

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026447.D
 Acq On : 20 Jun 2022 15:41
 Operator : SY/MD
 Sample : N3355-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 02:35:04 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	186895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	172037	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	80398	4.953	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.584	69	69360	5.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.124	63	116881	4.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.928	46	86208	54.425	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.860%
24) Chloroform-d	4.365	84	147749	6.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.200%
26) 1,2-Dichloroethane-d4	5.047	65	60035	5.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.200%
32) Benzene-d6	5.063	84	300369	6.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	130.600%#
36) 1,2-Dichloropropane-d6	6.075	67	90450	6.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	134.800%
41) Toluene-d8	7.320	98	259789	6.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.800%
43) trans-1,3-Dichloroprop...	7.628	79	16417	3.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.091	63	69873	53.140	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50423	6.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.000%#
66) 1,2-Dichlorobenzene-d4	11.622	152	76057	6.980	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	139.600%#
Target Compounds						Qvalue
3) Chloromethane	1.259	50	2971	0.191	ug/L #	80
6) Bromomethane	1.542	94	484	0.054	ug/L	96
8) Chloroethane	1.564	64	42502	4.244	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	1156	0.090	ug/L #	21
12) 1,1-Dichloroethene	2.127	96	1121	0.095	ug/L #	1
14) Carbon disulfide	2.314	76	1902	0.065	ug/L #	79
22) cis-1,2-Dichloroethene	3.944	96	351	0.030	ug/L	95
25) Chloroform	4.381	83	1695	0.072	ug/L #	39
29) 1,1,1-Trichloroethane	4.622	97	22455	1.181	ug/L	98
34) Trichloroethene	5.918	95	695139	57.728	ug/L	98
35) Methylcyclohexane	6.075	83	21446	1.288	ug/L #	18
37) 1,2-Dichloropropane	6.075	63	9246	0.801	ug/L #	89
39) cis-1,3-Dichloropropene	6.992	75	1411	0.107	ug/L	99
53) m,p-Xylene	9.146	106	1462	0.081	ug/L	96
60) Isopropylbenzene	10.455	105	2547	0.068	ug/L #	92
61) 1,2,3-Trichloropropane	11.249	75	8092	1.763	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.918	105	2732	0.091	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	2732	0.092	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 21 02:31:12 2022
Response via : Initial Calibration

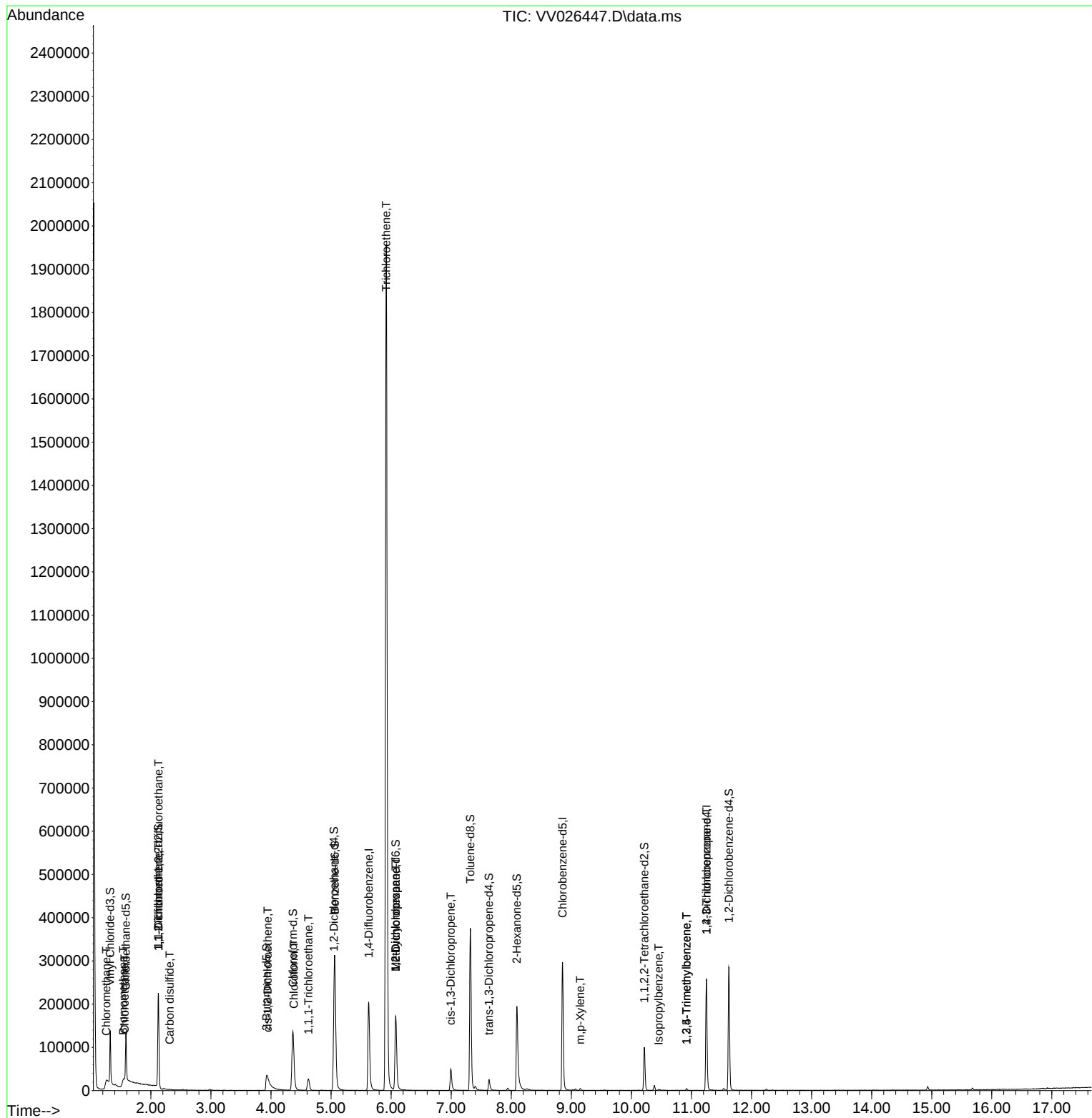
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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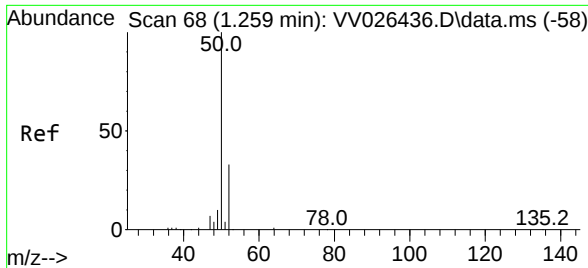
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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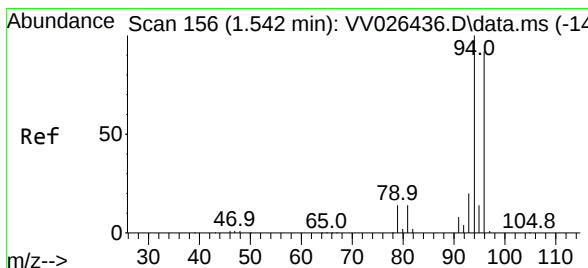
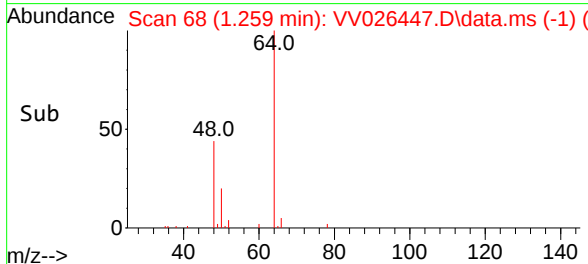
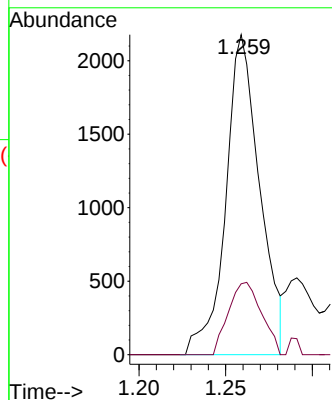
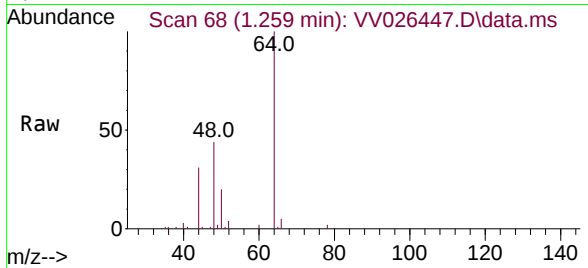




