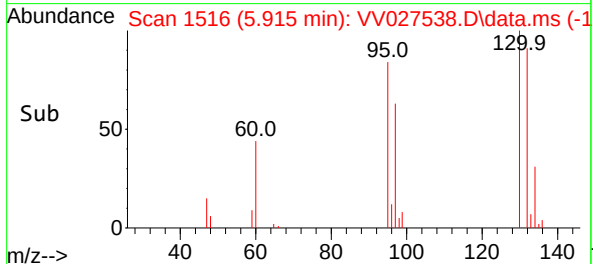
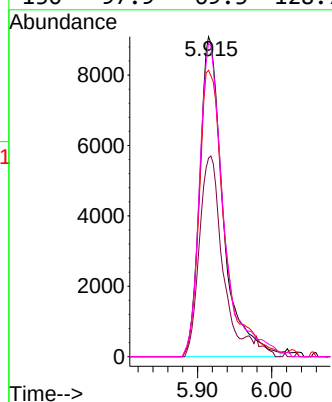
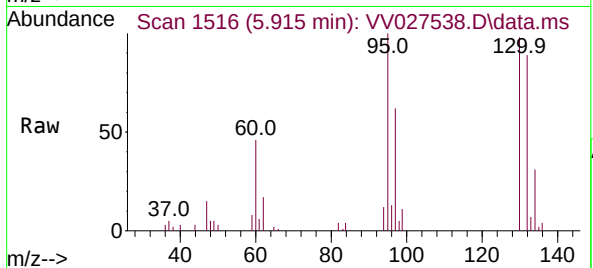
Ion Ratio Lower Upper

95 100

97 62.0 45.0 83.6

132 89.5 65.7 121.9

130 97.9 69.3 128.7



#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027538.D

Acq: 26 Aug 2022 16:51

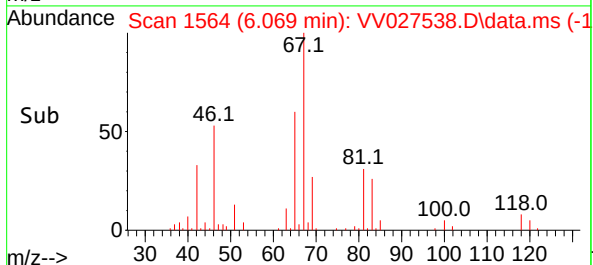
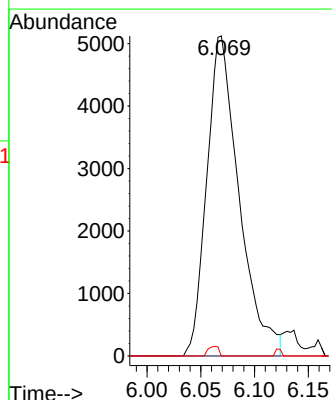
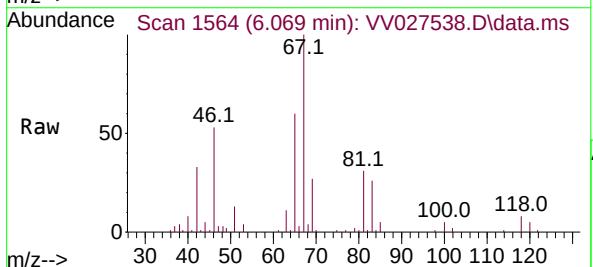
Tgt Ion: 83 Resp: 10711

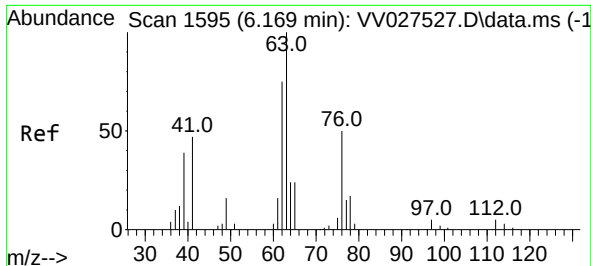
Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 1.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.435 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV027538.D

