

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030922\
 Data File : VW024884.D
 Acq On : 09 Mar 2022 15:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 10 05:32:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 02 01:20:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	325575	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	320121	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	165600	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	121594	36.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.460%
7) Chloroethane-d5	1.568	69	106653	41.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.120%
11) 1,1-Dichloroethene-d2	2.108	63	225838	40.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.280%
21) 2-Butanone-d5	3.889	46	185011	98.201	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	4.346	84	251918	43.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.180%
26) 1,2-Dichloroethane-d4	5.031	65	147619	43.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.580%
32) Benzene-d6	5.047	84	503694	42.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
36) 1,2-Dichloropropane-d6	6.066	67	161413	43.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.320%
41) Toluene-d8	7.313	98	453346	43.127	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.260%
43) trans-1,3-Dichloroprop...	7.619	79	72251	44.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
47) 2-Hexanone-d5	8.085	63	137666	98.108	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.110%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	192232	43.841	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.680%
66) 1,2-Dichlorobenzene-d4	11.622	152	166782	43.722	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	148340	48.258	ug/L	100
3) Chloromethane	1.243	50	144872	45.556	ug/L	98
5) Vinyl chloride	1.314	62	155142	47.548	ug/L	99
6) Bromomethane	1.523	94	96682	49.602	ug/L	96
8) Chloroethane	1.587	64	94346	49.338	ug/L	99
9) Trichlorofluoromethane	1.754	101	206370	49.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	122587	49.539	ug/L	99
12) 1,1-Dichloroethene	2.118	96	113851	47.243	ug/L	95
13) Acetone	2.188	43	165464	115.014	ug/L	98
14) Carbon disulfide	2.294	76	355042	48.226	ug/L	99
15) Methyl Acetate	2.436	43	125556	50.805	ug/L	98
16) Methylene chloride	2.507	84	140085	49.634	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	129131	49.546	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	394771	49.677	ug/L	100
19) 1,1-Dichloroethane	3.188	63	233381	49.663	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	139932	49.600	ug/L	98
22) 2-Butanone	3.973	43	191760	116.245	ug/L	97
23) Bromochloromethane	4.246	128	70173	49.735	ug/L	98
25) Chloroform	4.371	83	239470	49.056	ug/L	99

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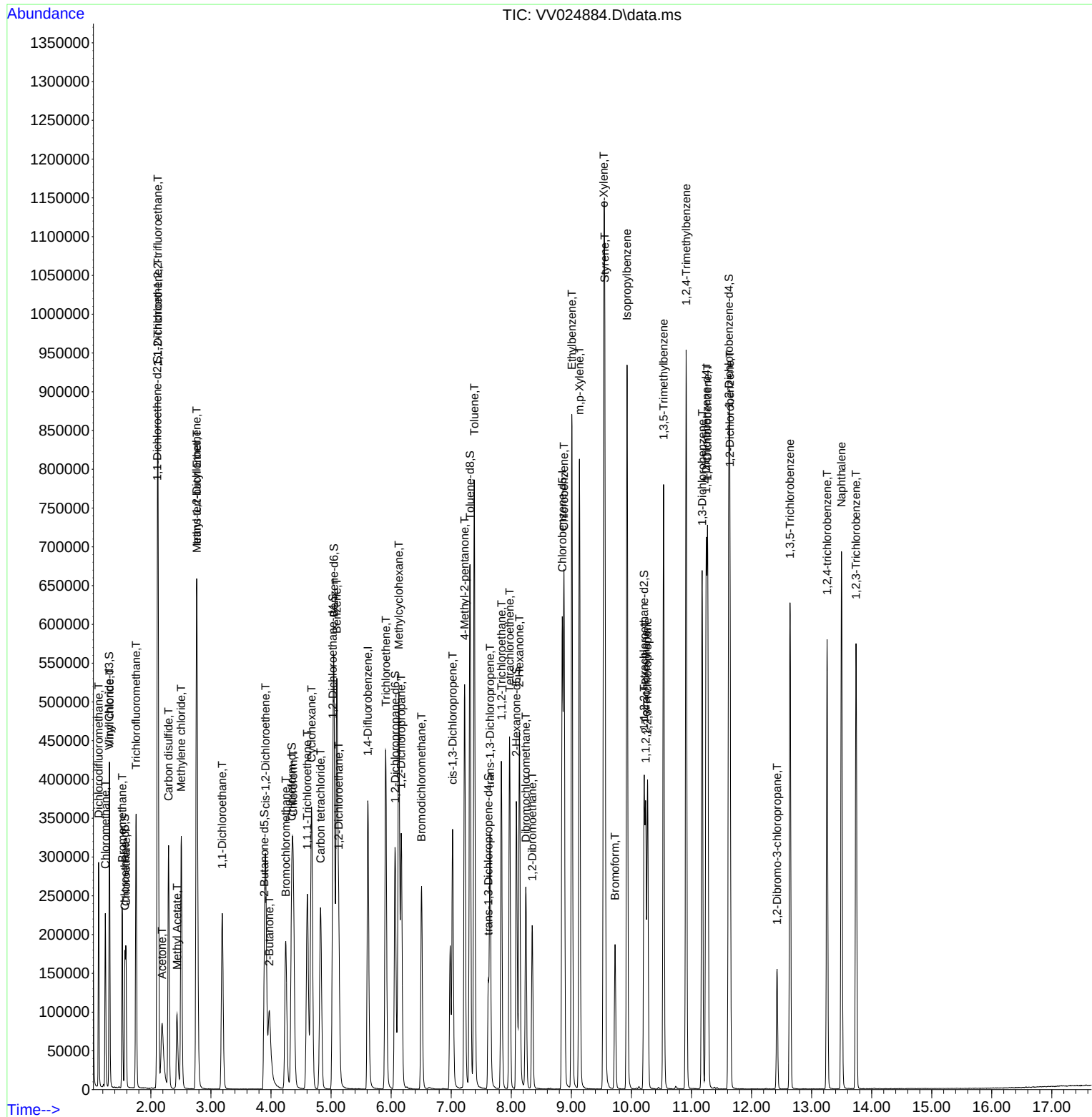
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	172544	50.652	ug/L	99
29) Cyclohexane	4.674	56	207774	49.619	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	206931	49.091	ug/L	99
31) Carbon tetrachloride	4.825	117	177326	49.477	ug/L	99
33) Benzene	5.095	78	537848	49.784	ug/L	100
34) Trichloroethene	5.912	95	151520	51.160	ug/L	99
35) Methylcyclohexane	6.127	83	230468	51.290	ug/L	99
37) 1,2-Dichloropropane	6.169	63	137088	50.567	ug/L	100
38) Bromodichloromethane	6.506	83	178325	50.196	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	212038	51.967	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	332457	102.858	ug/L	99
42) Toluene	7.384	91	571573	50.701	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	196855	52.515	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	132493	50.299	ug/L	99
46) Tetrachloroethene	7.973	164	96060	50.221	ug/L	97
48) 2-Hexanone	8.137	43	268603	105.591	ug/L	97
49) Dibromochloromethane	8.243	129	134358	52.782	ug/L	100
50) 1,2-Dibromoethane	8.349	107	139829	51.474	ug/L	100
51) Chlorobenzene	8.879	112	353976	49.774	ug/L	99
52) Ethylbenzene	9.008	91	612542	51.517	ug/L	99
53) m,p-Xylene	9.137	106	233558	51.120	ug/L	100
54) o-Xylene	9.542	106	227464	51.525	ug/L	99
55) Styrene	9.558	104	398371	53.184	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	178783	48.525	ug/L	99
59) Bromoform	9.728	173	80226	53.181	ug/L	100
60) Isopropylbenzene	9.928	105	603861	50.211	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	160561	48.456	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	416108	51.281	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	513230	51.605	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	267507	50.690	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	266546	49.335	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	262269	49.380	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	38444	50.823	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	180311	50.616	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	160522	51.718	ug/L	99
71) Naphthalene	13.500	128	540414	53.739	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	159905	52.247	ug/L	100

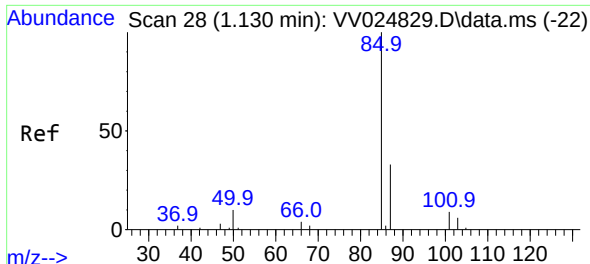
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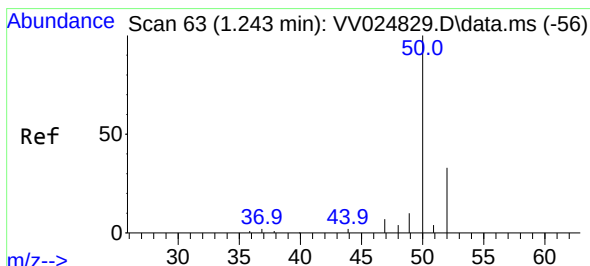
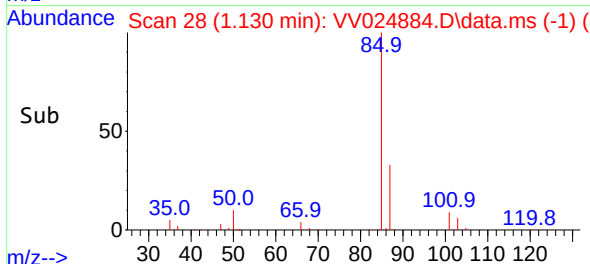
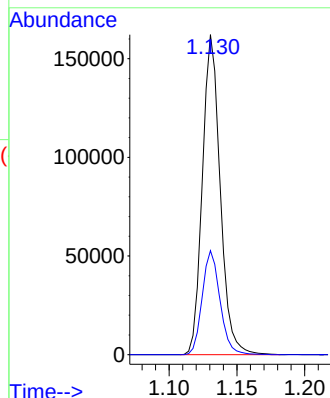
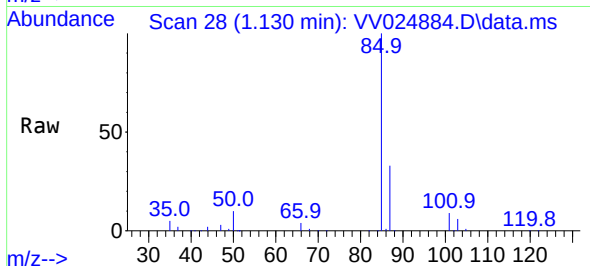




#2
 Dichlorodifluoromethane
 Concen: 48.258 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024884.D
 Acq: 09 Mar 2022 15:59

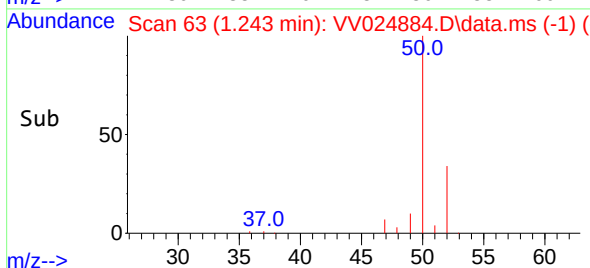
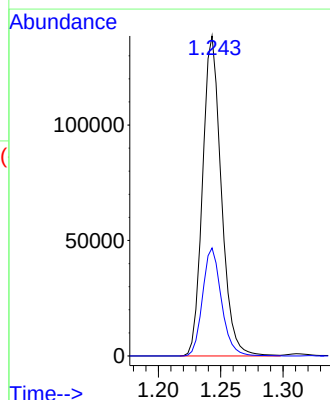
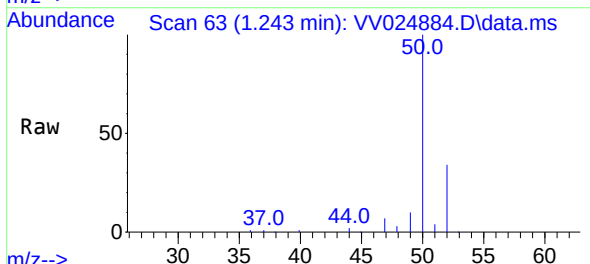
Instrument :
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 ClientSampleId :

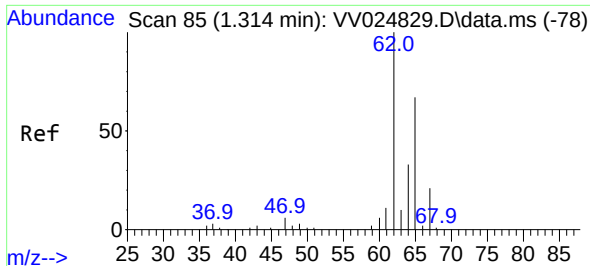
Tgt Ion: 85 Resp: 148340
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 45.556 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024884.D
 Acq: 09 Mar 2022 15:59

Tgt Ion: 50 Resp: 144872
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.8 42.4

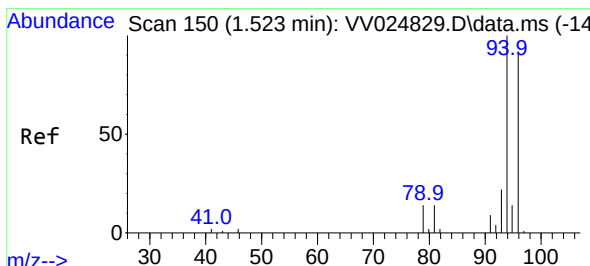
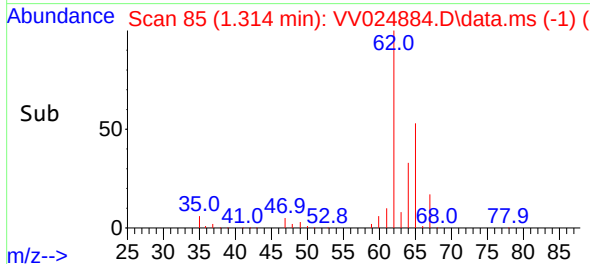
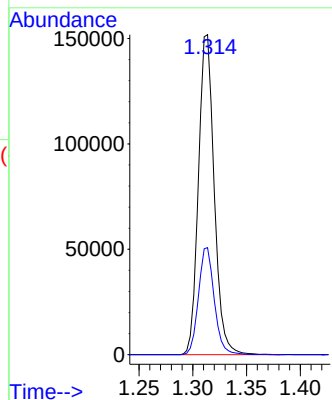
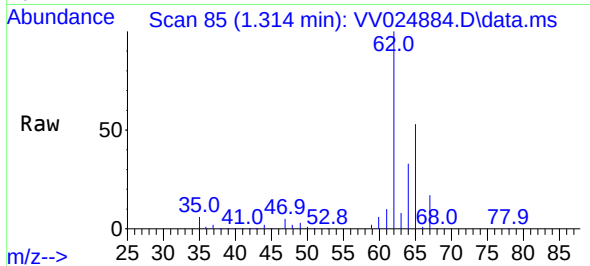




#5
 Vinyl chloride
 Concen: 47.548 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV024884.D
 Acq: 09 Mar 2022 15:59

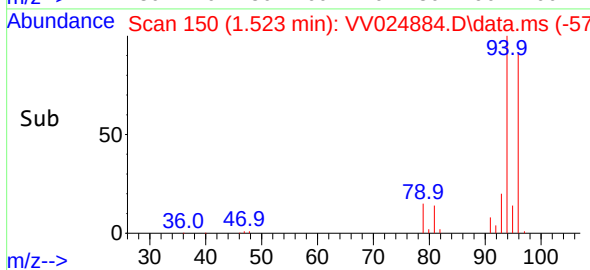
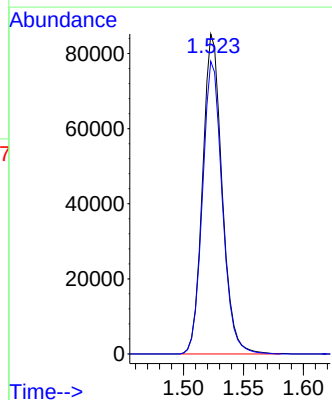
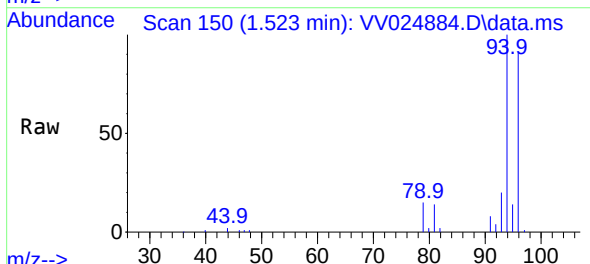
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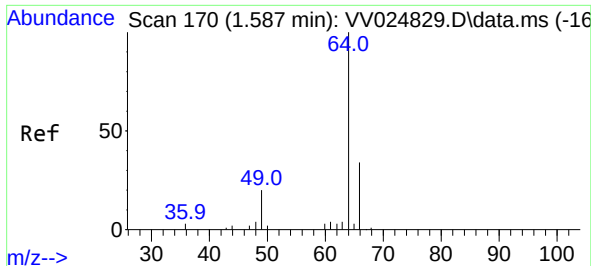
Tgt Ion: 62 Resp: 155142
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 49.602 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024884.D
 Acq: 09 Mar 2022 15:59

