

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026471.D
 Acq On : 21 Jun 2022 01:23
 Operator : SY/MD
 Sample : N3345-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:43:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	179349	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	169411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69953	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	60404	3.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.587	69	54436	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.124	63	89169	3.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.928	46	91804	60.397	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.800%
24) Chloroform-d	4.365	84	122459	5.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.047	65	49425	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.063	84	233879	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.076	67	70614	5.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.320	98	192508	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.629	79	15714	3.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.092	63	65156	50.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44816	5.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	62023	5.756	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1014	0.068	ug/L	96
6) Bromomethane	1.542	94	389	0.045	ug/L #	67
8) Chloroethane	1.606	64	1582	0.165	ug/L #	51
14) Carbon disulfide	2.310	76	9070	0.325	ug/L	100
21) 2-Butanone	4.121	43	8871	5.820	ug/L #	50
22) cis-1,2-Dichloroethene	3.934	96	5986	0.538	ug/L	86
25) Chloroform	4.394	83	55680	2.449	ug/L	99
33) Benzene	5.121	78	2908	0.067	ug/L	100
34) Trichloroethene	5.931	95	5536	0.467	ug/L	95
35) Methylcyclohexane	6.079	83	16788	1.023	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7770	0.684	ug/L #	88
38) Bromodichloromethane	6.523	83	821	0.060	ug/L #	80
39) cis-1,3-Dichloropropene	6.992	75	1024	0.079	ug/L #	31
42) Toluene	7.400	91	10403	0.228	ug/L	99
47) Tetrachloroethene	7.979	164	18888	2.150	ug/L	99
49) Dibromochloromethane	7.979	129	16670	2.019	ug/L #	9
53) m,p-Xylene	9.156	106	1241	0.070	ug/L	88
61) 1,2,3-Trichloropropane	11.249	75	8124	1.790	ug/L #	66

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Quant Time: Jun 21 05:43:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 21 05:26:17 2022
Response via : Initial Calibration

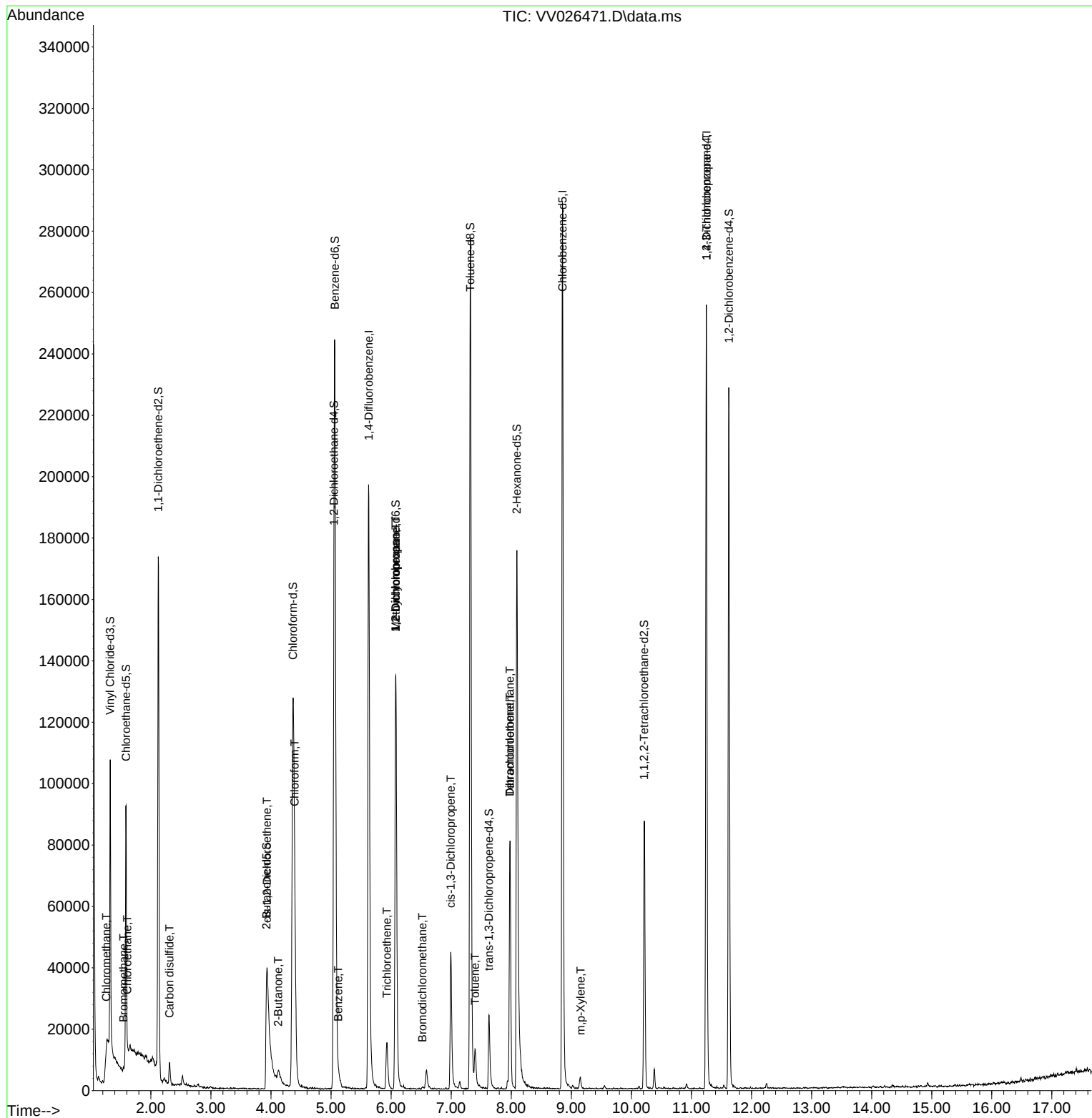
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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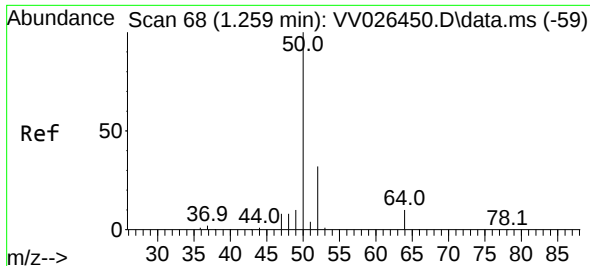
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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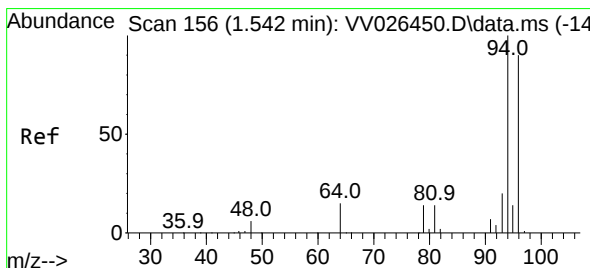
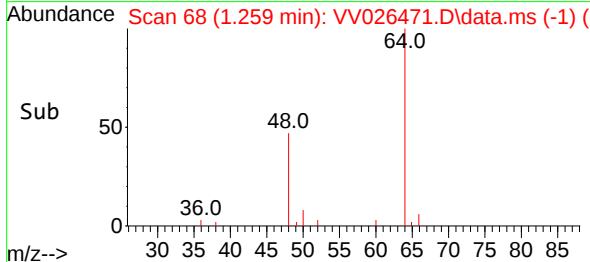
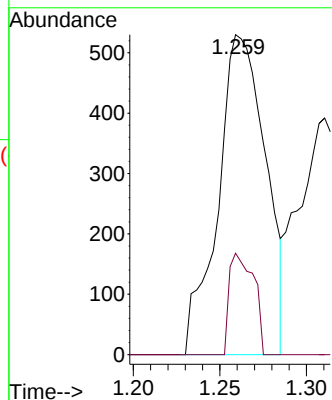
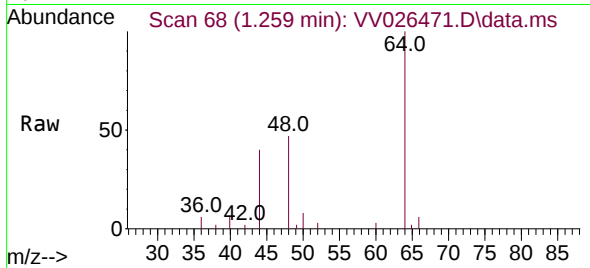




