

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW023001.D
 Acq On : 22 Oct 2021 20:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:31:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	134058	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56130	4.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.561	69	34865	4.812	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.102	63	87911	5.202	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	3.954	46	69212	36.832	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.660%
24) Chloroform-d	4.346	84	71263	3.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
26) 1,2-Dichloroethane-d4	5.034	65	38637	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.040	84	142814	3.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.072	67	59994	5.145	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.314	98	184170	5.413	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
43) trans-1,3-Dichloroprop...	7.625	79	20803	5.092	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.108	63	75166	49.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.400%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	42251	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	64477	5.005	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44265	5.205	ug/L	97
3) Chloromethane	1.240	50	47342	5.150	ug/L	94
5) Vinyl chloride	1.307	62	47049	4.956	ug/L	100
6) Bromomethane	1.516	94	24571	5.122	ug/L	100
8) Chloroethane	1.581	64	24280	4.891	ug/L	99
9) Trichlorofluoromethane	1.748	101	64805	5.058	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	38495	5.269	ug/L	99
12) 1,1-Dichloroethene	2.111	96	34739	5.061	ug/L	91
13) Acetone	2.230	43	27964	30.332	ug/L	100
14) Carbon disulfide	2.285	76	92188	4.932	ug/L	98
15) Methyl Acetate	2.452	43	11690	3.333	ug/L	99
16) Methylene chloride	2.503	84	45066	5.978	ug/L	86
17) Methyl tert-butyl Ether	2.780	73	87395	5.334	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	40502	5.527	ug/L	95
19) 1,1-Dichloroethane	3.182	63	80373	5.970	ug/L	98
21) 2-Butanone	4.037	43	59474	32.952	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	33177	3.993	ug/L	# 96
23) Bromochloromethane	4.243	128	14783	3.920	ug/L	# 74
25) Chloroform	4.372	83	63077	3.546	ug/L	97

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:31:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

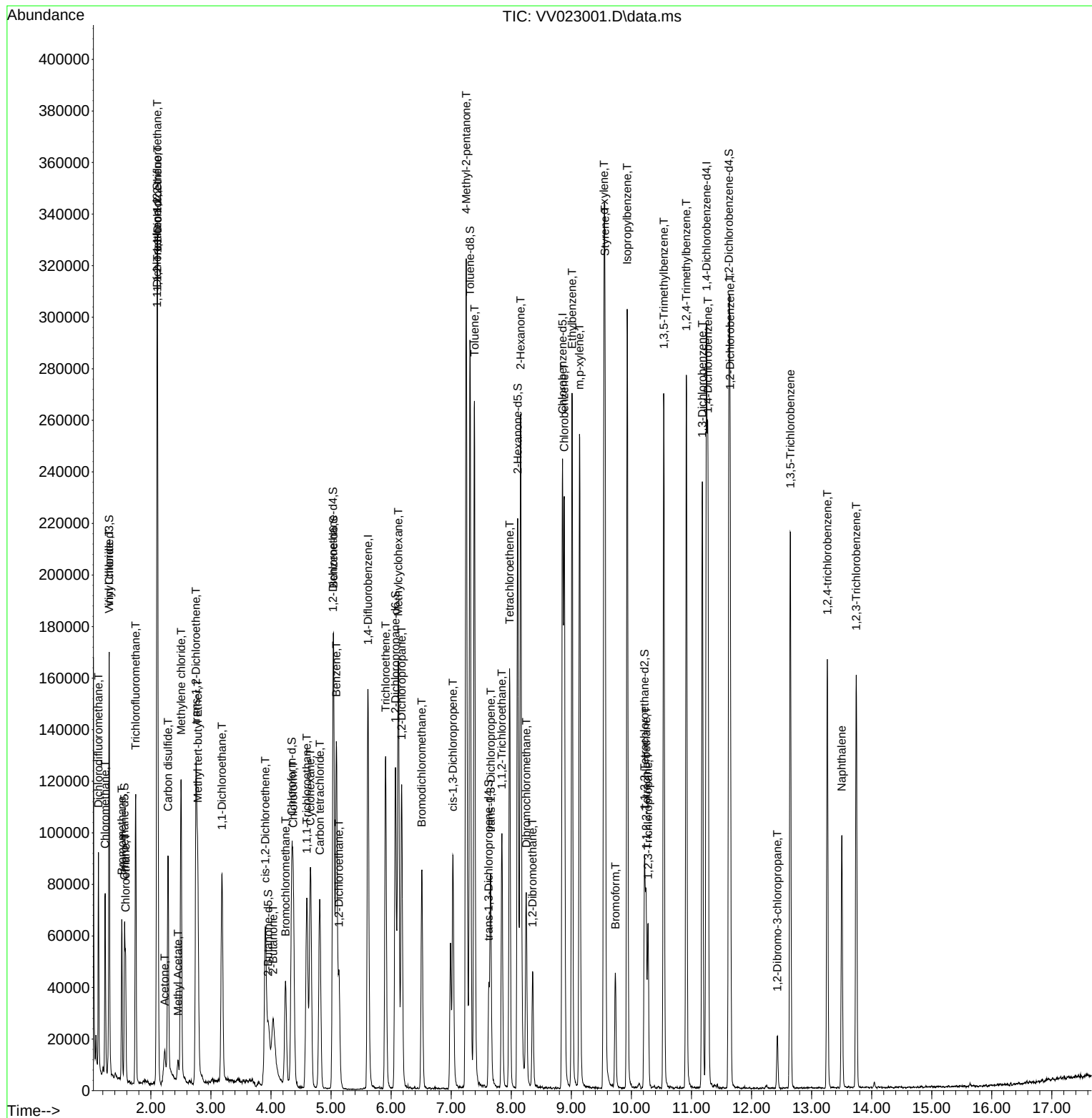
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	39997	4.263	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	60537	4.129	ug/L	99
30) Cyclohexane	4.654	56	43488	3.397	ug/L	90
31) Carbon tetrachloride	4.812	117	54692	4.335	ug/L	96
33) Benzene	5.089	78	131193	3.758	ug/L	100
34) Trichloroethene	5.908	95	43720	4.985	ug/L	98
35) Methylcyclohexane	6.121	83	61185	4.872	ug/L	99
37) 1,2-Dichloropropane	6.175	63	45100	5.125	ug/L	99
38) Bromodichloromethane	6.510	83	55164	5.082	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	55092	5.028	ug/L	98
40) 4-Methyl-2-pentanone	7.249	43	228307	55.111	ug/L	98
42) Toluene	7.388	91	193629	5.473	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	45971	5.071	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	31494	5.116	ug/L	98
47) Tetrachloroethene	7.973	164	37600	5.074	ug/L	96
48) 2-Hexanone	8.156	43	168492	54.791	ug/L	99
49) Dibromochloromethane	8.249	129	38263	5.224	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29167	5.263	ug/L	94
51) Chlorobenzene	8.883	112	120444	5.182	ug/L	99
52) Ethylbenzene	9.011	91	178063	5.071	ug/L	97
53) m,p-xylene	9.137	106	71718	5.093	ug/L	96
54) o-xylene	9.545	106	67398	5.084	ug/L	99
55) Styrene	9.561	104	122980	5.372	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	36049	5.239	ug/L	98
59) Bromoform	9.735	173	20588	4.893	ug/L	97
60) Isopropylbenzene	9.931	105	184538	5.054	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	24473	4.816	ug/L	95
62) 1,3,5-Trimethylbenzene	10.539	105	140969	4.806	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	145857	4.982	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	98643	5.134	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	96776	4.958	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	90062	5.035	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4817	4.804	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	67060	4.582	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	49821	4.550	ug/L	98
71) Naphthalene	13.503	128	76410	4.590	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47922	4.714	ug/L	99

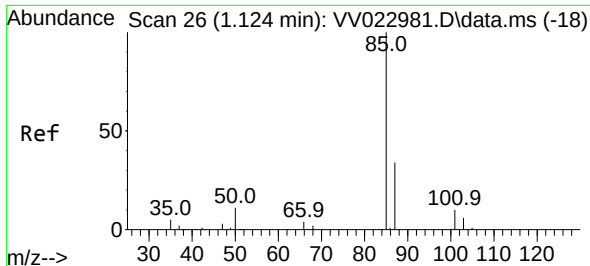
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Data File : VV023001.D
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ALS Vial : 44 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :

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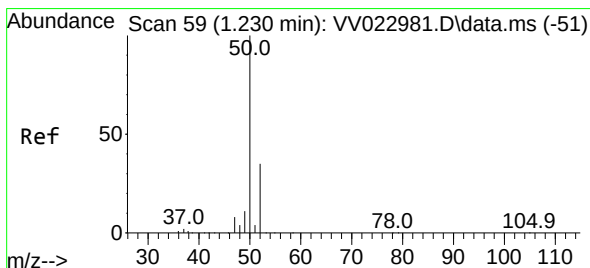
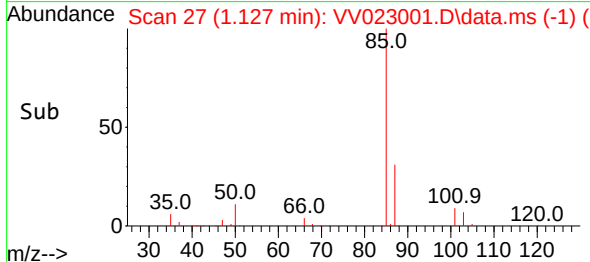
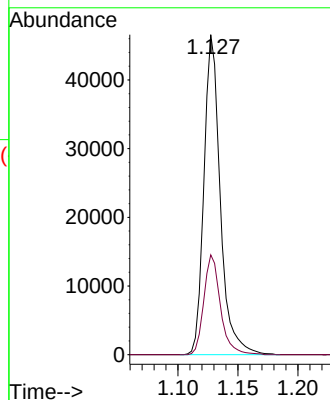
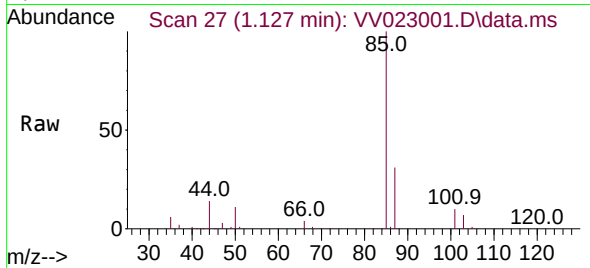




#2
 Dichlorodifluoromethane
 Concen: 5.205 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

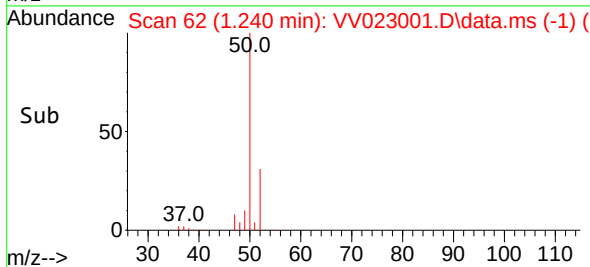
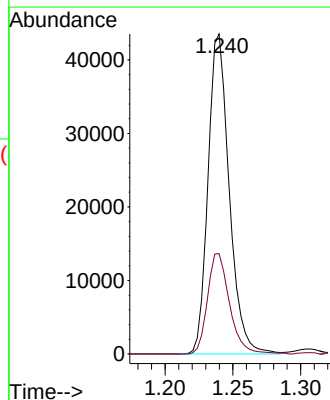
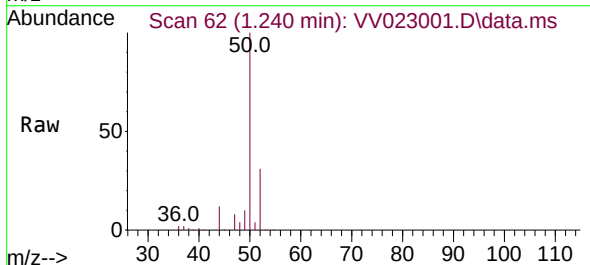
Instrument :
 MSVOA_V
 ClientSampleId :

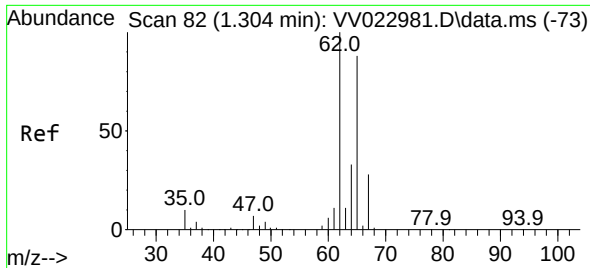
Tgt Ion: 85 Resp: 44265
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.6 39.8



#3
 Chloromethane
 Concen: 5.150 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

Tgt Ion: 50 Resp: 47342
 Ion Ratio Lower Upper
 50 100
 52 31.3 24.3 45.1

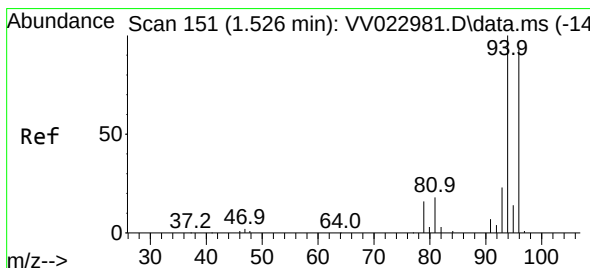
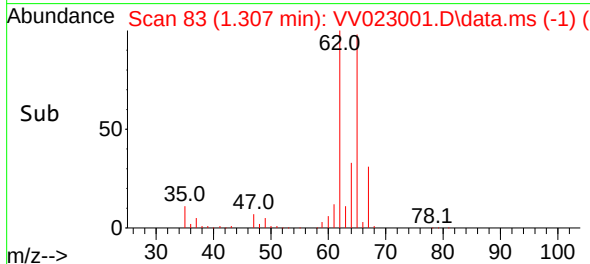
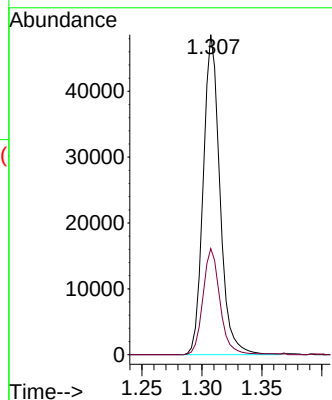
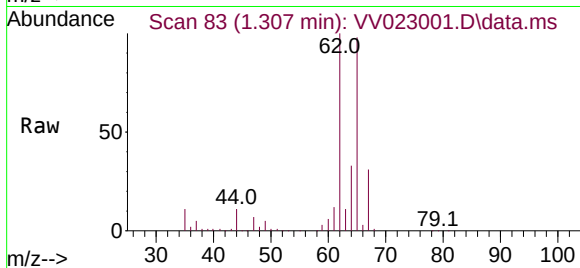




#5
 Vinyl chloride
 Concen: 4.956 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

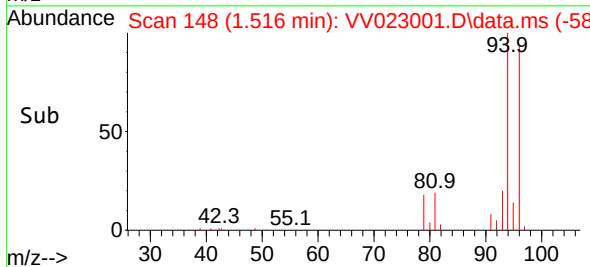
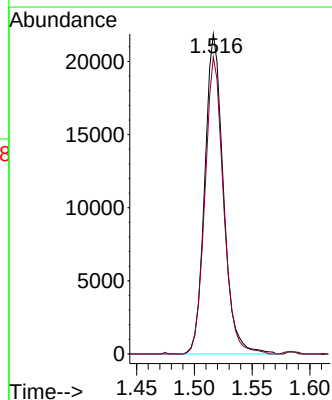
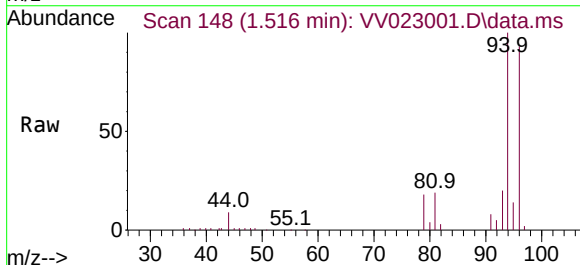
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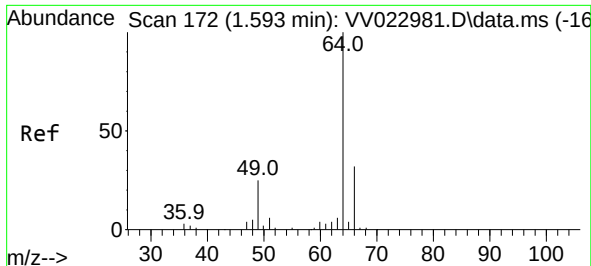
Tgt Ion: 62 Resp: 47049
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 5.122 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.009 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

