

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026874.D
 Acq On : 21 Jul 2022 14:59
 Operator : SY/MD
 Sample : N3809-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YBE68MS

Quant Time: Jul 22 05:56:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	212417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	218018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	120963	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60888	3.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.565	69	64004	3.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.105	63	131849	3.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.886	46	202759	67.039	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.080%#
24) Chloroform-d	4.346	84	171619	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.031	65	76530	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.047	84	282953	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.069	67	95774	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.313	98	242302	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.622	79	30339	4.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	170158	60.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	89231	5.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	100318	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	140662	5.209	ug/L	99
3) Chloromethane	1.240	50	120242	4.640	ug/L	98
5) Vinyl chloride	1.307	62	130252	4.936	ug/L	99
6) Bromomethane	1.516	94	73016	4.623	ug/L	97
8) Chloroethane	1.581	64	77956	5.014	ug/L	97
9) Trichlorofluoromethane	1.748	101	181850	5.423	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	104903	5.461	ug/L	99
12) 1,1-Dichloroethene	2.114	96	97345	5.227	ug/L	85
13) Acetone	2.175	43	124960	49.106	ug/L #	26
14) Carbon disulfide	2.288	76	276973	5.047	ug/L	98
15) Methyl Acetate	2.436	43	28941	5.623	ug/L	93
16) Methylene chloride	2.500	84	124468	5.610	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	174364	5.434	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	98714	5.767	ug/L	94
19) 1,1-Dichloroethane	3.185	63	187613	6.002	ug/L	98
21) 2-Butanone	3.970	43	182258	61.414	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	103775	6.011	ug/L	97
23) Bromochloromethane	4.246	128	49307	6.199	ug/L	92
25) Chloroform	4.371	83	222665	6.801	ug/L	99

