

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027511.D
 Acq On : 25 Aug 2022 22:20
 Operator : SY/MD
 Sample : N4367-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

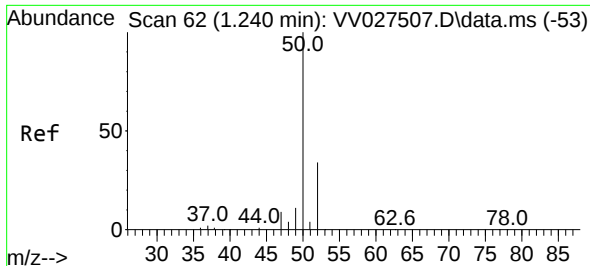
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 02:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33486	3.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.564	69	28235	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.105	63	55191	2.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	3.896	46	41496	38.977	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.960%
24) Chloroform-d	4.349	84	71460	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.034	65	30088	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.047	84	123164	3.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.069	67	39663	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.317	98	97975	3.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	7.629	79	11429	3.588	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.092	63	43665	41.645	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25134	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	32949	4.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	511	0.046	ug/L #	74
6) Bromomethane	1.519	94	487	0.088	ug/L	87
12) 1,1-Dichloroethene	2.105	96	942	0.104	ug/L #	1
14) Carbon disulfide	2.291	76	2135	0.086	ug/L #	68
17) Methyl tert-butyl Ether	2.767	73	2954	0.157	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	2497	0.267	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	12022	1.204	ug/L	87
27) 1,2-Dichloroethane	5.060	62	660	0.062	ug/L #	74
34) Trichloroethene	5.912	95	100730	9.966	ug/L	95
39) cis-1,3-Dichloropropene	6.992	75	913	0.074	ug/L	93
47) Tetrachloroethene	7.976	164	31054	3.944	ug/L	96
49) Dibromochloromethane	7.976	129	26936	3.346	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	5911	1.323	ug/L #	66

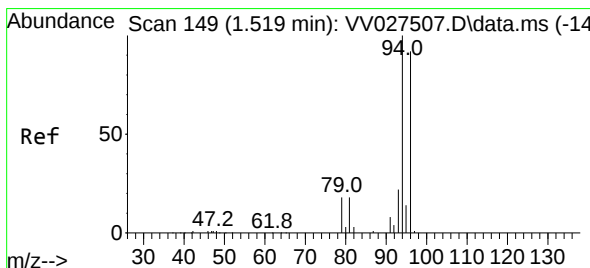
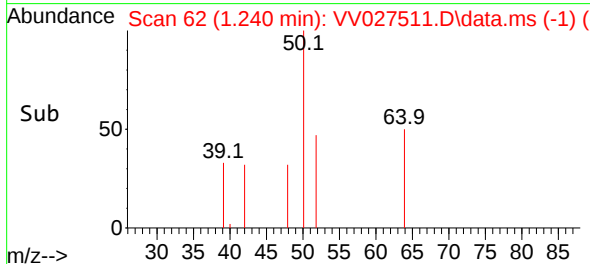
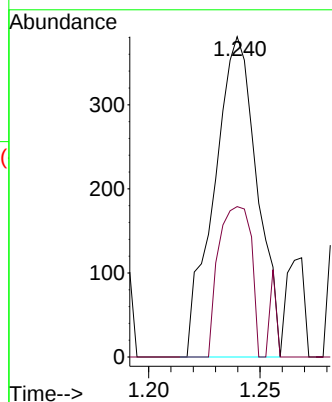
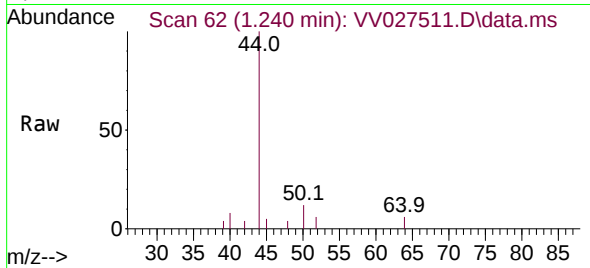
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

