

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
 Data File : VV028927.D
 Acq On : 14 Nov 2022 10:32
 Operator : SY/MD
 Sample : VV1114WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK261

Quant Time: Nov 15 00:02:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

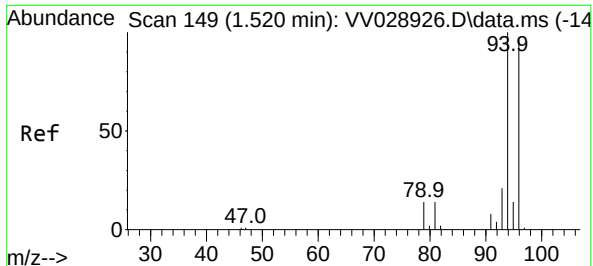
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	262713	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	240735	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	114279	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68822	4.297	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.565	69	65802	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.105	63	97622	3.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.892	46	74762	27.885	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.780%
24) Chloroform-d	4.339	84	154571	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.024	65	69465	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.040	84	330327	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.063	67	92530	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.310	98	290546	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.619	79	29868	4.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.088	63	123579	44.240	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	60820	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	99065	4.845	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
6) Bromomethane	1.523	94	716	0.058	ug/L	95
8) Chloroethane	1.429	64	36905	3.029	ug/L #	51
14) Carbon disulfide	2.294	76	3457	0.061	ug/L #	85
25) Chloroform	4.368	83	2635	0.083	ug/L #	75
35) Methylcyclohexane	6.063	83	22765	0.688	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9900	0.584	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2076	0.088	ug/L #	44
44) trans-1,3-Dichloropropene	7.619	75	1375	0.075	ug/L #	70
61) 1,2,3-Trichloropropane	11.239	75	12481	1.598	ug/L #	66
70) 1,2,4-trichlorobenzene	13.259	180	2194	0.108	ug/L	97
71) Naphthalene	13.503	128	6452	0.246	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.734	180	2199	0.128	ug/L	91

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

Quant Time: Nov 15 00:02:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
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QLast Update : Tue Nov 15 00:01:45 2022
Response via : Initial Calibration

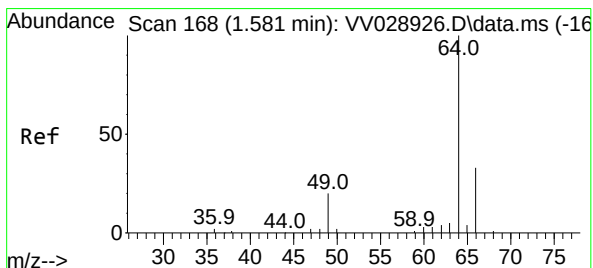
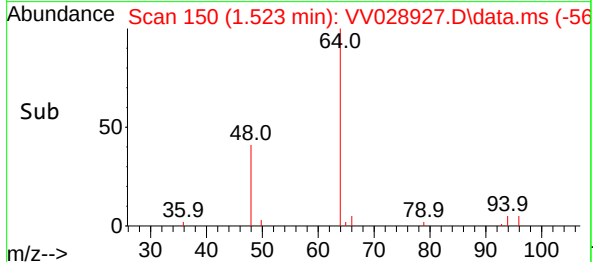
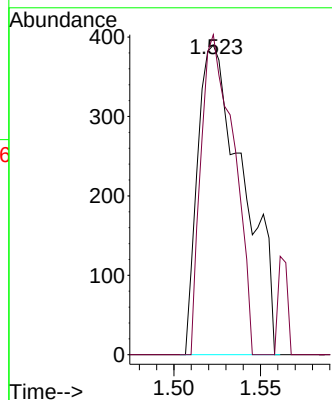
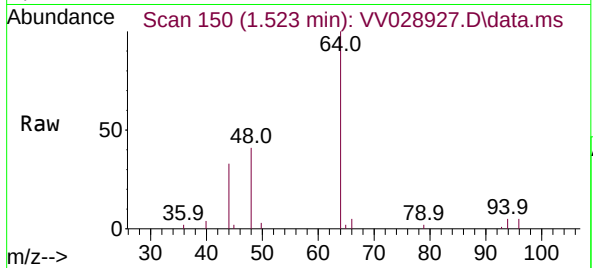




