

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012722\
 Data File : VW024467.D
 Acq On : 27 Jan 2022 21:38
 Operator : SY/MD
 Sample : N1318-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 28 03:23:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 03:20:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	139133	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53001	4.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.568	69	52228	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.111	63	83185	3.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.908	46	99812	51.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.760%
24) Chloroform-d	4.349	84	119212	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.037	65	57534	5.492	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.050	84	221113	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.069	67	73907	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	183889	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.625	79	22368	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.092	63	84849	51.361	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.720%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44165	5.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	68832	5.463	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1140	0.080	ug/L #	82
6) Bromomethane	1.526	94	522	0.058	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1023	0.093	ug/L #	19
12) 1,1-Dichloroethene	2.111	96	995	0.095	ug/L #	1
22) cis-1,2-Dichloroethene	3.918	96	26639	2.644	ug/L	95
25) Chloroform	4.381	83	5745	0.270	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	5531	0.319	ug/L	94
34) Trichloroethene	5.915	95	134485	11.882	ug/L	96
35) Methylcyclohexane	6.072	83	17428	1.044	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	8263	0.840	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1835	0.138	ug/L	84
44) trans-1,3-Dichloropropene	7.622	75	938	0.085	ug/L	97
53) m,p-xylene	9.146	106	542	0.032	ug/L	71
61) 1,2,3-Trichloropropane	11.246	75	8611	1.891	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	994	0.034	ug/L	95
69) 1,3,5-Trichlorobenzene	12.651	180	1194	0.081	ug/L #	96
70) 1,2,4-trichlorobenzene	13.271	180	1330	0.118	ug/L #	82
71) Naphthalene	13.513	128	4402	0.311	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.747	180	1469	0.153	ug/L	95

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 28 03:20:33 2022
Response via : Initial Calibration

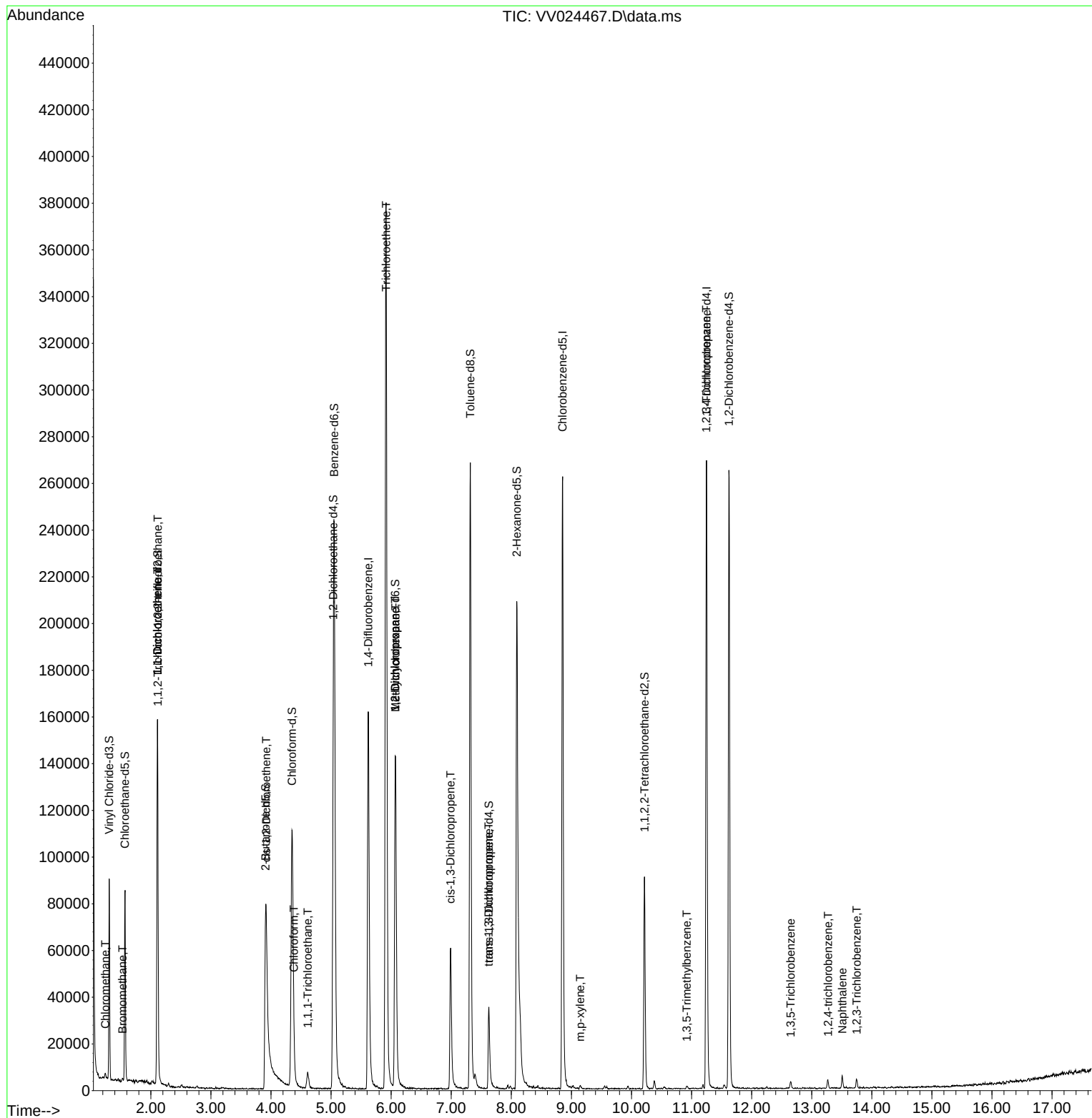
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