Tgt Ion: 94 Resp: 96682
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.7 123.9

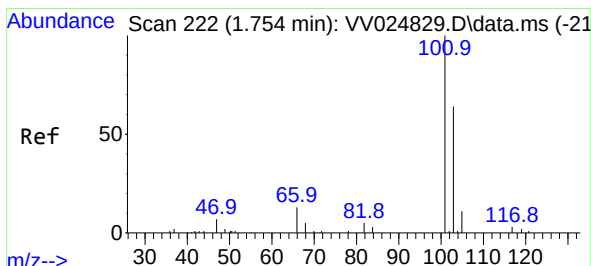
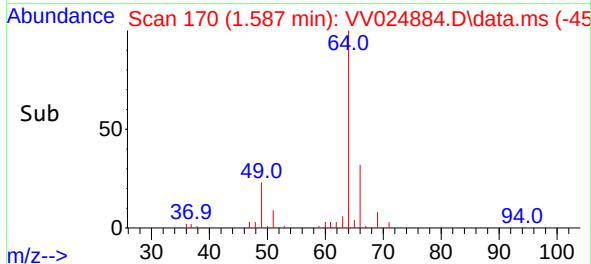
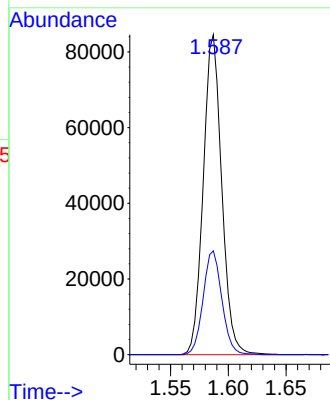
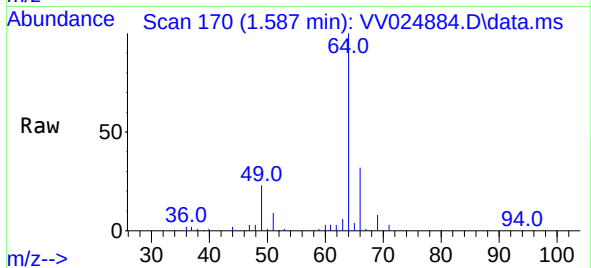




#8
Chloroethane
Concen: 49.338 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

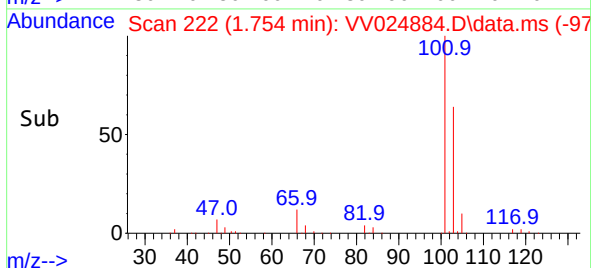
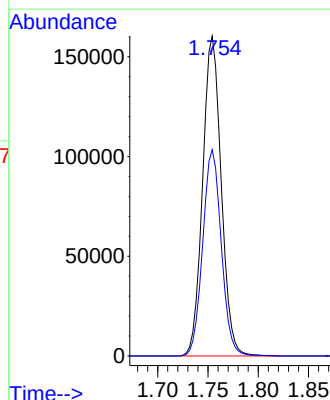
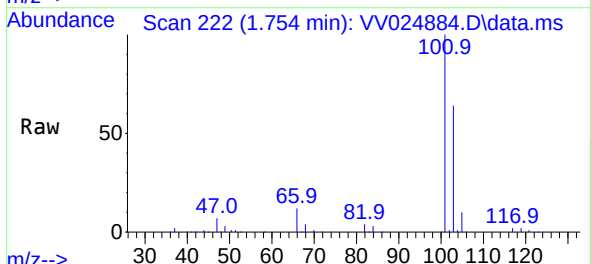
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MSVOA_V
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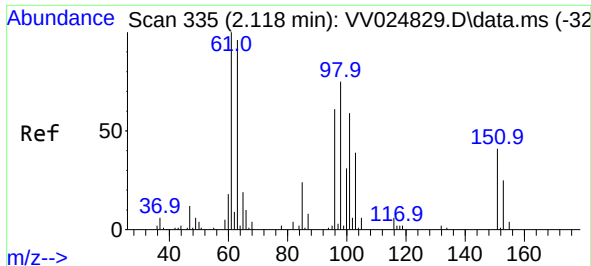
Tgt Ion: 64 Resp: 94346
Ion Ratio Lower Upper
64 100
66 32.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 49.457 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion:101 Resp: 206370
Ion Ratio Lower Upper
101 100
103 64.3 52.1 78.1

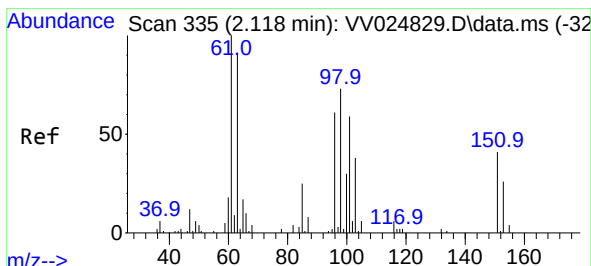
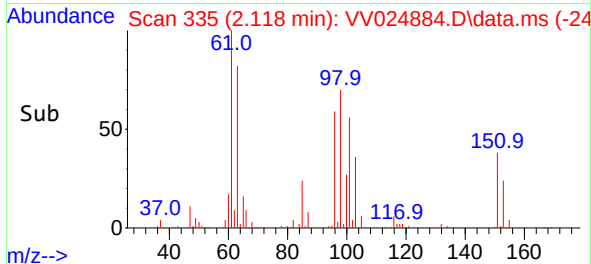
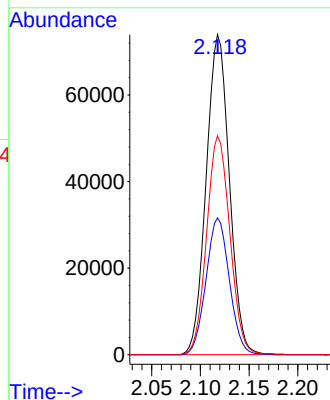
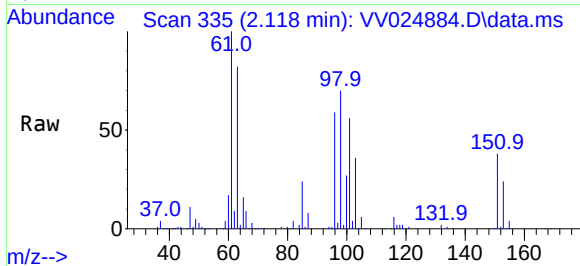




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.539 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

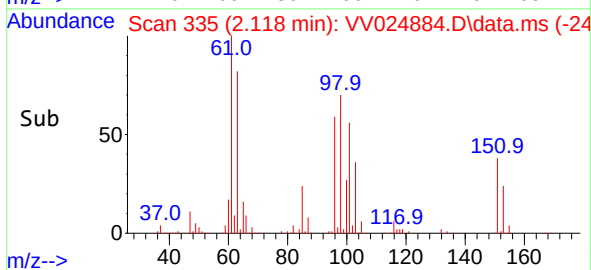
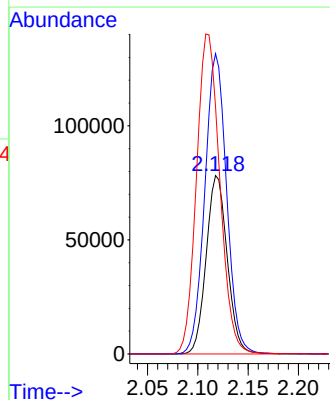
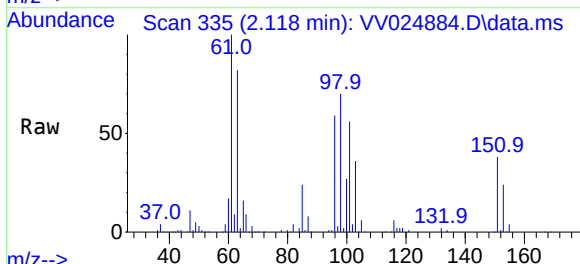
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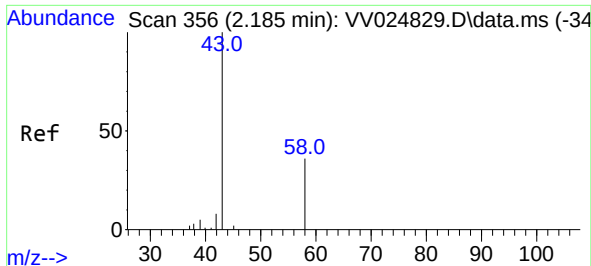
Tgt Ion:101 Resp: 122587
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.8
151 68.7 54.1 81.1



#12
1,1-Dichloroethene
Concen: 47.243 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 96 Resp: 113851
Ion Ratio Lower Upper
96 100
61 168.3 117.6 218.4
63 138.5 105.3 195.5

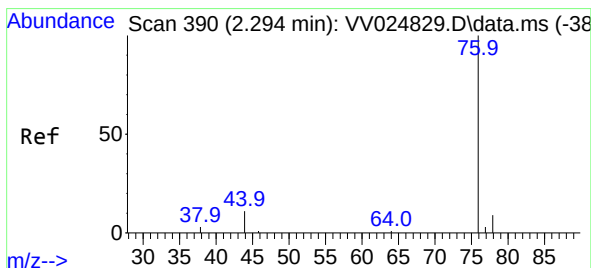
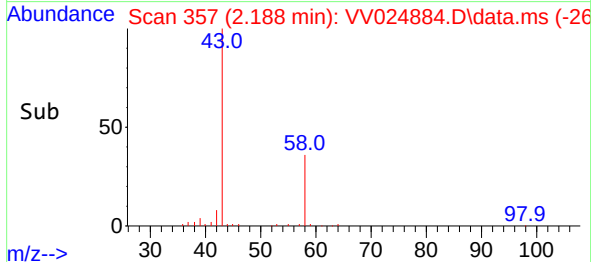
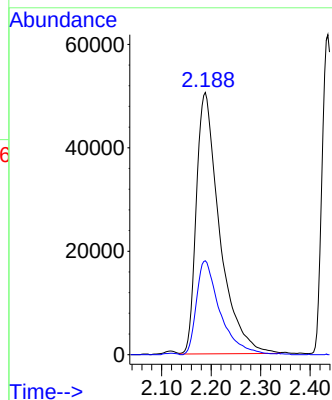
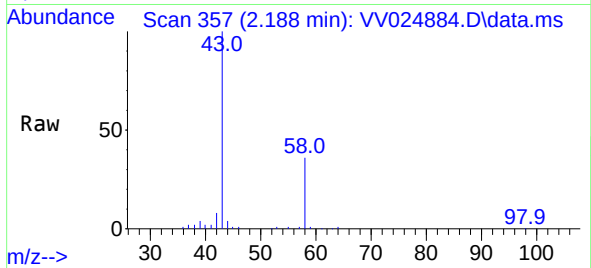




#13
Acetone
Concen: 115.014 ug/L
RT: 2.188 min Scan# 356
Delta R.T. 0.007 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

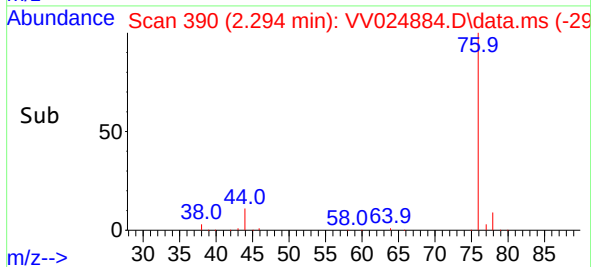
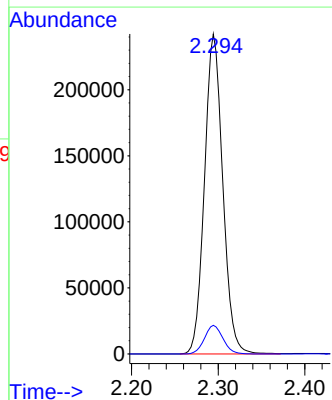
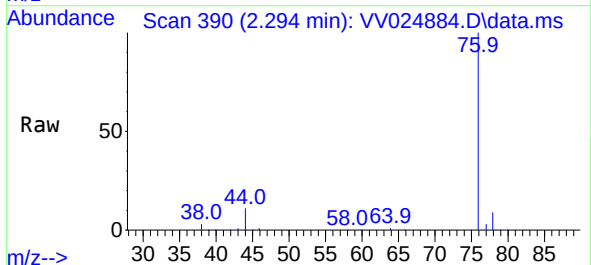
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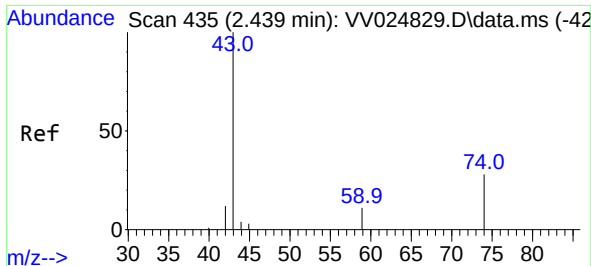
Tgt Ion: 43 Resp: 165464
Ion Ratio Lower Upper
43 100
58 36.4 0.0 70.0



#14
Carbon disulfide
Concen: 48.226 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 355042
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

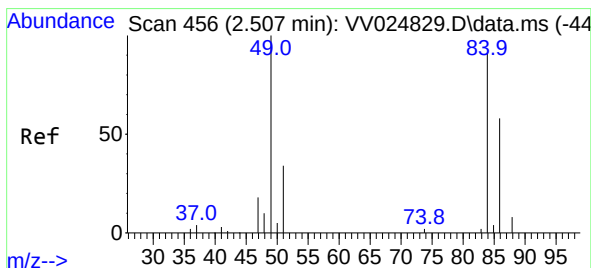
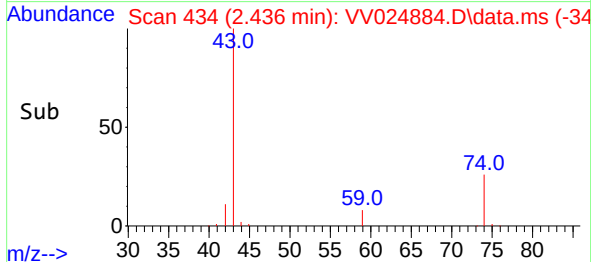
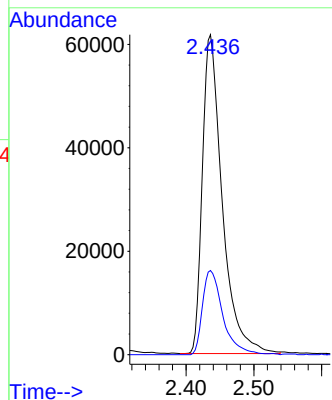
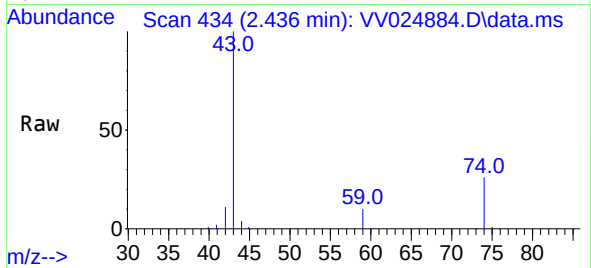




#15
Methyl Acetate
Concen: 50.805 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

