

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024489.D
 Acq On : 28 Jan 2022 16:14
 Operator : SY/MD
 Sample : VW0128WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK299

Quant Time: Jan 29 03:51:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	127229	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	139685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41673	3.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.568	69	43792	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.108	63	69033	3.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.918	46	75897	42.723	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.440%
24) Chloroform-d	4.349	84	105511	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.034	65	49396	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.050	84	185697	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.069	67	61059	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	147040	3.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.625	79	19175	4.251	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.091	63	71311	46.232	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41082	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	57589	5.013	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
6) Bromomethane	1.526	94	558	0.068	ug/L	90
12) 1,1-Dichloroethene	2.114	96	1920	0.201	ug/L #	1
16) Methylene chloride	2.506	84	3051	0.312	ug/L	90
22) cis-1,2-Dichloroethene	3.921	96	439	0.048	ug/L	92
25) Chloroform	4.375	83	4398	0.226	ug/L	96
34) Trichloroethene	5.918	95	7269	0.688	ug/L	93
35) Methylcyclohexane	6.069	83	15575	0.999	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	6526	0.711	ug/L #	84
38) Bromodichloromethane	6.522	83	677	0.054	ug/L #	74
44) trans-1,3-Dichloropropene	7.628	75	1015	0.098	ug/L	93
47) Tetrachloroethene	7.979	164	4746	0.570	ug/L	96
49) Dibromochloromethane	7.979	129	4521	0.585	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7451	1.795	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.644	75	112	0.139	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.648	180	1202	0.089	ug/L #	89
70) 1,2,4-trichlorobenzene	13.268	180	1214	0.119	ug/L #	92
71) Naphthalene	13.512	128	2816	0.218	ug/L	94
72) 1,2,3-Trichlorobenzene	13.747	180	1151	0.132	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012822\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 29 03:50:16 2022
Response via : Initial Calibration

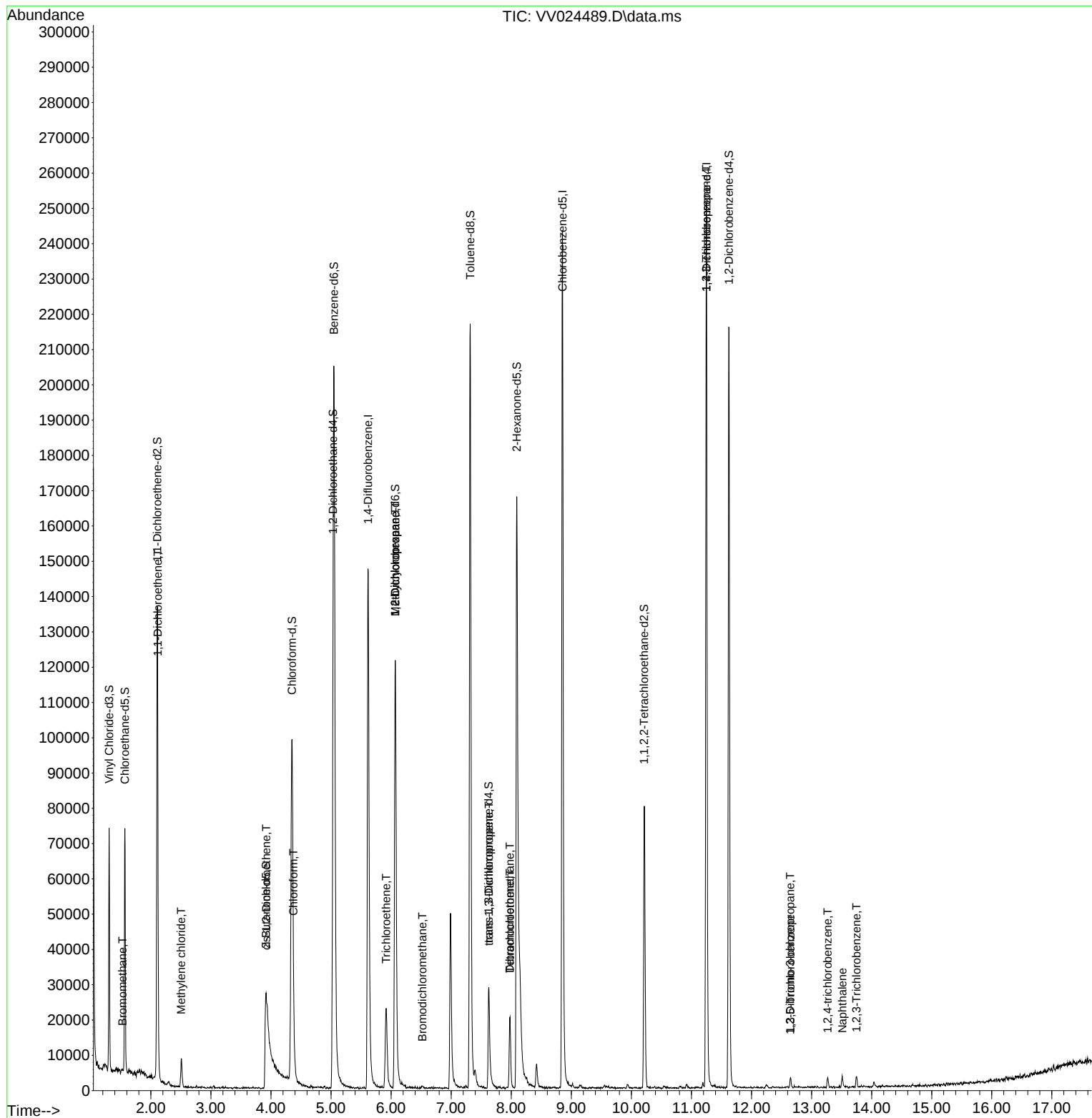
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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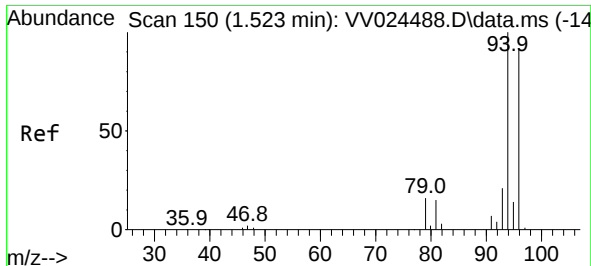
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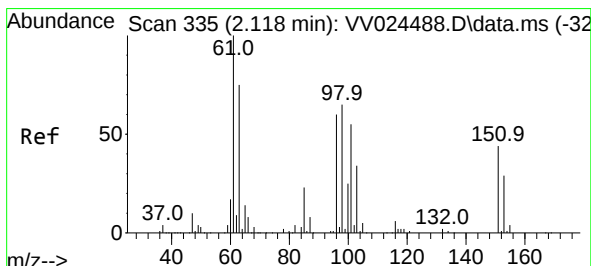
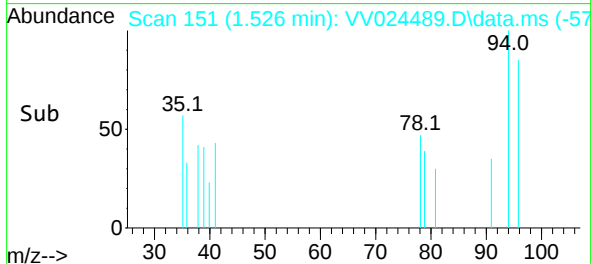
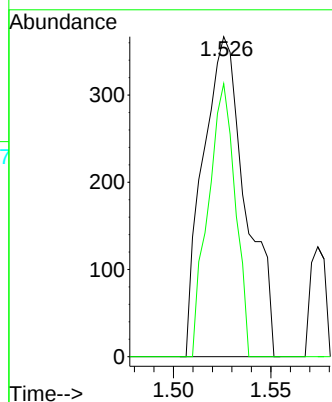
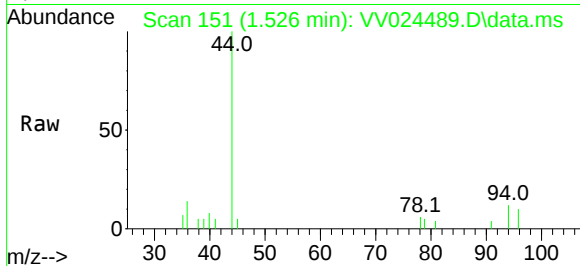