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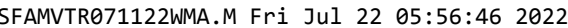
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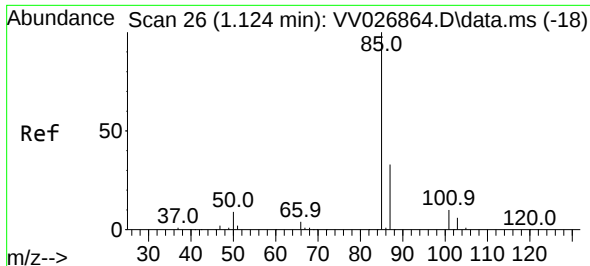
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	100676	5.707	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	169750	5.778	ug/L	98
30) Cyclohexane	4.674	56	126299	5.045	ug/L	99
31) Carbon tetrachloride	4.825	117	155273	5.984	ug/L	99
33) Benzene	5.095	78	408864	5.610	ug/L	100
34) Trichloroethene	5.908	95	231229	12.908	ug/L	97
35) Methylcyclohexane	6.127	83	146409	5.355	ug/L	99
37) 1,2-Dichloropropane	6.172	63	103809	5.956	ug/L	99
38) Bromodichloromethane	6.506	83	131541	5.789	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	118315	5.462	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	441634	54.855	ug/L	99
42) Toluene	7.384	91	718318	9.758	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	104660	5.885	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	75384	5.917	ug/L	99
47) Tetrachloroethene	7.973	164	115904	8.249	ug/L	99
48) 2-Hexanone	8.140	43	336351	57.724	ug/L	100
49) Dibromochloromethane	8.243	129	84149	5.731	ug/L	100
50) 1,2-Dibromoethane	8.352	107	66537	5.902	ug/L	93
51) Chlorobenzene	8.879	112	270859	5.820	ug/L	98
52) Ethylbenzene	9.011	91	404267	5.549	ug/L	99
53) m,p-Xylene	9.137	106	161255	5.692	ug/L	99
54) o-Xylene	9.542	106	151334	5.621	ug/L	94
55) Styrene	9.561	104	262109	5.555	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	84587	5.608	ug/L	97
59) Bromoform	9.731	173	40638	5.236	ug/L	96
60) Isopropylbenzene	9.931	105	404491	5.361	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	58672	5.259	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	307413	5.121	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	313818	5.148	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	211826	5.731	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	211396	5.624	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	191617	5.551	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12072	5.105	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	144333	5.524	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	106821	5.376	ug/L	99
71) Naphthalene	13.503	128	147050	4.467	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	95048	5.141	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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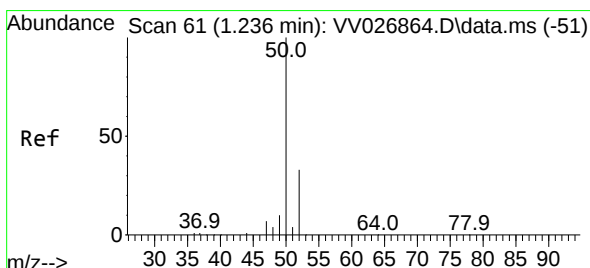
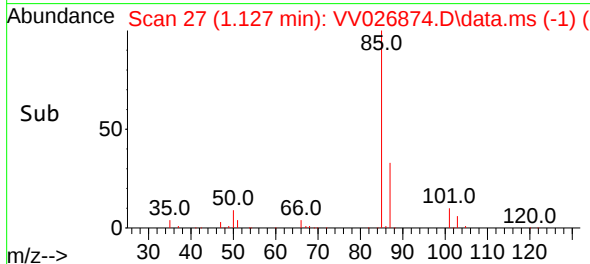
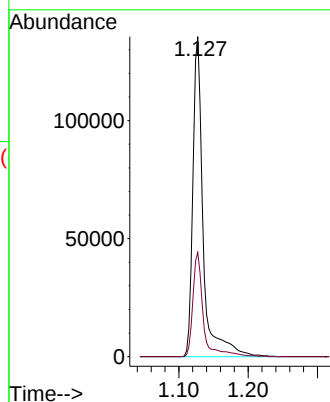
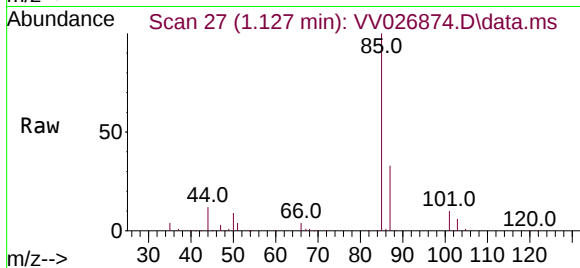




#2
 Dichlorodifluoromethane
 Concen: 5.209 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

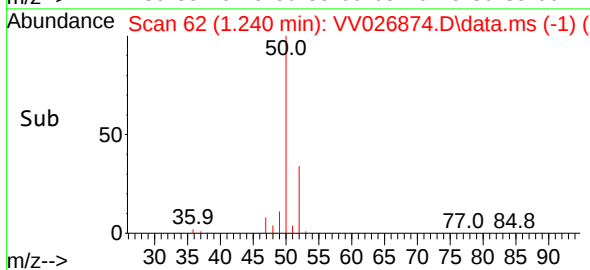
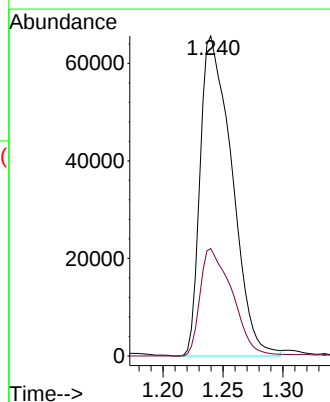
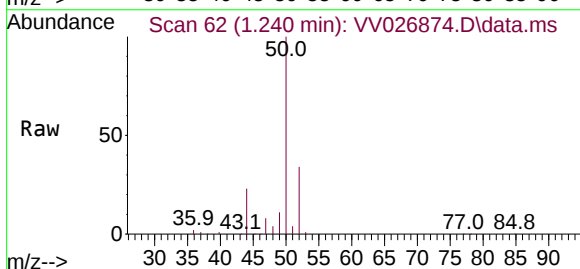
Instrument :
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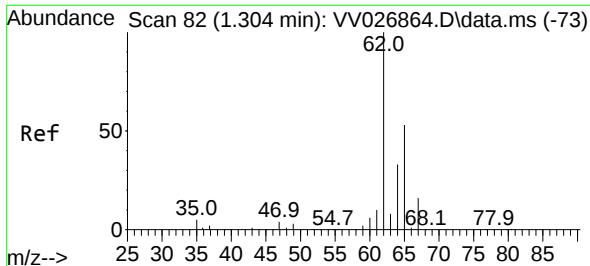
Tgt Ion: 85 Resp: 140662
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8