#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028927.D
Acq: 14 Nov 2022 10:32

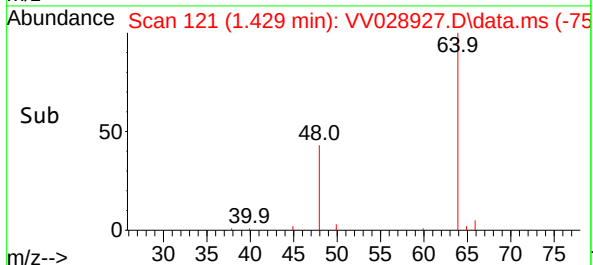
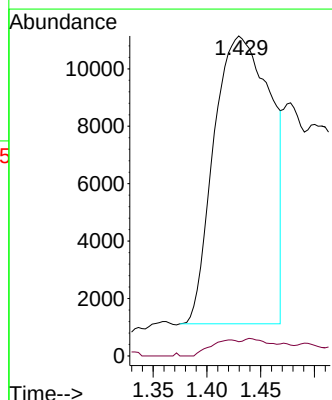
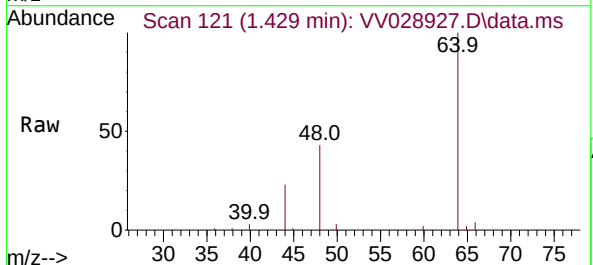
Instrument :
MSVOA_V
ClientSampleId :
VBLK261

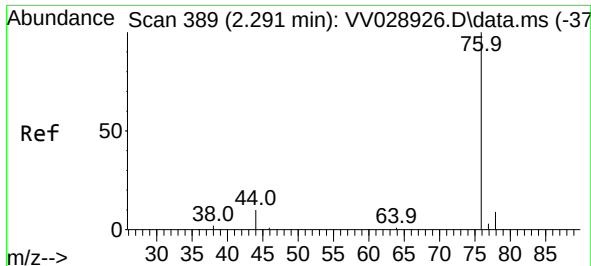
Tgt Ion: 94 Resp: 716
Ion Ratio Lower Upper
94 100
96 103.3 68.5 127.3



#8
Chloroethane
Concen: 3.029 ug/L
RT: 1.429 min Scan# 121
Delta R.T. -0.151 min
Lab File: VV028927.D
Acq: 14 Nov 2022 10:32

Tgt Ion: 64 Resp: 36905
Ion Ratio Lower Upper
64 100
66 4.5 22.0 40.8#

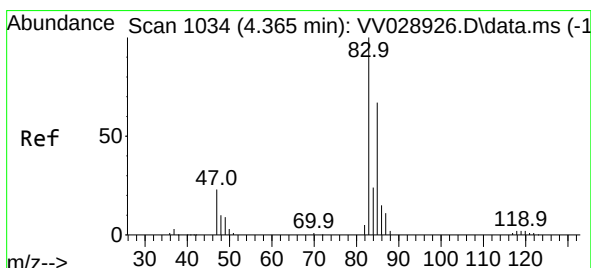
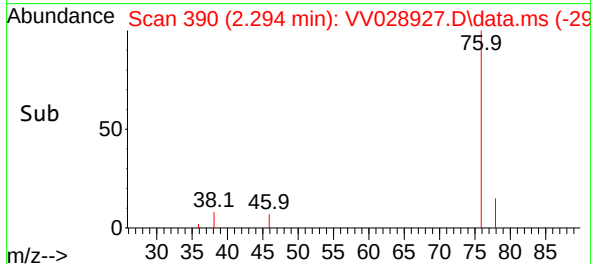
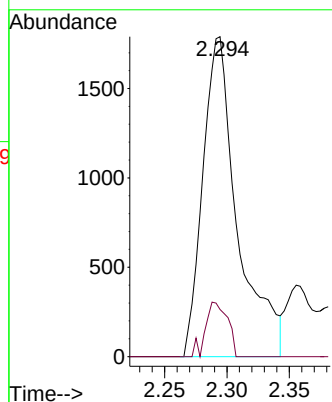
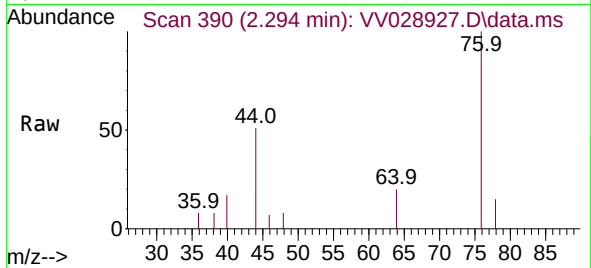




