

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026467.D
 Acq On : 20 Jun 2022 23:48
 Operator : SY/MD
 Sample : N3401-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG0

Quant Time: Jun 21 05:42:12 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	153594	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	146081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	64218	4.814	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.584	69	57296	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.124	63	94008	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.931	46	87659	67.340	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.680%#
24) Chloroform-d	4.365	84	125081	6.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.000%#
26) 1,2-Dichloroethane-d4	5.047	65	51683	6.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.000%
32) Benzene-d6	5.059	84	243764	6.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.800%
36) 1,2-Dichloropropane-d6	6.079	67	72458	6.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.200%
41) Toluene-d8	7.320	98	198910	5.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
43) trans-1,3-Dichloroprop...	7.632	79	14082	3.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.095	63	63239	56.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45757	6.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	130.400%#
66) 1,2-Dichlorobenzene-d4	11.622	152	62470	6.974	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	139.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	1015	0.080	ug/L	93
5) Vinyl chloride	1.327	62	572	0.043	ug/L #	1
6) Bromomethane	1.542	94	351	0.047	ug/L	75
8) Chloroethane	1.606	64	13330	1.620	ug/L #	52
12) 1,1-Dichloroethene	2.121	96	805	0.083	ug/L #	1
13) Acetone	2.224	43	4291	4.254	ug/L	86
14) Carbon disulfide	2.310	76	13133	0.549	ug/L	99
27) 1,2-Dichloroethane	5.162	62	562	0.063	ug/L #	71
33) Benzene	5.117	78	2165	0.058	ug/L	100
35) Methylcyclohexane	6.079	83	16992	1.201	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8110	0.828	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1115	0.100	ug/L #	46
42) Toluene	7.400	91	9514	0.242	ug/L	92
52) Ethylbenzene	9.021	91	2207	0.056	ug/L	91
53) m,p-Xylene	9.143	106	2805	0.182	ug/L	91
54) o-Xylene	9.551	106	1275	0.086	ug/L	81
61) 1,2,3-Trichloropropane	11.249	75	6768	1.794	ug/L #	66
63) 1,2,4-Trimethylbenzene	10.915	105	2321	0.095	ug/L	87

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

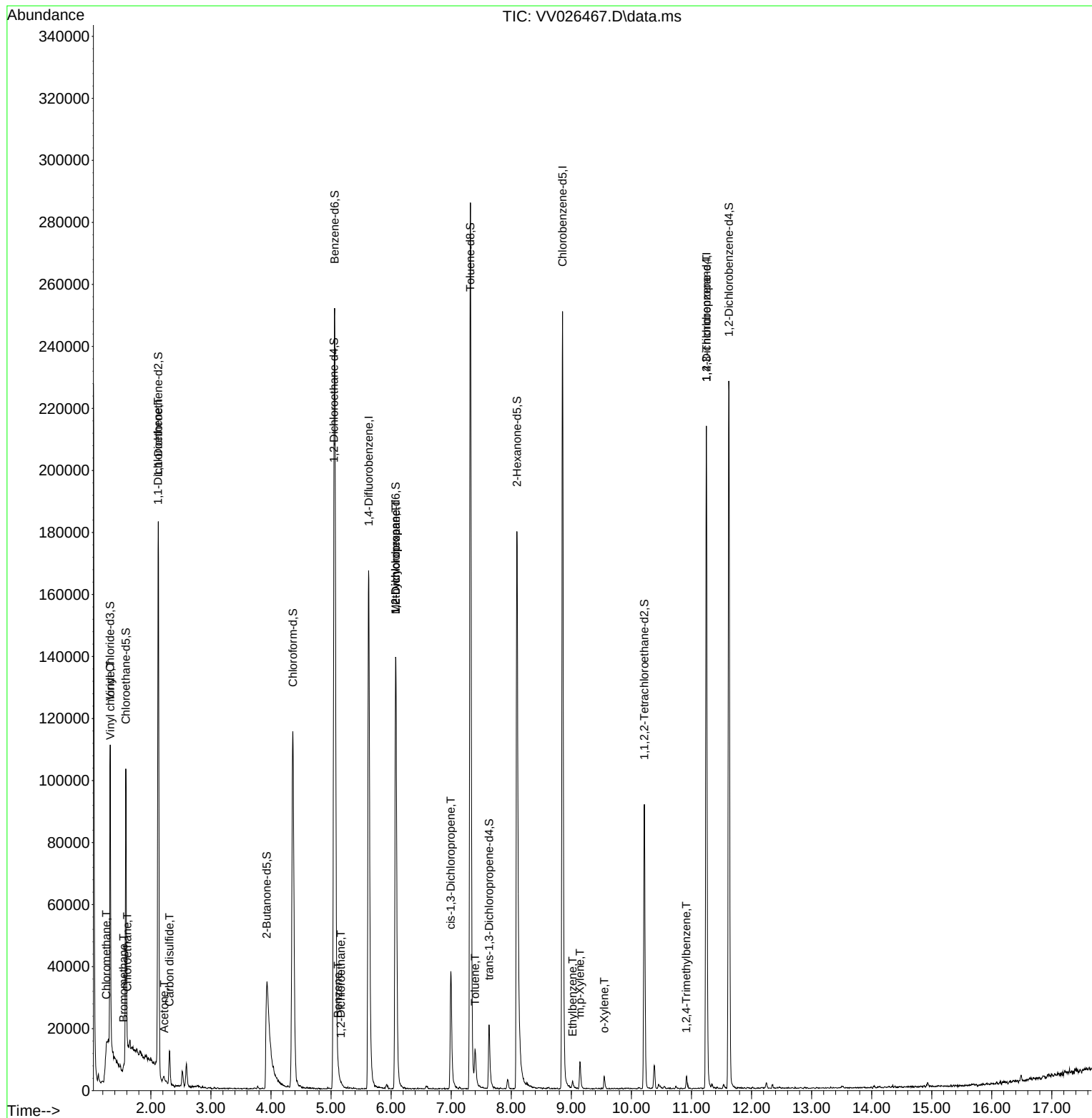
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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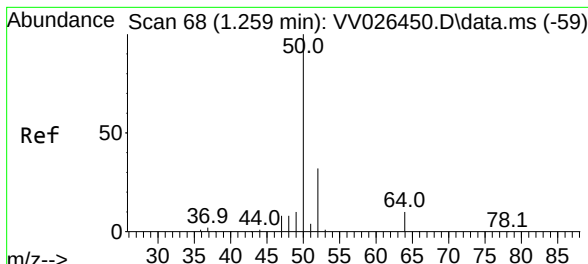
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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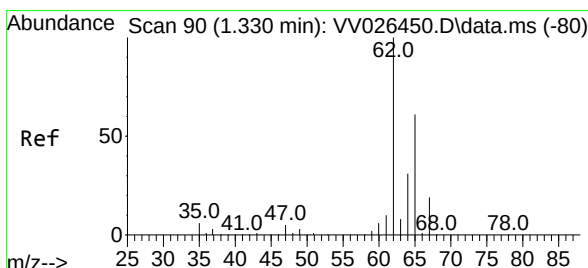
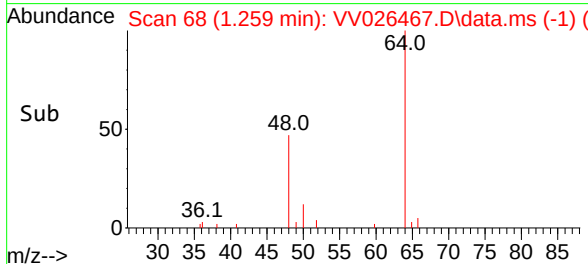
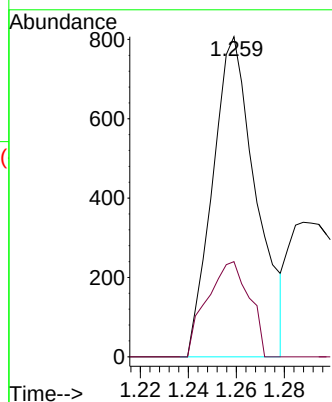
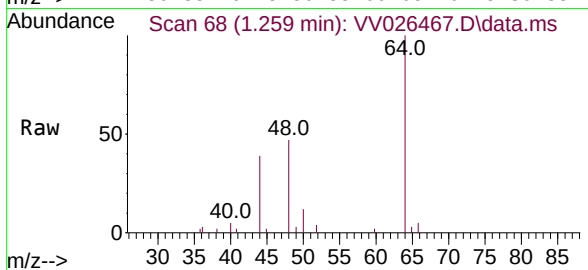