Acq: 26 Aug 2022 16:51

Instrument :

MSVOA_V

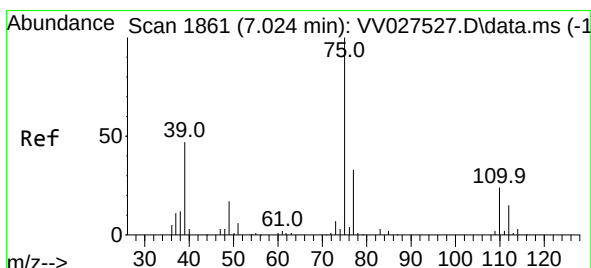
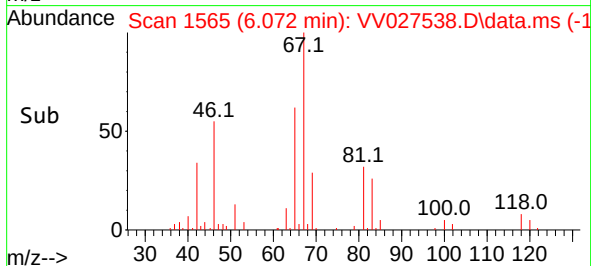
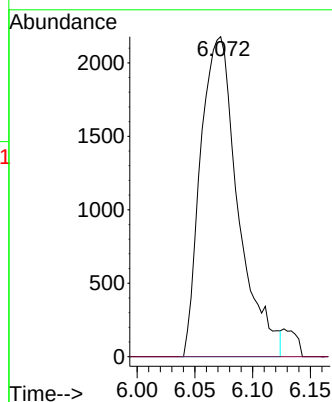
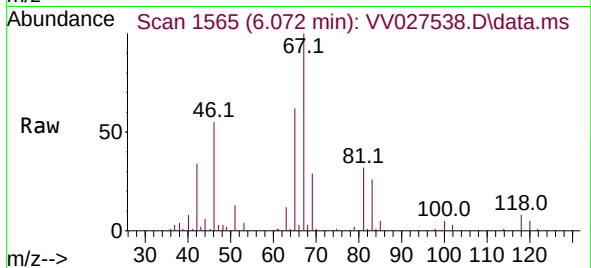
ClientSampleId :

Tgt Ion: 63 Resp: 4914

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV027538.D

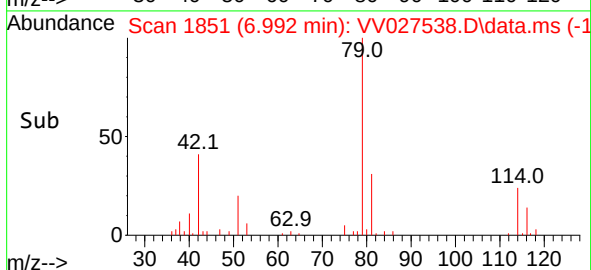
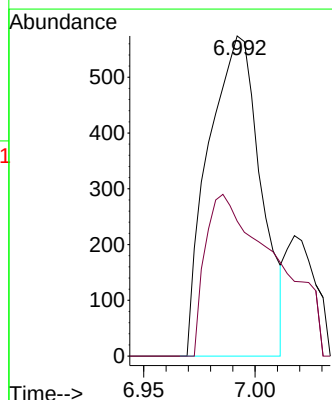
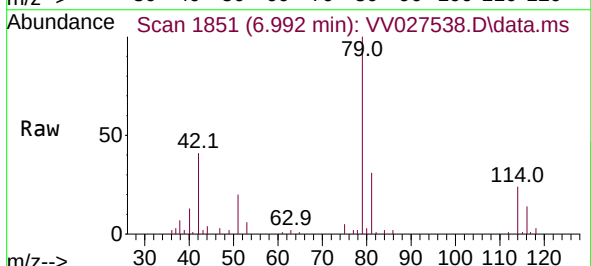
Acq: 26 Aug 2022 16:51

