

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026443.D
 Acq On : 20 Jun 2022 14:05
 Operator : SY/MD
 Sample : N3355-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 02:34:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	184771	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	162534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	76374	4.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.584	69	67664	5.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.124	63	106796	3.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.931	46	95057	60.702	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.400%
24) Chloroform-d	4.365	84	143370	6.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%
26) 1,2-Dichloroethane-d4	5.047	65	57887	5.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.400%
32) Benzene-d6	5.060	84	292905	6.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.800%#
36) 1,2-Dichloropropane-d6	6.076	67	84613	6.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	133.400%
41) Toluene-d8	7.320	98	233863	5.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
43) trans-1,3-Dichloroprop...	7.629	79	16015	3.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.095	63	72716	58.536	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49474	6.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.600%#
66) 1,2-Dichlorobenzene-d4	11.625	152	70507	6.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	3611	0.235	ug/L	85
6) Bromomethane	1.545	94	621	0.070	ug/L	85
8) Chloroethane	1.545	64	53133	5.366	ug/L #	50
13) Acetone	2.224	43	16366	13.486	ug/L	82
14) Carbon disulfide	2.314	76	2937	0.102	ug/L #	90
15) Methyl Acetate	2.224	43	16239	5.577	ug/L #	48
21) 2-Butanone	4.021	43	8716	5.551	ug/L	76
27) 1,2-Dichloroethane	5.063	62	1492	0.140	ug/L #	71
35) Methylcyclohexane	6.079	83	20457	1.300	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8453	0.776	ug/L #	88
39) cis-1,3-Dichloropropene	6.998	75	1214	0.098	ug/L #	77
47) Tetrachloroethene	7.979	164	11316	1.343	ug/L	94
49) Dibromochloromethane	7.979	129	10630	1.342	ug/L #	9
53) m,p-Xylene	9.146	106	1084	0.063	ug/L	87
60) Isopropylbenzene	10.455	105	1893	0.053	ug/L #	68
61) 1,2,3-Trichloropropane	11.246	75	7450	1.727	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.918	105	1911	0.069	ug/L	90

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 21 02:31:12 2022
Response via : Initial Calibration

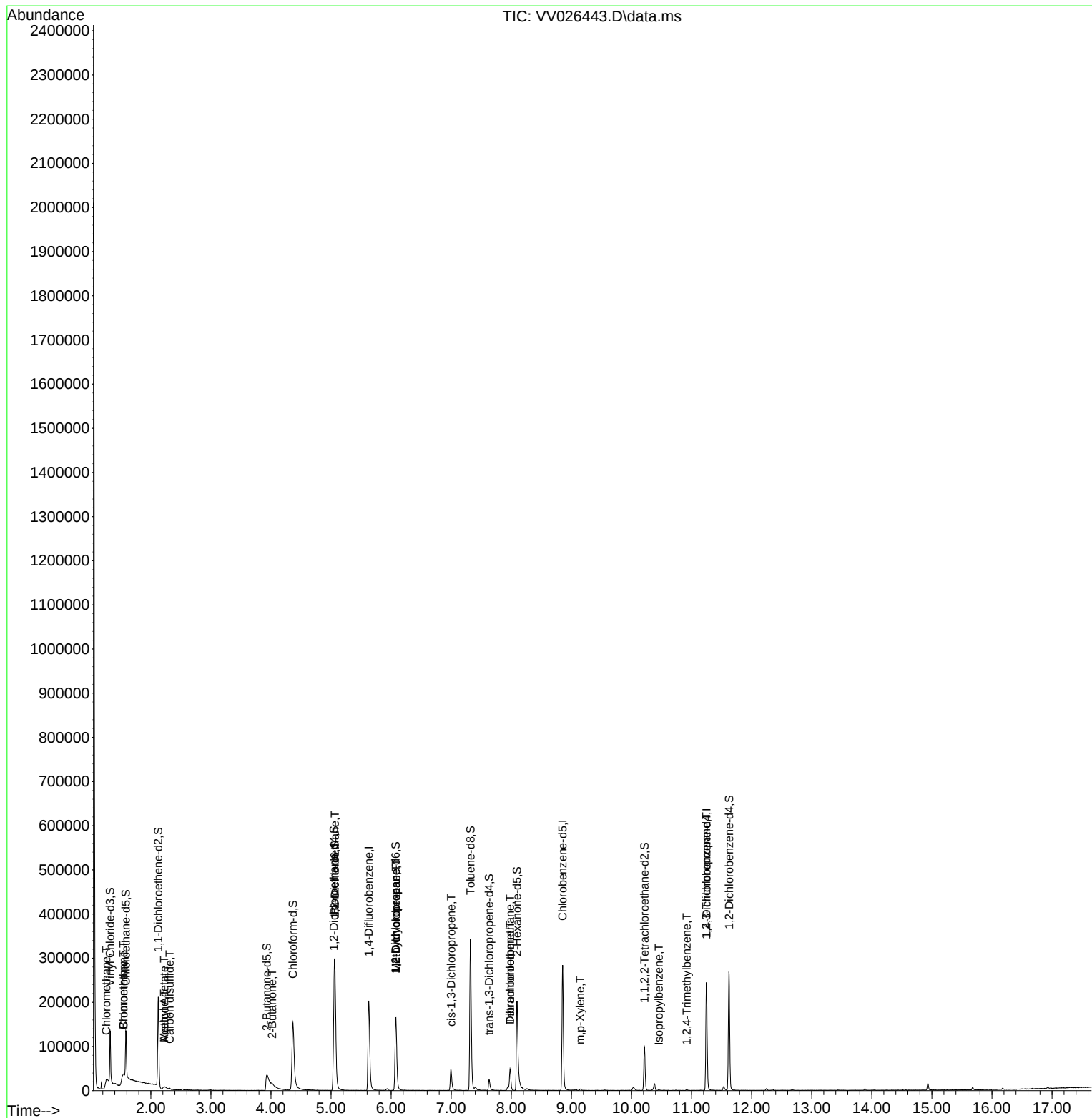
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