#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.259 min Scan# 68
Delta R.T. 0.000 min
Lab File: VV026447.D
Acq: 20 Jun 2022 15:41

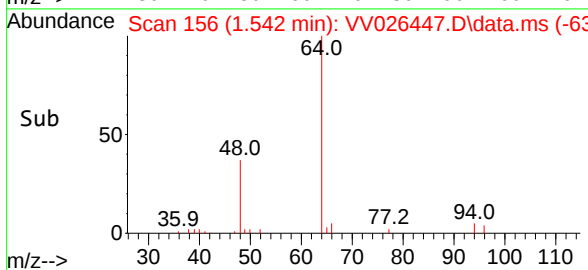
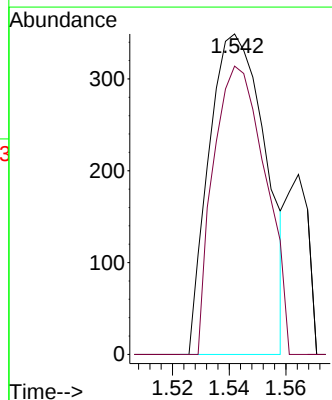
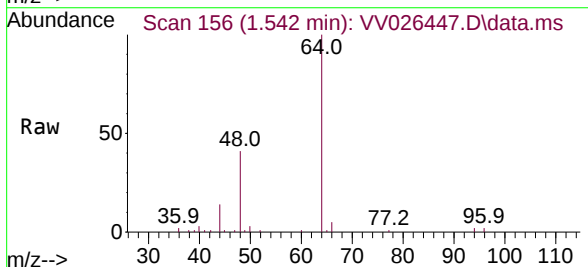
Instrument :
MSVOA_V
ClientSampleId :

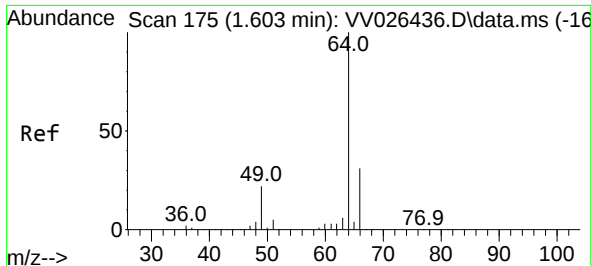
Tgt Ion: 50 Resp: 2971
Ion Ratio Lower Upper
50 100
52 22.2 23.7 44.1#



#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV026447.D
Acq: 20 Jun 2022 15:41

