

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026472.D
 Acq On : 21 Jun 2022 01:47
 Operator : SY/MD
 Sample : N3345-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:43:30 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	5.626	114	183126	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	171735	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	61859	3.889	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.584	69	54458	4.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.124	63	90513	3.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.931	46	81583	52.565	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.140%
24) Chloroform-d	4.365	84	124548	5.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.047	65	50488	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.063	84	235249	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.076	67	70339	5.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.320	98	199861	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.629	79	16468	3.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.095	63	62658	47.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43917	5.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	61039	5.566	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1197	0.079	ug/L	98
6) Bromomethane	1.542	94	379	0.043	ug/L	93
8) Chloroethane	1.635	64	24404	2.487	ug/L #	50
13) Acetone	2.224	43	4788	3.981	ug/L	87
14) Carbon disulfide	2.311	76	9174	0.322	ug/L	99
22) cis-1,2-Dichloroethene	3.931	96	734	0.065	ug/L	80
25) Chloroform	4.391	83	56446	2.432	ug/L	97
33) Benzene	5.127	78	2104	0.048	ug/L	100
35) Methylcyclohexane	6.079	83	17239	1.037	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7056	0.613	ug/L #	88
38) Bromodichloromethane	6.523	83	548	0.039	ug/L #	80
39) cis-1,3-Dichloropropene	6.995	75	1255	0.095	ug/L	86
42) Toluene	7.400	91	9980	0.216	ug/L	99
47) Tetrachloroethene	7.982	164	5154	0.579	ug/L	96
49) Dibromochloromethane	7.979	129	4878	0.583	ug/L #	9
53) m,p-Xylene	9.149	106	981	0.054	ug/L	69
61) 1,2,3-Trichloropropane	11.249	75	7955	1.722	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.921	105	988	0.033	ug/L	93

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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jun 21 05:43:30 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 21 05:26:17 2022
Response via : Initial Calibration

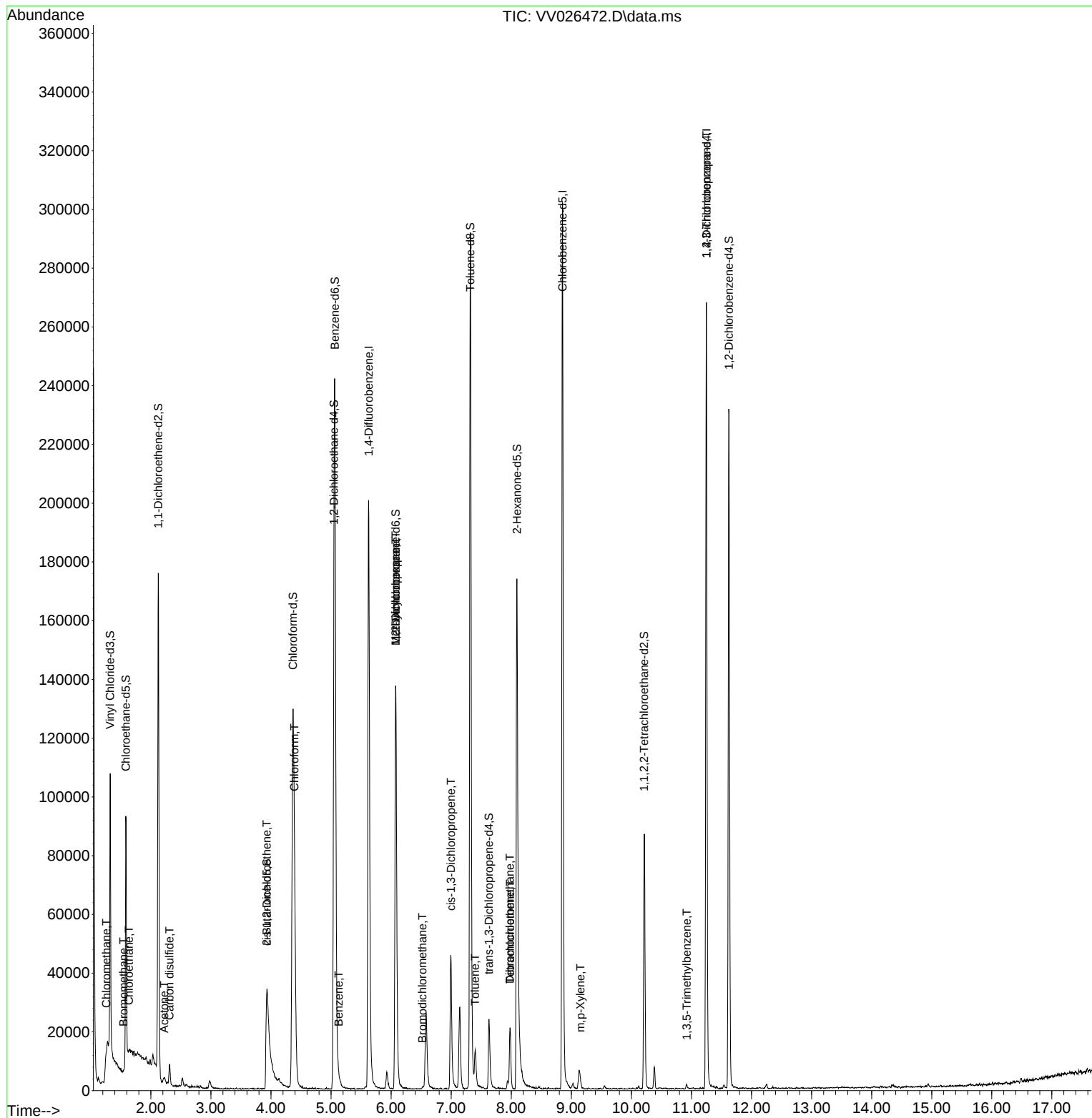
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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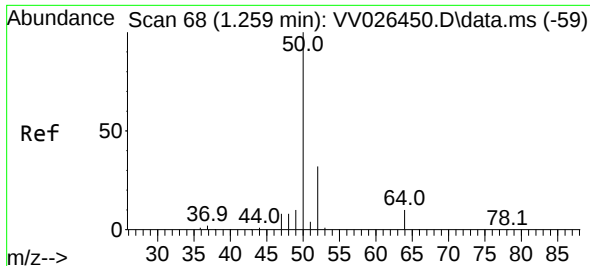
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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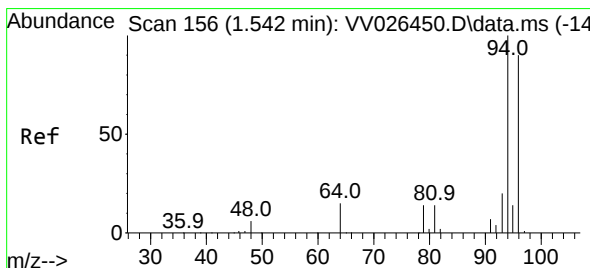
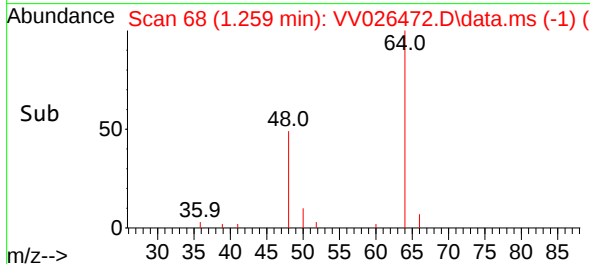
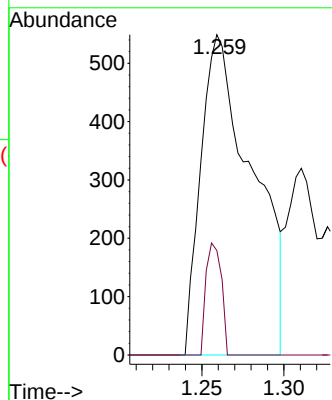
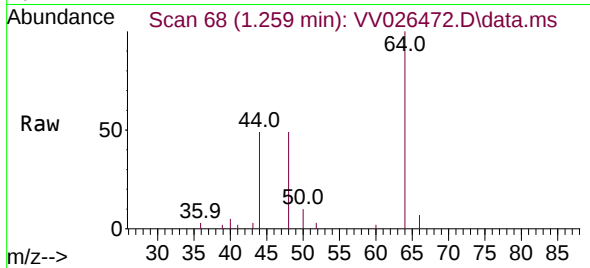