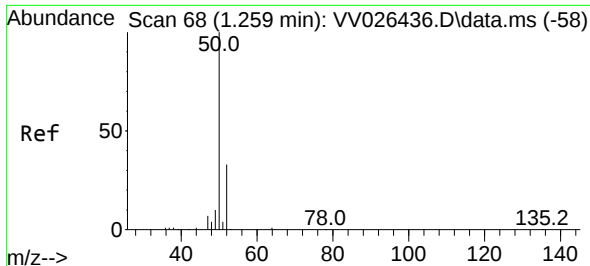
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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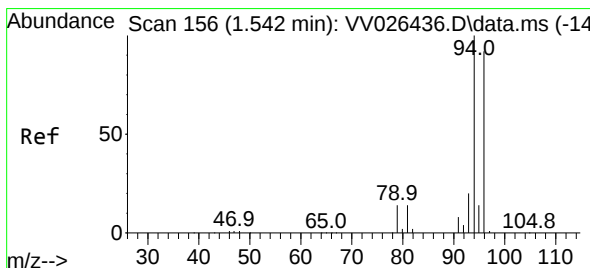
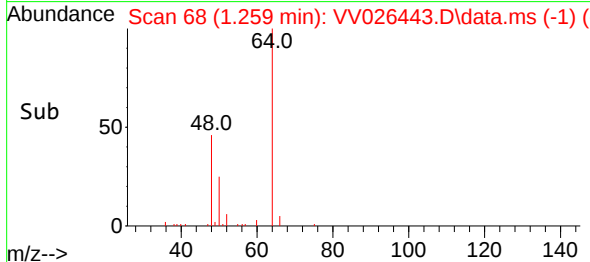
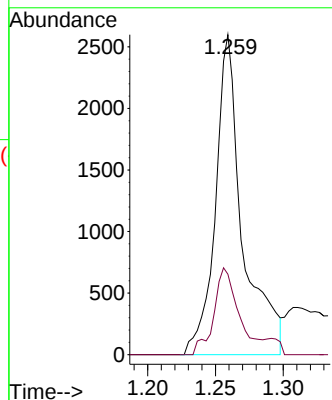
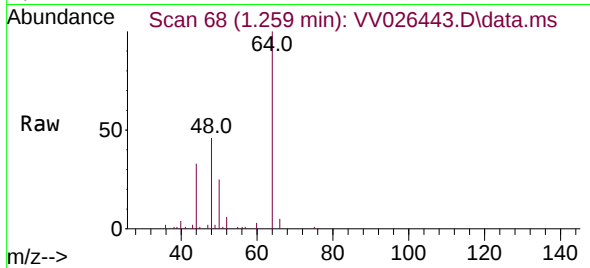




#3
Chloromethane
Concen: 0.235 ug/L
RT: 1.259 min Scan# 68
Delta R.T. 0.000 min
Lab File: VV026443.D
Acq: 20 Jun 2022 14:05

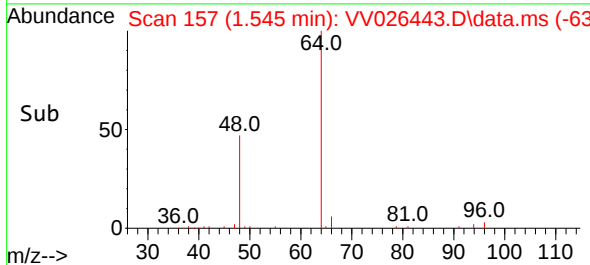
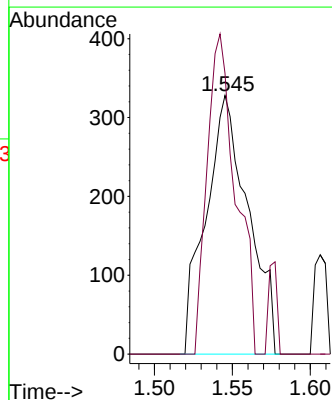
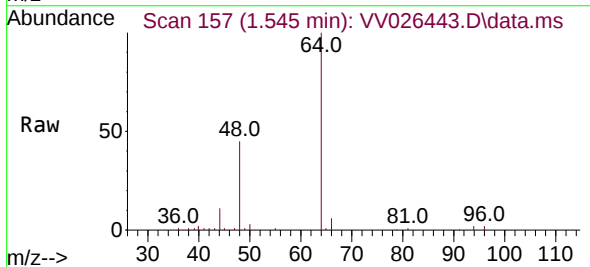
Instrument :
MSVOA_V
ClientSampleId :

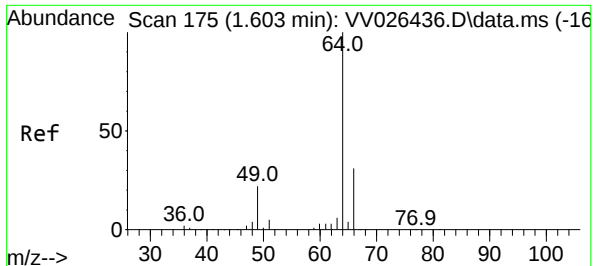
Tgt Ion: 50 Resp: 3611
Ion Ratio Lower Upper
50 100
52 25.2 23.7 44.1



#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV026443.D
Acq: 20 Jun 2022 14:05