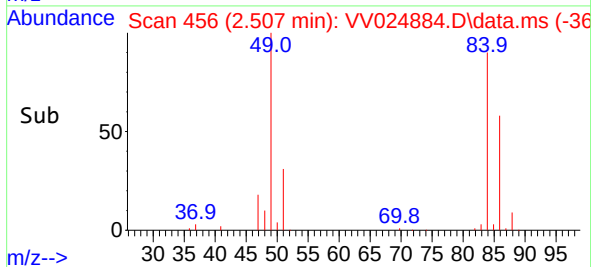
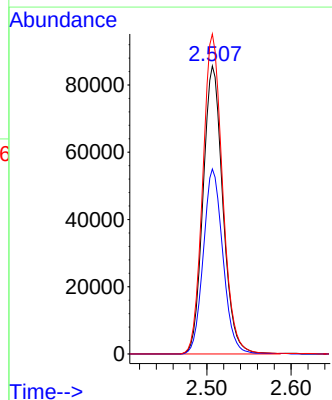
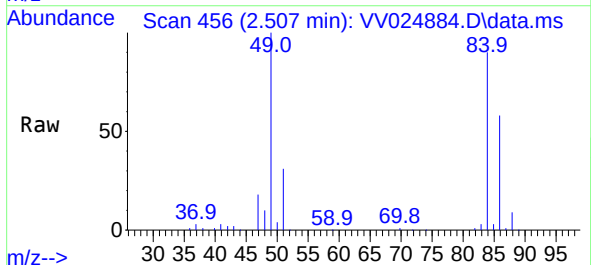
Instrument :
MSVOA_V
ClientSampleId :

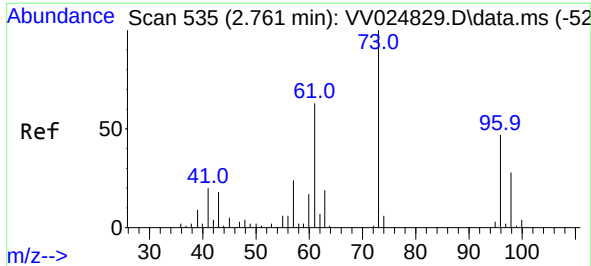
Tgt Ion: 43 Resp: 125556
Ion Ratio Lower Upper
43 100
74 27.0 21.0 31.4



#16
Methylene chloride
Concen: 49.634 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

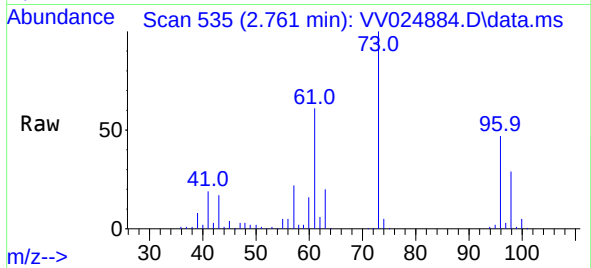
Tgt Ion: 84 Resp: 140085
Ion Ratio Lower Upper
84 100
86 64.2 44.3 82.3
49 111.1 80.7 149.9



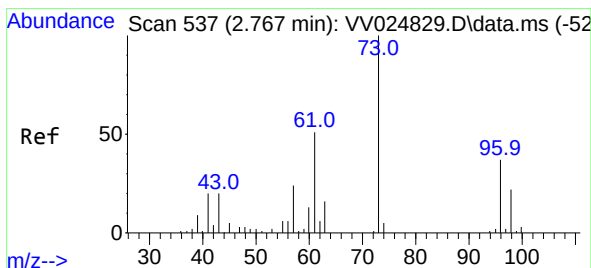
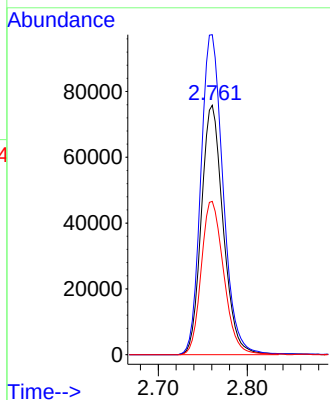
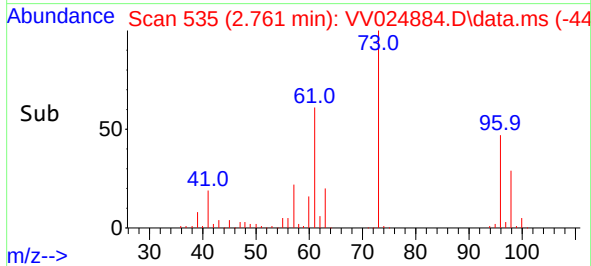


#17
trans-1,2-Dichloroethene
Concen: 49.546 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

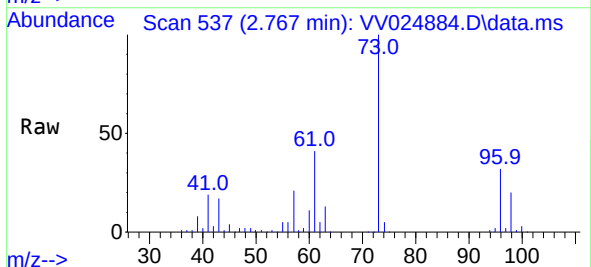
Instrument :
MSVOA_V
ClientSampleId :



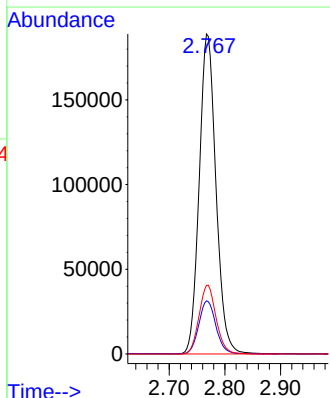
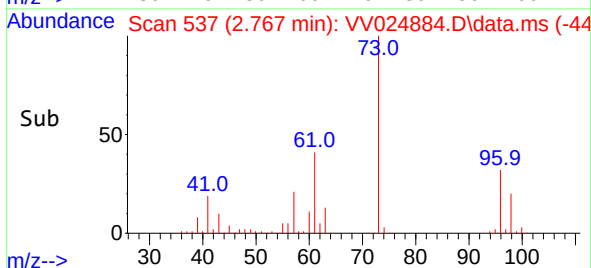
Tgt Ion: 96 Resp: 129131
Ion Ratio Lower Upper
96 100
61 128.3 93.7 173.9
98 61.5 43.7 81.1

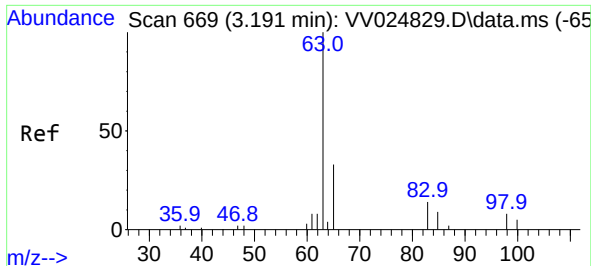


#18
Methyl tert-butyl Ether
Concen: 49.677 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59



Tgt Ion: 73 Resp: 394771
Ion Ratio Lower Upper
73 100
43 16.8 13.6 20.4
57 21.8 17.4 26.2

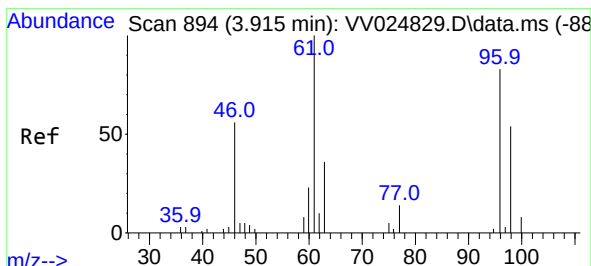
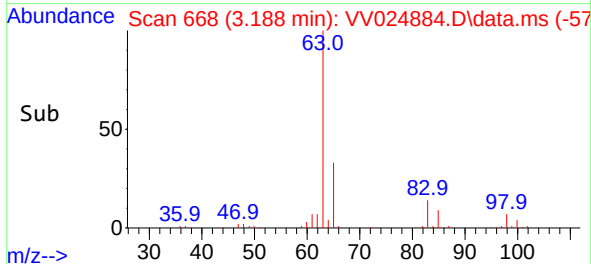
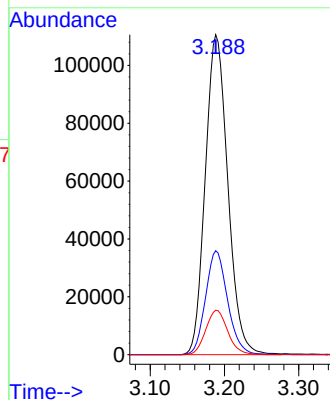
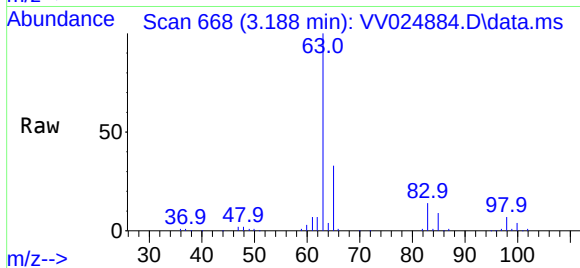




#19
1,1-Dichloroethane
Concen: 49.663 ug/L
RT: 3.188 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

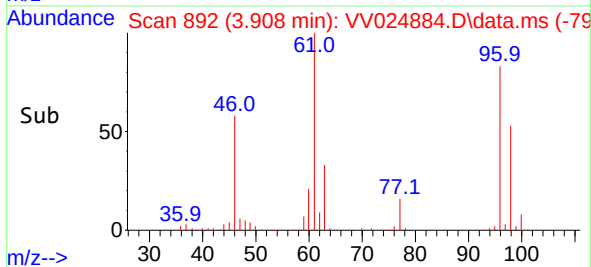
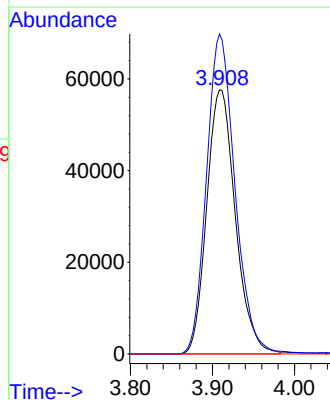
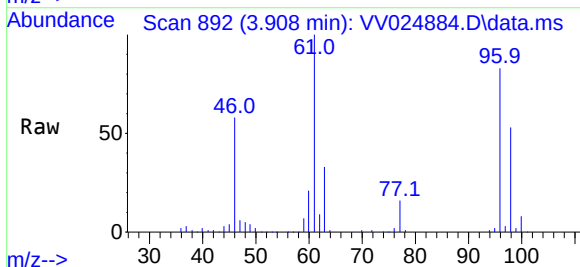
Instrument :
MSVOA_V
ClientSampleId :

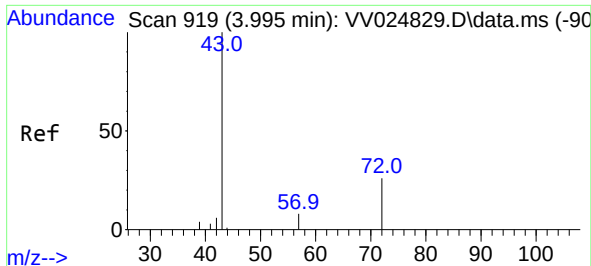
Tgt Ion: 63 Resp: 233381
Ion Ratio Lower Upper
63 100
65 32.5 22.0 40.8
83 13.9 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 49.600 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 96 Resp: 139932
Ion Ratio Lower Upper
96 100
61 121.2 86.1 159.9
68 0.0 0.0 0.0

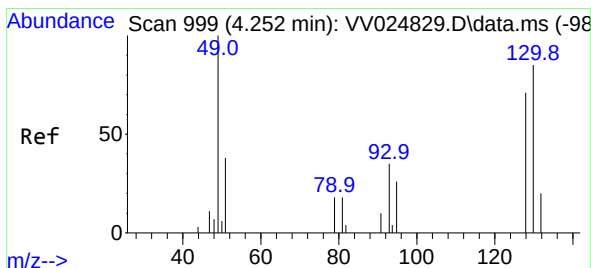
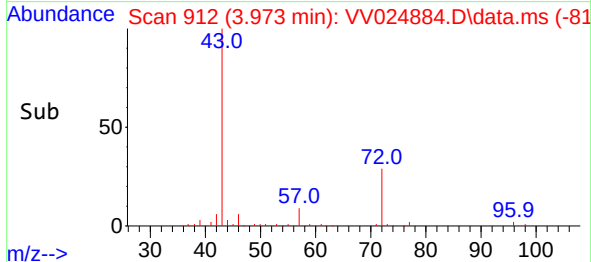
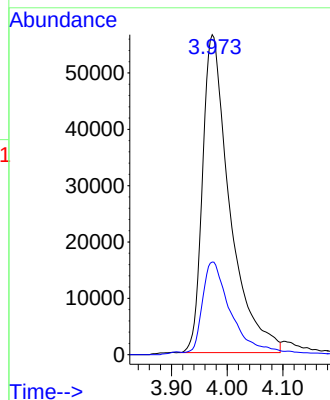
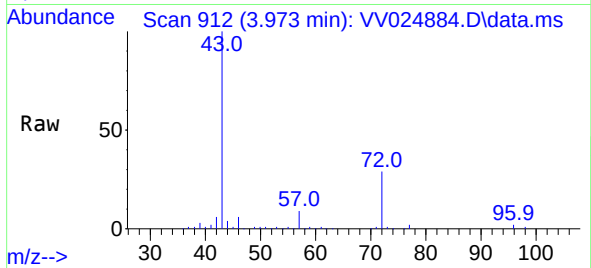




#22
2-Butanone
Concen: 116.245 ug/L
RT: 3.973 min Scan# 919
Delta R.T. 0.010 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

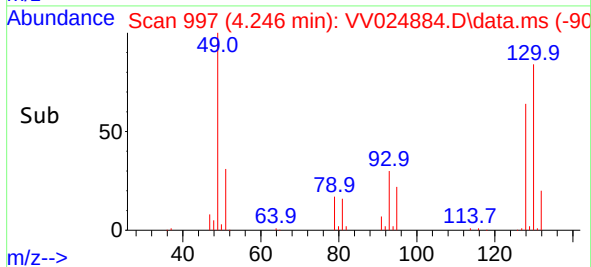
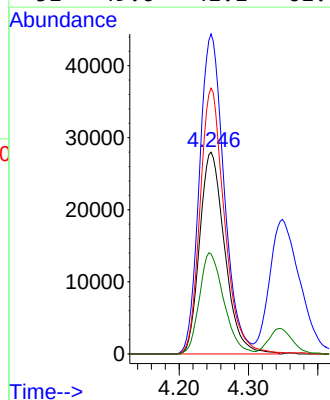
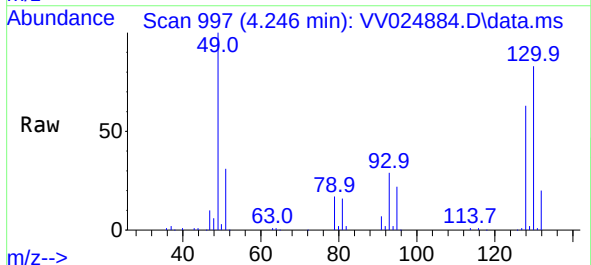
Instrument :
MSVOA_V
ClientSampleId :

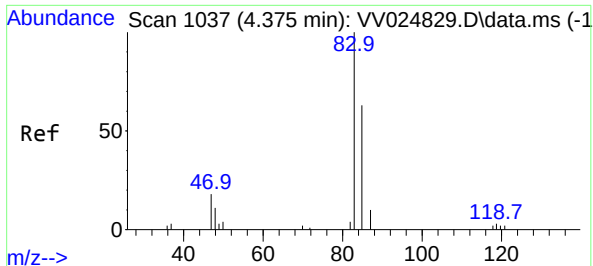
Tgt Ion: 43 Resp: 191760
Ion Ratio Lower Upper
43 100
72 29.2 13.9 41.6



#23
Bromochloromethane
Concen: 49.735 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion:128 Resp: 70173
Ion Ratio Lower Upper
128 100
49 158.5 110.9 205.9
130 131.7 88.5 164.3
51 49.6 41.1 61.7

