

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027663.D
 Acq On : 01 Sep 2022 12:16
 Operator : SY/MD
 Sample : N4369-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:16:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	136063	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64460	4.361	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.200%	
7) Chloroethane-d5	1.567	69	58006	4.690	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.108	63	98846	3.417	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.400%	
20) 2-Butanone-d5	3.889	46	88696	35.490	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.980%	
24) Chloroform-d	4.346	84	142793	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.030	65	66910	5.034	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.050	84	257342	4.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.069	67	81850	4.524	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.313	98	206386	4.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
43) trans-1,3-Dichloroprop...	7.622	79	22350	4.010	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.088	63	110599	52.772	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.540%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	55650	4.780	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	75193	5.314	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	884	0.050	ug/L	89
6) Bromomethane	1.522	94	588	0.074	ug/L #	65
13) Acetone	2.130	43	12660	7.486	ug/L	69
15) Methyl Acetate	2.500	43	6736	1.501	ug/L #	53
21) 2-Butanone	3.883	43	8616	3.757	ug/L #	61
25) Chloroform	4.371	83	2440	0.092	ug/L #	39
30) Cyclohexane	4.754	56	2329	0.112	ug/L #	39
35) Methylcyclohexane	6.069	83	23562	1.109	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	9704	0.690	ug/L #	90
38) Bromodichloromethane	6.561	83	815	0.046	ug/L #	25
44) trans-1,3-Dichloropropene	7.625	75	1143	0.082	ug/L #	35
49) Dibromochloromethane	7.979	129	496	0.046	ug/L #	12
50) 1,2-Dibromoethane	8.390	107	2996	0.369	ug/L #	1
60) Isopropylbenzene	9.940	105	2329	0.049	ug/L #	51
61) 1,2,3-Trichloropropane	11.249	75	7720	1.207	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.975	105	528	0.040	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.548	75	1363	1.070	ug/L #	8
71) Naphthalene	13.541	128	4672	0.243	ug/L #	1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 07:36:37 2022
Response via : Initial Calibration

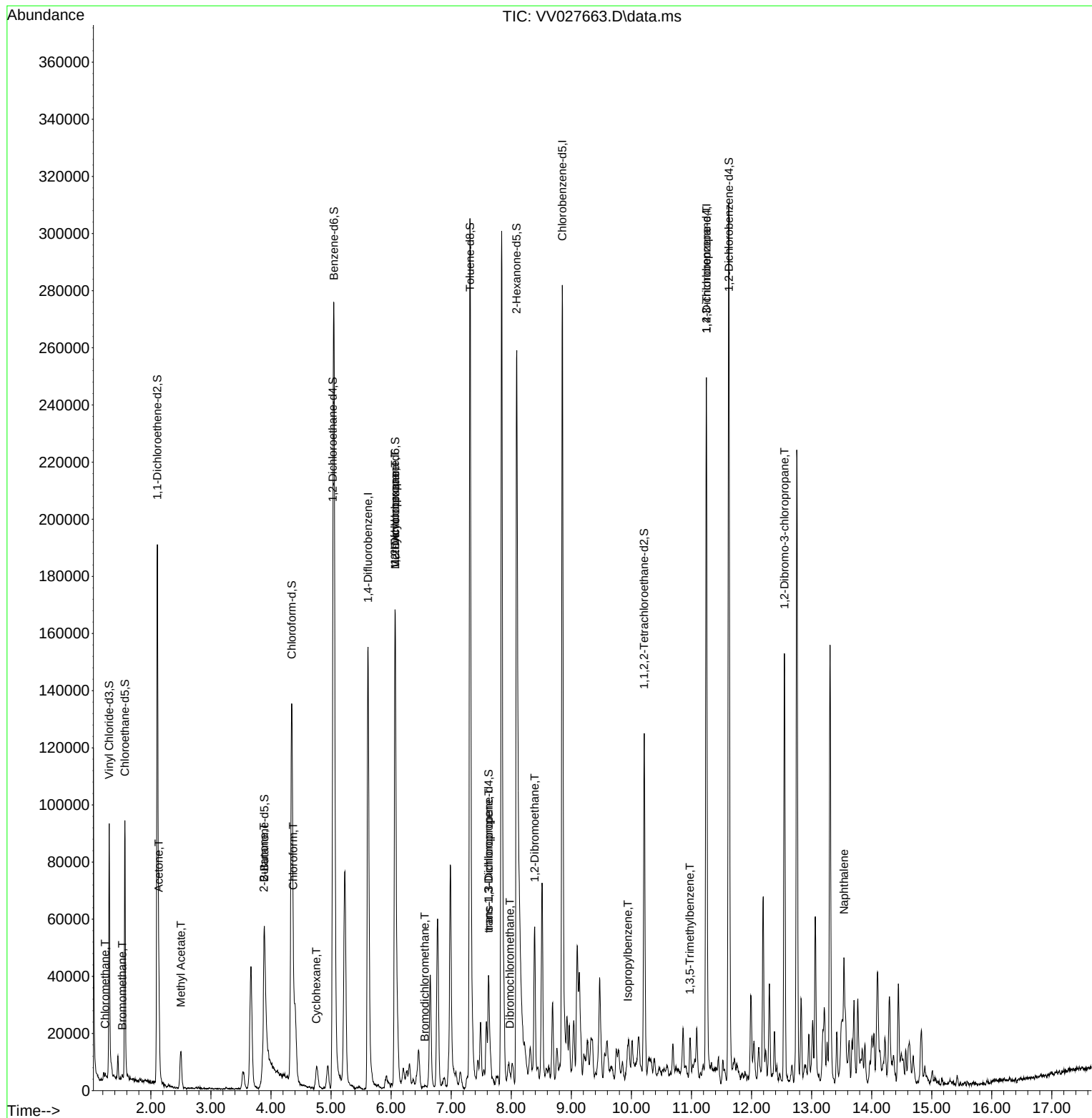
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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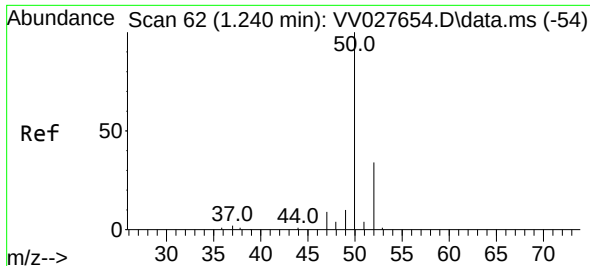
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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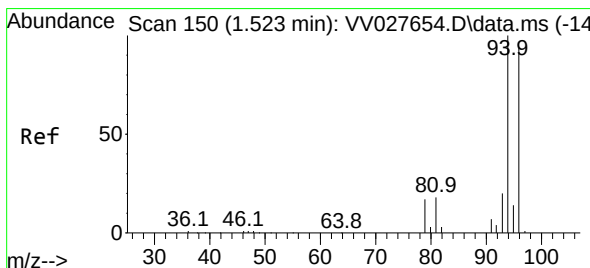
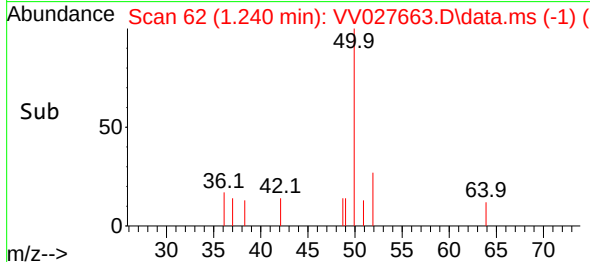
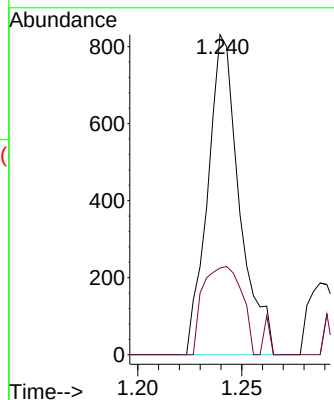
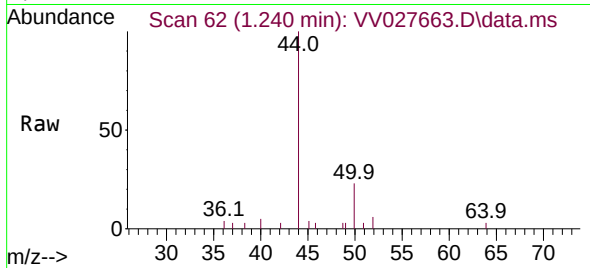