Tgt Ion: 94 Resp: 621
Ion Ratio Lower Upper
94 100
96 108.5 65.7 121.9

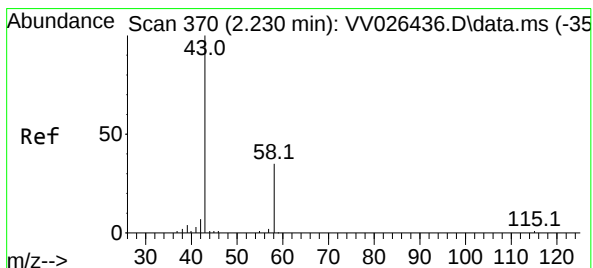
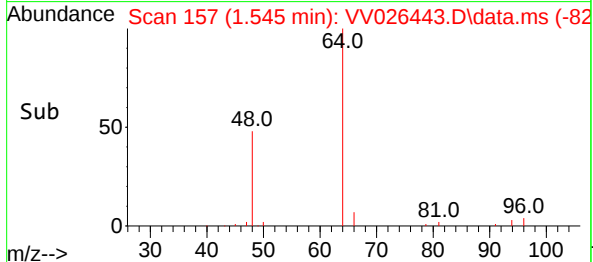
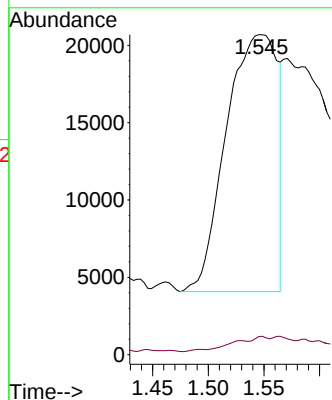
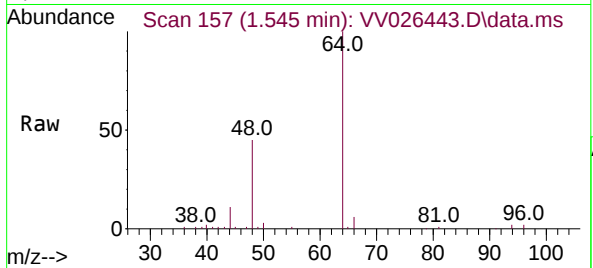




#8
Chloroethane
Concen: 5.366 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV026443.D
Acq: 20 Jun 2022 14:05

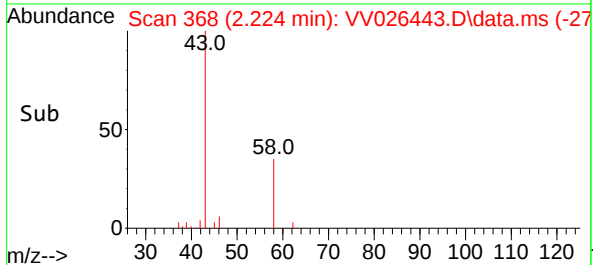
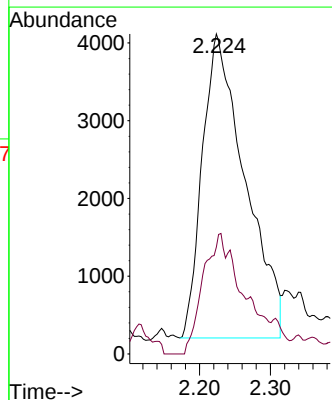
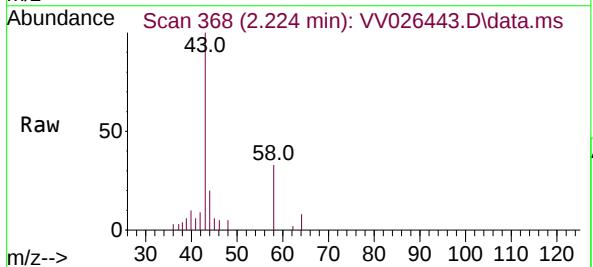
Instrument :
MSVOA_V
ClientSampleId :

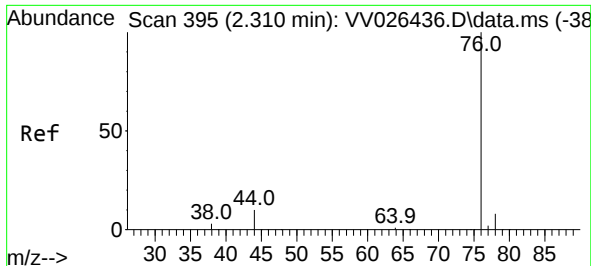
Tgt Ion: 64 Resp: 53133
Ion Ratio Lower Upper
64 100
66 5.6 24.1 44.7#



#13
Acetone
Concen: 13.486 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.006 min
Lab File: VV026443.D
Acq: 20 Jun 2022 14:05

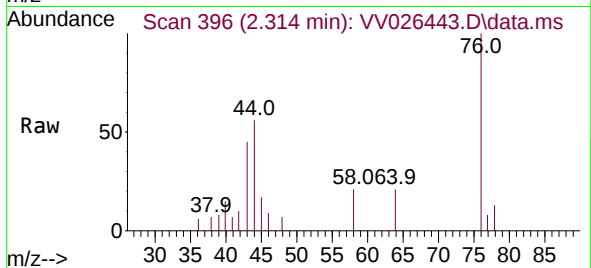
Tgt Ion: 43 Resp: 16366
Ion Ratio Lower Upper
43 100
58 20.1 0.0 60.0