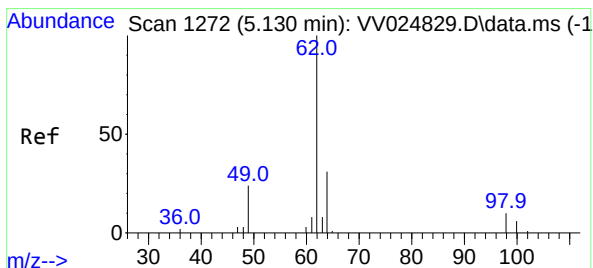
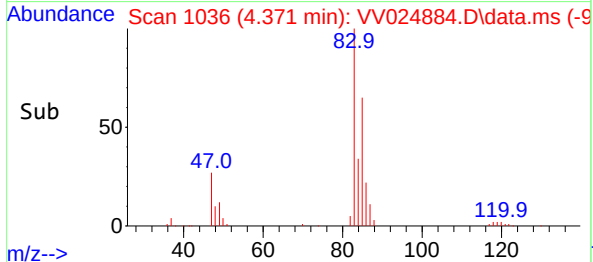
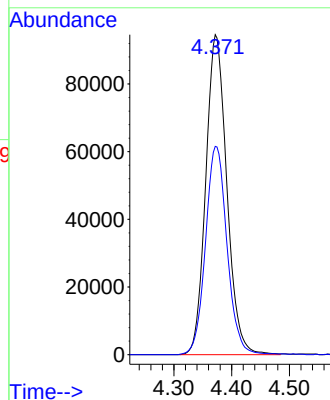
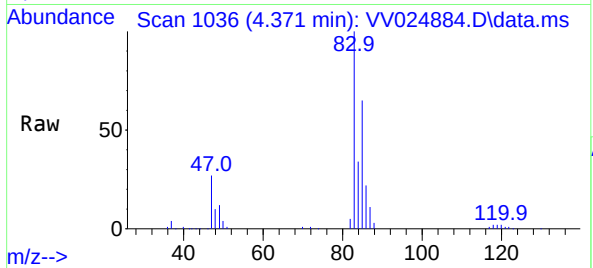




#25
Chloroform
Concen: 49.056 ug/L
RT: 4.371 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

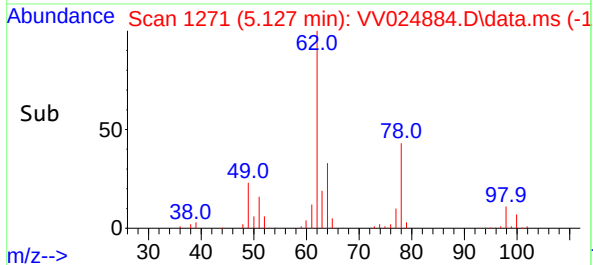
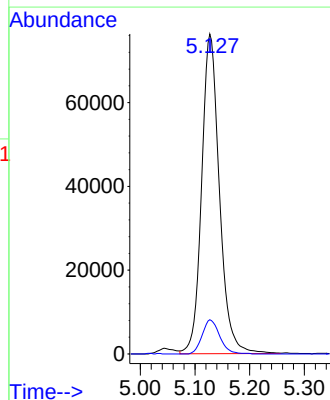
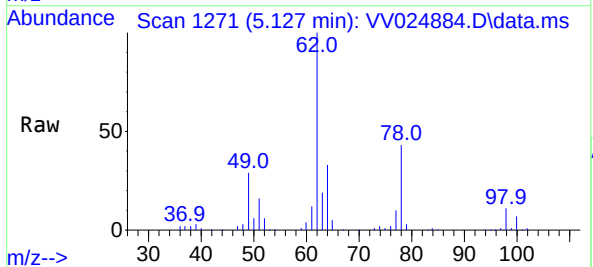
Instrument :
MSVOA_V
ClientSampleId :

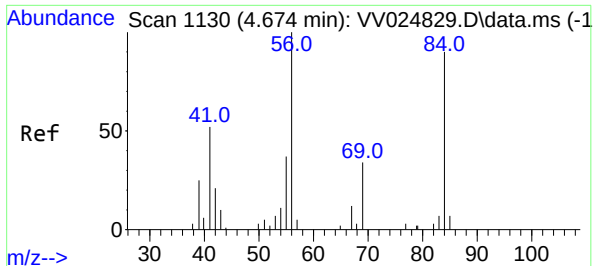
Tgt Ion: 83 Resp: 239470
Ion Ratio Lower Upper
83 100
85 65.1 46.0 85.4



#27
1,2-Dichloroethane
Concen: 50.652 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 62 Resp: 172544
Ion Ratio Lower Upper
62 100
98 10.7 8.2 12.4

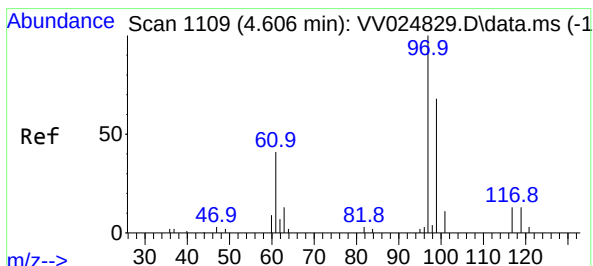
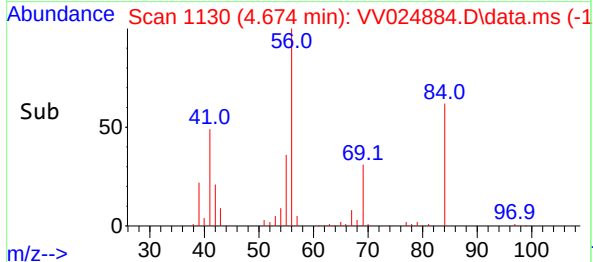
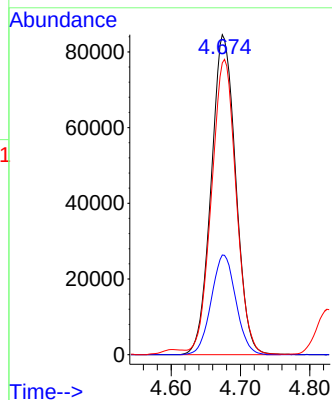
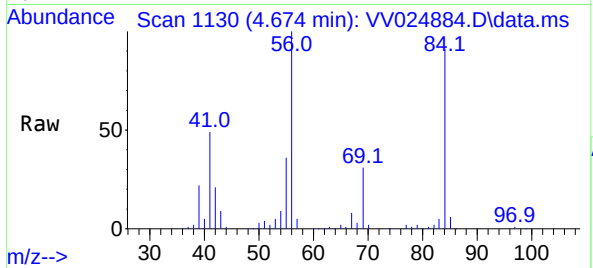




#29
Cyclohexane
Concen: 49.619 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

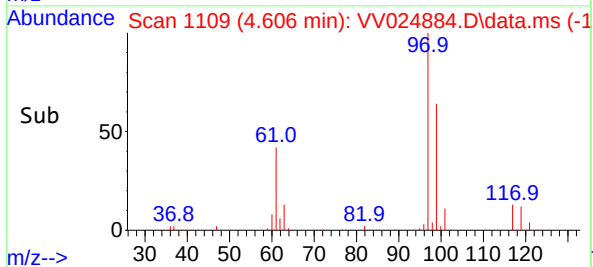
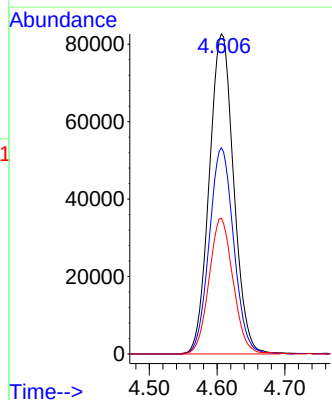
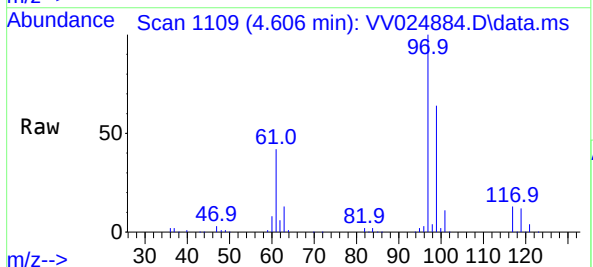
Instrument :
MSVOA_V
ClientSampleId :

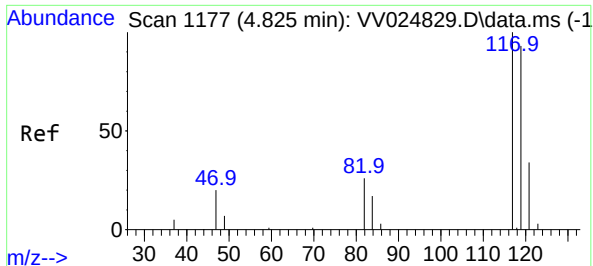
Tgt Ion: 56 Resp: 207774
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.6
84 92.8 73.4 110.2



#30
1,1,1-Trichloroethane
Concen: 49.091 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 97 Resp: 206931
Ion Ratio Lower Upper
97 100
99 64.6 51.5 77.3
61 41.7 33.8 50.8

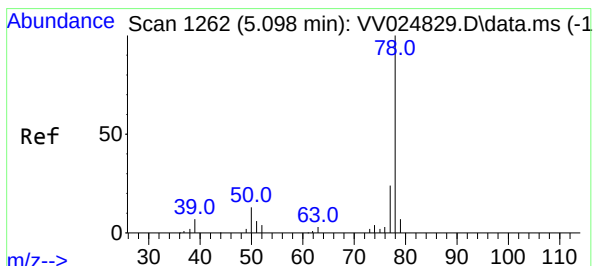
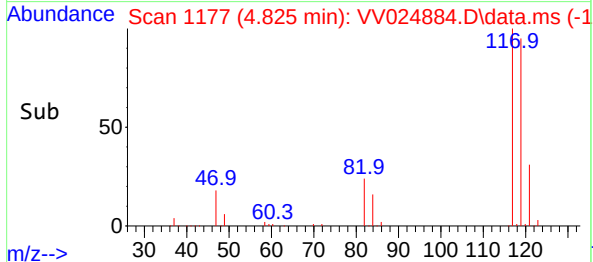
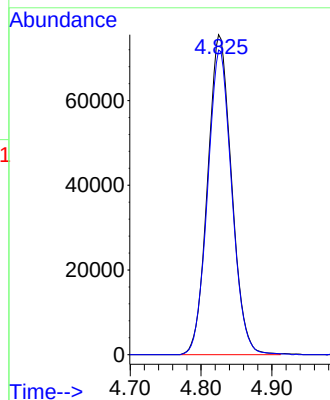
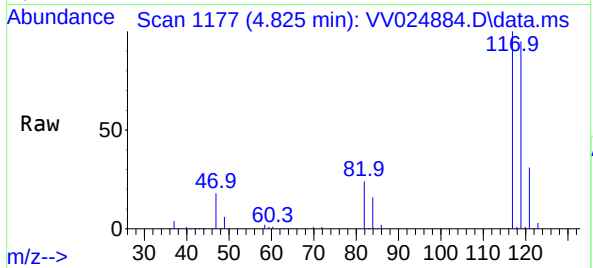




#31
Carbon tetrachloride
Concen: 49.477 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

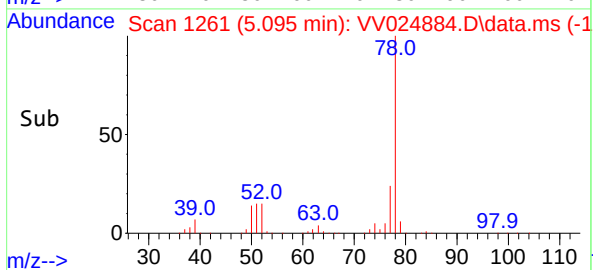
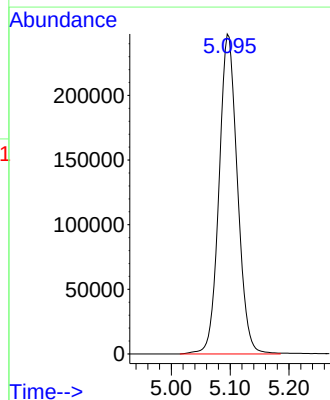
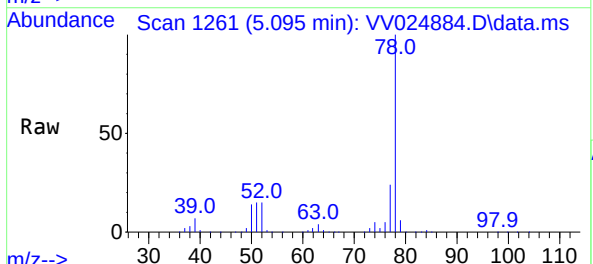
Instrument :
MSVOA_V
ClientSampleId :

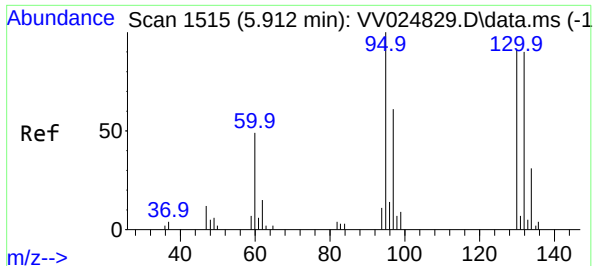
Tgt Ion:117 Resp: 177326
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8



#33
Benzene
Concen: 49.784 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 78 Resp: 537848

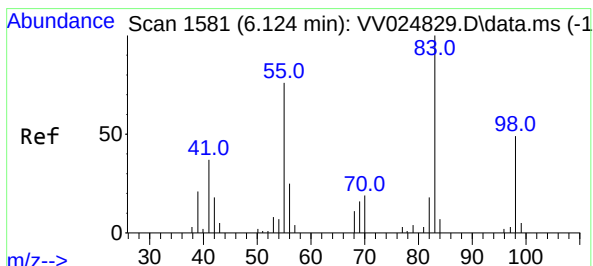
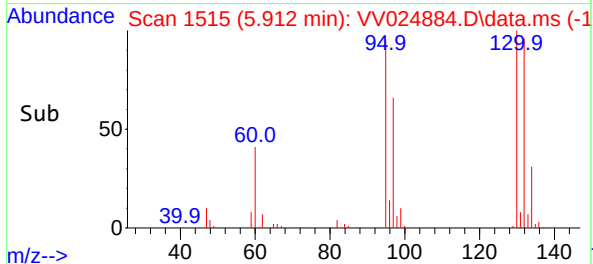
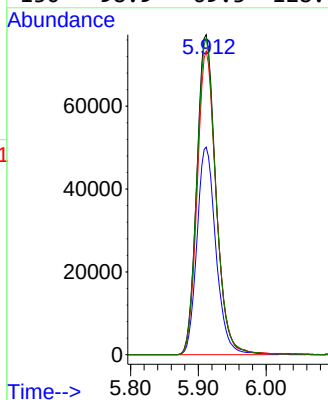
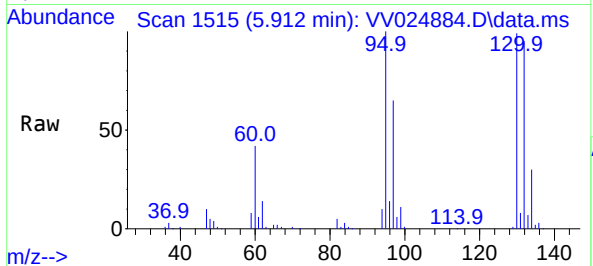




#34
Trichloroethene
Concen: 51.160 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

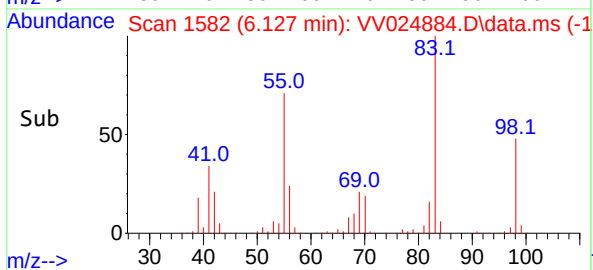
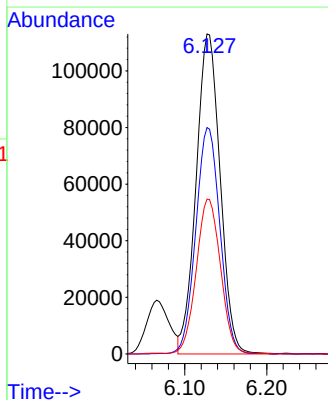
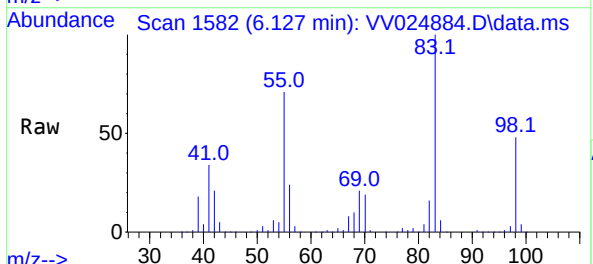
Instrument :
MSVOA_V
ClientSampleId :