#3
 Chloromethane
 Concen: 4.640 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

Tgt Ion: 50 Resp: 120242
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.8 42.4

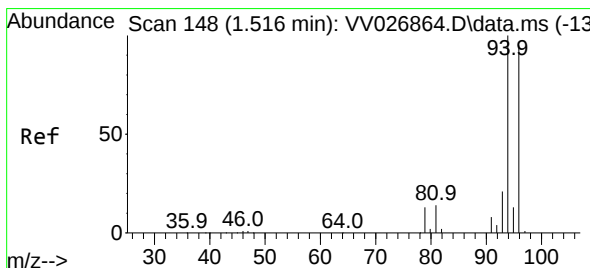
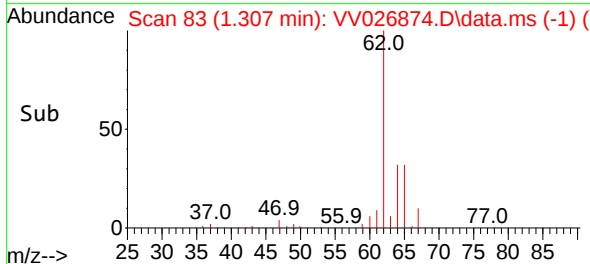
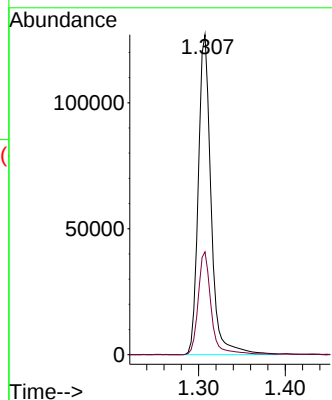
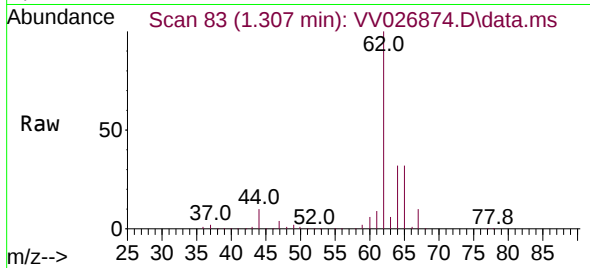




#5
 Vinyl chloride
 Concen: 4.936 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