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.259 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

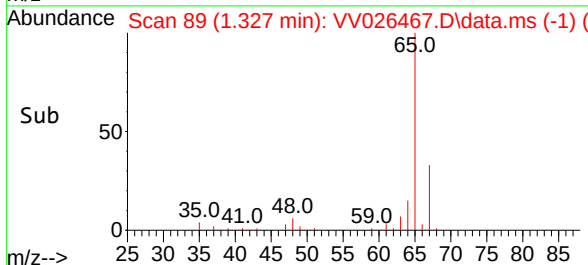
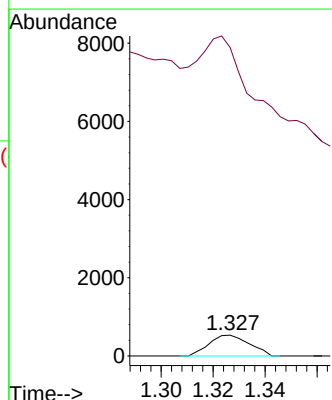
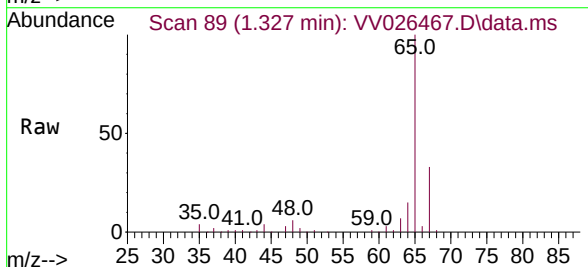
Instrument :
MSVOA_V
ClientSampleId :
C0AG0

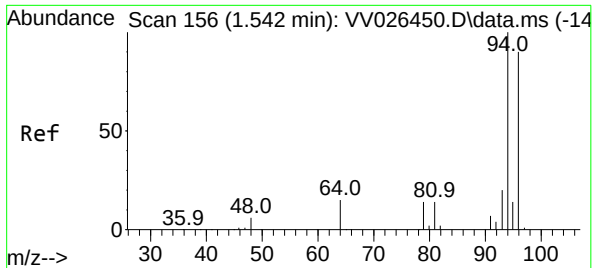
Tgt Ion: 50 Resp: 1015
Ion Ratio Lower Upper
50 100
52 29.7 23.7 44.1



#5
Vinyl chloride
Concen: 0.043 ug/L
RT: 1.327 min Scan# 89
Delta R.T. -0.003 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