Tgt Ion: 94 Resp: 24571
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.0 120.8

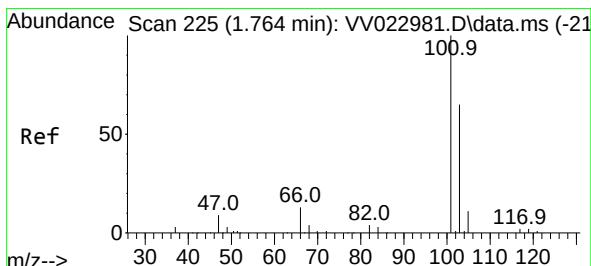
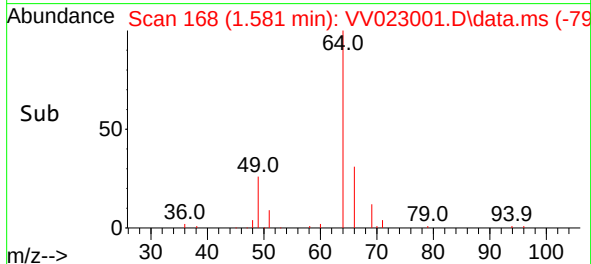
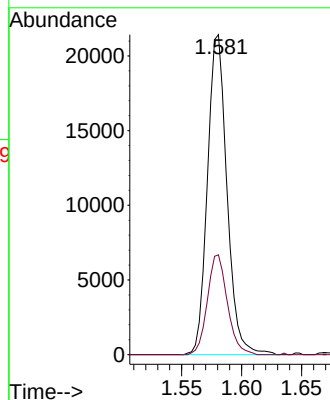
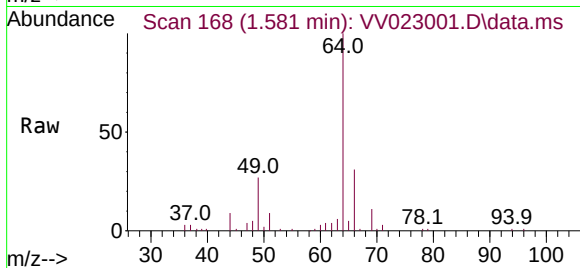




#8
Chloroethane
Concen: 4.891 ug/L
RT: 1.581 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

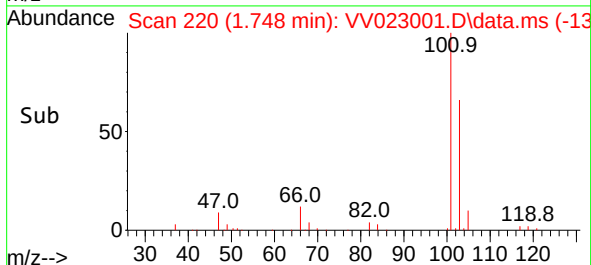
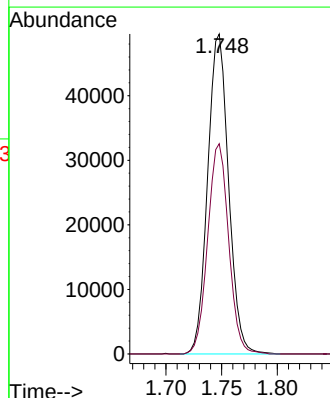
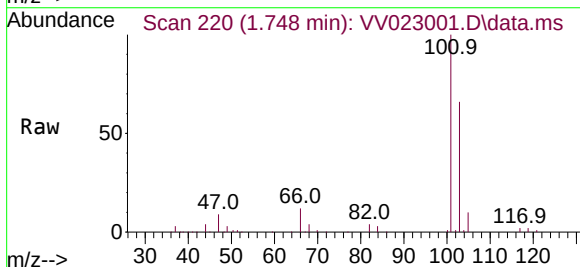
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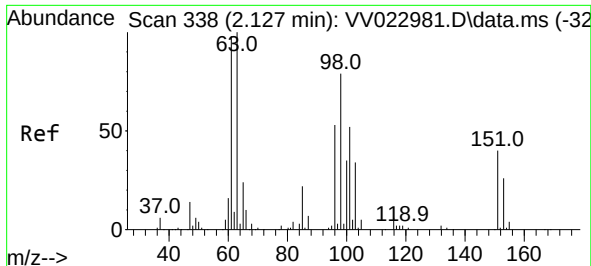
Tgt Ion: 64 Resp: 24280
Ion Ratio Lower Upper
64 100
66 31.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.058 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.016 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

Tgt Ion: 101 Resp: 64805
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

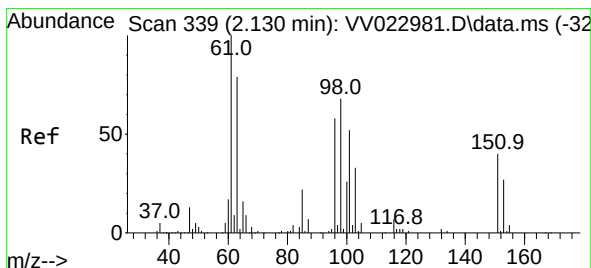
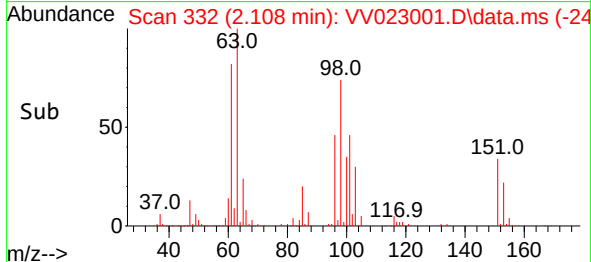
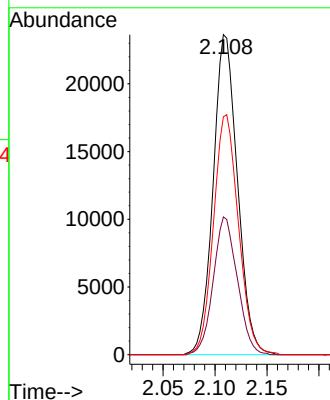
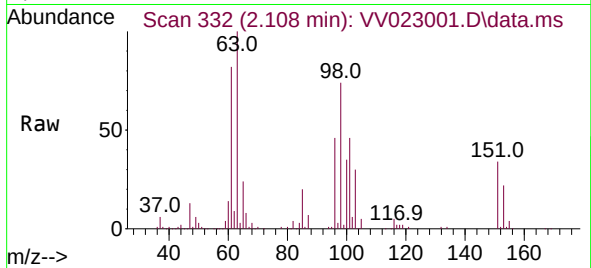




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.269 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.019 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

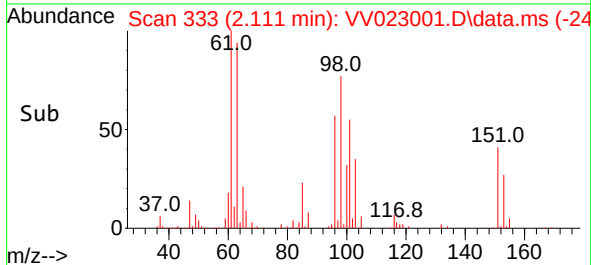
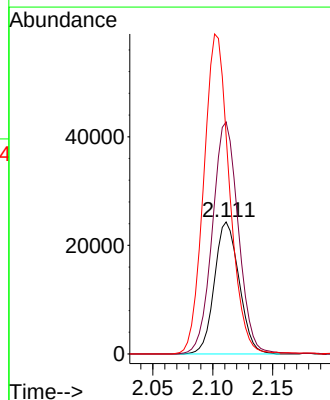
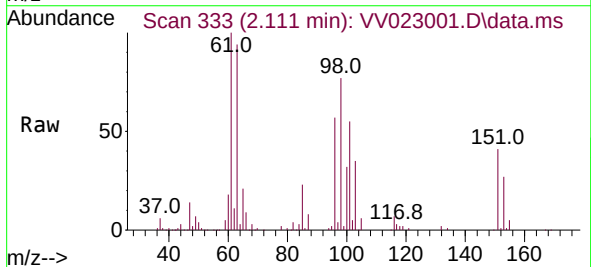
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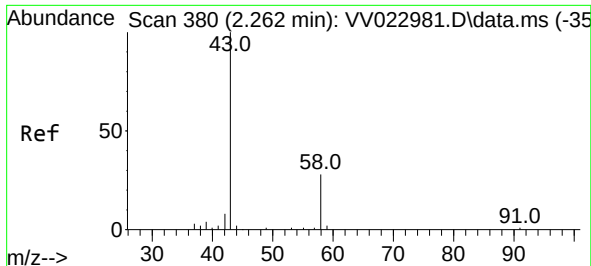
Tgt Ion:101 Resp: 38495
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.3 52.9
 151 77.0 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.061 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.019 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

Tgt Ion: 96 Resp: 34739
 Ion Ratio Lower Upper
 96 100
 61 175.7 121.5 225.7
 63 165.5 99.6 185.0





#13

Acetone

Concen: 30.332 ug/L

RT: 2.230 min Scan# 31

Delta R.T. -0.032 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

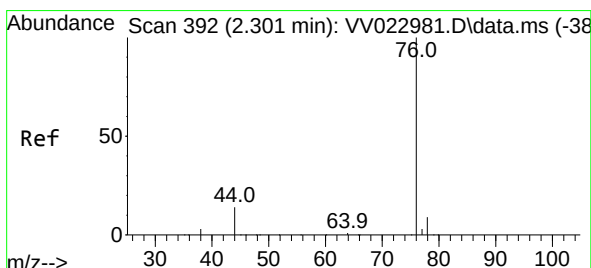
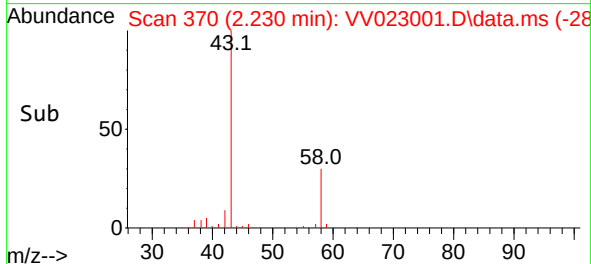
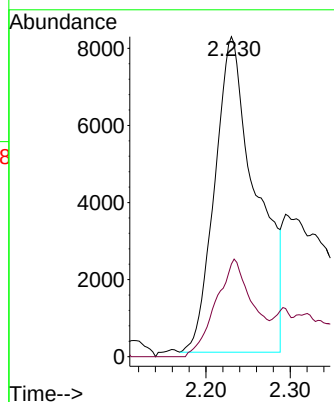
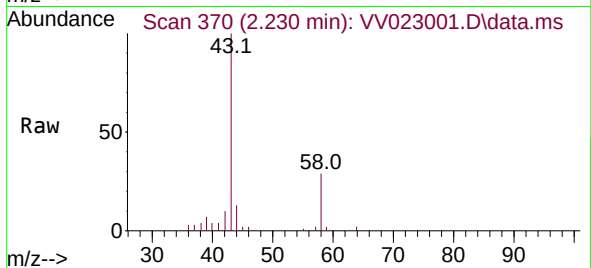
ClientSampleId :

Tgt Ion: 43 Resp: 27964

Ion Ratio Lower Upper

43 100

58 27.7 0.0 55.4



#14

Carbon disulfide

Concen: 4.932 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.016 min

Lab File: VV023001.D

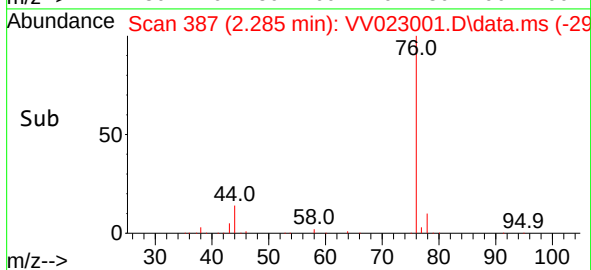
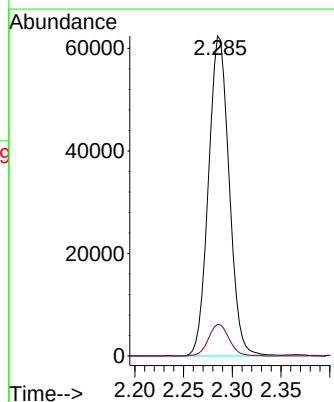
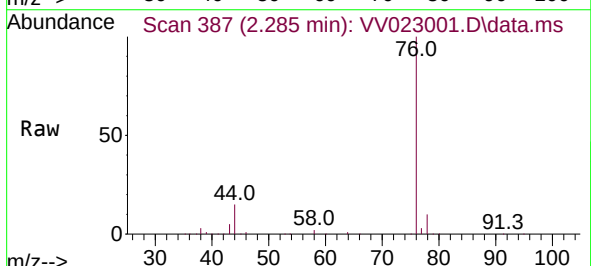
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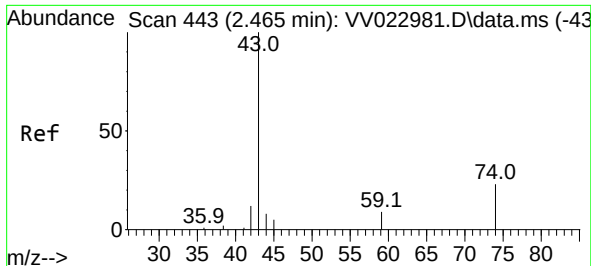
Tgt Ion: 76 Resp: 92188

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8

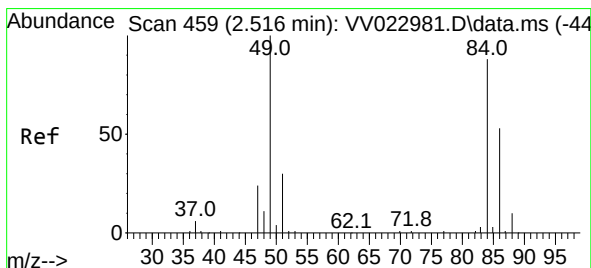
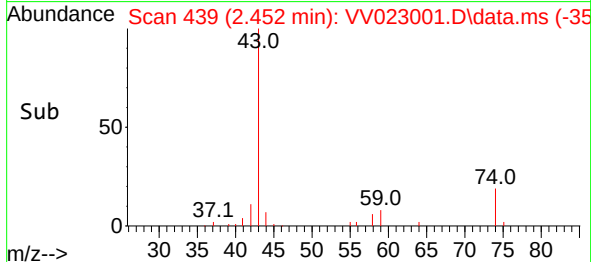
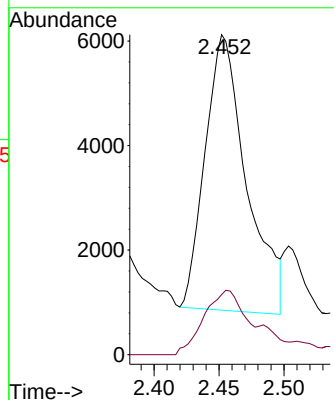
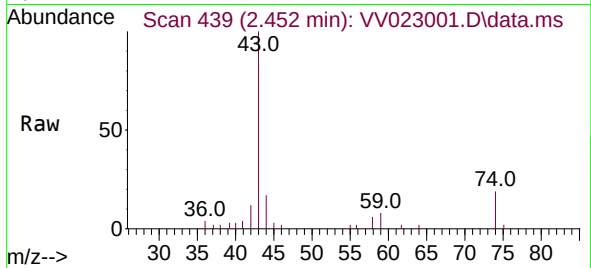




#15
Methyl Acetate
Concen: 3.333 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.013 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