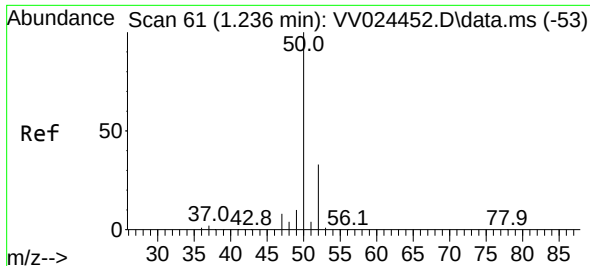
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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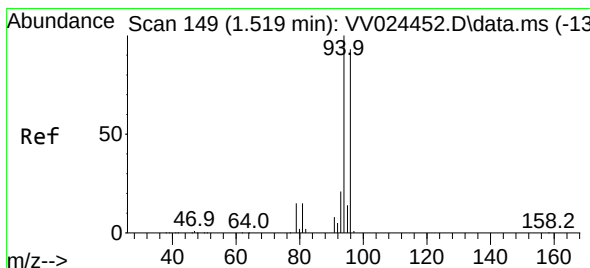
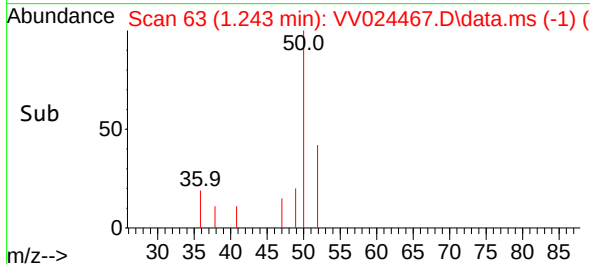
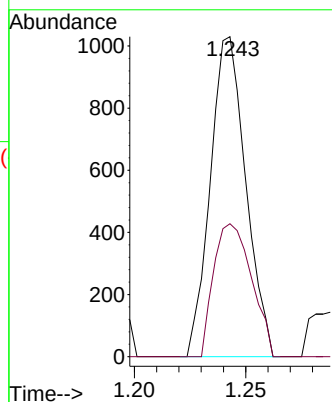
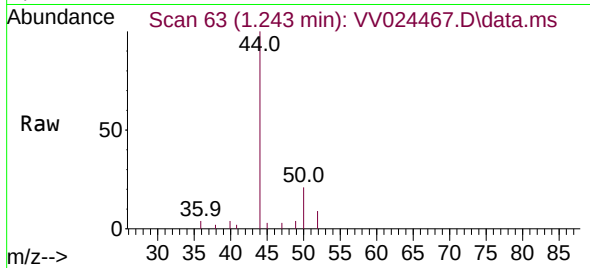




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV024467.D
Acq: 27 Jan 2022 21:38

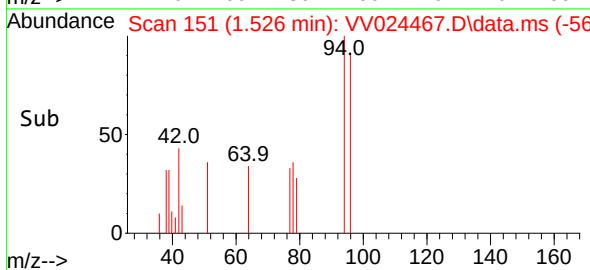
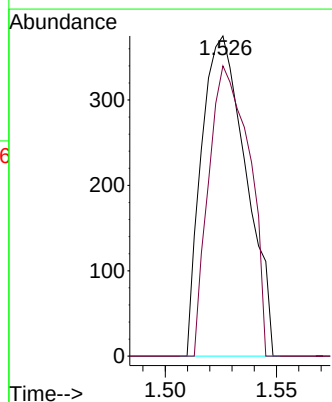
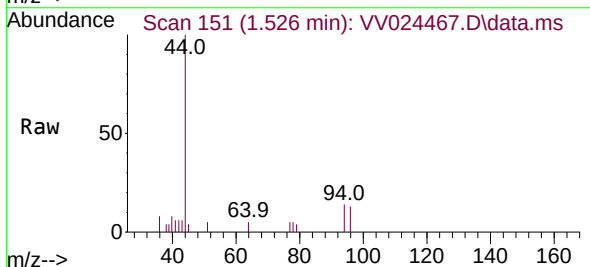
Instrument :
MSVOA_V
ClientSampleId :

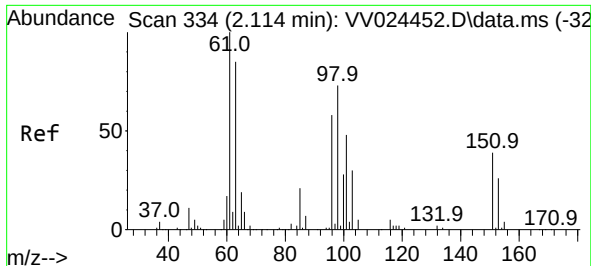
Tgt Ion: 50 Resp: 1140
Ion Ratio Lower Upper
50 100
52 41.6 22.0 41.0#



#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.007 min
Lab File: VV024467.D
Acq: 27 Jan 2022 21:38

Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 90.7 66.2 123.0

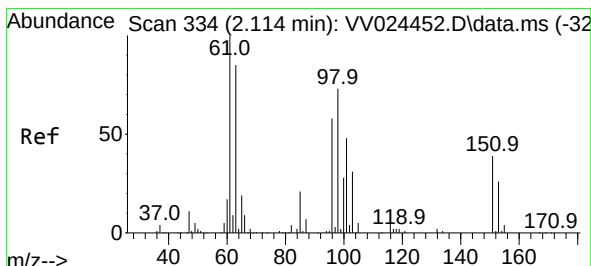
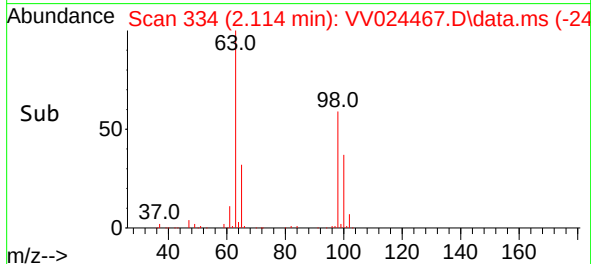
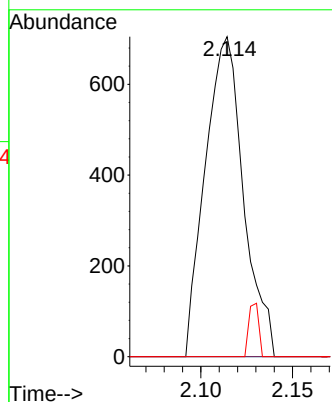
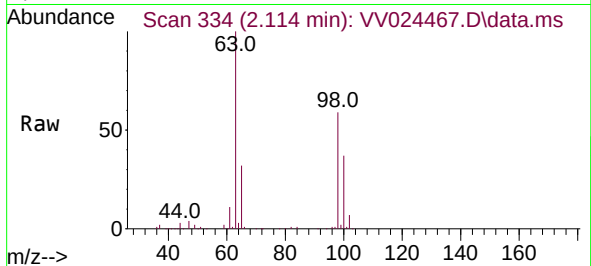