#6
Bromomethane
Concen: 0.068 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

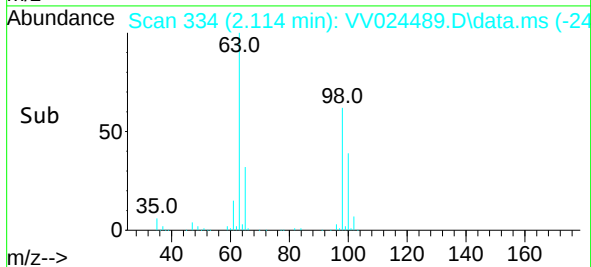
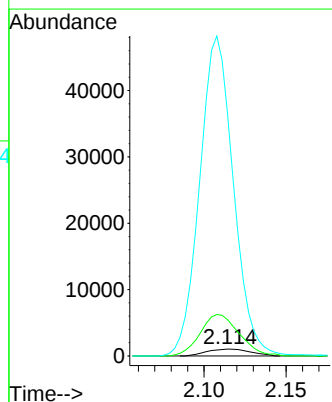
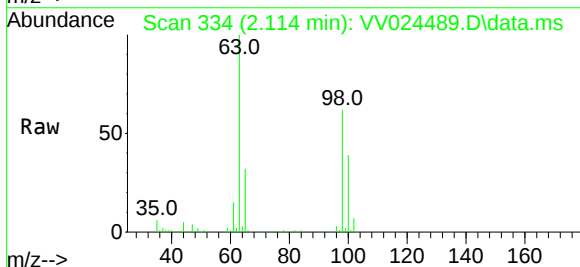
Instrument :
MSVOA_V
ClientSampleId :
VBLK299

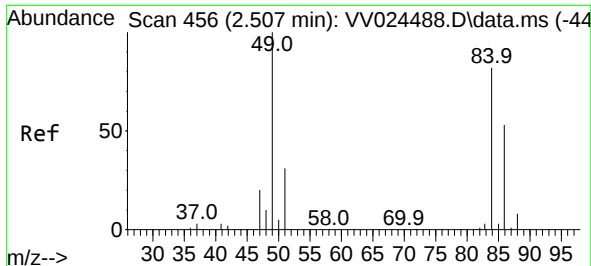
Tgt Ion: 94 Resp: 558
Ion Ratio Lower Upper
94 100
96 85.3 66.2 123.0



#12
1,1-Dichloroethene
Concen: 0.201 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

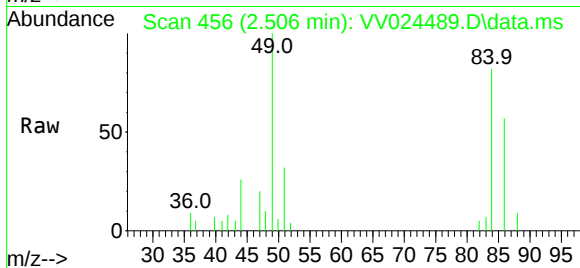
Tgt Ion: 96 Resp: 1920
Ion Ratio Lower Upper
96 100
61 532.9 116.1 215.5#
63 3551.3 79.4 147.4#