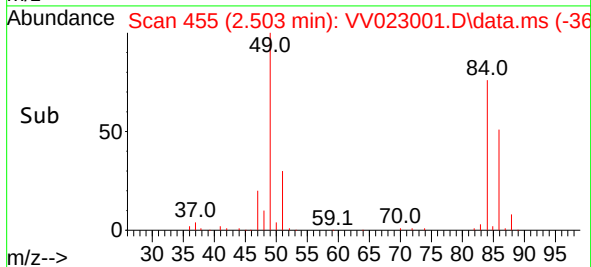
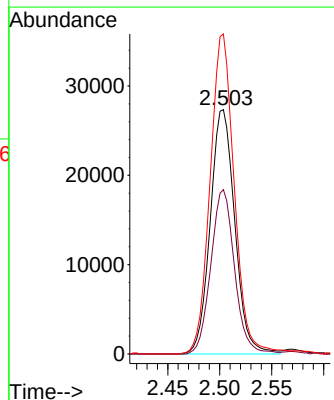
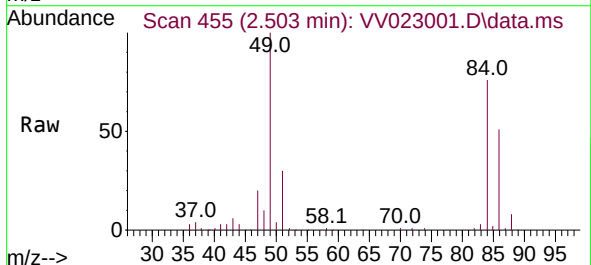
Instrument :
MSVOA_V
ClientSampleId :

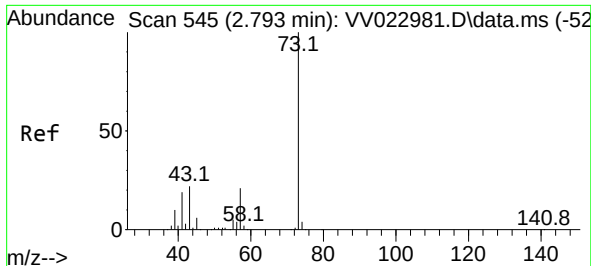
Tgt Ion: 43 Resp: 11690
Ion Ratio Lower Upper
43 100
74 28.1 22.2 33.2



#16
Methylene chloride
Concen: 5.978 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.013 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

Tgt Ion: 84 Resp: 45066
Ion Ratio Lower Upper
84 100
86 67.3 42.3 78.5
49 131.0 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 5.334 ug/L

RT: 2.780 min Scan# 54

Delta R.T. -0.013 min

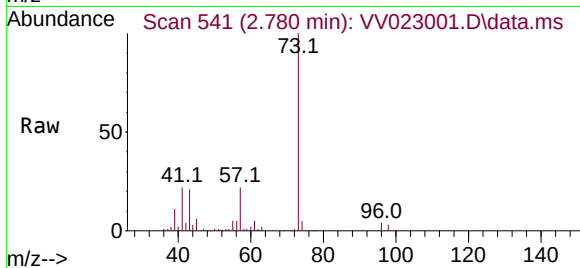
Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

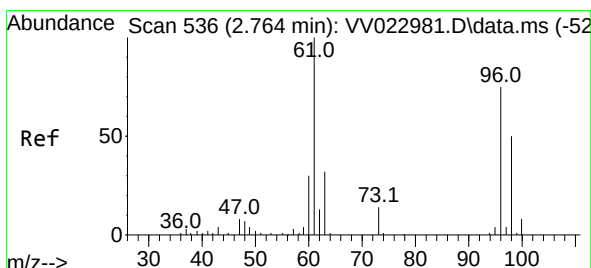
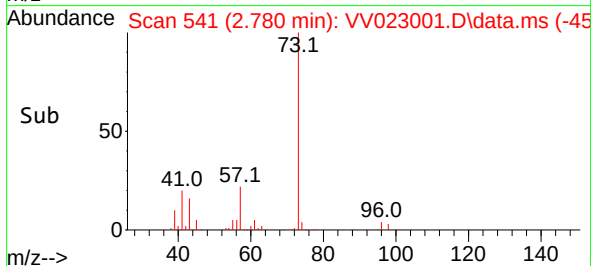
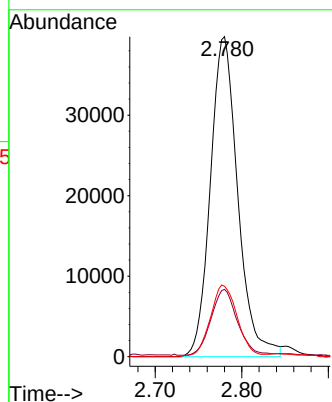
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	73	Resp:	87395
Ion	Ratio	Lower	Upper
73	100		
43	19.8	17.4	26.0
57	22.0	16.5	24.7



#18

trans-1,2-Dichloroethene

Concen: 5.527 ug/L

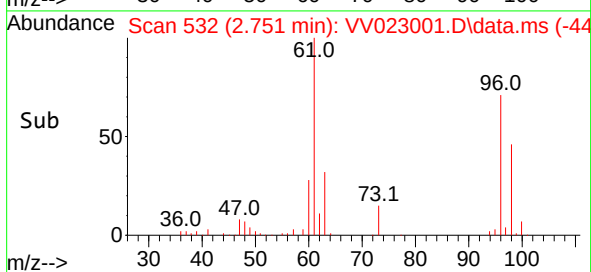
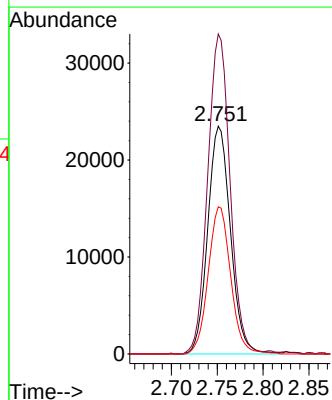
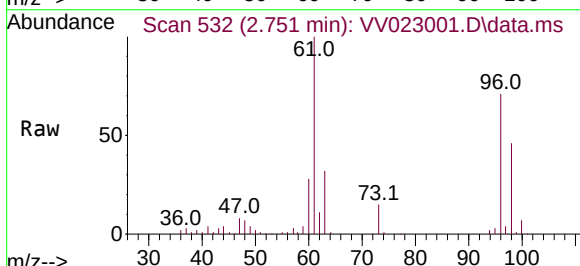
RT: 2.751 min Scan# 532

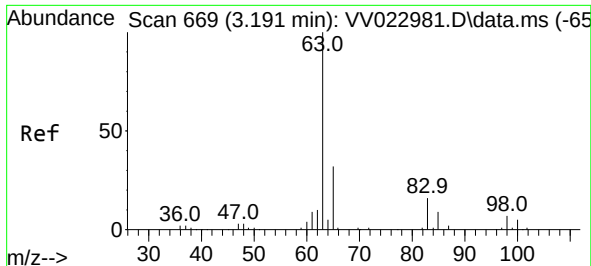
Delta R.T. -0.013 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Tgt Ion:	96	Resp:	40502
Ion	Ratio	Lower	Upper
96	100		
61	140.4	93.2	173.2
98	64.6	47.0	87.2





#19

1,1-Dichloroethane

Concen: 5.970 ug/L

RT: 3.182 min Scan# 60

Delta R.T. -0.009 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

ClientSampleId :

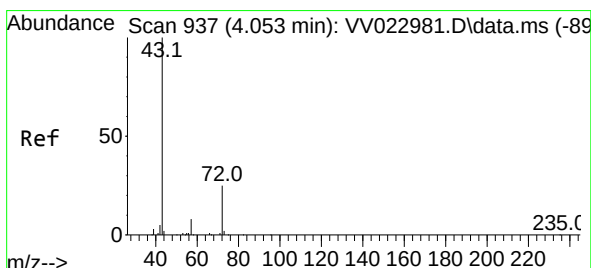
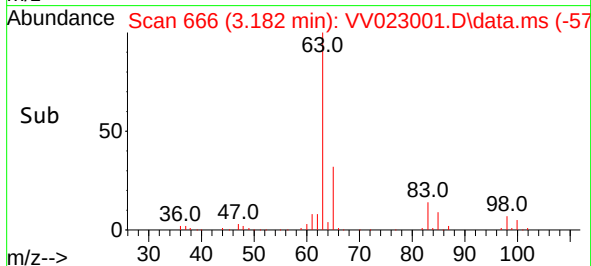
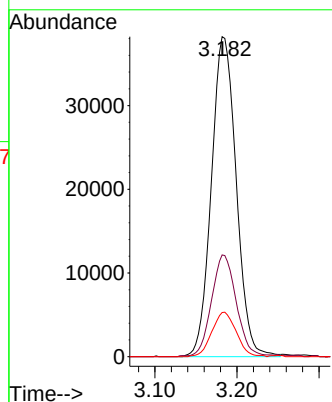
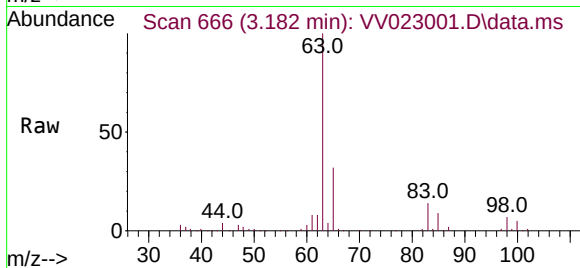
Tgt Ion: 63 Resp: 80373

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

83 13.8 11.1 20.7



#21

2-Butanone

Concen: 32.952 ug/L

RT: 4.037 min Scan# 932

Delta R.T. -0.016 min

Lab File: VV023001.D

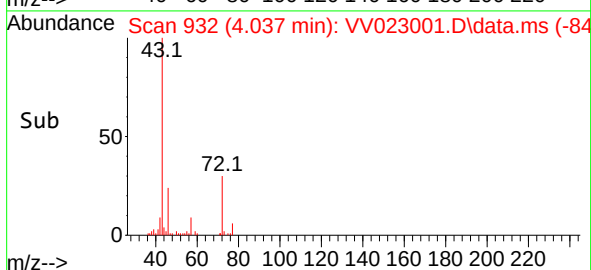
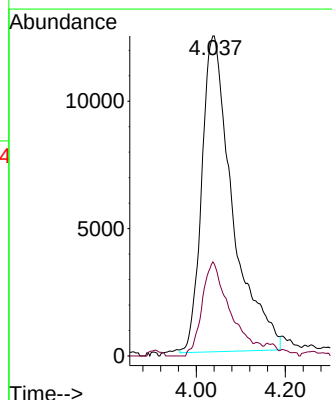
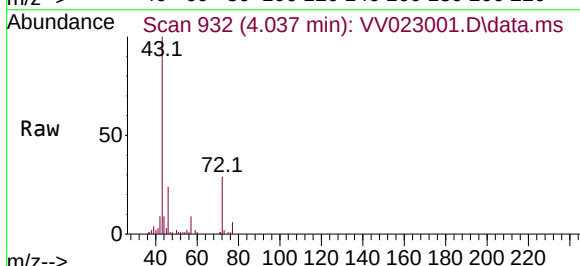
Acq: 22 Oct 2021 20:51

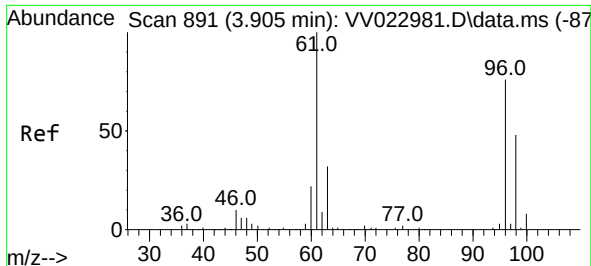
Tgt Ion: 43 Resp: 59474

Ion Ratio Lower Upper

43 100

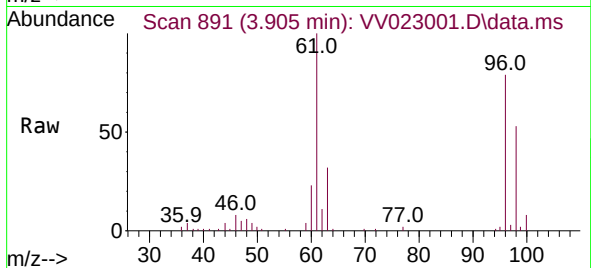
72 26.5 11.9 35.9



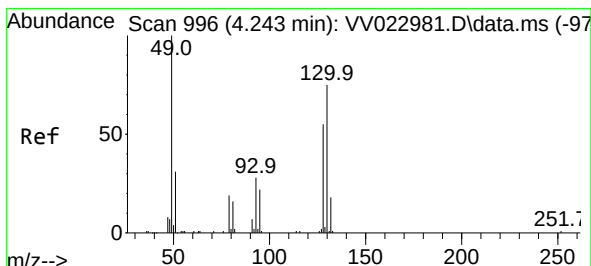
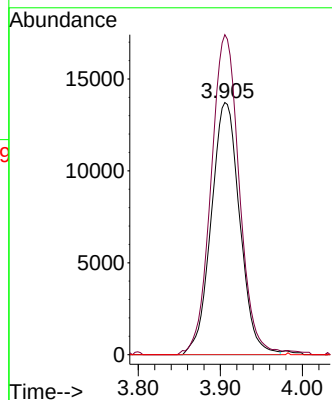
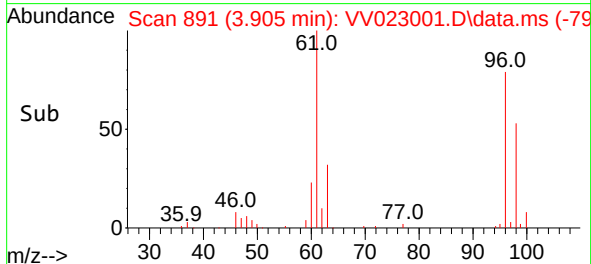


#22
 cis-1,2-Dichloroethene
 Concen: 3.993 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

Instrument :
 MSVOA_V
 ClientSampleId :

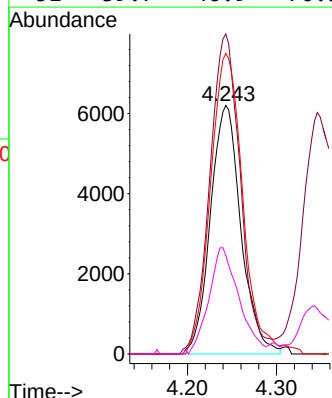
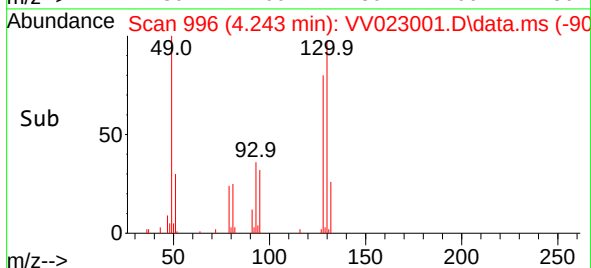
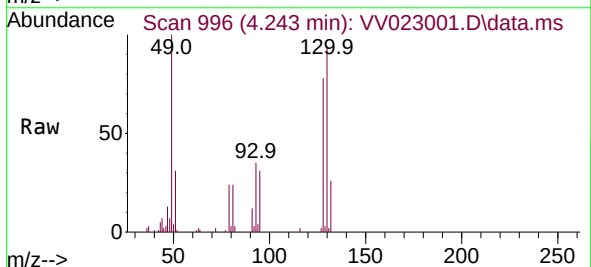


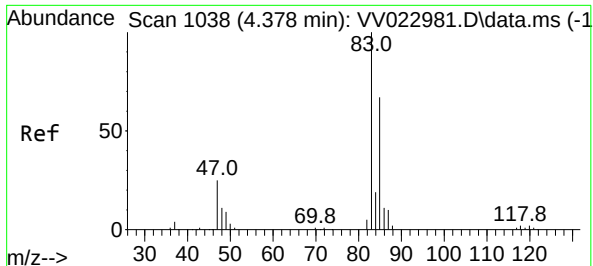
Tgt Ion: 96 Resp: 33177
 Ion Ratio Lower Upper
 96 100
 61 126.9 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 3.920 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

Tgt Ion: 128 Resp: 14783
 Ion Ratio Lower Upper
 128 100
 49 128.8 126.1 234.3
 130 120.9 95.2 176.8
 51 39.7 46.9 70.3#