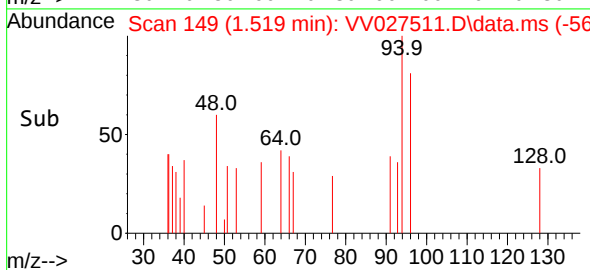
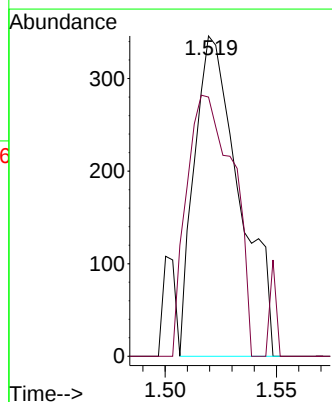
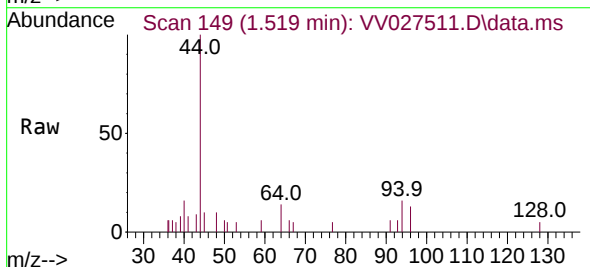
Instrument :
MSVOA_V
ClientSampleId :

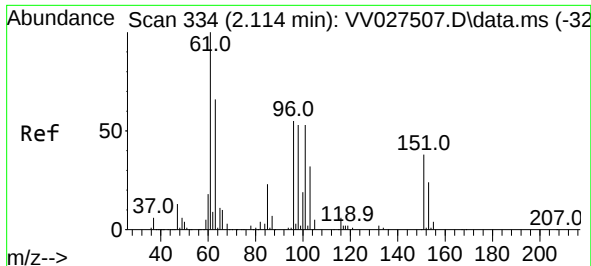
Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 47.0 22.8 42.4#



#6
Bromomethane
Concen: 0.088 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

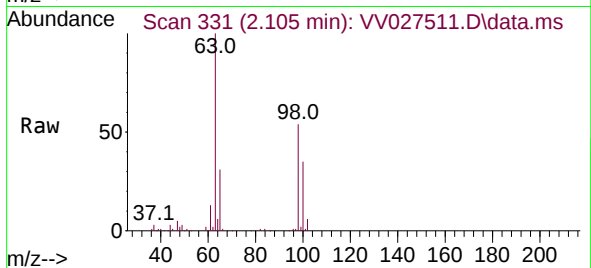
Tgt Ion: 94 Resp: 487
Ion Ratio Lower Upper
94 100
96 80.9 65.2 121.0