Tgt Ion: 94 Resp: 484
Ion Ratio Lower Upper
94 100
96 90.0 65.7 121.9

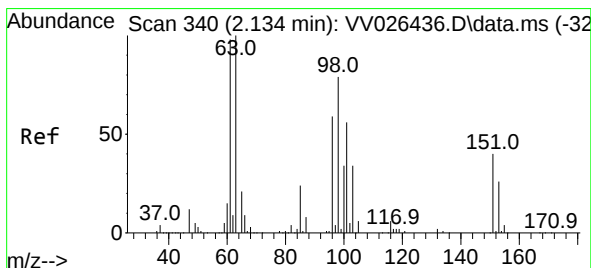
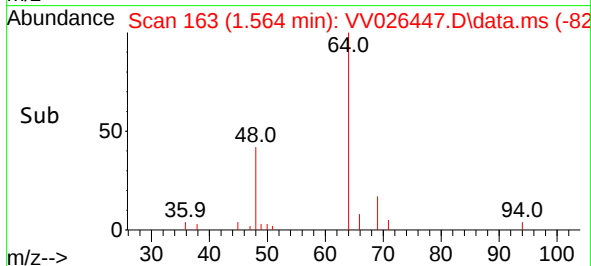
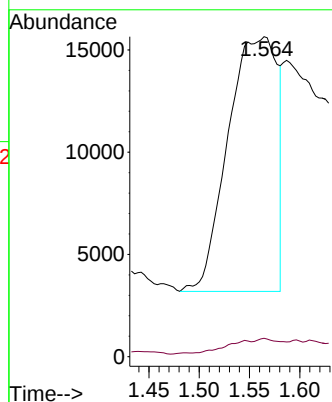
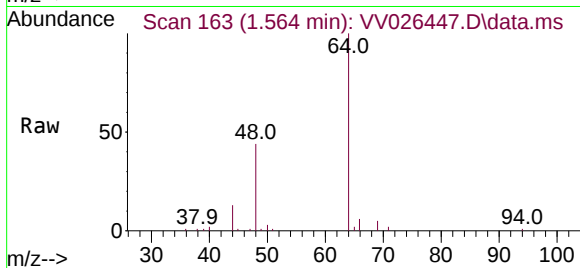




#8
Chloroethane
Concen: 4.244 ug/L
RT: 1.564 min Scan# 1
Delta R.T. -0.039 min
Lab File: VV026447.D
Acq: 20 Jun 2022 15:41

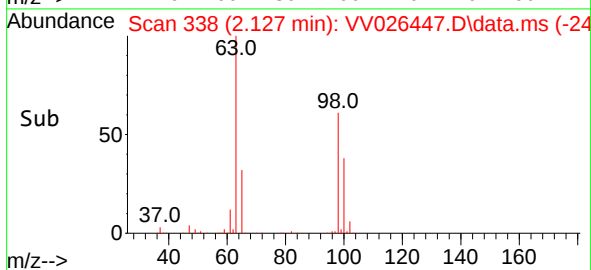
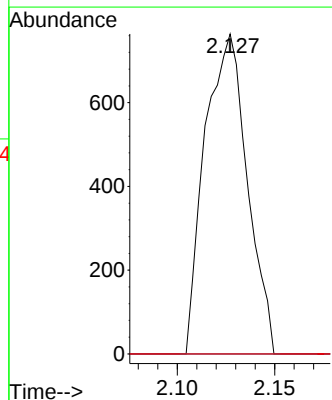
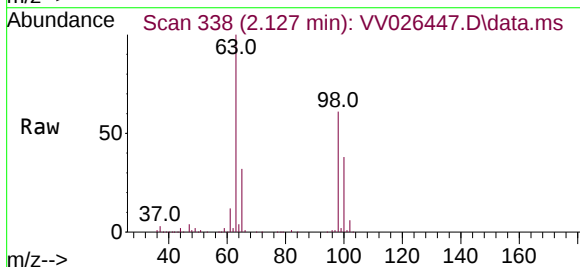
Instrument :
MSVOA_V
ClientSampleId :

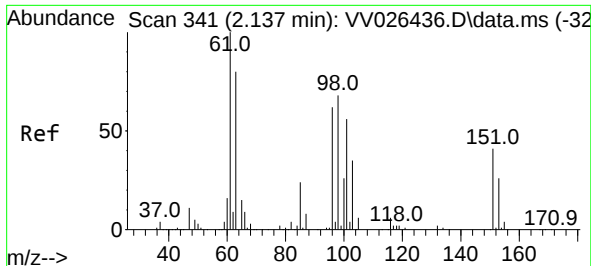
Tgt Ion: 64 Resp: 42502
Ion Ratio Lower Upper
64 100
66 5.7 24.1 44.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.006 min
Lab File: VV026447.D
Acq: 20 Jun 2022 15:41

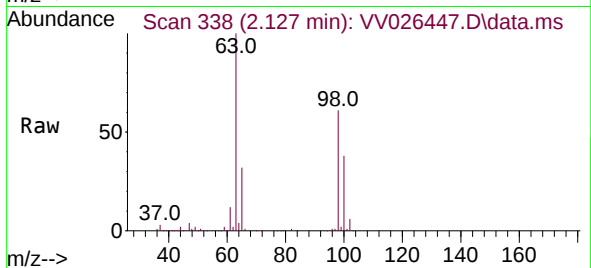
Tgt Ion:101 Resp: 1156
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.8 85.2#



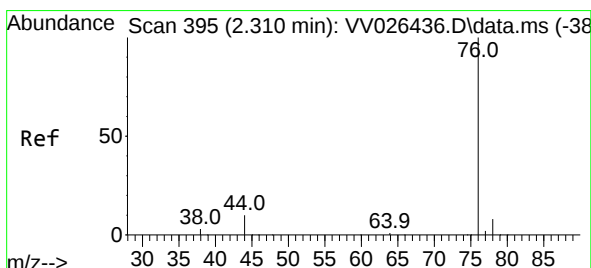
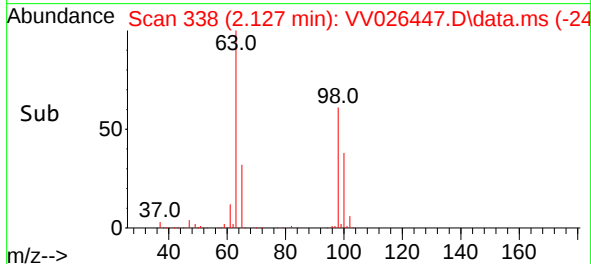
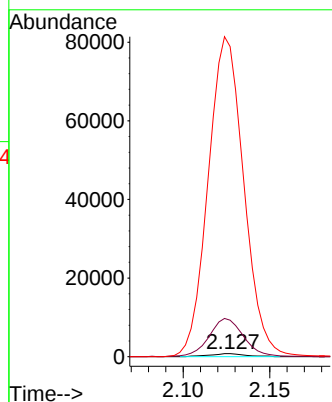