#3
Chloromethane
Concen: 0.068 ug/L
RT: 1.259 min Scan# 68
Delta R.T. 0.000 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

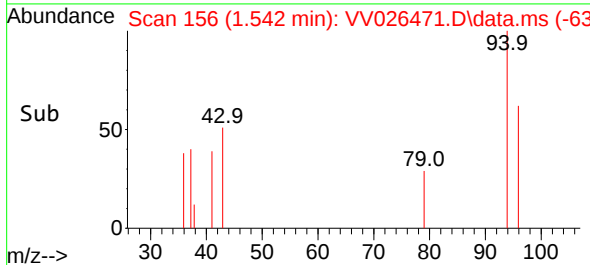
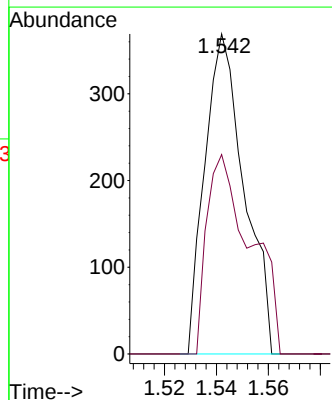
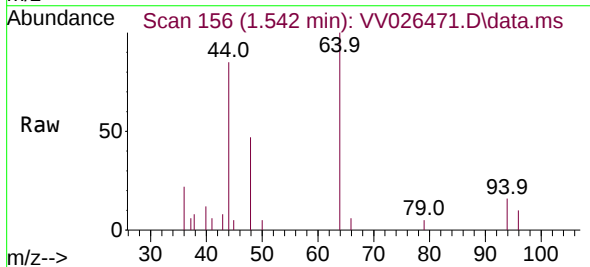
Instrument :
MSVOA_V
ClientSampleId :

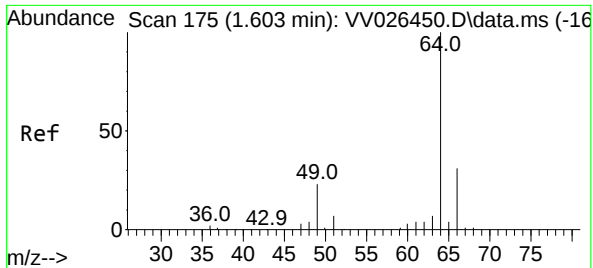
Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 31.7 23.7 44.1



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

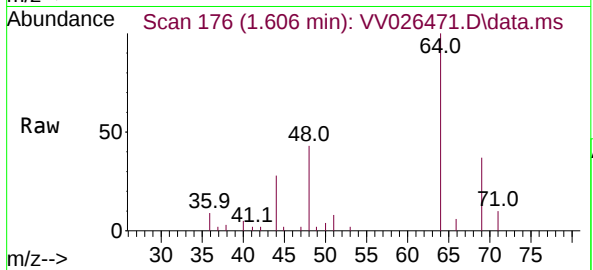
Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 62.3 65.7 121.9#