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

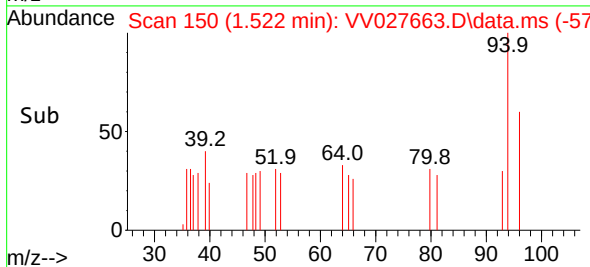
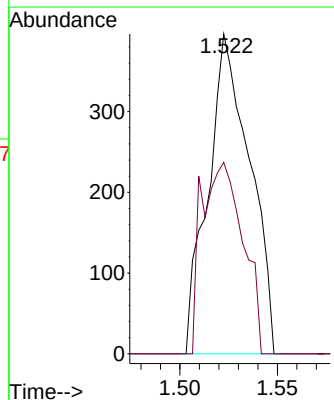
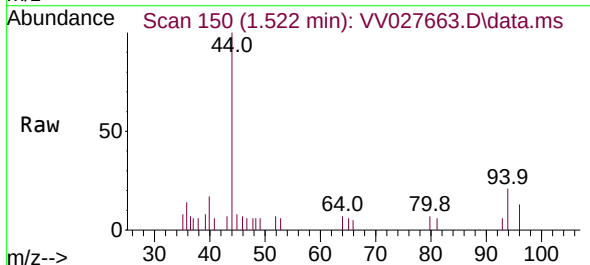
Instrument :
MSVOA_V
ClientSampleId :

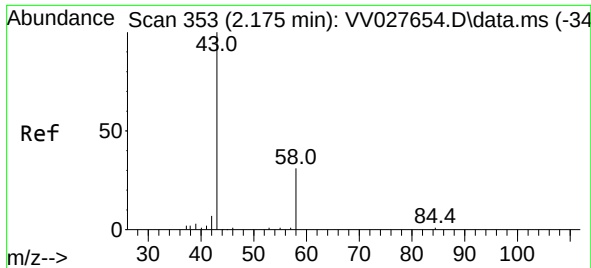
Tgt Ion: 50 Resp: 884
Ion Ratio Lower Upper
50 100
52 27.1 23.5 43.7



#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.522 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

Tgt Ion: 94 Resp: 588
Ion Ratio Lower Upper
94 100
96 59.8 65.1 120.9#





#13

Acetone

Concen: 7.486 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.045 min

Lab File: VV027663.D

Acq: 01 Sep 2022 12:16

Instrument :