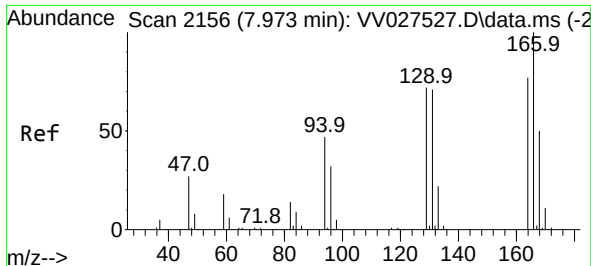
Tgt Ion: 75 Resp: 940

Ion Ratio Lower Upper

75 100

77 42.2 22.9 42.5





#47

Tetrachloroethene

Concen: 3.553 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

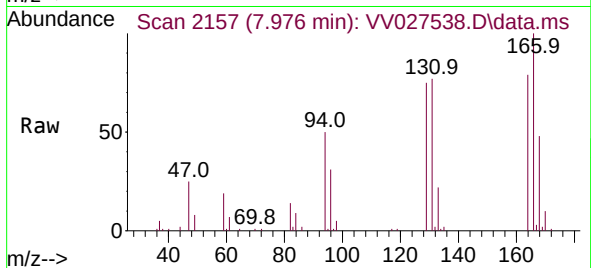
Lab File: VV027538.D

Acq: 26 Aug 2022 16:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 30900

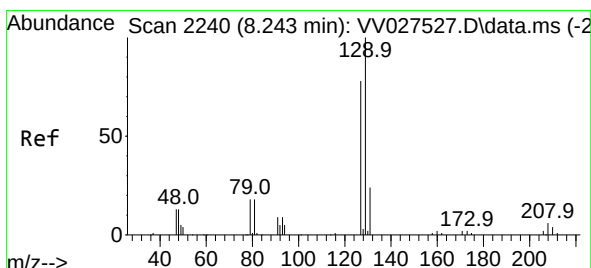
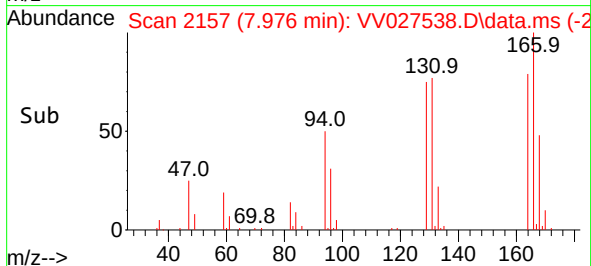
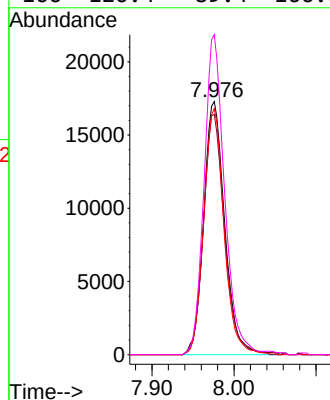
Ion Ratio Lower Upper