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.093 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV024467.D
 Acq: 27 Jan 2022 21:38

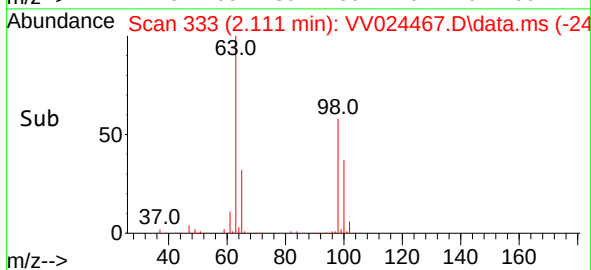
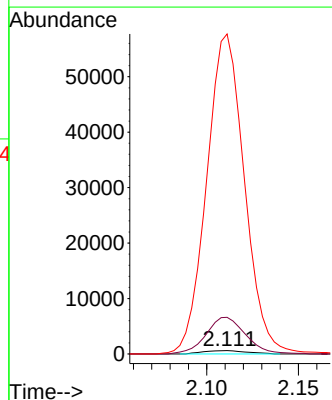
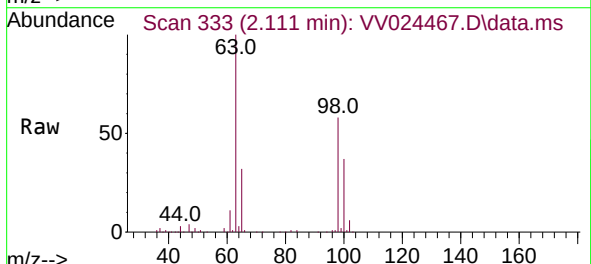
Instrument :
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 ClientSampleId :

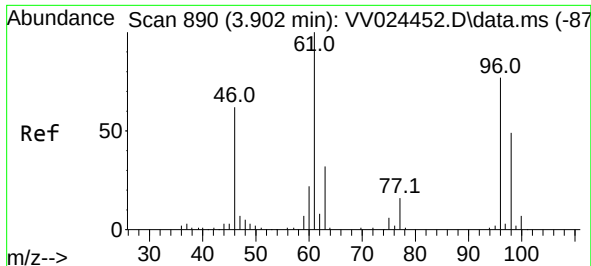
Tgt Ion:101 Resp: 1023
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.0 54.0#
 151 4.3 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 0.095 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV024467.D
 Acq: 27 Jan 2022 21:38

Tgt Ion: 96 Resp: 995
 Ion Ratio Lower Upper
 96 100
 61 1083.0 116.1 215.5#
 63 9461.0 79.4 147.4#





#22

cis-1,2-Dichloroethene

Concen: 2.644 ug/L

RT: 3.918 min Scan# 890

Delta R.T. 0.016 min

Lab File: VV024467.D

Acq: 27 Jan 2022 21:38

Instrument :

MSVOA_V

ClientSampleId :

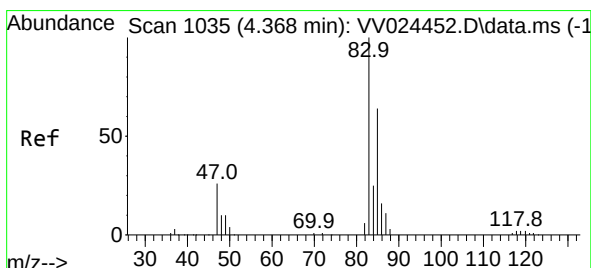
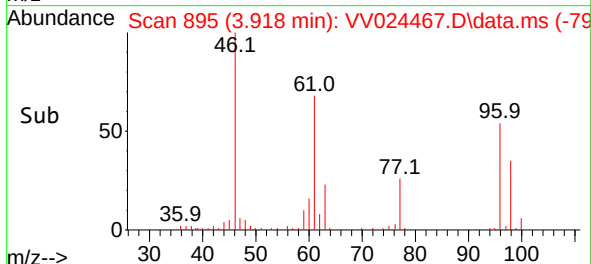
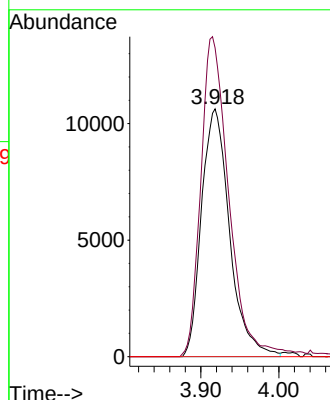
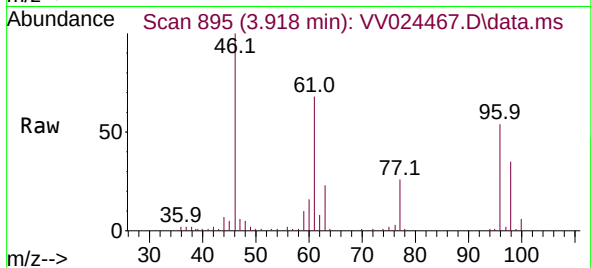
Tgt Ion: 96 Resp: 26639

Ion Ratio Lower Upper

96 100

61 124.6 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.270 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.013 min