MSVOA_V

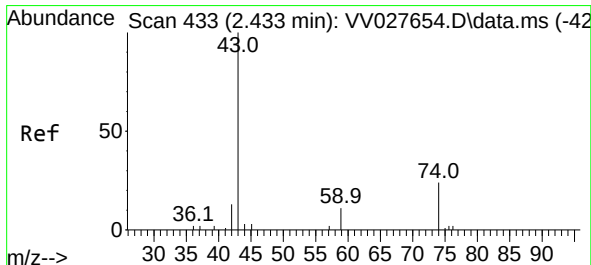
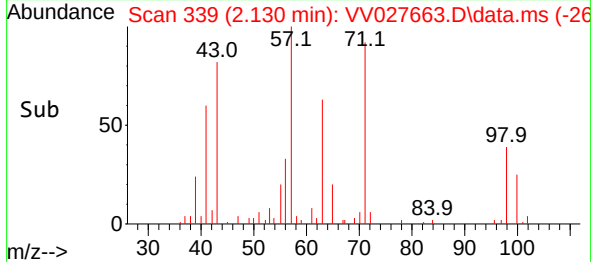
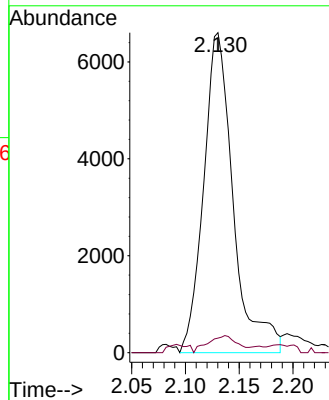
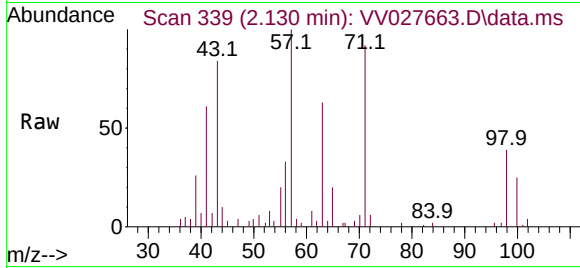
ClientSampleId :

Tgt Ion: 43 Resp: 12660

Ion Ratio Lower Upper

43 100

58 5.3 0.0 38.4



#15

Methyl Acetate

Concen: 1.501 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.067 min

Lab File: VV027663.D

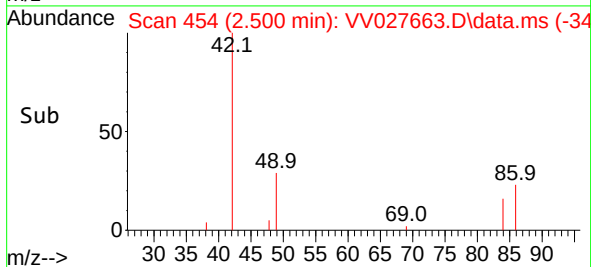
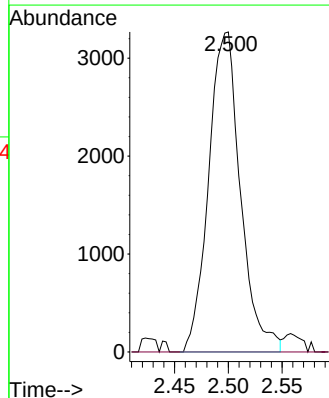
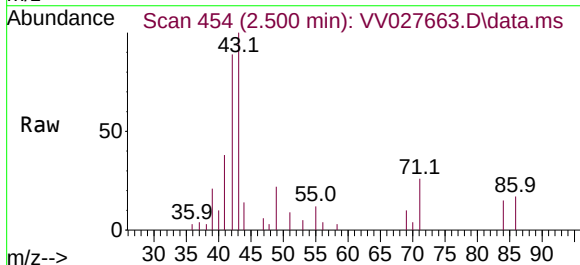
Acq: 01 Sep 2022 12:16

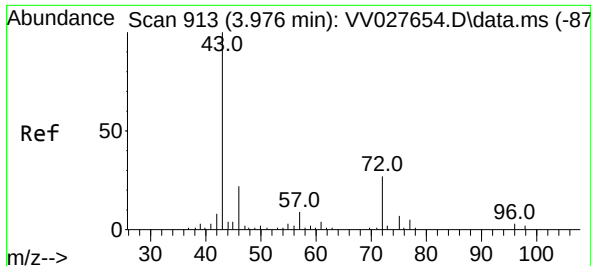
Tgt Ion: 43 Resp: 6736

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#

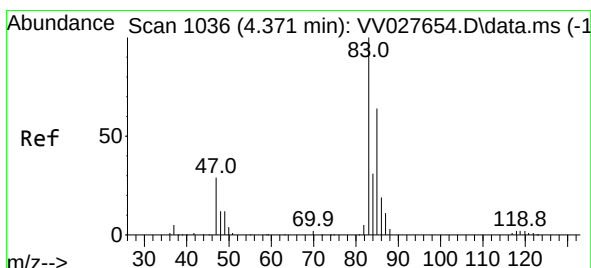
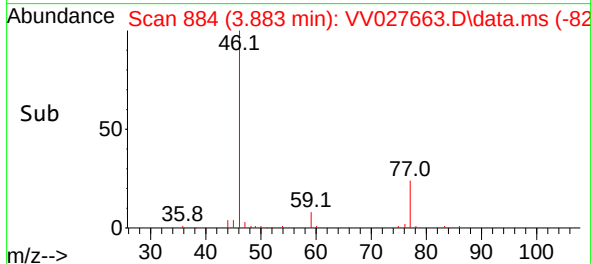
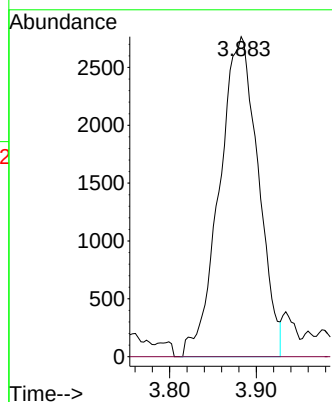
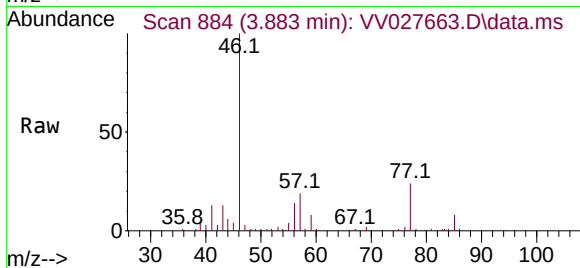