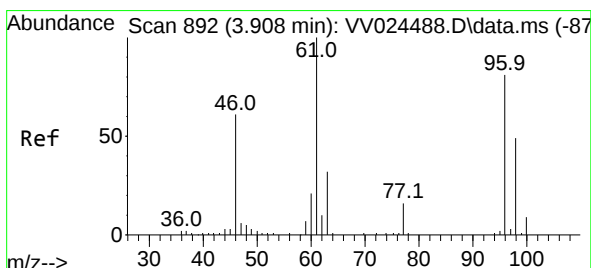
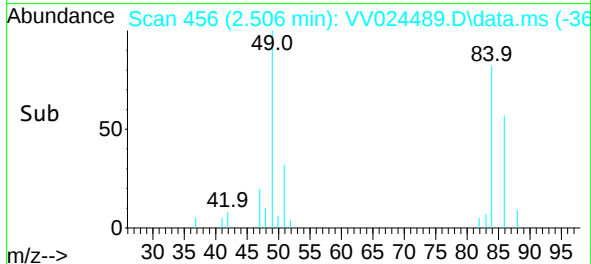
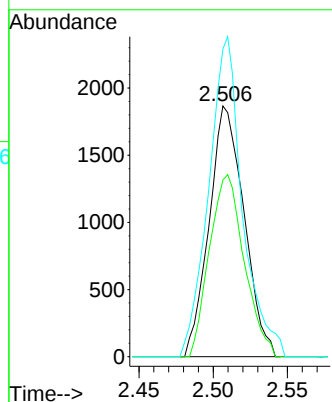
#16
Methylene chloride
Concen: 0.312 ug/L
RT: 2.506 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :
VBLK299



Tgt Ion: 84 Resp: 3051

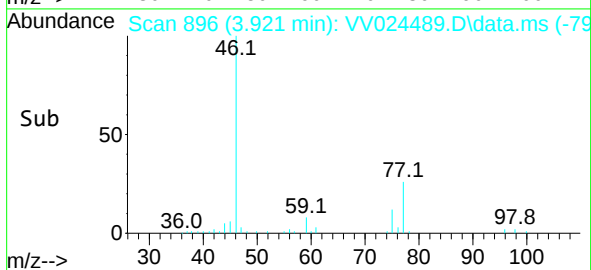
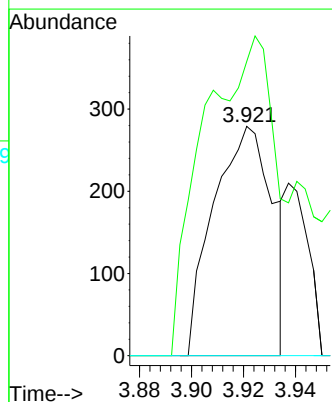
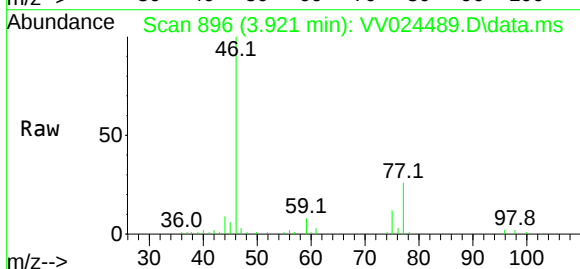
Ion	Ratio	Lower	Upper
84	100		
86	70.4	42.6	79.0
49	122.7	79.7	147.9

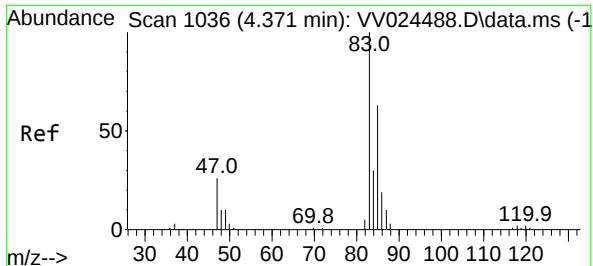


#22
cis-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

Tgt Ion: 96 Resp: 439

Ion	Ratio	Lower	Upper
96	100		
61	128.3	83.4	154.8
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.226 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024489.D

Acq: 28 Jan 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

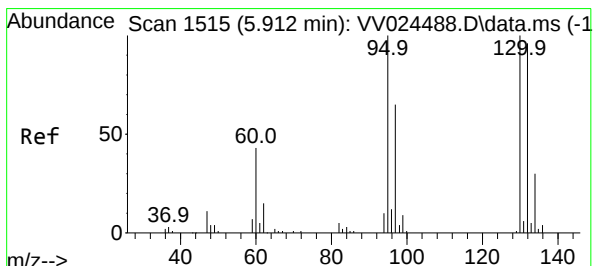
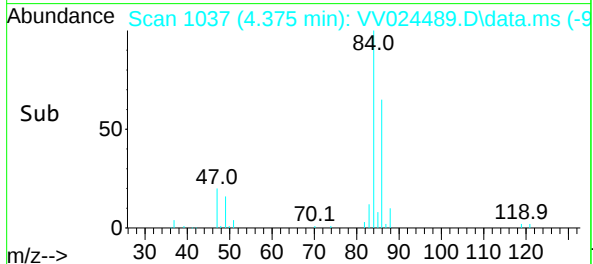
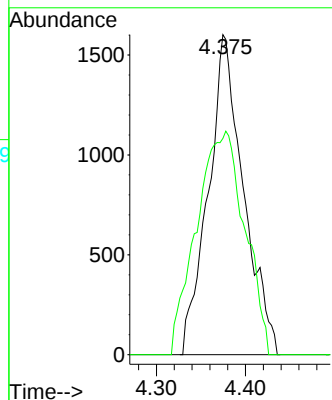
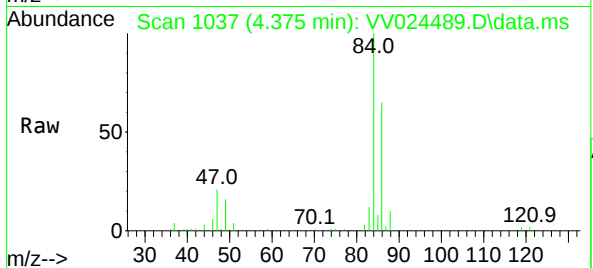
VBLK299