#25

Chloroform

Concen: 3.546 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

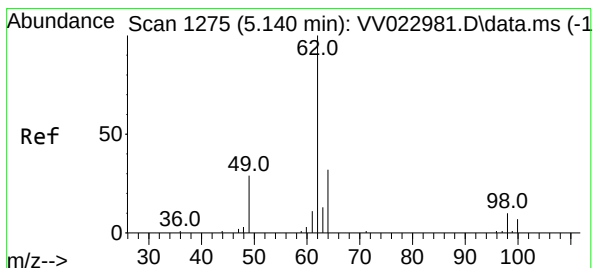
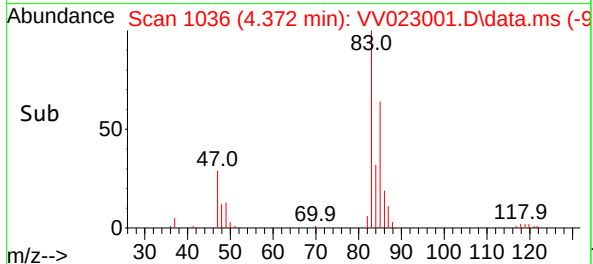
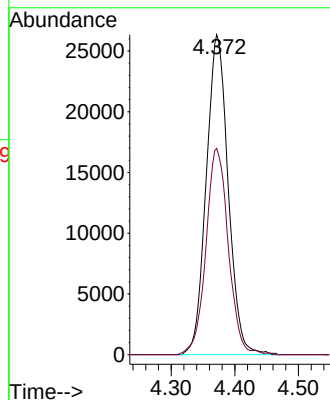
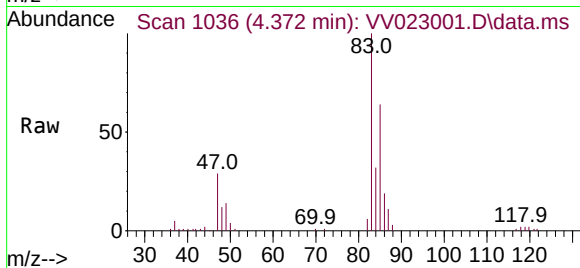
ClientSampleId :

Tgt Ion: 83 Resp: 63077

Ion Ratio Lower Upper

83 100

85 64.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.263 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VV023001.D

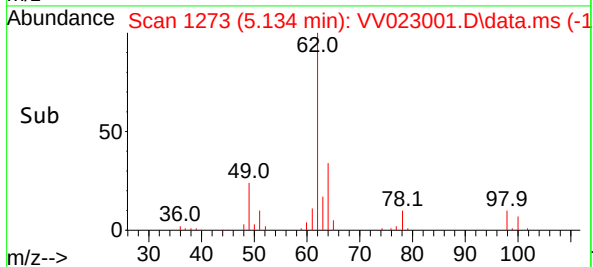
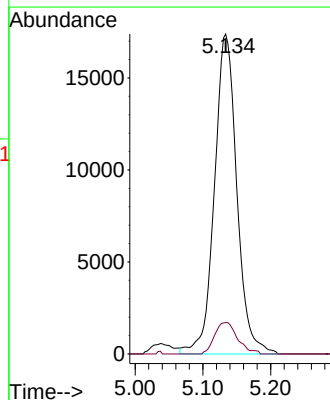
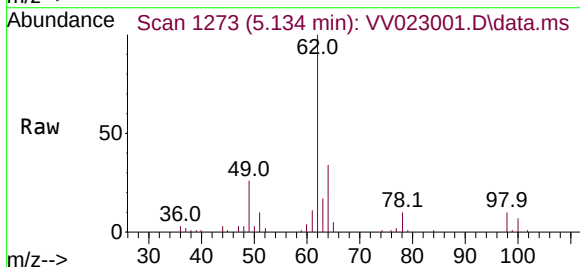
Acq: 22 Oct 2021 20:51

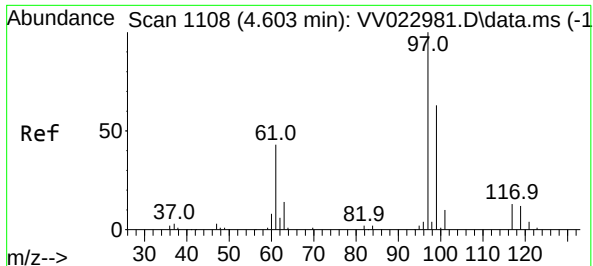
Tgt Ion: 62 Resp: 39997

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.129 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

ClientSampleId :

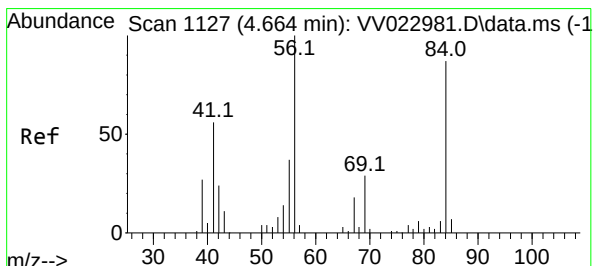
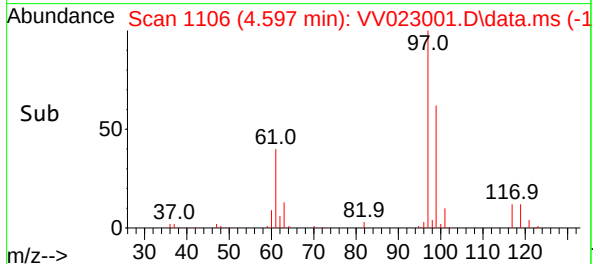
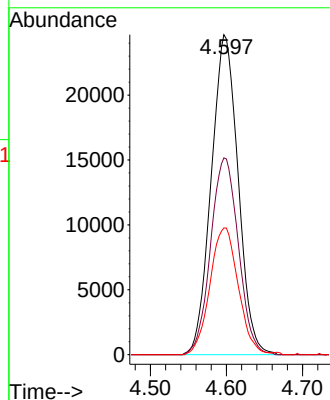
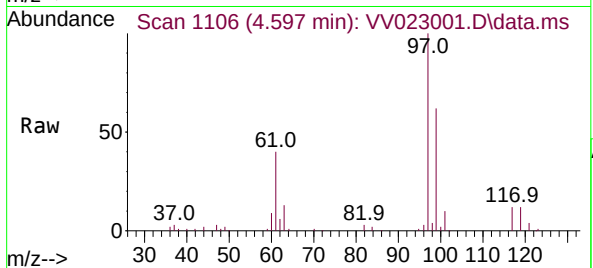
Tgt Ion: 97 Resp: 60537

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 41.8 34.1 51.1



#30

Cyclohexane

Concen: 3.397 ug/L

RT: 4.654 min Scan# 1124

Delta R.T. -0.009 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

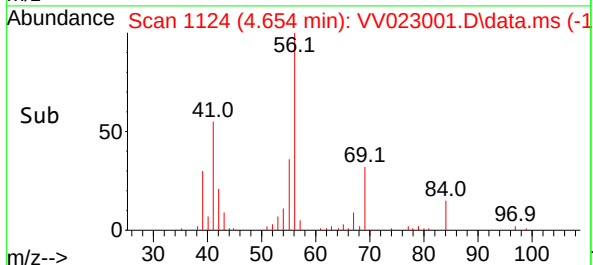
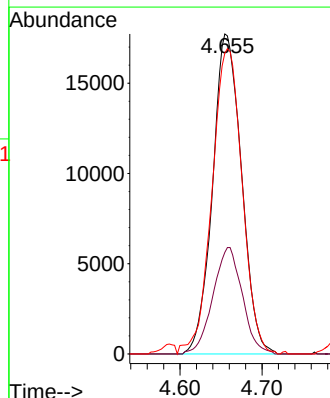
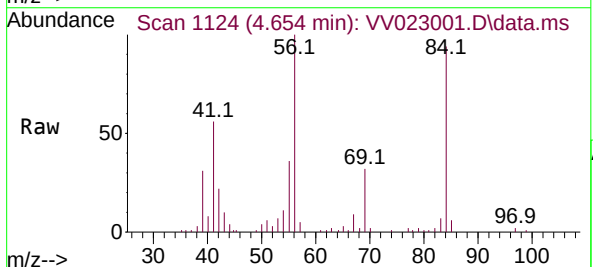
Tgt Ion: 56 Resp: 43488

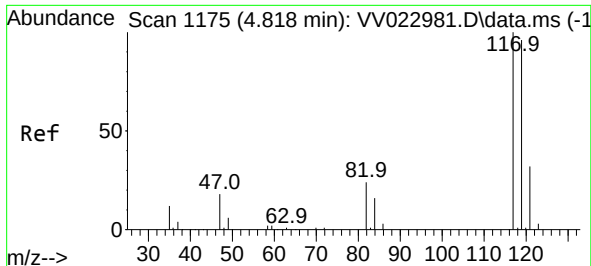
Ion Ratio Lower Upper

56 100

69 33.7 23.5 35.3

84 99.4 71.6 107.4

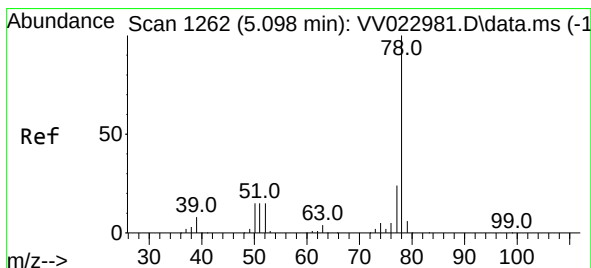
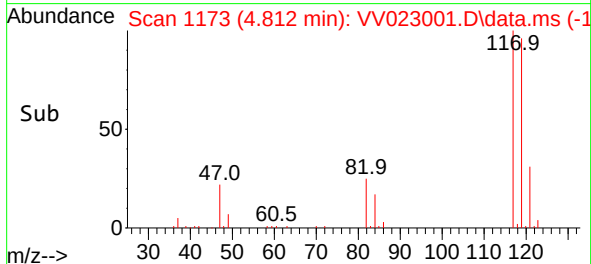
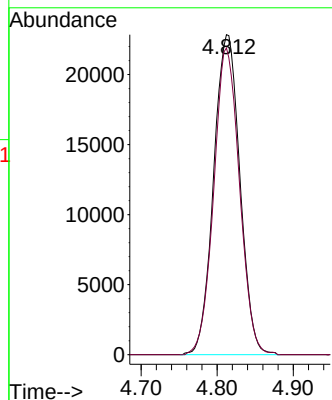
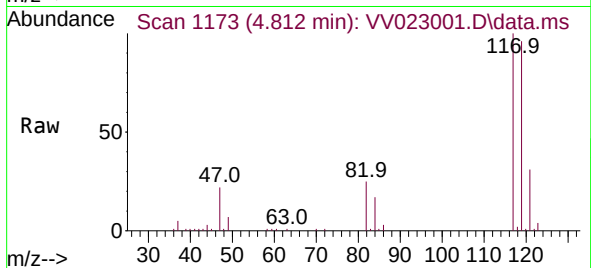




#31
Carbon tetrachloride
Concen: 4.335 ug/L
RT: 4.812 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

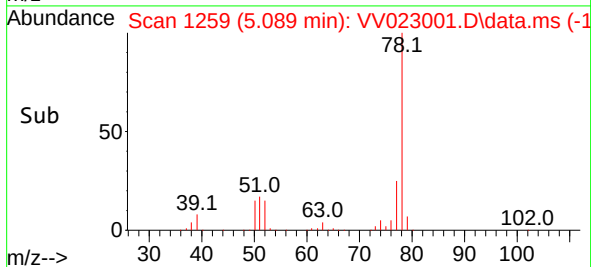
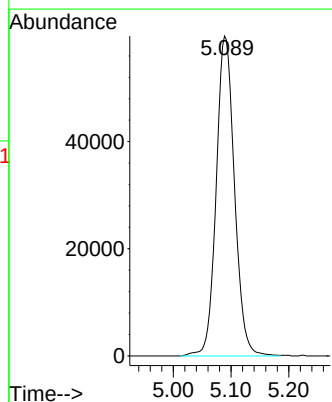
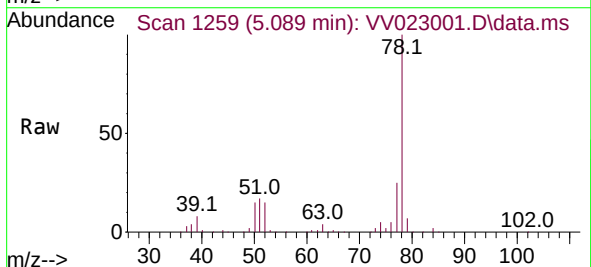
Instrument :
MSVOA_V
ClientSampleId :

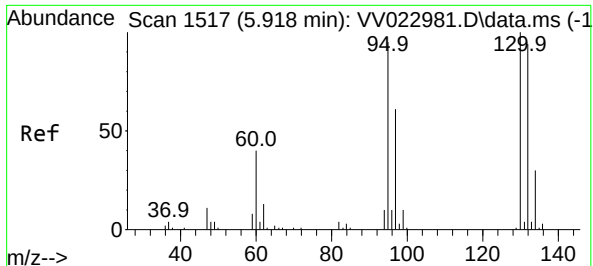
Tgt Ion:117 Resp: 54692
Ion Ratio Lower Upper
117 100
119 94.1 78.8 118.2



#33
Benzene
Concen: 3.758 ug/L
RT: 5.089 min Scan# 1259
Delta R.T. -0.009 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

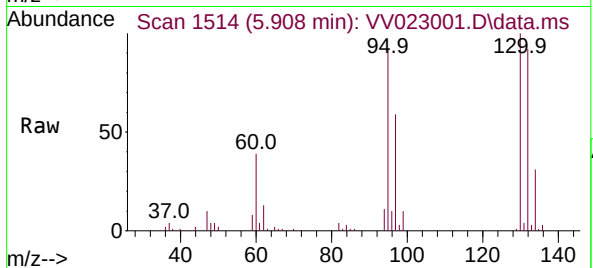
Tgt Ion: 78 Resp: 131193





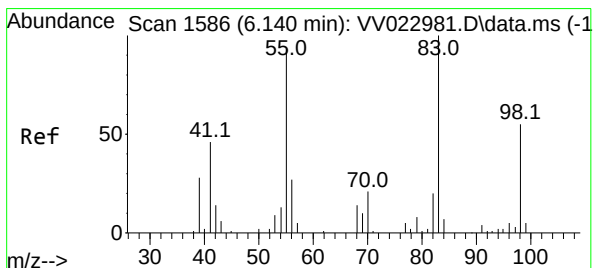
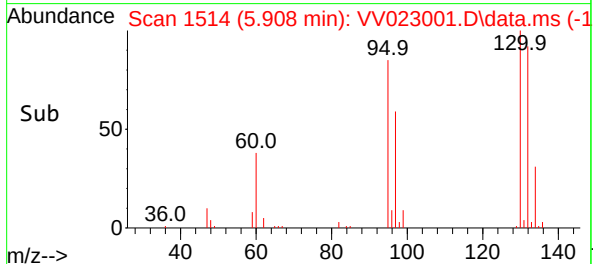
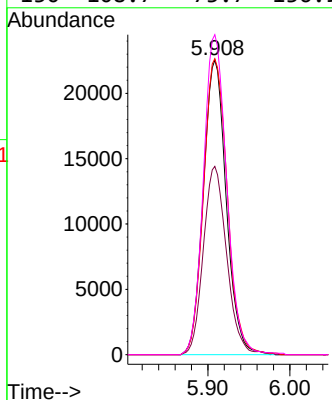
#34
Trichloroethene
Concen: 4.985 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.009 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 43720

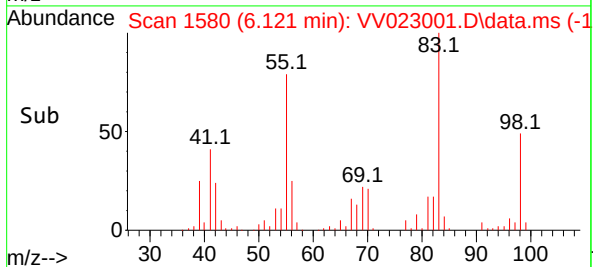
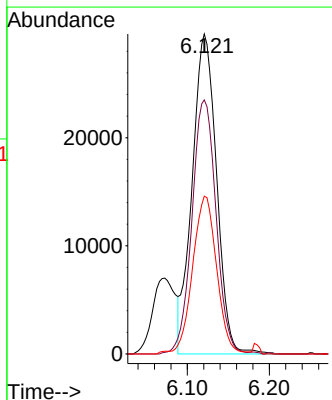
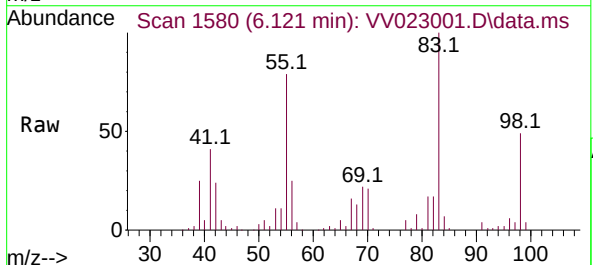
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.0	83.6
132	100.5	69.7	129.4
130	108.7	73.7	136.9

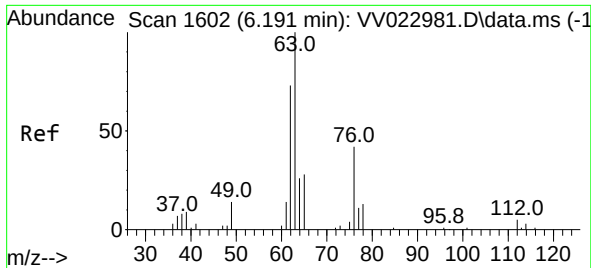


#35
Methylcyclohexane
Concen: 4.872 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.019 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