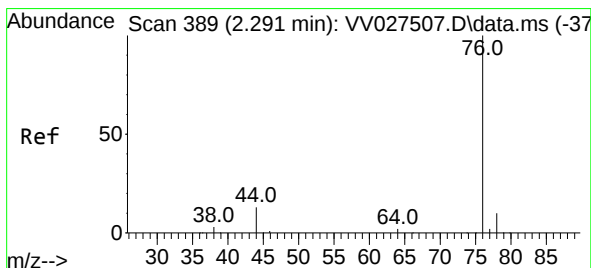
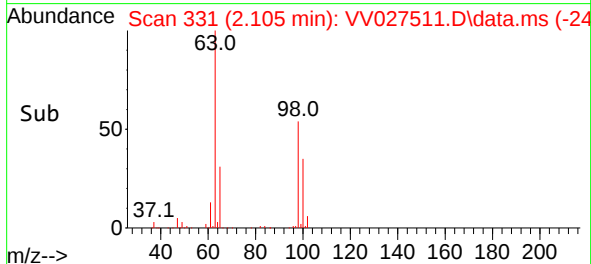
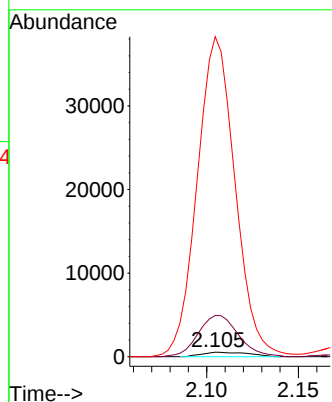


#12
1,1-Dichloroethene
Concen: 0.104 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

Instrument :
MSVOA_V
ClientSampleId :

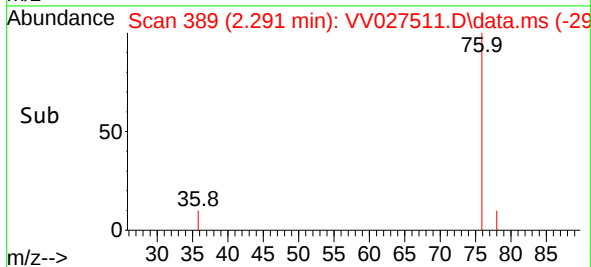
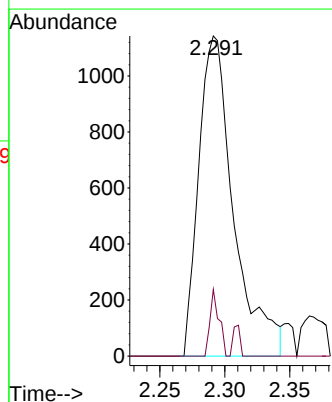
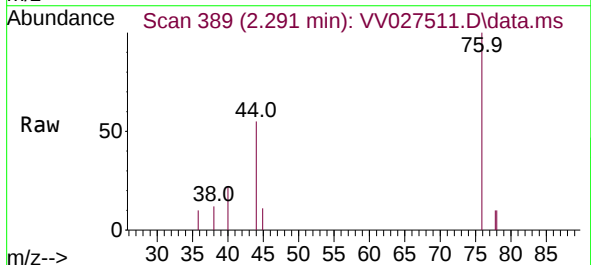


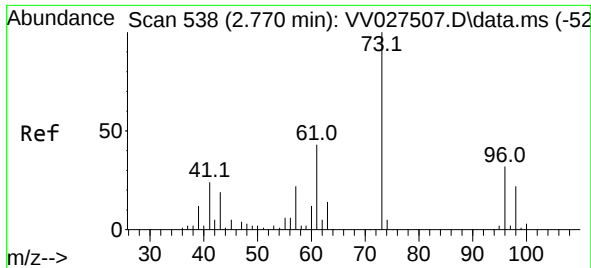
Tgt Ion: 96 Resp: 942
Ion Ratio Lower Upper
96 100
61 931.9 130.2 241.8#
63 7224.2 87.4 162.4#



#14
Carbon disulfide
Concen: 0.086 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