#14
Carbon disulfide
Concen: 0.061 ug/L
RT: 2.294 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028927.D
Acq: 14 Nov 2022 10:32

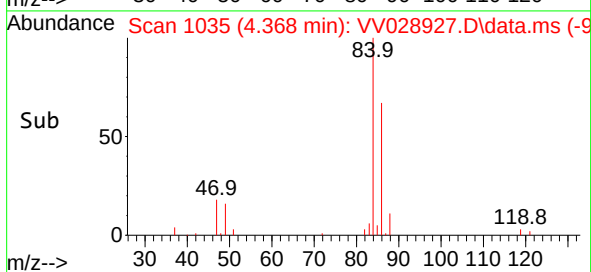
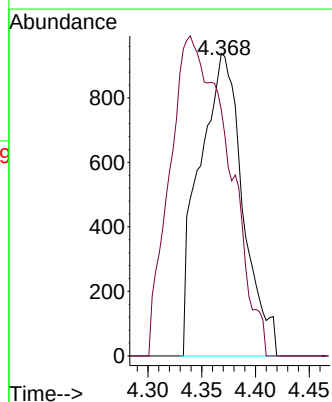
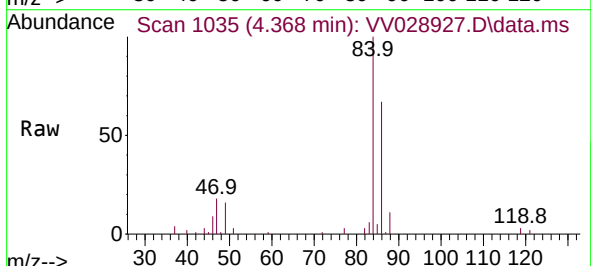
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MSVOA_V
ClientSampleId :
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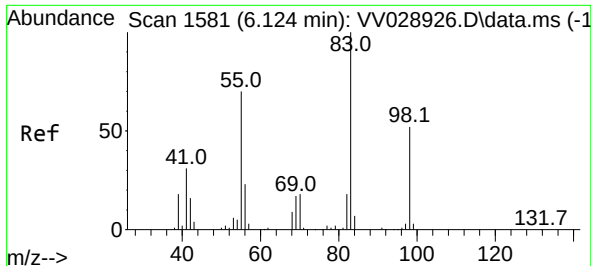
Tgt Ion: 76 Resp: 3457
Ion Ratio Lower Upper
76 100
78 14.7 7.4 11.2#



#25
Chloroform
Concen: 0.083 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV028927.D
Acq: 14 Nov 2022 10:32

Tgt Ion: 83 Resp: 2635
Ion Ratio Lower Upper
83 100
85 81.3 43.7 81.1#





#35

Methylcyclohexane

Concen: 0.688 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV028927.D

Acq: 14 Nov 2022 10:32

Instrument :

MSVOA_V

ClientSampleId :