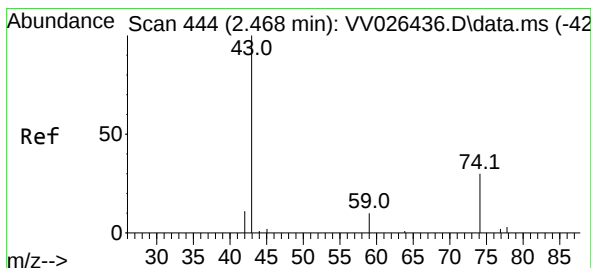
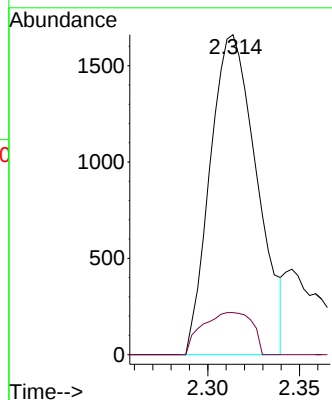
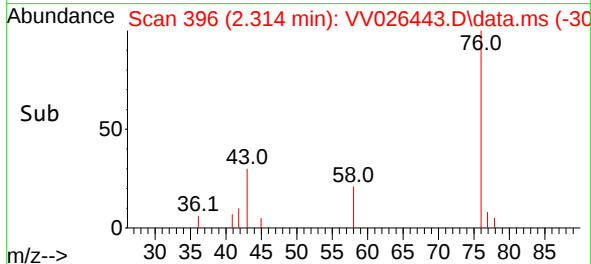


#14
Carbon disulfide
Concen: 0.102 ug/L
RT: 2.314 min Scan# 395
Delta R.T. 0.003 min
Lab File: VV026443.D
Acq: 20 Jun 2022 14:05

Instrument :
MSVOA_V
ClientSampleId :

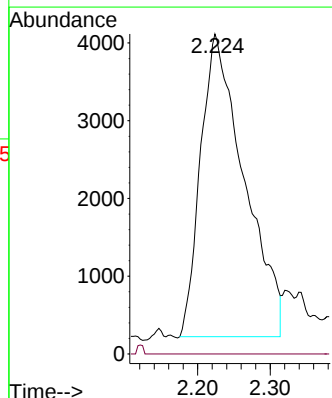
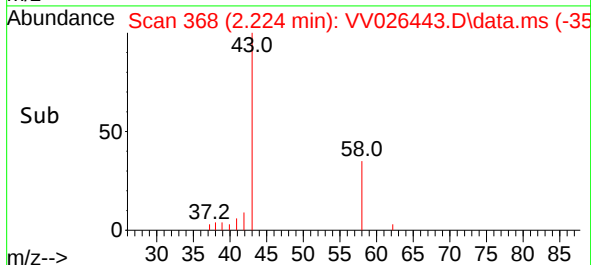
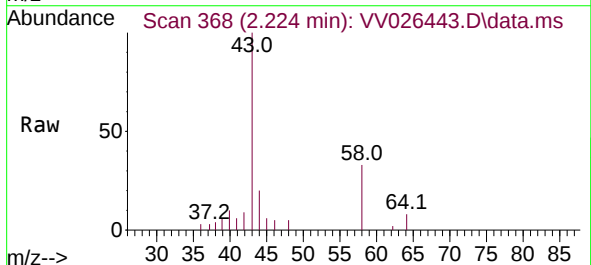


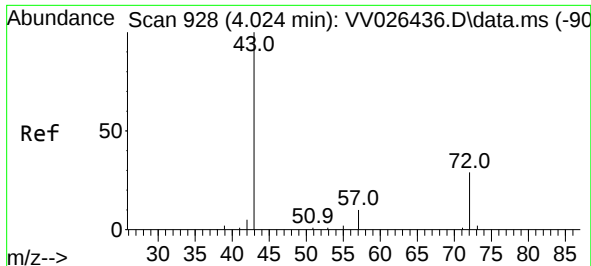
Tgt Ion: 76 Resp: 2937
Ion Ratio Lower Upper
76 100
78 13.1 7.7 11.5#



#15
Methyl Acetate
Concen: 5.577 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.244 min
Lab File: VV026443.D
Acq: 20 Jun 2022 14:05

Tgt Ion: 43 Resp: 16239
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#





#21

2-Butanone

Concen: 5.551 ug/L

RT: 4.021 min Scan# 91

Delta R.T. -0.003 min

Lab File: VV026443.D

Acq: 20 Jun 2022 14:05

Instrument :

MSVOA_V

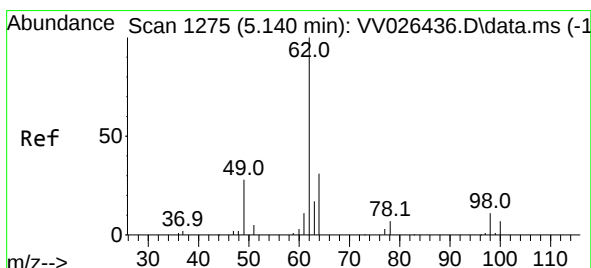
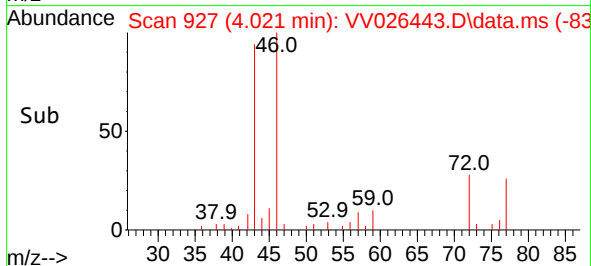
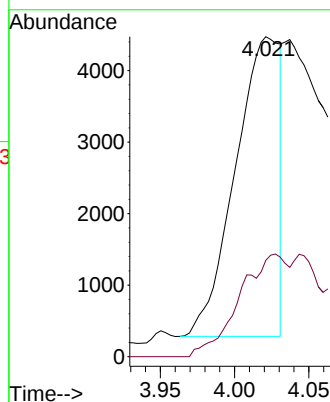
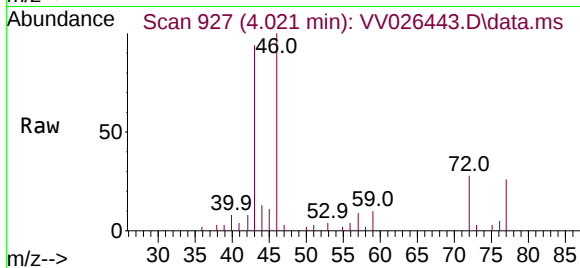
ClientSampleId :