Lab File: VV024467.D

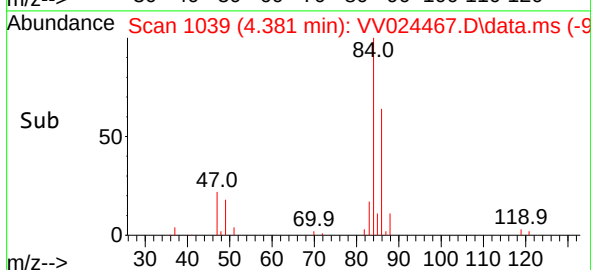
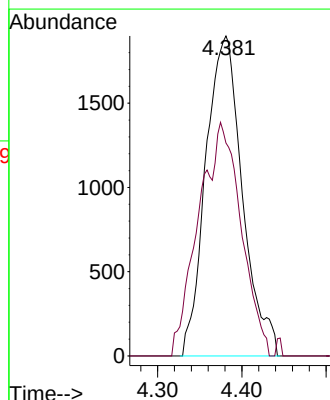
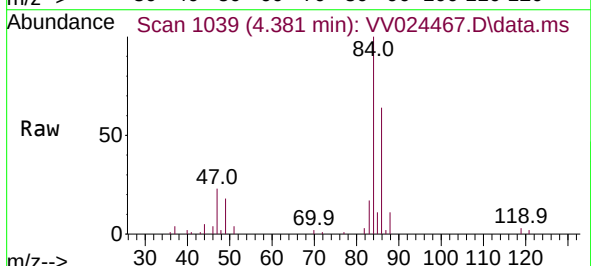
Acq: 27 Jan 2022 21:38

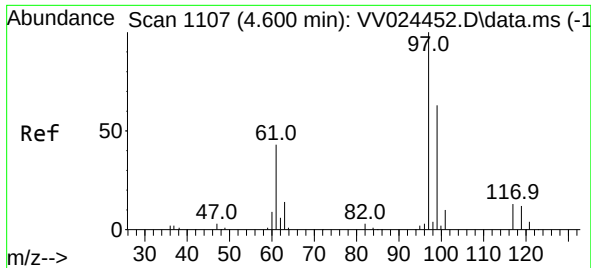
Tgt Ion: 83 Resp: 5745

Ion Ratio Lower Upper

83 100

85 66.6 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.319 ug/L

RT: 4.609 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV024467.D

Acq: 27 Jan 2022 21:38

Instrument :

MSVOA_V

ClientSampleId :

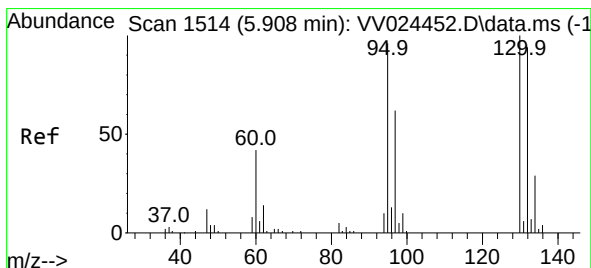
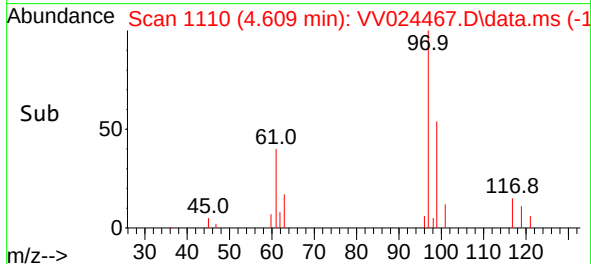
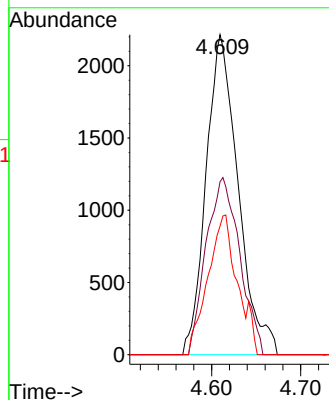
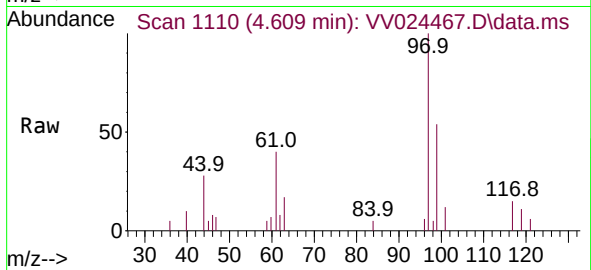
Tgt Ion: 97 Resp: 5531

Ion Ratio Lower Upper

97 100

99 58.1 51.9 77.9

61 40.3 33.2 49.8



#34

Trichloroethene

Concen: 11.882 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.007 min

Lab File: VV024467.D

Acq: 27 Jan 2022 21:38

Tgt Ion: 95 Resp: 134485

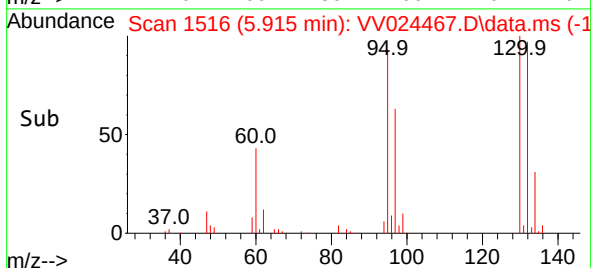
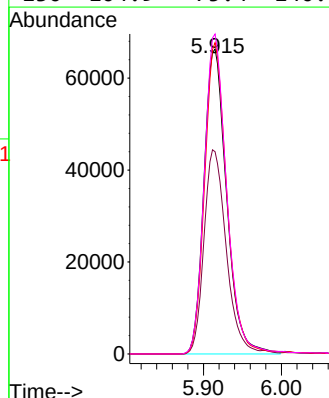
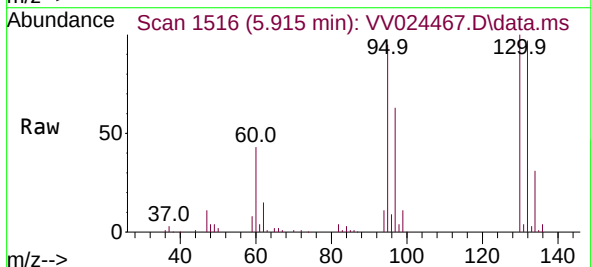
Ion Ratio Lower Upper

