

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024103.D
 Acq On : 19 Dec 2021 21:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:40:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95349	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	99985	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20524	4.004	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.568	69	18714	4.376	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.111	63	49696	4.967	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	3.908	46	42060	41.999	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.000%	
24) Chloroform-d	4.349	84	54852	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.034	65	25424	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.050	84	97444	4.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6	6.069	67	27211	4.554	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.317	98	97504	5.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
43) trans-1,3-Dichloroprop...	7.622	79	11633	4.693	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.088	63	40622	36.610	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.220%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	21629	4.364	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	38972	4.672	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	39538	4.764	ug/L	98
3) Chloromethane	1.240	50	33413	4.712	ug/L	96
5) Vinyl chloride	1.310	62	37340	4.855	ug/L	94
6) Bromomethane	1.523	94	23114	4.729	ug/L	97
8) Chloroethane	1.587	64	24824	4.960	ug/L	97
9) Trichlorofluoromethane	1.754	101	72516	5.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36432	5.176	ug/L	100
12) 1,1-Dichloroethene	2.121	96	33193	5.189	ug/L	95
13) Acetone	2.204	43	35434	44.227	ug/L	73
14) Carbon disulfide	2.298	76	80981	4.364	ug/L	98
15) Methyl Acetate	2.442	43	10093	5.197	ug/L	98
16) Methylene chloride	2.507	84	39099	4.672	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	73957	5.112	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	34790	4.913	ug/L	99
19) 1,1-Dichloroethane	3.191	63	64043	5.039	ug/L	99
21) 2-Butanone	3.995	43	57613	50.328	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	37727	5.033	ug/L	99
23) Bromochloromethane	4.249	128	17991	5.282	ug/L	90
25) Chloroform	4.378	83	72553	5.135	ug/L	100

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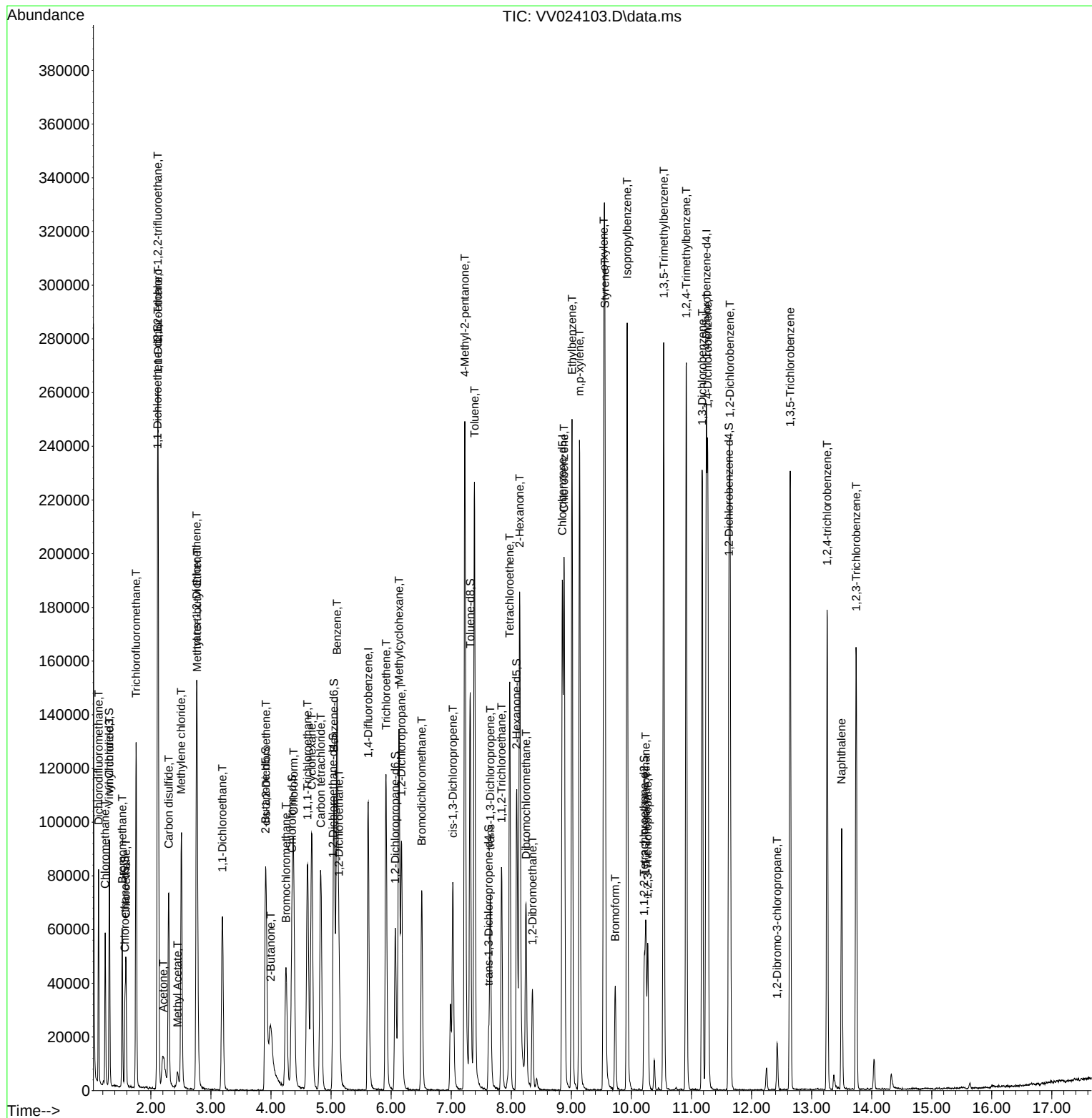
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41038	5.361	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	70091	5.358	ug/L	99
30) Cyclohexane	4.680	56	47927	4.620	ug/L	98
31) Carbon tetrachloride	4.828	117	61398	4.993	ug/L	99
33) Benzene	5.098	78	144293	5.101	ug/L	100
34) Trichloroethene	5.915	95	39775	4.985	ug/L	96
35) Methylcyclohexane	6.130	83	54225	4.618	ug/L	98
37) 1,2-Dichloropropane	6.172	63	33298	4.953	ug/L	99
38) Bromodichloromethane	6.510	83	48043	5.045	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	47540	4.763	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	162650	50.365	ug/L	97
42) Toluene	7.387	91	164229	5.159	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	41287	4.786	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	26285	5.285	ug/L	97
47) Tetrachloroethene	7.976	164	36157	5.148	ug/L	93
48) 2-Hexanone	8.140	43	119355	50.971	ug/L	98
49) Dibromochloromethane	8.246	129	32656	4.826	ug/L	99
50) 1,2-Dibromoethane	8.352	107	23853	5.166	ug/L	98
51) Chlorobenzene	8.879	112	106774	5.018	ug/L	99
52) Ethylbenzene	9.011	91	168904	5.029	ug/L	99
53) m,p-xylene	9.136	106	68243	5.138	ug/L	99
54) o-xylene	9.542	106	66355	5.166	ug/L	100
55) Styrene	9.561	104	114941	5.375	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	27455	5.041	ug/L	98
59) Bromoform	9.731	173	17676	4.411	ug/L	98
60) Isopropylbenzene	9.931	105	181971	4.963	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	20683	4.862	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	145260	4.776	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	147038	4.853	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	93967	5.011	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	93262	4.952	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	84840	4.939	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4149	4.466	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	71155	4.614	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	55354	4.570	ug/L	99
71) Naphthalene	13.500	128	77553	4.455	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	49049	4.587	ug/L	98

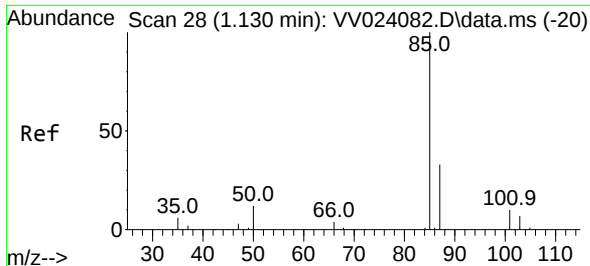
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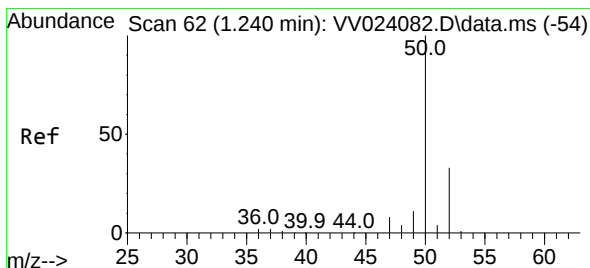
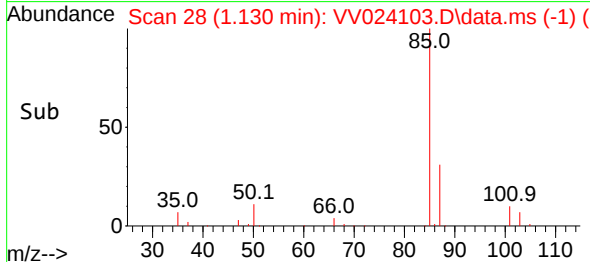
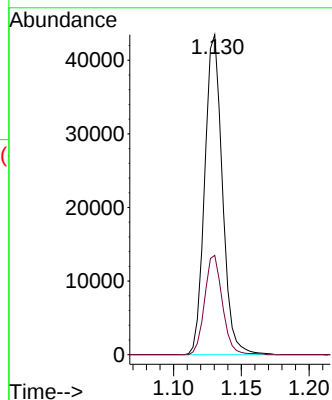
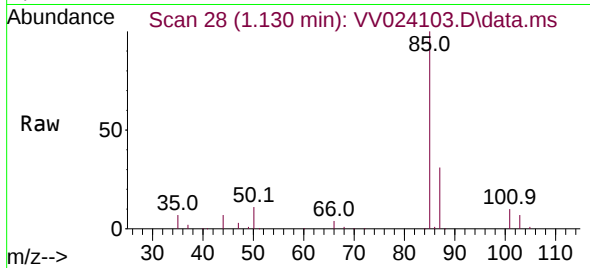




#2
 Dichlorodifluoromethane
 Concen: 4.764 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

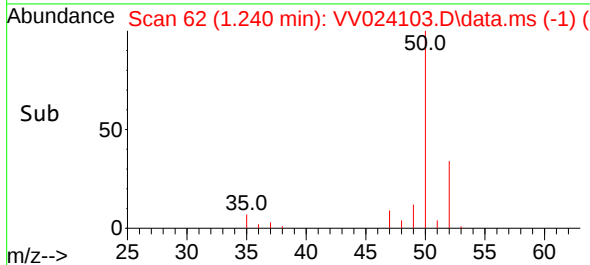
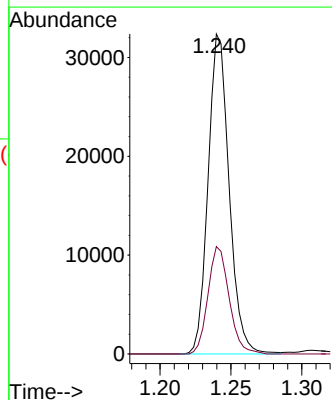
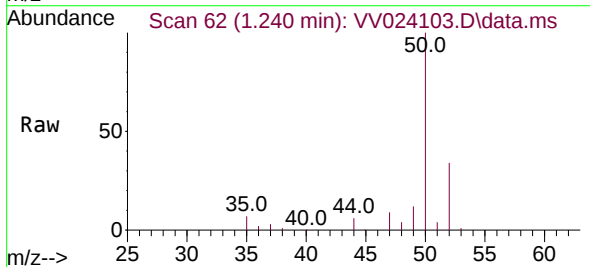
Instrument :
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 ClientSampleId :

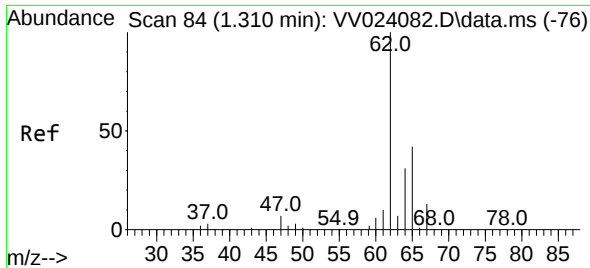
Tgt Ion: 85 Resp: 39538
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.712 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

Tgt Ion: 50 Resp: 33413
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.0 41.0

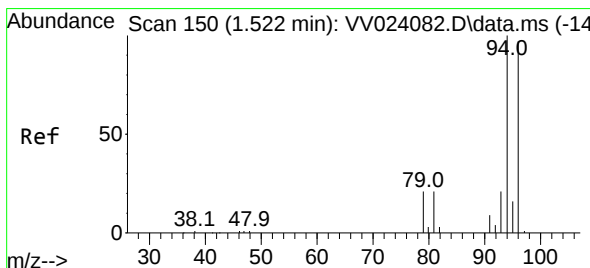
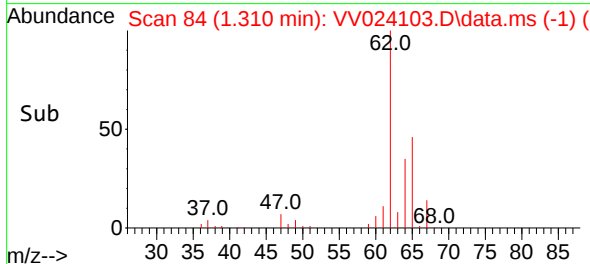
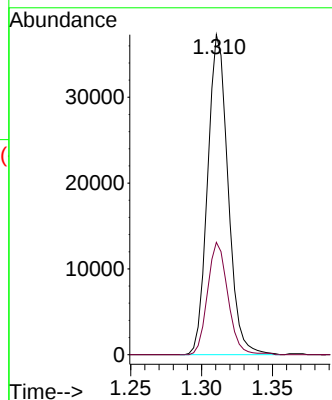
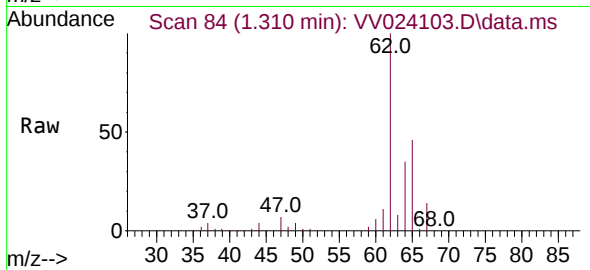




#5
 Vinyl chloride
 Concen: 4.855 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

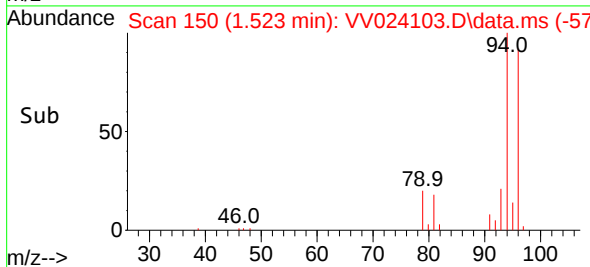
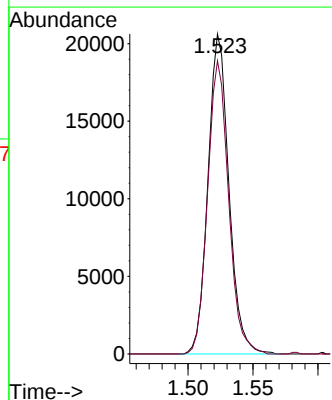
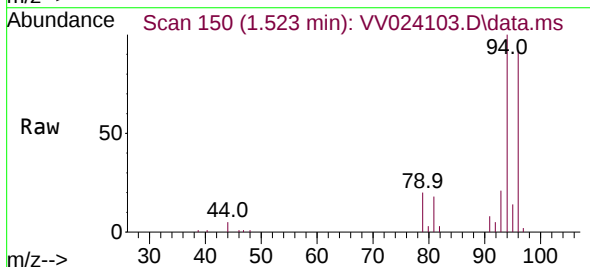
Instrument :
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 ClientSampleId :

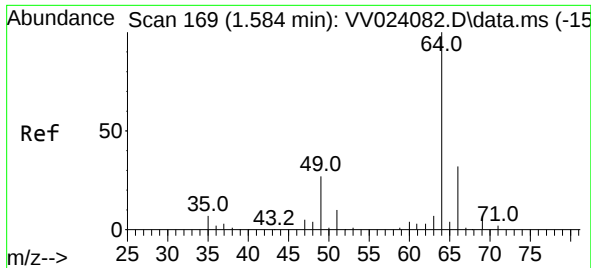
Tgt Ion: 62 Resp: 37340
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.4 41.6