Tgt Ion: 83 Resp: 4398

Ion Ratio Lower Upper

83 100

85 67.6 45.2 84.0



#34

Trichloroethene

Concen: 0.688 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV024489.D

Acq: 28 Jan 2022 16:14

Tgt Ion: 95 Resp: 7269

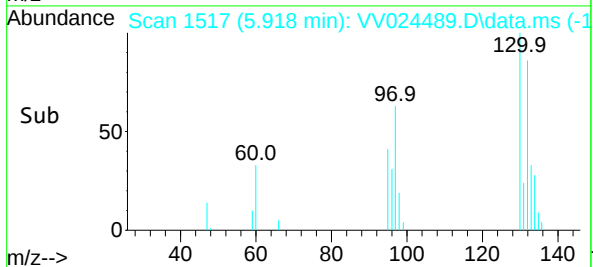
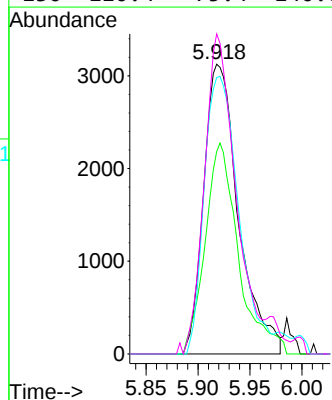
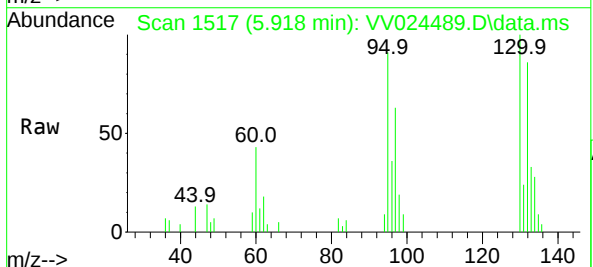
Ion Ratio Lower Upper

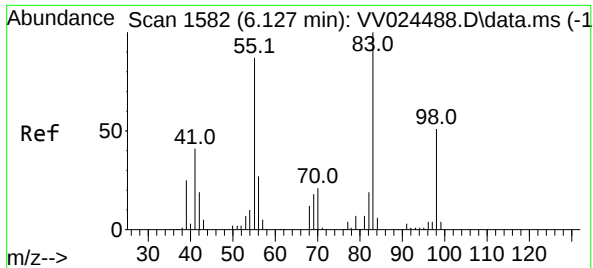
95 100

97 69.9 45.2 84.0

132 95.4 76.1 141.3

130 110.4 75.4 140.0

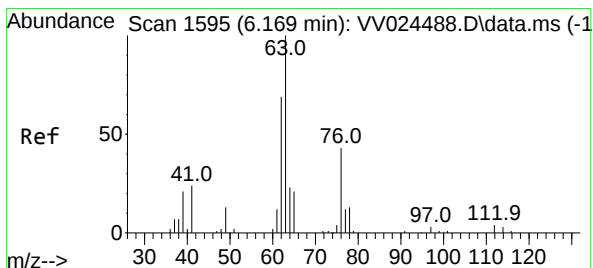
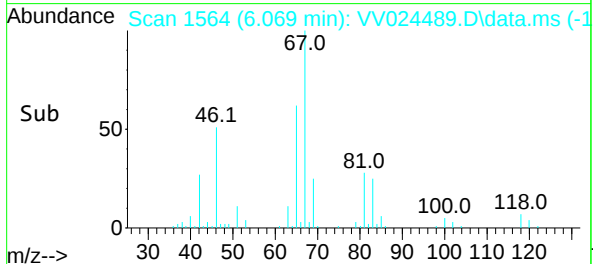
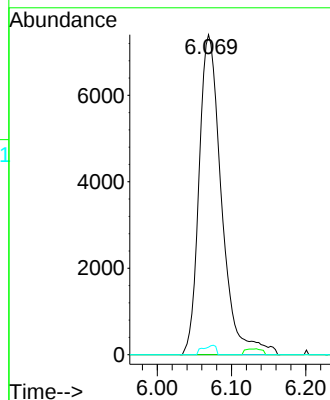
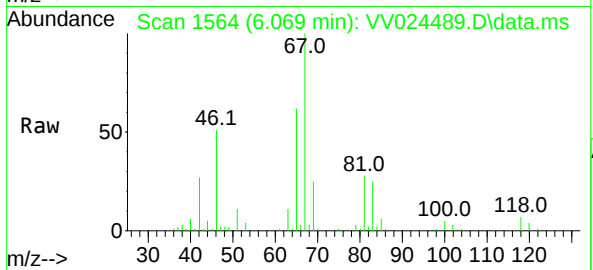




#35
Methylcyclohexane
Concen: 0.999 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