#3
Chloromethane
Concen: 0.079 ug/L
RT: 1.259 min Scan# 68
Delta R.T. 0.000 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

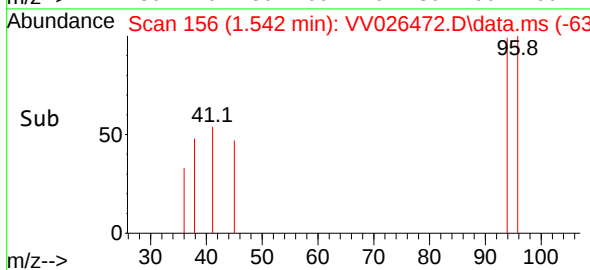
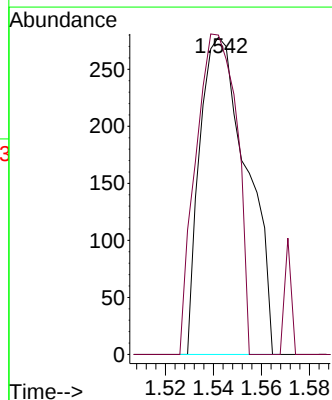
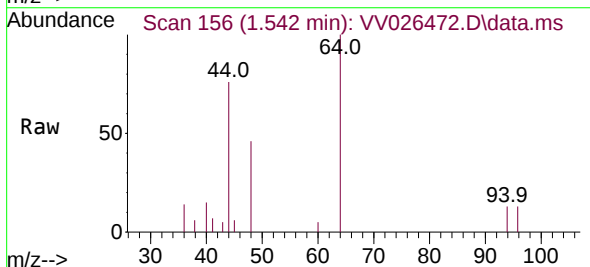
Instrument :
MSVOA_V
ClientSampleId :

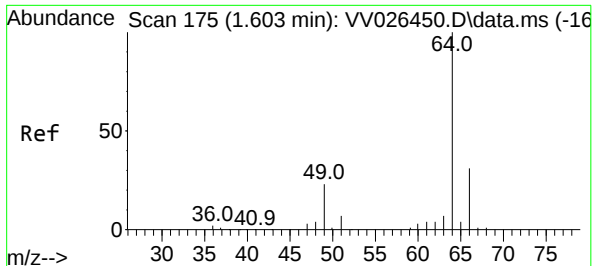
Tgt Ion: 50 Resp: 1197
Ion Ratio Lower Upper
50 100
52 32.6 23.7 44.1