#6
 Bromomethane
 Concen: 4.729 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

Tgt Ion: 94 Resp: 23114
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.2 123.0

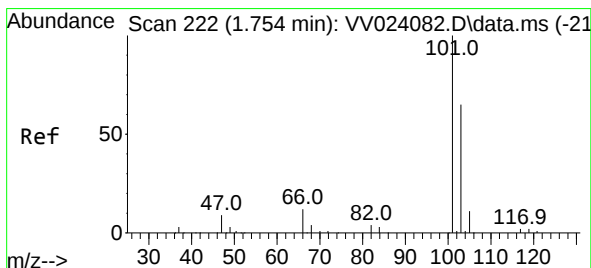
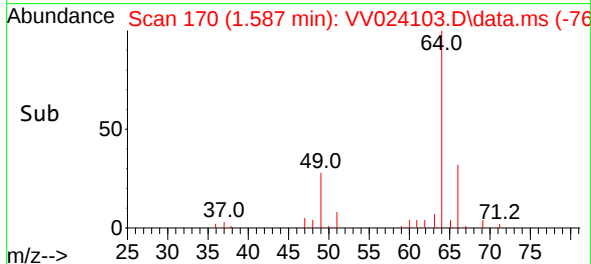
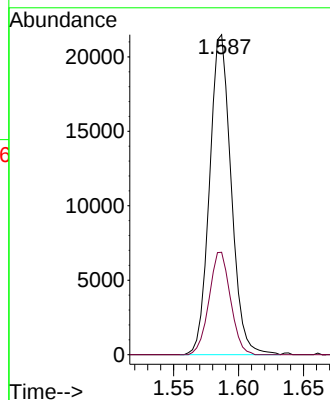
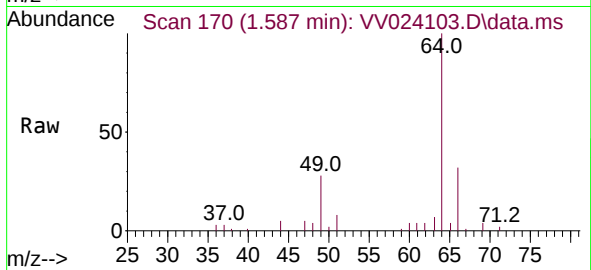




#8
Chloroethane
Concen: 4.960 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

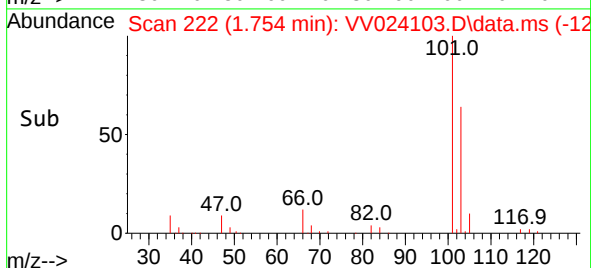
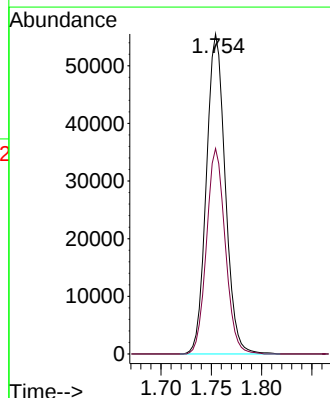
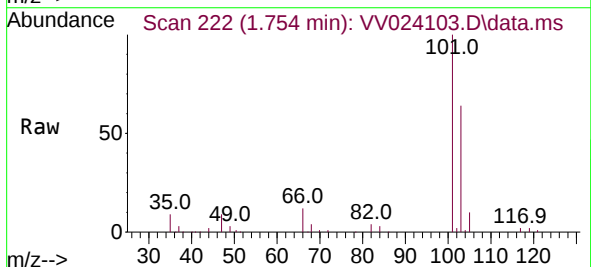
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MSVOA_V
ClientSampleId :

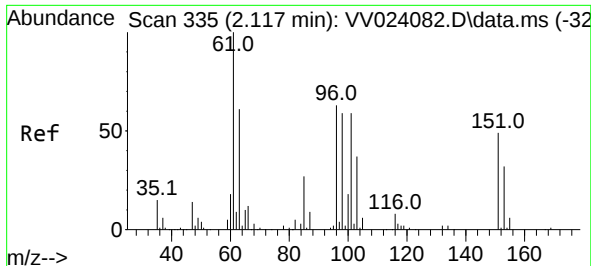
Tgt Ion: 64 Resp: 24824
Ion Ratio Lower Upper
64 100
66 32.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.426 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion:101 Resp: 72516
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

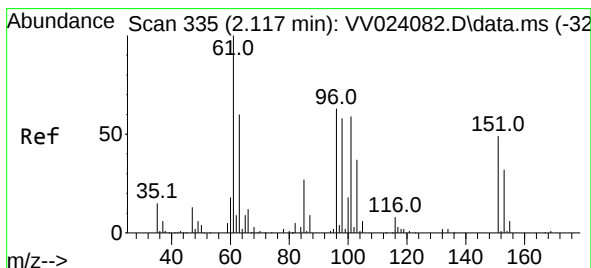
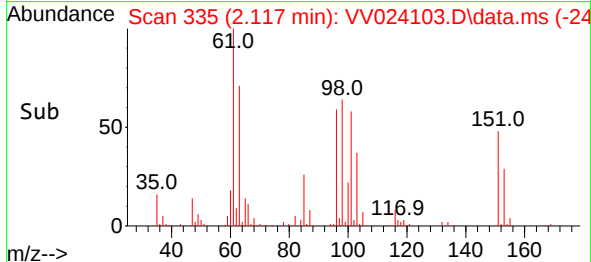
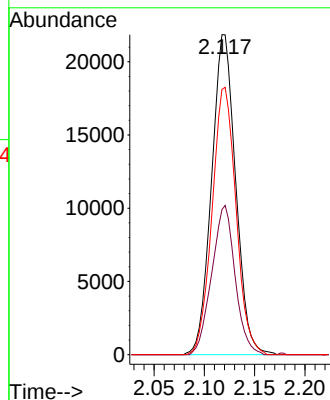
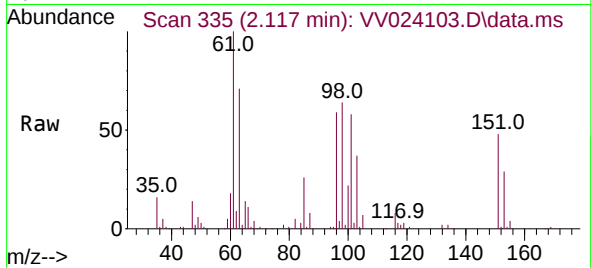




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.176 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

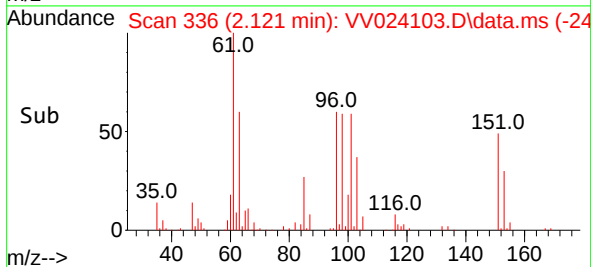
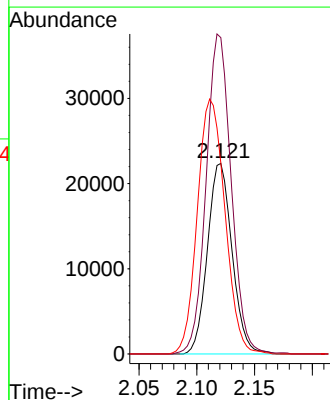
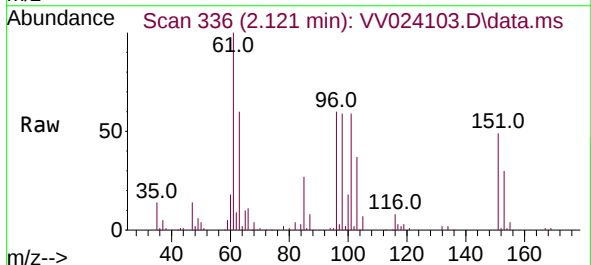
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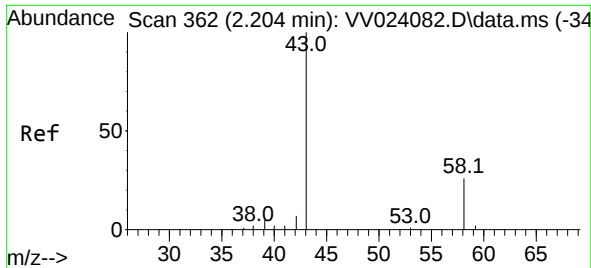
Tgt Ion:101 Resp: 36432
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.0 54.0
 151 83.0 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.189 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

Tgt Ion: 96 Resp: 33193
 Ion Ratio Lower Upper
 96 100
 61 166.0 116.1 215.5
 63 100.1 79.4 147.4





#13

Acetone

Concen: 44.227 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Instrument :

MSVOA_V

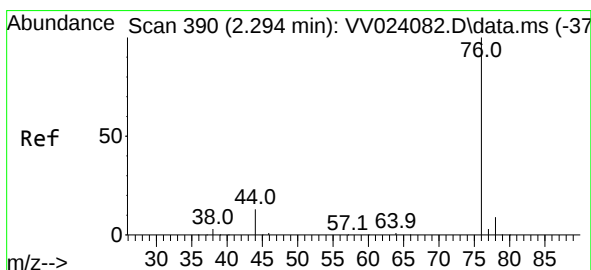
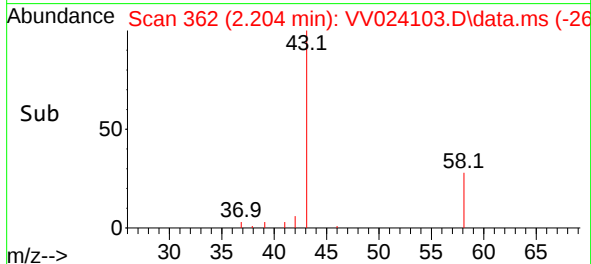
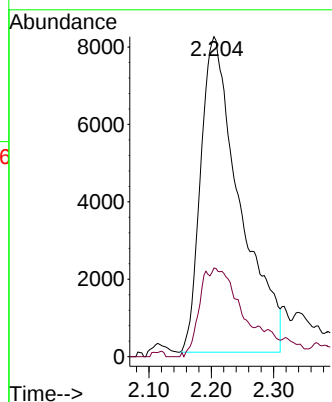
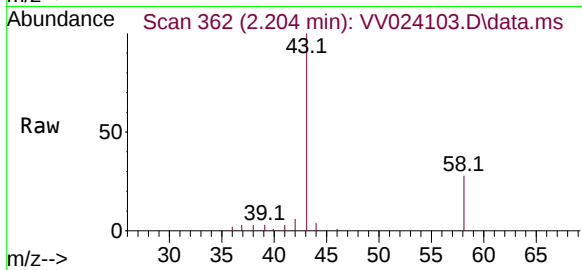
ClientSampleId :

Tgt Ion: 43 Resp: 35434

Ion Ratio Lower Upper

43 100

58 8.3 0.0 41.4



#14

Carbon disulfide

Concen: 4.364 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024103.D

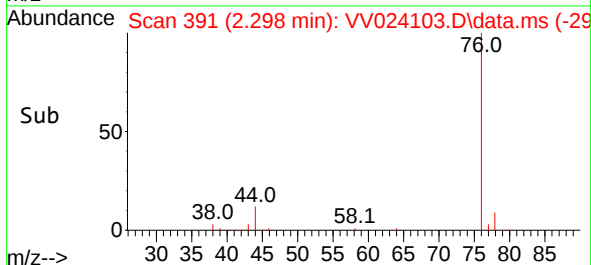
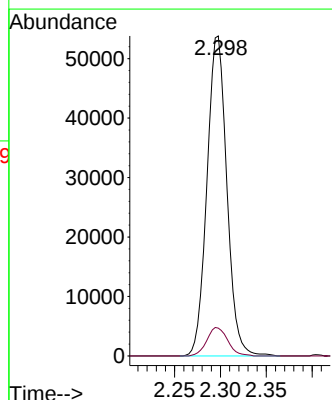
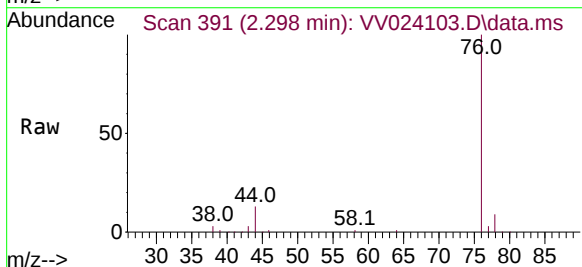
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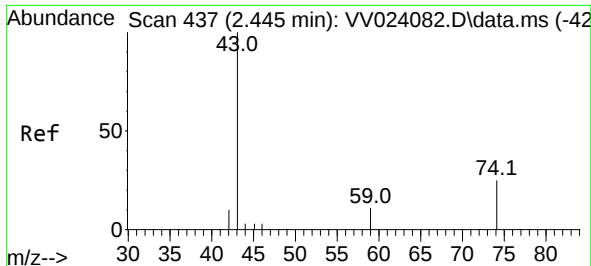
Tgt Ion: 76 Resp: 80981

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3





#15

Methyl Acetate

Concen: 5.197 ug/L

RT: 2.442 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV024103.D

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Instrument :

MSVOA_V

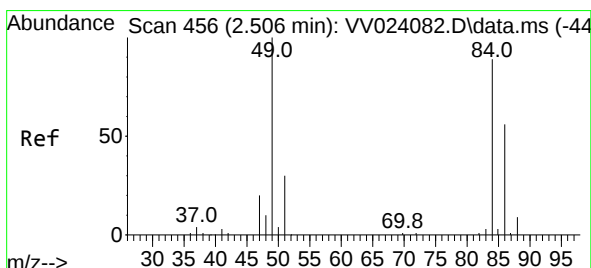
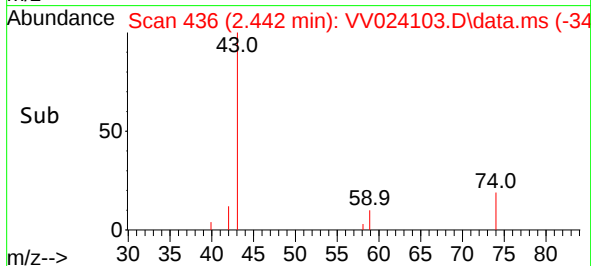
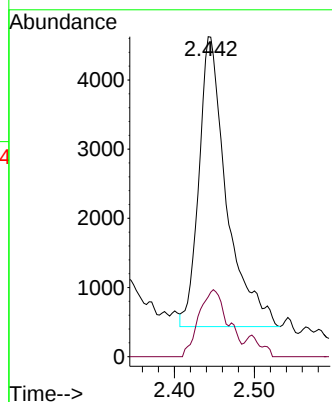
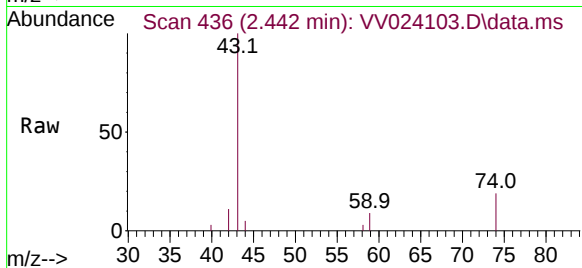
ClientSampleId :