Tgt Ion: 76 Resp: 2135
Ion Ratio Lower Upper
76 100
78 20.8 7.3 10.9#

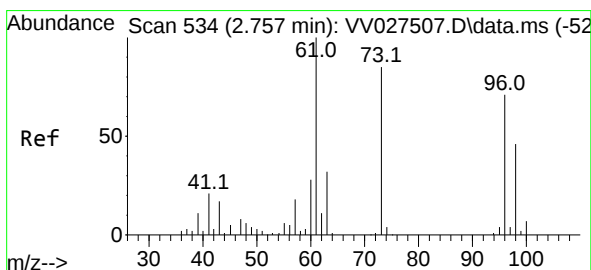
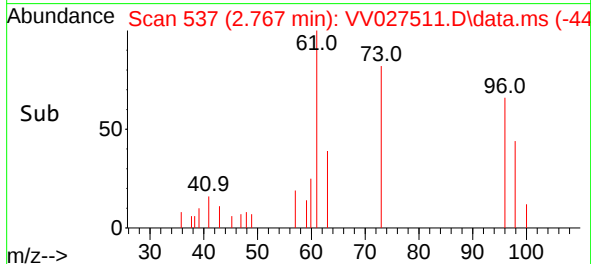
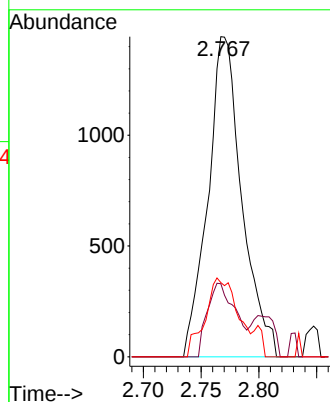
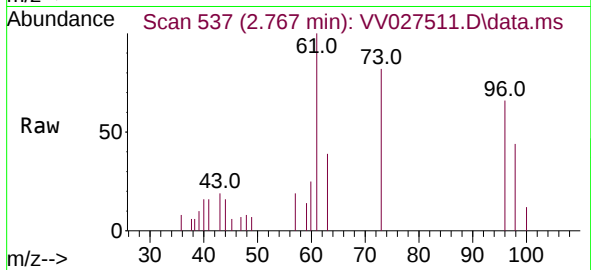




#17
Methyl tert-butyl Ether
Concen: 0.157 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

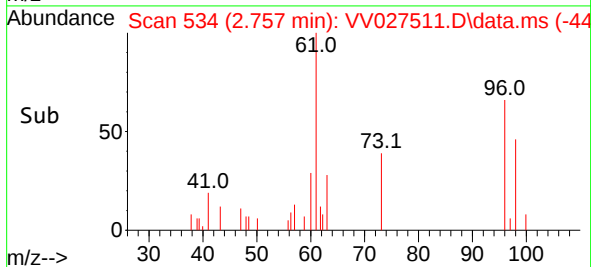
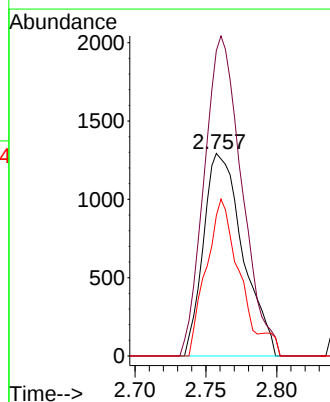
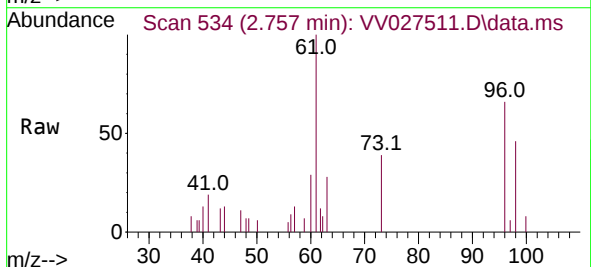
Instrument :
MSVOA_V
ClientSampleId :

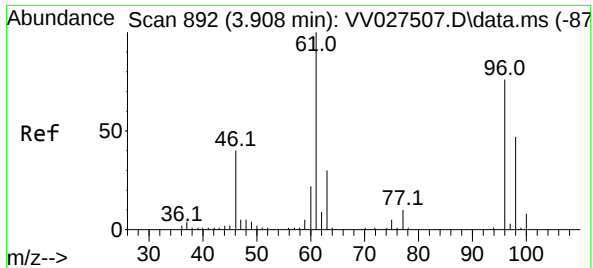
Tgt Ion: 73 Resp: 2954
Ion Ratio Lower Upper
73 100
43 19.1 15.6 23.4
57 23.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.267 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027511.D
Acq: 25 Aug 2022 22:20