Tgt Ion: 62 Resp: 572
Ion Ratio Lower Upper
62 100
64 1489.2 23.2 43.2#

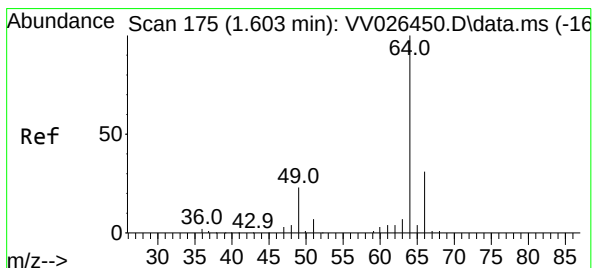
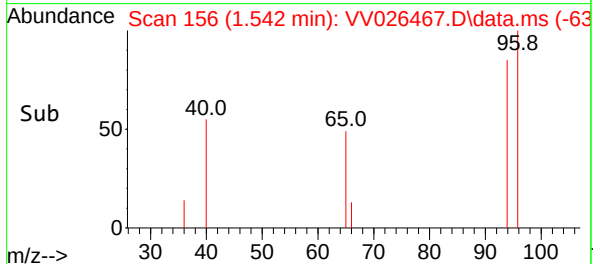
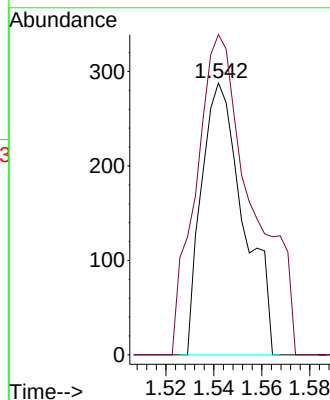
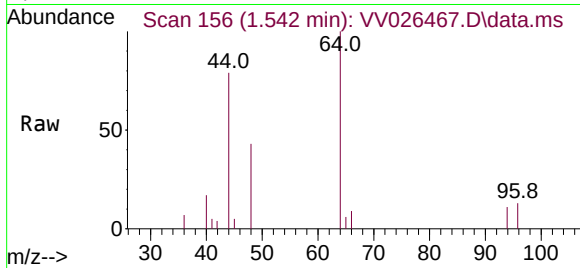




#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

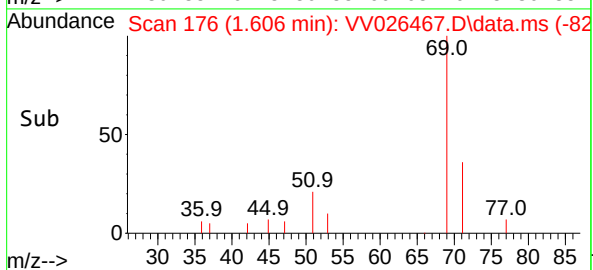
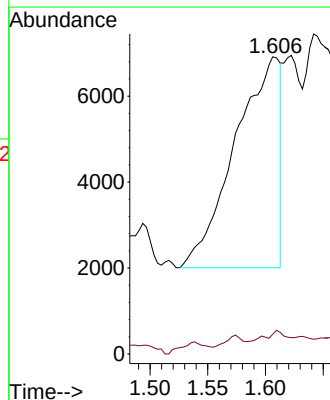
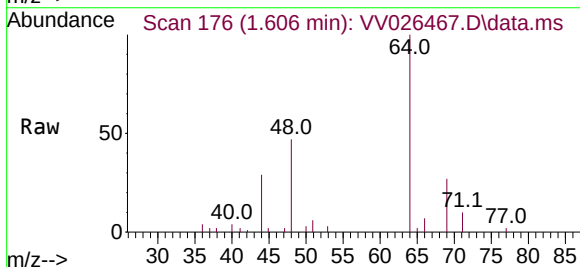
Instrument :
MSVOA_V
ClientSampleId :
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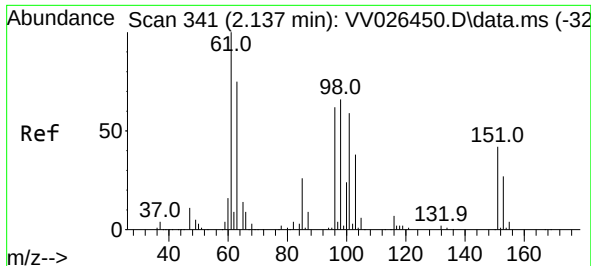
Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 117.7 65.7 121.9



#8
Chloroethane
Concen: 1.620 ug/L
RT: 1.606 min Scan# 176
Delta R.T. 0.003 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

Tgt Ion: 64 Resp: 13330
Ion Ratio Lower Upper
64 100
66 6.7 24.1 44.7#

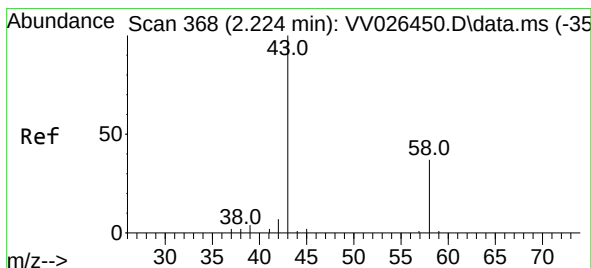
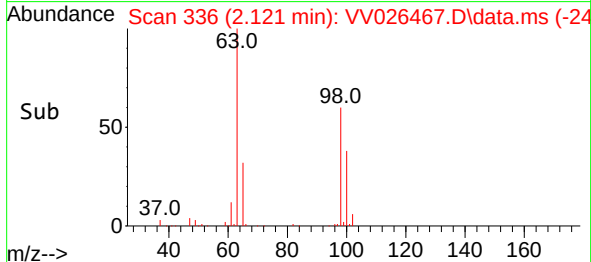
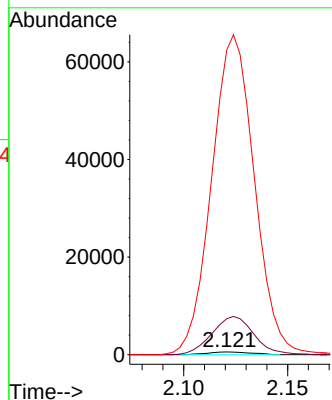
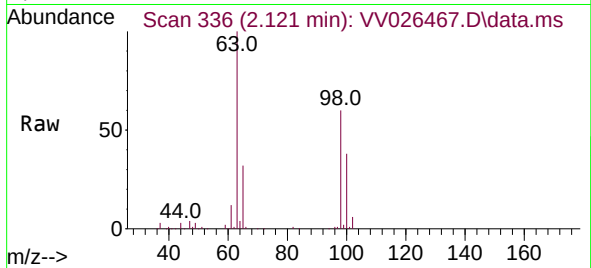