Tgt Ion: 43 Resp: 10093

Ion Ratio Lower Upper

43 100

74 24.0 20.2 30.2



#16

Methylene chloride

Concen: 4.672 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

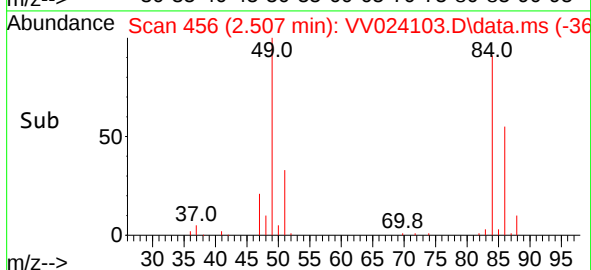
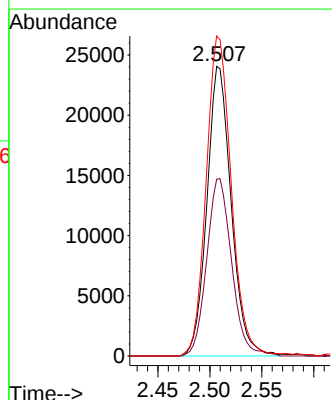
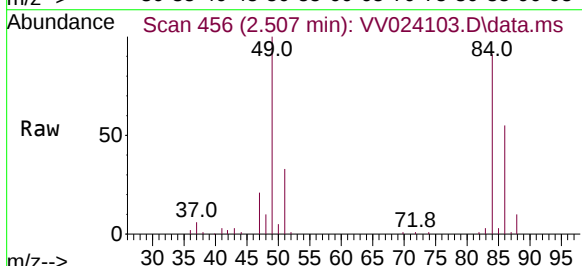
Tgt Ion: 84 Resp: 39099

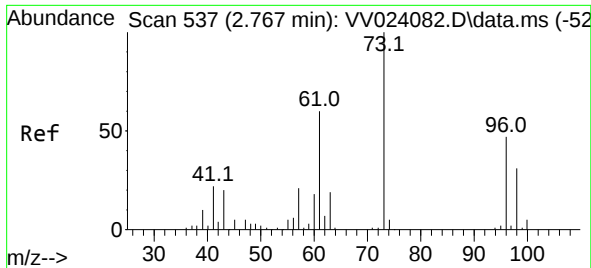
Ion Ratio Lower Upper

84 100

86 61.1 42.6 79.0

49 110.5 79.7 147.9

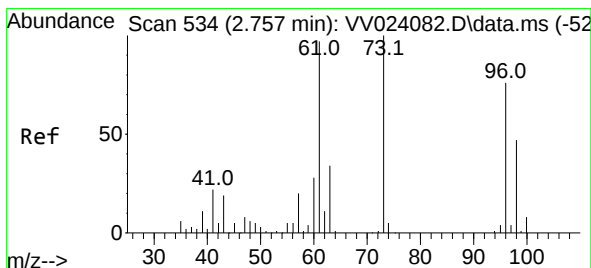
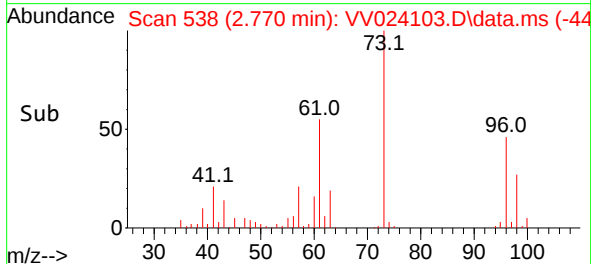
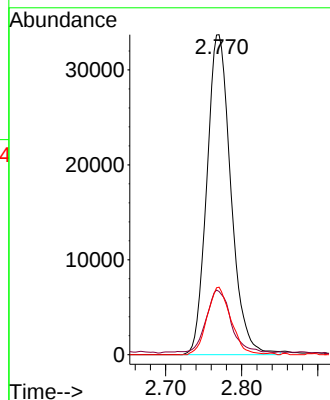
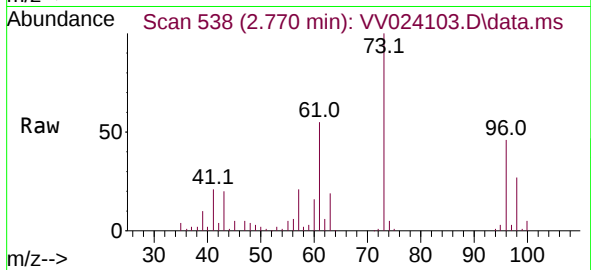




#17
Methyl tert-butyl Ether
Concen: 5.112 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

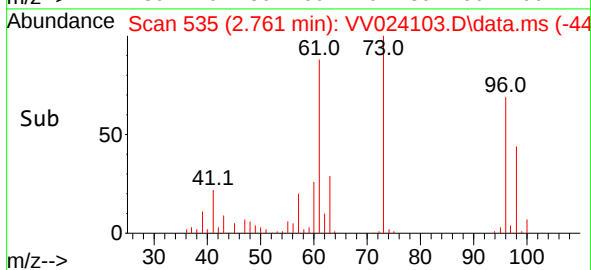
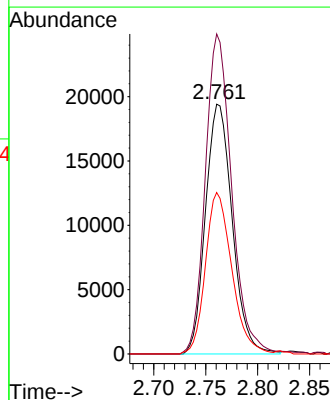
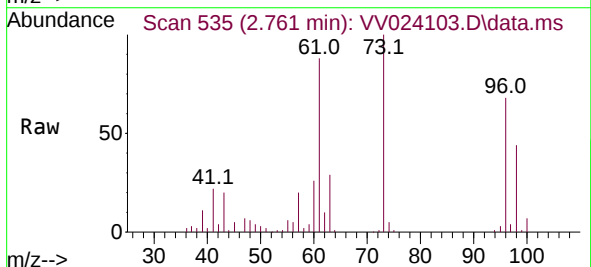
Instrument :
MSVOA_V
ClientSampleId :

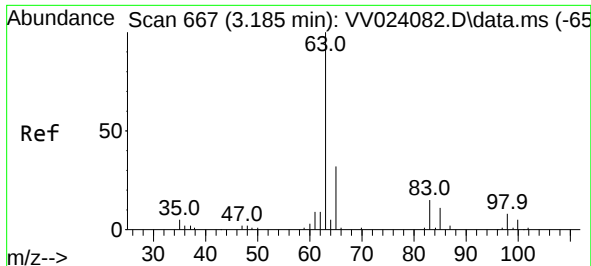
Tgt Ion: 73 Resp: 73957
Ion Ratio Lower Upper
73 100
43 19.8 15.5 23.3
57 20.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.913 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion: 96 Resp: 34790
Ion Ratio Lower Upper
96 100
61 128.2 88.2 163.8
98 64.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.039 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Instrument :

MSVOA_V

ClientSampleId :

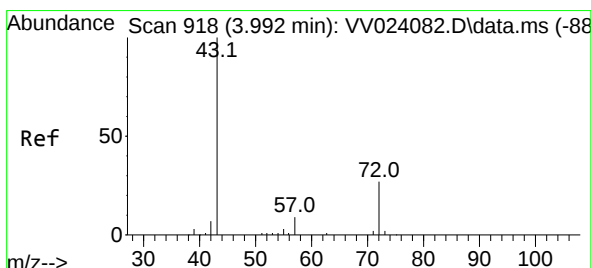
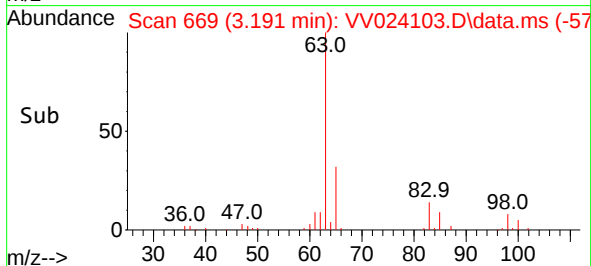
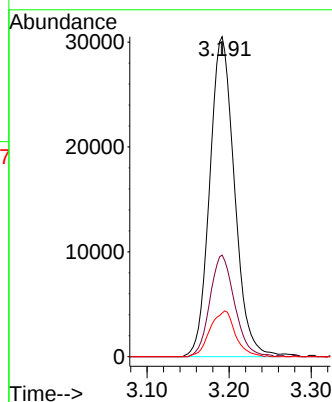
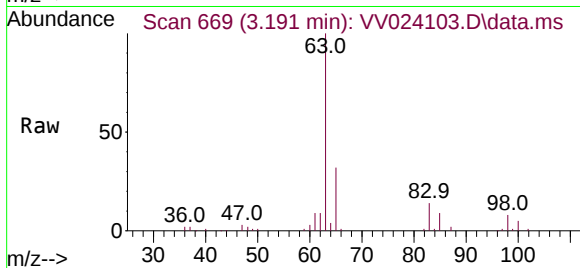
Tgt Ion: 63 Resp: 64043

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.3

83 13.6 10.7 19.9



#21

2-Butanone

Concen: 50.328 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.003 min

Lab File: VV024103.D

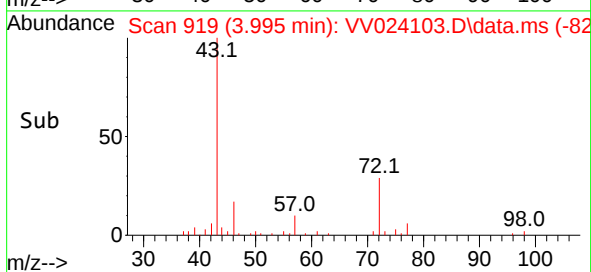
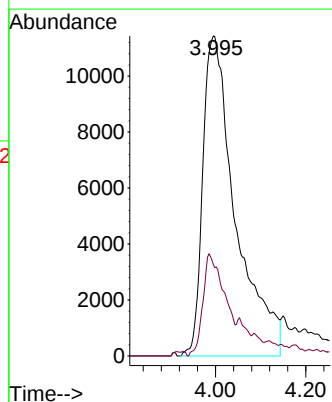
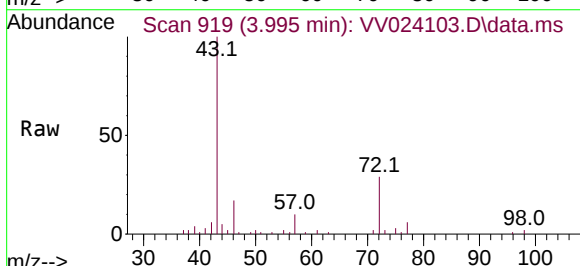
Acq: 19 Dec 2021 21:01

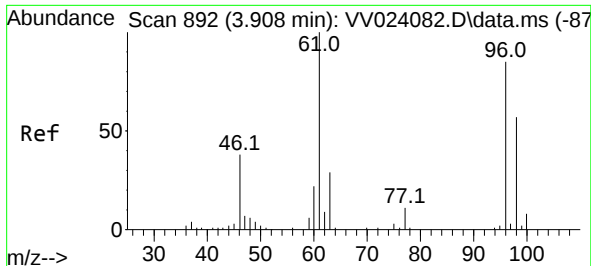
Tgt Ion: 43 Resp: 57613

Ion Ratio Lower Upper

43 100

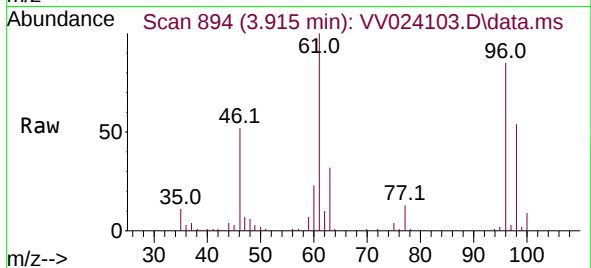
72 21.1 11.1 33.1



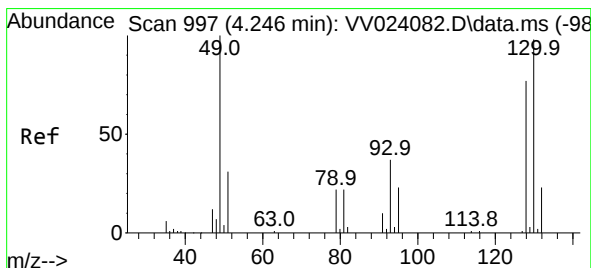
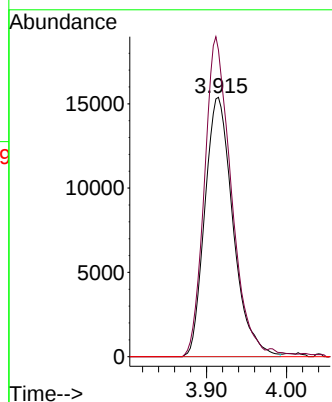
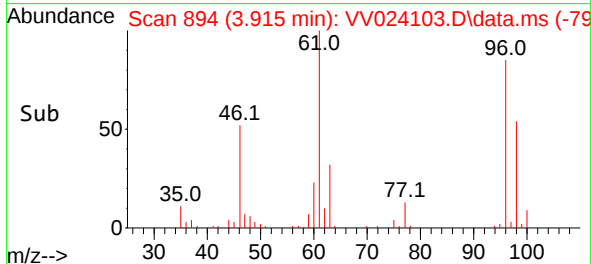


#22
 cis-1,2-Dichloroethene
 Concen: 5.033 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

Instrument :
 MSVOA_V
 ClientSampleId :

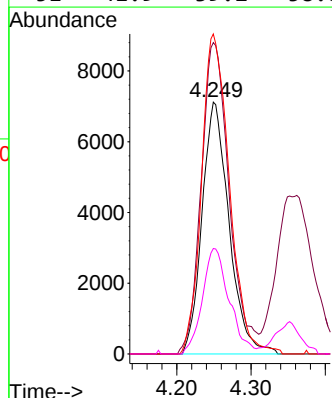
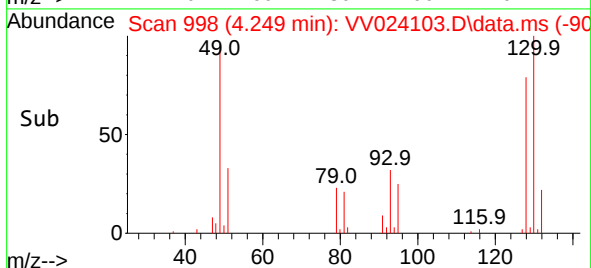
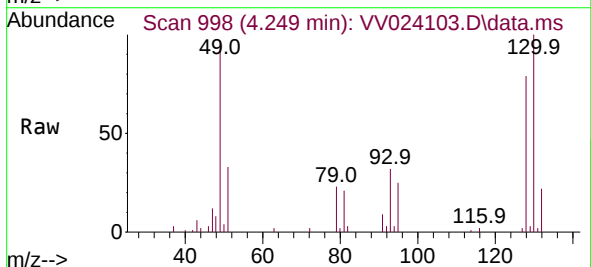


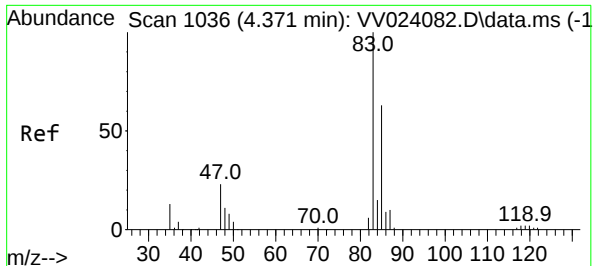
Tgt Ion: 96 Resp: 37727
 Ion Ratio Lower Upper
 96 100
 61 118.2 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.282 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

Tgt Ion: 128 Resp: 17991
 Ion Ratio Lower Upper
 128 100
 49 123.6 100.2 186.2
 130 127.1 92.5 171.7
 51 41.9 39.2 58.8

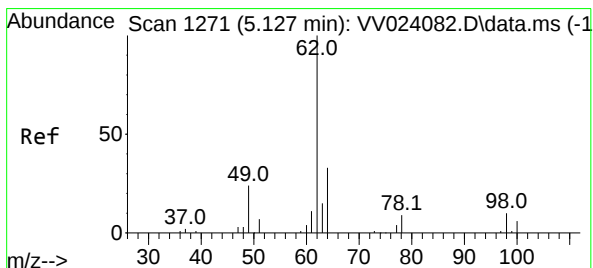
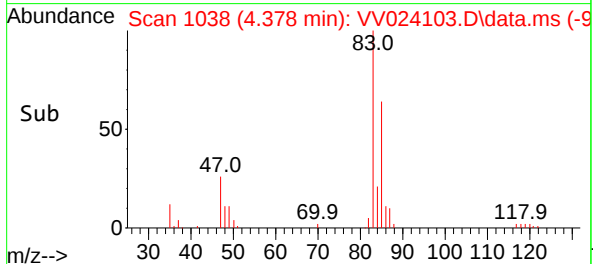
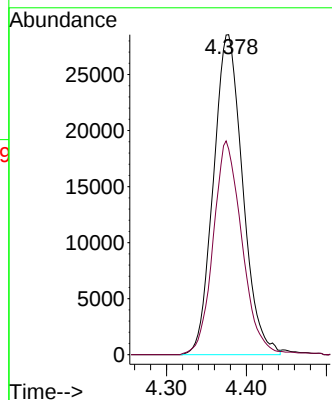
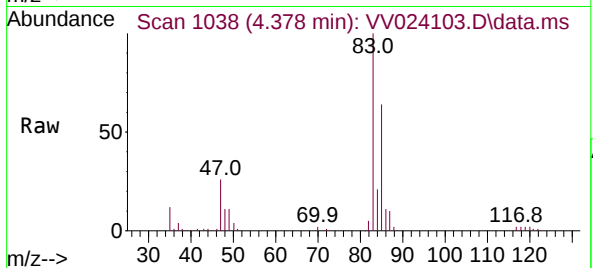