Tgt Ion: 83 Resp: 61185

Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.8	94.2
98	48.6	37.9	56.9





#37

1,2-Dichloropropane

Concen: 5.125 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.016 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

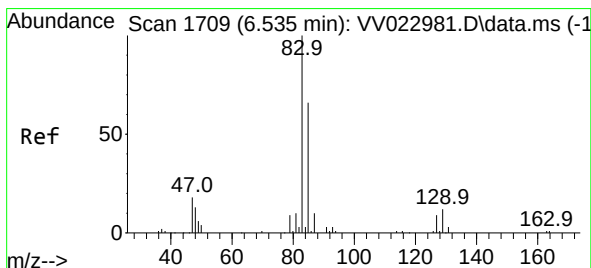
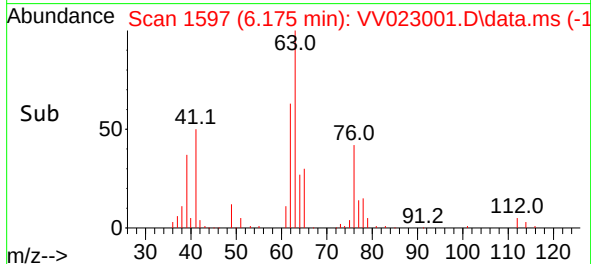
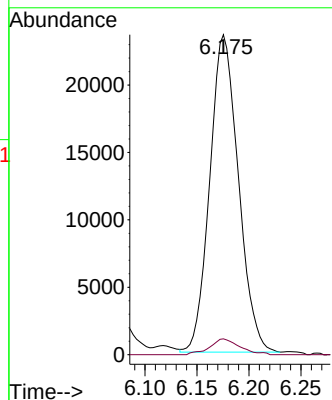
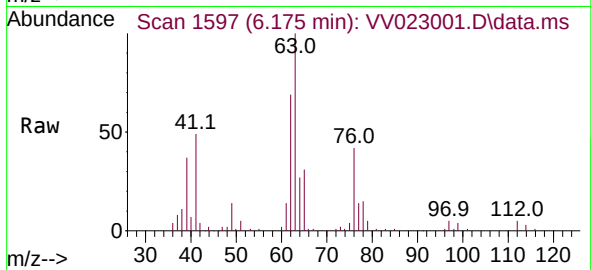
ClientSampleId :

Tgt Ion: 63 Resp: 45100

Ion Ratio Lower Upper

63 100

112 5.2 4.6 6.8



#38

Bromodichloromethane

Concen: 5.082 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.026 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

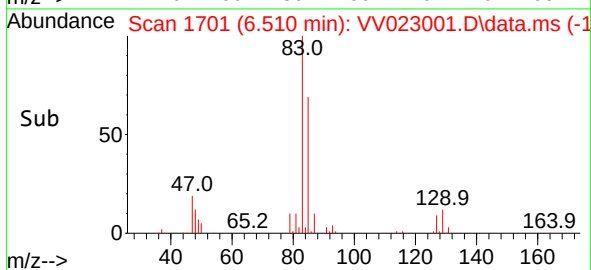
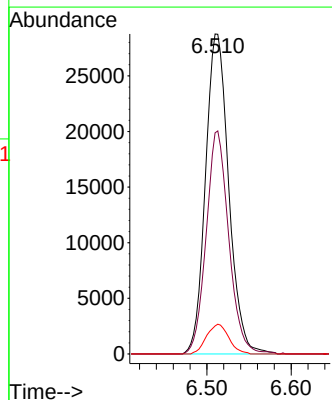
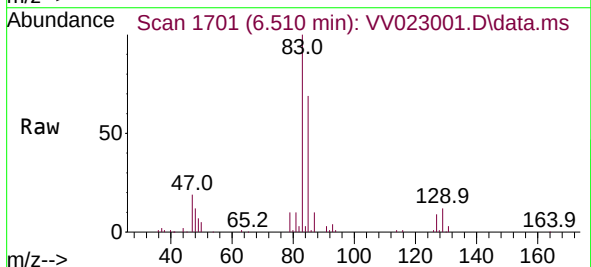
Tgt Ion: 83 Resp: 55164

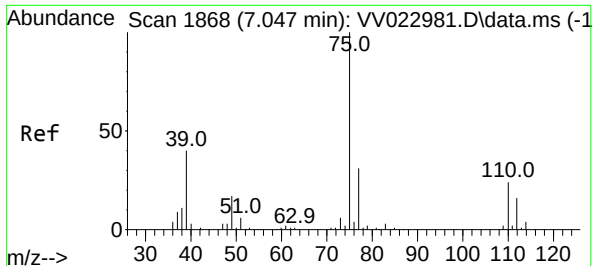
Ion Ratio Lower Upper

83 100

85 69.1 46.1 85.7

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.028 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. -0.016 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

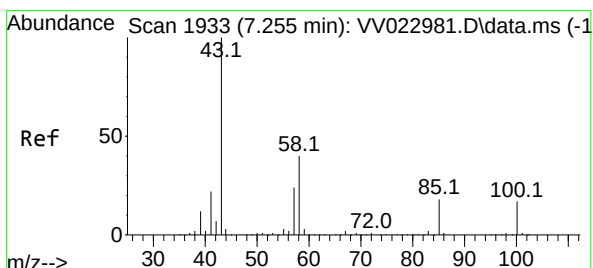
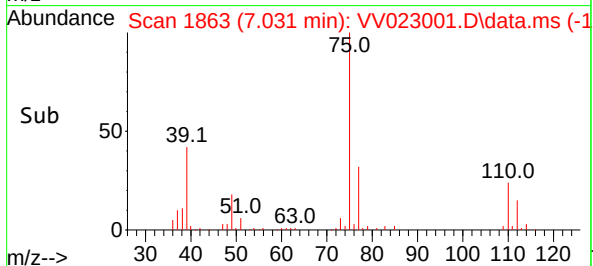
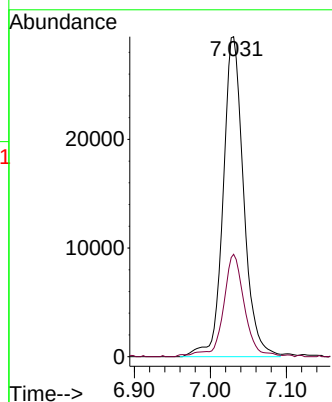
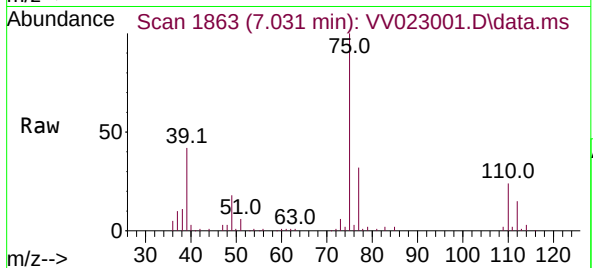
ClientSampleId :

Tgt Ion: 75 Resp: 55092

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 55.111 ug/L

RT: 7.249 min Scan# 1931

Delta R.T. -0.006 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

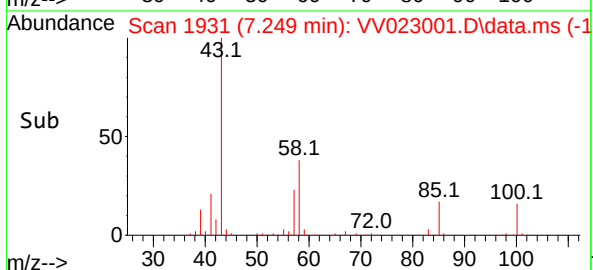
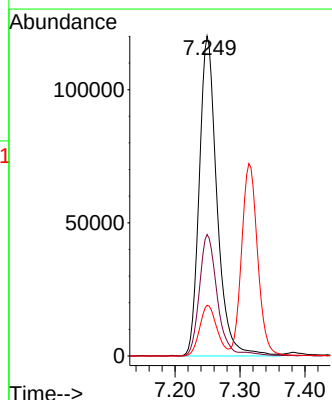
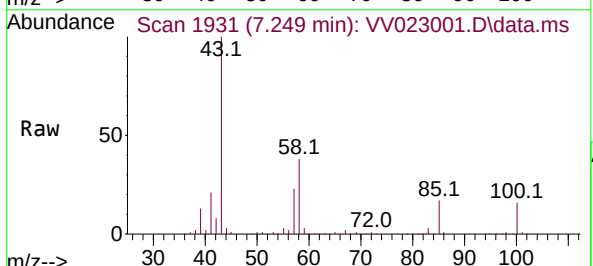
Tgt Ion: 43 Resp: 228307

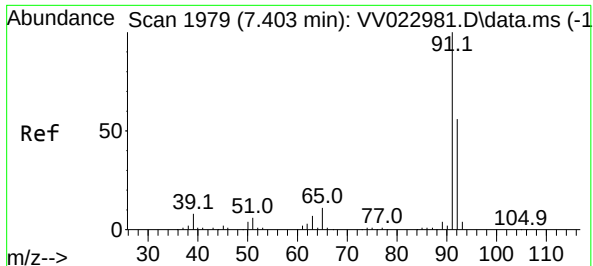
Ion Ratio Lower Upper

43 100

58 37.6 31.1 46.7

100 15.5 12.6 19.0

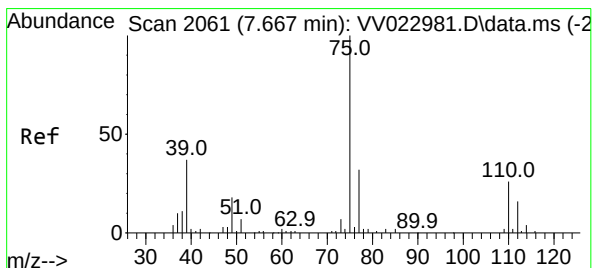
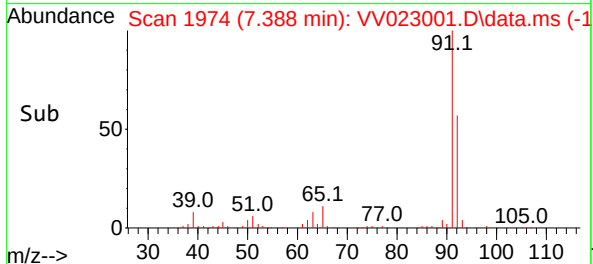
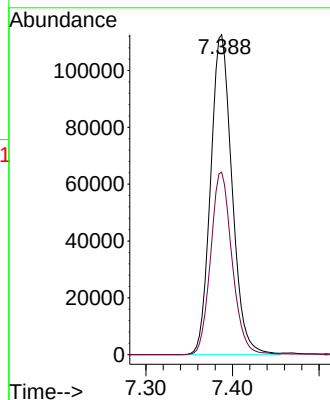
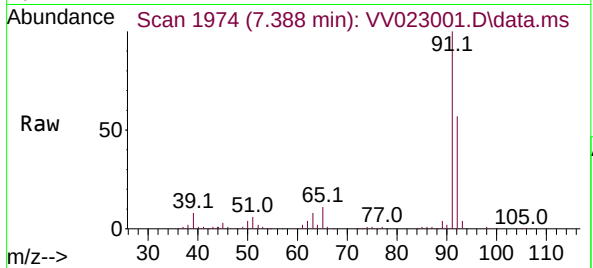




#42
Toluene
Concen: 5.473 ug/L
RT: 7.388 min Scan# 1979
Delta R.T. -0.016 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

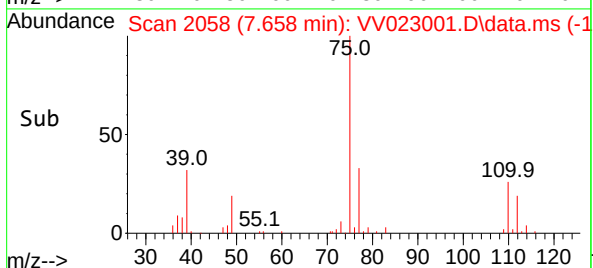
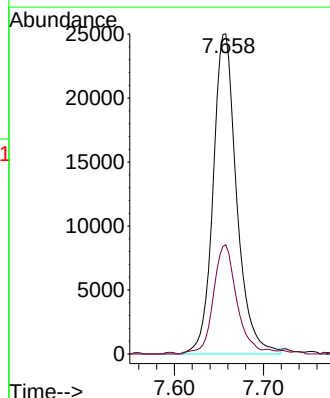
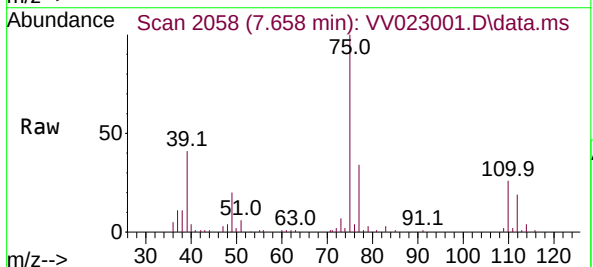
Instrument :
MSVOA_V
ClientSampleId :

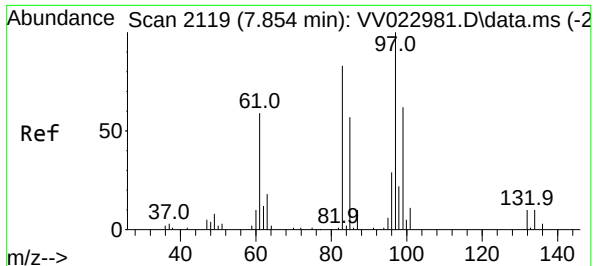
Tgt Ion: 91 Resp: 193629
Ion Ratio Lower Upper
91 100
92 57.0 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 5.071 ug/L
RT: 7.658 min Scan# 2058
Delta R.T. -0.009 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

Tgt Ion: 75 Resp: 45971
Ion Ratio Lower Upper
75 100
77 34.1 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.116 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. -0.009 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 31494

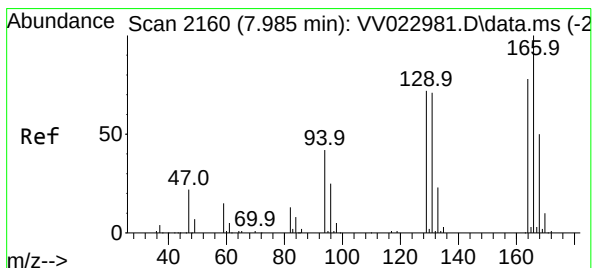
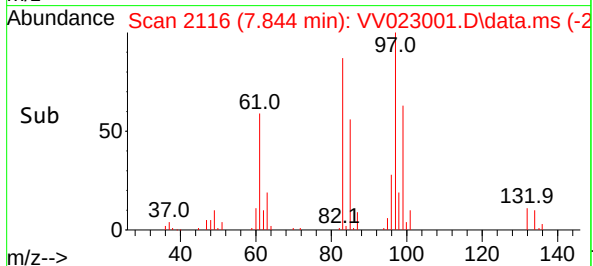
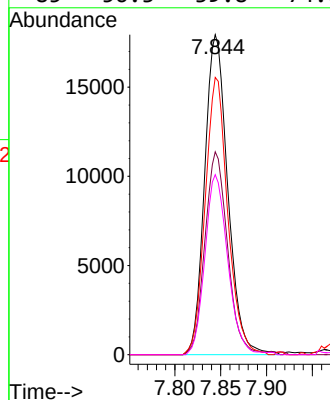
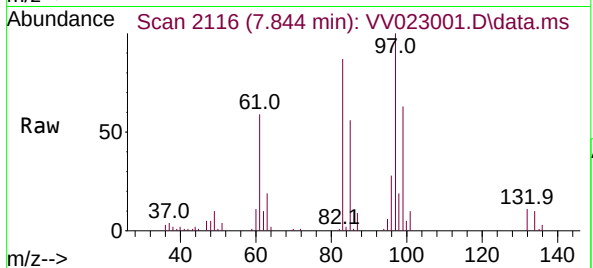
Ion Ratio Lower Upper

97 100

99 63.4 43.6 81.0

83 86.7 58.4 108.4

85 56.3 39.8 74.0



#47

Tetrachloroethene

Concen: 5.074 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.013 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Tgt Ion: 164 Resp: 37600