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 100.7 65.7 121.9

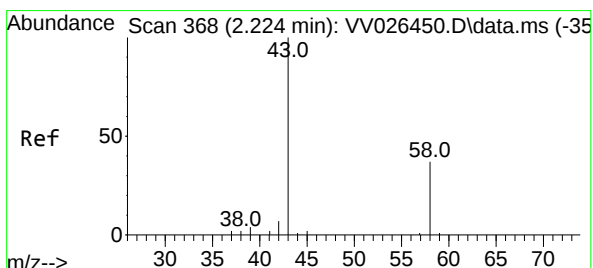
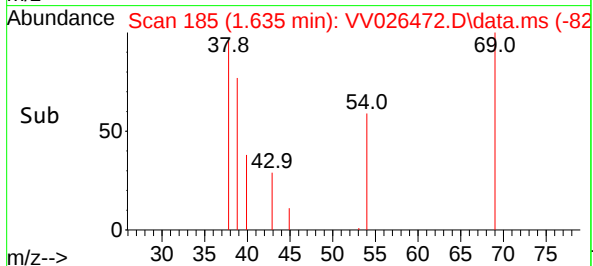
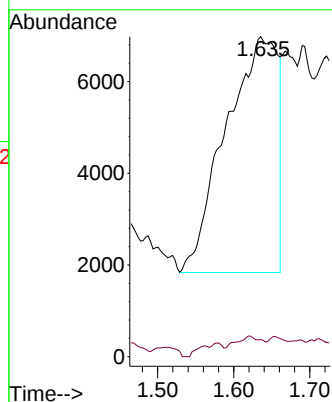
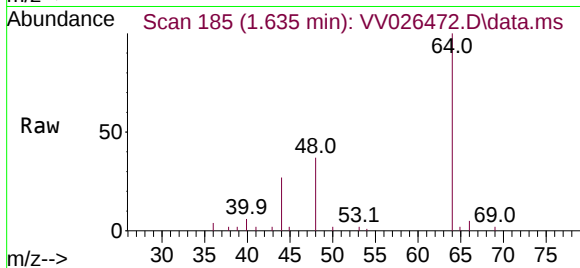




#8
Chloroethane
Concen: 2.487 ug/L
RT: 1.635 min Scan# 11
Delta R.T. 0.032 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

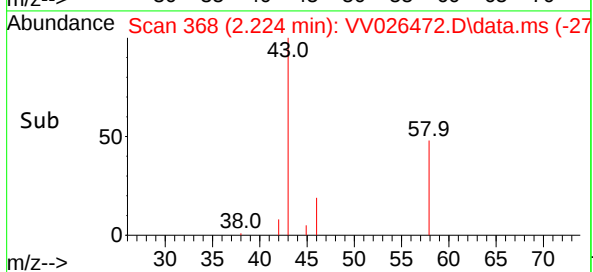
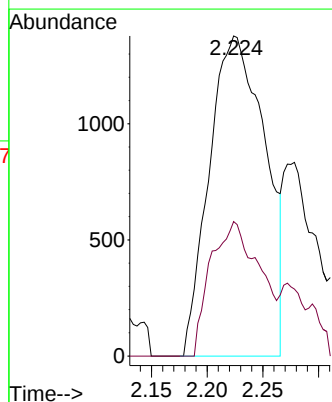
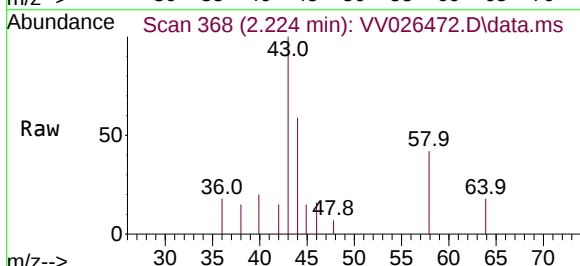
Instrument :
MSVOA_V
ClientSampleId :

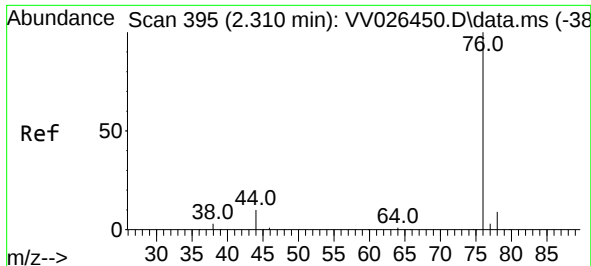
Tgt Ion: 64 Resp: 24404
Ion Ratio Lower Upper
64 100
66 5.4 24.1 44.7#



#13
Acetone
Concen: 3.981 ug/L
RT: 2.224 min Scan# 368
Delta R.T. 0.000 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

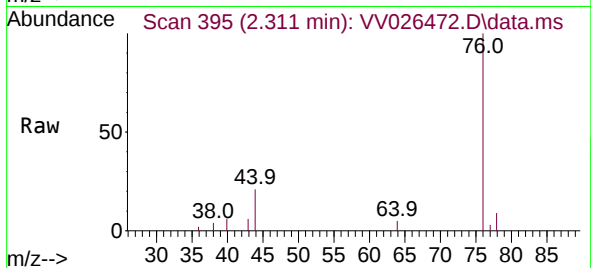
Tgt Ion: 43 Resp: 4788
Ion Ratio Lower Upper
43 100
58 37.2 0.0 60.0



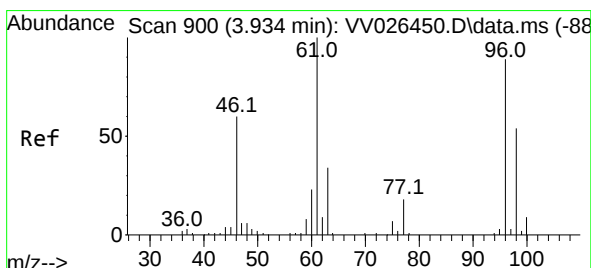
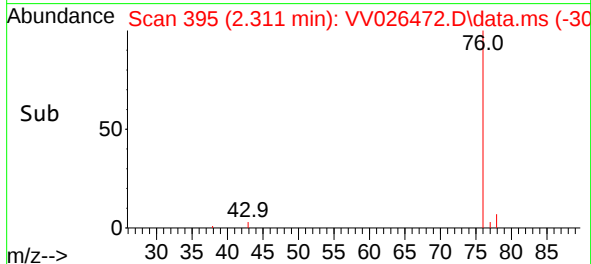
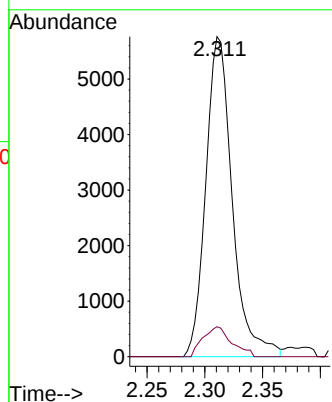