VBLK261

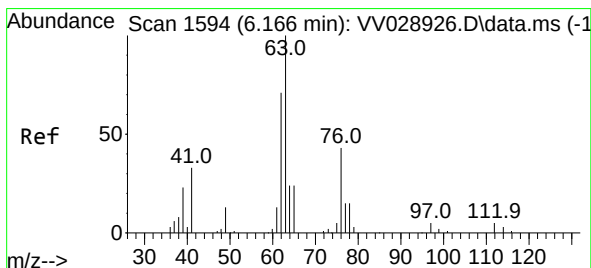
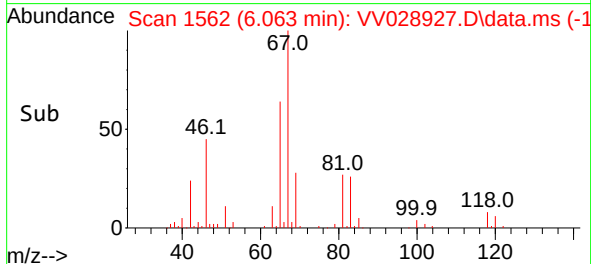
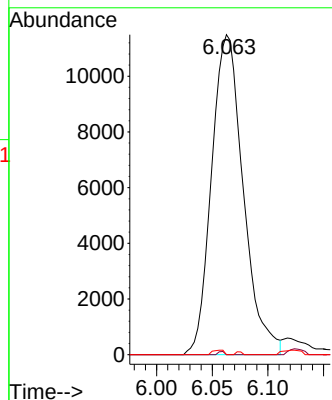
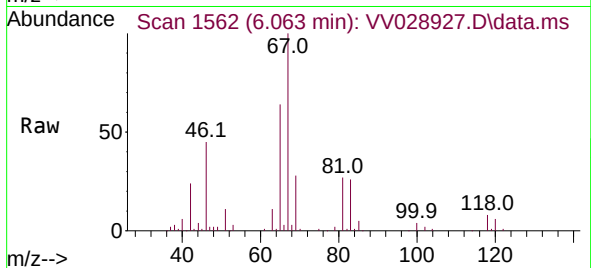
Tgt Ion: 83 Resp: 22765

Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.5 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028927.D

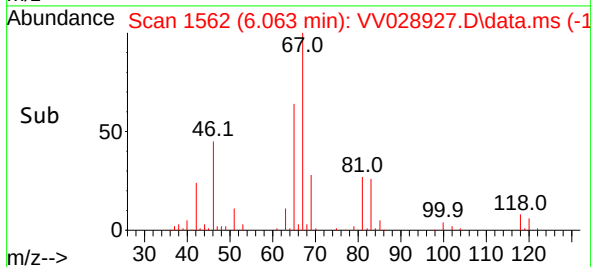
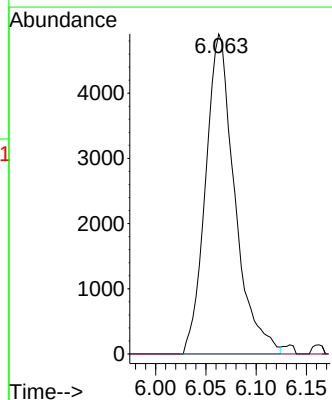
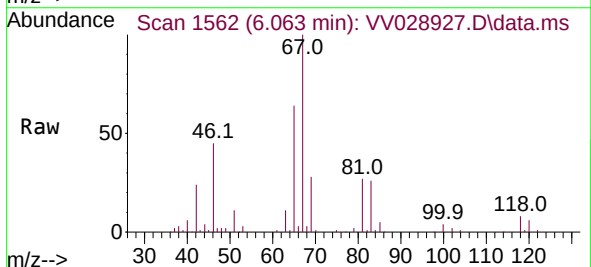
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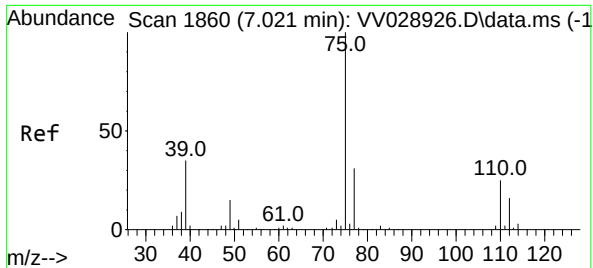
Tgt Ion: 63 Resp: 9900