#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

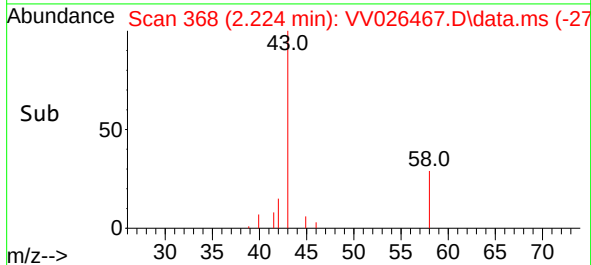
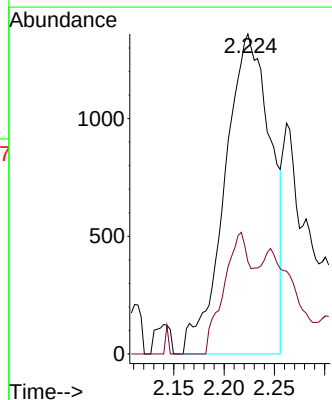
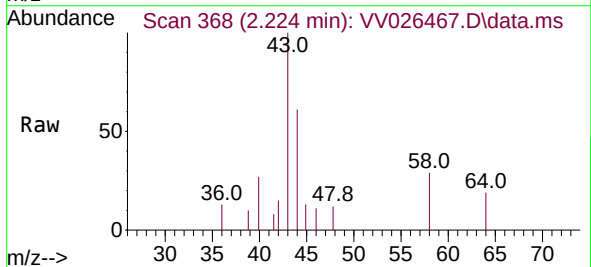
Instrument :
MSVOA_V
ClientSampleId :
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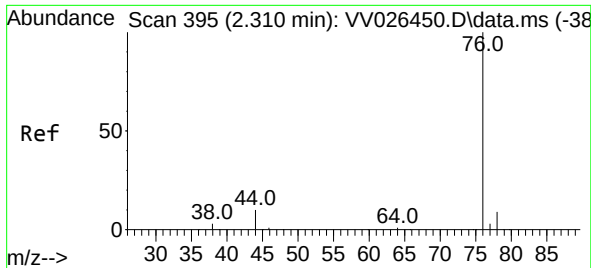
Tgt Ion: 96 Resp: 805
Ion Ratio Lower Upper
96 100
61 1313.5 117.1 217.5#
63 11104.6 92.8 172.4#



#13
Acetone
Concen: 4.254 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.000 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

Tgt Ion: 43 Resp: 4291
Ion Ratio Lower Upper
43 100
58 22.5 0.0 60.0

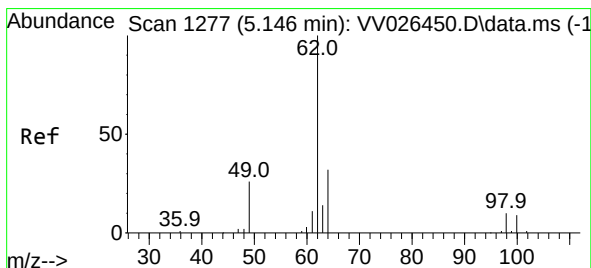
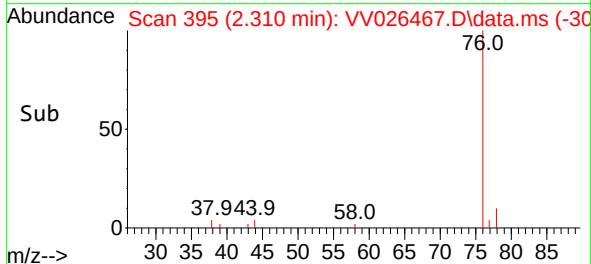
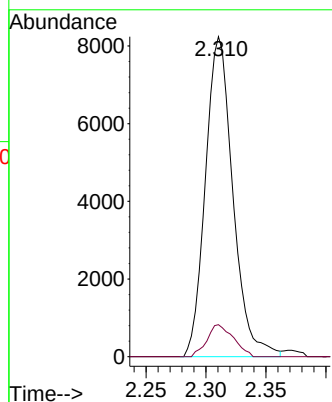
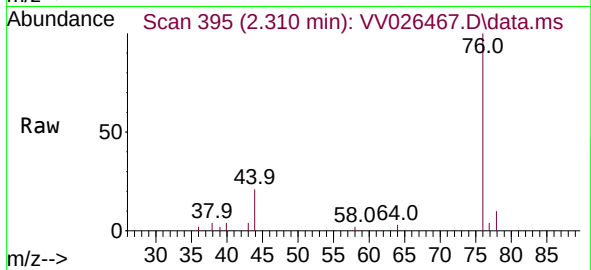




#14
Carbon disulfide
Concen: 0.549 ug/L
RT: 2.310 min Scan# 395
Delta R.T. -0.000 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