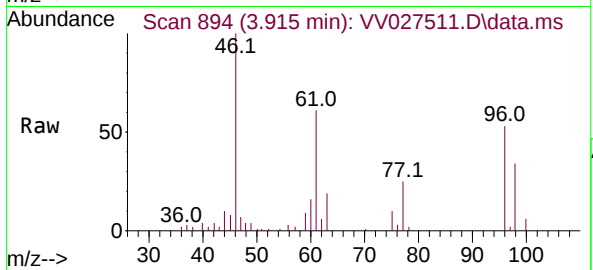
Tgt Ion: 96 Resp: 2497
Ion Ratio Lower Upper
96 100
61 150.8 97.6 181.4
98 69.4 45.9 85.3



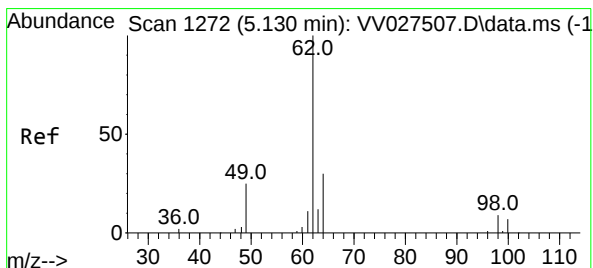
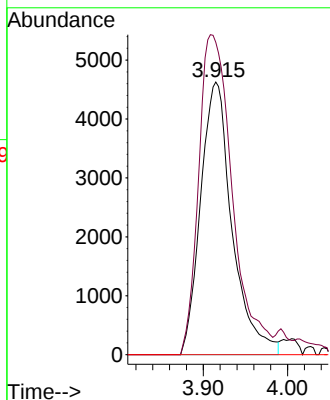
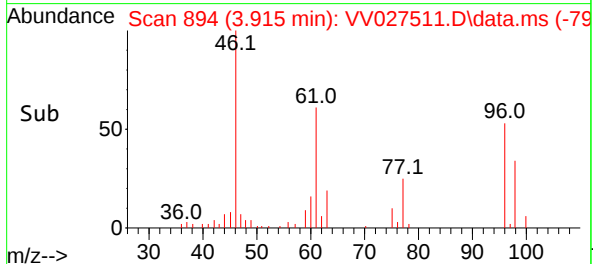


#22
 cis-1,2-Dichloroethene
 Concen: 1.204 ug/L
 RT: 3.915 min Scan# 892
 Delta R.T. 0.006 min
 Lab File: VV027511.D
 Acq: 25 Aug 2022 22:20

Instrument :
 MSVOA_V
 ClientSampleId :

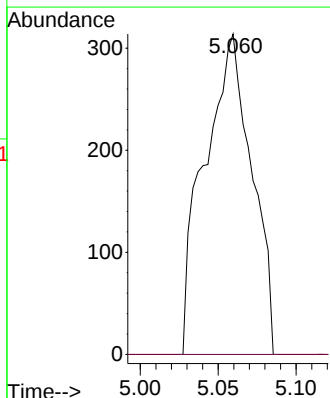
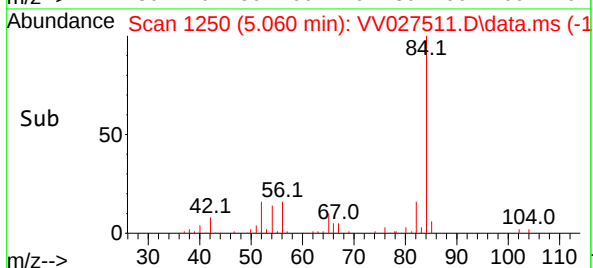
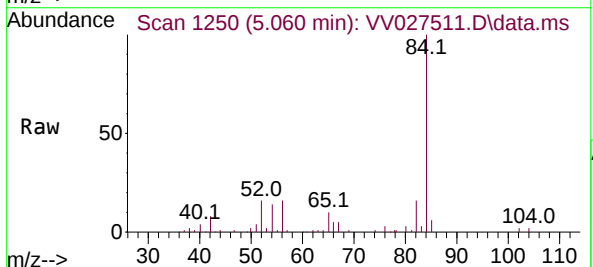