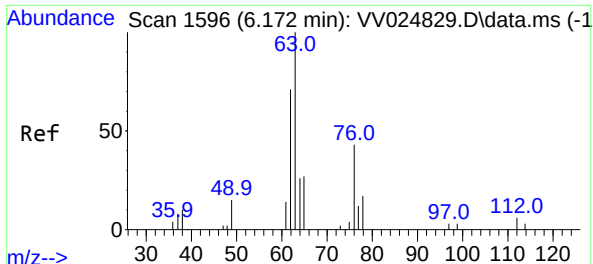
Tgt Ion: 95 Resp: 151520
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 94.9 65.0 120.6
130 98.9 69.3 128.7



#35
Methylcyclohexane
Concen: 51.290 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 83 Resp: 230468
Ion Ratio Lower Upper
83 100
55 71.1 57.7 86.5
98 48.7 38.9 58.3

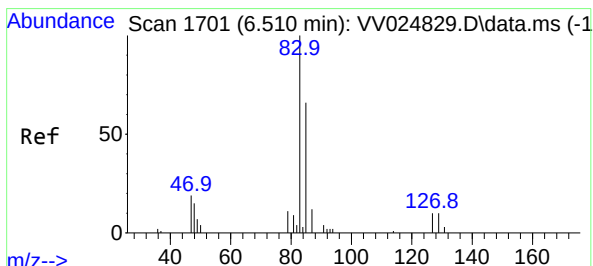
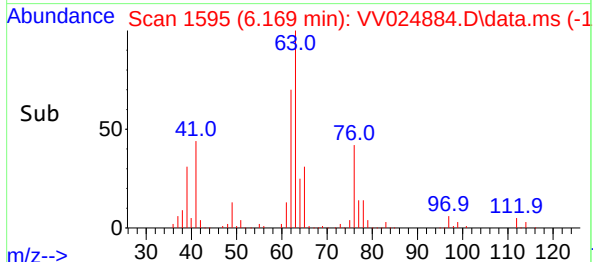
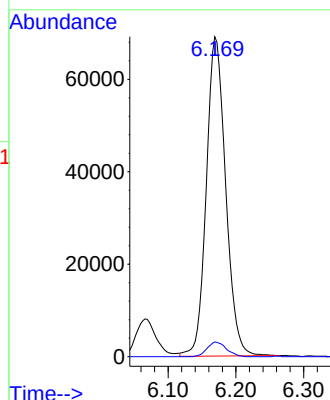
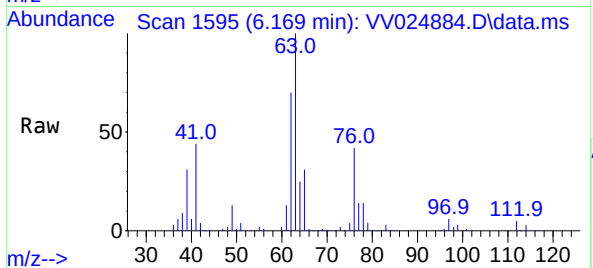




#37
1,2-Dichloropropane
Concen: 50.567 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

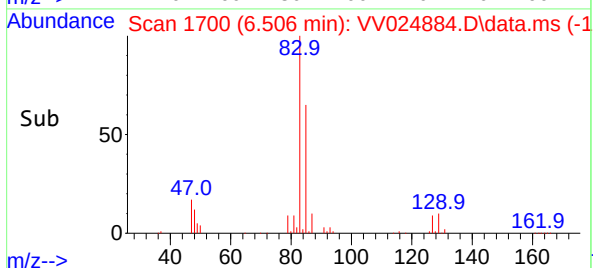
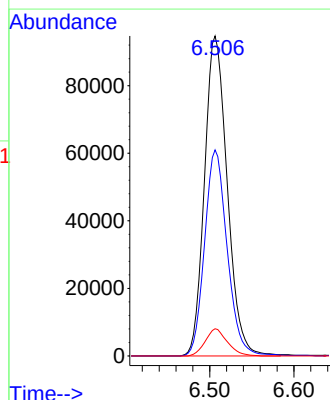
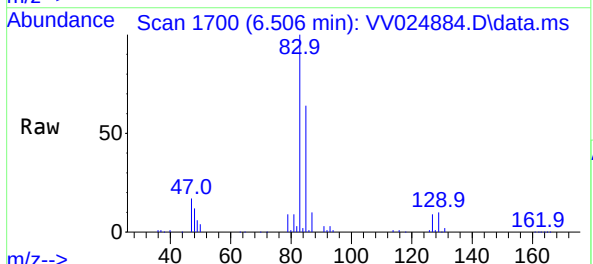
Instrument :
MSVOA_V
ClientSampleId :

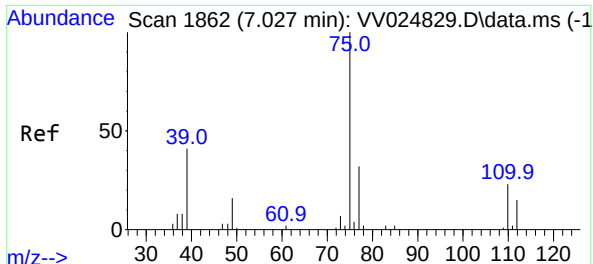
Tgt Ion: 63 Resp: 137088
Ion Ratio Lower Upper
63 100
112 4.6 3.6 5.4



#38
Bromodichloromethane
Concen: 50.196 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 83 Resp: 178325
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
127 8.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 51.967 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024884.D

Acq: 09 Mar 2022 15:59

Instrument :

MSVOA_V

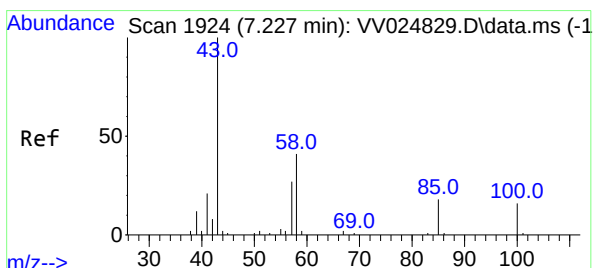
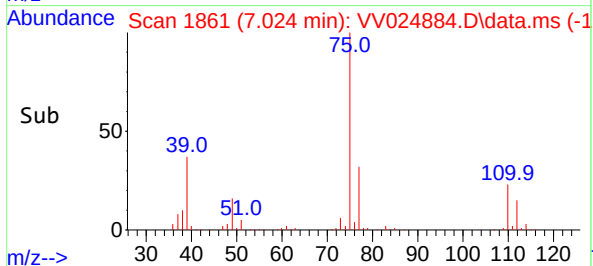
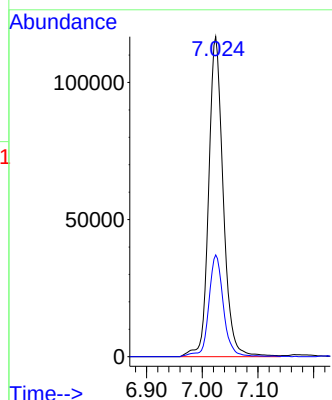
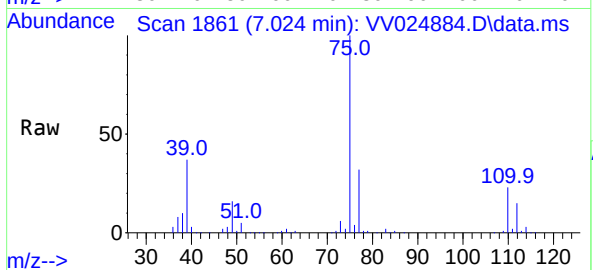
ClientSampleId :

Tgt Ion: 75 Resp: 212038

Ion Ratio Lower Upper

75 100

77 31.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 102.858 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024884.D

Acq: 09 Mar 2022 15:59

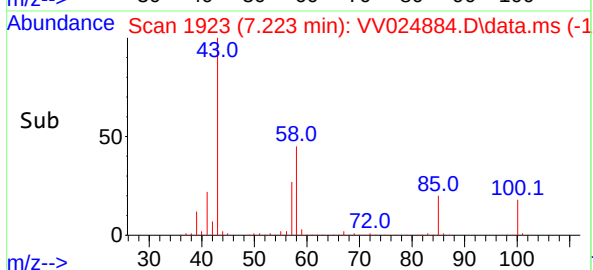
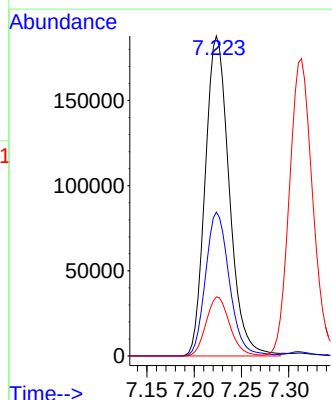
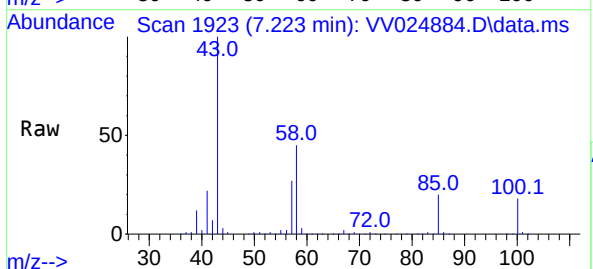
Tgt Ion: 43 Resp: 332457

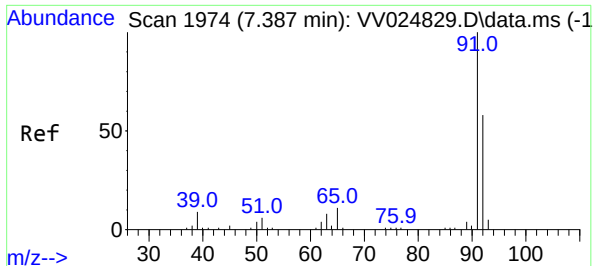
Ion Ratio Lower Upper

43 100

58 44.5 34.8 52.2

100 18.1 14.2 21.2





#42

Toluene

Concen: 50.701 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024884.D

Acq: 09 Mar 2022 15:59

Instrument :

MSVOA_V

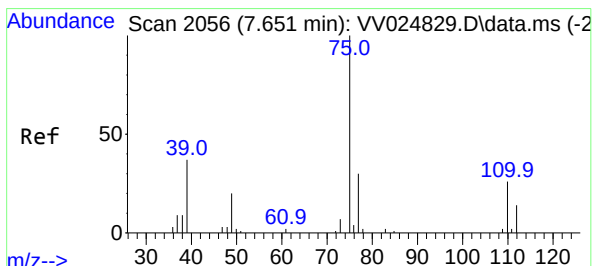
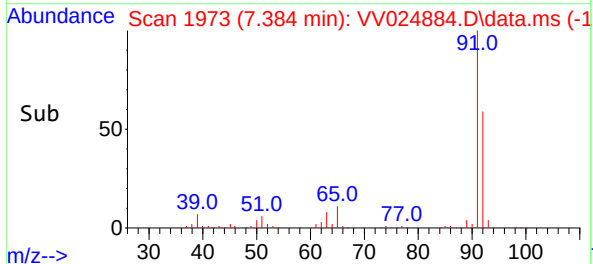
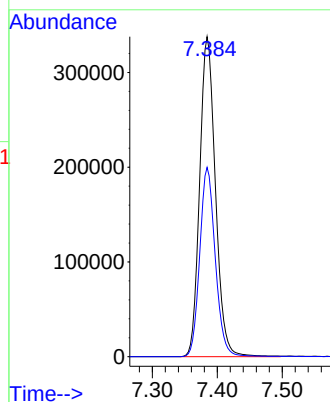
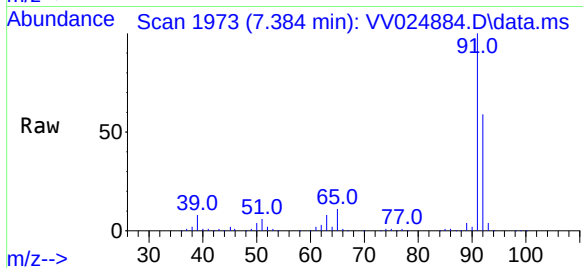
ClientSampleId :

Tgt Ion: 91 Resp: 571573

Ion Ratio Lower Upper

91 100

92 59.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 52.515 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV024884.D

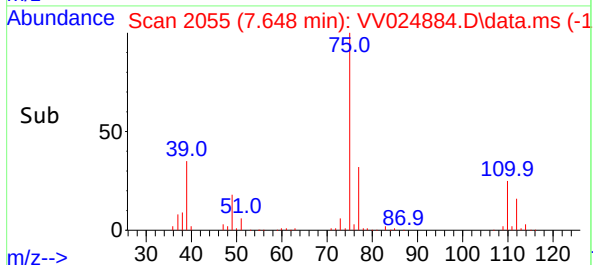
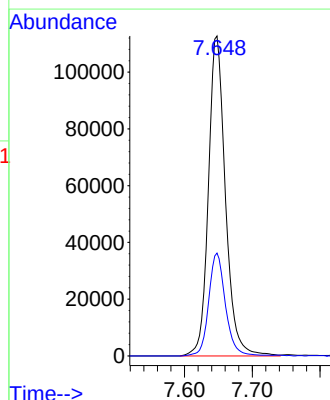
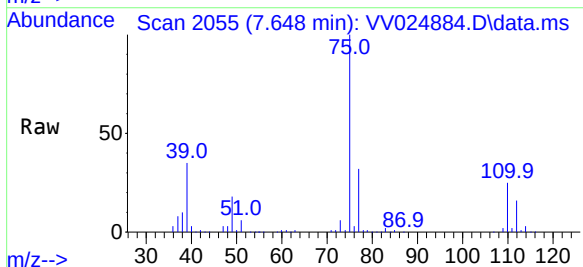
Acq: 09 Mar 2022 15:59

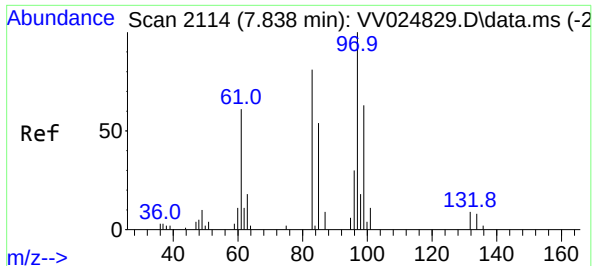
Tgt Ion: 75 Resp: 196855

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



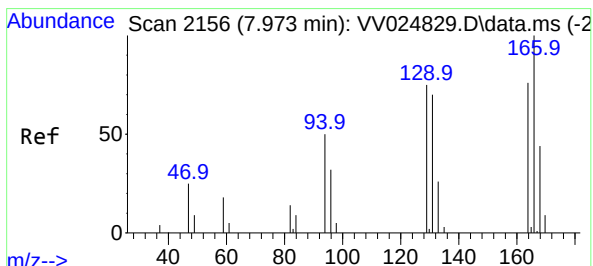
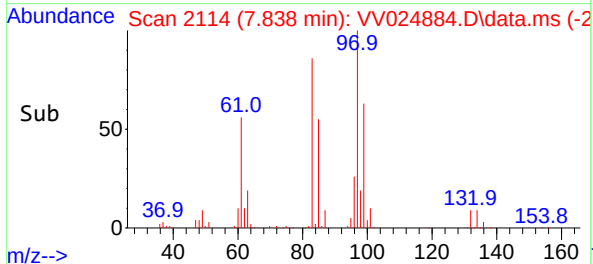
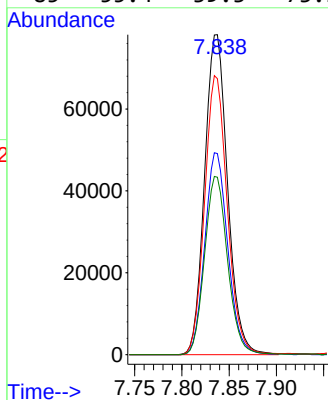
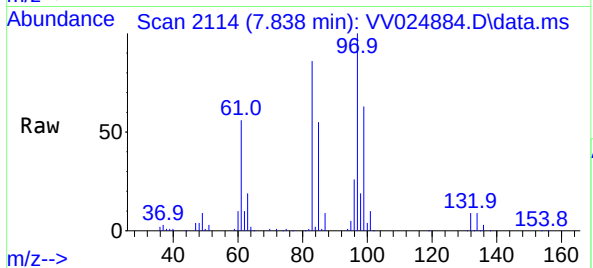


#45
1,1,2-Trichloroethane
Concen: 50.299 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 132493