#12
1,1-Dichloroethene
Concen: 0.095 ug/L
RT: 2.127 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV026447.D
Acq: 20 Jun 2022 15:41

Instrument :
MSVOA_V
ClientSampleId :

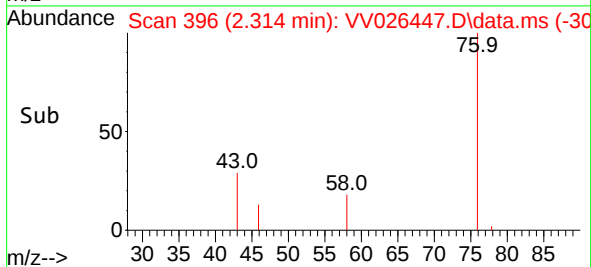
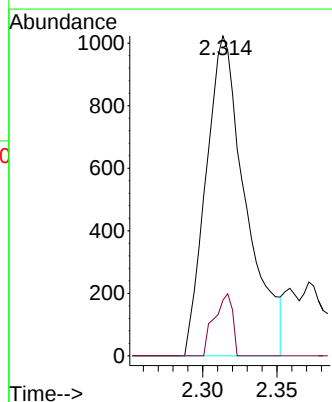
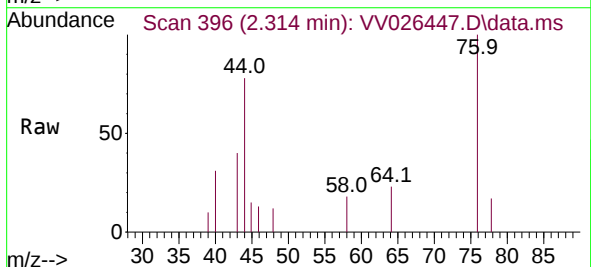


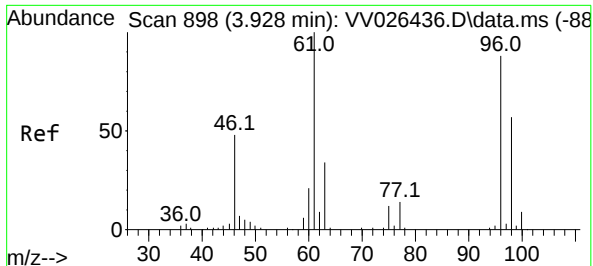
Tgt Ion: 96 Resp: 1121
Ion Ratio Lower Upper
96 100
61 1175.9 117.1 217.5#
63 9972.2 92.8 172.4#



#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.003 min
Lab File: VV026447.D
Acq: 20 Jun 2022 15:41

Tgt Ion: 76 Resp: 1902
Ion Ratio Lower Upper
76 100
78 17.4 7.7 11.5#





#22

cis-1,2-Dichloroethene

Concen: 0.030 ug/L

RT: 3.944 min Scan# 90

Delta R.T. 0.016 min

Lab File: VV026447.D

Acq: 20 Jun 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

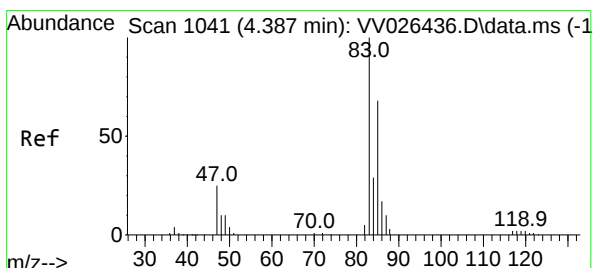
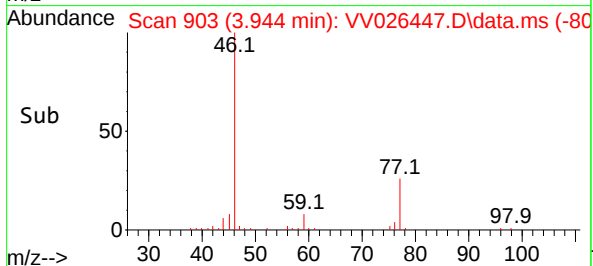
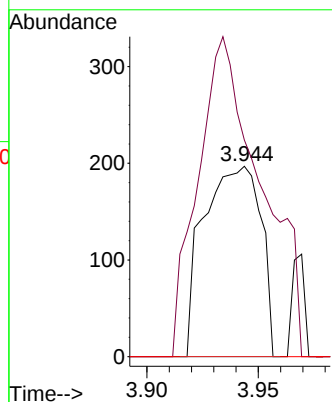
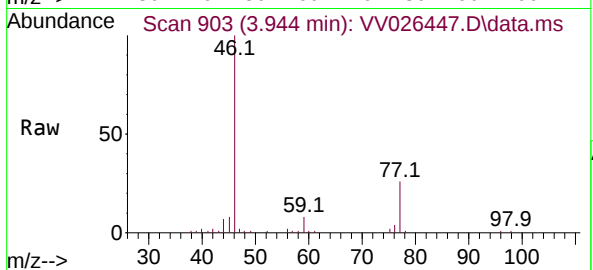
Tgt Ion: 96 Resp: 351

Ion Ratio Lower Upper

96 100

61 113.7 83.6 155.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.072 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VV026447.D