164 100

129 95.0 71.1 132.1

131 97.1 64.5 119.9

166 126.4 89.4 166.0



#49

Dibromochloromethane

Concen: 3.227 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027538.D

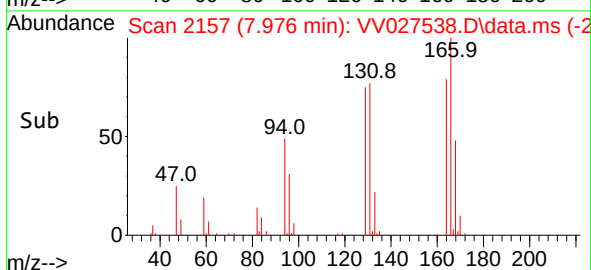
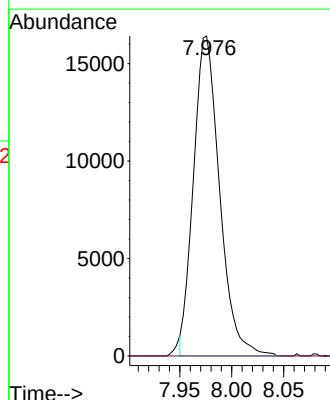
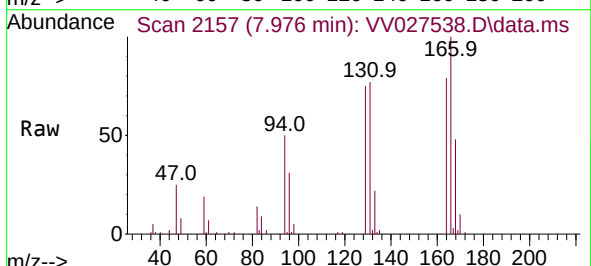
Acq: 26 Aug 2022 16:51

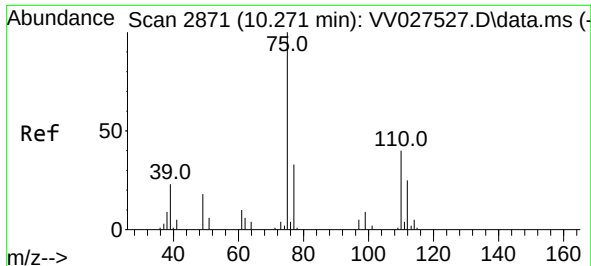
Tgt Ion:129 Resp: 28687

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.381 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV027538.D

Acq: 26 Aug 2022 16:51

Instrument :

MSVOA_V

ClientSampleId :

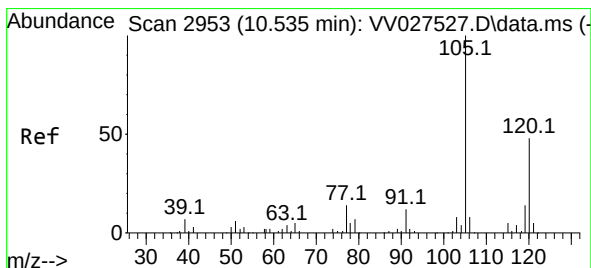
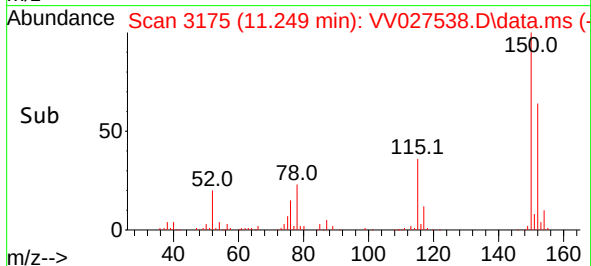
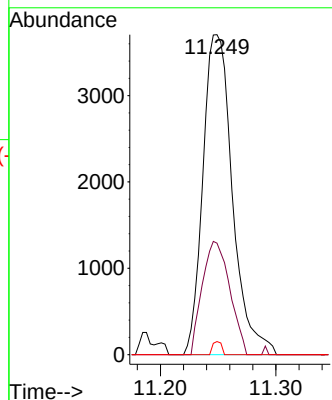
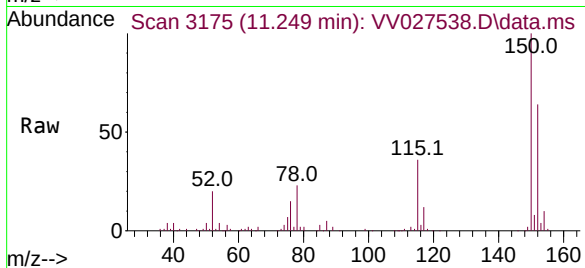
Tgt Ion: 75 Resp: 6583