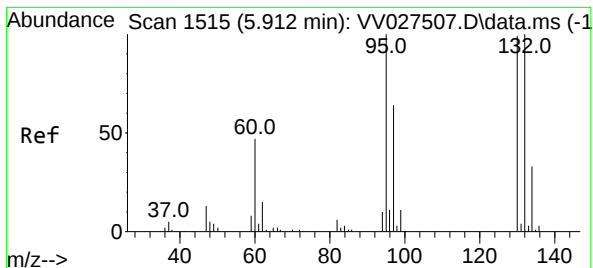
Tgt Ion: 96 Resp: 12022
 Ion Ratio Lower Upper
 96 100
 61 114.5 90.6 168.2
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.062 ug/L
 RT: 5.060 min Scan# 1250
 Delta R.T. -0.071 min
 Lab File: VV027511.D
 Acq: 25 Aug 2022 22:20

Tgt Ion: 62 Resp: 660
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.2#





#34

Trichloroethene

Concen: 9.966 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027511.D

Acq: 25 Aug 2022 22:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 100730

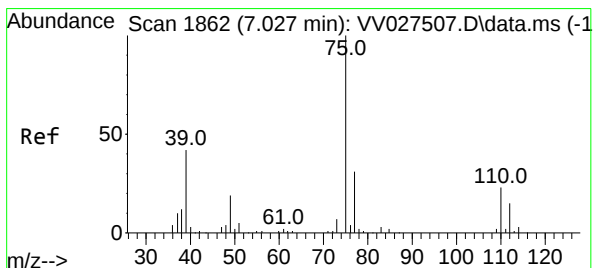
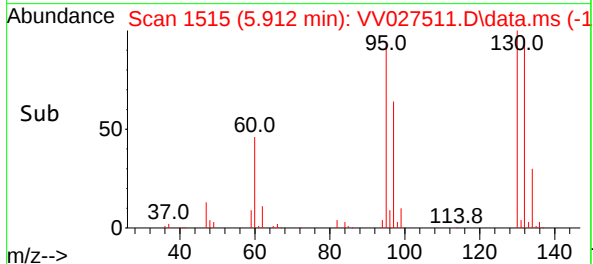
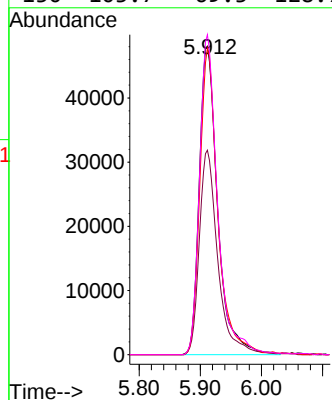
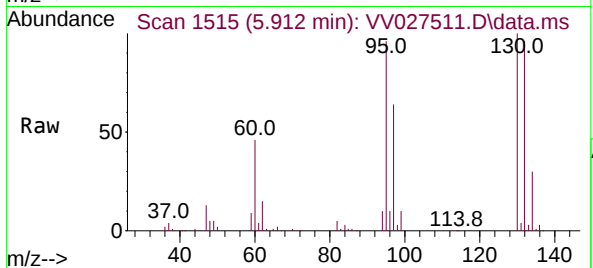
Ion Ratio Lower Upper