#14
Carbon disulfide
Concen: 0.322 ug/L
RT: 2.311 min Scan# 395
Delta R.T. 0.000 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :

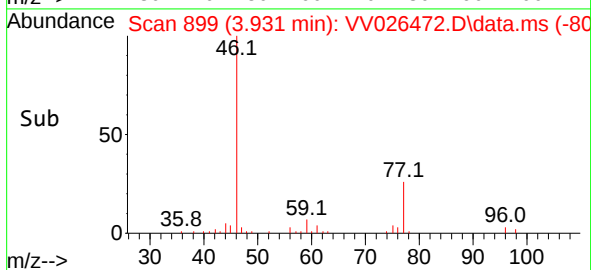
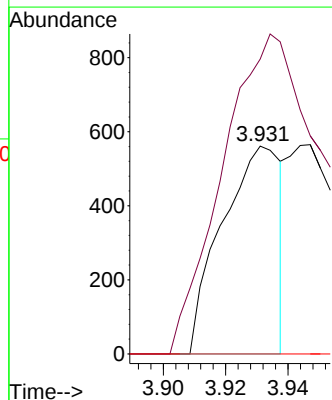
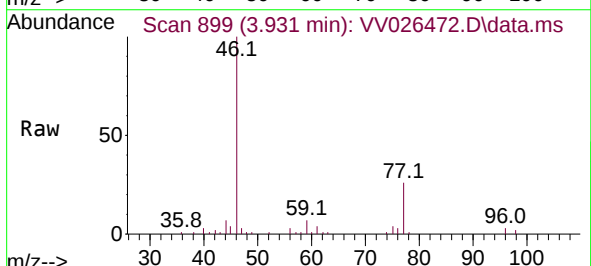


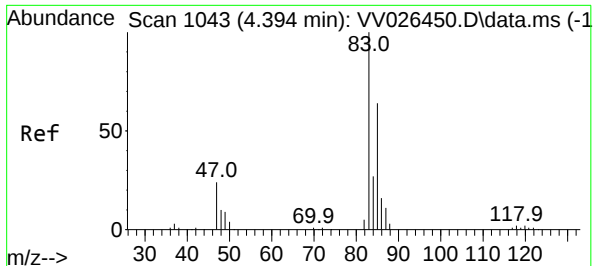
Tgt Ion: 76 Resp: 9174
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5



#22
cis-1,2-Dichloroethene
Concen: 0.065 ug/L
RT: 3.931 min Scan# 899
Delta R.T. -0.003 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

Tgt Ion: 96 Resp: 734
Ion Ratio Lower Upper
96 100
61 141.9 83.6 155.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 2.432 ug/L

RT: 4.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026472.D

Acq: 21 Jun 2022 01:47

Instrument :

MSVOA_V

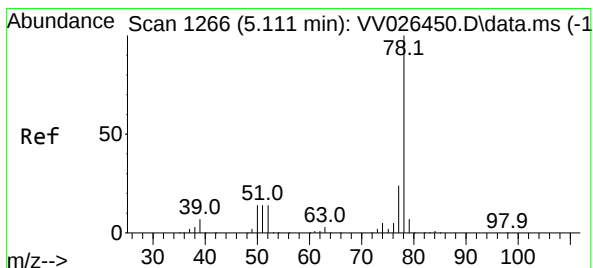
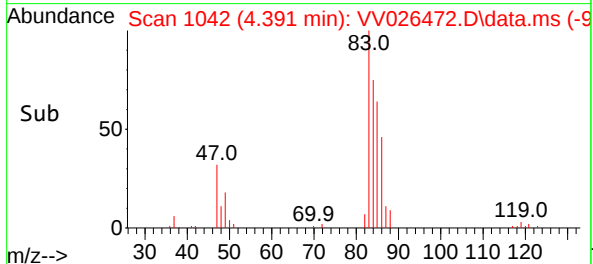
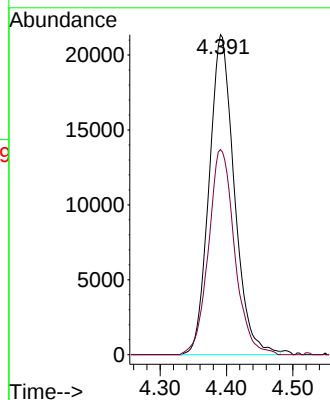
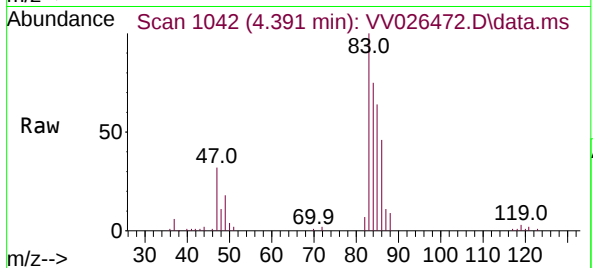
ClientSampleId :