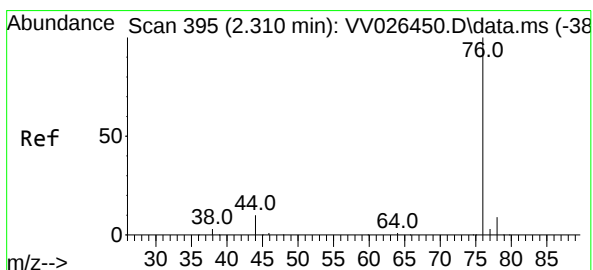
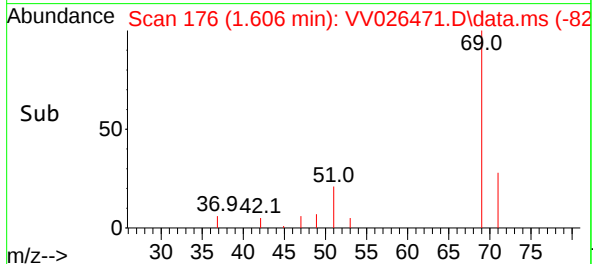
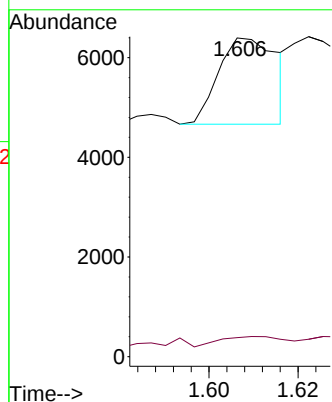


#8
Chloroethane
Concen: 0.165 ug/L
RT: 1.606 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

Instrument :
MSVOA_V
ClientSampleId :

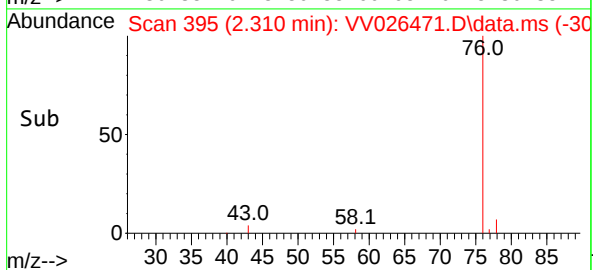
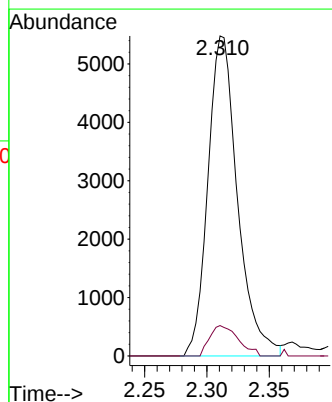
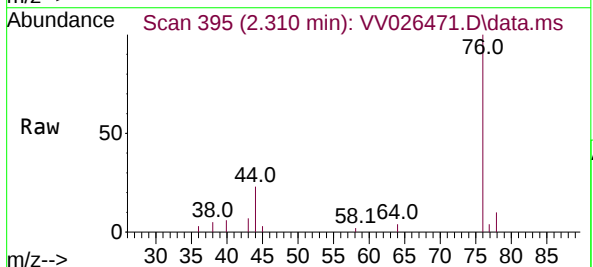


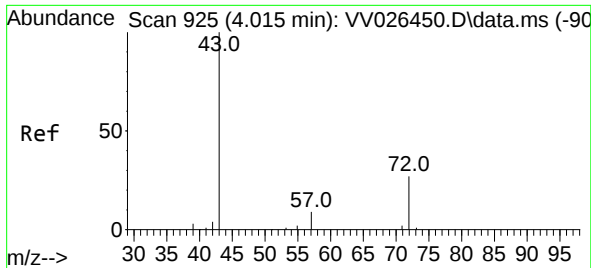
Tgt Ion: 64 Resp: 1582
Ion Ratio Lower Upper
64 100
66 6.0 24.1 44.7#



#14
Carbon disulfide
Concen: 0.325 ug/L
RT: 2.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

Tgt Ion: 76 Resp: 9070
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

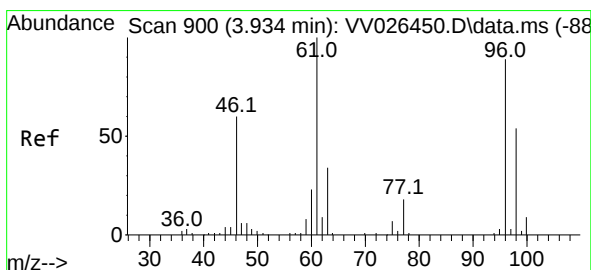
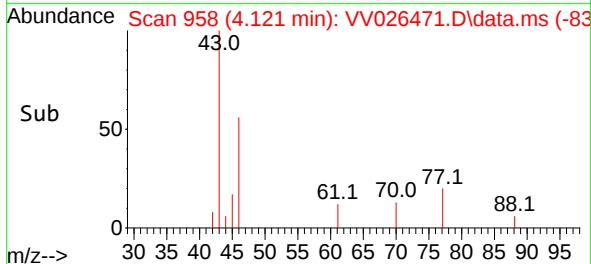
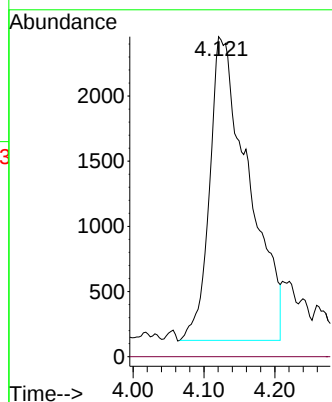
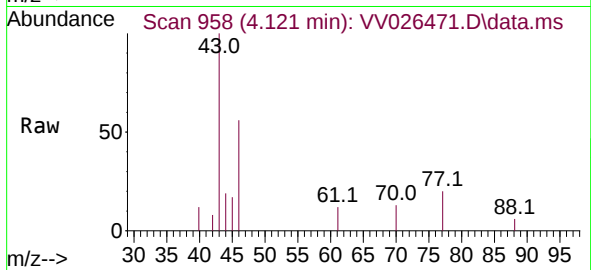