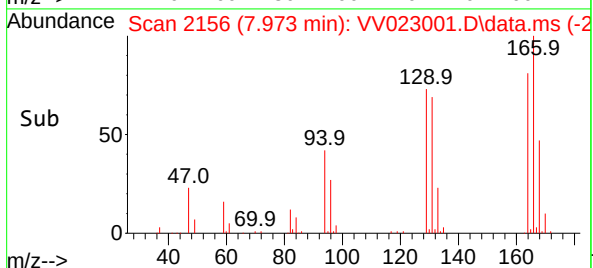
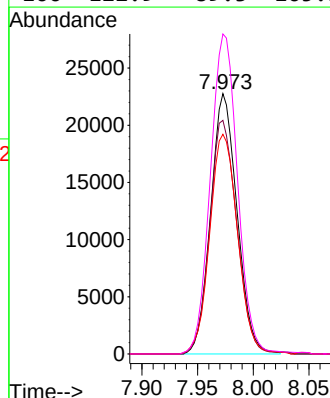
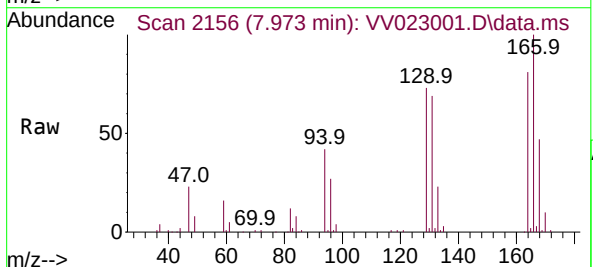
Ion Ratio Lower Upper

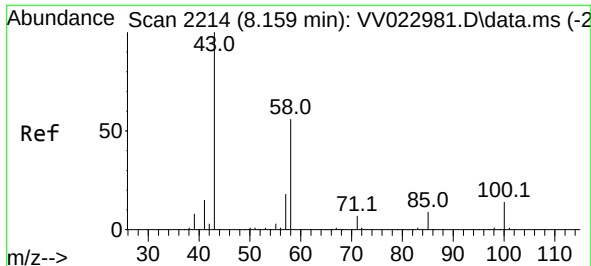
164 100

129 89.7 64.0 119.0

131 84.4 63.4 117.8

166 122.9 89.3 165.9

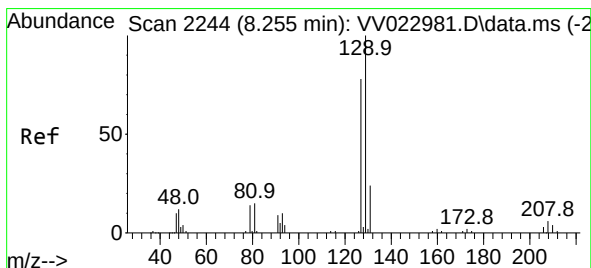
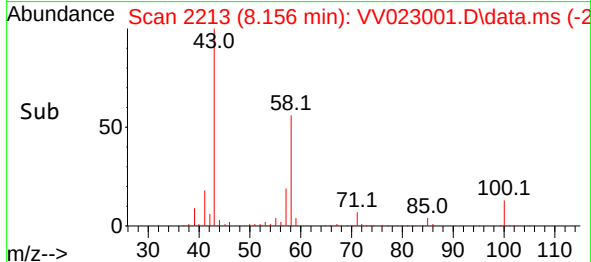
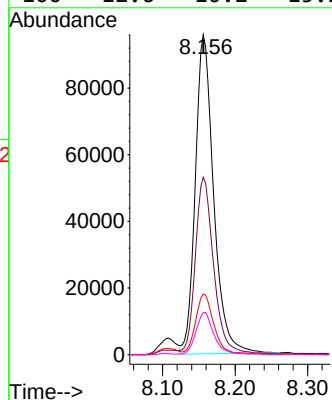
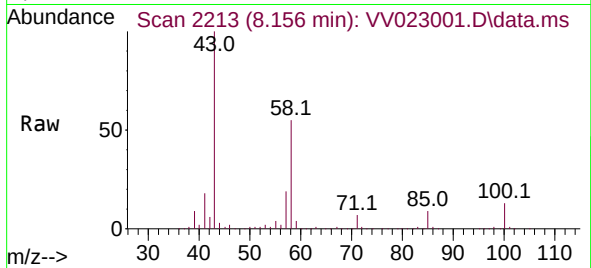




#48
2-Hexanone
Concen: 54.791 ug/L
RT: 8.156 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

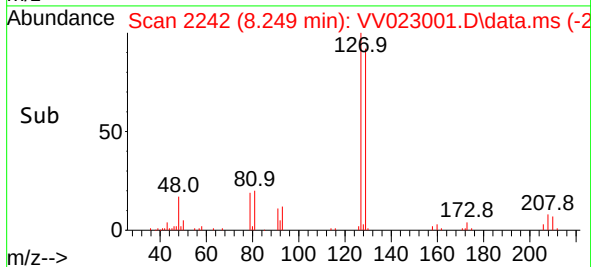
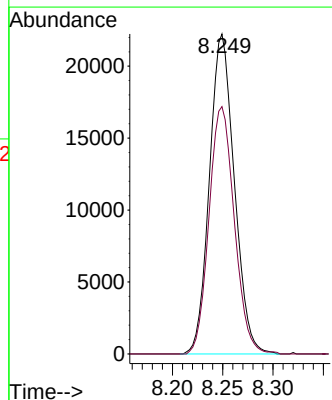
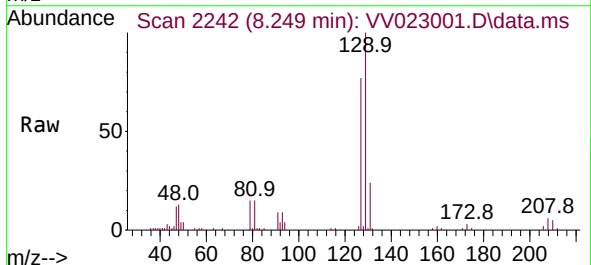
Instrument :
MSVOA_V
ClientSampleId :

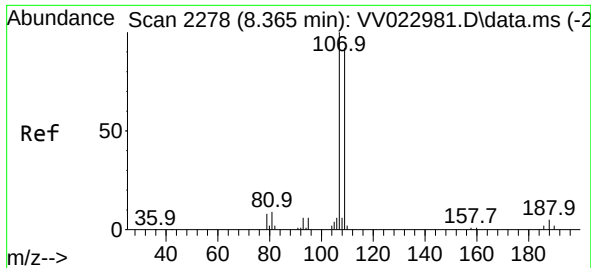
Tgt Ion: 43 Resp: 168492
Ion Ratio Lower Upper
43 100
58 55.5 43.7 65.5
57 18.6 14.1 21.1
100 12.6 10.2 15.2



#49
Dibromochloromethane
Concen: 5.224 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.006 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

Tgt Ion:129 Resp: 38263
Ion Ratio Lower Upper
129 100
127 77.3 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.263 ug/L

RT: 8.355 min Scan# 2439

Delta R.T. -0.009 min

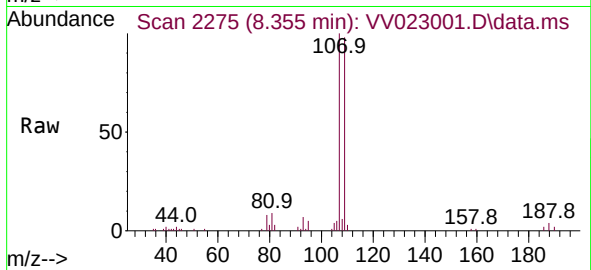
Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

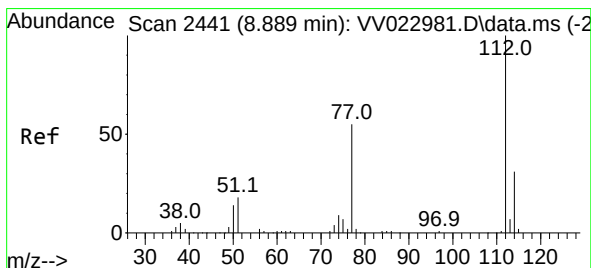
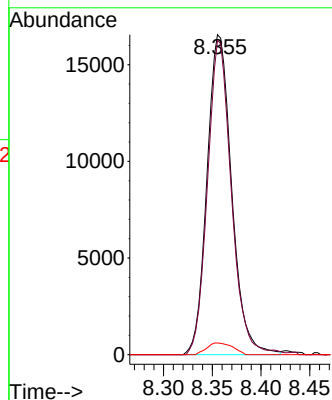
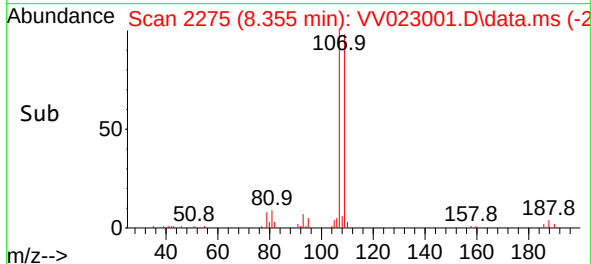
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	29167
Ion	Ratio	Lower	Upper
107	100		
109	98.1	64.7	120.1
188	3.6	3.6	5.4



#51

Chlorobenzene

Concen: 5.182 ug/L

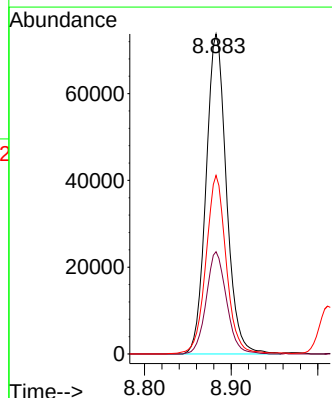
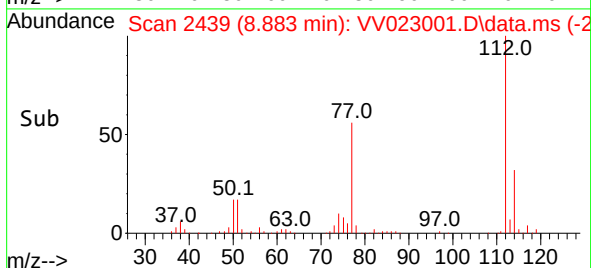
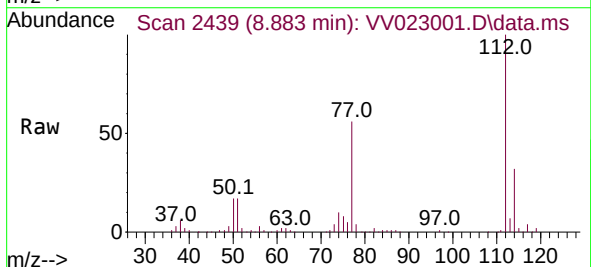
RT: 8.883 min Scan# 2439

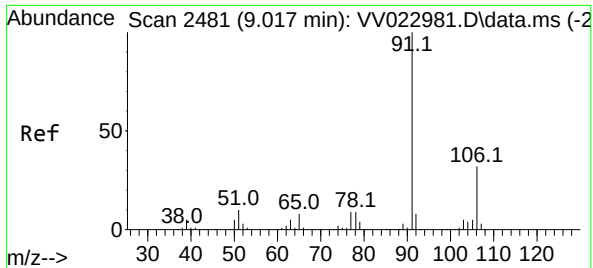
Delta R.T. -0.006 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Tgt Ion:	112	Resp:	120444
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	55.8	44.4	66.6





#52

Ethylbenzene

Concen: 5.071 ug/L

RT: 9.011 min Scan# 24

Delta R.T. -0.006 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

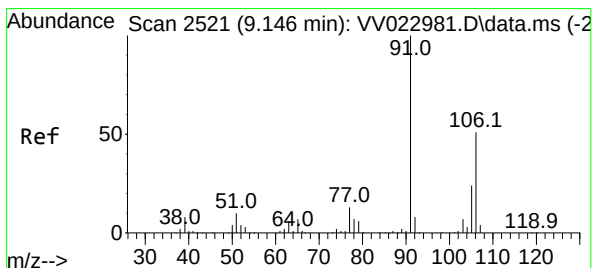
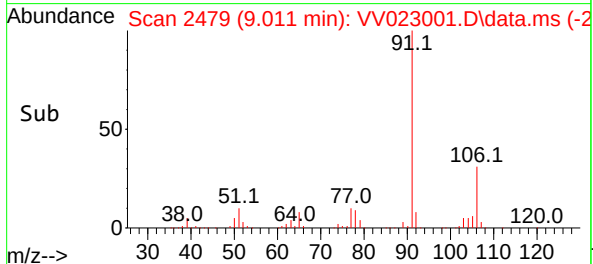
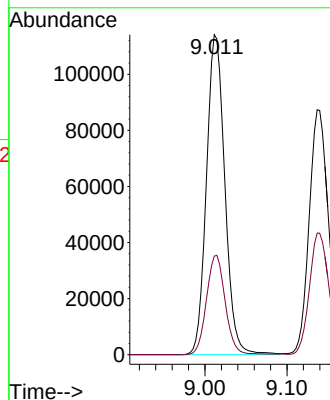
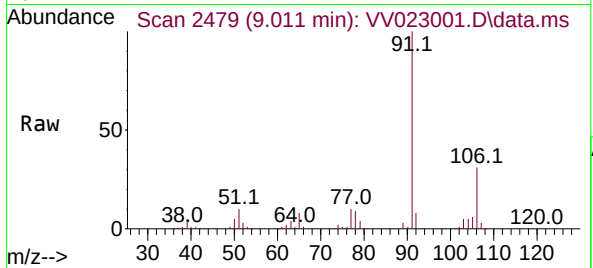
ClientSampleId :

Tgt Ion: 91 Resp: 178063

Ion Ratio Lower Upper

91 100

106 30.8 22.5 41.9



#53

m,p-xylene

Concen: 5.093 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.009 min

Lab File: VV023001.D

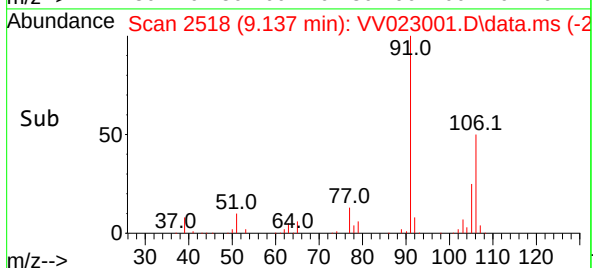
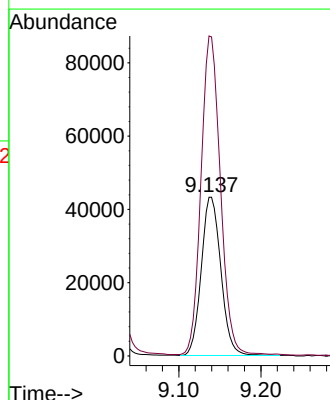
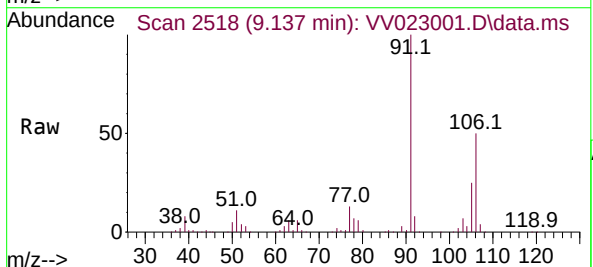
Acq: 22 Oct 2021 20:51

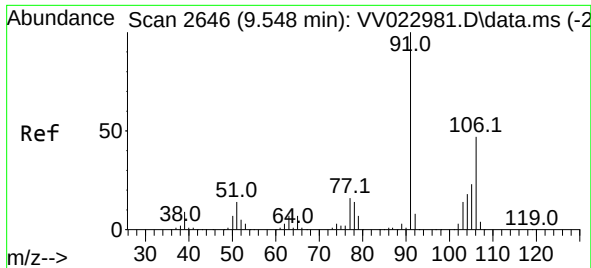
Tgt Ion: 106 Resp: 71718

Ion Ratio Lower Upper

106 100

91 201.5 137.2 254.8

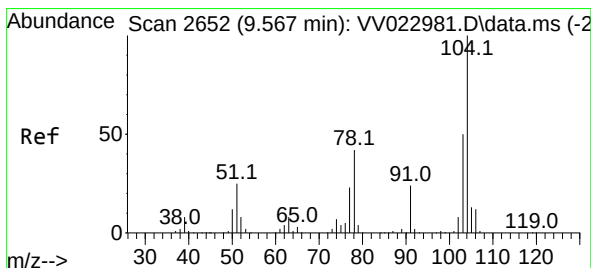
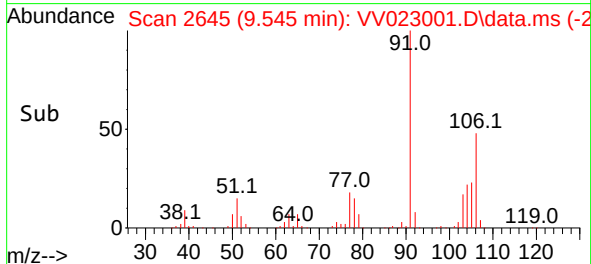
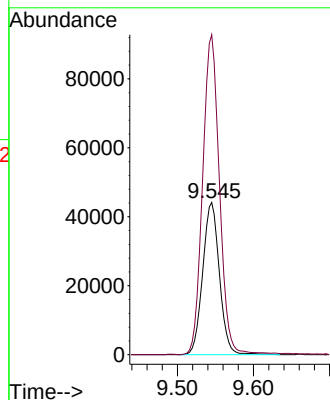
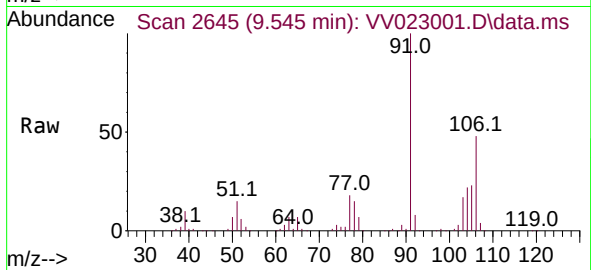