Tgt Ion: 83 Resp: 56446

Ion Ratio Lower Upper

83 100

85 64.1 46.5 86.3



#33

Benzene

Concen: 0.048 ug/L

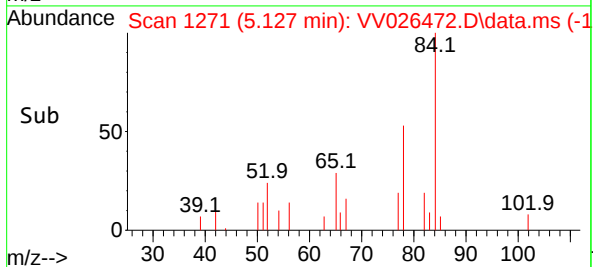
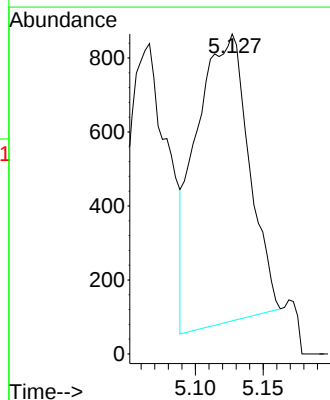
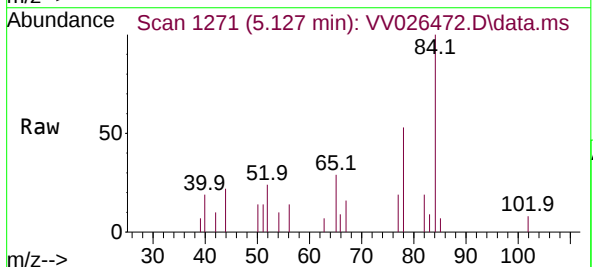
RT: 5.127 min Scan# 1271

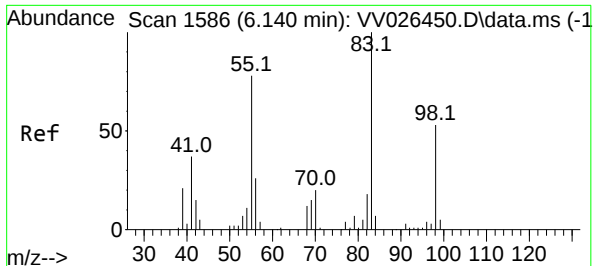
Delta R.T. 0.016 min

Lab File: VV026472.D

Acq: 21 Jun 2022 01:47

Tgt Ion: 78 Resp: 2104

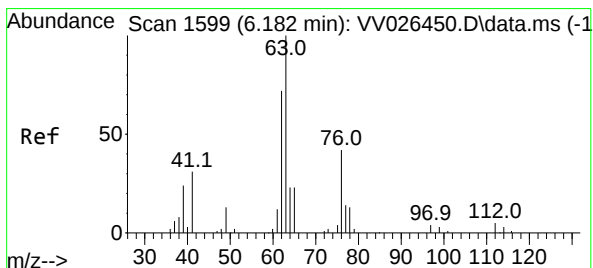
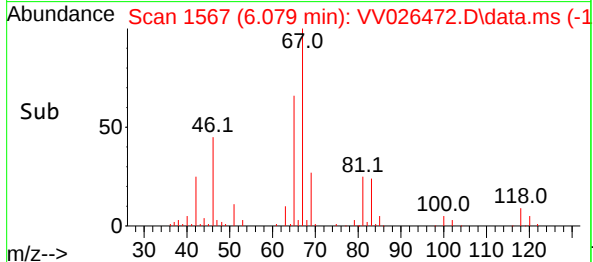
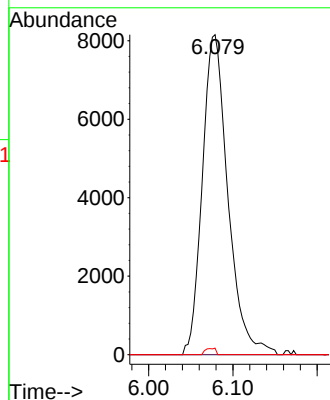
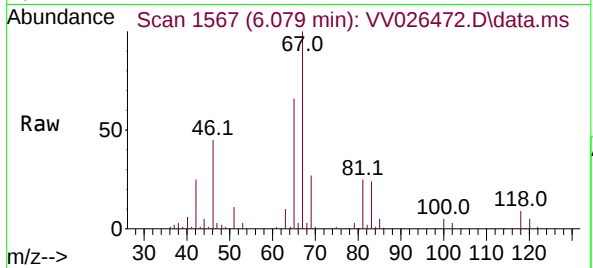




#35
Methylcyclohexane
Concen: 1.037 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.061 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

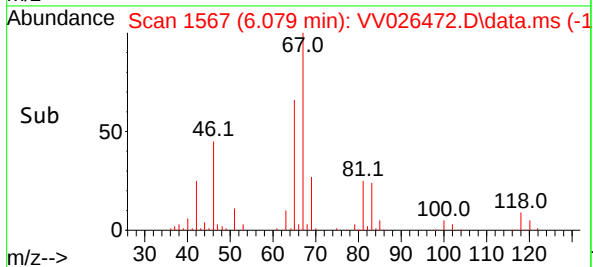
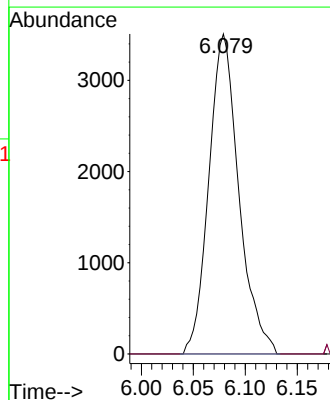
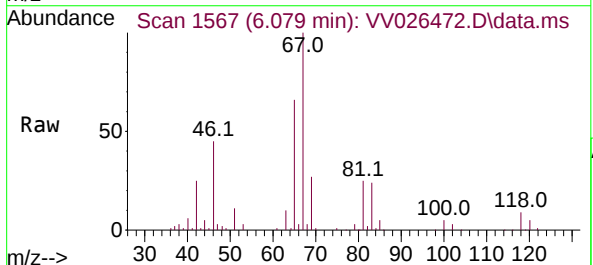
Instrument :
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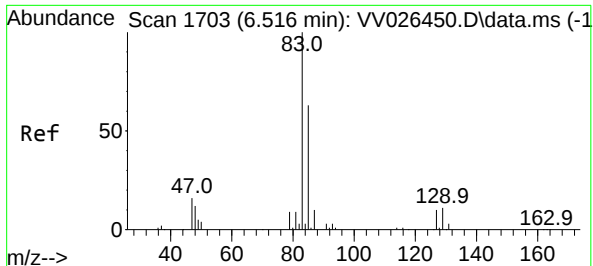
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	0.8	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.103 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.3	4.9#