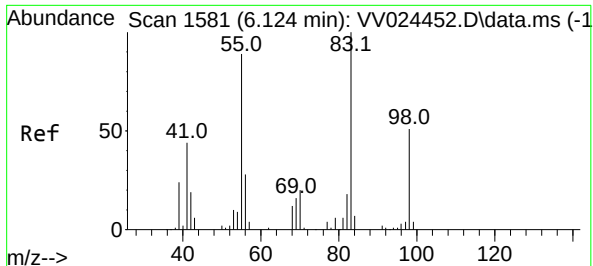
95 100

97 66.3 45.2 84.0

132 102.1 76.1 141.3

130 104.9 75.4 140.0





#35

Methylcyclohexane

Concen: 1.044 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.051 min

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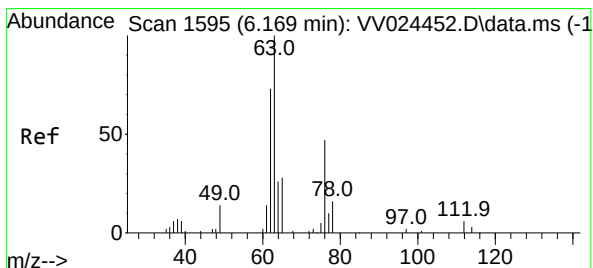
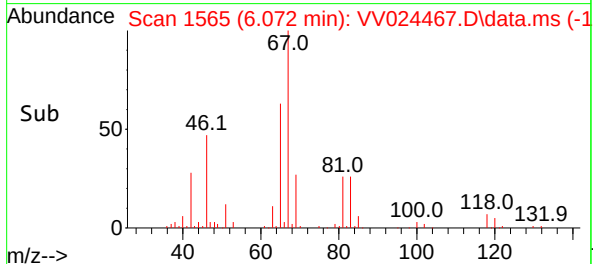
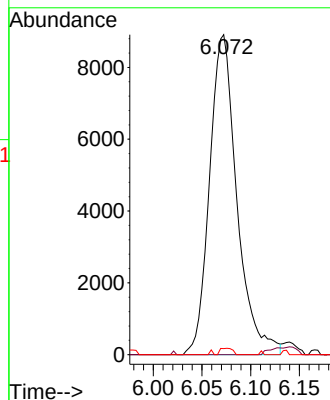
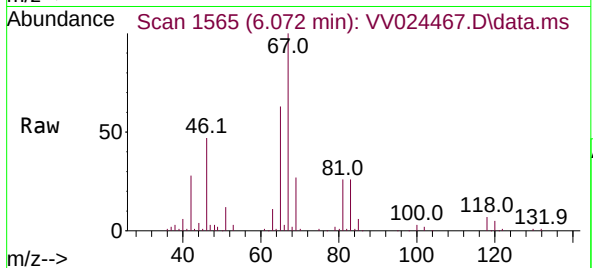
Tgt Ion: 83 Resp: 17428

Ion Ratio Lower Upper

83 100

55 0.1 60.2 90.2#

98 2.4 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.840 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV024467.D

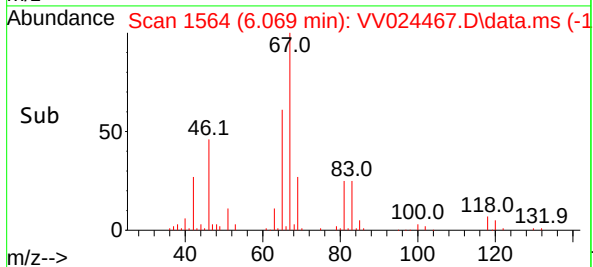
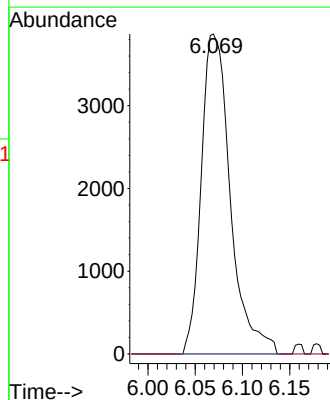
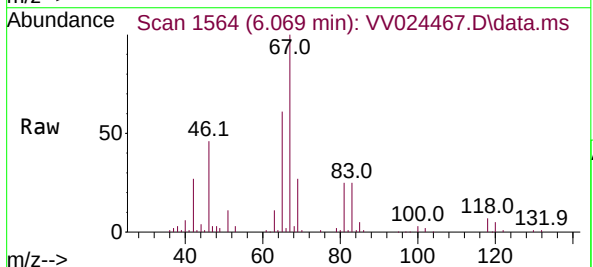
Acq: 27 Jan 2022 21:38

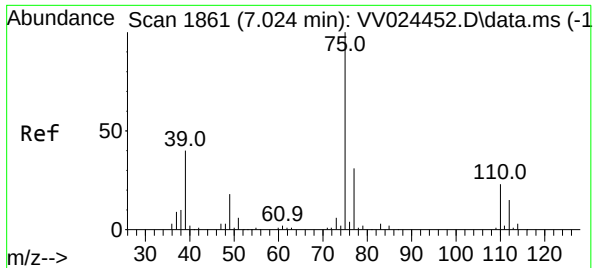
Tgt Ion: 63 Resp: 8263

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.138 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024467.D

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Instrument :

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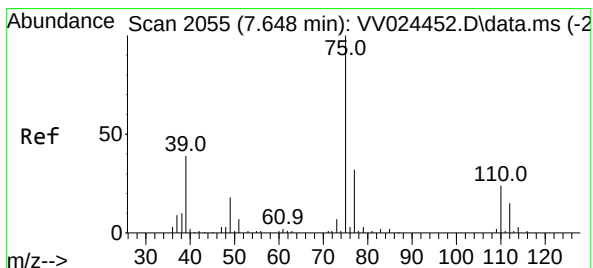
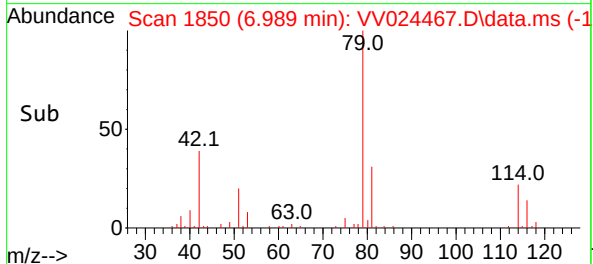
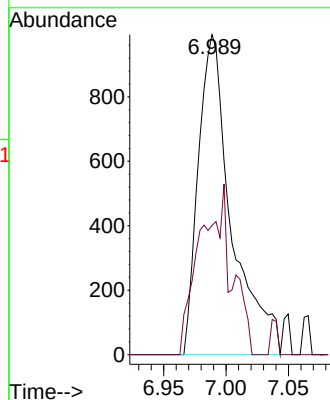
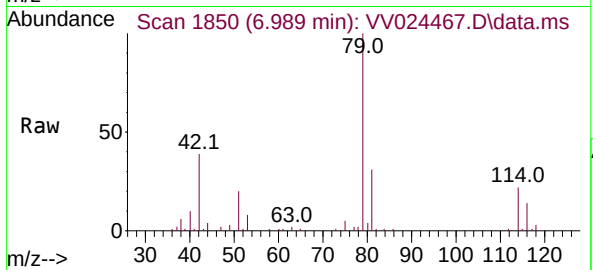
ClientSampleId :