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

110 1.2 29.9 44.9#



#62

1,3,5-Trimethylbenzene

Concen: 0.063 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.386 min

Lab File: VV027538.D

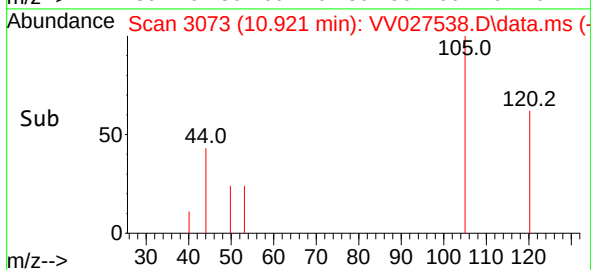
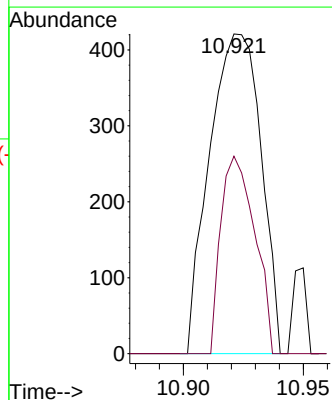
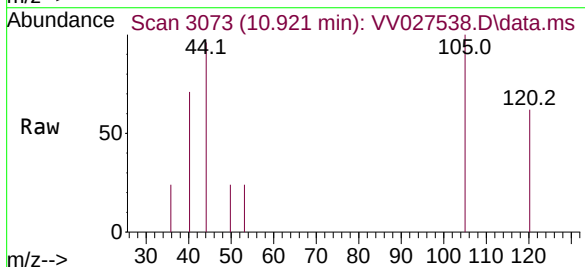
Acq: 26 Aug 2022 16:51

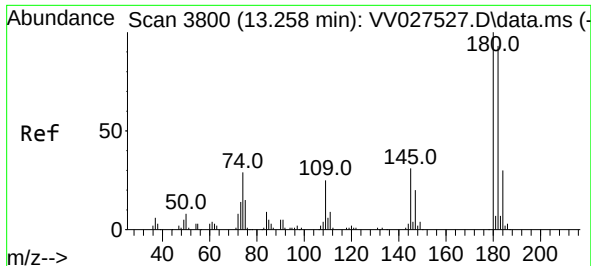
Tgt Ion: 105 Resp: 628

Ion Ratio Lower Upper

105 100

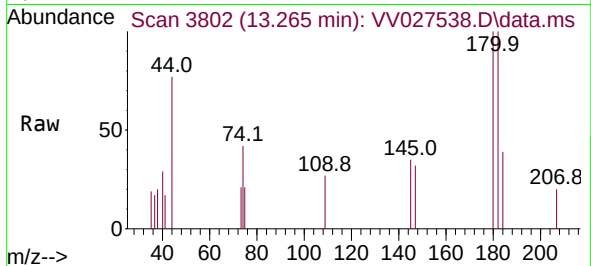
120 40.8 38.7 58.1



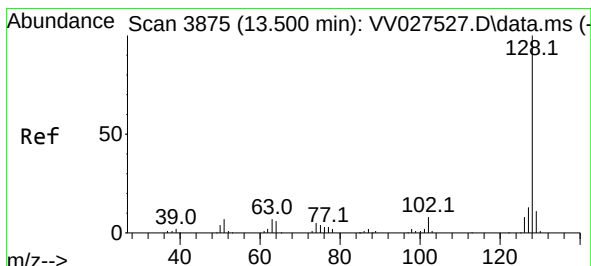
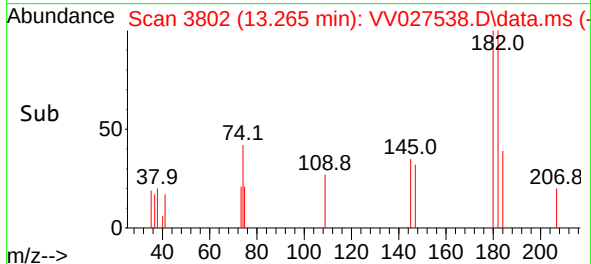
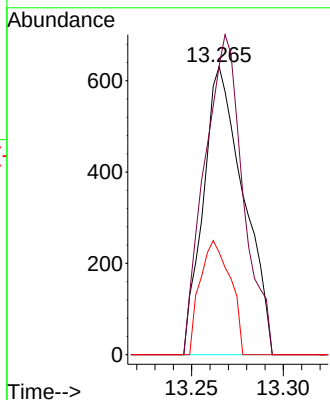