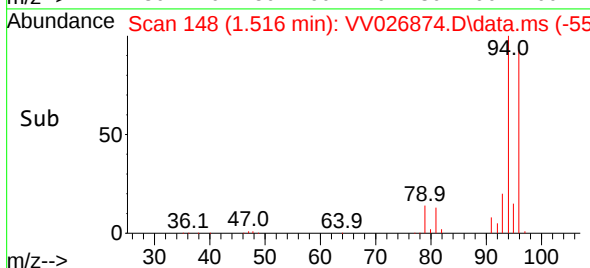
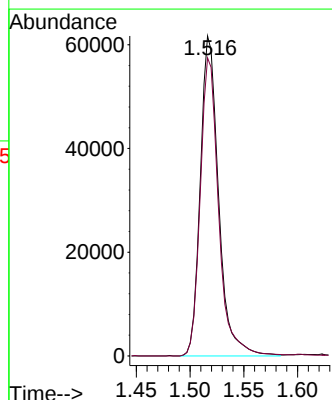
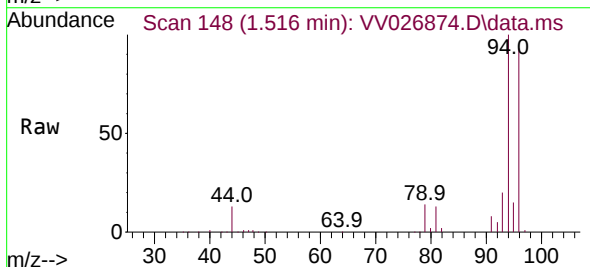
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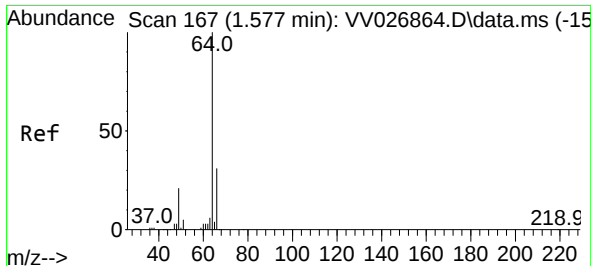
Tgt Ion: 62 Resp: 130252
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 4.623 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

Tgt Ion: 94 Resp: 73016
 Ion Ratio Lower Upper
 94 100
 96 93.1 67.1 124.7

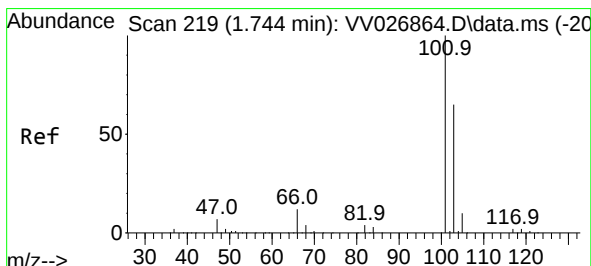
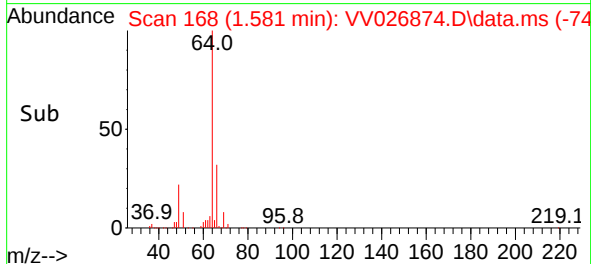
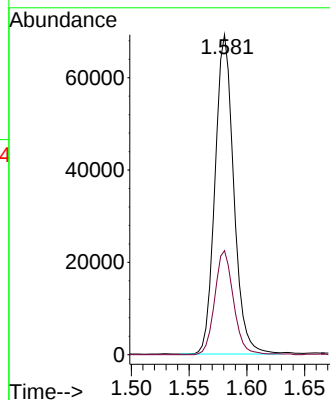
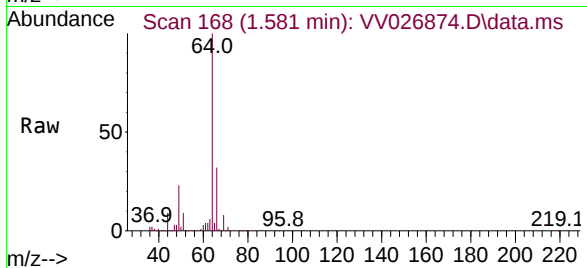




#8
Chloroethane
Concen: 5.014 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