#25
Chloroform
Concen: 5.135 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

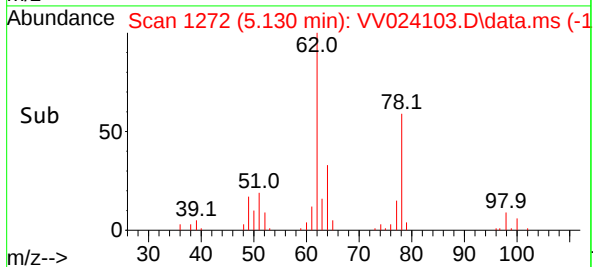
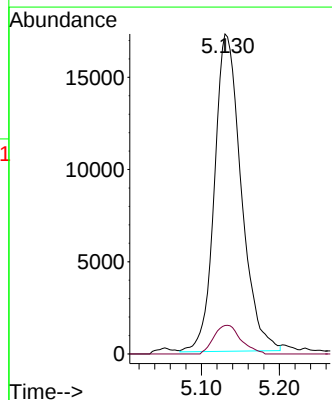
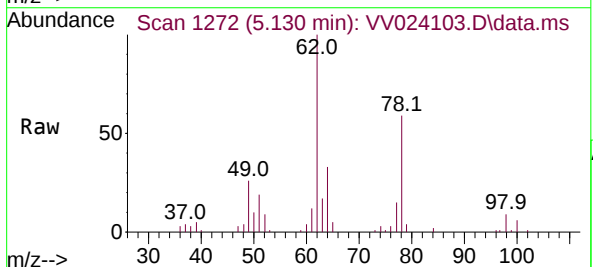
Instrument :
MSVOA_V
ClientSampleId :

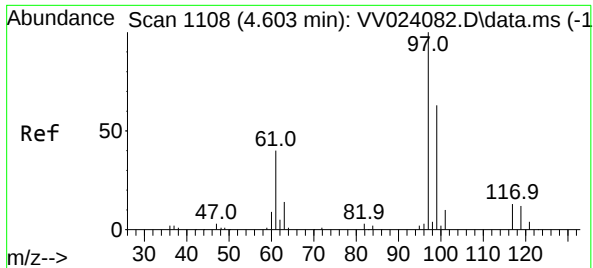
Tgt Ion: 83 Resp: 72553
Ion Ratio Lower Upper
83 100
85 64.3 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.361 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion: 62 Resp: 41038
Ion Ratio Lower Upper
62 100
98 8.9 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.358 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Instrument :

MSVOA_V

ClientSampleId :

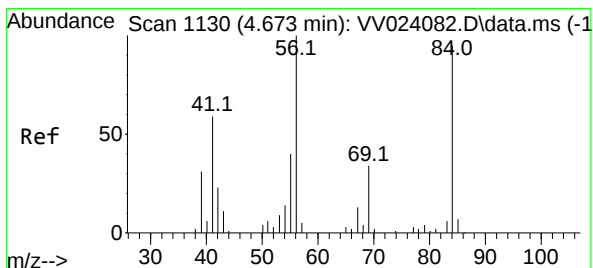
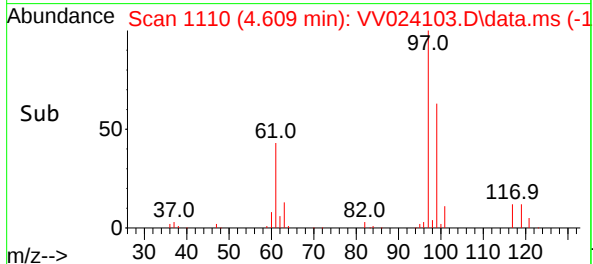
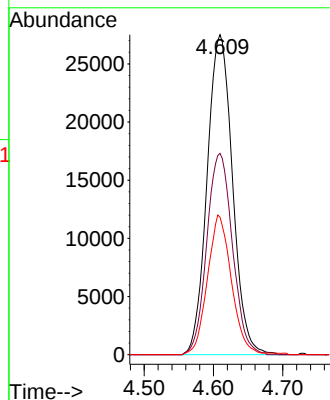
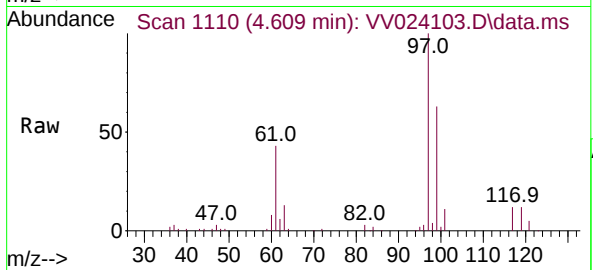
Tgt Ion: 97 Resp: 70091

Ion Ratio Lower Upper

97 100

99 63.6 51.9 77.9

61 41.0 33.2 49.8



#30

Cyclohexane

Concen: 4.620 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

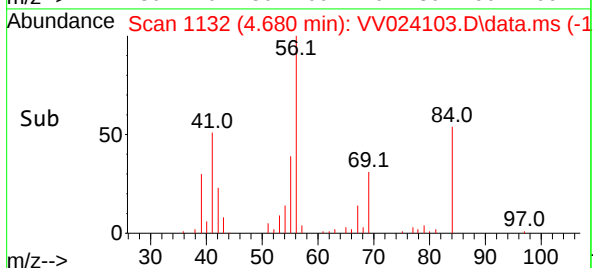
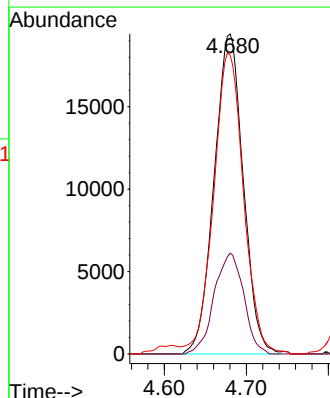
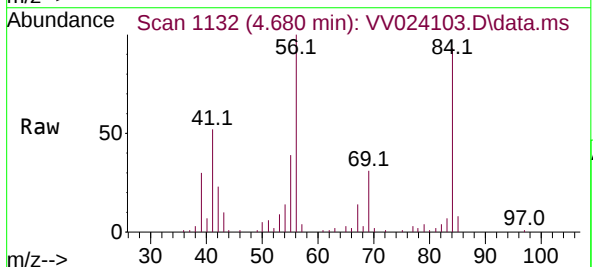
Tgt Ion: 56 Resp: 47927

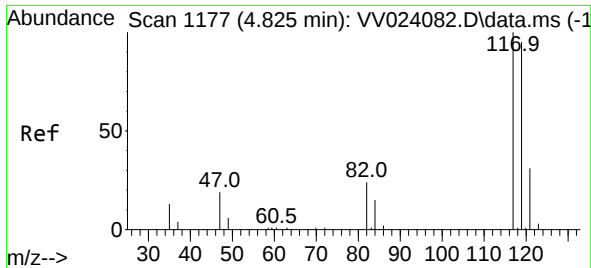
Ion Ratio Lower Upper

56 100

69 31.9 24.8 37.2

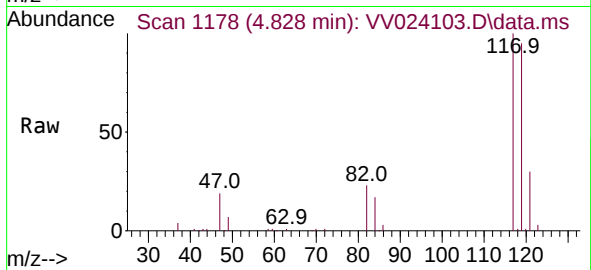
84 96.6 75.9 113.9



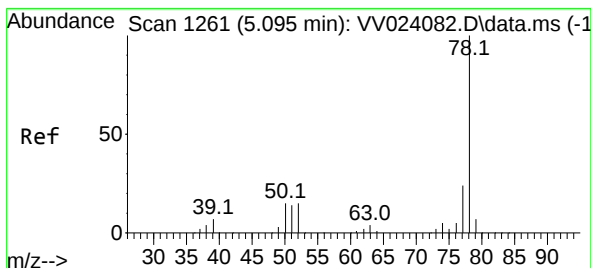
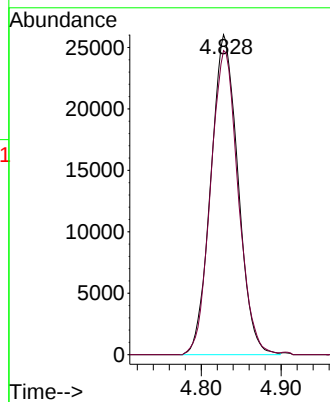
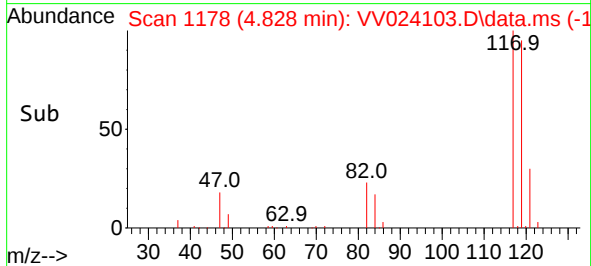


#31
Carbon tetrachloride
Concen: 4.993 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Instrument :
MSVOA_V
ClientSampleId :

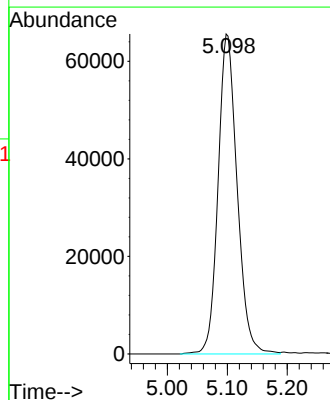
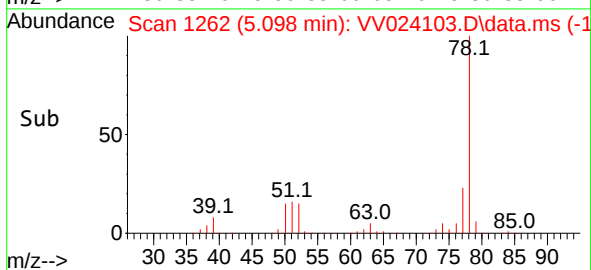
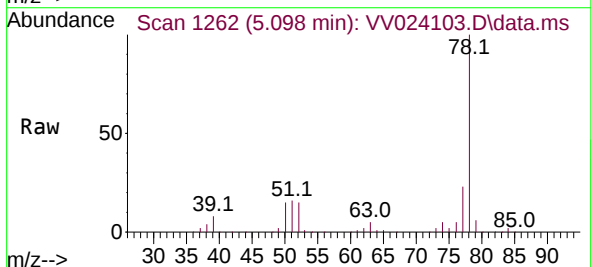


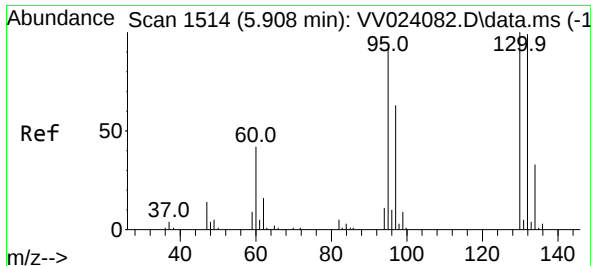
Tgt Ion:117 Resp: 61398
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8



#33
Benzene
Concen: 5.101 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

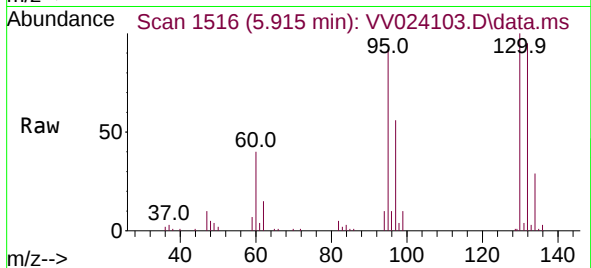
Tgt Ion: 78 Resp: 144293





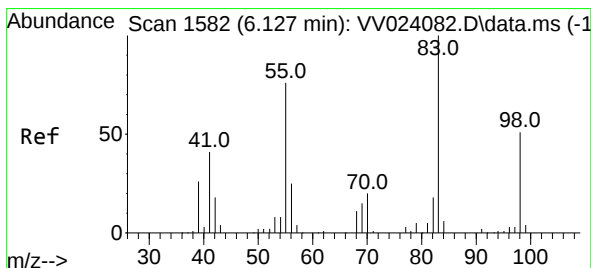
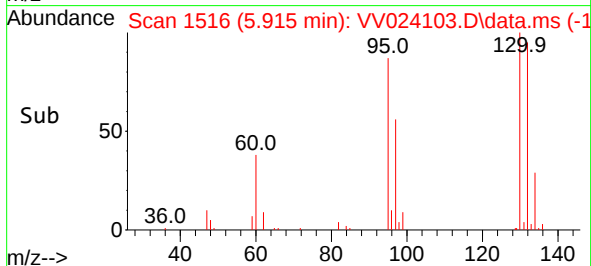
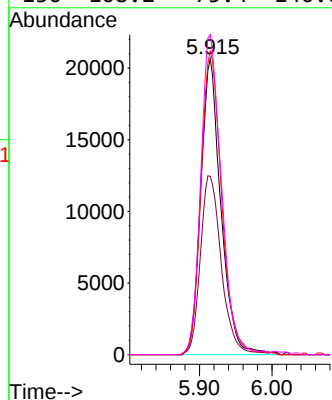
#34
Trichloroethene
Concen: 4.985 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 39775

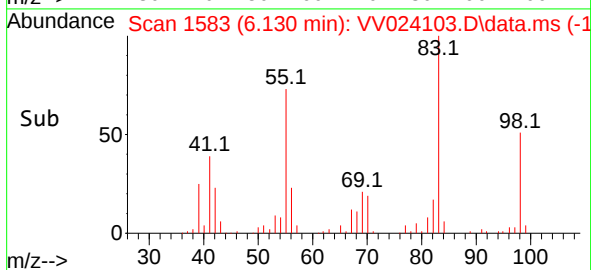
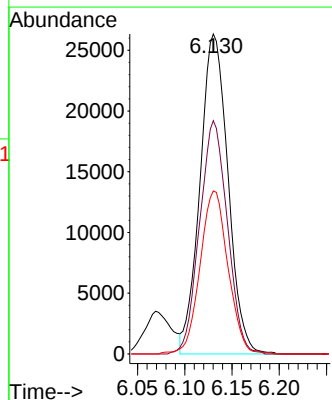
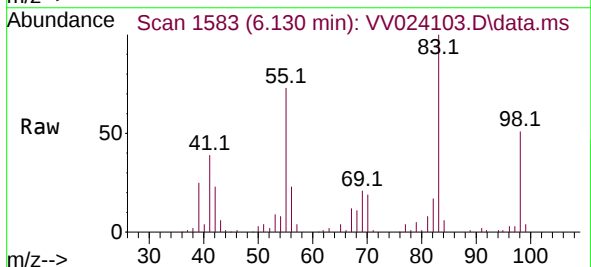
Ion	Ratio	Lower	Upper
95	100		
97	60.3	45.2	84.0
132	102.5	76.1	141.3
130	108.2	75.4	140.0

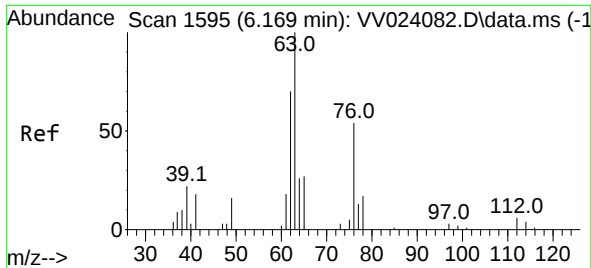


#35
Methylcyclohexane
Concen: 4.618 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion: 83 Resp: 54225