#70
1,2,4-trichlorobenzene
Concen: 0.101 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.007 min
Lab File: VV027538.D
Acq: 26 Aug 2022 16:51

Instrument :
MSVOA_V
ClientSampleId :

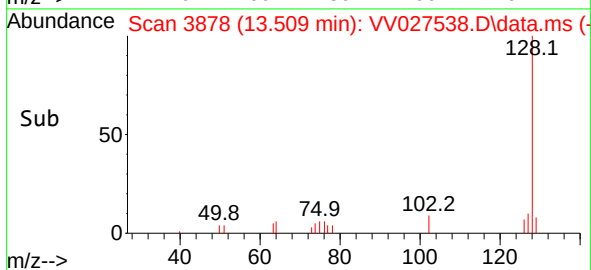
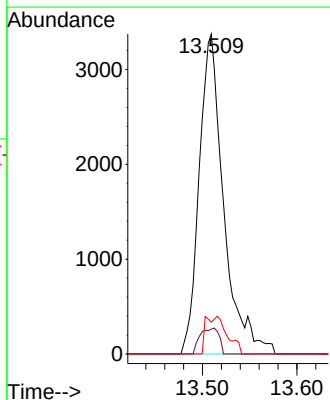
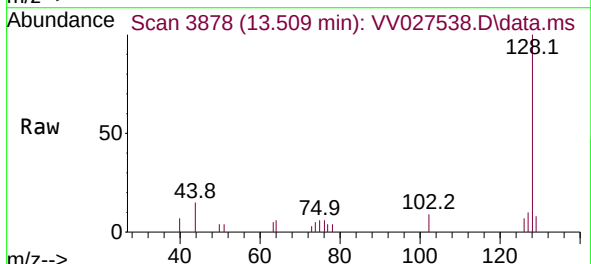


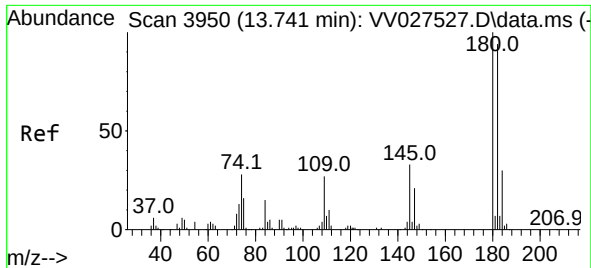
Tgt Ion:180 Resp: 964
Ion Ratio Lower Upper
180 100
182 106.3 76.0 114.0
145 29.7 24.9 37.3



#71
Naphthalene
Concen: 0.461 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV027538.D
Acq: 26 Aug 2022 16:51

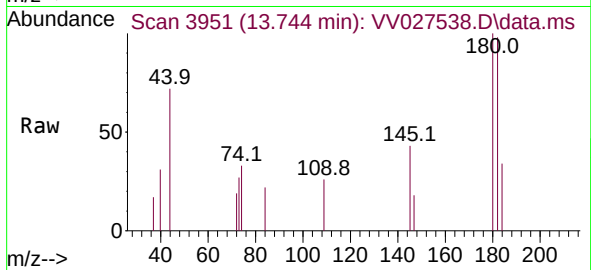
Tgt Ion:128 Resp: 6079
Ion Ratio Lower Upper
128 100
129 6.2 8.7 13.1#
127 3.5 10.4 15.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.142 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV027538.D
 Acq: 26 Aug 2022 16:51

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	75.3	112.9
145	35.0	26.6	39.8