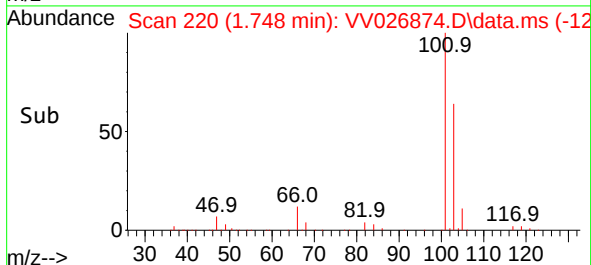
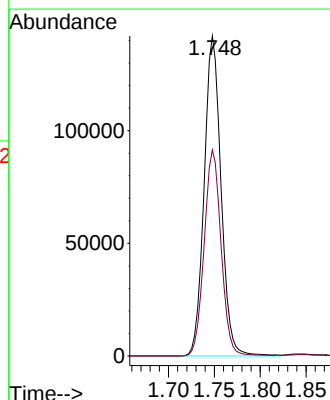
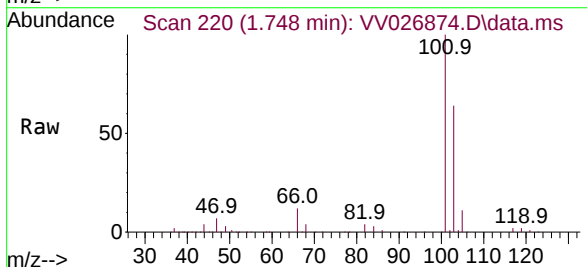
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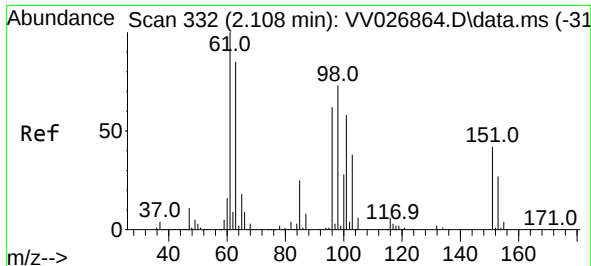
Tgt Ion: 64 Resp: 77956
Ion Ratio Lower Upper
64 100
66 32.5 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.423 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 101 Resp: 181850
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

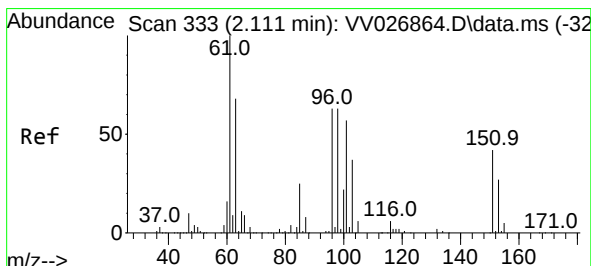
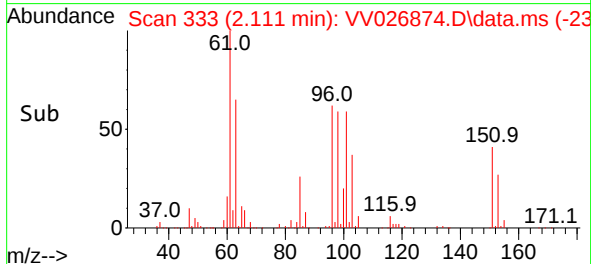
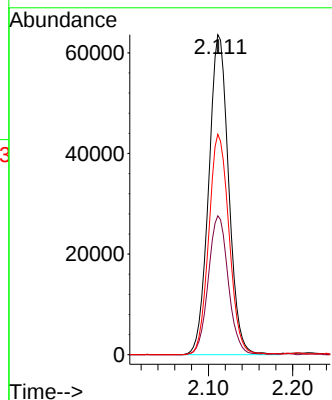
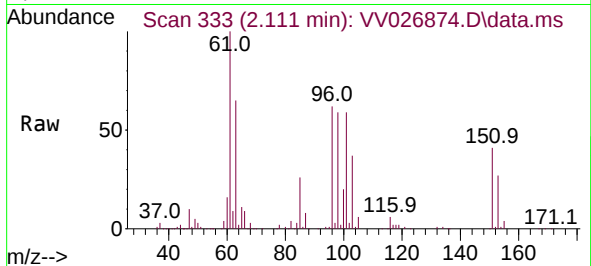