95 100

97 66.3 45.0 83.6

132 99.4 65.7 121.9

130 103.7 69.3 128.7



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV027511.D

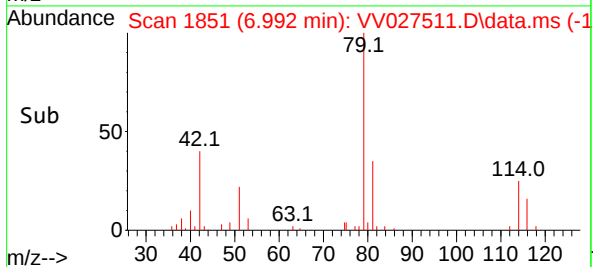
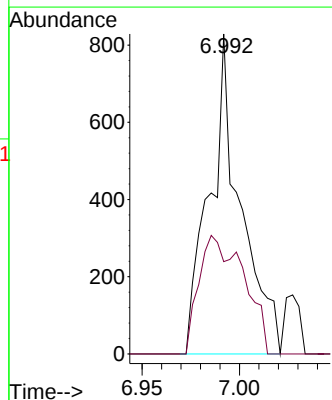
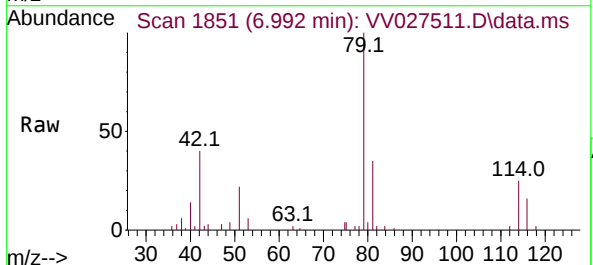
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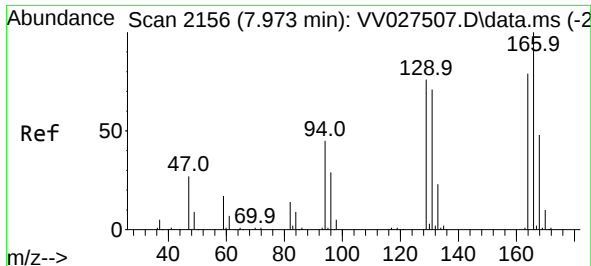
Tgt Ion: 75 Resp: 913

Ion Ratio Lower Upper

75 100

77 28.8 22.9 42.5





#47

Tetrachloroethene

Concen: 3.944 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027511.D

Acq: 25 Aug 2022 22:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 31054

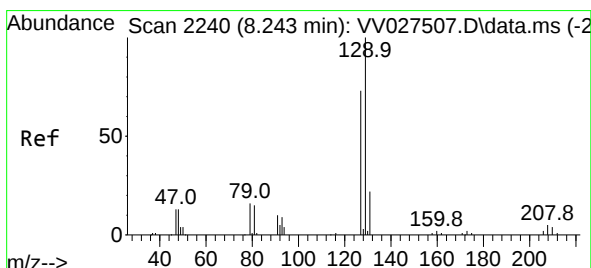
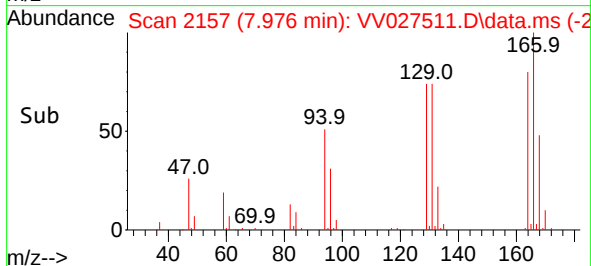
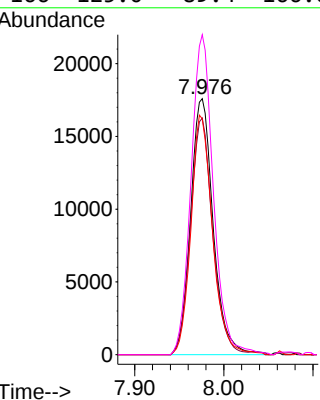
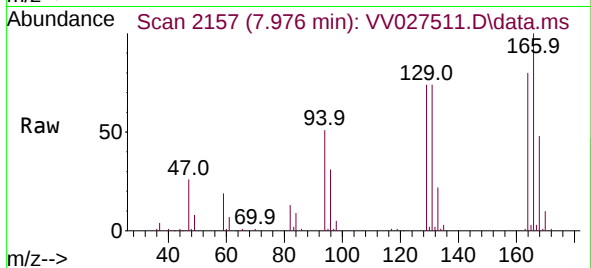
Ion Ratio Lower Upper