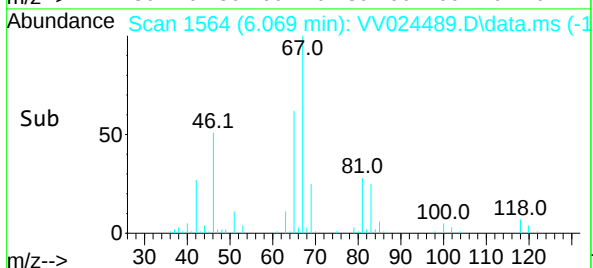
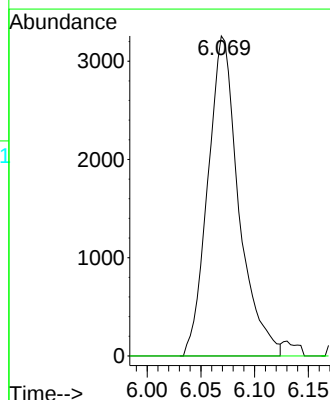
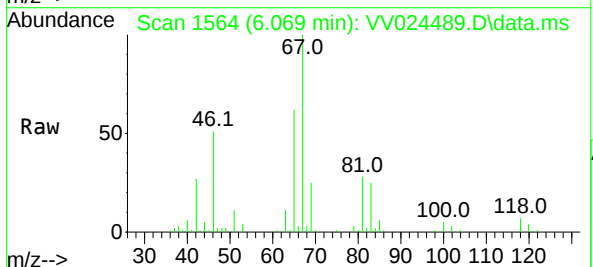
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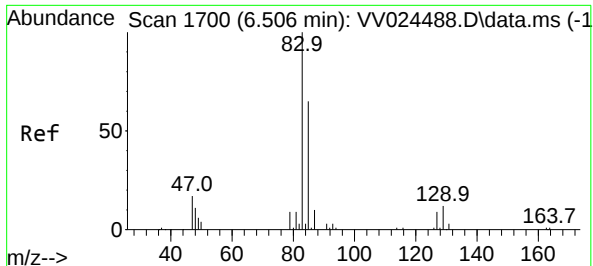
Tgt Ion: 83 Resp: 15575
Ion Ratio Lower Upper
83 100
55 1.3 60.2 90.2#
98 1.7 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

Tgt Ion: 63 Resp: 6526
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

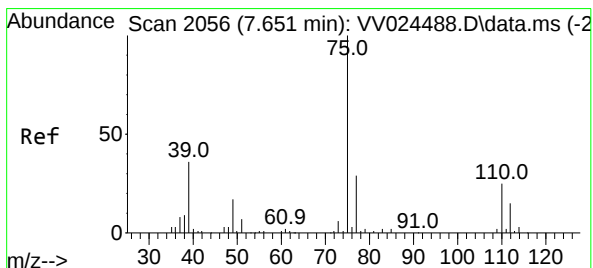
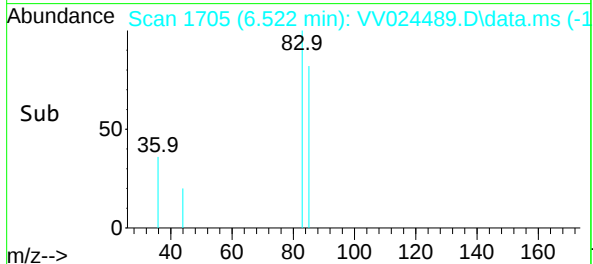
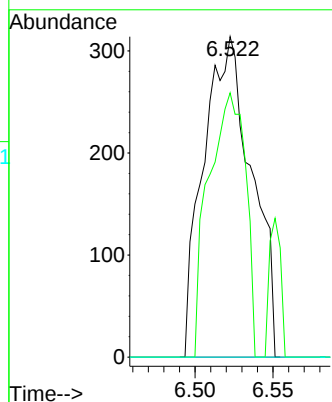
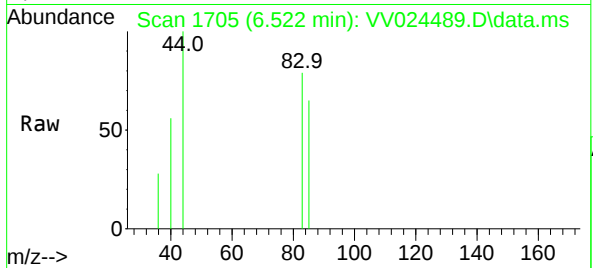




#38
Bromodichloromethane
Concen: 0.054 ug/L
RT: 6.522 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

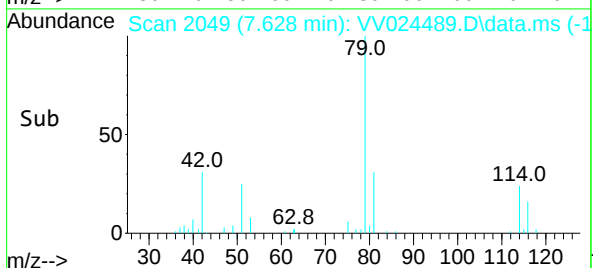
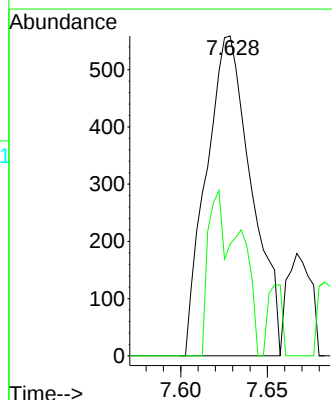
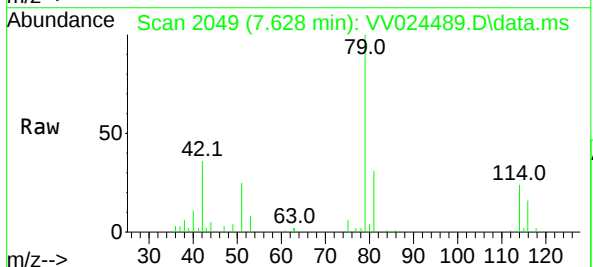
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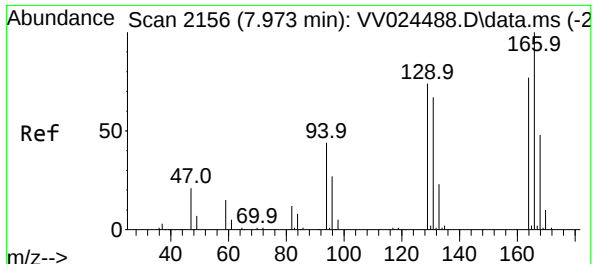
Tgt Ion: 83 Resp: 677
Ion Ratio Lower Upper
83 100
85 82.5 44.0 81.8#
127 0.0 8.6 12.8#