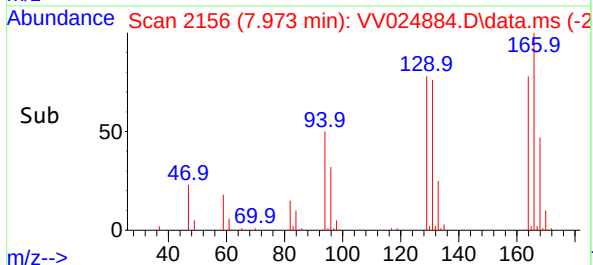
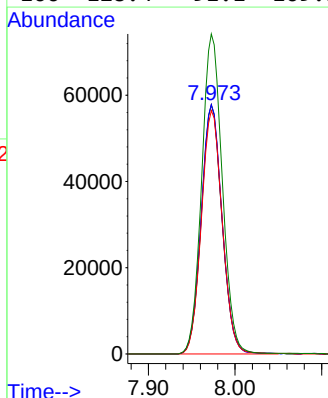
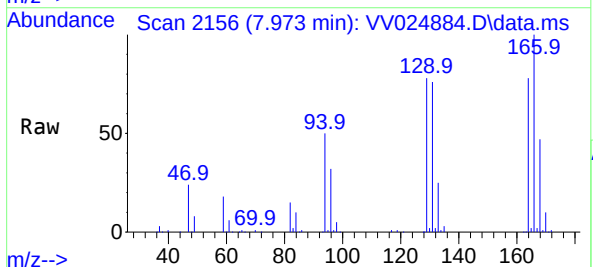
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.9	81.5
83	86.3	61.7	114.5
85	55.4	39.3	73.1

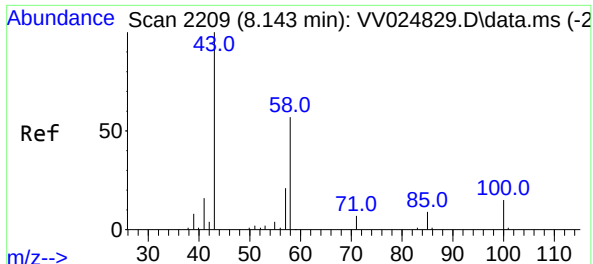


#46
Tetrachloroethene
Concen: 50.221 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion:164 Resp: 96060

Ion	Ratio	Lower	Upper
164	100		
129	100.0	74.1	137.7
131	97.7	70.1	130.1
166	128.4	91.1	169.1



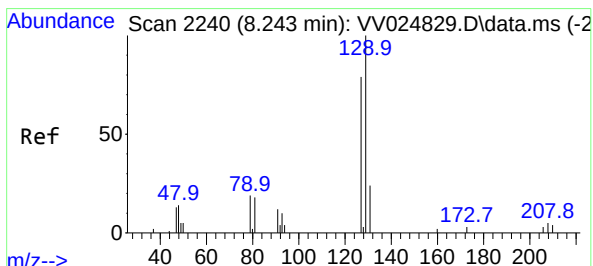
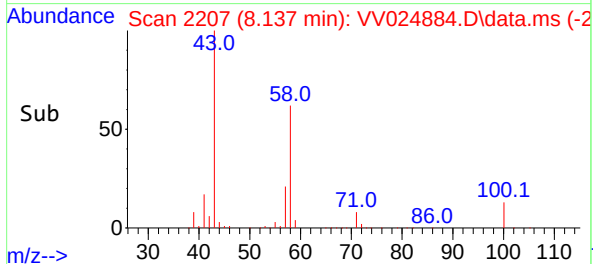
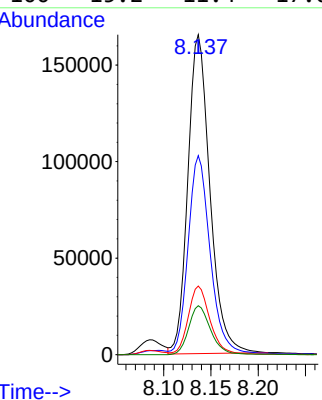
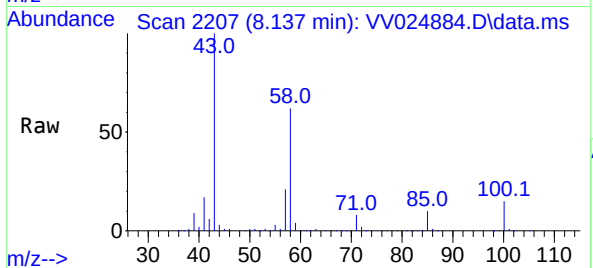


#48
2-Hexanone
Concen: 105.591 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 268603

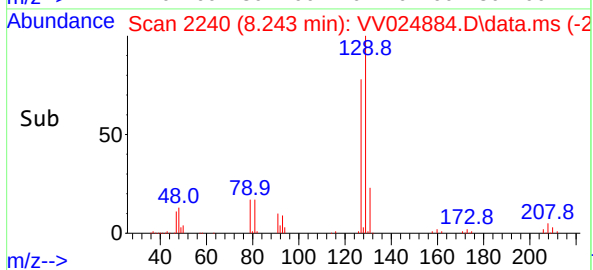
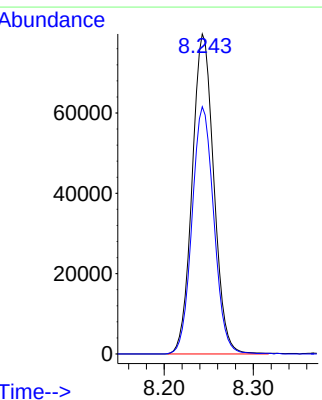
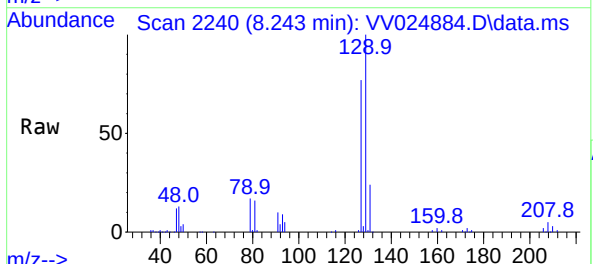
Ion	Ratio	Lower	Upper
43	100		
58	63.2	48.6	72.8
57	21.0	16.5	24.7
100	15.2	11.4	17.0

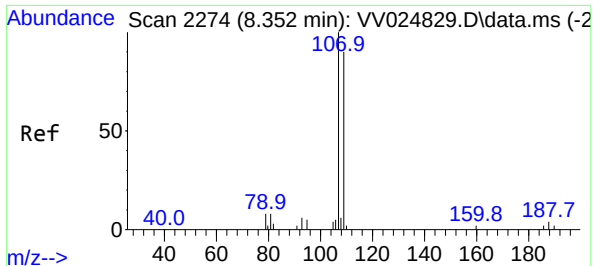


#49
Dibromochloromethane
Concen: 52.782 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 129 Resp: 134358

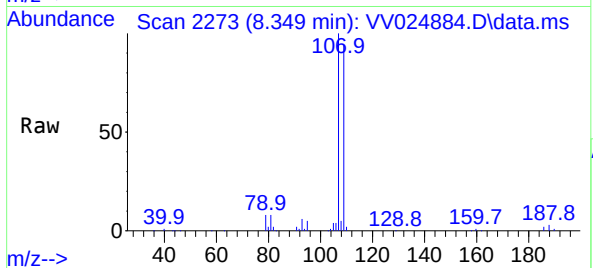
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.2	100.6



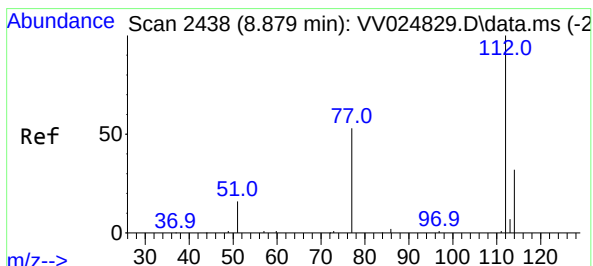
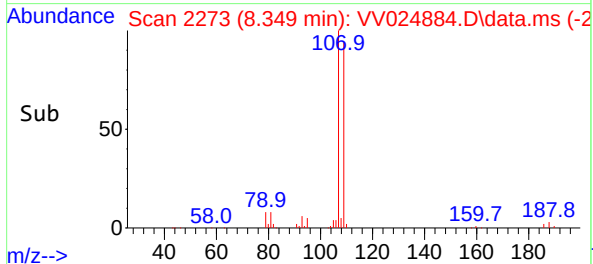
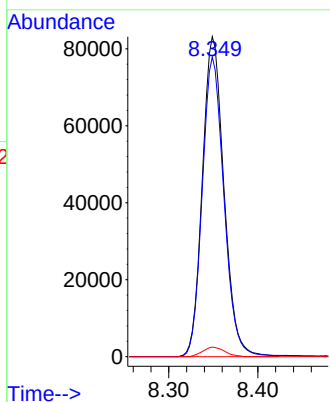


#50
1,2-Dibromoethane
Concen: 51.474 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :

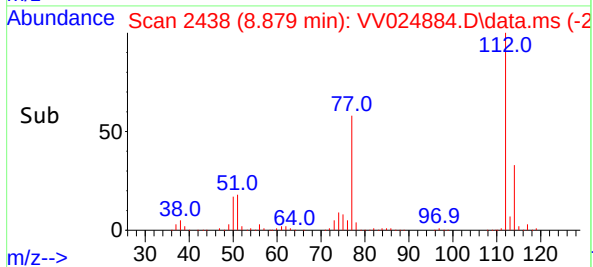
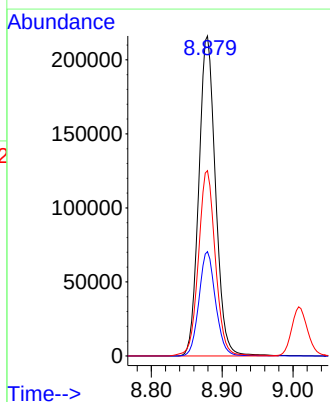
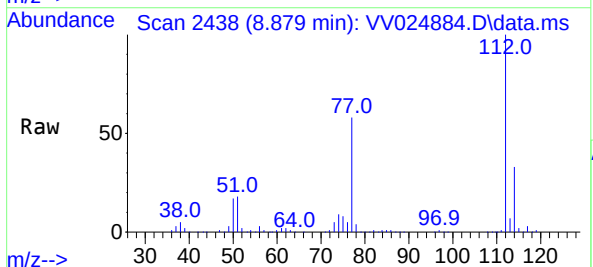


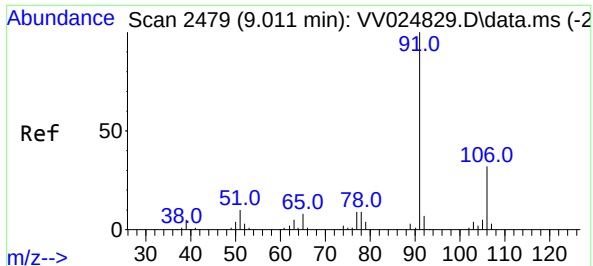
Tgt Ion:107 Resp: 139829
Ion Ratio Lower Upper
107 100
109 93.7 65.6 121.8
188 3.0 2.4 3.6



#51
Chlorobenzene
Concen: 49.774 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion:112 Resp: 353976
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 57.9 46.7 70.1





#52

Ethylbenzene

Concen: 51.517 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV024884.D

Acq: 09 Mar 2022 15:59

Instrument :

MSVOA_V

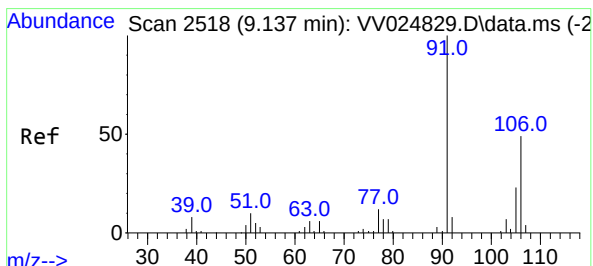
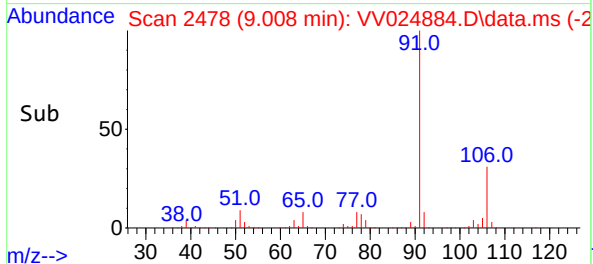
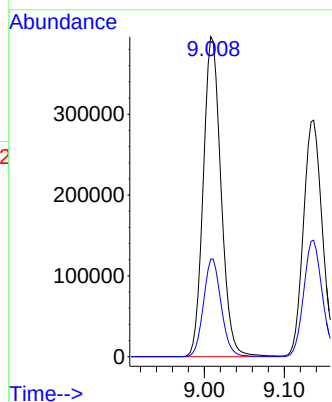
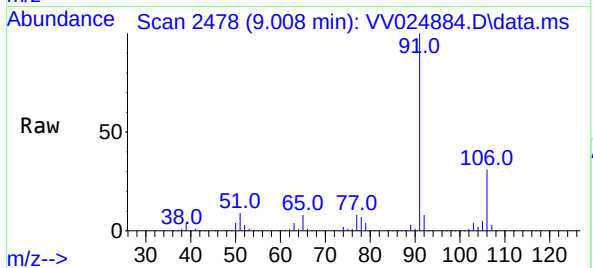
ClientSampleId :

Tgt Ion: 91 Resp: 612542

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.2



#53

m,p-Xylene

Concen: 51.120 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024884.D

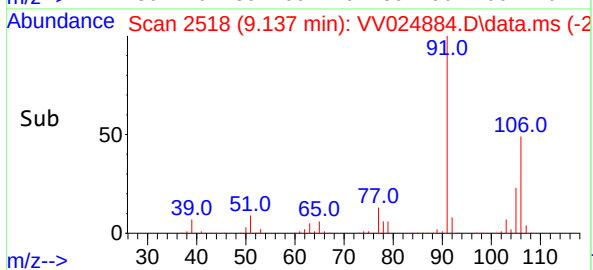
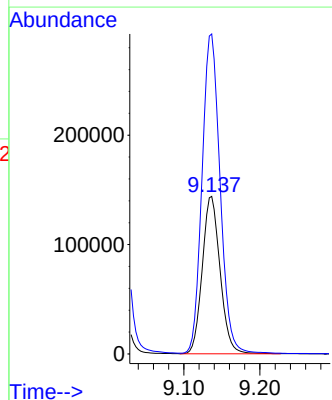
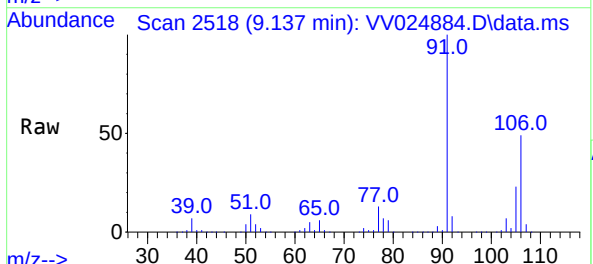
Acq: 09 Mar 2022 15:59