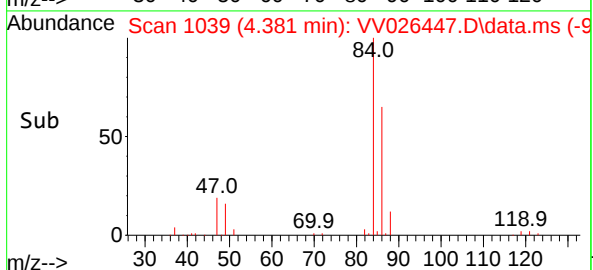
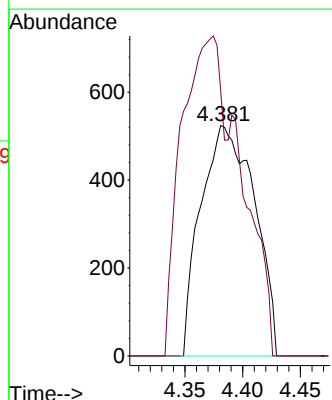
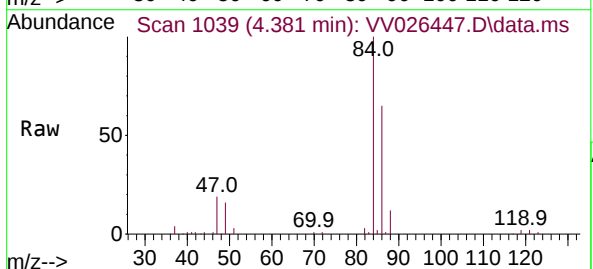
Acq: 20 Jun 2022 15:41

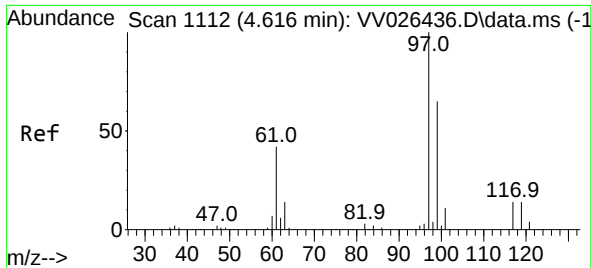
Tgt Ion: 83 Resp: 1695

Ion Ratio Lower Upper

83 100

85 115.3 46.5 86.3#





#29

1,1,1-Trichloroethane

Concen: 1.181 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VV026447.D

Acq: 20 Jun 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

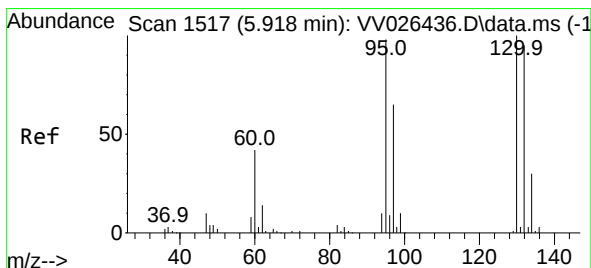
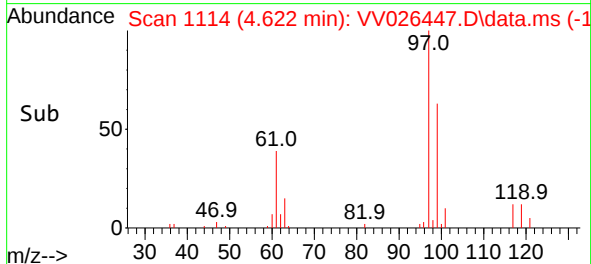
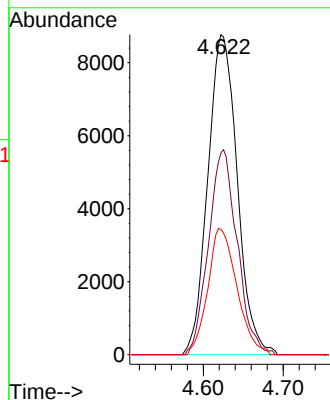
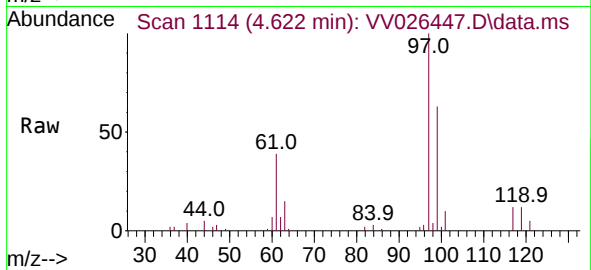
Tgt Ion: 97 Resp: 22455

Ion Ratio Lower Upper

97 100

99 62.4 50.3 75.5

61 39.0 33.4 50.0



#34

Trichloroethene

Concen: 57.728 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV026447.D

Acq: 20 Jun 2022 15:41

Tgt Ion: 95 Resp: 695139

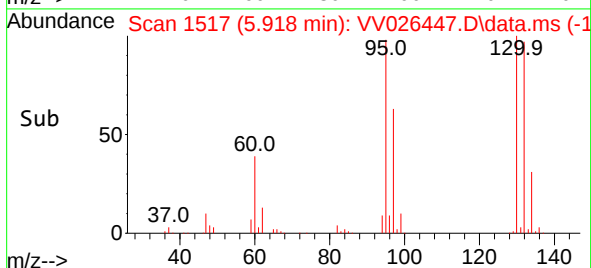
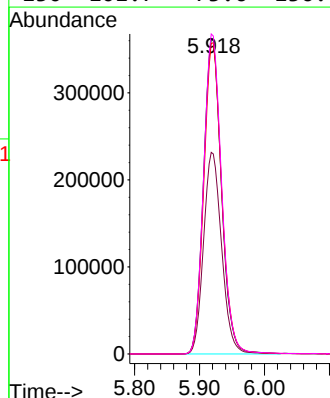
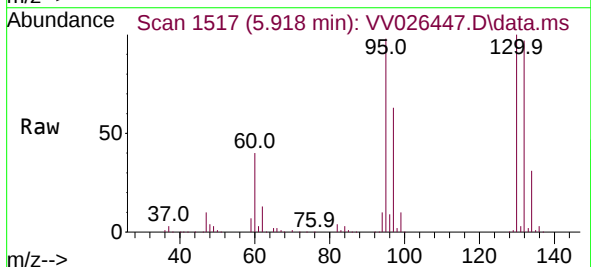
Ion Ratio Lower Upper