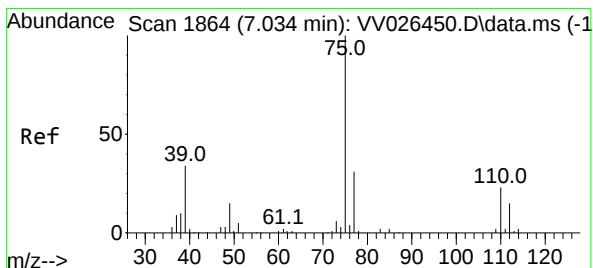
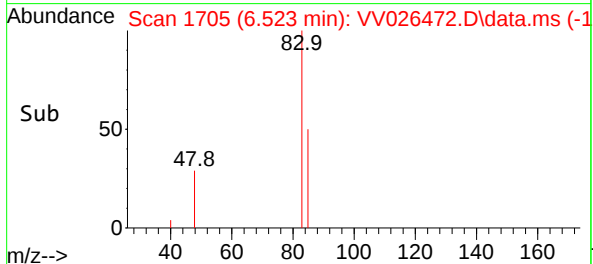
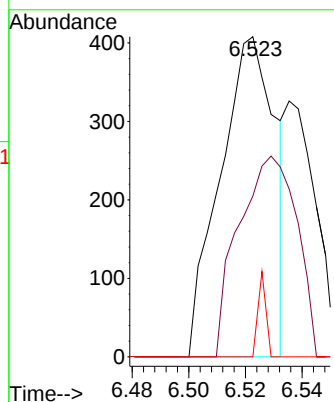
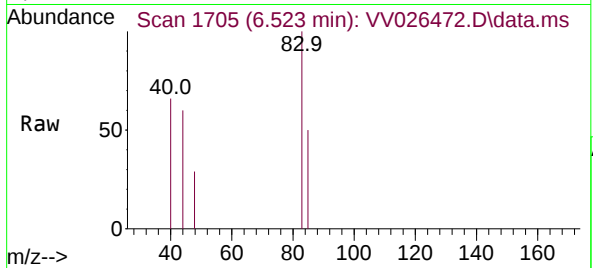




#38
Bromodichloromethane
Concen: 0.039 ug/L
RT: 6.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

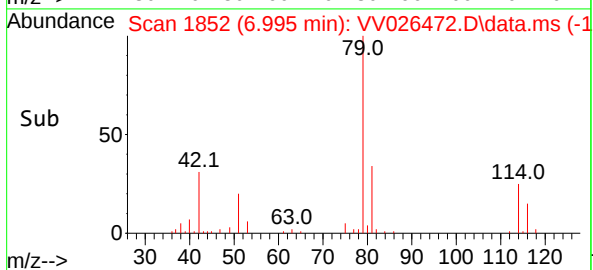
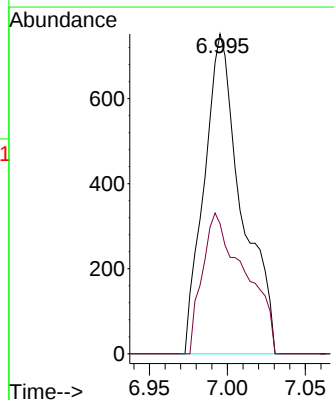
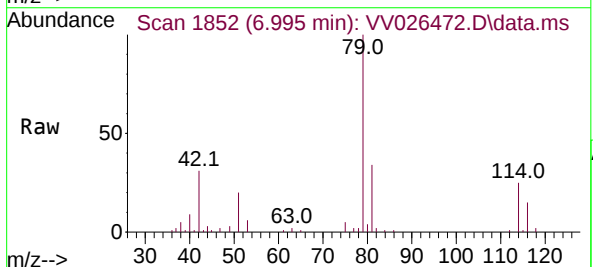
Instrument :
MSVOA_V
ClientSampleId :

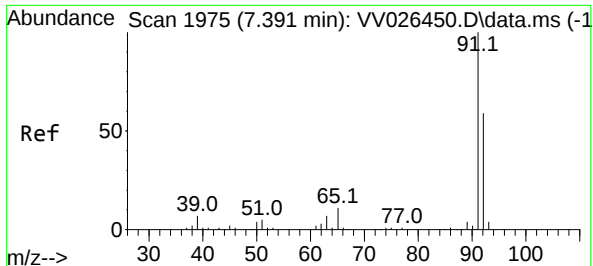
Tgt Ion: 83 Resp: 548
Ion Ratio Lower Upper
83 100
85 50.2 45.6 84.6
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.039 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