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.461 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

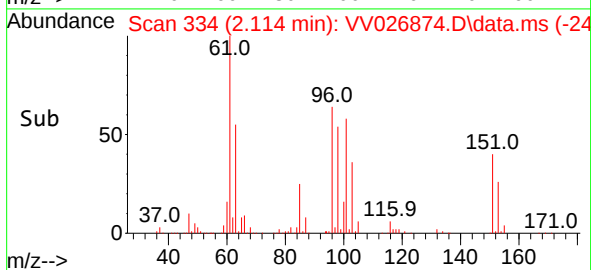
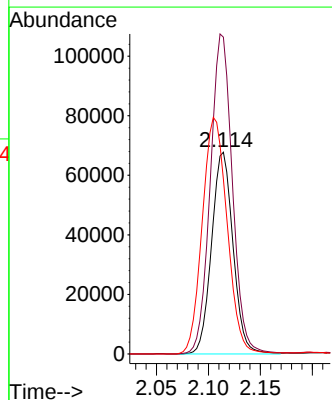
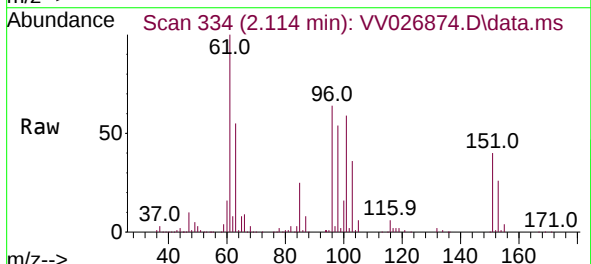
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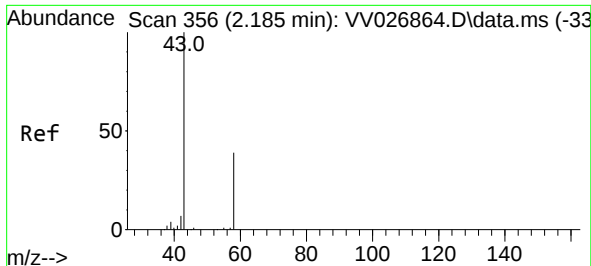
Tgt Ion:101 Resp: 104903
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.0 52.4
 151 69.8 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 5.227 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

Tgt Ion: 96 Resp: 97345
 Ion Ratio Lower Upper
 96 100
 61 157.1 118.3 219.7
 63 86.6 79.9 148.3





#13

Acetone

Concen: 49.106 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.009 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

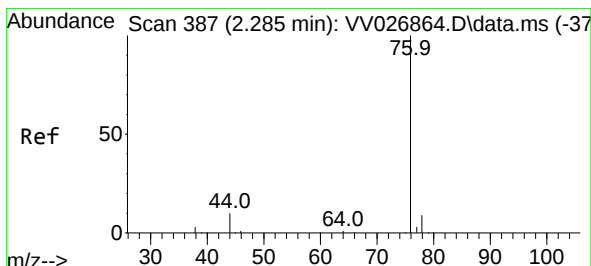
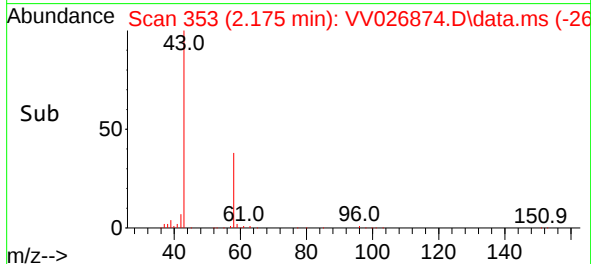
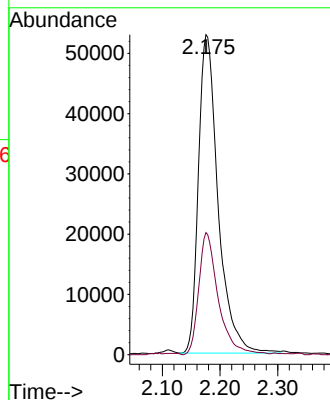
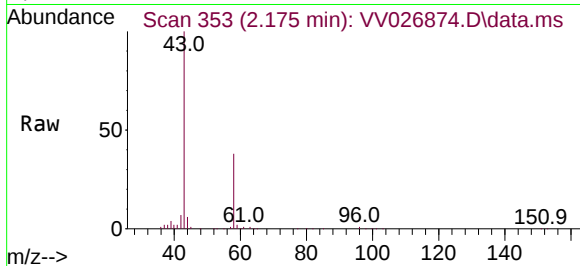
YBE68MS