#44
trans-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

Tgt Ion: 75 Resp: 1015
Ion Ratio Lower Upper
75 100
77 34.9 21.8 40.4





#47

Tetrachloroethene

Concen: 0.570 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV024489.D

Acq: 28 Jan 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

VBLK299

Tgt Ion:164 Resp: 4746

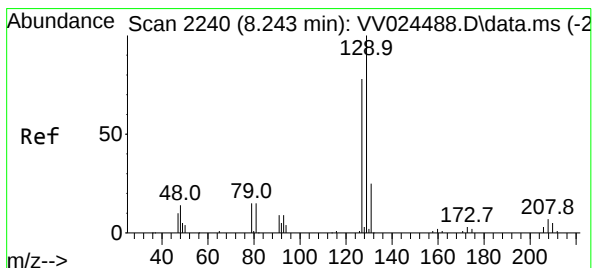
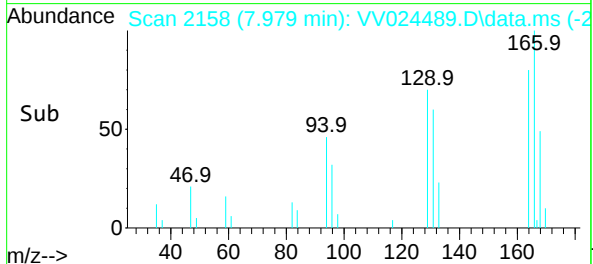
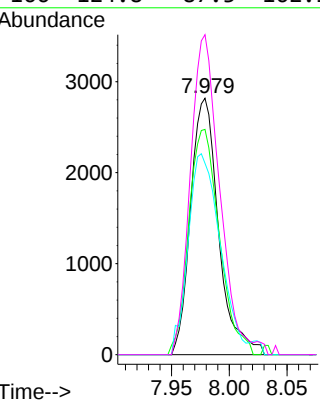
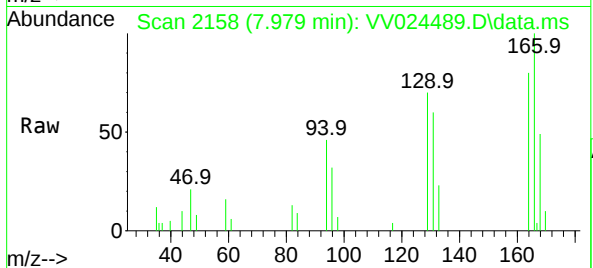
Ion Ratio Lower Upper

164 100

129 87.9 62.6 116.2

131 74.6 61.0 113.4

166 124.8 87.3 162.1



#49

Dibromochloromethane

Concen: 0.585 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV024489.D

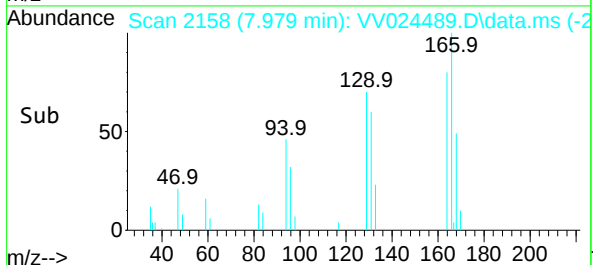
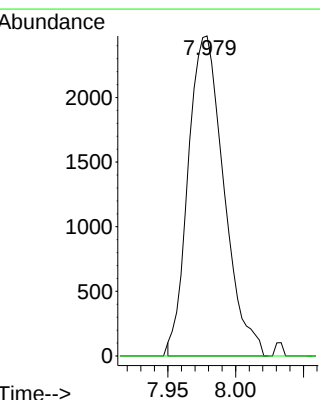
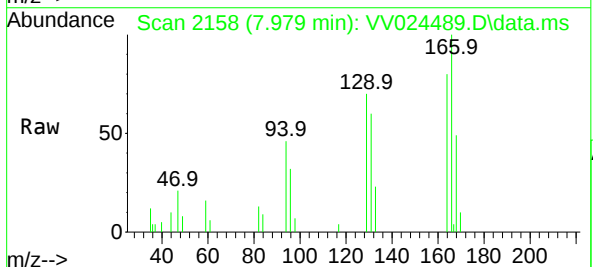
Acq: 28 Jan 2022 16:14