Tgt Ion: 43 Resp: 8716

Ion Ratio Lower Upper

43 100

72 37.5 12.7 38.0



#27

1,2-Dichloroethane

Concen: 0.140 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. -0.077 min

Lab File: VV026443.D

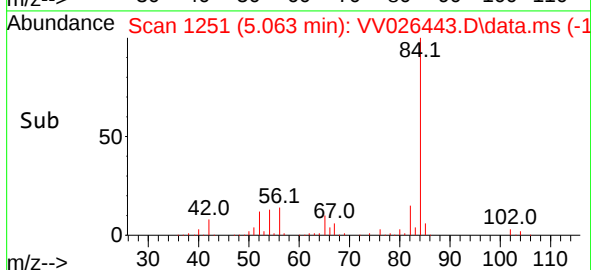
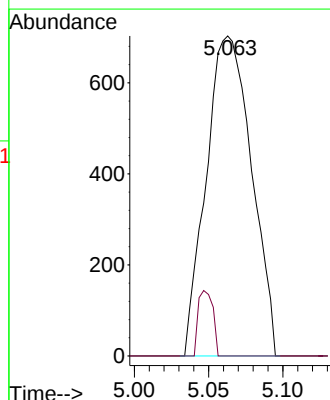
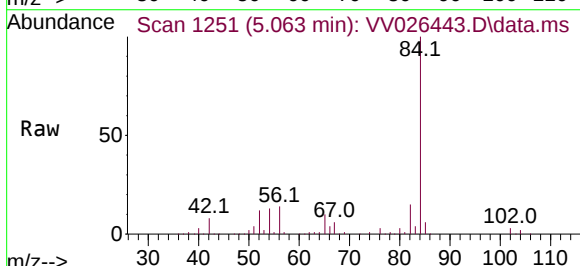
Acq: 20 Jun 2022 14:05

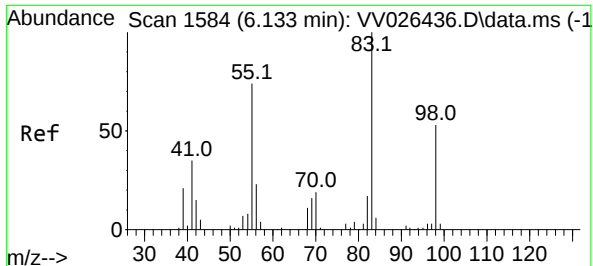
Tgt Ion: 62 Resp: 1492

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#





#35

Methylcyclohexane

Concen: 1.300 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026443.D

Acq: 20 Jun 2022 14:05

Instrument :

MSVOA_V

ClientSampleId :

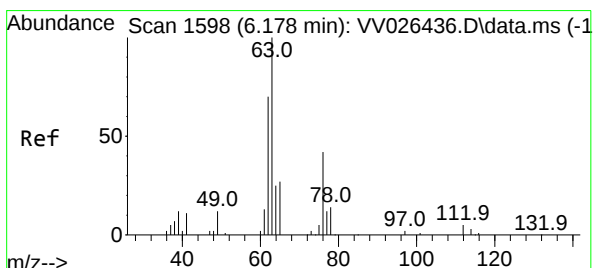
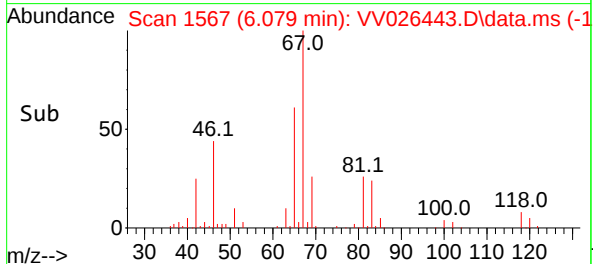
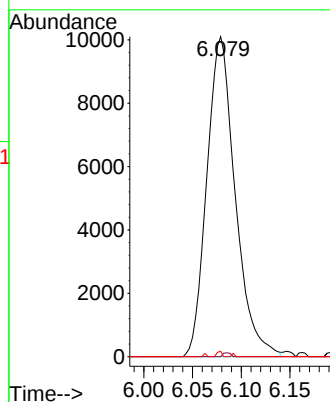
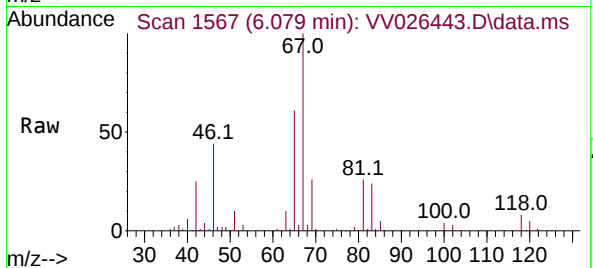
Tgt Ion: 83 Resp: 20457

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.3 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.776 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.100 min