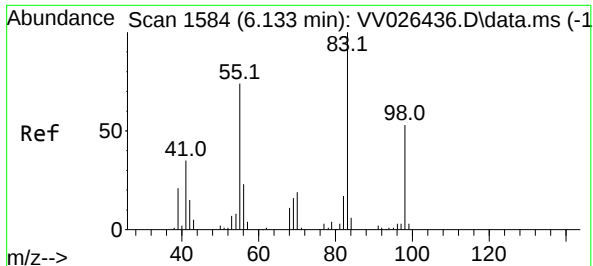
95 100

97 64.1 46.5 86.3

132 98.7 68.8 127.8

130 101.7 73.6 136.6





#35

Methylcyclohexane

Concen: 1.288 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026447.D

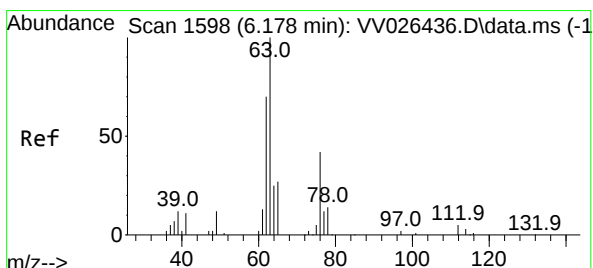
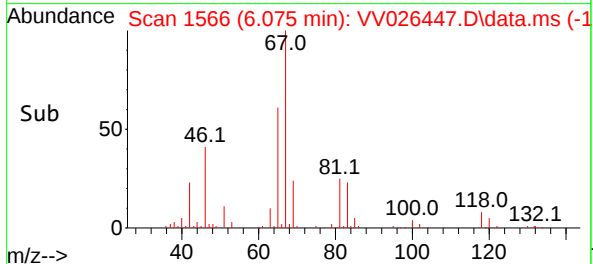
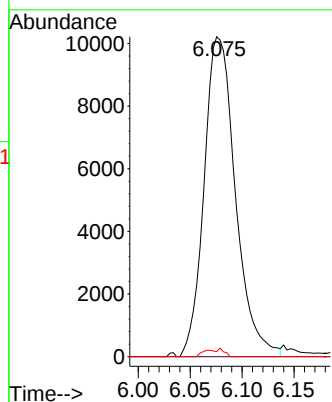
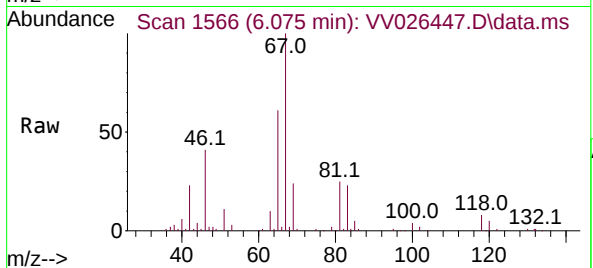
Acq: 20 Jun 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	21446
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.3	88.9#
98	0.0	39.9	59.9#



#37

1,2-Dichloropropane

Concen: 0.801 ug/L

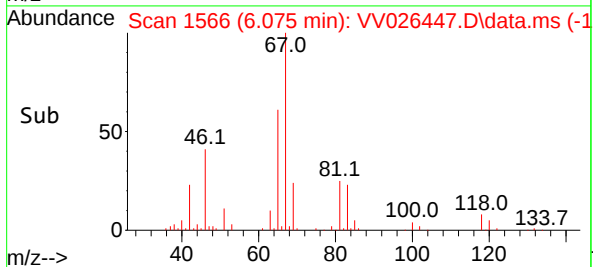
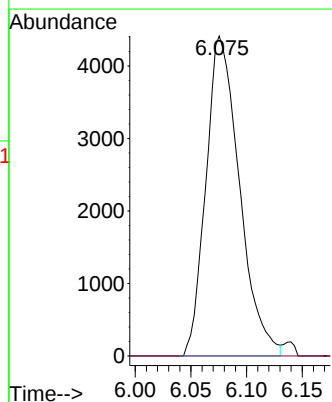
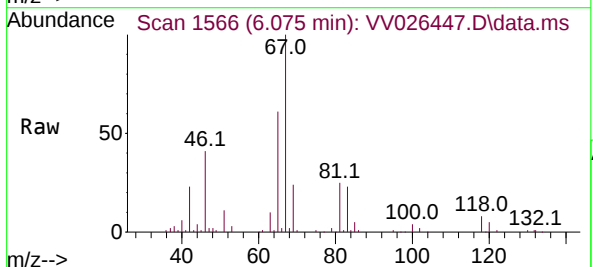
RT: 6.075 min Scan# 1566

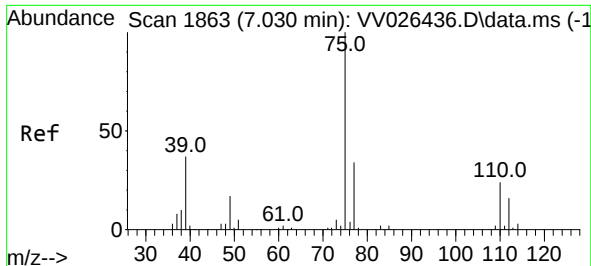
Delta R.T. -0.103 min

Lab File: VV026447.D

Acq: 20 Jun 2022 15:41

Tgt Ion:	63	Resp:	9246
Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.3	4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026447.D

Acq: 20 Jun 2022 15:41

Instrument :