#21
2-Butanone
Concen: 5.820 ug/L
RT: 4.121 min Scan# 91
Delta R.T. 0.106 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

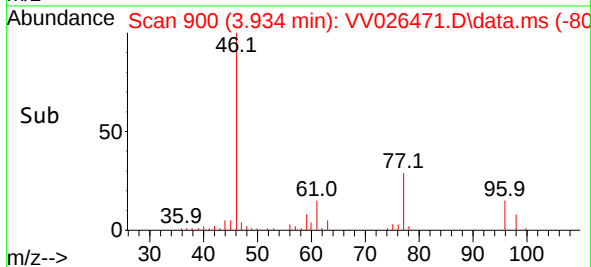
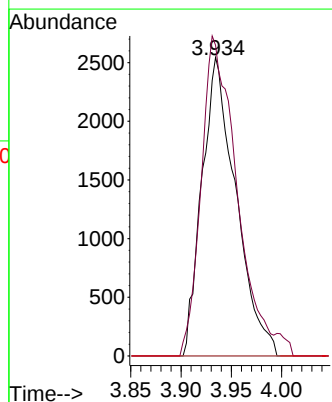
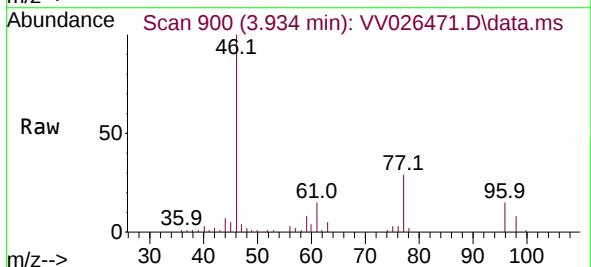
Instrument :
MSVOA_V
ClientSampleId :

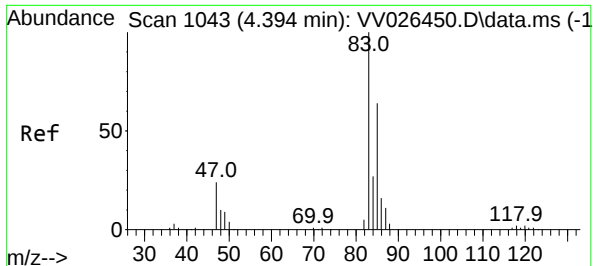
Tgt Ion: 43 Resp: 8871
Ion Ratio Lower Upper
43 100
72 0.0 12.7 38.0#



#22
cis-1,2-Dichloroethene
Concen: 0.538 ug/L
RT: 3.934 min Scan# 900
Delta R.T. 0.000 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

Tgt Ion: 96 Resp: 5986
Ion Ratio Lower Upper
96 100
61 104.1 83.6 155.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 2.449 ug/L

RT: 4.394 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026471.D

Acq: 21 Jun 2022 01:23

Instrument :

MSVOA_V

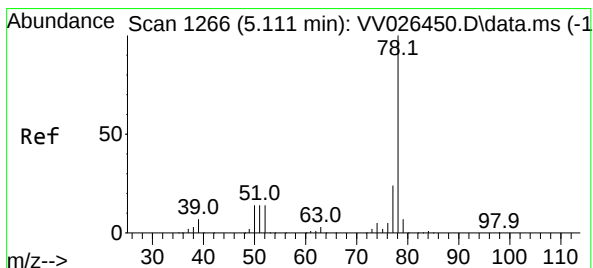
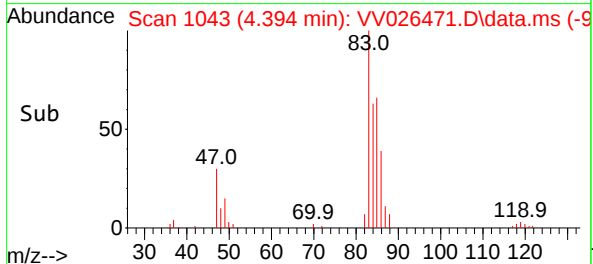
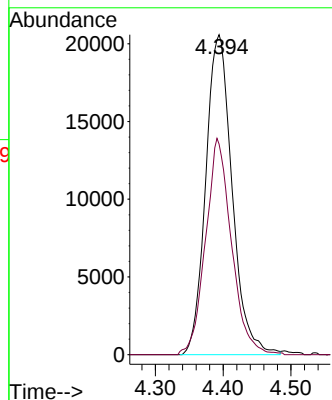
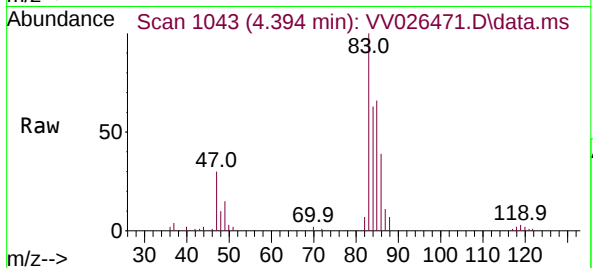
ClientSampleId :