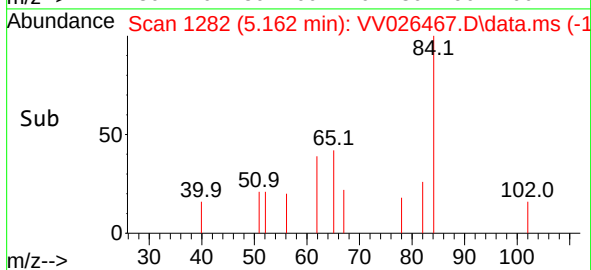
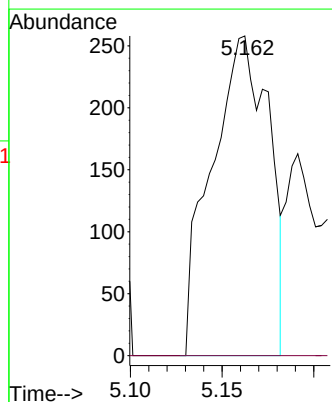
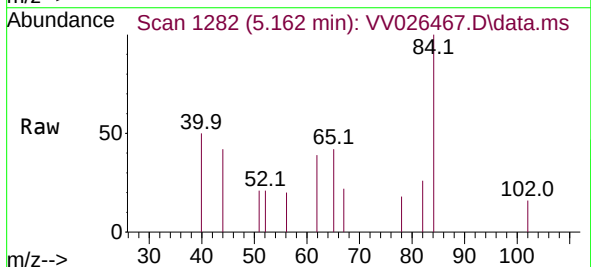
Instrument :
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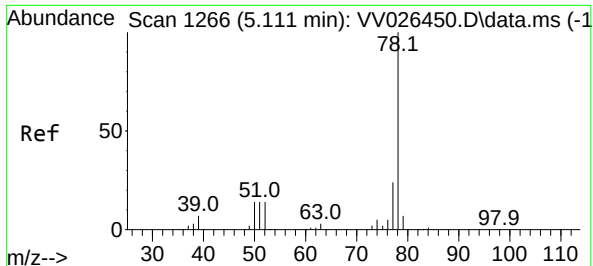
Tgt Ion: 76 Resp: 13133
Ion Ratio Lower Upper
76 100
78 10.0 7.7 11.5



#27
1,2-Dichloroethane
Concen: 0.063 ug/L
RT: 5.162 min Scan# 1282
Delta R.T. 0.016 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

Tgt Ion: 62 Resp: 562
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#

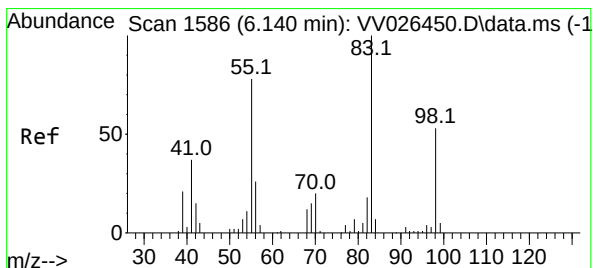
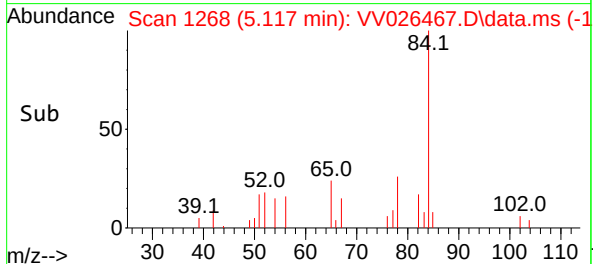
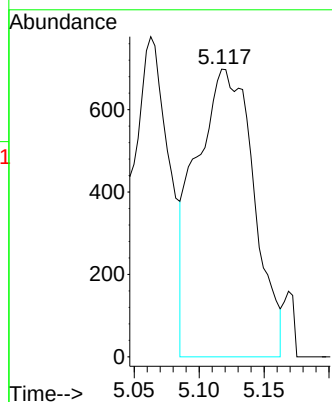
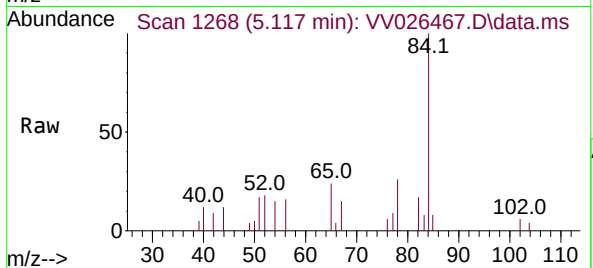




#33
Benzene
Concen: 0.058 ug/L
RT: 5.117 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

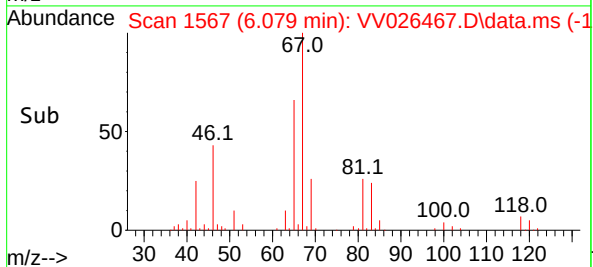
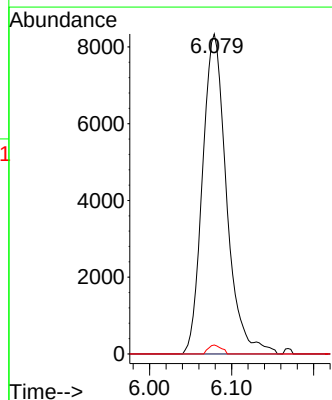
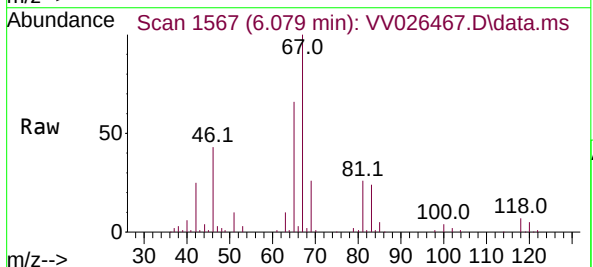
Instrument :
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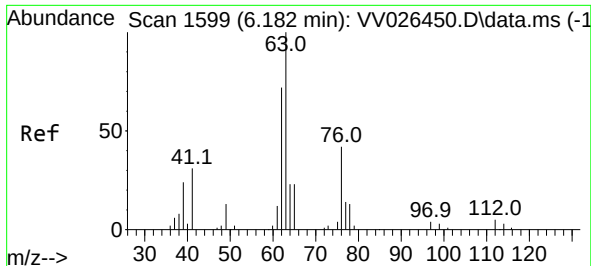
Tgt Ion: 78 Resp: 2165