Lab File: VV026443.D

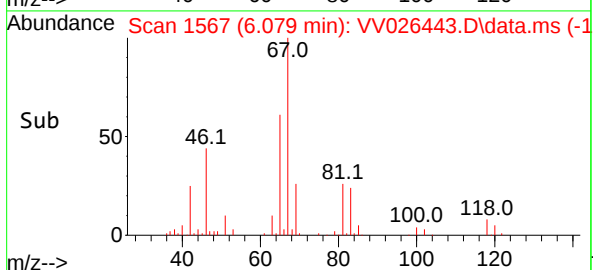
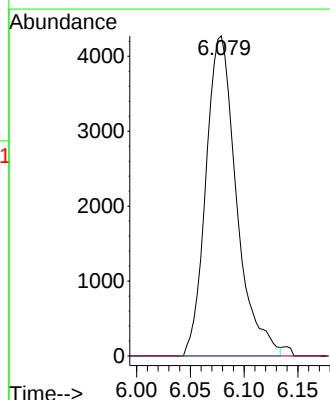
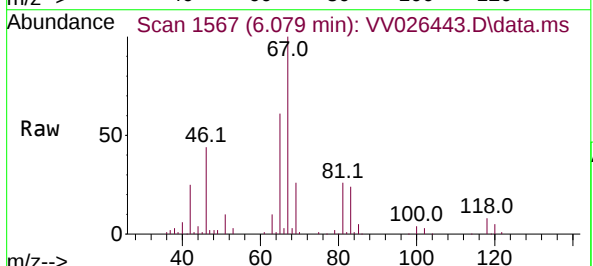
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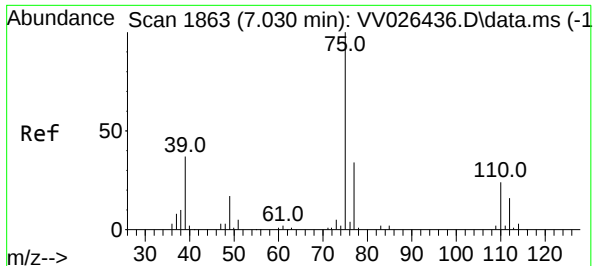
Tgt Ion: 63 Resp: 8453

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV026443.D

Acq: 20 Jun 2022 14:05

Instrument :

MSVOA_V

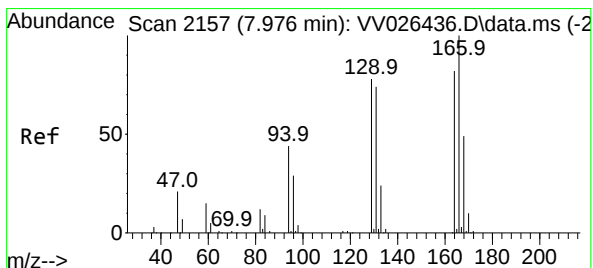
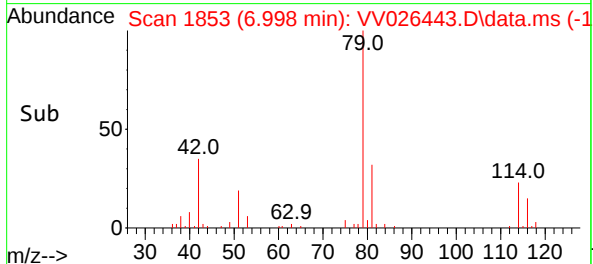
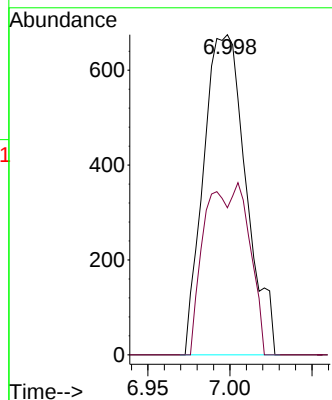
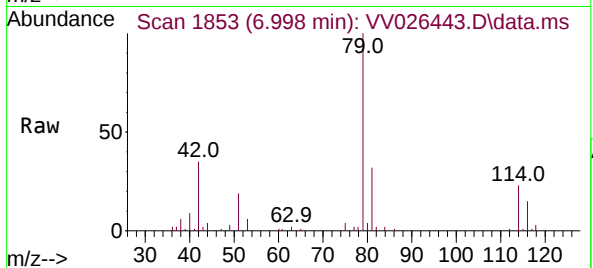
ClientSampleId :

Tgt Ion: 75 Resp: 1214

Ion Ratio Lower Upper

75 100

77 45.9 23.0 42.6#



#47

Tetrachloroethene

Concen: 1.343 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026443.D

Acq: 20 Jun 2022 14:05

Tgt Ion: 164 Resp: 11316

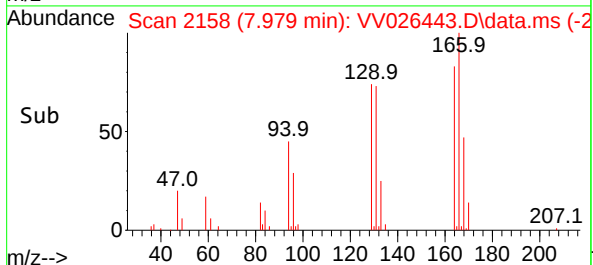
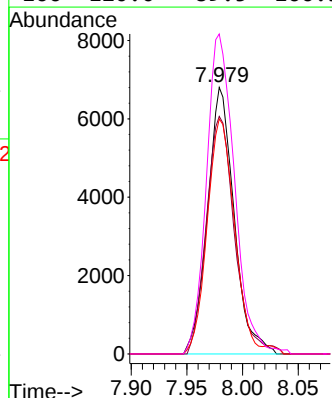
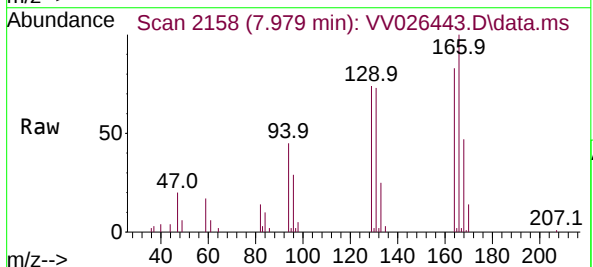
Ion Ratio Lower Upper