#21
2-Butanone
Concen: 3.757 ug/L
RT: 3.883 min Scan# 81
Delta R.T. -0.093 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

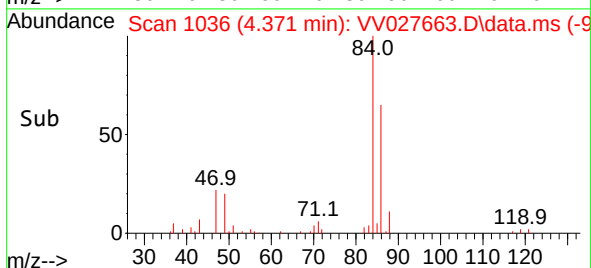
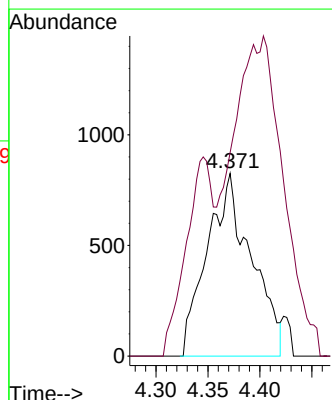
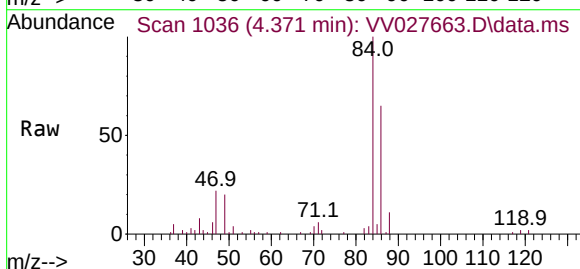
Instrument :
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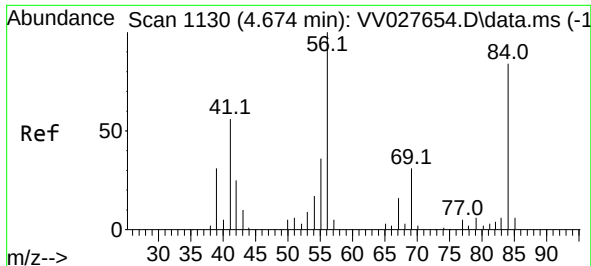
Tgt Ion: 43 Resp: 8616
Ion Ratio Lower Upper
43 100
72 0.0 8.3 24.9#



#25
Chloroform
Concen: 0.092 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

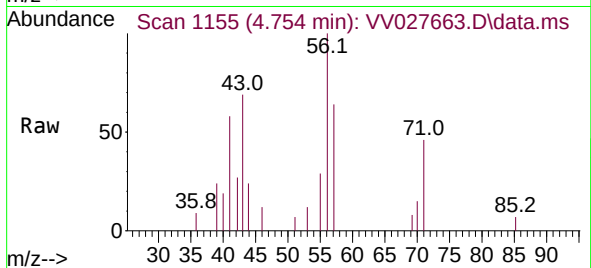
Tgt Ion: 83 Resp: 2440
Ion Ratio Lower Upper
83 100
85 111.4 44.7 83.1#



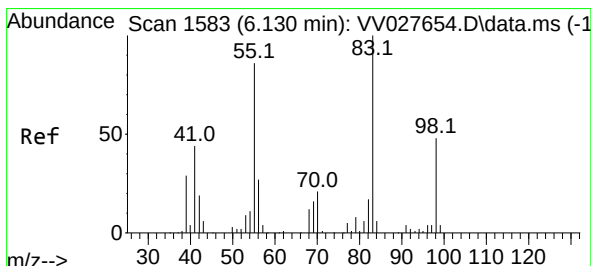
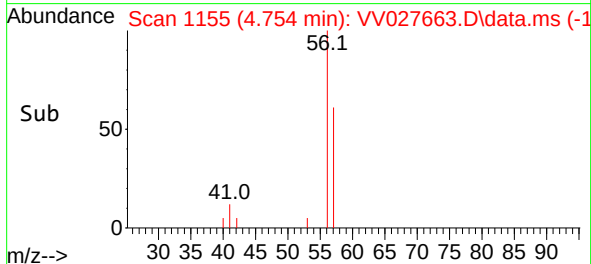
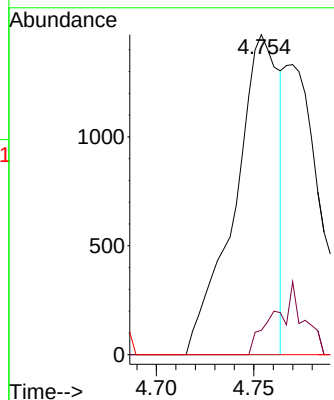


#30
Cyclohexane
Concen: 0.112 ug/L
RT: 4.754 min Scan# 1130
Delta R.T. 0.080 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

Instrument :
MSVOA_V
ClientSampleId :

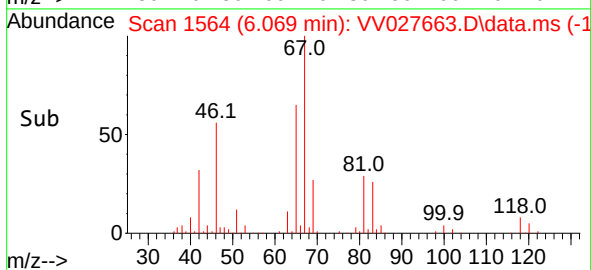
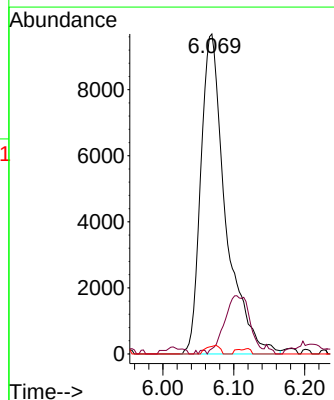
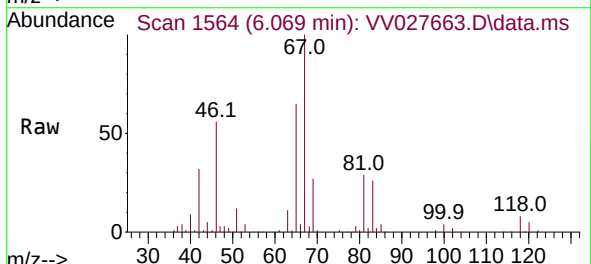