Tgt Ion: 75 Resp: 1835

Ion Ratio Lower Upper

75 100

77 40.4 22.0 41.0



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV024467.D

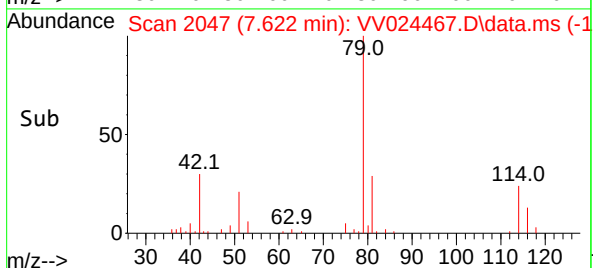
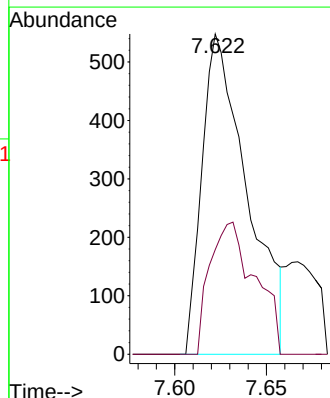
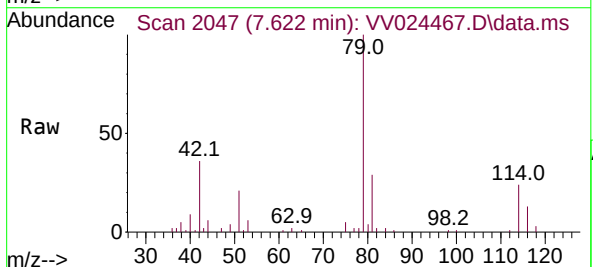
Acq: 27 Jan 2022 21:38

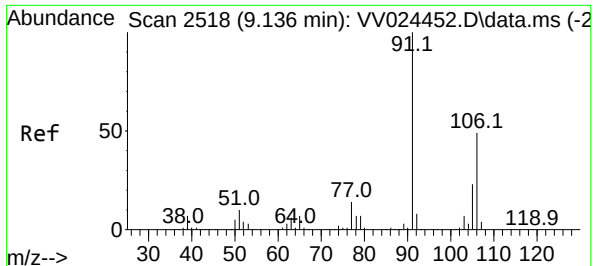
Tgt Ion: 75 Resp: 938

Ion Ratio Lower Upper

75 100

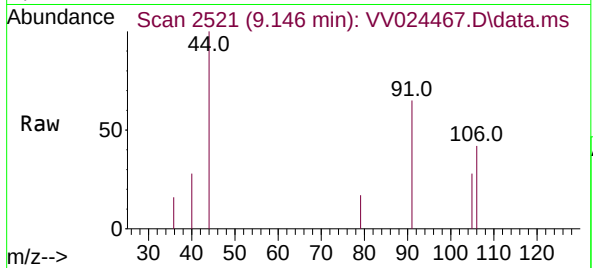
77 32.7 21.8 40.4



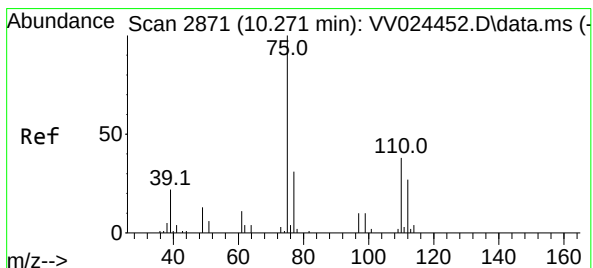
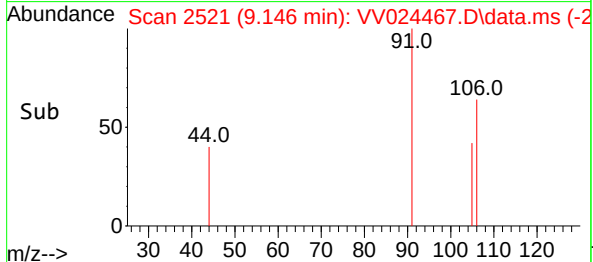
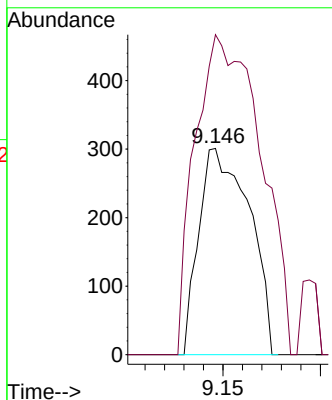


#53
m,p-xylene
Concen: 0.032 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV024467.D
Acq: 27 Jan 2022 21:38

Instrument :
MSVOA_V
ClientSampleId :