MSVOA_V

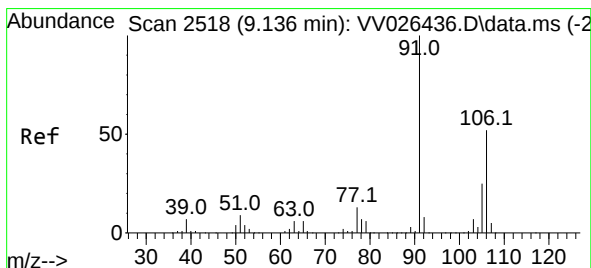
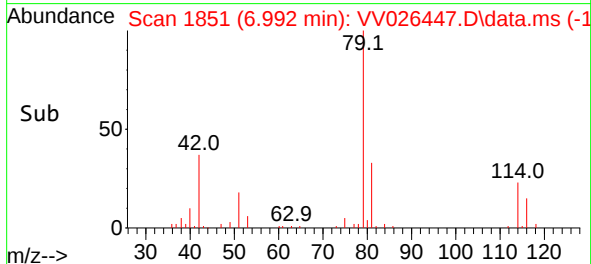
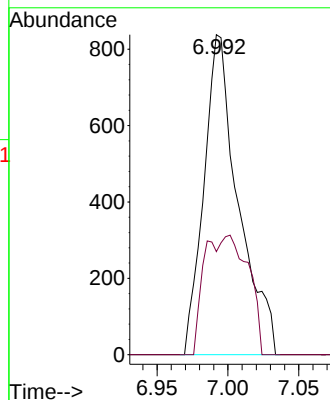
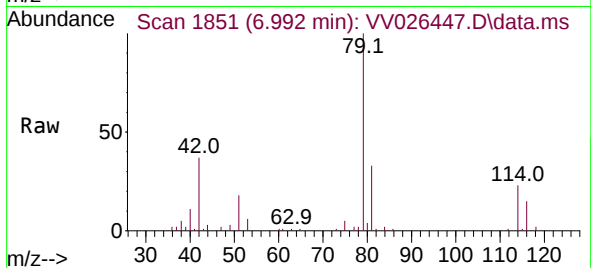
ClientSampleId :

Tgt Ion: 75 Resp: 1411

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.6



#53

m,p-Xylene

Concen: 0.081 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026447.D

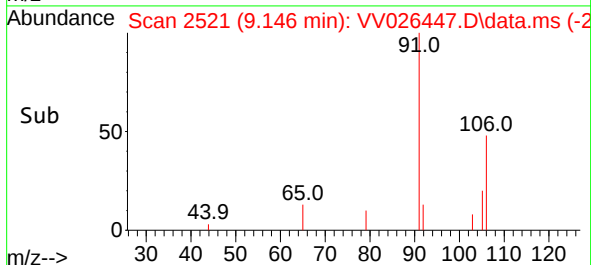
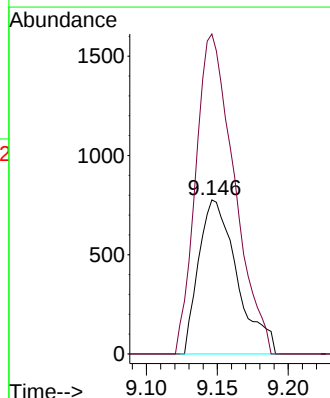
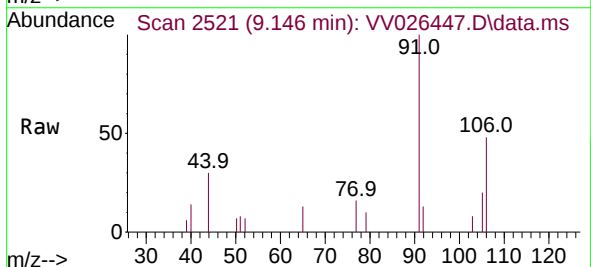
Acq: 20 Jun 2022 15:41

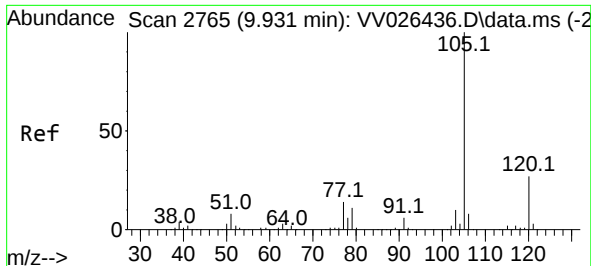
Tgt Ion: 106 Resp: 1462

Ion Ratio Lower Upper

106 100

91 207.7 141.3 262.3

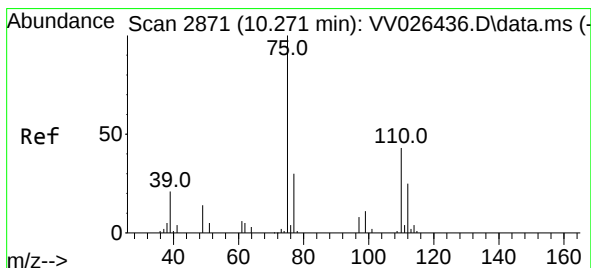
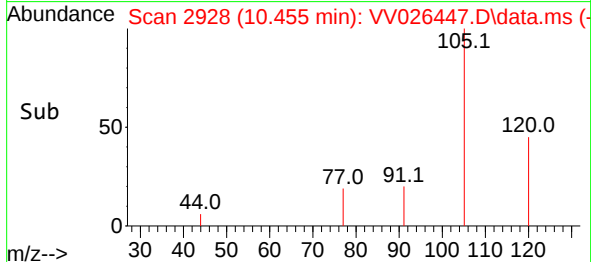
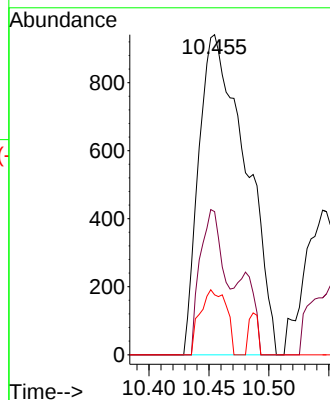
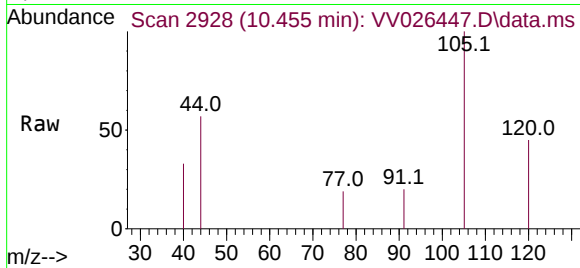