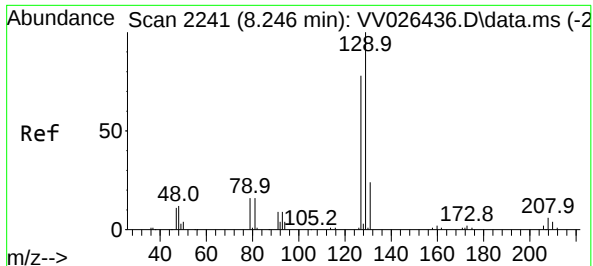
164 100

129 89.1 67.5 125.3

131 88.2 63.8 118.4

166 120.0 89.5 166.3





#49

Dibromochloromethane

Concen: 1.342 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026443.D

Acq: 20 Jun 2022 14:05

Instrument :

MSVOA_V

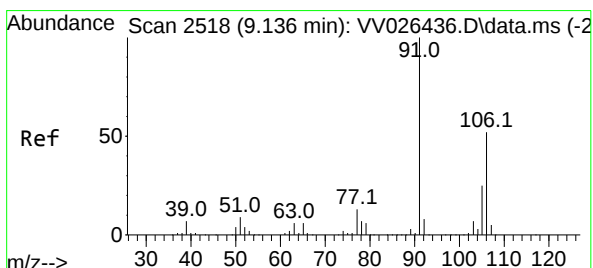
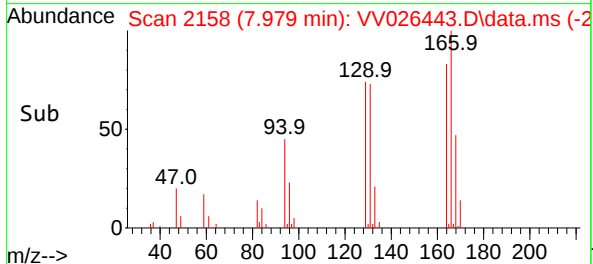
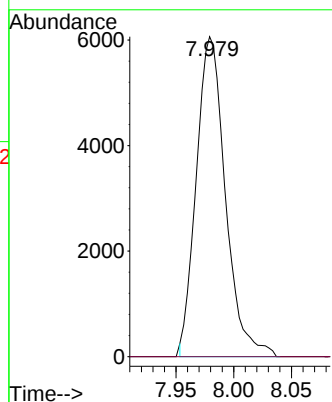
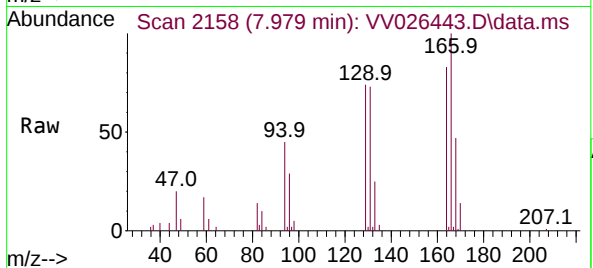
ClientSampleId :

Tgt Ion:129 Resp: 10630

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#53

m,p-Xylene

Concen: 0.063 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026443.D

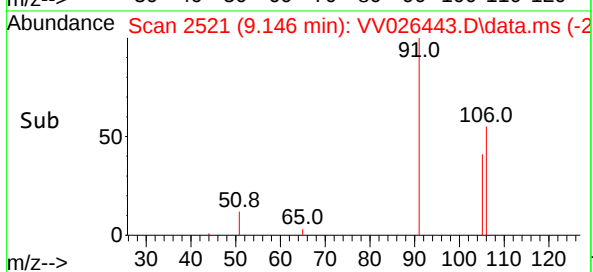
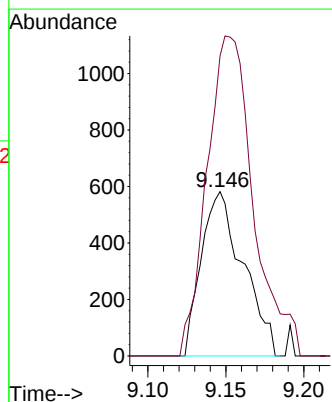
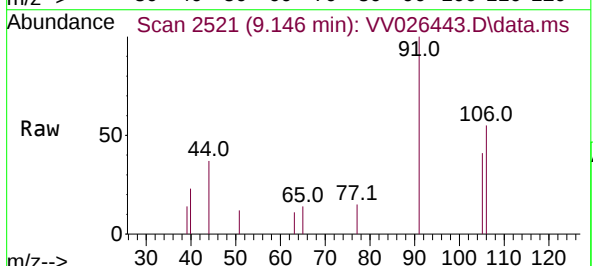
Acq: 20 Jun 2022 14:05