#54
o-xylene
Concen: 5.084 ug/L
RT: 9.545 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

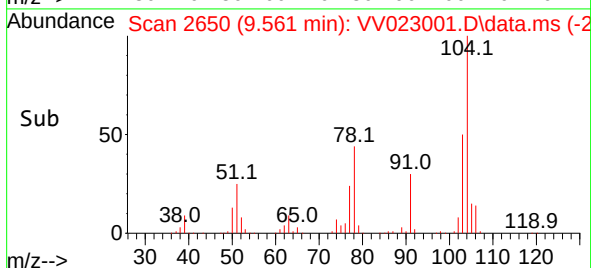
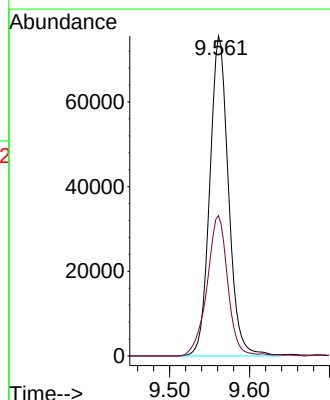
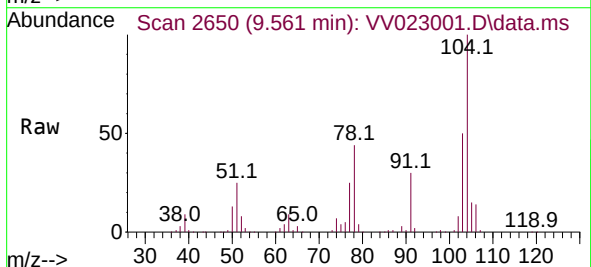
Instrument :
MSVOA_V
ClientSampleId :

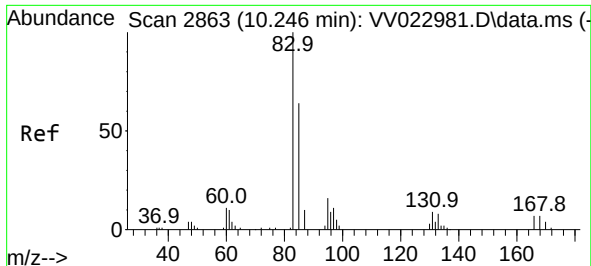
Tgt Ion:106 Resp: 67398
Ion Ratio Lower Upper
106 100
91 210.3 148.3 275.5



#55
Styrene
Concen: 5.372 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.006 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

Tgt Ion:104 Resp: 122980
Ion Ratio Lower Upper
104 100
78 43.9 29.3 54.3

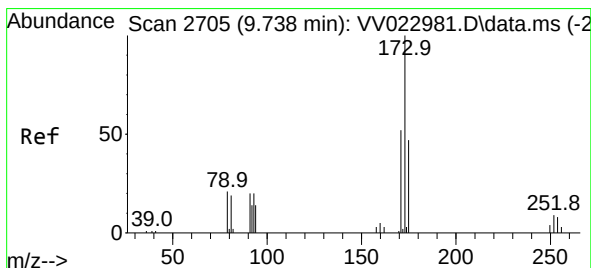
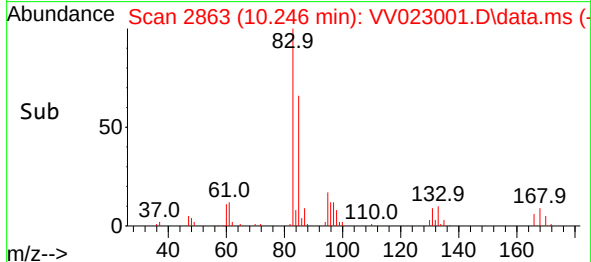
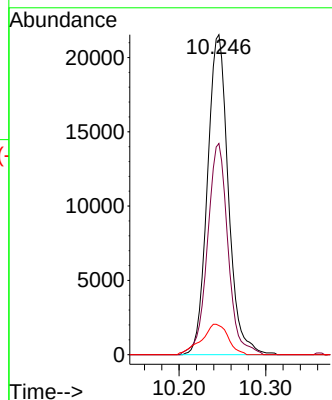
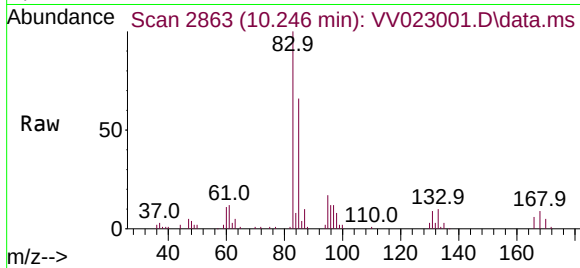




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.239 ug/L
 RT: 10.246 min Scan# 2863
 Delta R.T. 0.000 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

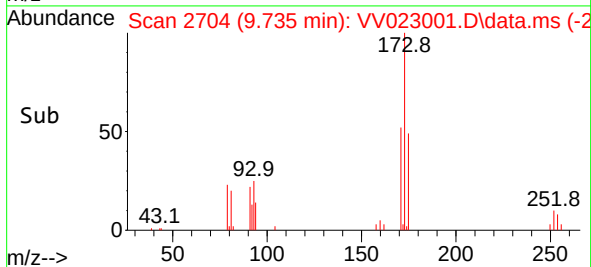
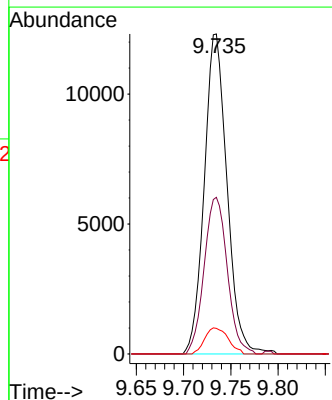
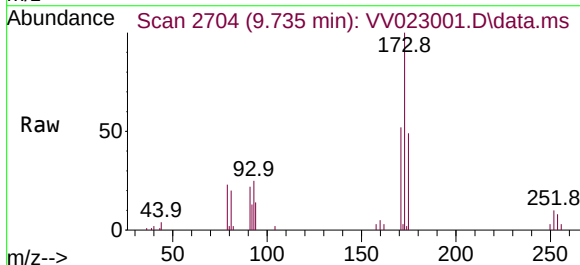
Instrument :
 MSVOA_V
 ClientSampleId :

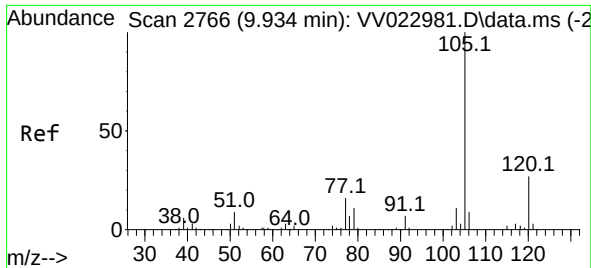
Tgt Ion: 83 Resp: 36049
 Ion Ratio Lower Upper
 83 100
 85 66.0 45.1 83.9
 131 9.1 7.8 11.6



#59
 Bromoform
 Concen: 4.893 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. -0.003 min
 Lab File: VV023001.D
 Acq: 22 Oct 2021 20:51

Tgt Ion: 173 Resp: 20588
 Ion Ratio Lower Upper
 173 100
 175 49.7 38.2 57.2
 254 8.4 6.2 9.2

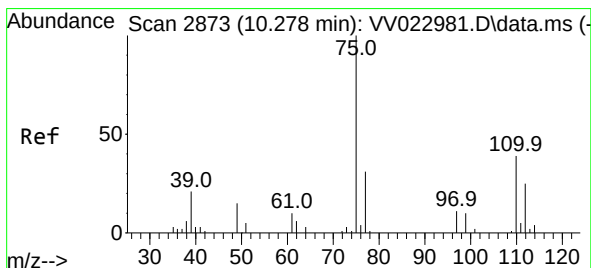
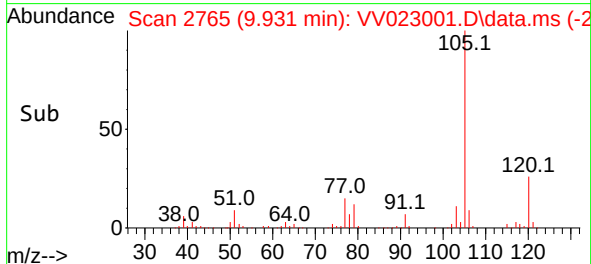
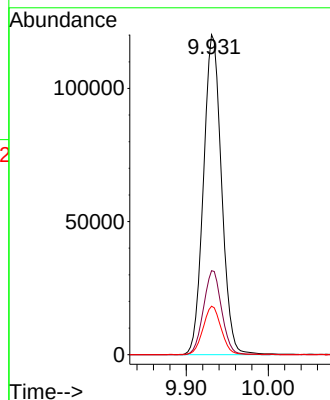
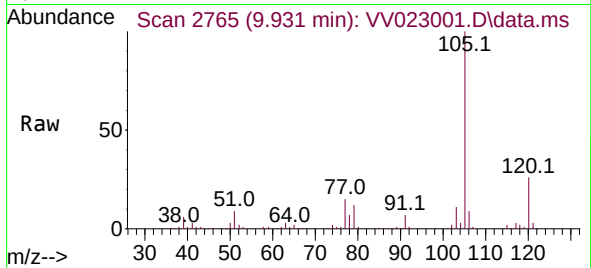




#60
Isopropylbenzene
Concen: 5.054 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

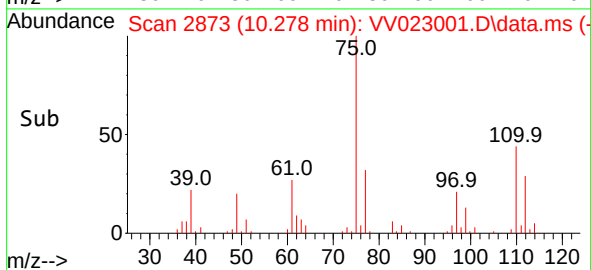
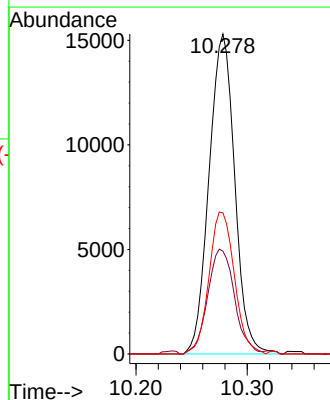
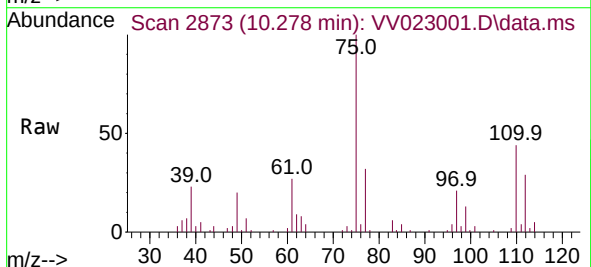
Instrument :
MSVOA_V
ClientSampleId :

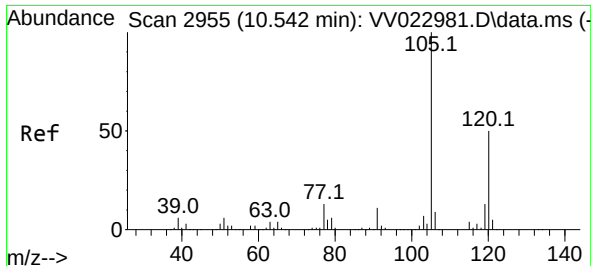
Tgt Ion:105 Resp: 184538
Ion Ratio Lower Upper
105 100
120 26.4 21.7 32.5
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.816 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV023001.D
Acq: 22 Oct 2021 20:51

Tgt Ion: 75 Resp: 24473
Ion Ratio Lower Upper
75 100
77 34.3 26.6 39.8
110 43.9 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.806 ug/L

RT: 10.539 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

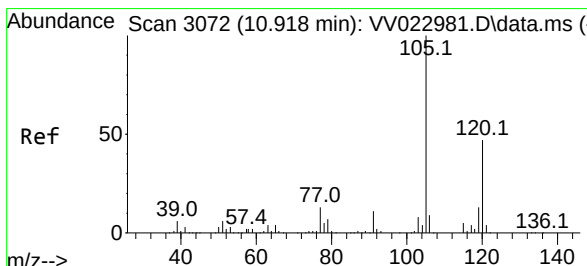
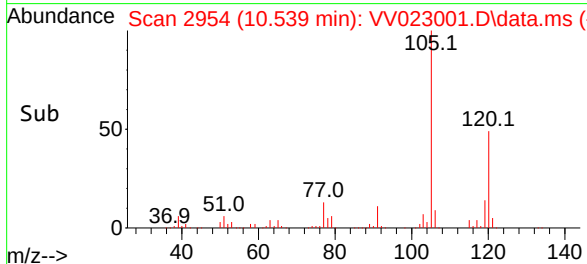
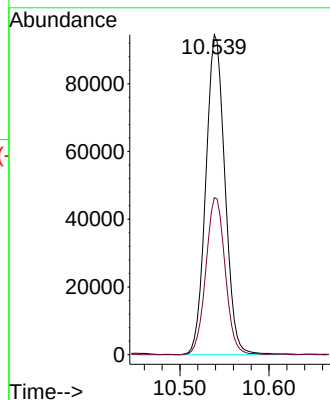
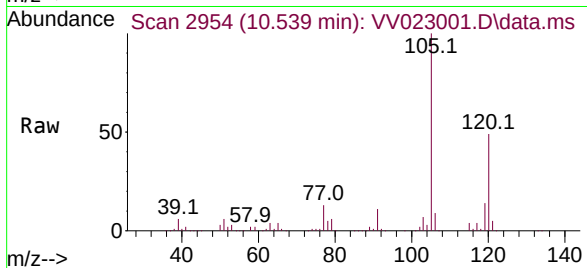
ClientSampleId :

Tgt Ion:105 Resp: 140969

Ion Ratio Lower Upper

105 100

120 49.5 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.982 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.003 min

Lab File: VV023001.D

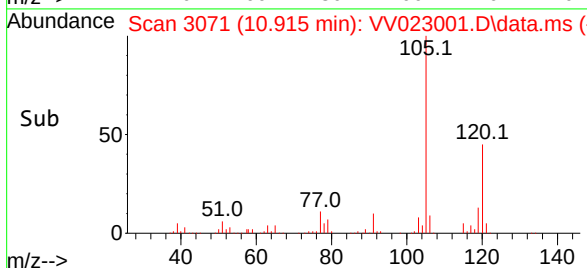
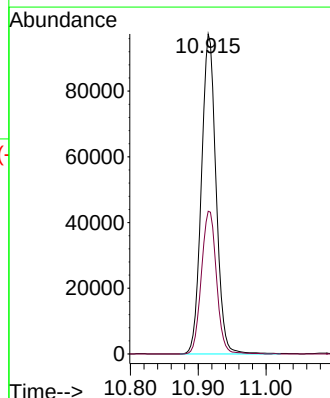
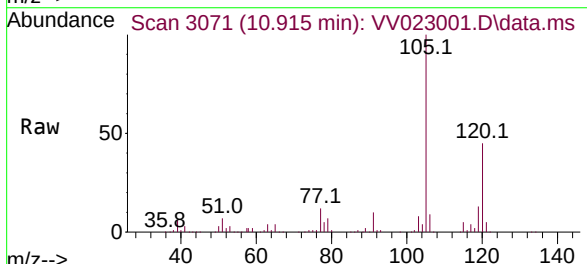
Acq: 22 Oct 2021 20:51