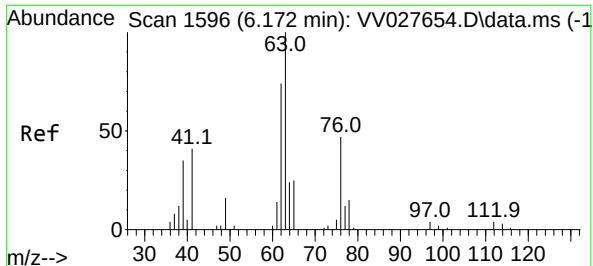
Tgt Ion: 56 Resp: 2329
Ion Ratio Lower Upper
56 100
69 14.7 24.1 36.1#
84 17.8 66.9 100.3#



#35
Methylcyclohexane
Concen: 1.109 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

Tgt Ion: 83 Resp: 23562
Ion Ratio Lower Upper
83 100
55 1.5 66.0 99.0#
98 1.4 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.690 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027663.D

Acq: 01 Sep 2022 12:16

Instrument :

MSVOA_V

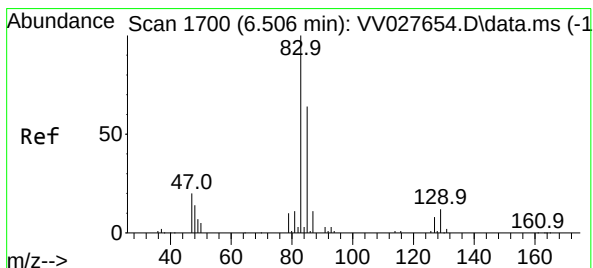
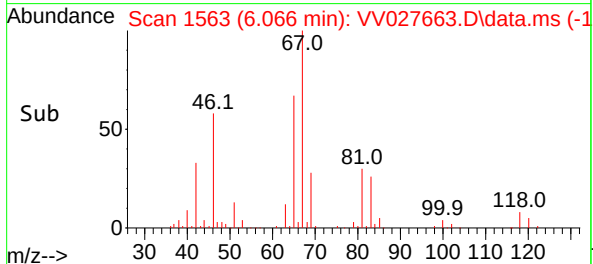
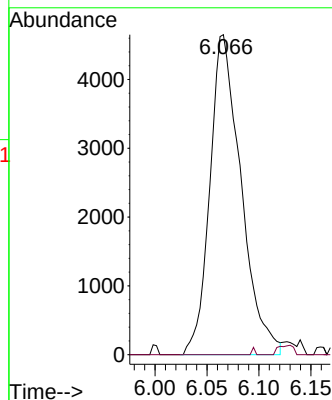
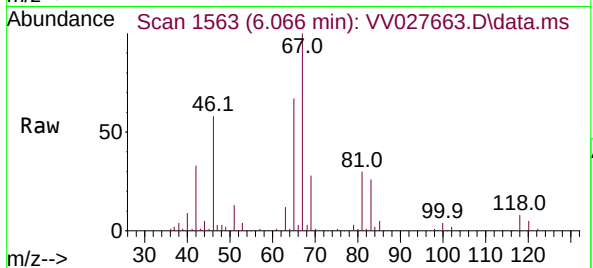
ClientSampleId :

Tgt Ion: 63 Resp: 9704

Ion Ratio Lower Upper

63 100

112 0.2 2.9 4.3#



#38

Bromodichloromethane

Concen: 0.046 ug/L

RT: 6.561 min Scan# 1717

Delta R.T. 0.055 min

Lab File: VV027663.D

Acq: 01 Sep 2022 12:16

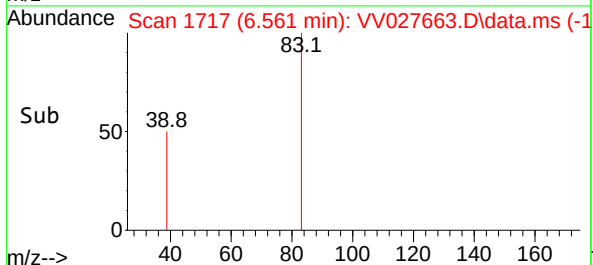
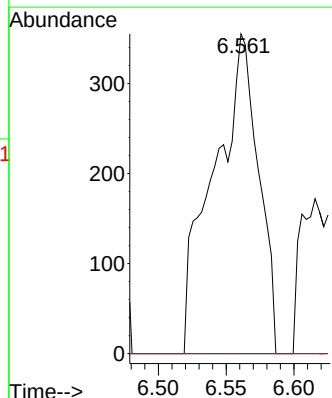
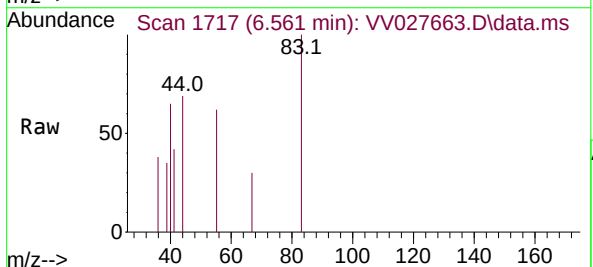
Tgt Ion: 83 Resp: 815