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

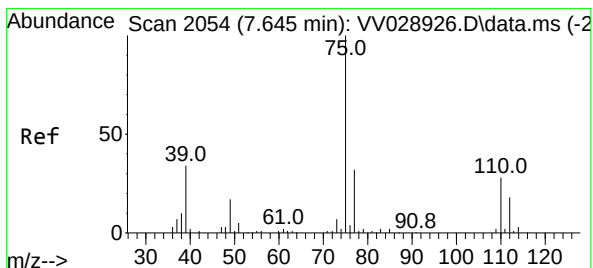
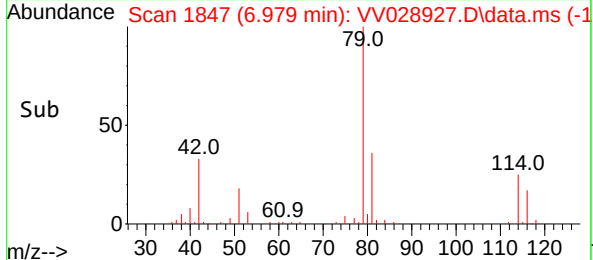
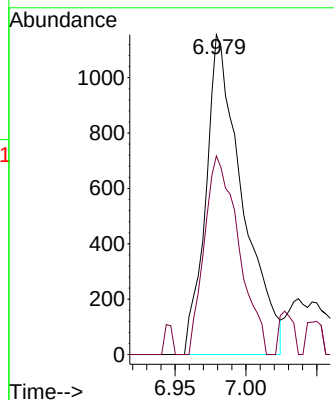
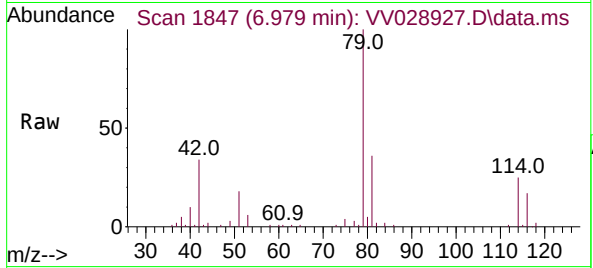




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 6.979 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV028927.D
 Acq: 14 Nov 2022 10:32

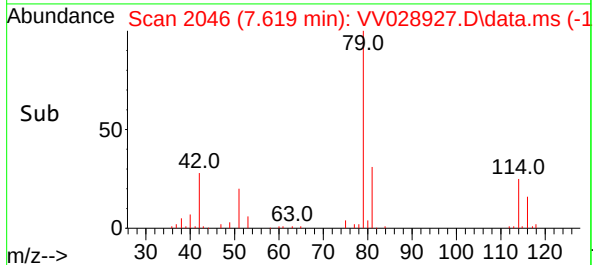
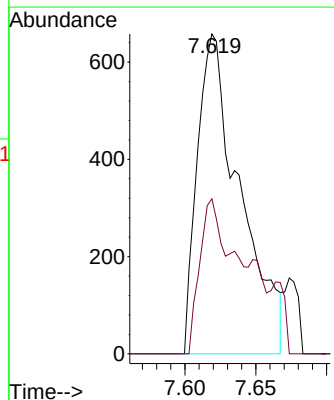
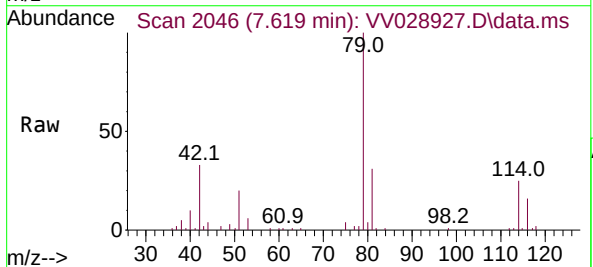
Instrument :
 MSVOA_V
 ClientSampleId :
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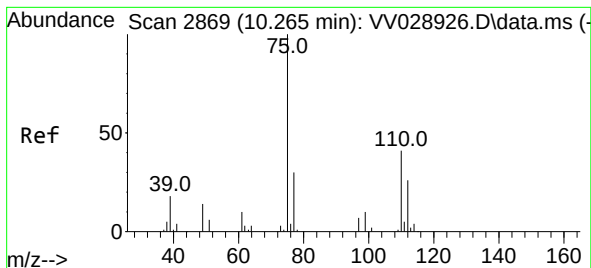
Tgt Ion: 75 Resp: 2076
 Ion Ratio Lower Upper
 75 100
 77 62.1 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.619 min Scan# 2046
 Delta R.T. -0.026 min
 Lab File: VV028927.D
 Acq: 14 Nov 2022 10:32