Ion	Ratio	Lower	Upper
83	100		
55	72.4	60.2	90.2
98	50.9	41.0	61.4

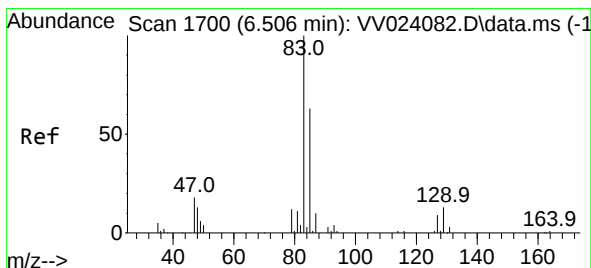
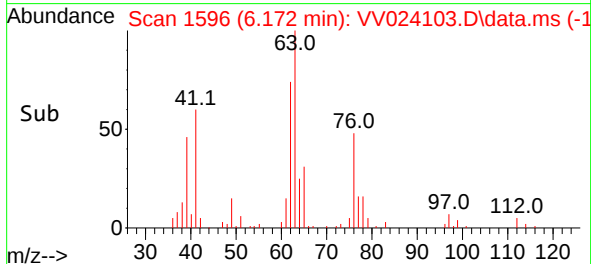
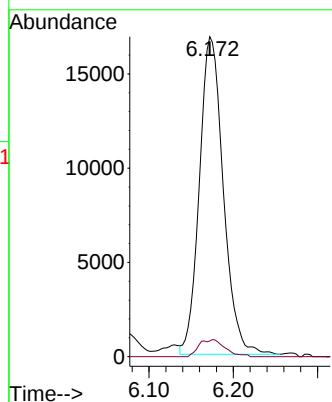
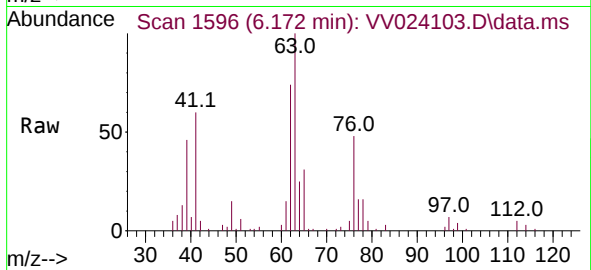




#37
1,2-Dichloropropane
Concen: 4.953 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

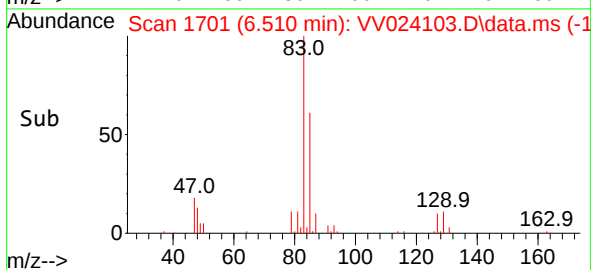
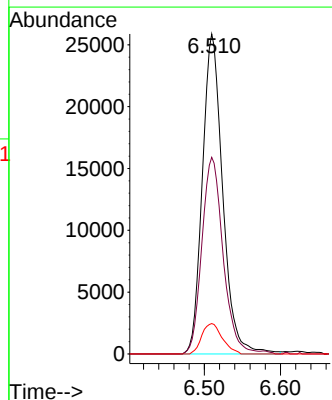
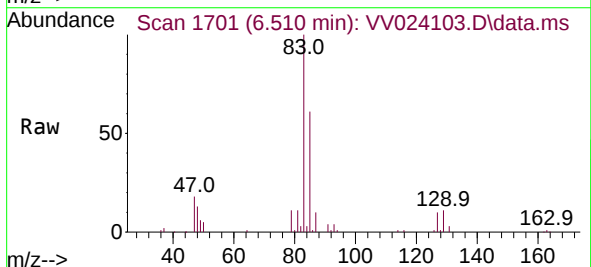
Instrument :
MSVOA_V
ClientSampleId :

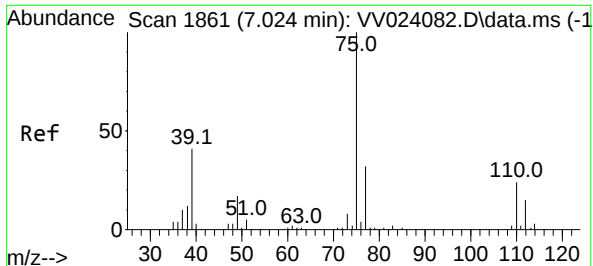
Tgt Ion: 63 Resp: 33298
Ion Ratio Lower Upper
63 100
112 5.9 4.3 6.5



#38
Bromodichloromethane
Concen: 5.045 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion: 83 Resp: 48043
Ion Ratio Lower Upper
83 100
85 61.5 44.0 81.8
127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.763 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Instrument :

MSVOA_V

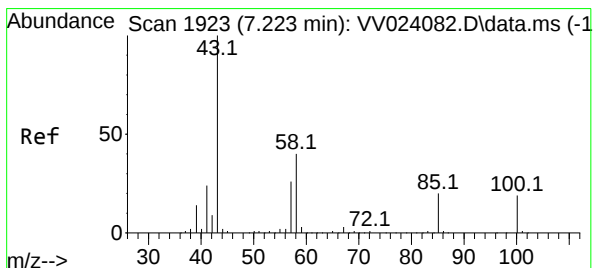
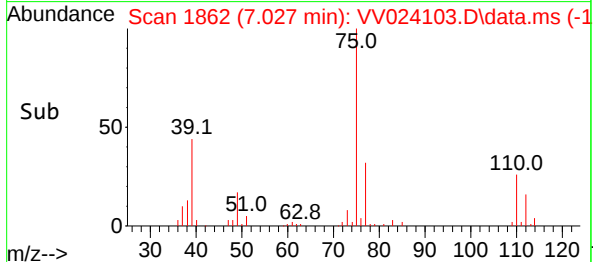
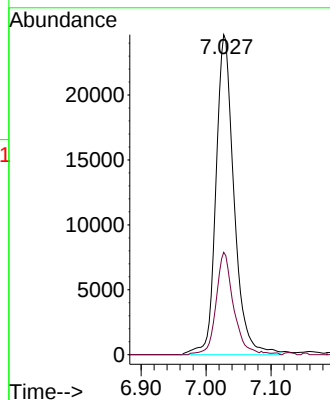
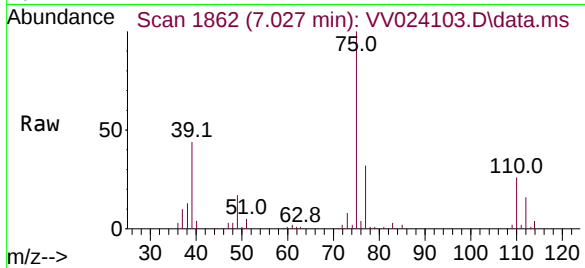
ClientSampleId :

Tgt Ion: 75 Resp: 47540

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 50.365 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

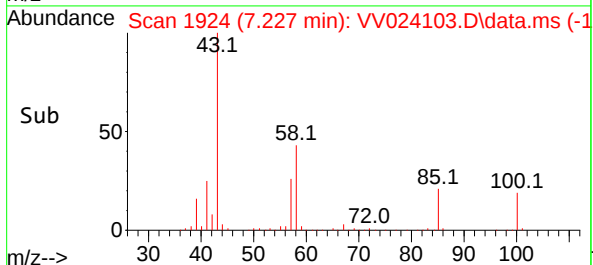
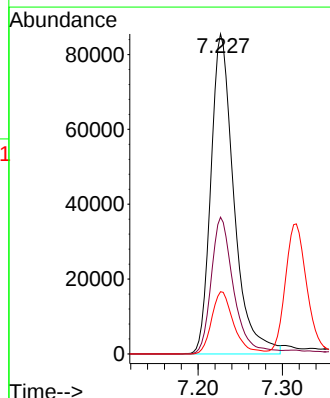
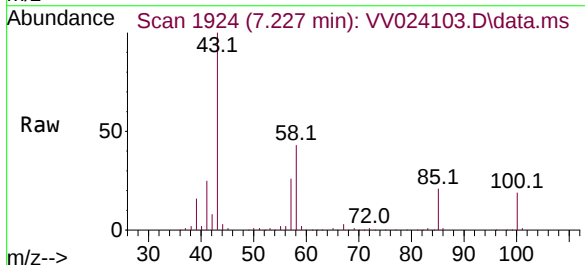
Tgt Ion: 43 Resp: 162650

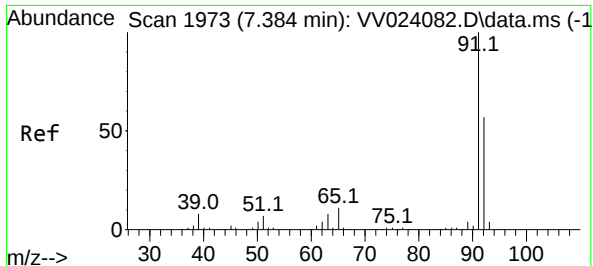
Ion Ratio Lower Upper

43 100

58 41.7 32.3 48.5

100 18.7 13.0 19.6

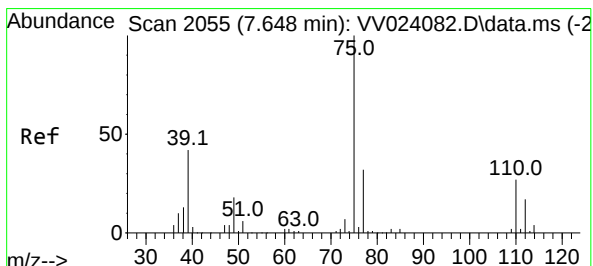
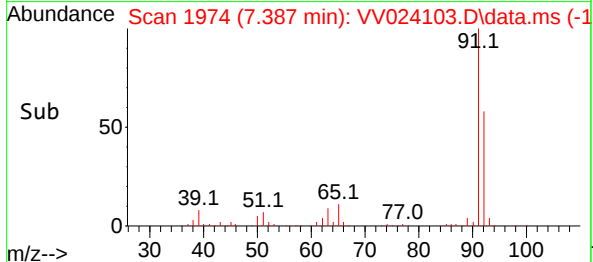
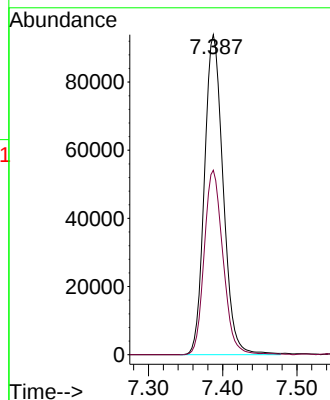
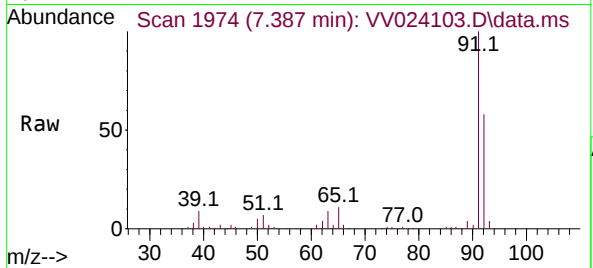




#42
Toluene
Concen: 5.159 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

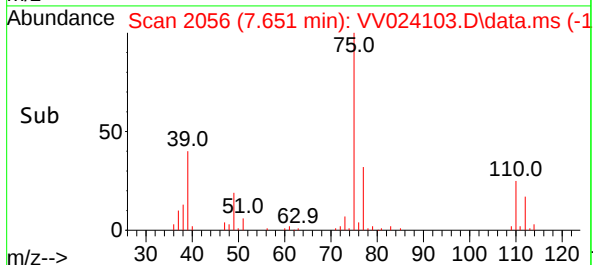
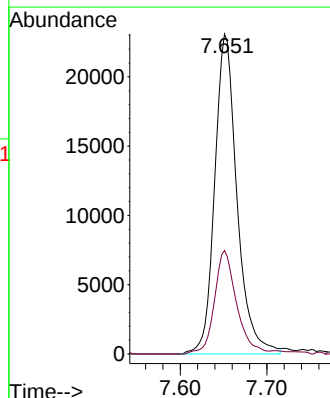
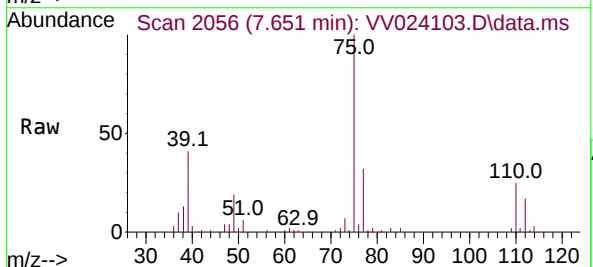
Instrument :
MSVOA_V
ClientSampleId :

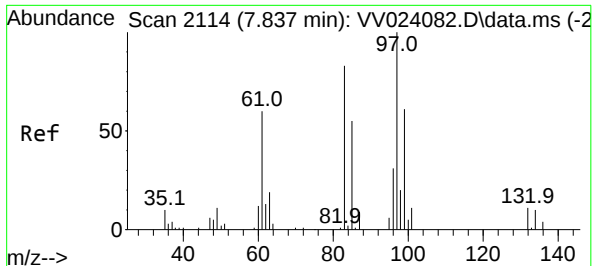
Tgt Ion: 91 Resp: 164229
Ion Ratio Lower Upper
91 100
92 57.6 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 4.786 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion: 75 Resp: 41287
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4



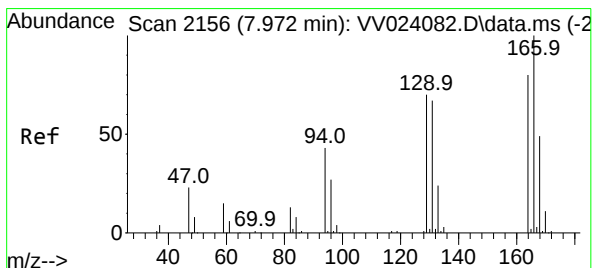
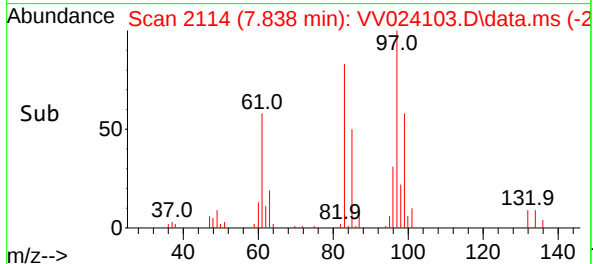
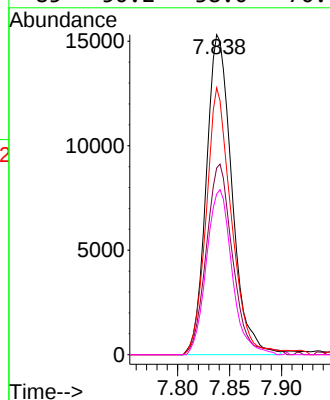
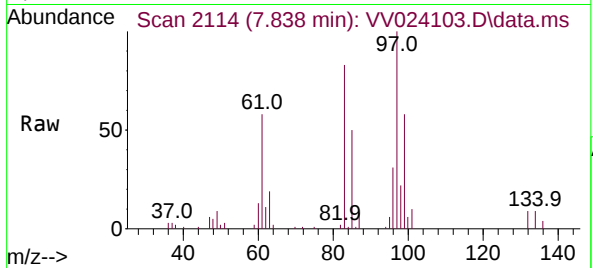


#45
1,1,2-Trichloroethane
Concen: 5.285 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 26285