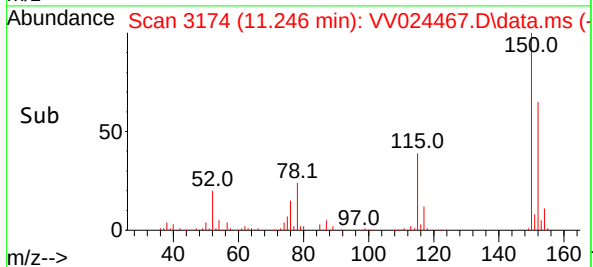
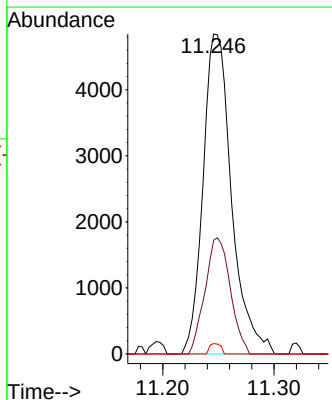
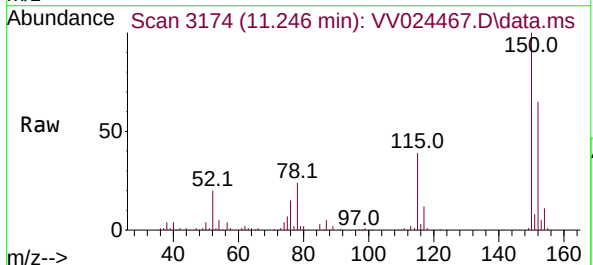


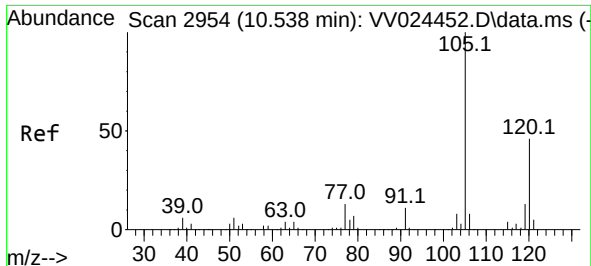
Tgt Ion:106 Resp: 542
Ion Ratio Lower Upper
106 100
91 155.1 139.5 259.1



#61
1,2,3-Trichloropropane
Concen: 1.891 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024467.D
Acq: 27 Jan 2022 21:38

Tgt Ion: 75 Resp: 8611
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 1.3 34.2 51.2#





#62

1,3,5-Trimethylbenzene

Concen: 0.034 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.380 min

Lab File: VV024467.D

Acq: 27 Jan 2022 21:38

Instrument :

MSVOA_V

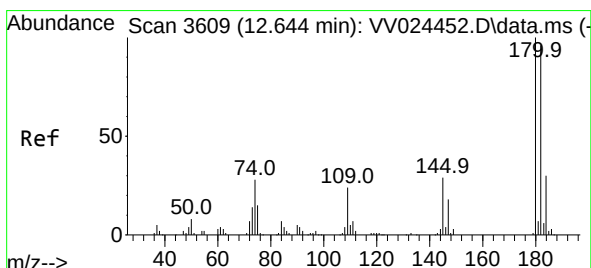
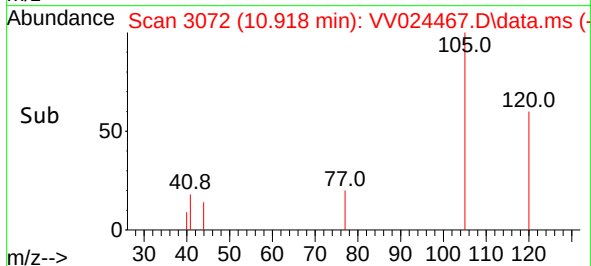
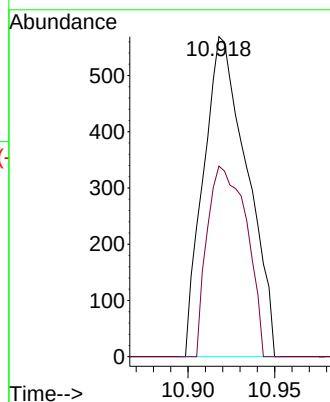
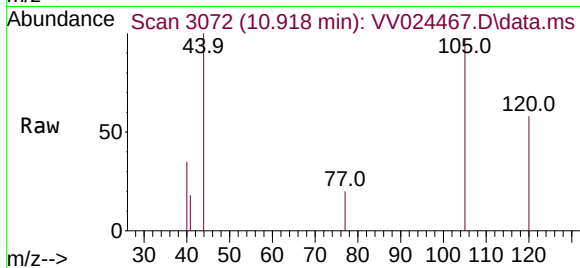
ClientSampleId :

Tgt Ion:105 Resp: 994

Ion Ratio Lower Upper

105 100

120 53.6 40.1 60.1



#69

1,3,5-Trichlorobenzene

Concen: 0.081 ug/L

RT: 12.651 min Scan# 3611

Delta R.T. 0.007 min

Lab File: VV024467.D

Acq: 27 Jan 2022 21:38

Tgt Ion:180 Resp: 1194

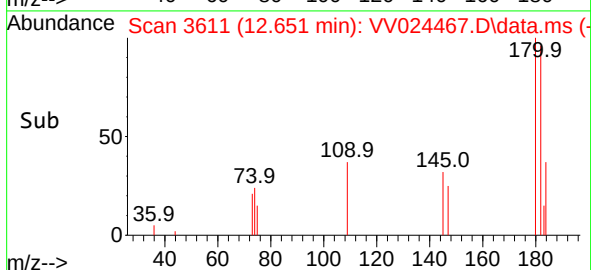
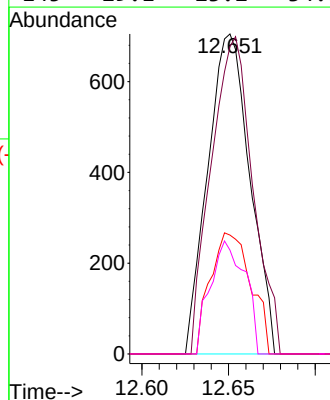
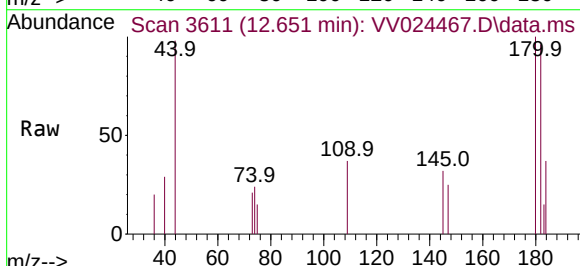
Ion Ratio Lower Upper