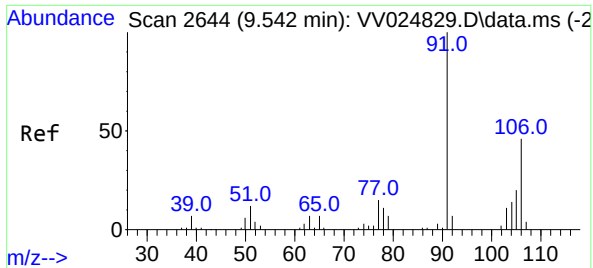
Tgt Ion:106 Resp: 233558

Ion Ratio Lower Upper

106 100

91 203.1 142.2 264.2

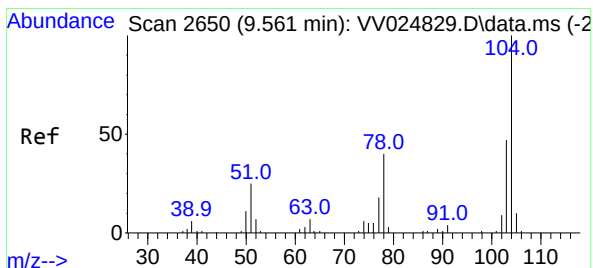
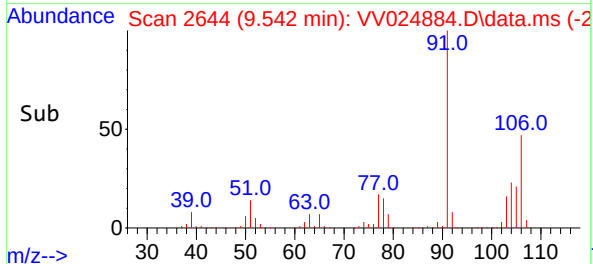
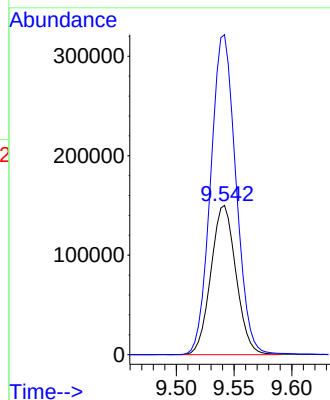
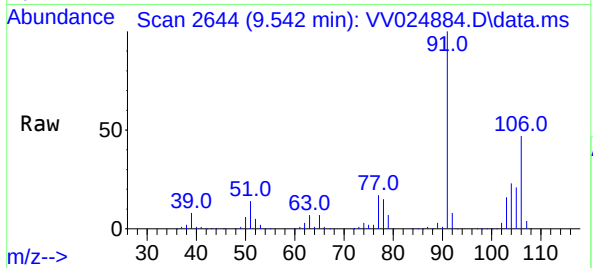




#54
o-Xylene
Concen: 51.525 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

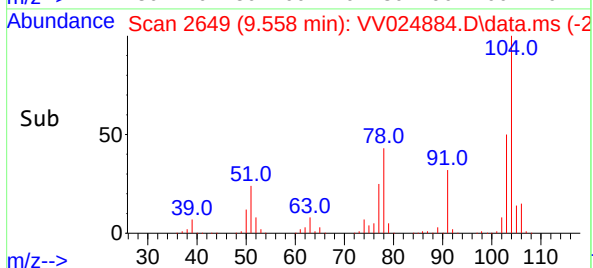
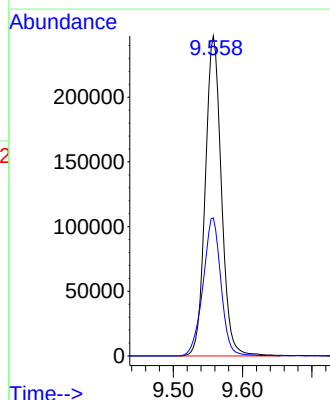
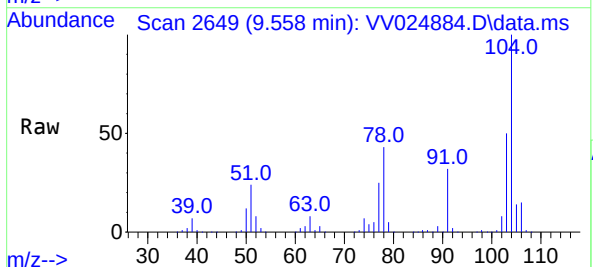
Instrument :
MSVOA_V
ClientSampleId :

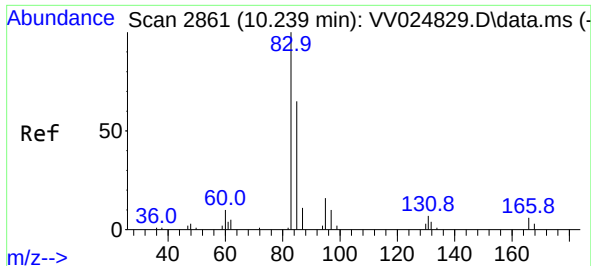
Tgt Ion:106 Resp: 227464
Ion Ratio Lower Upper
106 100
91 214.5 151.6 281.6



#55
Styrene
Concen: 53.184 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion:104 Resp: 398371
Ion Ratio Lower Upper
104 100
78 43.2 30.9 57.3

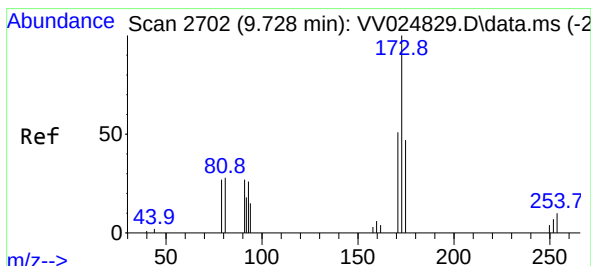
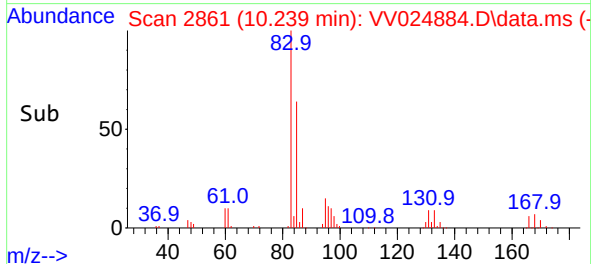
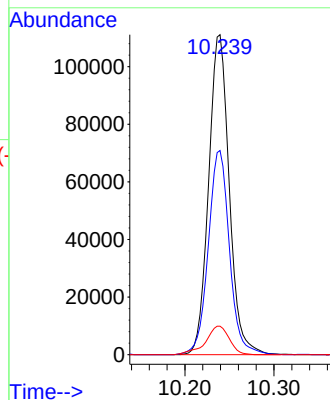
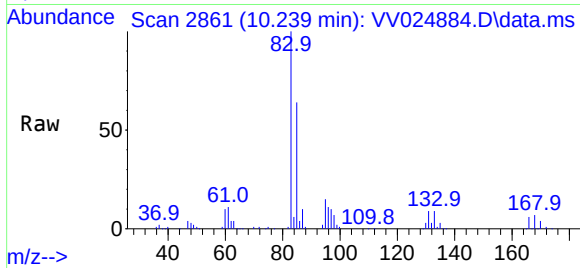




#57
1,1,2,2-Tetrachloroethane
Concen: 48.525 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

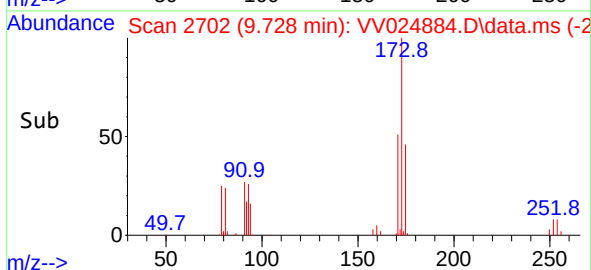
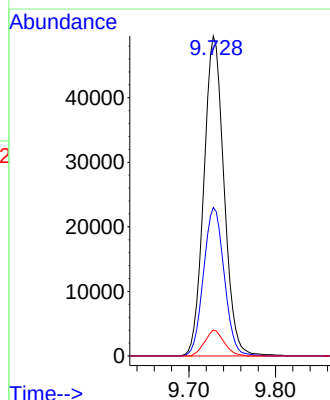
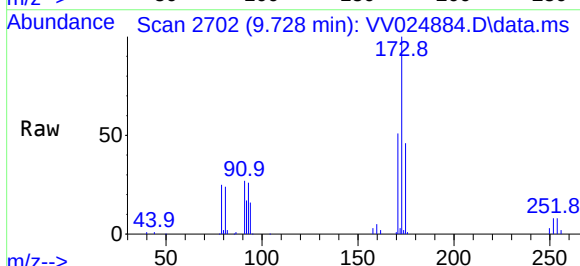
Instrument :
MSVOA_V
ClientSampleId :

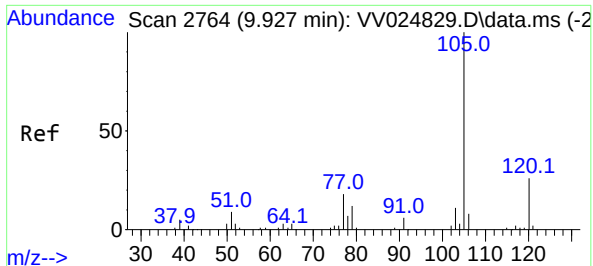
Tgt Ion: 83 Resp: 178783
Ion Ratio Lower Upper
83 100
85 63.8 44.2 82.2
131 8.9 7.0 10.4



#59
Bromoform
Concen: 53.181 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 173 Resp: 80226
Ion Ratio Lower Upper
173 100
175 47.5 37.9 56.9
254 7.8 6.2 9.4

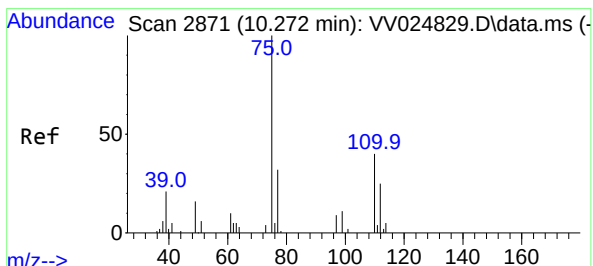
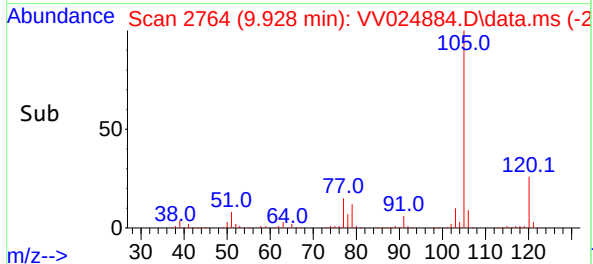
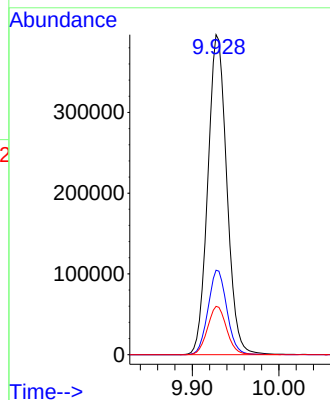
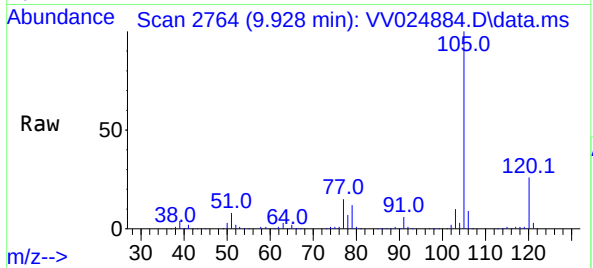




#60
Isopropylbenzene
Concen: 50.211 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

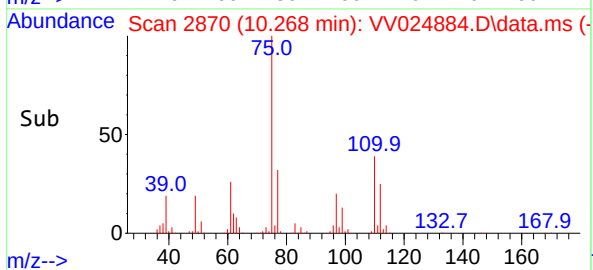
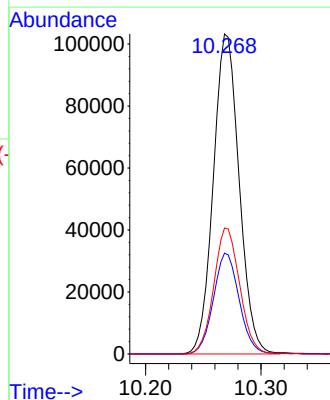
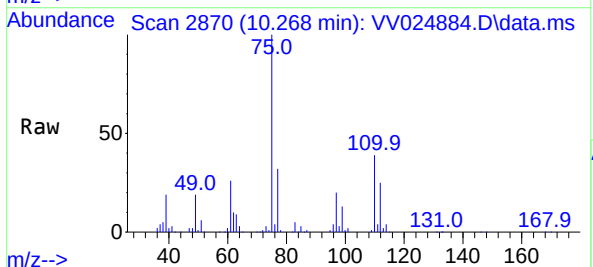
Instrument :
MSVOA_V
ClientSampleId :

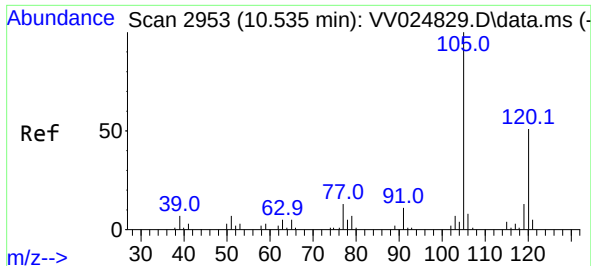
Tgt Ion:105 Resp: 603861
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 48.456 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion: 75 Resp: 160561
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
110 39.5 31.4 47.2

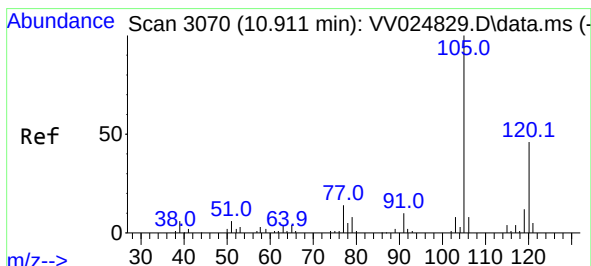
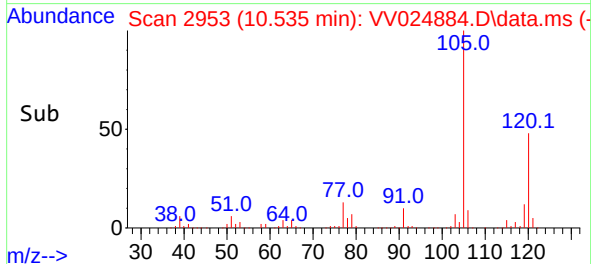
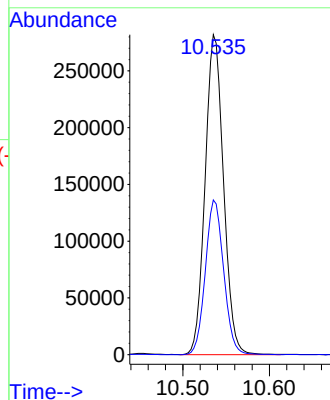
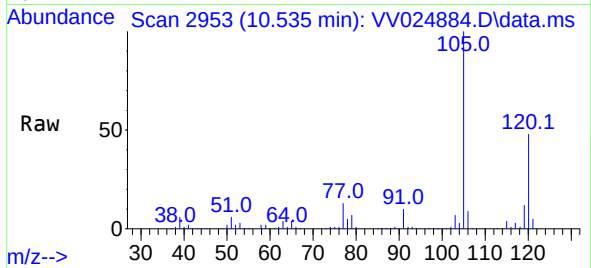




#62
1,3,5-Trimethylbenzene
Concen: 51.281 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

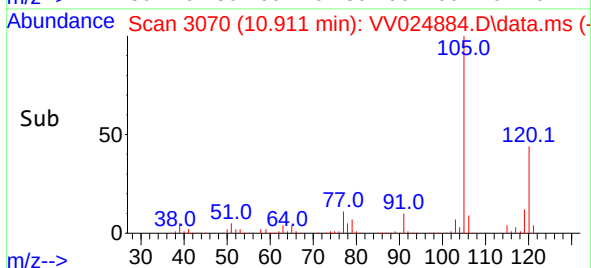
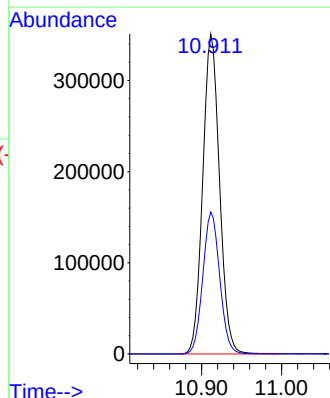
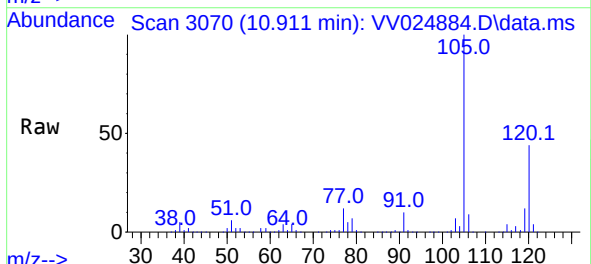
Instrument :
MSVOA_V
ClientSampleId :