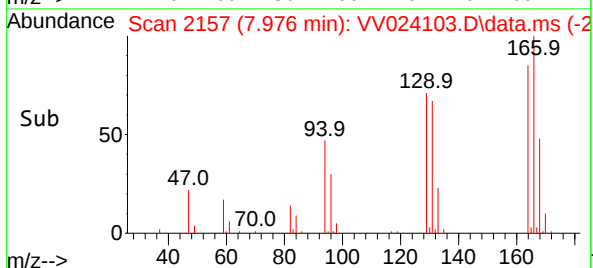
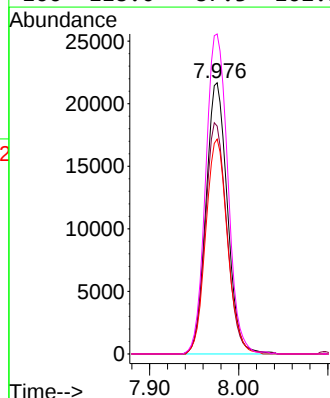
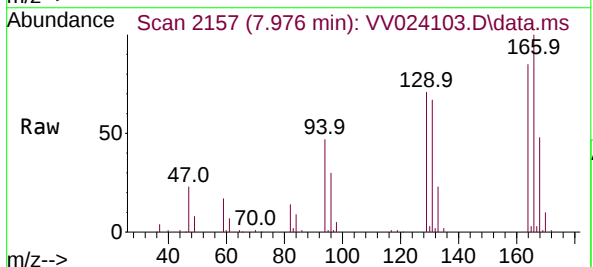
Ion	Ratio	Lower	Upper
97	100		
99	58.4	43.1	80.1
83	83.4	57.9	107.5
85	50.2	38.0	70.6

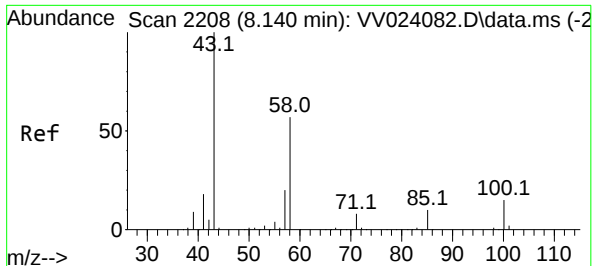


#47
Tetrachloroethene
Concen: 5.148 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion: 164 Resp: 36157

Ion	Ratio	Lower	Upper
164	100		
129	84.1	62.6	116.2
131	79.3	61.0	113.4
166	118.0	87.3	162.1



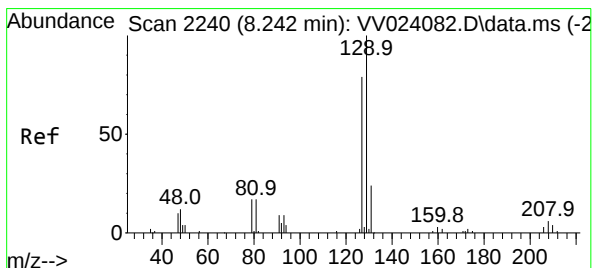
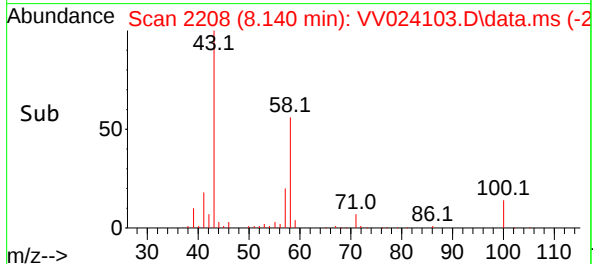
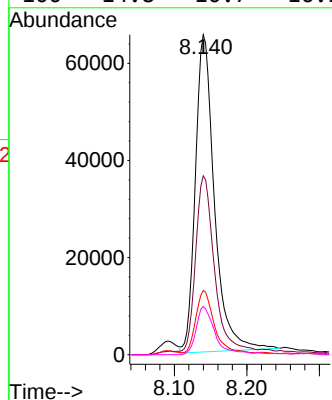
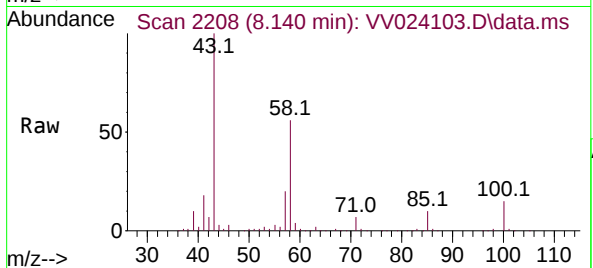


#48
2-Hexanone
Concen: 50.971 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 119355

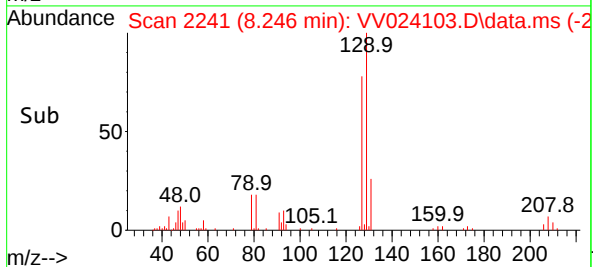
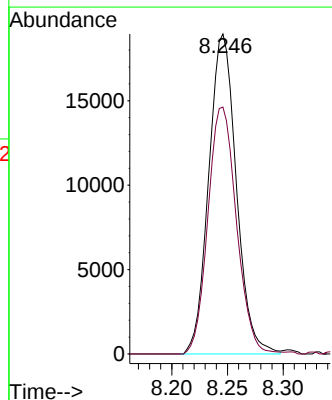
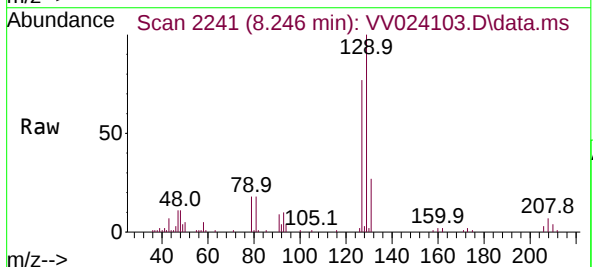
Ion	Ratio	Lower	Upper
43	100		
58	53.6	44.5	66.7
57	19.0	15.1	22.7
100	14.8	10.7	16.1

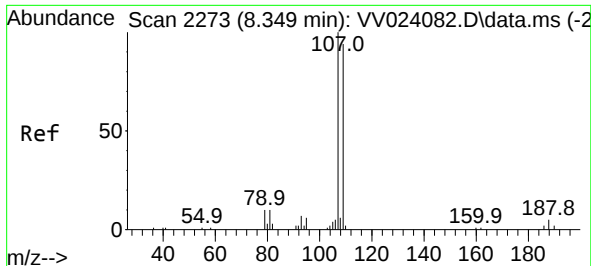


#49
Dibromochloromethane
Concen: 4.826 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion: 129 Resp: 32656

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.166 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

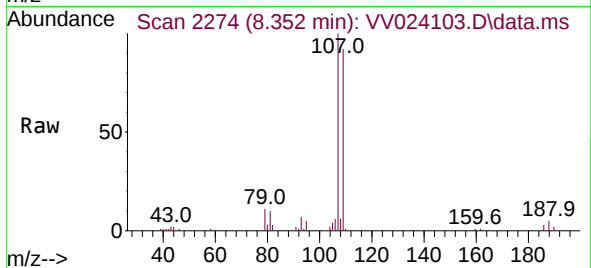
Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Instrument :

MSVOA_V

ClientSampleId :



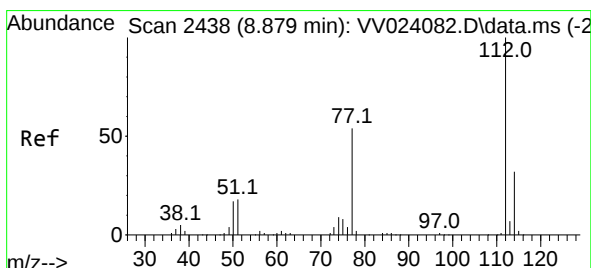
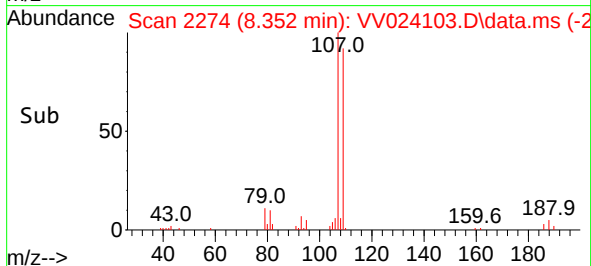
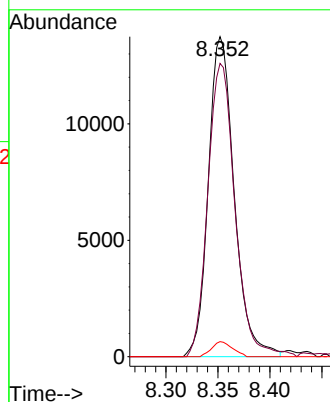
Tgt Ion:107 Resp: 23853

Ion Ratio Lower Upper

107 100

109 91.6 62.5 116.1

188 4.7 3.4 5.2



#51

Chlorobenzene

Concen: 5.018 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

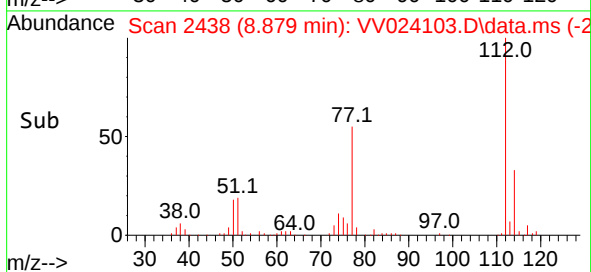
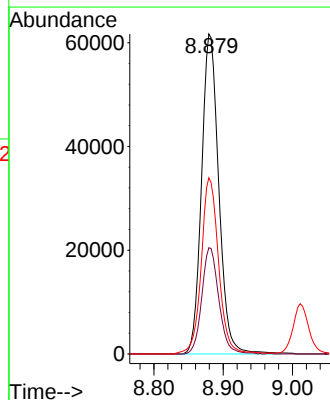
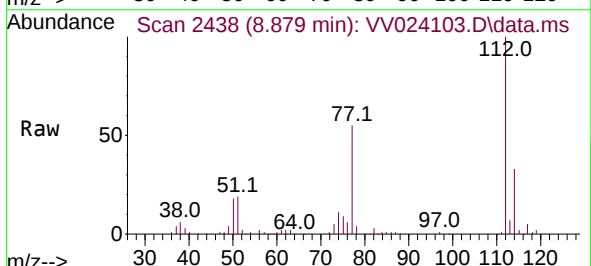
Tgt Ion:112 Resp: 106774

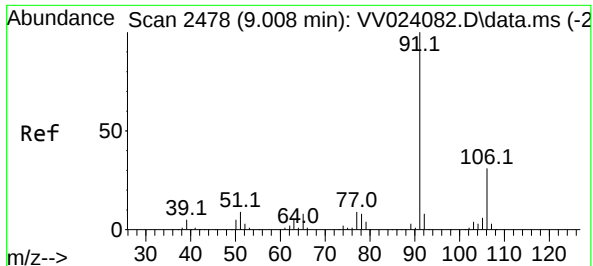
Ion Ratio Lower Upper

112 100

114 33.2 23.3 43.3

77 55.0 43.3 64.9





#52

Ethylbenzene

Concen: 5.029 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Instrument :

MSVOA_V

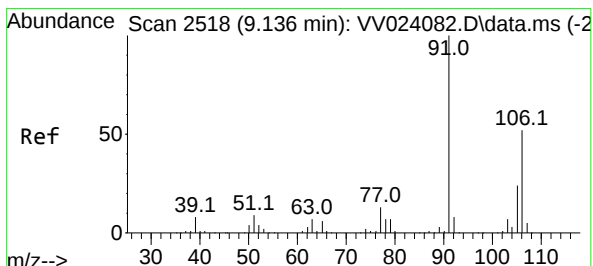
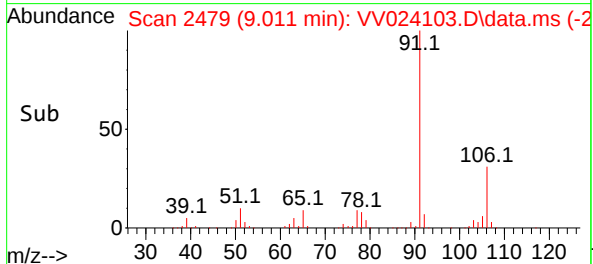
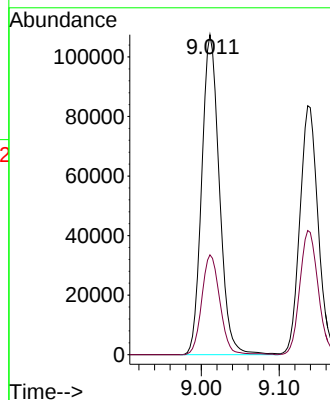
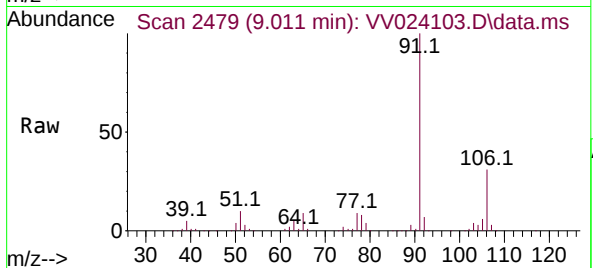
ClientSampleId :

Tgt Ion: 91 Resp: 168904

Ion Ratio Lower Upper

91 100

106 31.2 22.0 41.0



#53

m,p-xylene

Concen: 5.138 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV024103.D

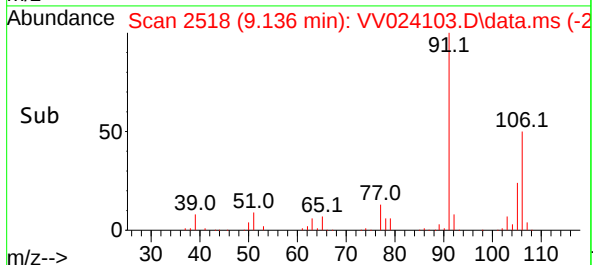
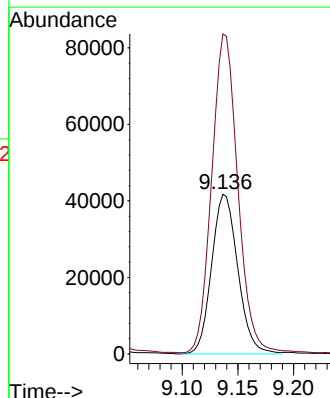
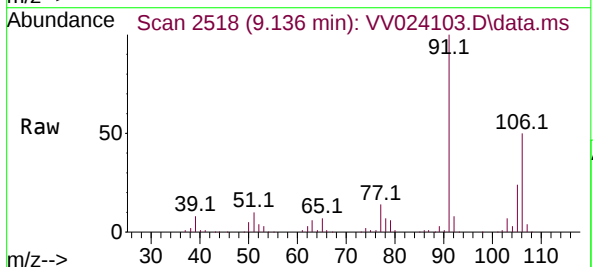
Acq: 19 Dec 2021 21:01

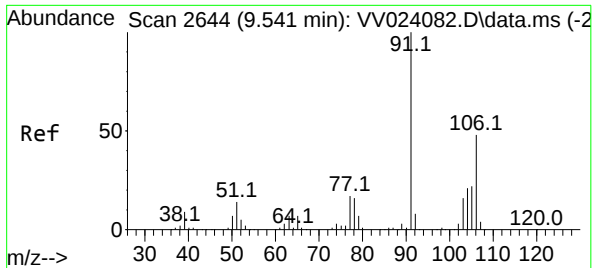
Tgt Ion:106 Resp: 68243

Ion Ratio Lower Upper

106 100

91 200.4 139.5 259.1

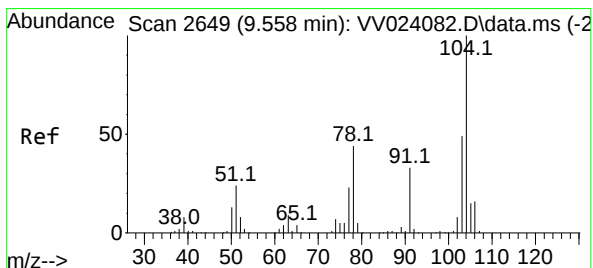
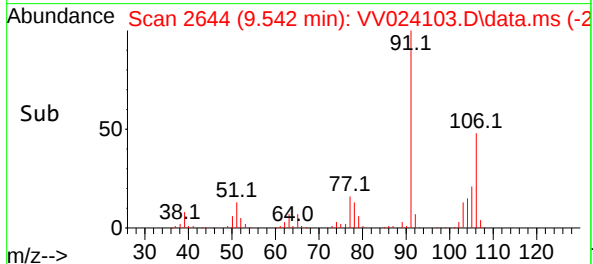
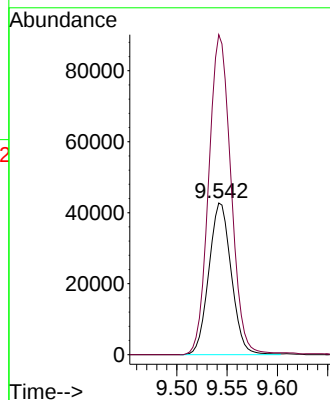
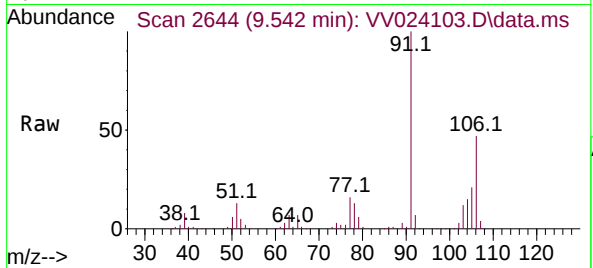