Tgt Ion: 83 Resp: 55680

Ion Ratio Lower Upper

83 100

85 65.8 46.5 86.3



#33

Benzene

Concen: 0.067 ug/L

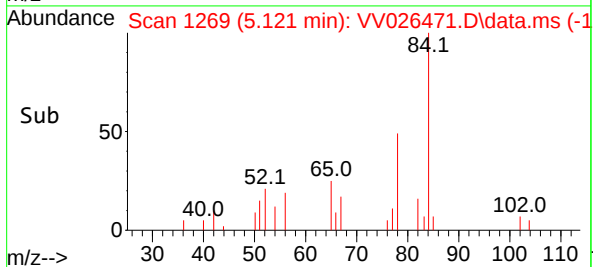
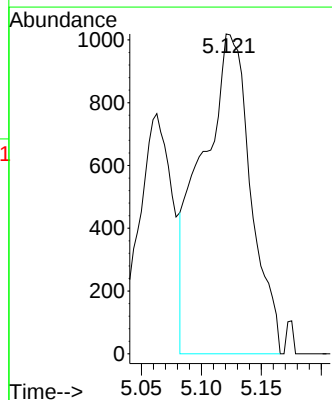
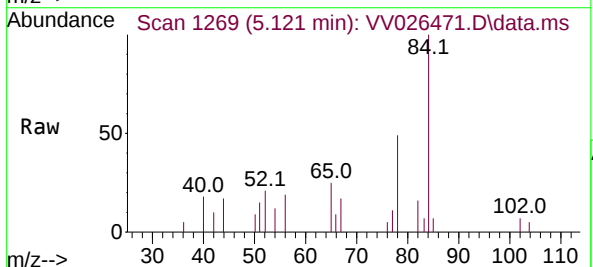
RT: 5.121 min Scan# 1269

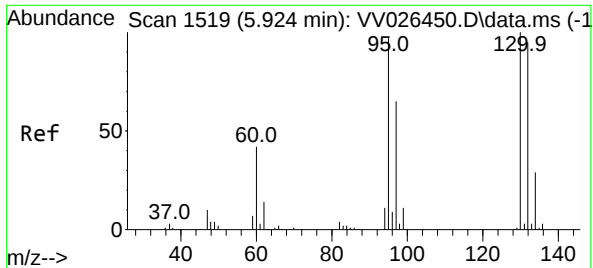
Delta R.T. 0.010 min

Lab File: VV026471.D

Acq: 21 Jun 2022 01:23

Tgt Ion: 78 Resp: 2908



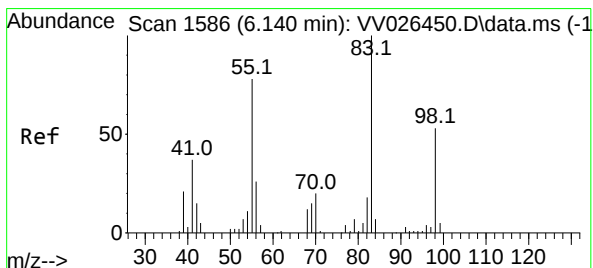
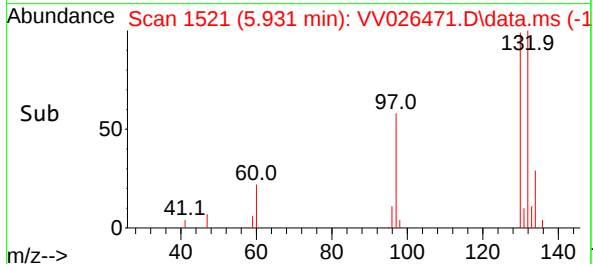
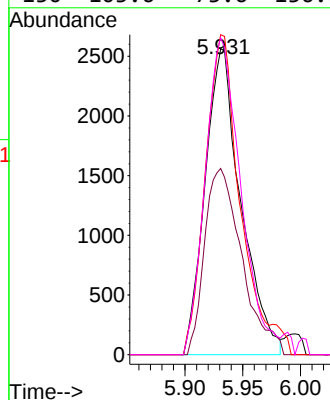
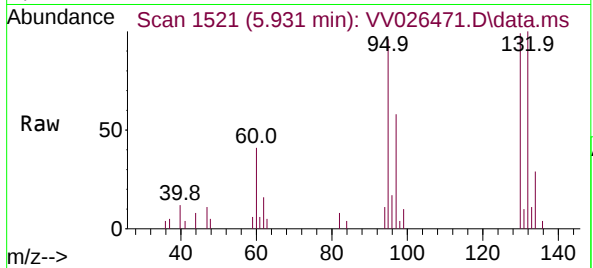


#34
Trichloroethene
Concen: 0.467 ug/L
RT: 5.931 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 5536

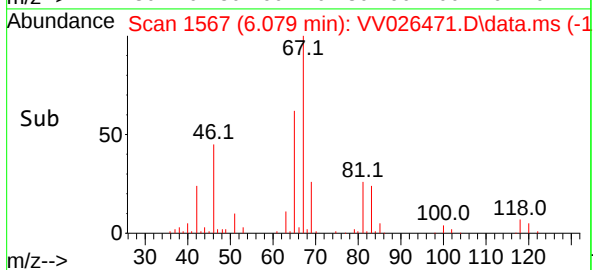
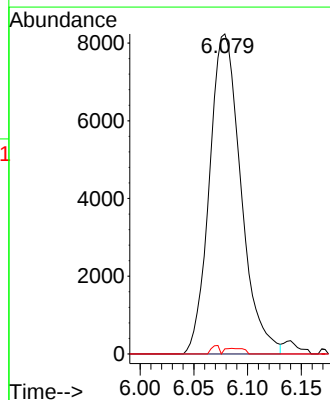
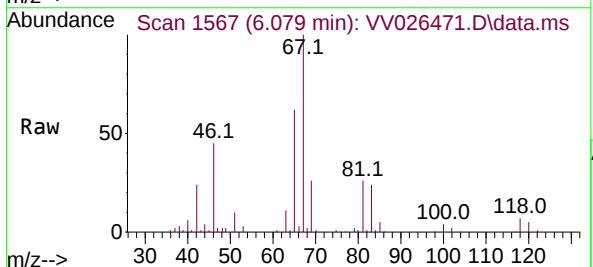
Ion	Ratio	Lower	Upper
95	100		
97	60.9	46.5	86.3
132	104.6	68.8	127.8
130	103.6	73.6	136.6