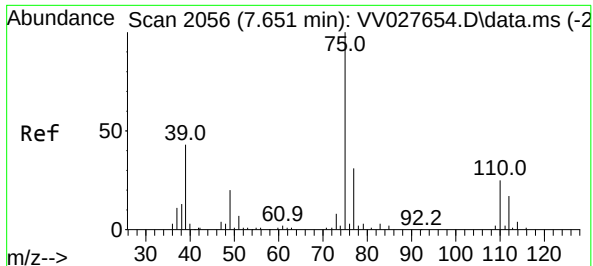
Ion Ratio Lower Upper

83 100

85 0.0 45.2 84.0#

127 0.0 7.0 10.6#

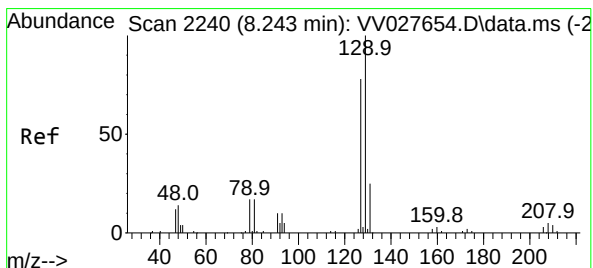
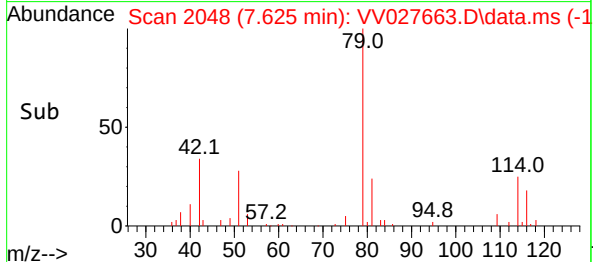
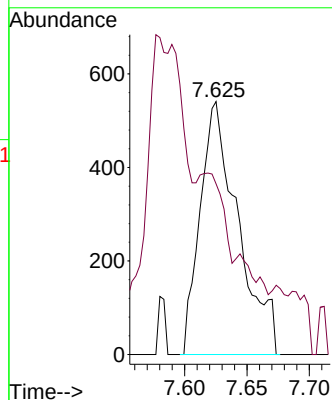
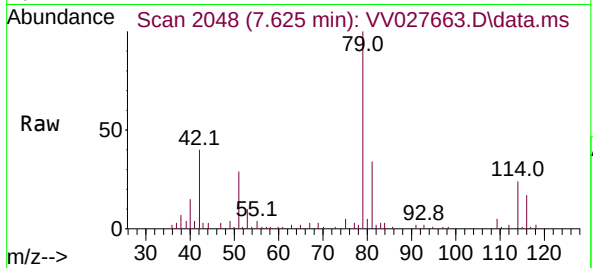




#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

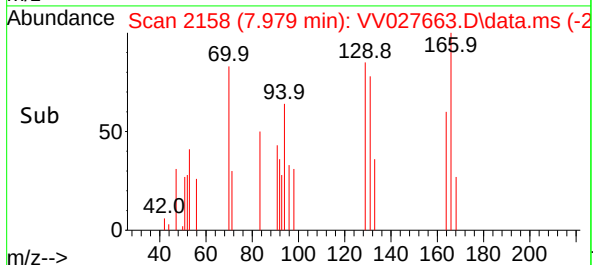
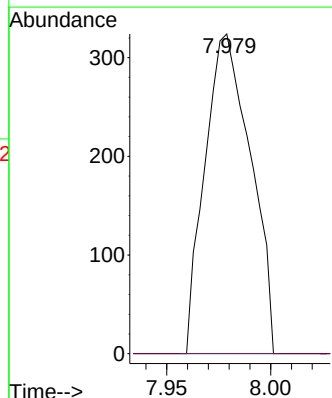
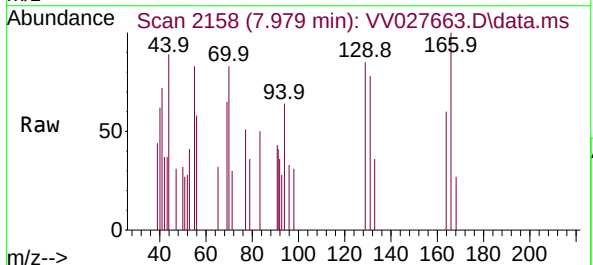
Instrument :
MSVOA_V
ClientSampleId :

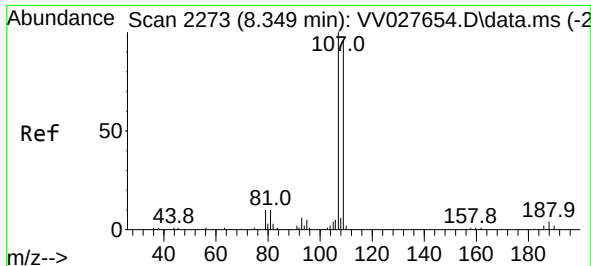
Tgt Ion: 75 Resp: 1143
Ion Ratio Lower Upper
75 100
77 67.5 22.0 41.0#



#49
Dibromochloromethane
Concen: 0.046 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.264 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

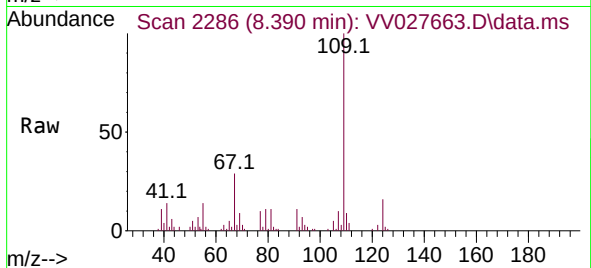
Tgt Ion: 129 Resp: 496
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.4#