Tgt Ion: 75 Resp: 1255
Ion Ratio Lower Upper
75 100
77 40.7 23.0 42.6

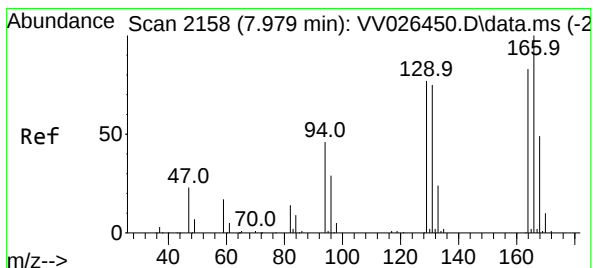
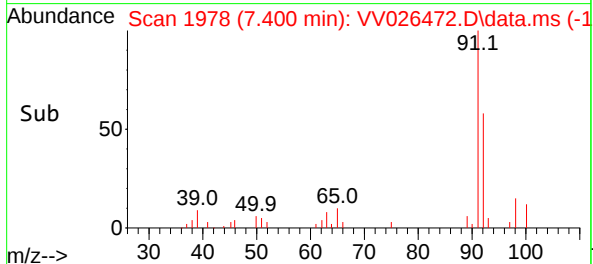
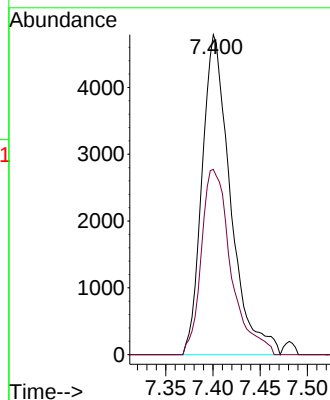
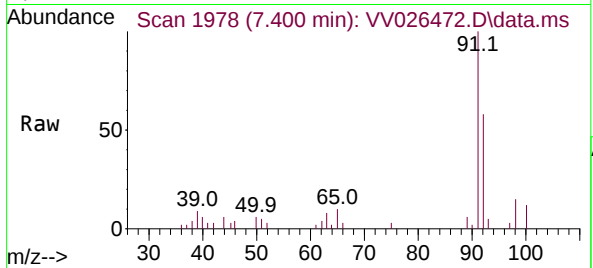




#42
Toluene
Concen: 0.216 ug/L
RT: 7.400 min Scan# 1975
Delta R.T. 0.010 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

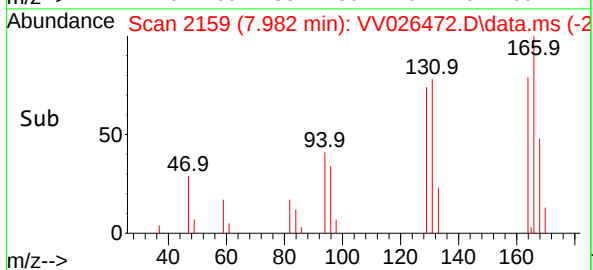
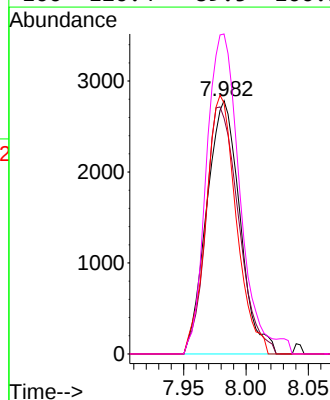
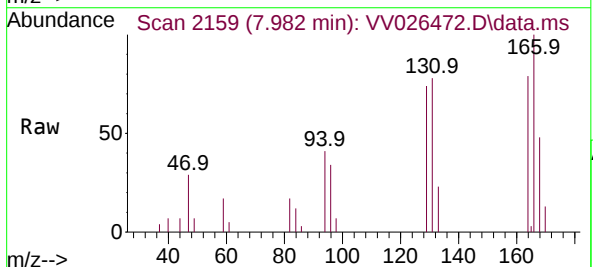
Instrument :
MSVOA_V
ClientSampleId :

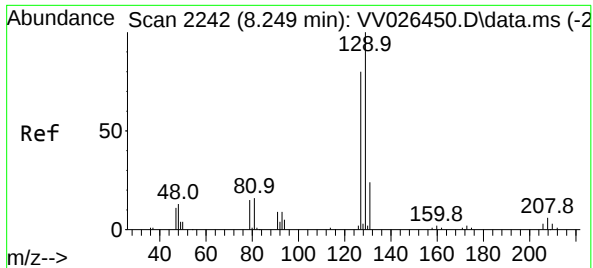
Tgt Ion: 91 Resp: 9980
Ion Ratio Lower Upper
91 100
92 57.9 40.1 74.5



#47
Tetrachloroethene
Concen: 0.579 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV026472.D
Acq: 21 Jun 2022 01:47

Tgt Ion: 164 Resp: 5154
Ion Ratio Lower Upper
164 100
129 93.1 67.5 125.3
131 99.1 63.8 118.4
166 126.4 89.5 166.3





#49

Dibromochloromethane

Concen: 0.583 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV026472.D

Acq: 21 Jun 2022 01:47

Instrument :

MSVOA_V

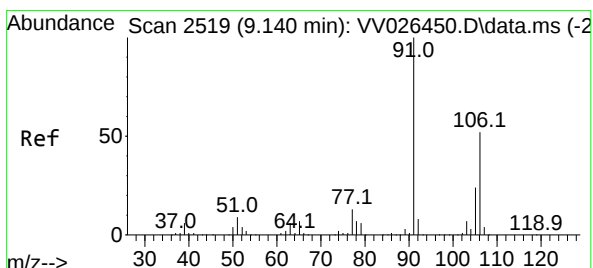
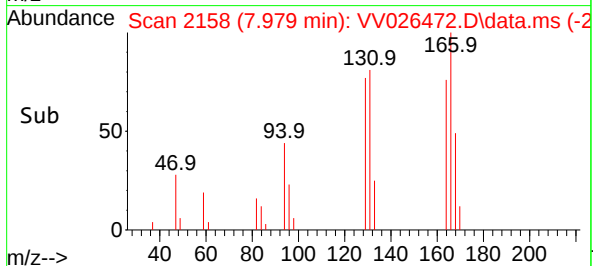
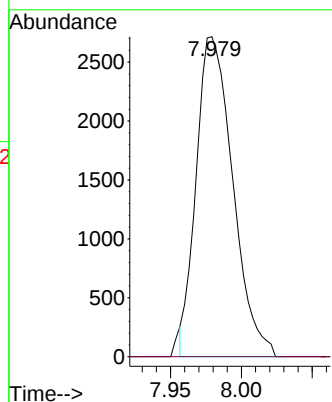
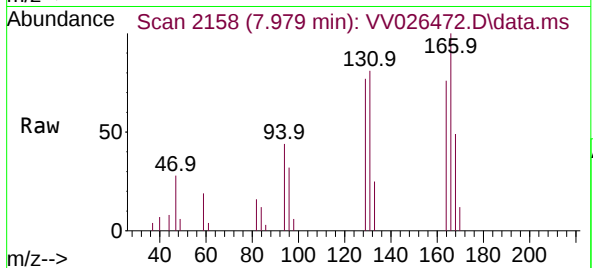
ClientSampleId :