#54
o-xylene
Concen: 5.166 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

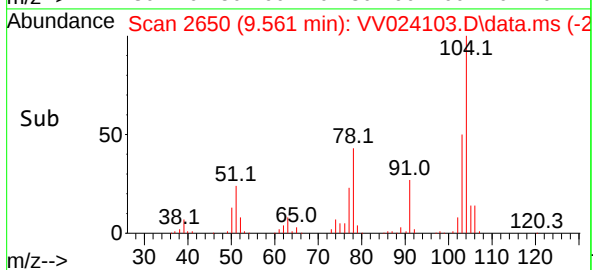
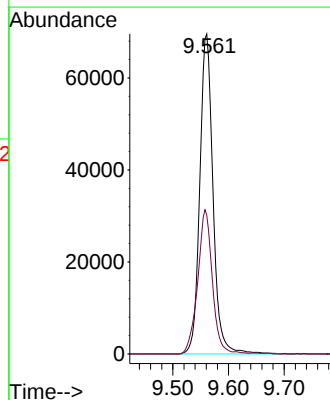
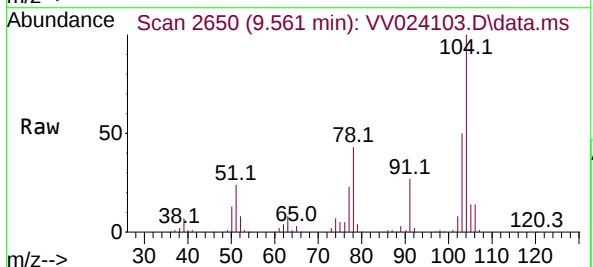
Instrument :
MSVOA_V
ClientSampleId :

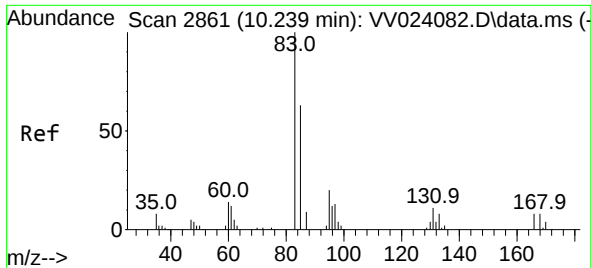
Tgt Ion:106 Resp: 66355
Ion Ratio Lower Upper
106 100
91 210.9 147.9 274.7



#55
Styrene
Concen: 5.375 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion:104 Resp: 114941
Ion Ratio Lower Upper
104 100
78 43.4 31.0 57.6

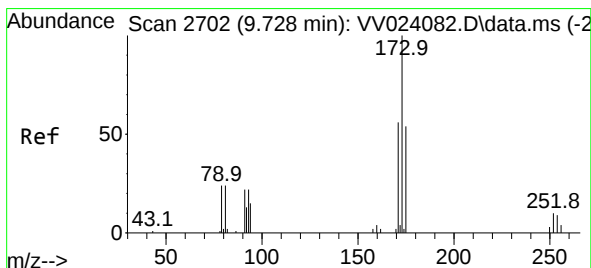
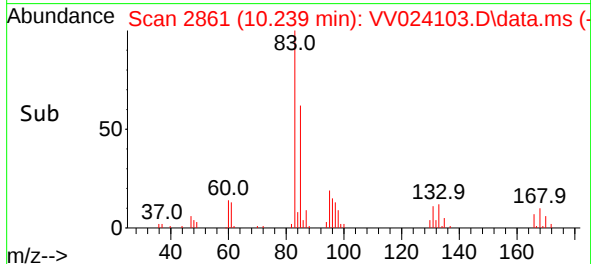
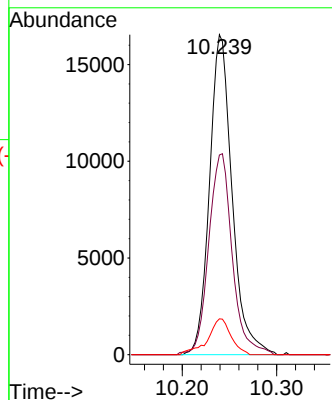
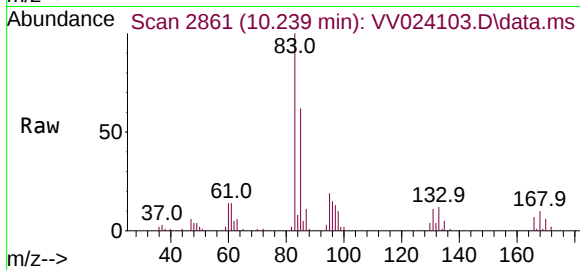




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.041 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

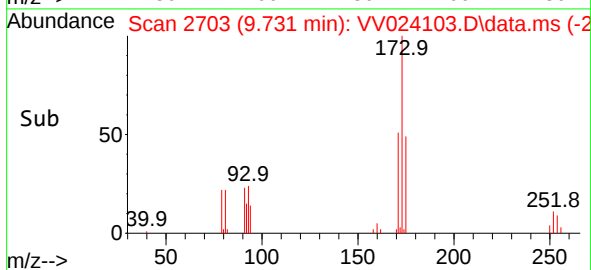
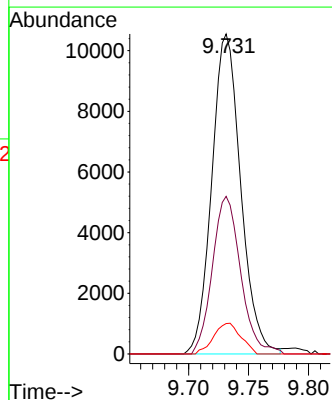
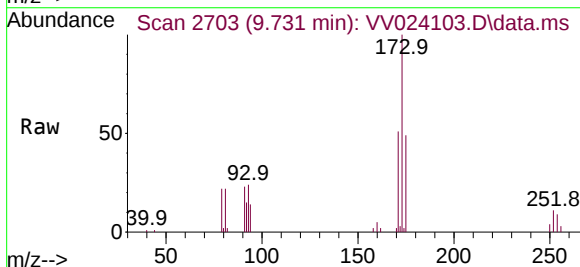
Instrument :
 MSVOA_V
 ClientSampleId :

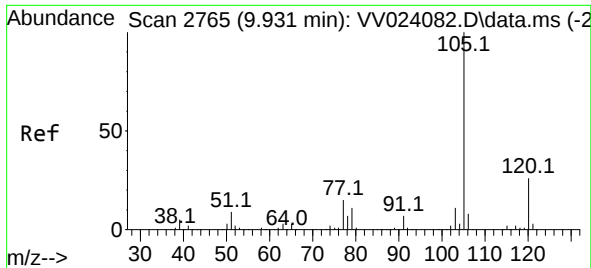
Tgt Ion: 83 Resp: 27455
 Ion Ratio Lower Upper
 83 100
 85 62.4 44.6 82.8
 131 11.2 8.3 12.5



#59
 Bromoform
 Concen: 4.411 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

Tgt Ion: 173 Resp: 17676
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.4 59.2
 254 9.0 7.4 11.0

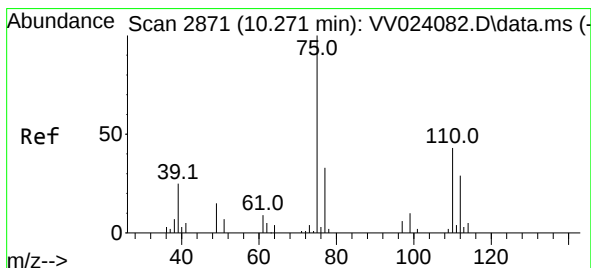
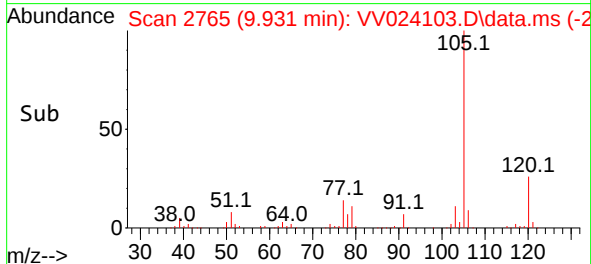
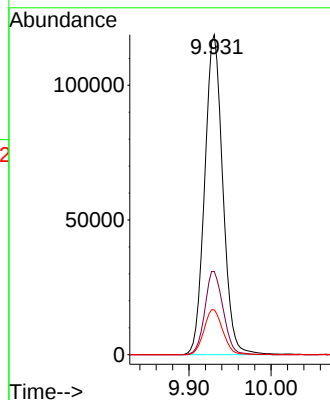
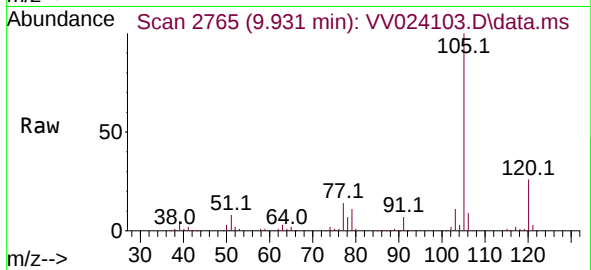




#60
Isopropylbenzene
Concen: 4.963 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

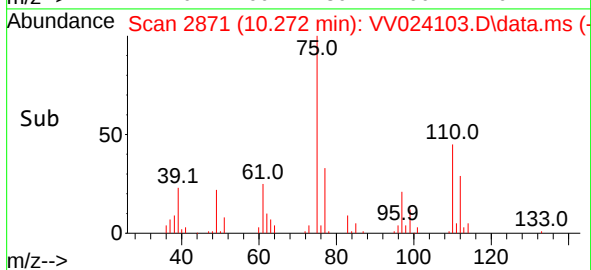
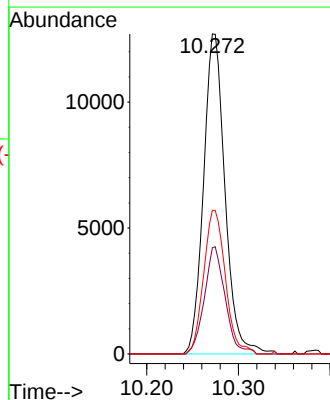
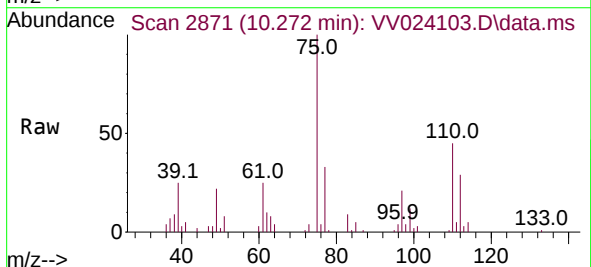
Instrument :
MSVOA_V
ClientSampleId :

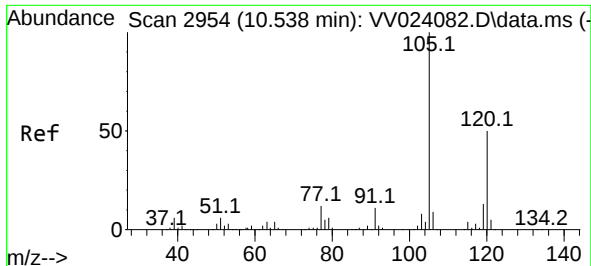
Tgt Ion:105 Resp: 181971
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.0
77 14.6 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.862 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

Tgt Ion: 75 Resp: 20683
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 45.4 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.776 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Instrument :

MSVOA_V

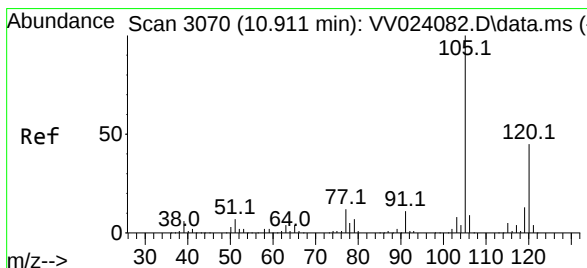
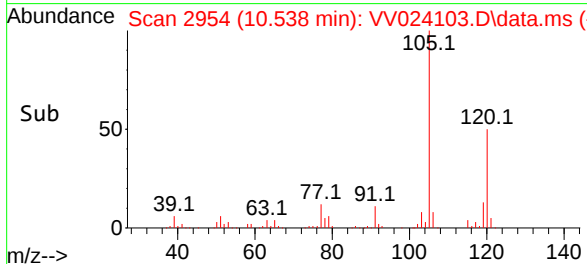
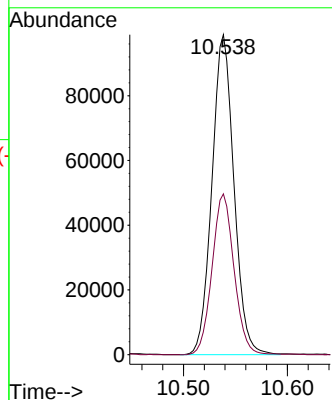
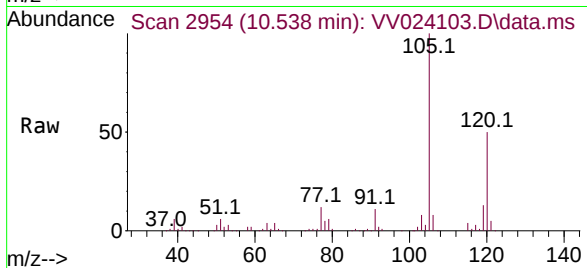
ClientSampleId :

Tgt Ion:105 Resp: 145260

Ion Ratio Lower Upper

105 100

120 50.2 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.853 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024103.D

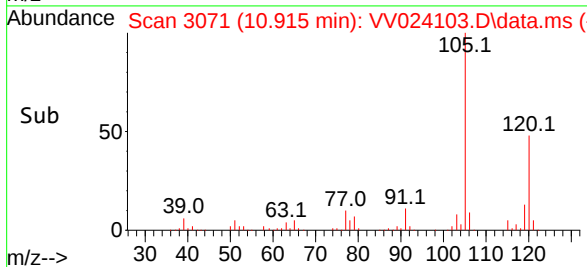
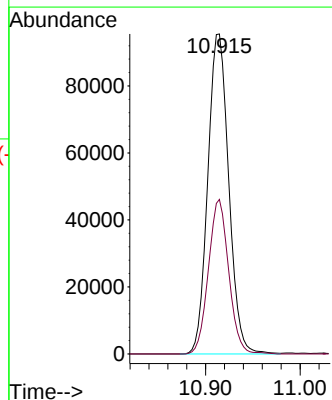
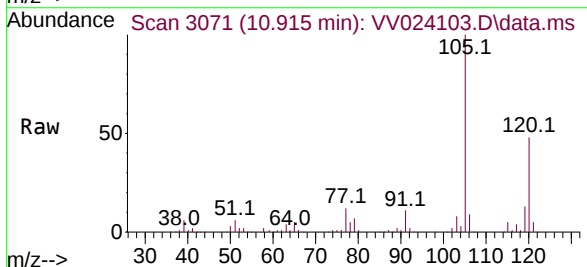
Acq: 19 Dec 2021 21:01