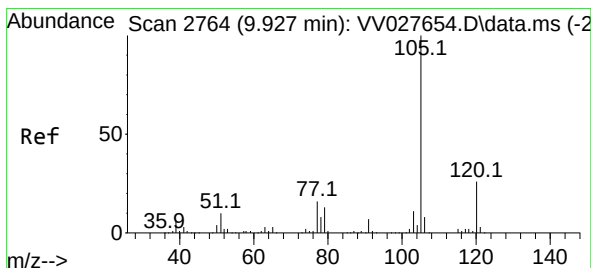
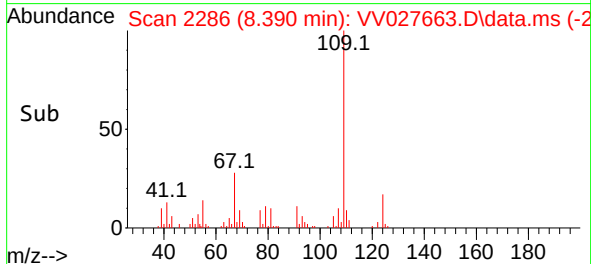
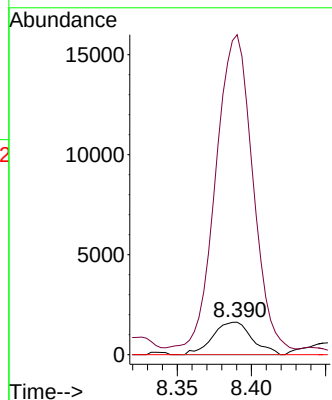


#50
 1,2-Dibromoethane
 Concen: 0.369 ug/L
 RT: 8.390 min Scan# 21
 Delta R.T. 0.042 min
 Lab File: VV027663.D
 Acq: 01 Sep 2022 12:16

Instrument :
 MSVOA_V
 ClientSampleId :

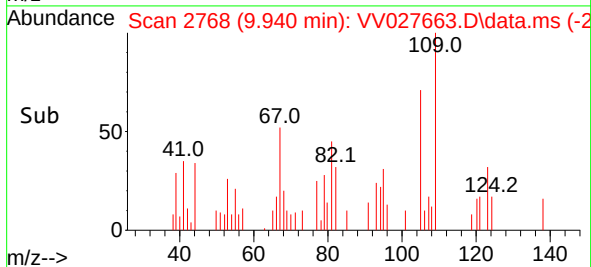
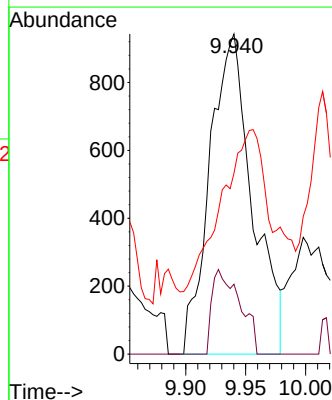
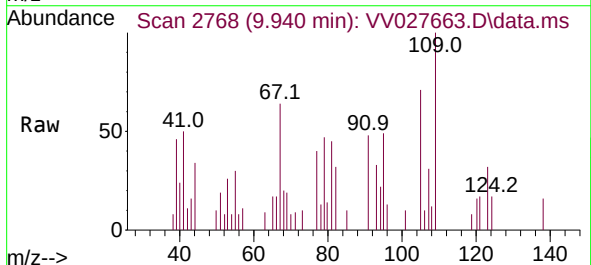


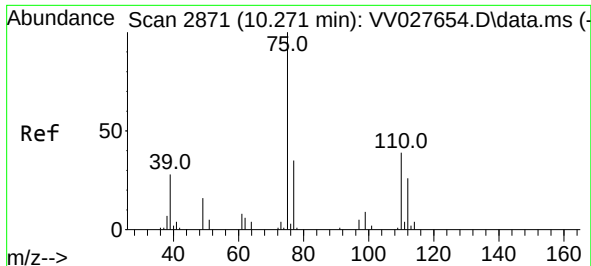
Tgt Ion:107 Resp: 2996
 Ion Ratio Lower Upper
 107 100
 109 982.8 66.2 123.0#
 188 0.0 2.6 3.8#



#60
 Isopropylbenzene
 Concen: 0.049 ug/L
 RT: 9.940 min Scan# 2768
 Delta R.T. 0.013 min
 Lab File: VV027663.D
 Acq: 01 Sep 2022 12:16

Tgt Ion:105 Resp: 2329
 Ion Ratio Lower Upper
 105 100
 120 17.3 21.0 31.4#
 77 58.8 12.7 19.1#





#61

1,2,3-Trichloropropane

Concen: 1.207 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027663.D

Acq: 01 Sep 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :

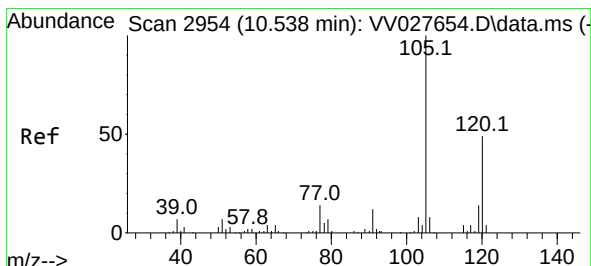
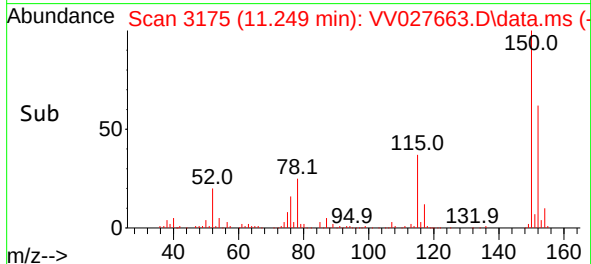
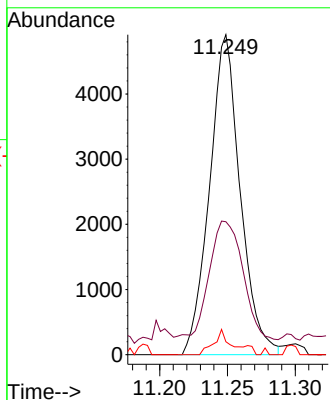
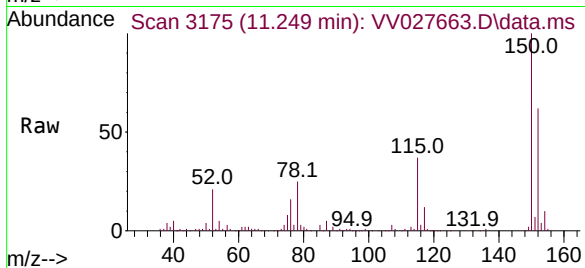
Tgt Ion: 75 Resp: 7720