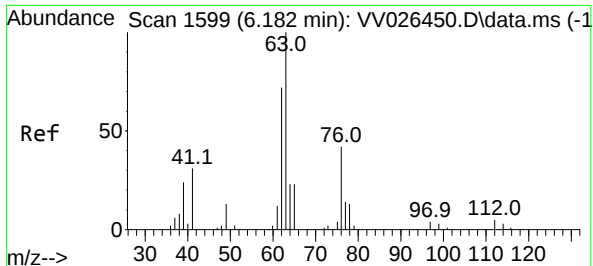


#35
Methylcyclohexane
Concen: 1.023 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.061 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

Tgt Ion: 83 Resp: 16788

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	1.1	39.9	59.9#





#37

1,2-Dichloropropane

Concen: 0.684 ug/L

RT: 6.079 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026471.D

Acq: 21 Jun 2022 01:23

Instrument :

MSVOA_V

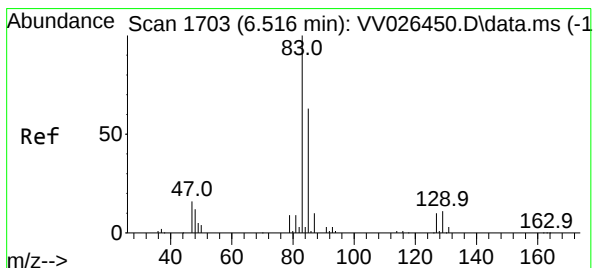
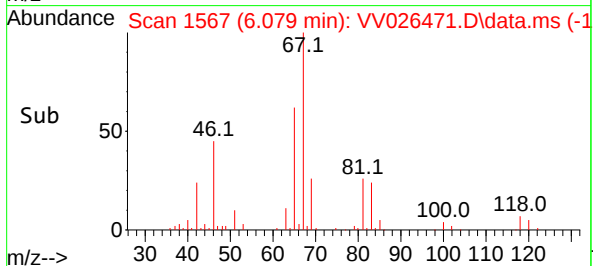
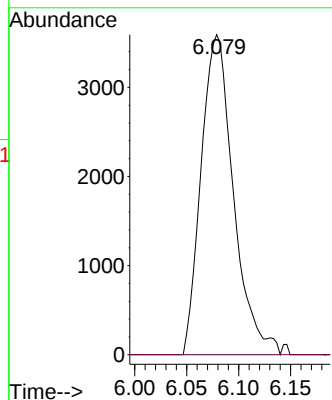
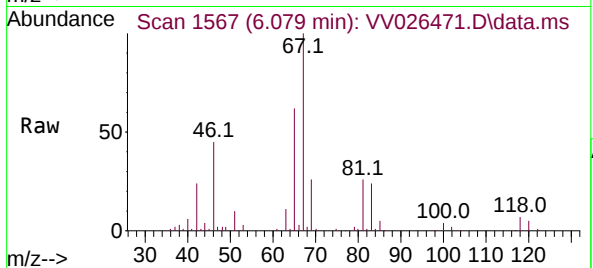
ClientSampleId :

Tgt Ion: 63 Resp: 7770

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.060 ug/L

RT: 6.523 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VV026471.D

Acq: 21 Jun 2022 01:23

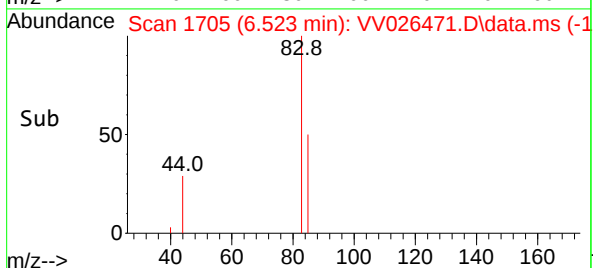
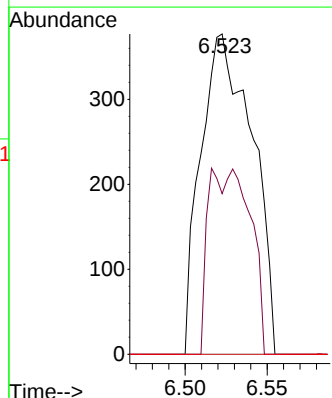
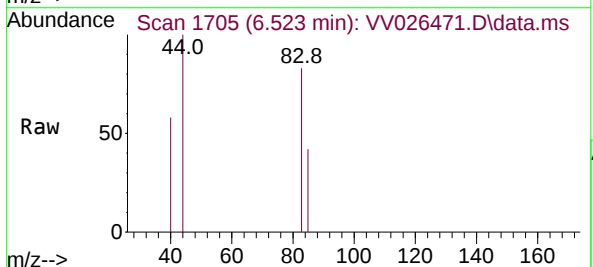
Tgt Ion: 83 Resp: 821

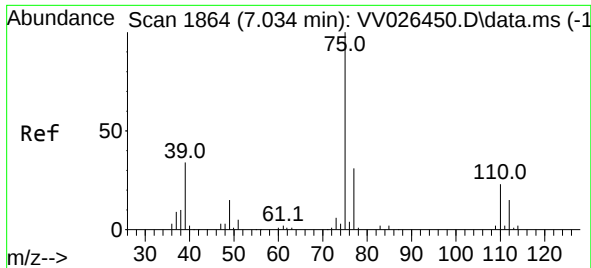
Ion Ratio Lower Upper

83 100

85 50.1 45.6 84.6

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.992 min Scan# 1864

Delta R.T. -0.042 min

Lab File: VV026471.D

Acq: 21 Jun 2022 01:23

Instrument :