Tgt Ion: 75 Resp: 1375
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.2 41.2#





#61

1,2,3-Trichloropropane

Concen: 1.598 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV028927.D

Acq: 14 Nov 2022 10:32

Instrument :

MSVOA_V

ClientSampleId :

VBLK261

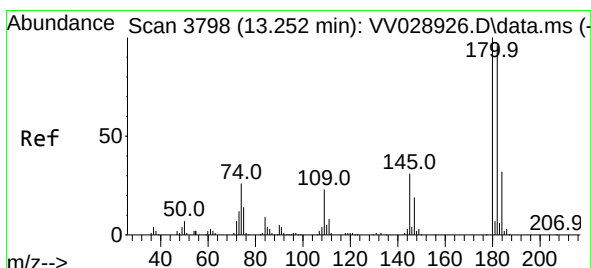
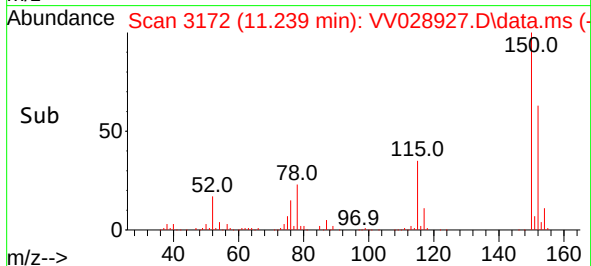
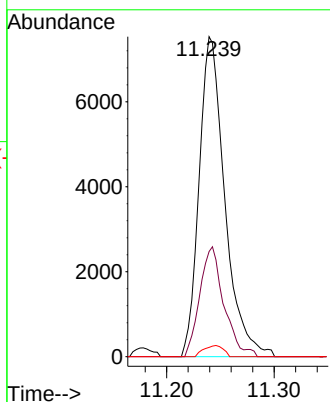
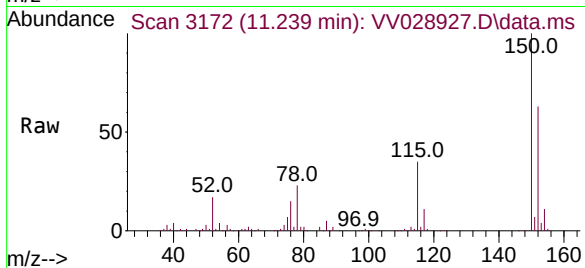
Tgt Ion: 75 Resp: 12481

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 2.7 32.6 48.8#



#70

1,2,4-trichlorobenzene

Concen: 0.108 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.006 min

Lab File: VV028927.D

Acq: 14 Nov 2022 10:32

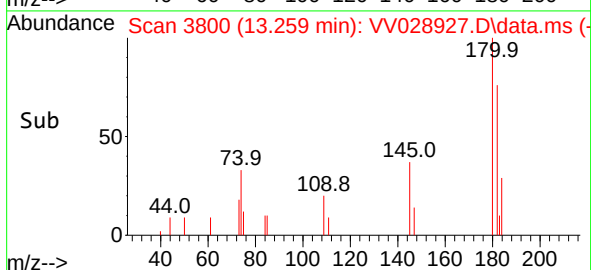
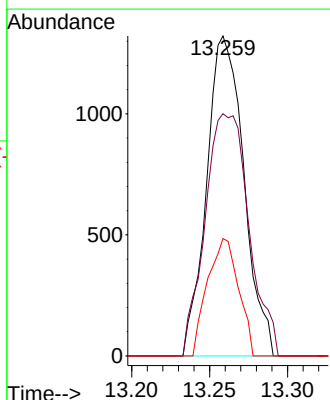
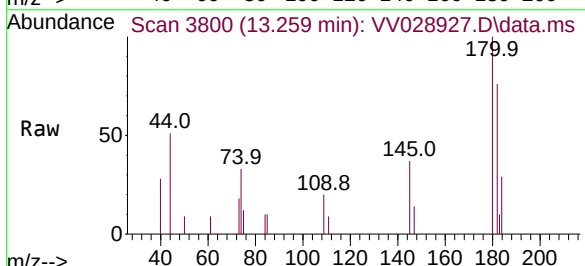
Tgt Ion:180 Resp: 2194