Tgt Ion:129 Resp: 4878

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#53

m,p-Xylene

Concen: 0.054 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.010 min

Lab File: VV026472.D

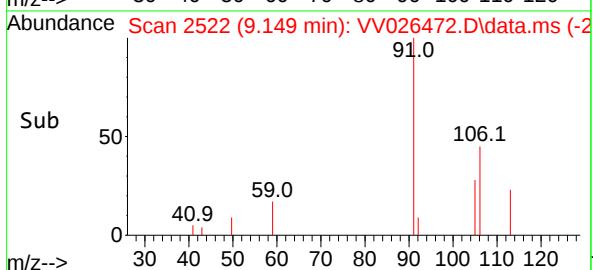
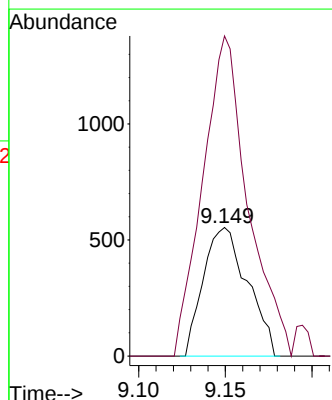
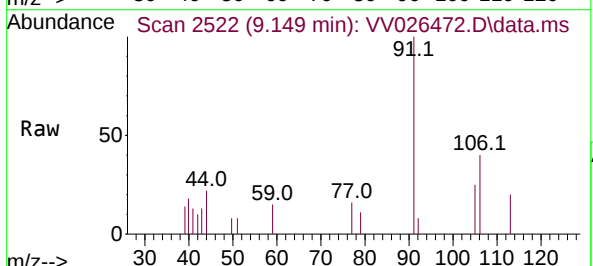
Acq: 21 Jun 2022 01:47

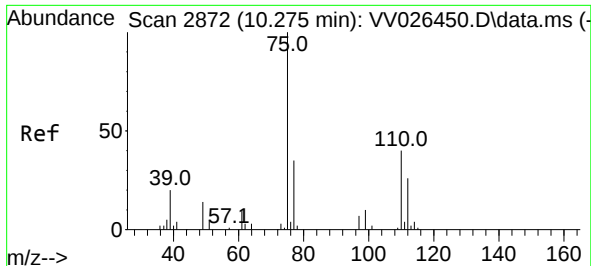
Tgt Ion:106 Resp: 981

Ion Ratio Lower Upper

106 100

91 248.9 141.3 262.3

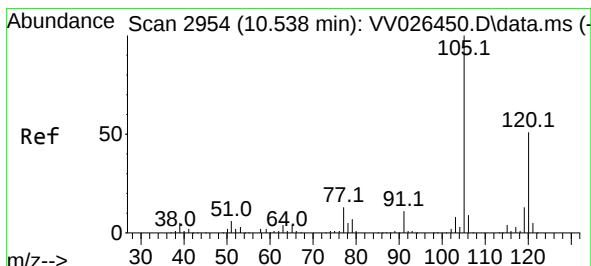
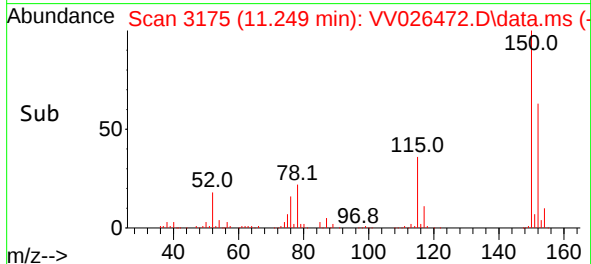
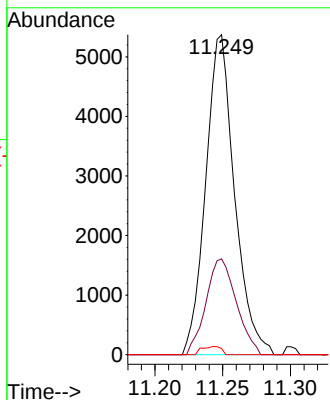
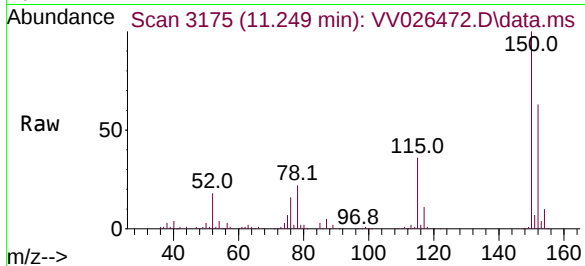




#61
 1,2,3-Trichloropropane
 Concen: 1.722 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV026472.D
 Acq: 21 Jun 2022 01:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 7955
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.9 40.3
 110 1.7 30.7 46.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV026472.D
 Acq: 21 Jun 2022 01:47

Tgt Ion: 105 Resp: 988
 Ion Ratio Lower Upper
 105 100
 120 54.9 39.9 59.9