MSVOA_V

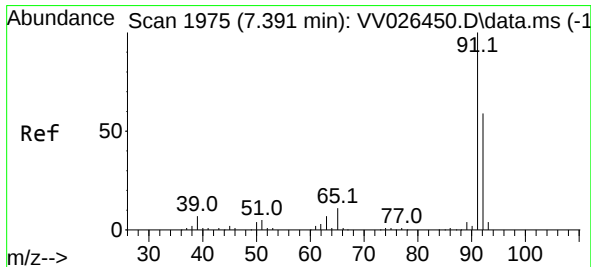
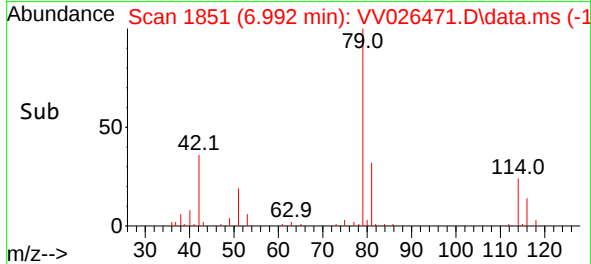
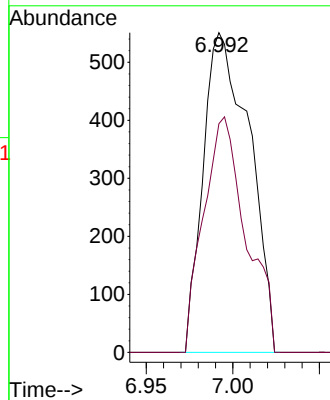
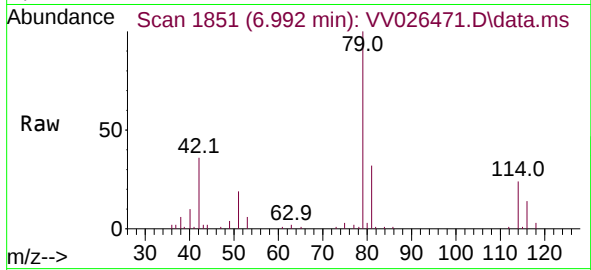
ClientSampleId :

Tgt Ion: 75 Resp: 1024

Ion Ratio Lower Upper

75 100

77 71.5 23.0 42.6#



#42

Toluene

Concen: 0.228 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV026471.D

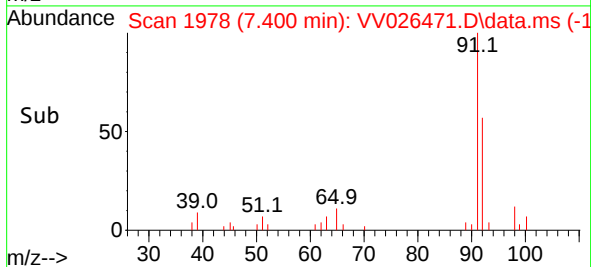
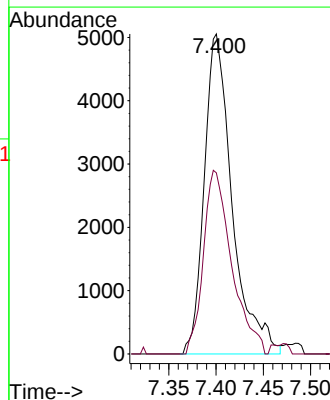
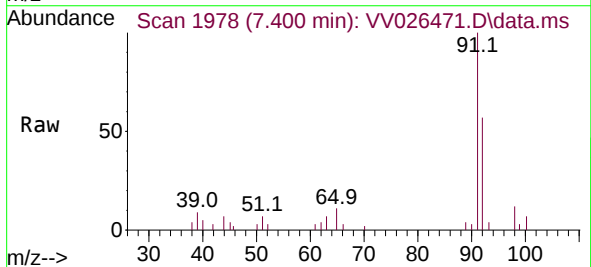
Acq: 21 Jun 2022 01:23

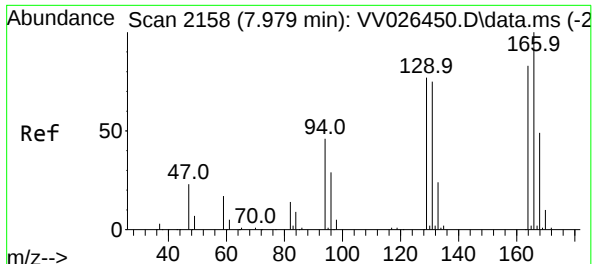
Tgt Ion: 91 Resp: 10403

Ion Ratio Lower Upper

91 100

92 56.6 40.1 74.5





#47

Tetrachloroethene

Concen: 2.150 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

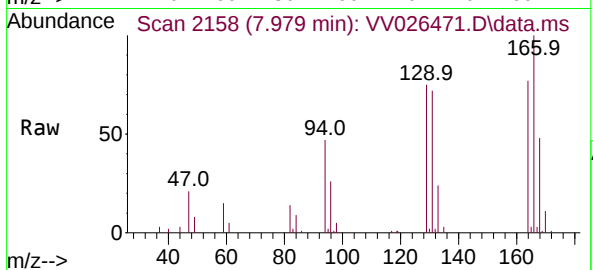
Lab File: VV026471.D

Acq: 21 Jun 2022 01:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 18888

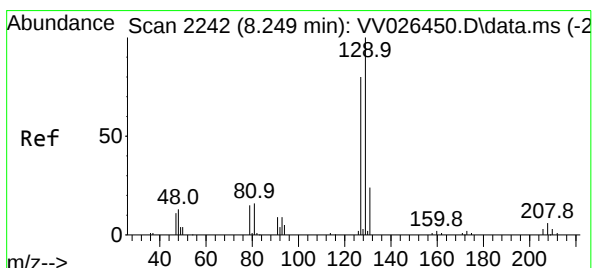
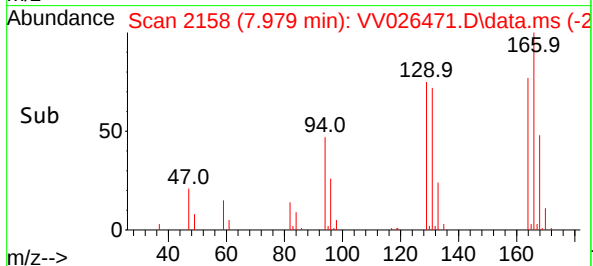
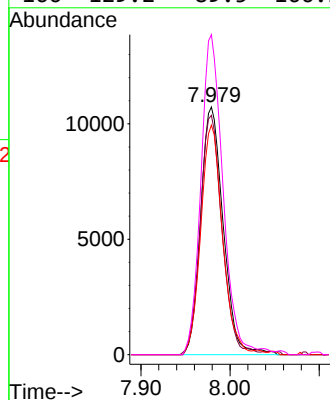
Ion Ratio Lower Upper