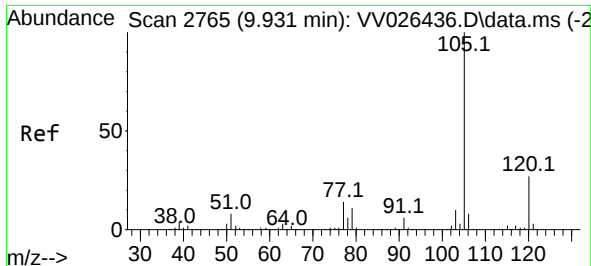
Tgt Ion:106 Resp: 1084

Ion Ratio Lower Upper

106 100

91 182.5 141.3 262.3

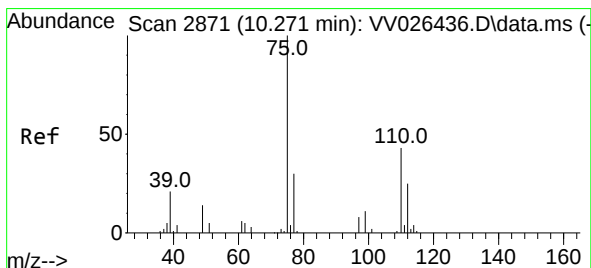
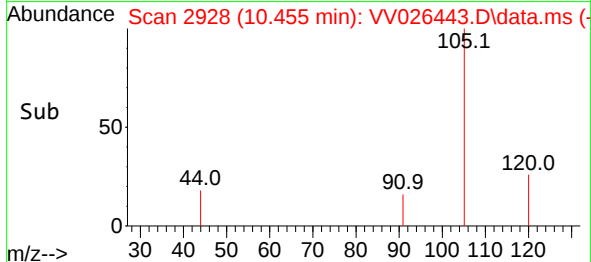
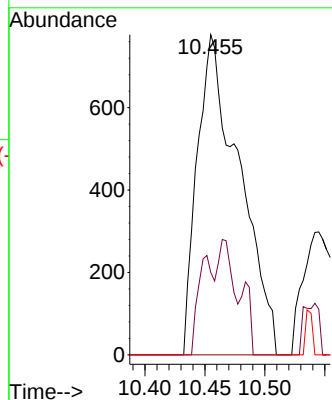
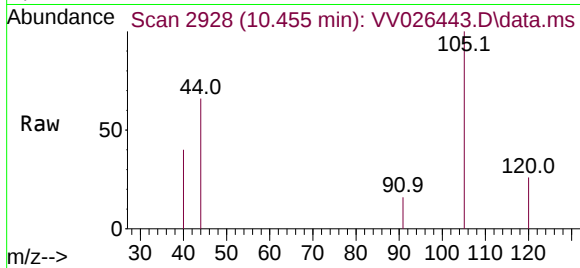




#60
Isopropylbenzene
Concen: 0.053 ug/L
RT: 10.455 min Scan# 2928
Delta R.T. 0.524 min
Lab File: VV026443.D
Acq: 20 Jun 2022 14:05

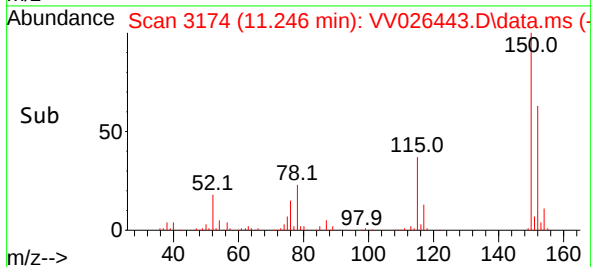
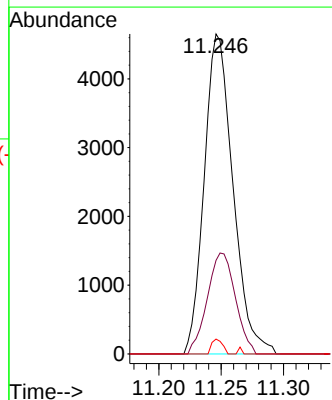
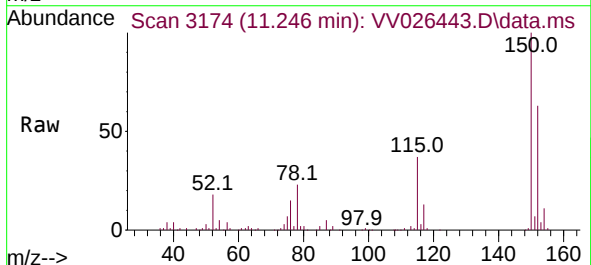
Instrument :
MSVOA_V
ClientSampleId :

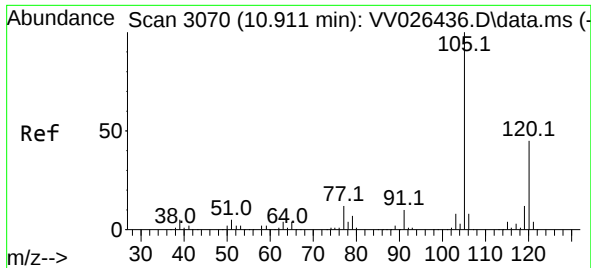
Tgt Ion:105 Resp: 1893
Ion Ratio Lower Upper
105 100
120 11.6 21.5 32.3#
77 0.0 12.2 18.4#



#61
1,2,3-Trichloropropane
Concen: 1.727 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026443.D
Acq: 20 Jun 2022 14:05

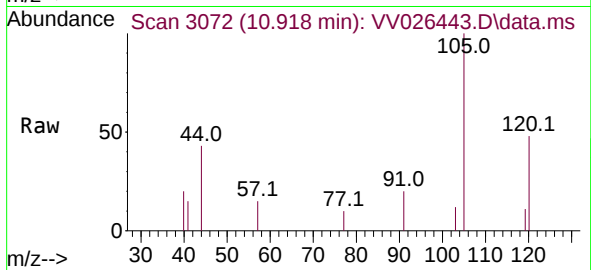
Tgt Ion: 75 Resp: 7450
Ion Ratio Lower Upper
75 100
77 30.8 26.9 40.3
110 1.7 30.7 46.1#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.069 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.007 min
 Lab File: VV026443.D
 Acq: 20 Jun 2022 14:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 1911
 Ion Ratio Lower Upper
 105 100
 120 39.5 36.9 55.3