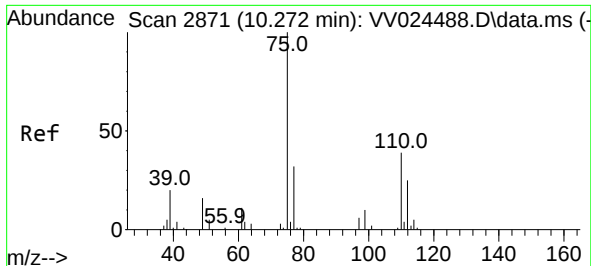
Tgt Ion:129 Resp: 4521

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

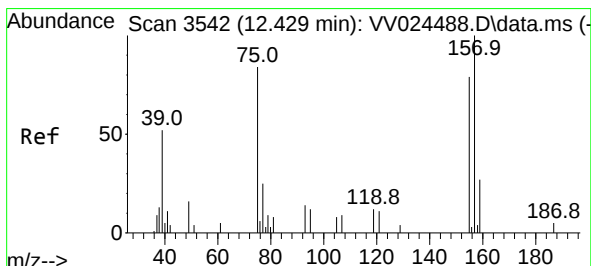
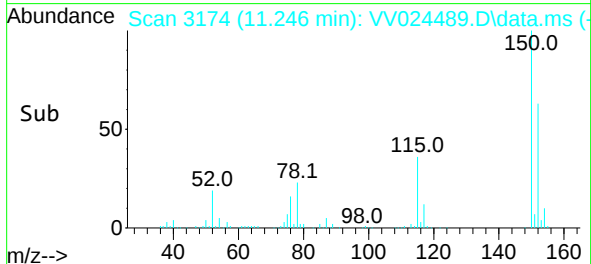
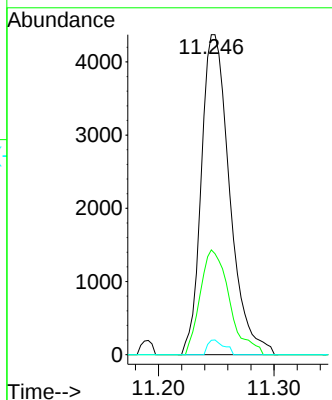
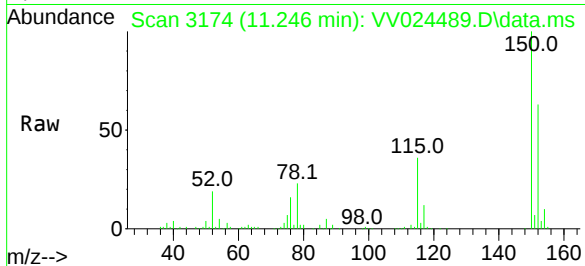




#61
 1,2,3-Trichloropropane
 Concen: 1.795 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV024489.D
 Acq: 28 Jan 2022 16:14

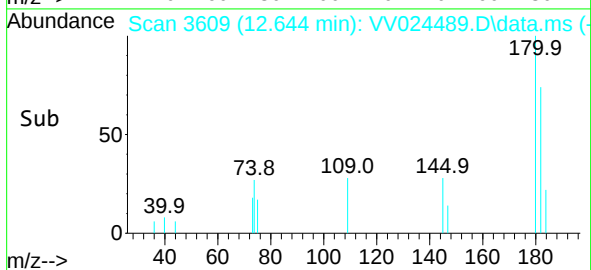
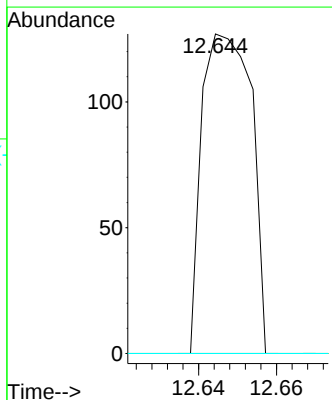
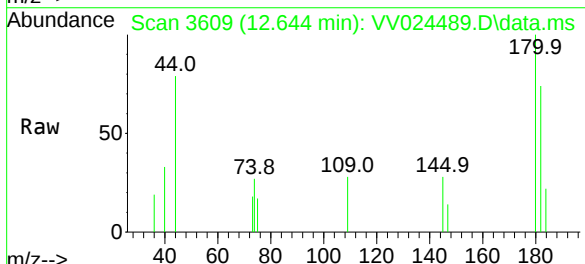
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK299

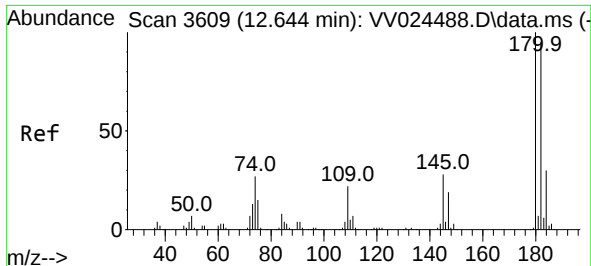
Tgt Ion: 75 Resp: 7451
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.4 39.6
 110 2.7 34.2 51.2#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.139 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.215 min
 Lab File: VV024489.D
 Acq: 28 Jan 2022 16:14

Tgt Ion: 75 Resp: 112
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 0.089 ug/L

RT: 12.648 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV024489.D

Acq: 28 Jan 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

VBLK299

Tgt Ion:180 Resp: 1202

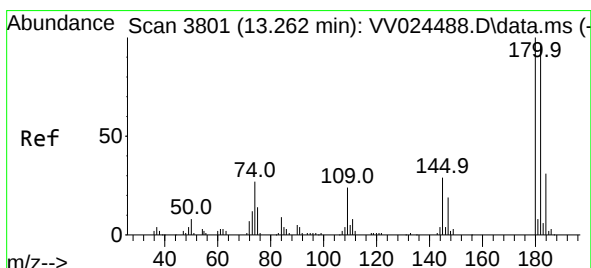
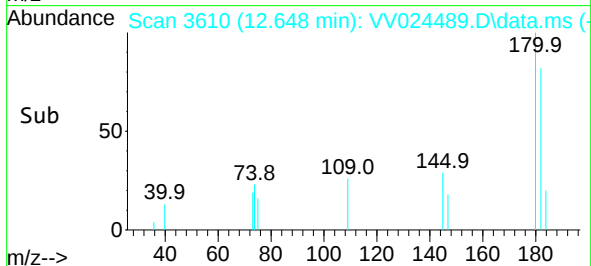
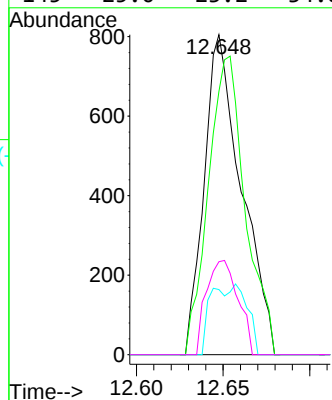
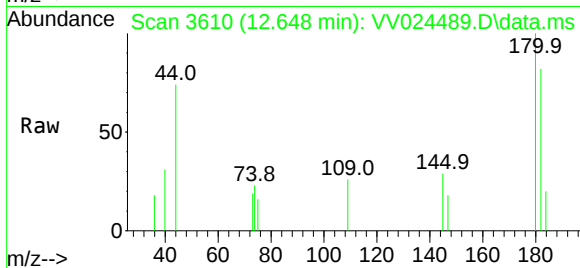
Ion Ratio Lower Upper