#60
Isopropylbenzene
Concen: 0.068 ug/L
RT: 10.455 min Scan# 2928
Delta R.T. 0.524 min
Lab File: VV026447.D
Acq: 20 Jun 2022 15:41

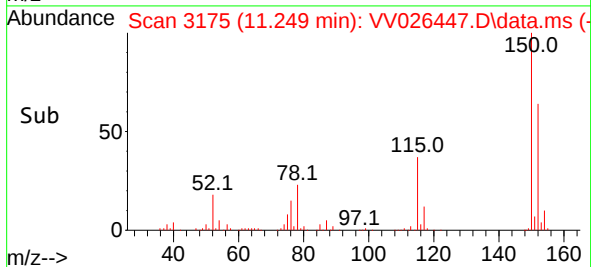
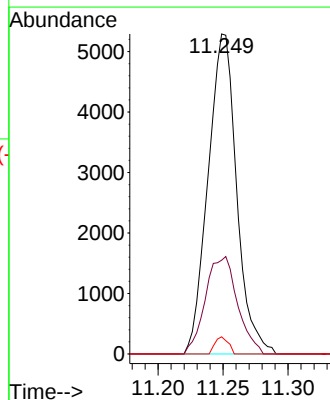
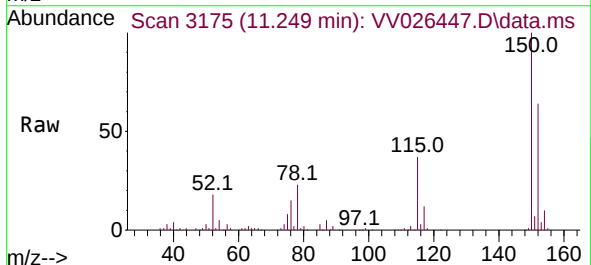
Instrument :
MSVOA_V
ClientSampleId :

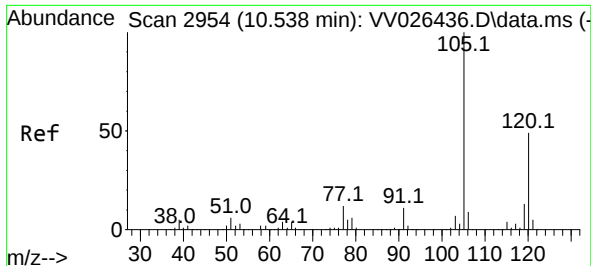
Tgt Ion:105 Resp: 2547
Ion Ratio Lower Upper
105 100
120 22.8 21.5 32.3
77 11.3 12.2 18.4#



#61
1,2,3-Trichloropropane
Concen: 1.763 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026447.D
Acq: 20 Jun 2022 15:41

Tgt Ion: 75 Resp: 8092
Ion Ratio Lower Upper
75 100
77 34.1 26.9 40.3
110 2.5 30.7 46.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.091 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.379 min

Lab File: VV026447.D

Acq: 20 Jun 2022 15:41

Instrument :

MSVOA_V

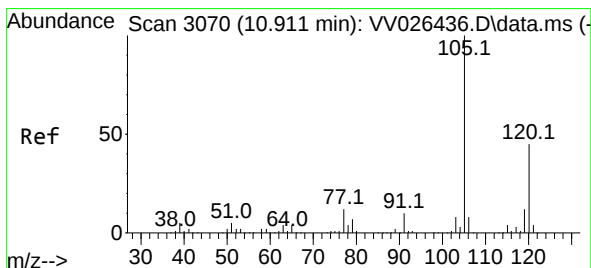
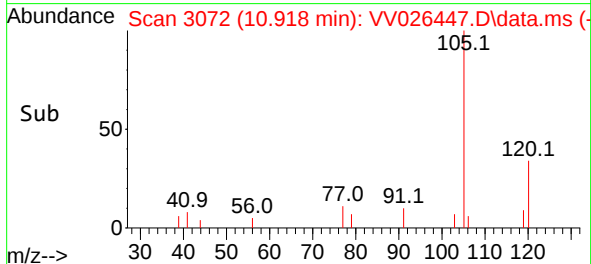
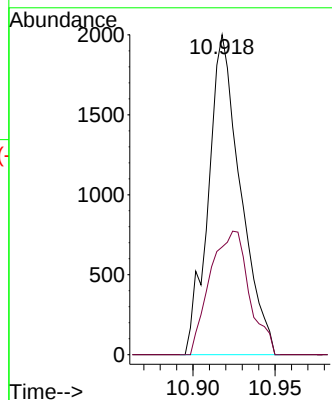
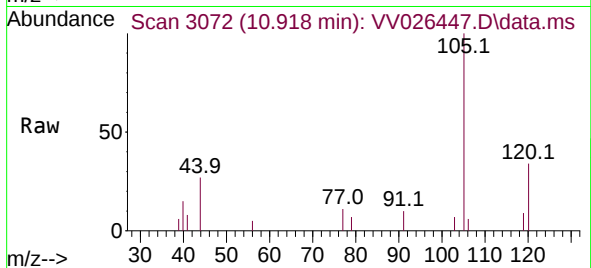
ClientSampleId :

Tgt Ion:105 Resp: 2732

Ion Ratio Lower Upper

105 100

120 46.8 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.092 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV026447.D

Acq: 20 Jun 2022 15:41

Tgt Ion:105 Resp: 2732

Ion Ratio Lower Upper

105 100

120 46.8 36.9 55.3