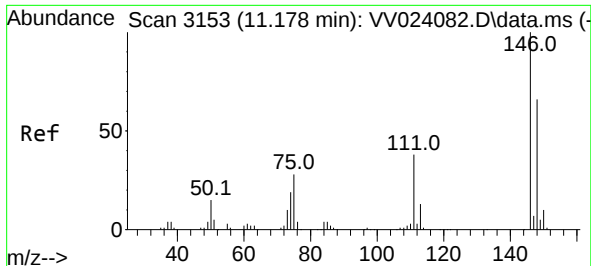
Tgt Ion:105 Resp: 147038

Ion Ratio Lower Upper

105 100

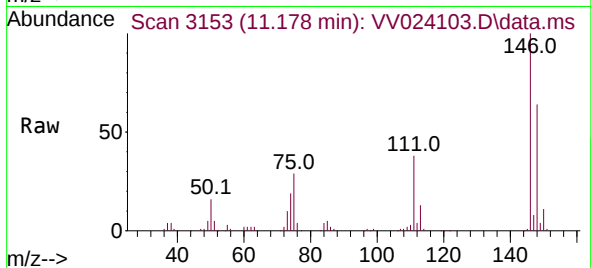
120 46.8 36.7 55.1



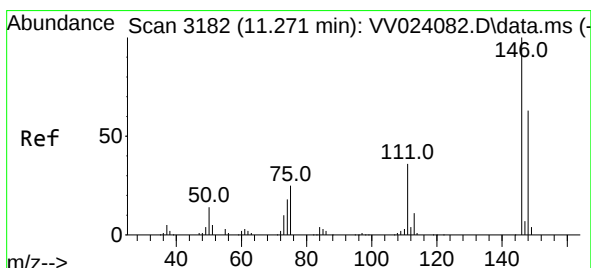
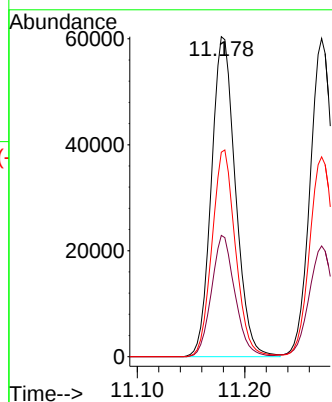
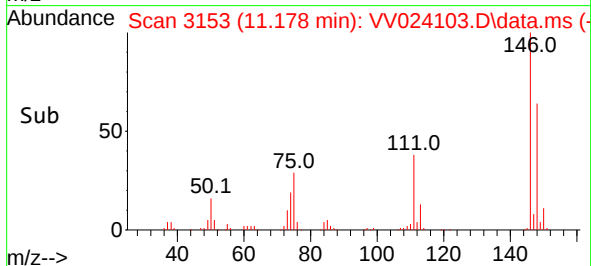


#64
1,3-Dichlorobenzene
Concen: 5.011 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

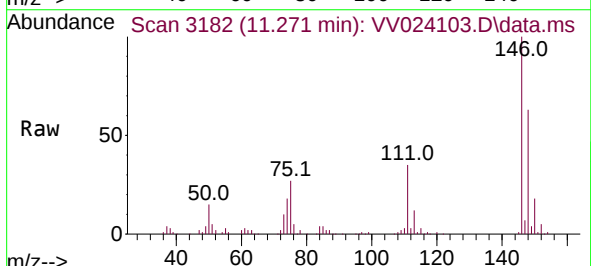
Instrument :
MSVOA_V
ClientSampleId :



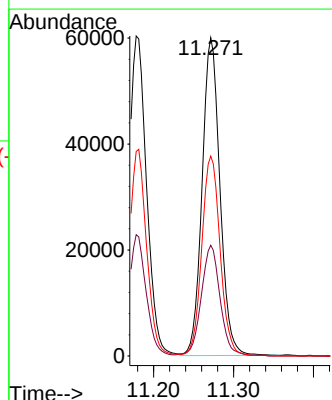
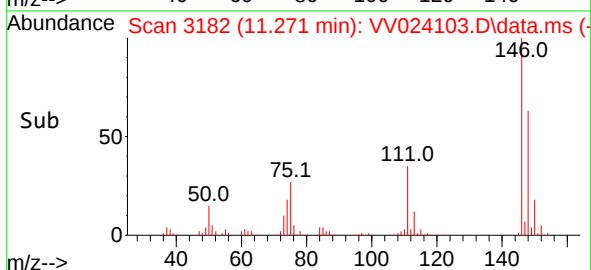
Tgt Ion:146 Resp: 93967
Ion Ratio Lower Upper
146 100
111 37.9 26.3 48.9
148 63.9 44.4 82.5

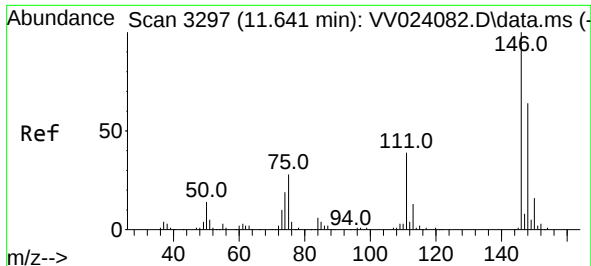


#65
1,4-Dichlorobenzene
Concen: 4.952 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01



Tgt Ion:146 Resp: 93262
Ion Ratio Lower Upper
146 100
111 34.8 25.6 47.6
148 62.8 44.8 83.2

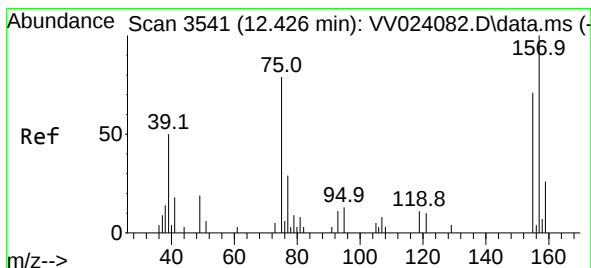
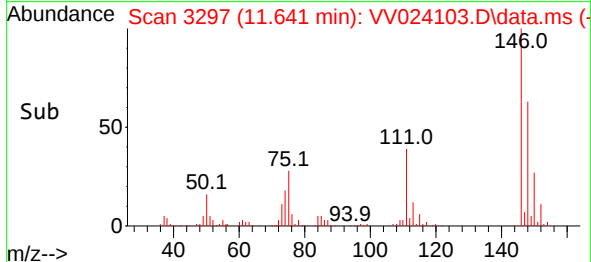
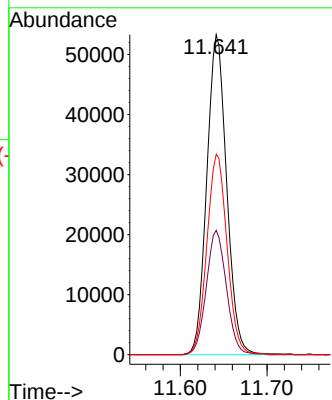
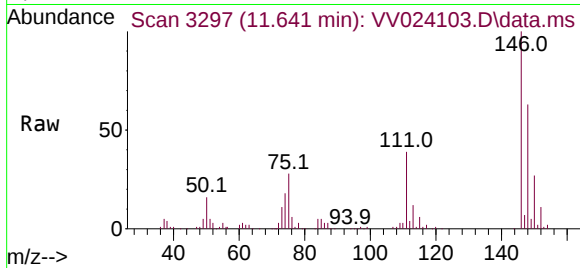




#67
1,2-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

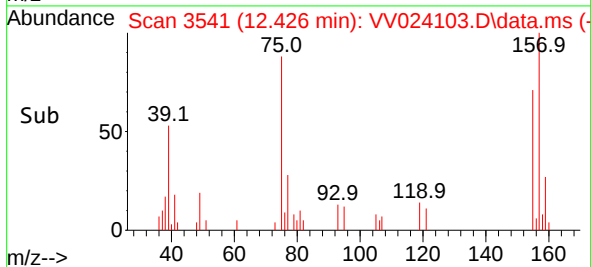
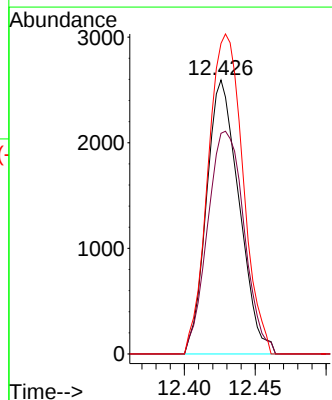
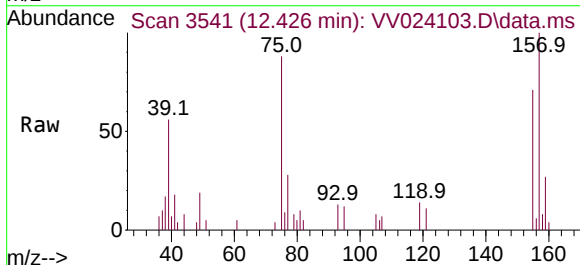
Instrument :
MSVOA_V
ClientSampleId :

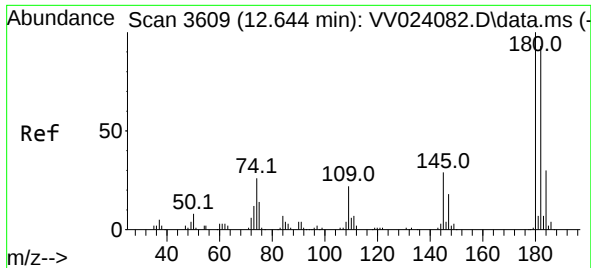
Tgt Ion:146 Resp: 84840
Ion Ratio Lower Upper
146 100
111 38.8 31.9 47.9
148 62.6 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.466 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024103.D
Acq: 19 Dec 2021 21:01

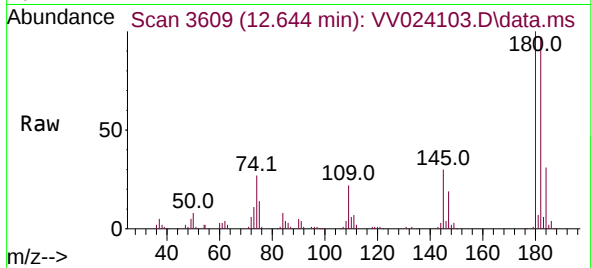
Tgt Ion: 75 Resp: 4149
Ion Ratio Lower Upper
75 100
155 80.6 71.7 107.5
157 113.4 103.3 154.9



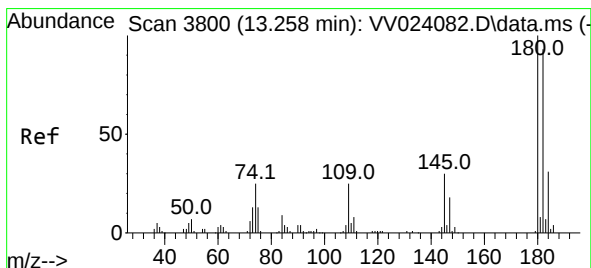
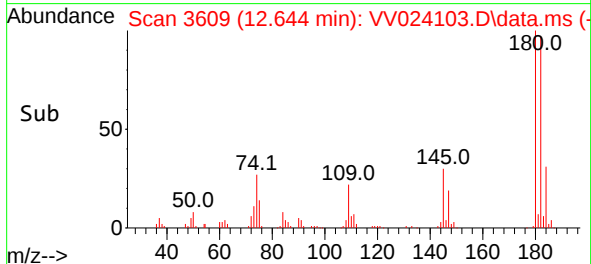
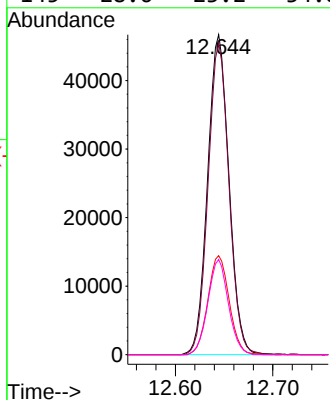


#69
 1,3,5-Trichlorobenzene
 Concen: 4.614 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

Instrument :
 MSVOA_V
 ClientSampleId :

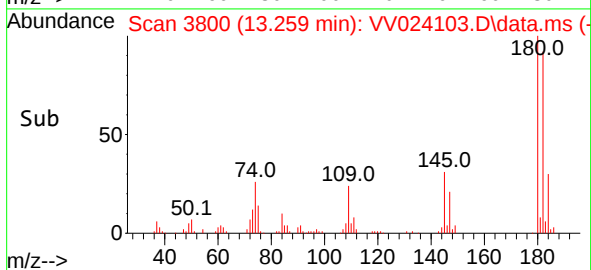
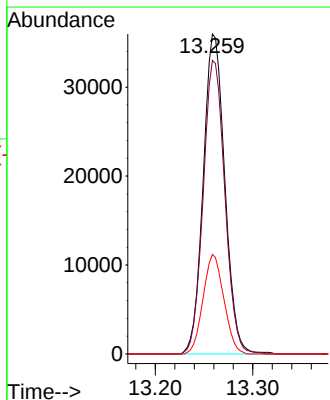
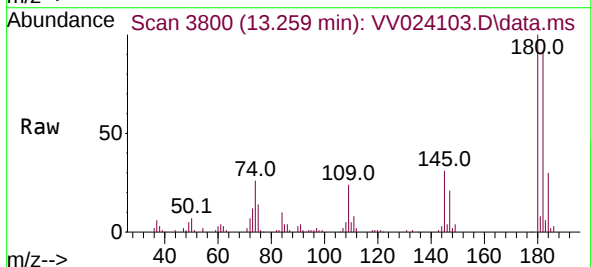


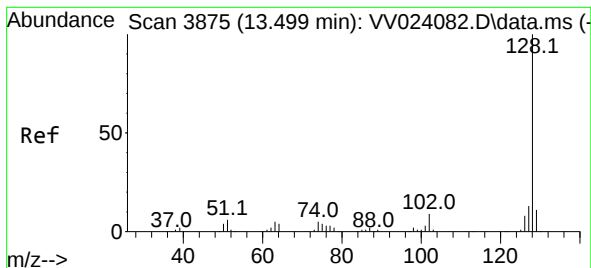
Tgt Ion:180 Resp: 71155
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.4 114.6
 184 30.9 24.2 36.4
 145 28.6 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.570 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024103.D
 Acq: 19 Dec 2021 21:01

Tgt Ion:180 Resp: 55354
 Ion Ratio Lower Upper
 180 100
 182 91.8 74.4 111.6
 145 29.9 23.3 34.9





#71

Naphthalene

Concen: 4.455 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Instrument :

MSVOA_V

ClientSampleId :

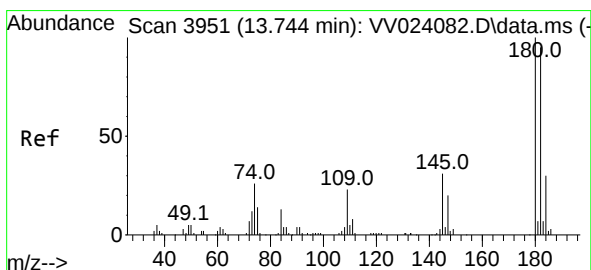
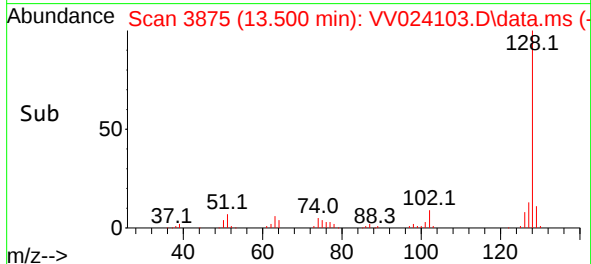
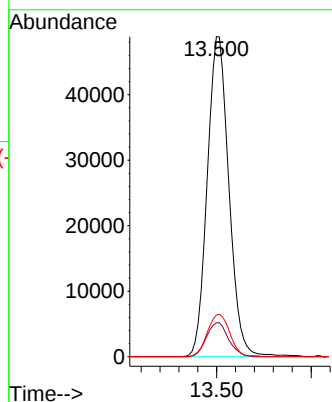
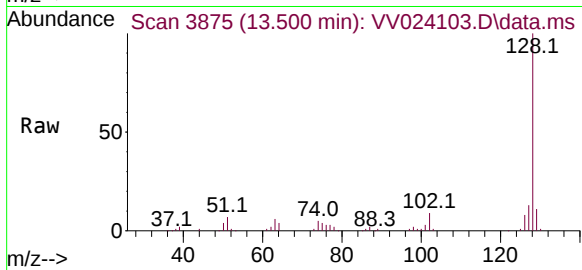
Tgt Ion:128 Resp: 77553

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 13.8 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.587 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV024103.D

Acq: 19 Dec 2021 21:01

Tgt Ion:180 Resp: 49049

Ion Ratio Lower Upper

180 100

182 97.9 76.8 115.2

145 31.4 25.8 38.6