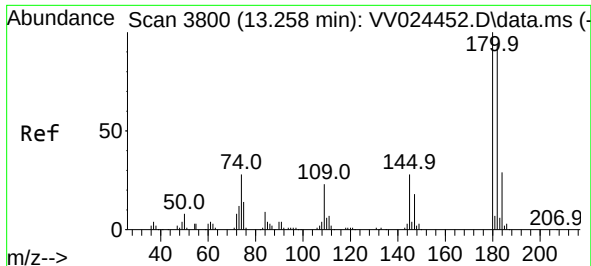
180 100

182 97.9 76.4 114.6

184 36.4 24.2 36.4#

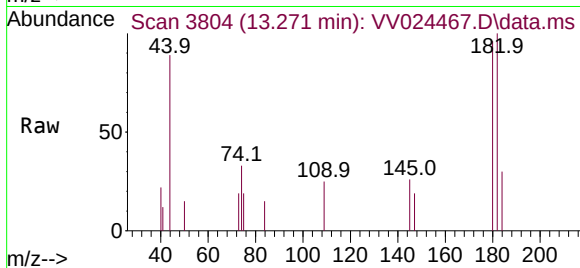
145 29.1 23.2 34.8



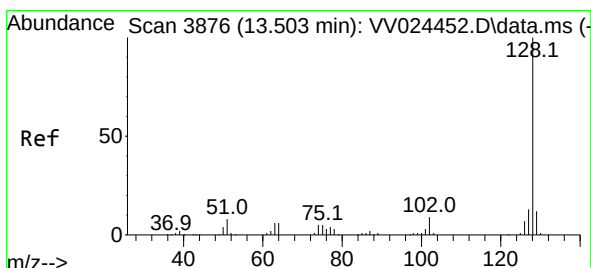
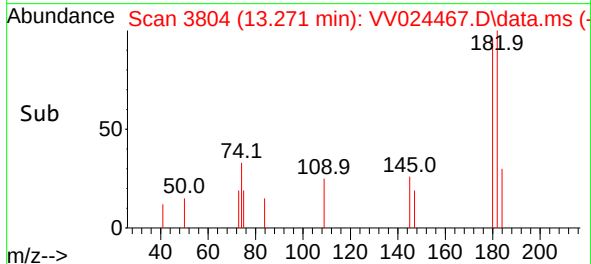
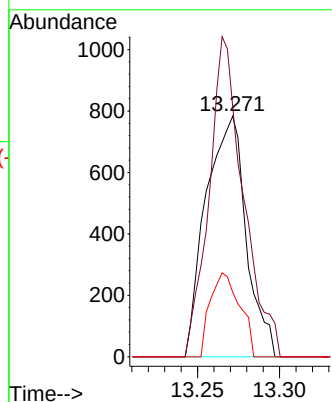


#70
1,2,4-trichlorobenzene
Concen: 0.118 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.013 min
Lab File: VV024467.D
Acq: 27 Jan 2022 21:38

Instrument :
MSVOA_V
ClientSampleId :

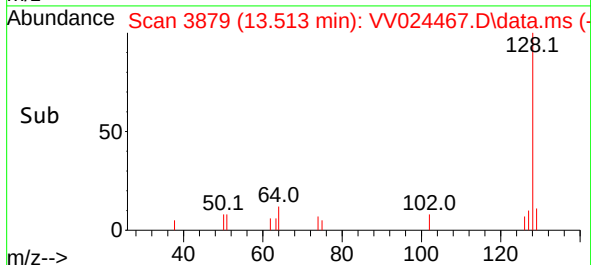
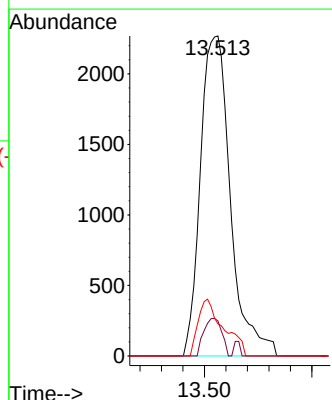
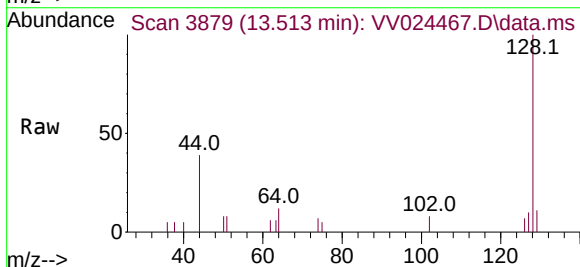


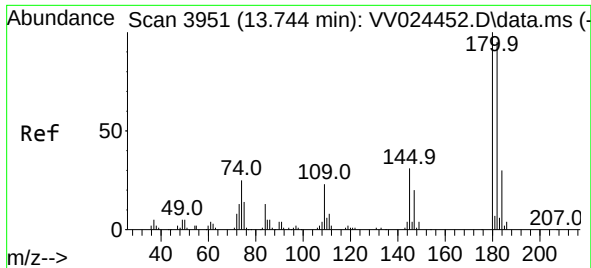
Tgt Ion:180 Resp: 1330
Ion Ratio Lower Upper
180 100
182 113.5 74.4 111.6#
145 25.6 23.3 34.9



#71
Naphthalene
Concen: 0.311 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV024467.D
Acq: 27 Jan 2022 21:38

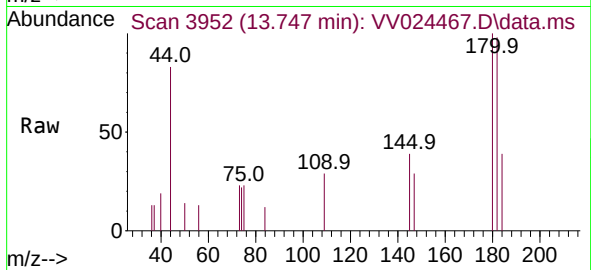
Tgt Ion:128 Resp: 4402
Ion Ratio Lower Upper
128 100
129 7.0 9.0 13.4#
127 14.9 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.153 ug/L
 RT: 13.747 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV024467.D
 Acq: 27 Jan 2022 21:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1469
Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.8	115.2
145	37.9	25.8	38.6