#35
Methylcyclohexane
Concen: 1.201 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.061 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

Tgt Ion: 83 Resp: 16992
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 1.5 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.828 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.103 min

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Instrument :

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ClientSampleId :

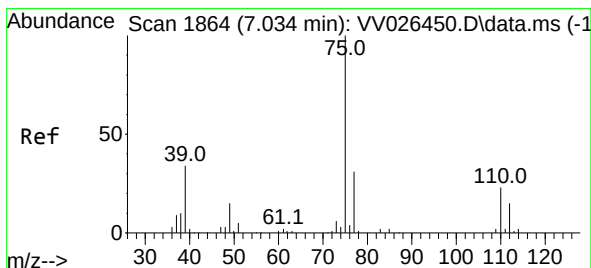
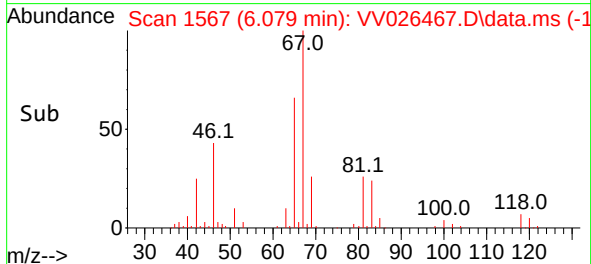
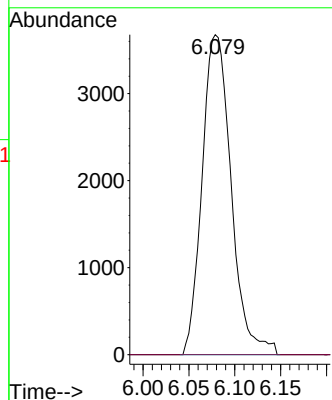
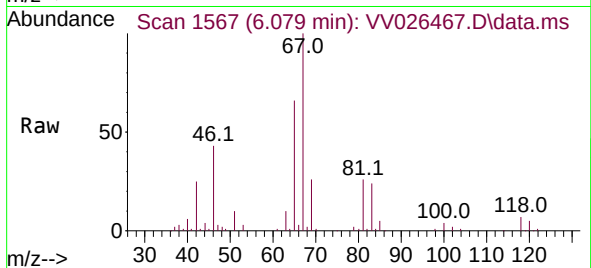
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Tgt Ion: 63 Resp: 8110

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.042 min

Lab File: VV026467.D

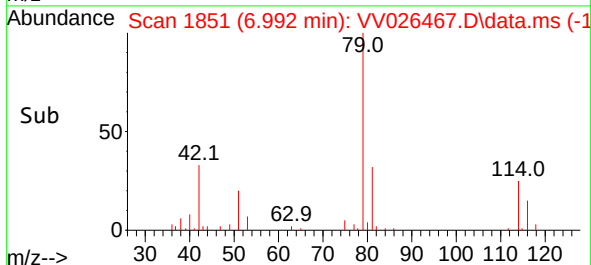
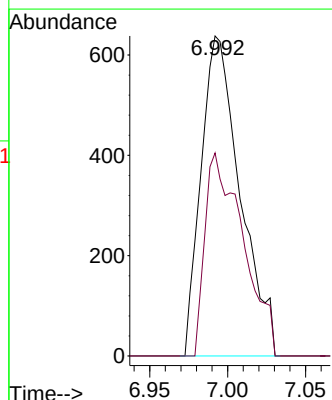
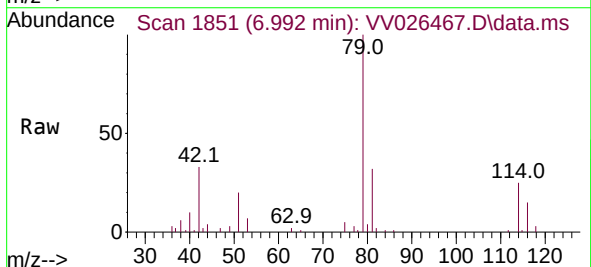
Acq: 20 Jun 2022 23:48

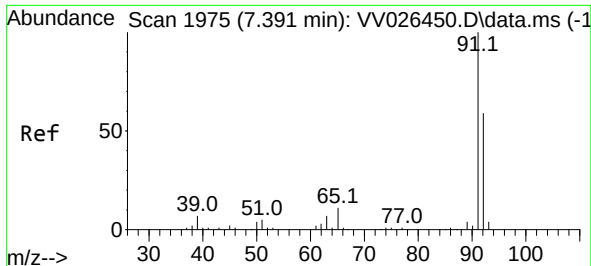
Tgt Ion: 75 Resp: 1115

Ion Ratio Lower Upper

75 100

77 63.5 23.0 42.6#





#42

Toluene

Concen: 0.242 ug/L

RT: 7.400 min Scan# 1975

Delta R.T. 0.010 min

Lab File: VV026467.D

Acq: 20 Jun 2022 23:48

Instrument :

MSVOA_V

ClientSampleId :