180 100

182 92.5 76.4 114.6

184 9.9 24.2 36.4#

145 25.0 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 0.119 ug/L

RT: 13.268 min Scan# 3803

Delta R.T. 0.006 min

Lab File: VV024489.D

Acq: 28 Jan 2022 16:14

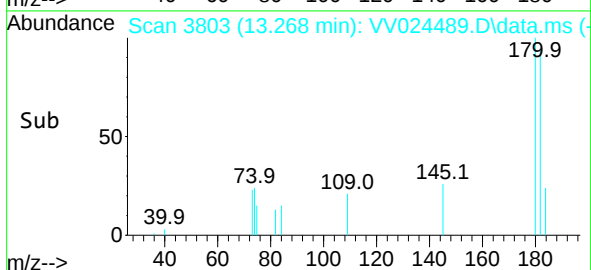
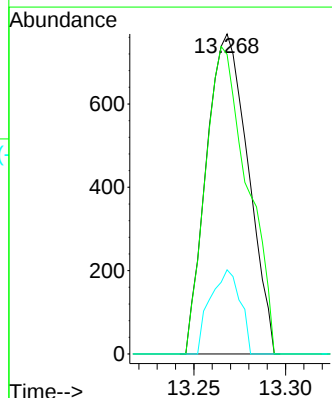
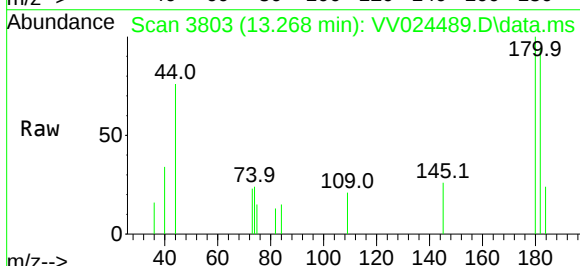
Tgt Ion:180 Resp: 1214

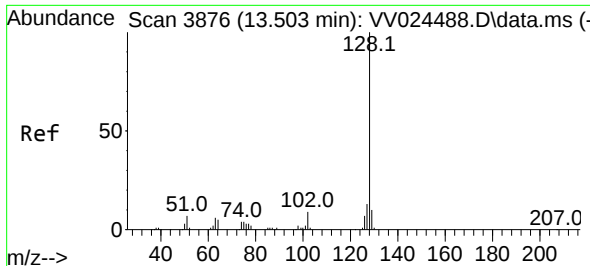
Ion Ratio Lower Upper

180 100

182 96.8 74.4 111.6

145 18.9 23.3 34.9#

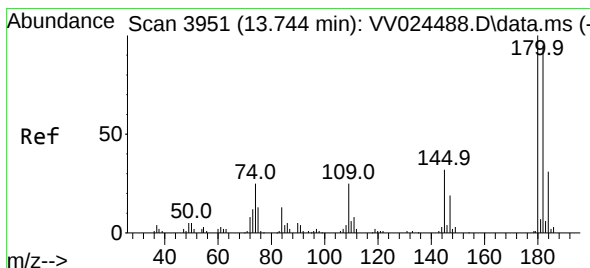
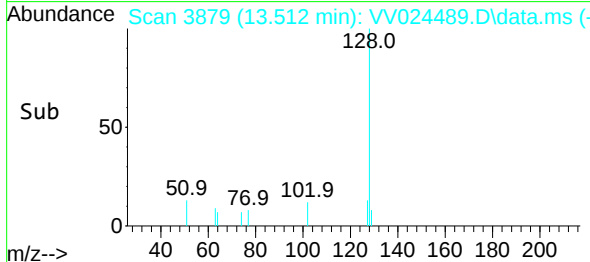
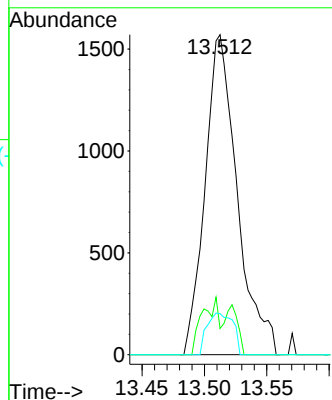
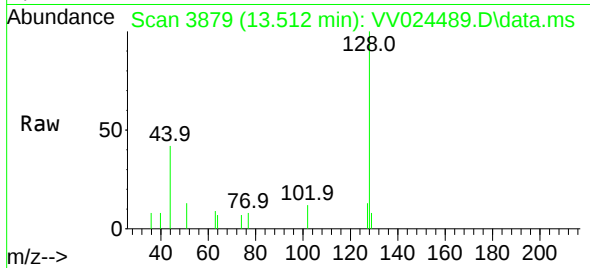




#71
Naphthalene
Concen: 0.218 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :
VBLK299

Tgt Ion:128 Resp: 2816
Ion Ratio Lower Upper
128 100
129 9.2 9.0 13.4
127 10.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.132 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV024489.D
Acq: 28 Jan 2022 16:14

Tgt Ion:180 Resp: 1151
Ion Ratio Lower Upper
180 100
182 93.7 76.8 115.2
145 36.2 25.8 38.6