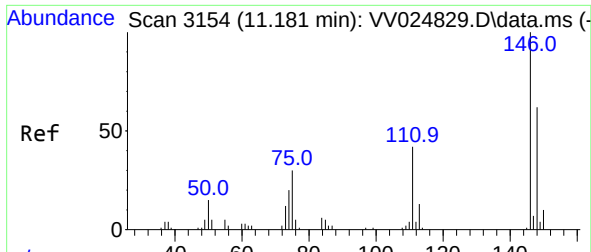
Tgt Ion:105 Resp: 416108
Ion Ratio Lower Upper
105 100
120 48.1 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 51.605 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

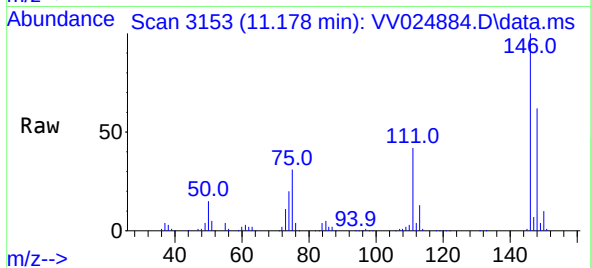
Tgt Ion:105 Resp: 513230
Ion Ratio Lower Upper
105 100
120 44.6 36.1 54.1



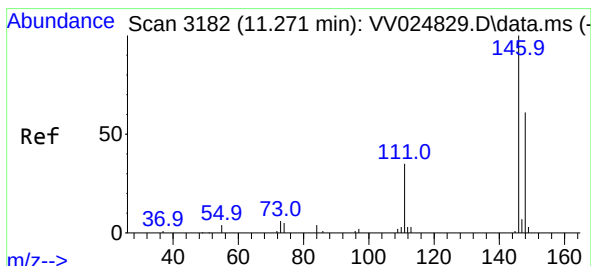
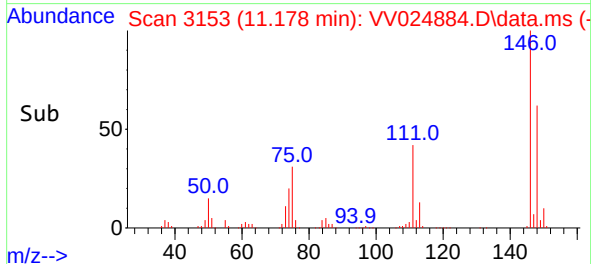
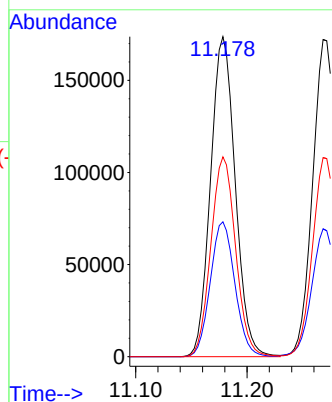


#64
1,3-Dichlorobenzene
Concen: 50.690 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :

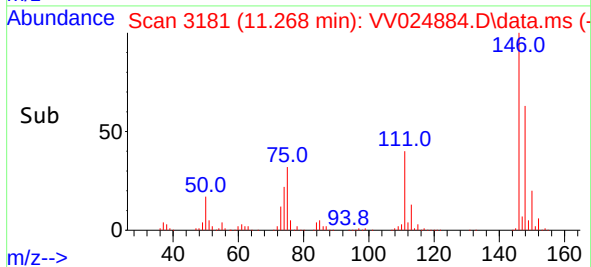
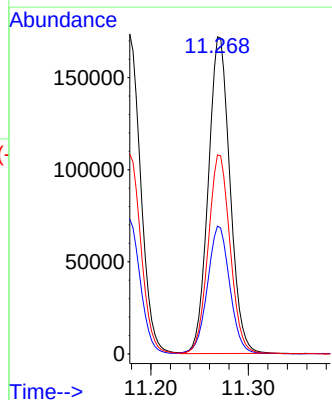
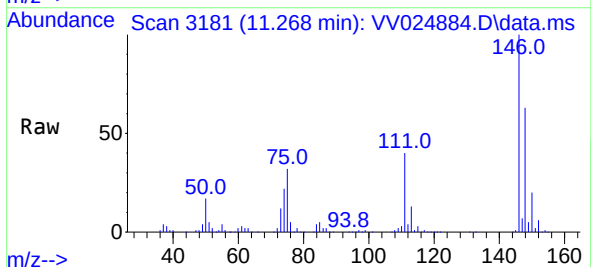


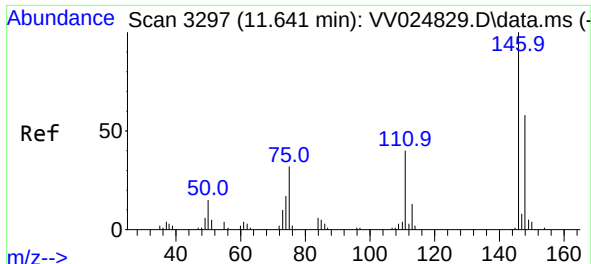
Tgt Ion:146 Resp: 267507
Ion Ratio Lower Upper
146 100
111 42.2 29.7 55.1
148 62.4 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 49.335 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion:146 Resp: 266546
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.0
148 62.8 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 49.380 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024884.D

Acq: 09 Mar 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

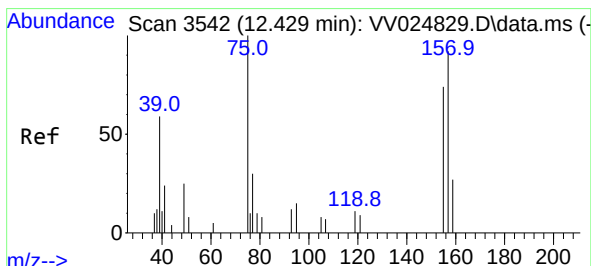
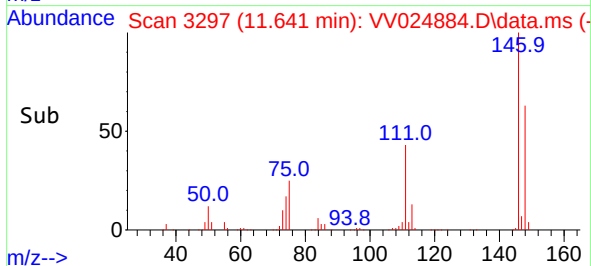
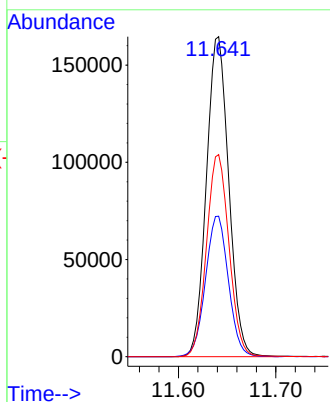
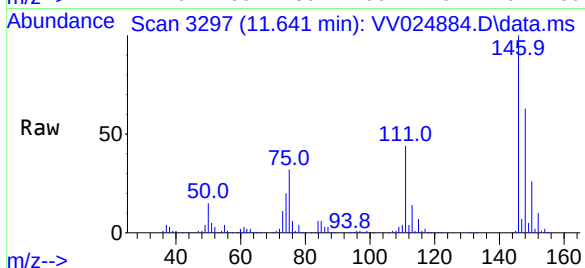
Tgt Ion:146 Resp: 262269

Ion Ratio Lower Upper

146 100

111 43.9 34.9 52.3

148 63.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 50.823 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024884.D

Acq: 09 Mar 2022 15:59

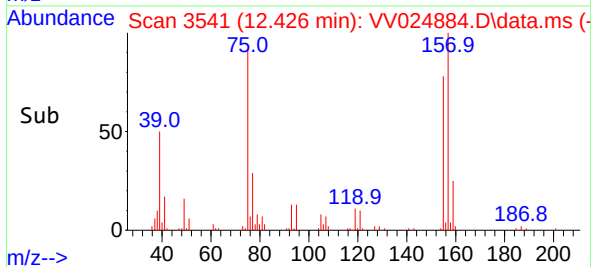
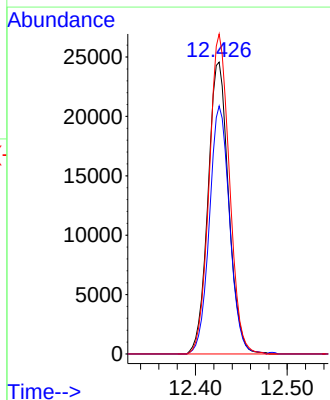
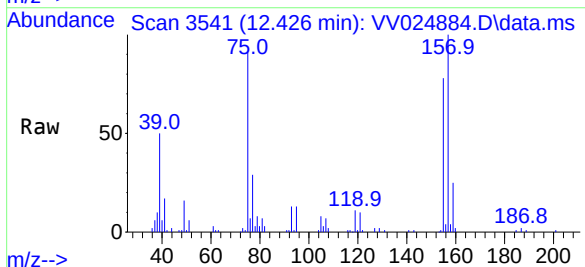
Tgt Ion: 75 Resp: 38444

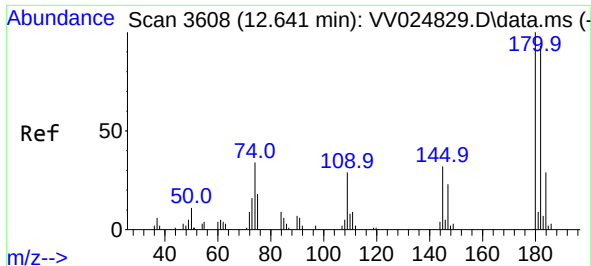
Ion Ratio Lower Upper

75 100

155 85.0 63.8 95.8

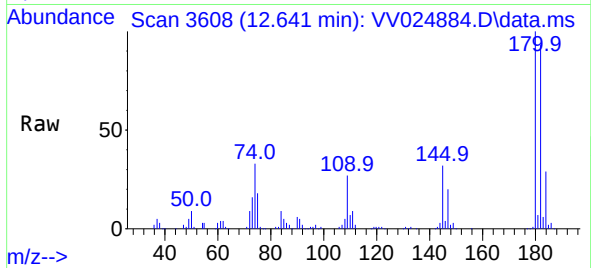
157 109.7 79.3 118.9



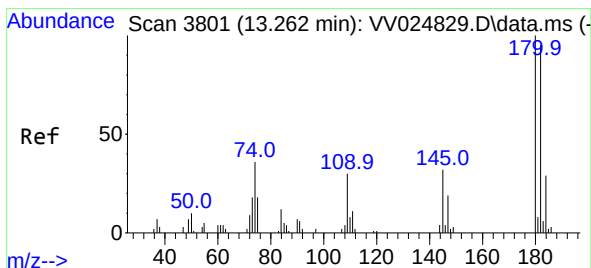
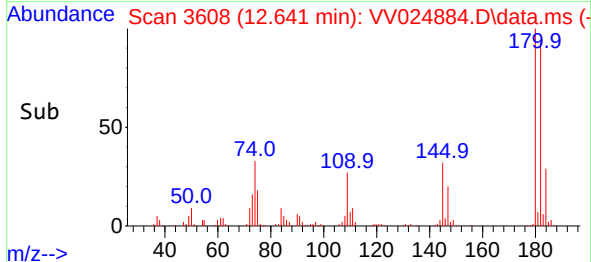
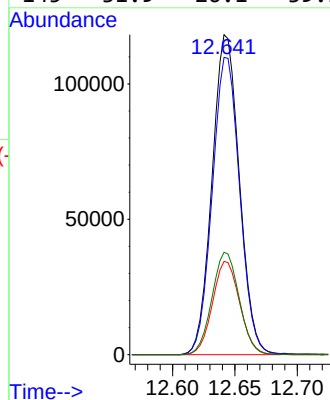


#69
1,3,5-Trichlorobenzene
Concen: 50.616 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :

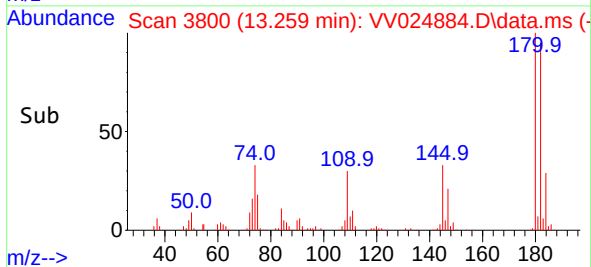
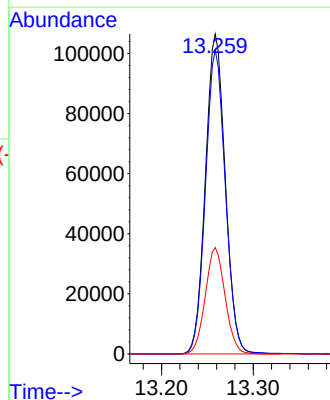
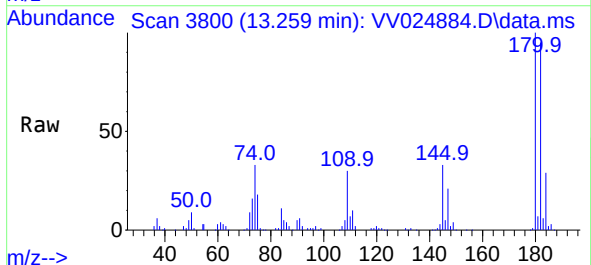


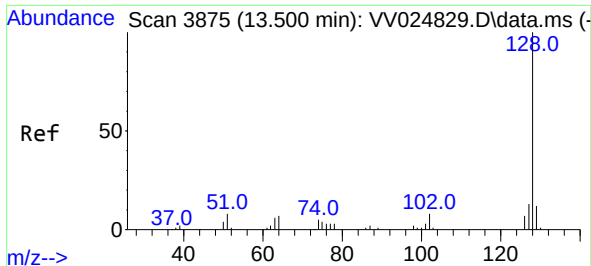
Tgt Ion:180 Resp: 180311
Ion Ratio Lower Upper
180 100
182 93.5 75.1 112.7
184 29.1 23.9 35.9
145 31.9 26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 51.718 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

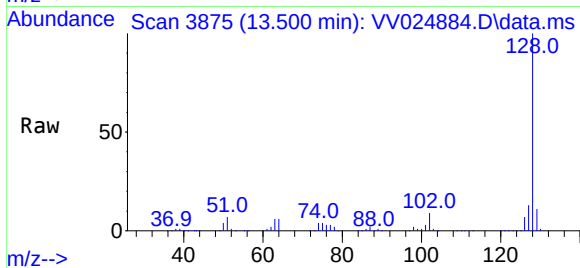
Tgt Ion:180 Resp: 160522
Ion Ratio Lower Upper
180 100
182 94.8 76.0 114.0
145 33.1 27.6 41.4



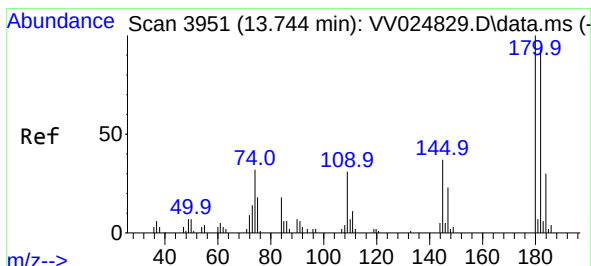
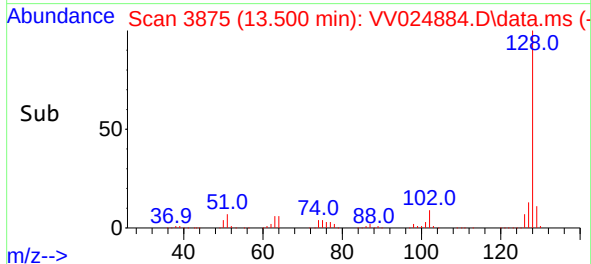
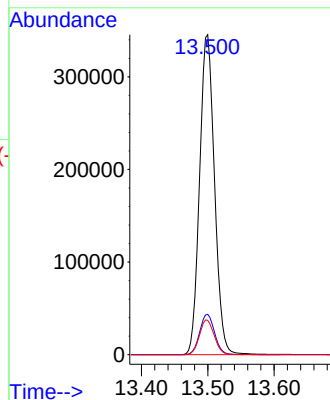


#71
Naphthalene
Concen: 53.739 ug/L
RT: 13.500 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 540414
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.247 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024884.D
Acq: 09 Mar 2022 15:59

Tgt Ion:180 Resp: 159905
Ion Ratio Lower Upper
180 100
182 95.1 75.9 113.9
145 35.2 28.7 43.1