Ion Ratio Lower Upper

75 100

77 40.2 25.8 38.6#

110 4.2 29.8 44.8#



#62

1,3,5-Trimethylbenzene

Concen: 0.040 ug/L

RT: 10.975 min Scan# 3090

Delta R.T. 0.437 min

Lab File: VV027663.D

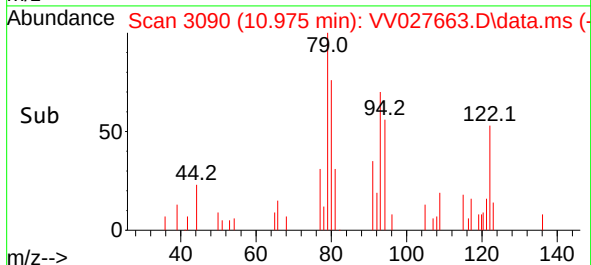
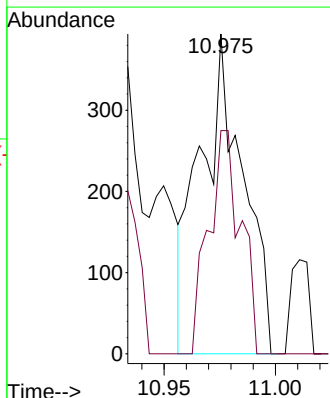
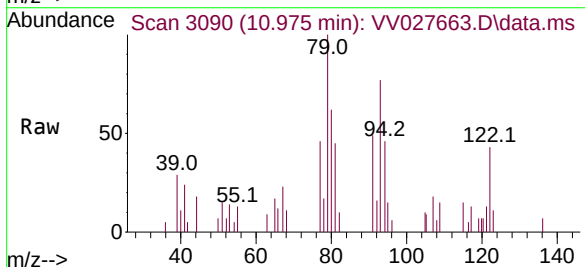
Acq: 01 Sep 2022 12:16

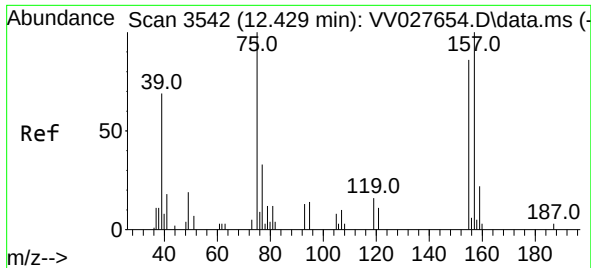
Tgt Ion: 105 Resp: 528

Ion Ratio Lower Upper

105 100

120 52.1 40.4 60.6

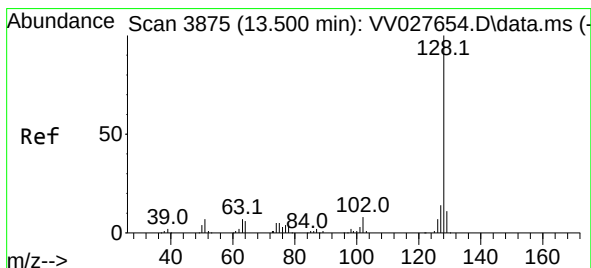
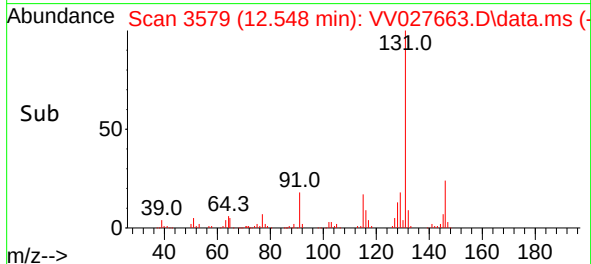
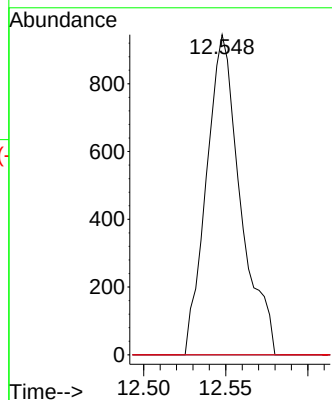
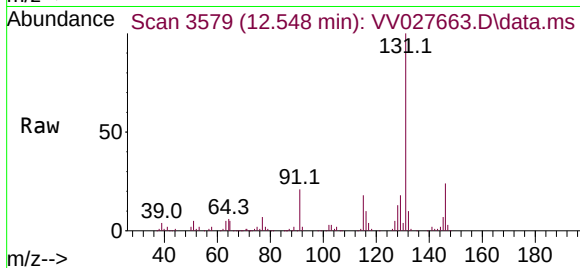




#68
1,2-Dibromo-3-chloropropane
Concen: 1.070 ug/L
RT: 12.548 min Scan# 31
Delta R.T. 0.119 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1363
Ion Ratio Lower Upper
75 100
155 0.0 56.4 84.6#
157 0.0 74.9 112.3#



#71
Naphthalene
Concen: 0.243 ug/L
RT: 13.541 min Scan# 3888
Delta R.T. 0.042 min
Lab File: VV027663.D
Acq: 01 Sep 2022 12:16

Tgt Ion: 128 Resp: 4672
Ion Ratio Lower Upper
128 100
129 90.9 8.9 13.3#
127 36.1 10.9 16.3#