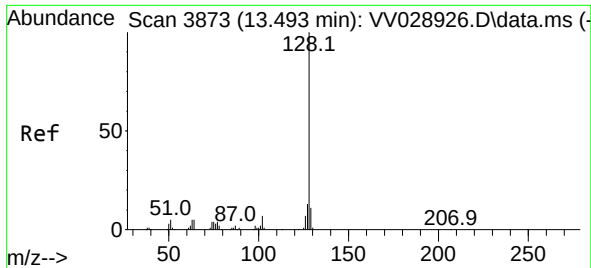
Ion Ratio Lower Upper

180 100

182 89.2 74.3 111.5

145 30.5 23.7 35.5

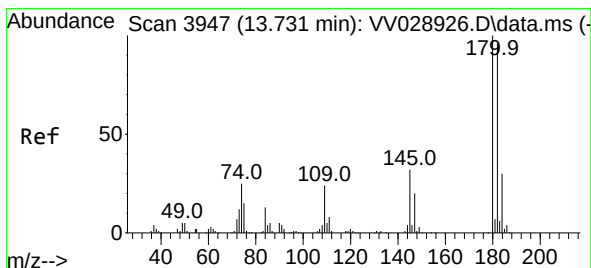
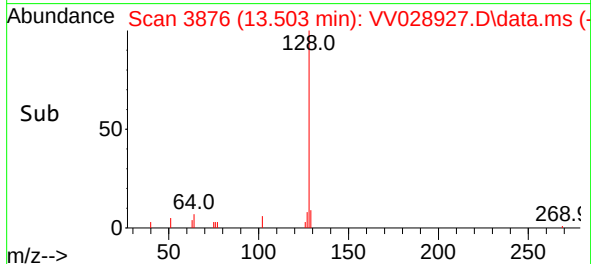
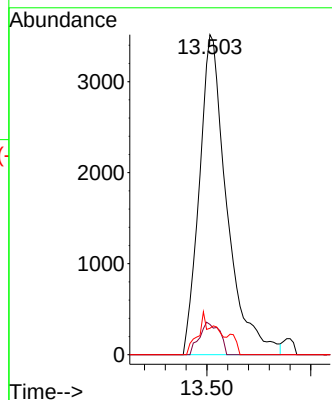
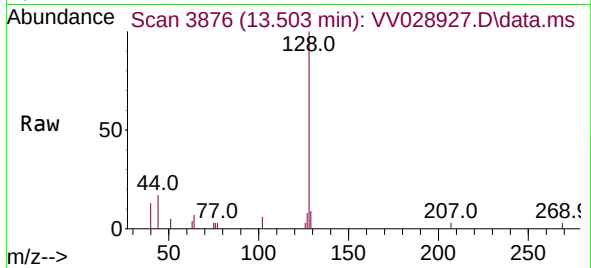




#71
Naphthalene
Concen: 0.246 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028927.D
Acq: 14 Nov 2022 10:32

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Tgt Ion:128 Resp: 6452
Ion Ratio Lower Upper
128 100
129 7.3 8.8 13.2#
127 5.2 9.8 14.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.128 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV028927.D
Acq: 14 Nov 2022 10:32

Tgt Ion:180 Resp: 2199
Ion Ratio Lower Upper
180 100
182 102.5 75.4 113.2
145 25.4 24.9 37.3