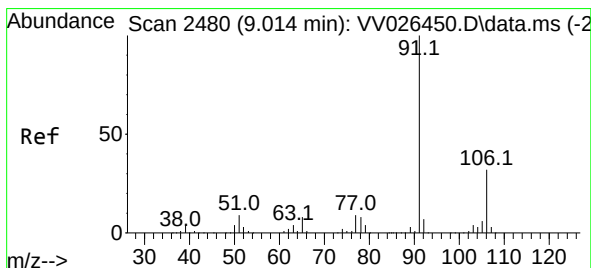
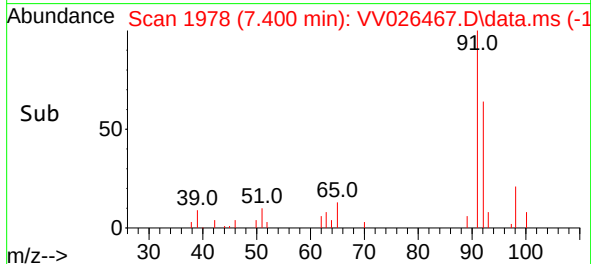
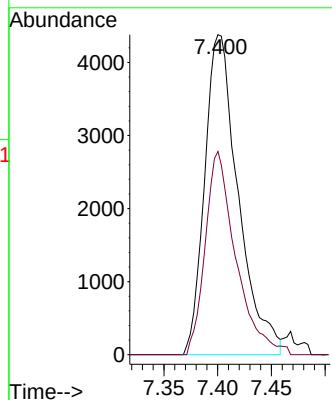
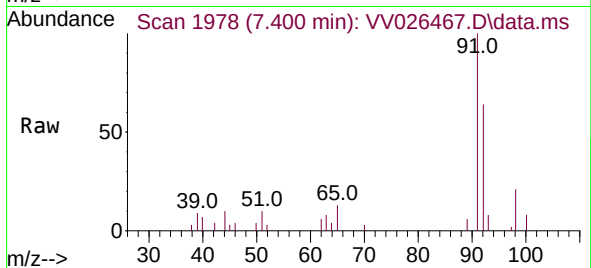
C0AG0

Tgt Ion: 91 Resp: 9514

Ion Ratio Lower Upper

91 100

92 63.5 40.1 74.5



#52

Ethylbenzene

Concen: 0.056 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.006 min

Lab File: VV026467.D

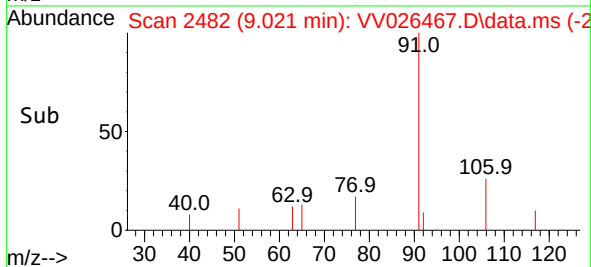
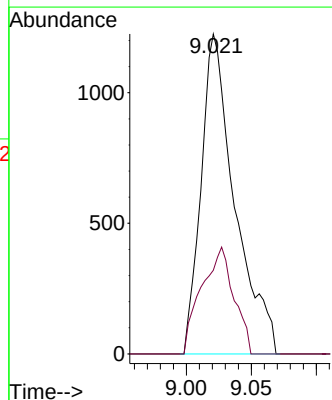
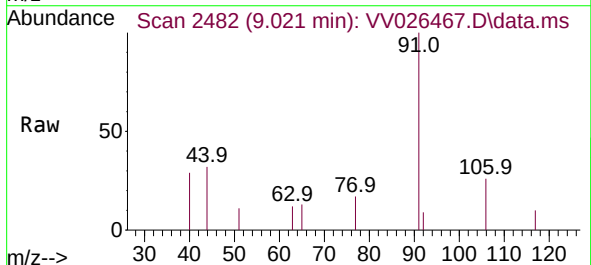
Acq: 20 Jun 2022 23:48

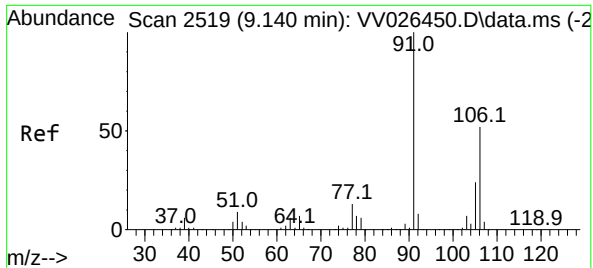
Tgt Ion: 91 Resp: 2207

Ion Ratio Lower Upper

91 100

106 26.1 21.6 40.0

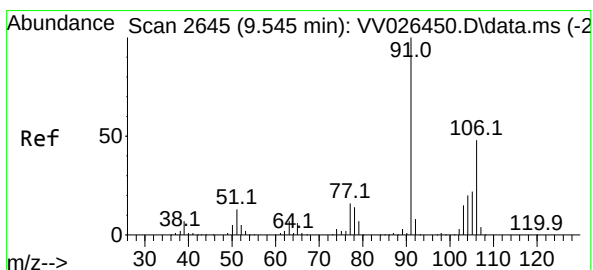
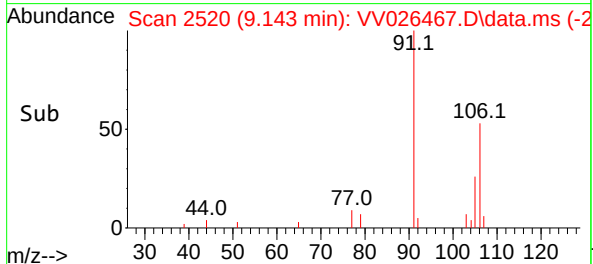
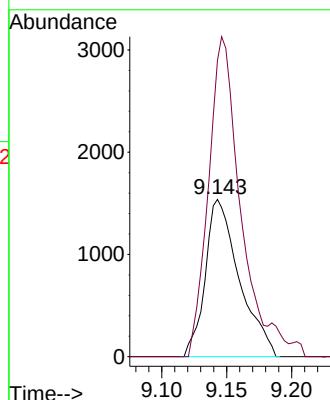
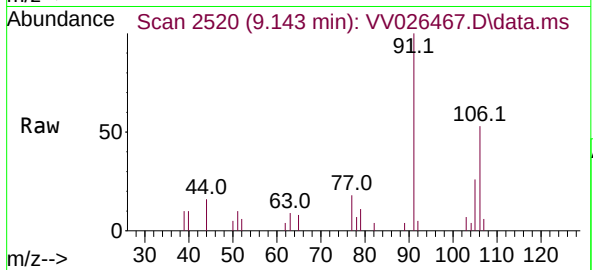