164 100

129 92.5 71.1 132.1

131 92.1 64.5 119.9

166 125.0 89.4 166.0



#49

Dibromochloromethane

Concen: 3.346 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027511.D

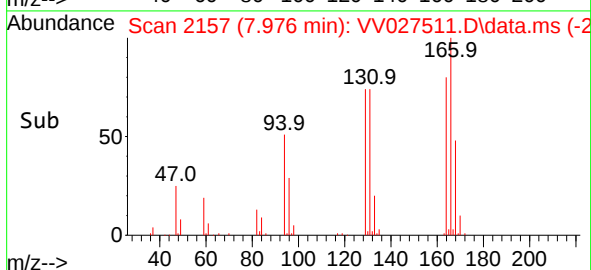
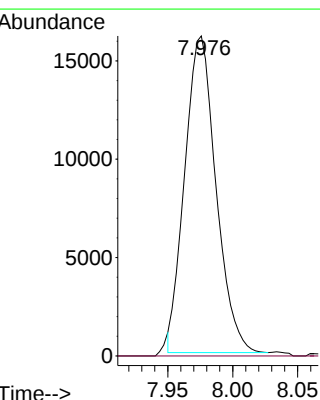
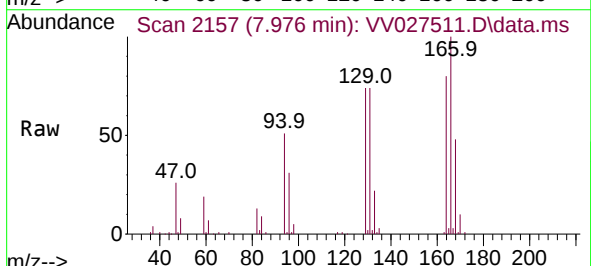
Acq: 25 Aug 2022 22:20

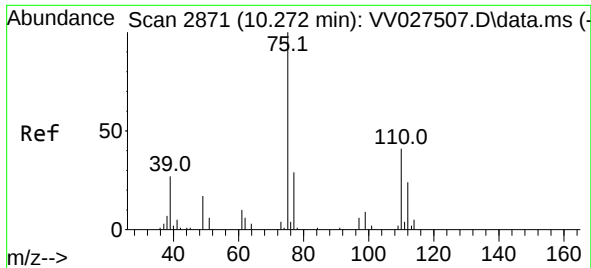
Tgt Ion:129 Resp: 26936

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 1.323 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

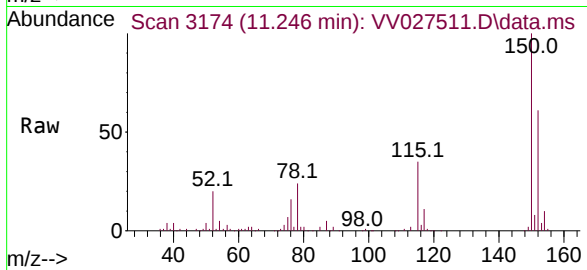
Lab File: VV027511.D

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MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5911

Ion Ratio Lower Upper

75 100

77 33.4 26.2 39.2

110 0.0 29.9 44.9#