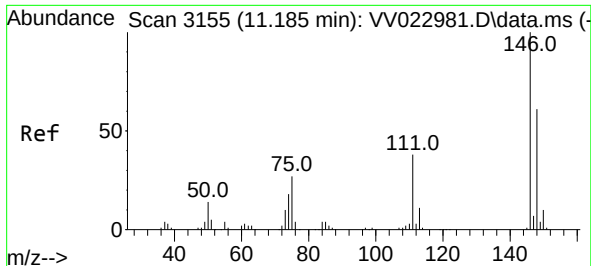
Tgt Ion:105 Resp: 145857

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 5.134 ug/L

RT: 11.182 min Scan# 3155

Delta R.T. -0.003 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

ClientSampleId :

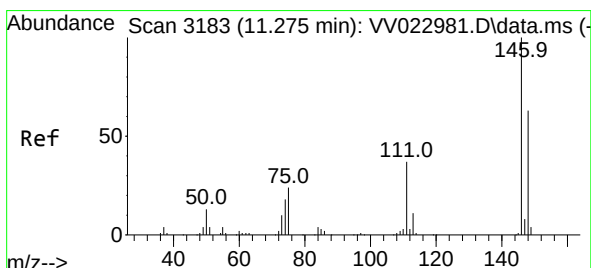
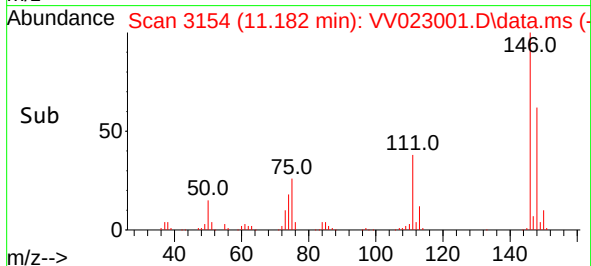
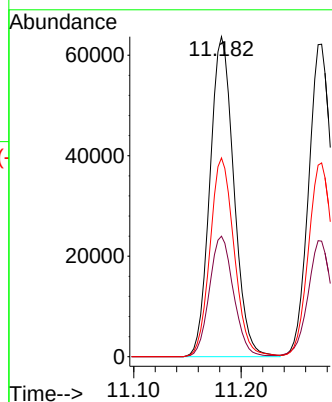
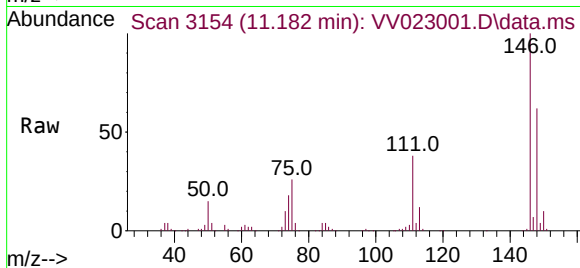
Tgt Ion:146 Resp: 98643

Ion Ratio Lower Upper

146 100

111 37.7 26.7 49.7

148 62.1 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 4.958 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

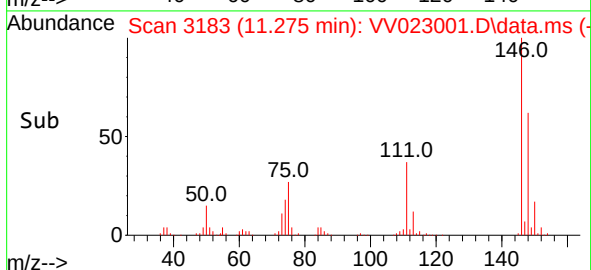
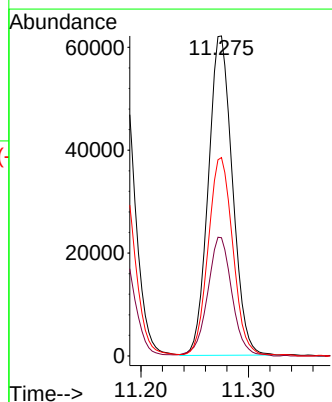
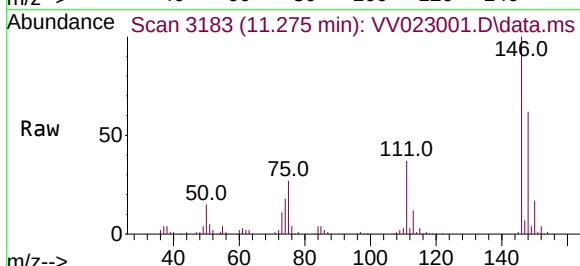
Tgt Ion:146 Resp: 96776

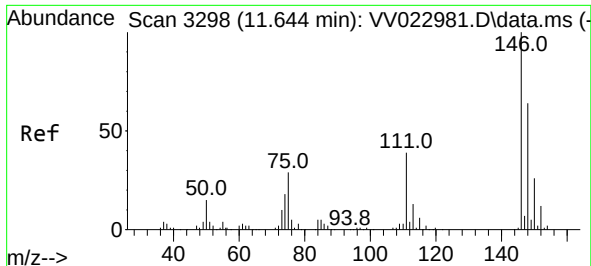
Ion Ratio Lower Upper

146 100

111 37.0 26.2 48.8

148 62.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 5.035 ug/L

RT: 11.645 min Scan# 3298

Delta R.T. 0.000 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

ClientSampleId :

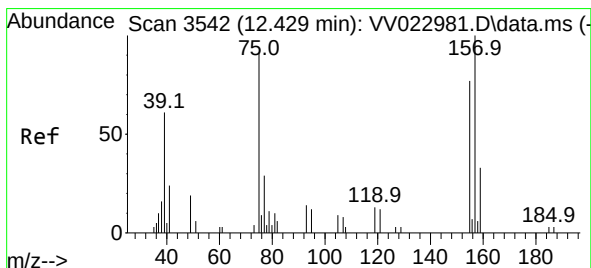
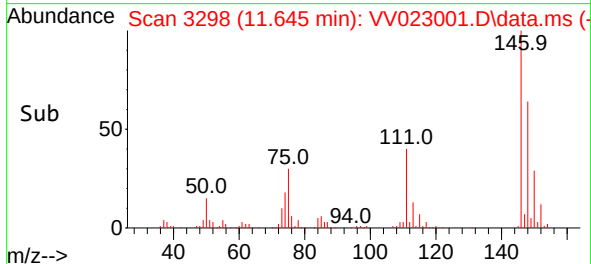
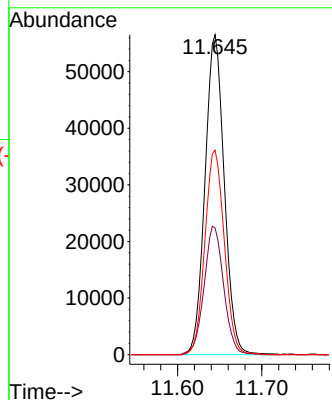
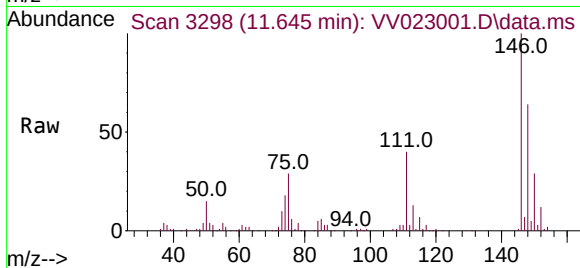
Tgt Ion:146 Resp: 90062

Ion Ratio Lower Upper

146 100

111 39.6 31.6 47.4

148 63.9 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.804 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

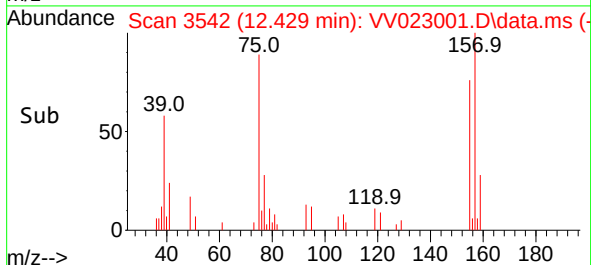
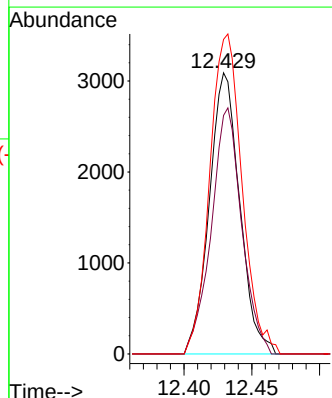
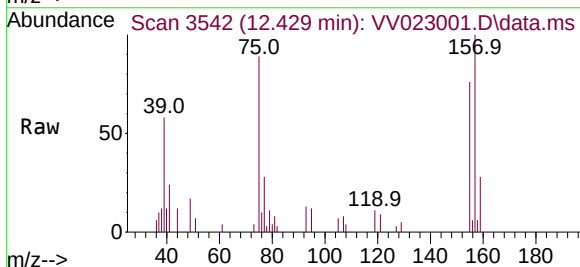
Tgt Ion: 75 Resp: 4817

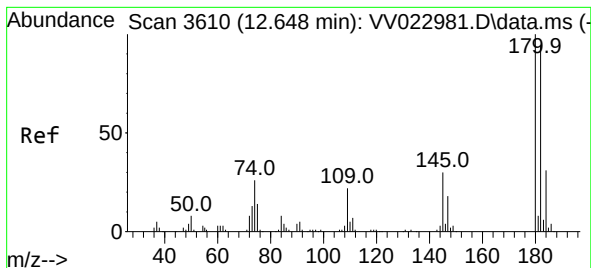
Ion Ratio Lower Upper

75 100

155 84.9 67.7 101.5

157 111.9 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.582 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.000 min

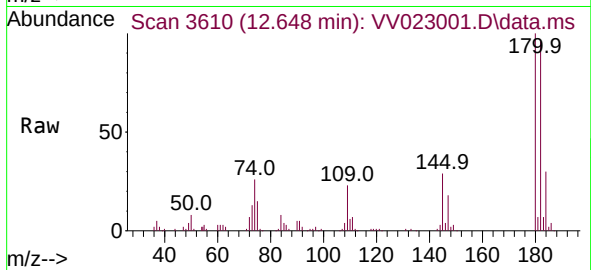
Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 67060

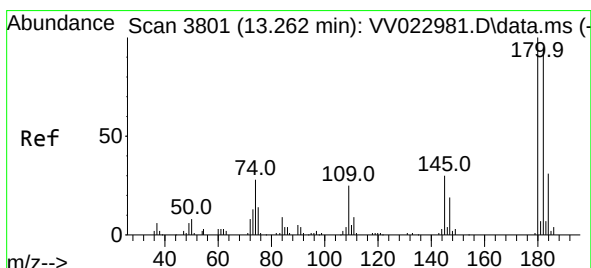
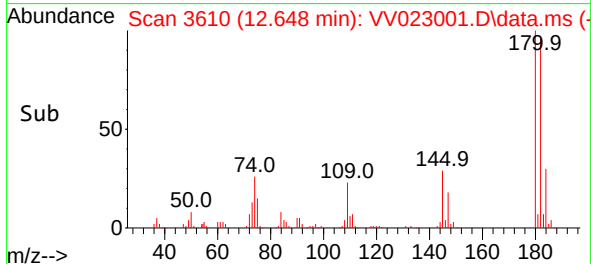
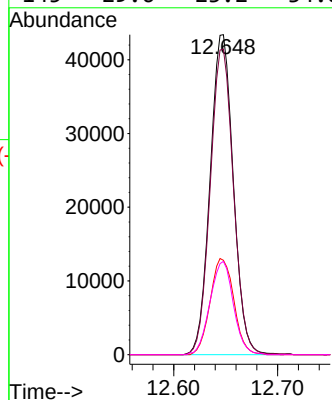
Ion Ratio Lower Upper

180 100

182 95.9 74.9 112.3

184 30.7 23.8 35.8

145 29.6 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.550 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

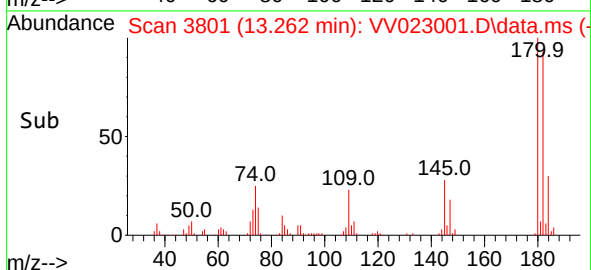
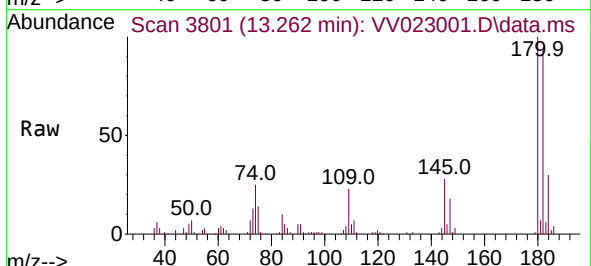
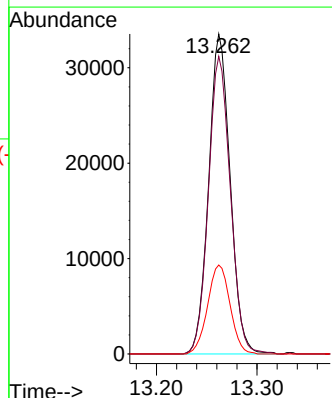
Tgt Ion:180 Resp: 49821

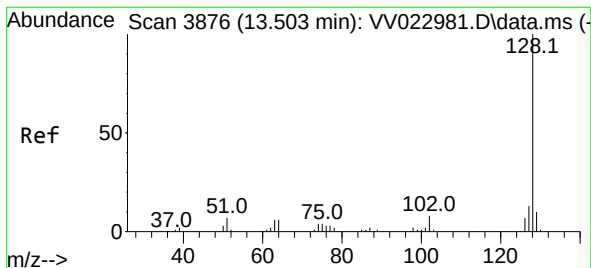
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 29.0 24.4 36.6





#71

Naphthalene

Concen: 4.590 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Instrument :

MSVOA_V

ClientSampleId :

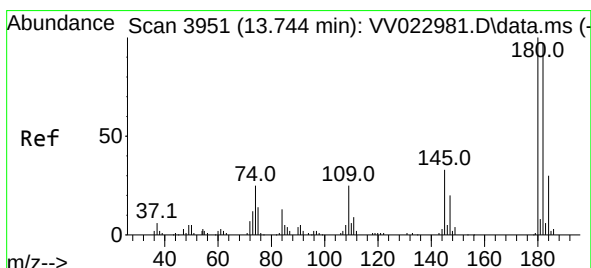
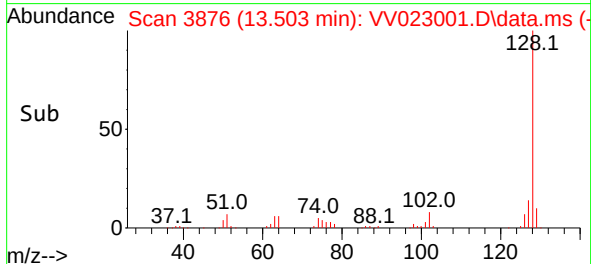
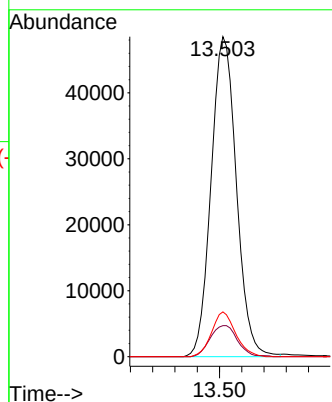
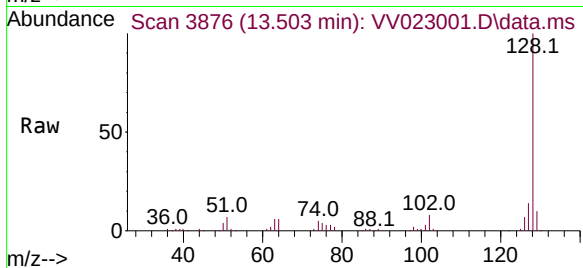
Tgt Ion:128 Resp: 76410

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

127 13.3 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.714 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023001.D

Acq: 22 Oct 2021 20:51

Tgt Ion:180 Resp: 47922

Ion Ratio Lower Upper

180 100

182 96.9 76.7 115.1

145 31.7 25.7 38.5