#53
m,p-Xylene
Concen: 0.182 ug/L
RT: 9.143 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

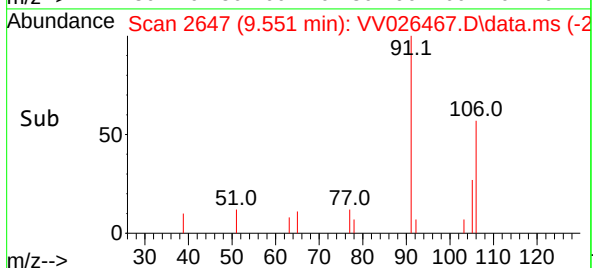
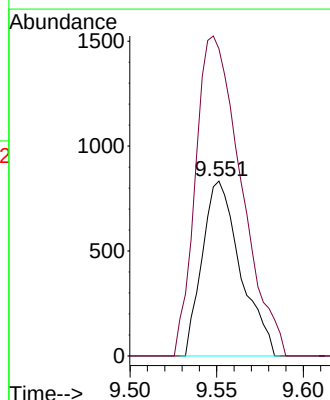
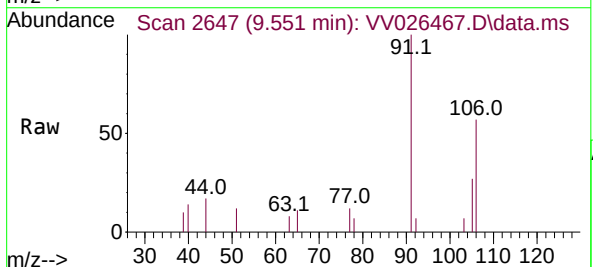
Instrument :
MSVOA_V
ClientSampleId :
C0AG0

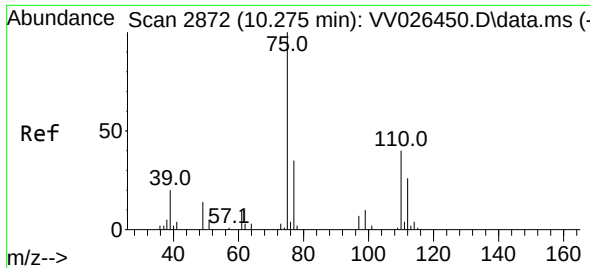
Tgt Ion:106 Resp: 2805
Ion Ratio Lower Upper
106 100
91 188.3 141.3 262.3



#54
o-Xylene
Concen: 0.086 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

Tgt Ion:106 Resp: 1275
Ion Ratio Lower Upper
106 100
91 175.8 143.3 266.1

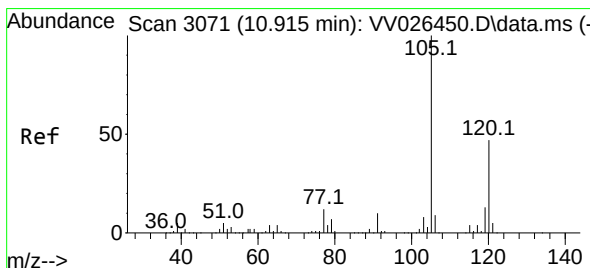
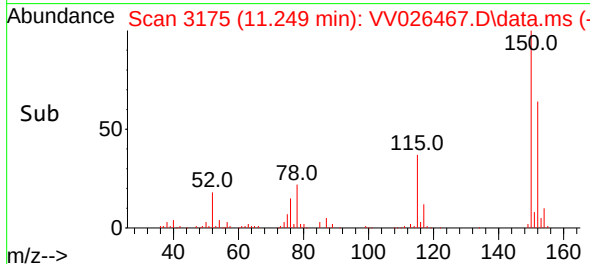
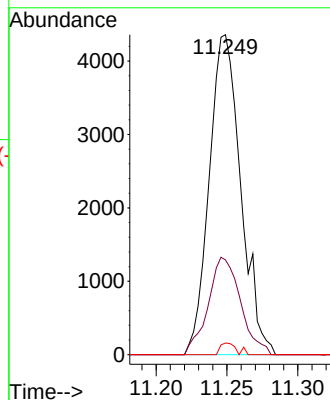
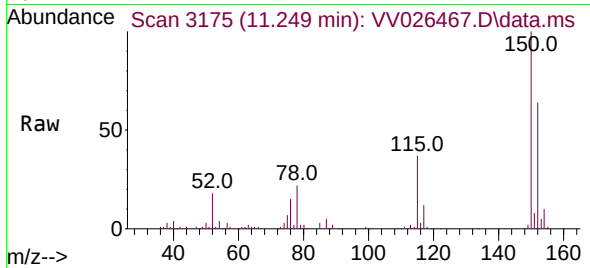




#61
1,2,3-Trichloropropane
Concen: 1.794 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

Instrument :
MSVOA_V
ClientSampleId :
C0AG0

Tgt Ion: 75 Resp: 6768
Ion Ratio Lower Upper
75 100
77 31.2 26.9 40.3
110 1.9 30.7 46.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.095 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV026467.D
Acq: 20 Jun 2022 23:48

Tgt Ion: 105 Resp: 2321
Ion Ratio Lower Upper
105 100
120 55.0 36.9 55.3