164 100

129 96.6 67.5 125.3

131 92.7 63.8 118.4

166 129.2 89.5 166.3



#49

Dibromochloromethane

Concen: 2.019 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV026471.D

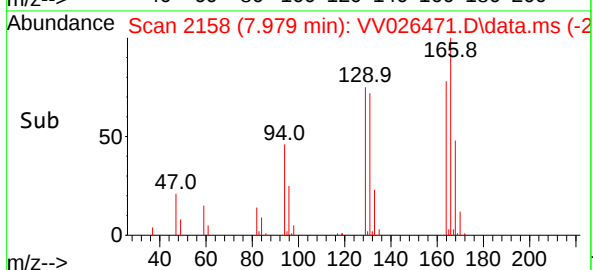
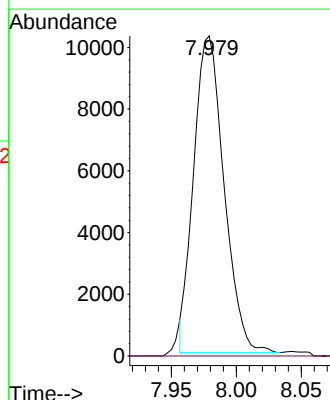
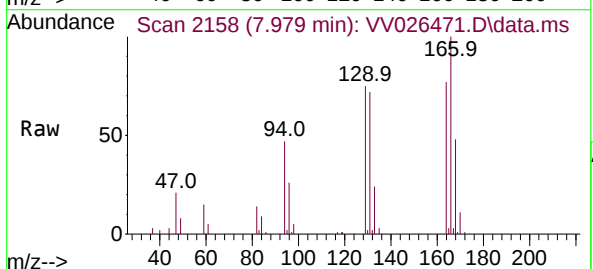
Acq: 21 Jun 2022 01:23

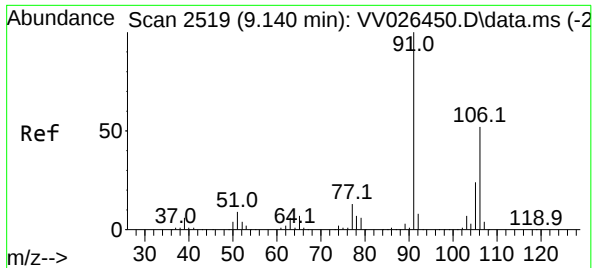
Tgt Ion:129 Resp: 16670

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

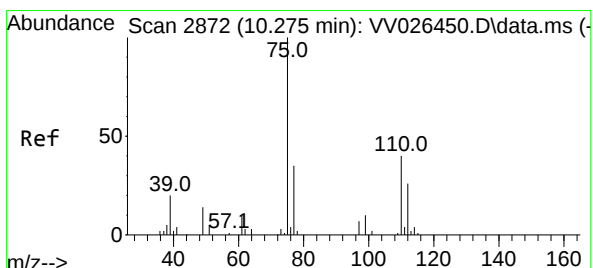
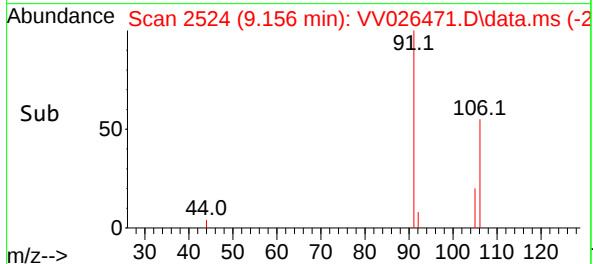
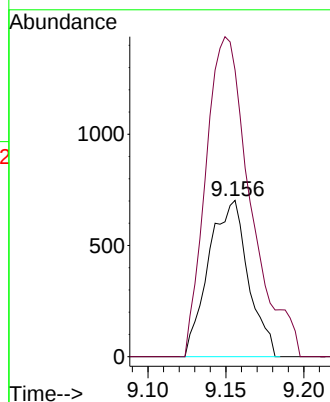
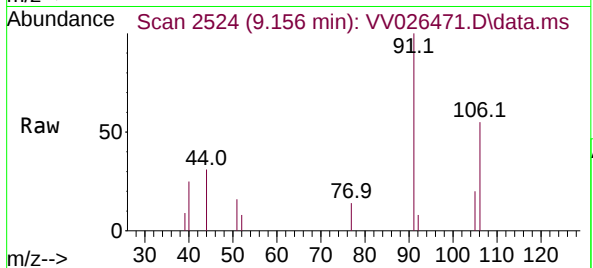




#53
m,p-Xylene
Concen: 0.070 ug/L
RT: 9.156 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1241
Ion Ratio Lower Upper
106 100
91 183.2 141.3 262.3



#61
1,2,3-Trichloropropane
Concen: 1.790 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026471.D
Acq: 21 Jun 2022 01:23

Tgt Ion: 75 Resp: 8124
Ion Ratio Lower Upper
75 100
77 31.0 26.9 40.3
110 1.6 30.7 46.1#