Tgt Ion: 43 Resp: 124960

Ion Ratio Lower Upper

43 100

58 38.0 0.0 20.6#



#14

Carbon disulfide

Concen: 5.047 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV026874.D

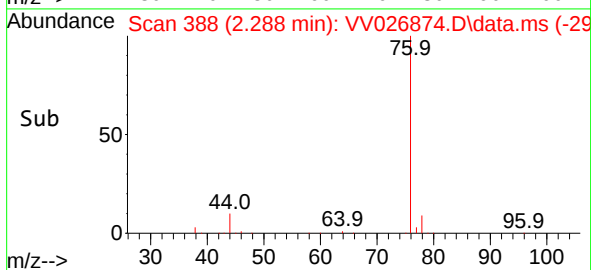
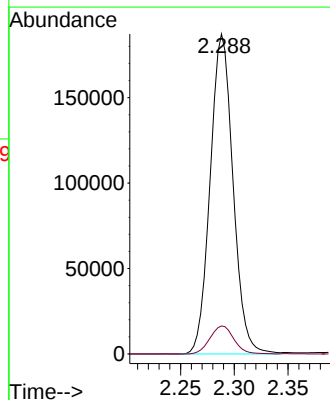
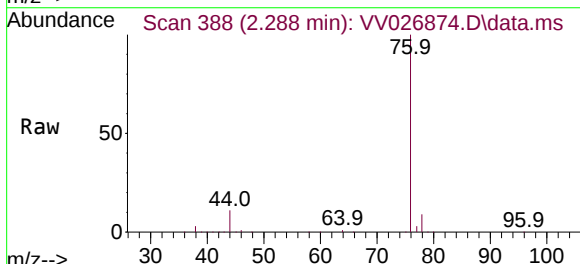
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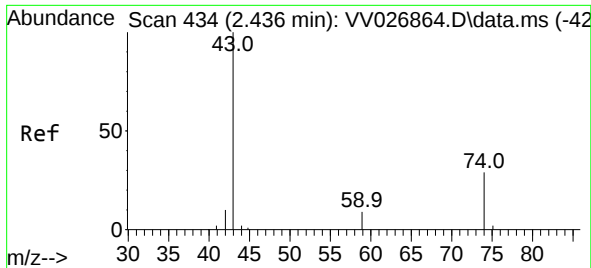
Tgt Ion: 76 Resp: 276973

Ion Ratio Lower Upper

76 100

78 8.8 7.7 11.5

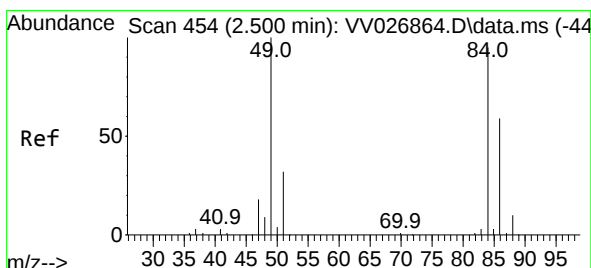
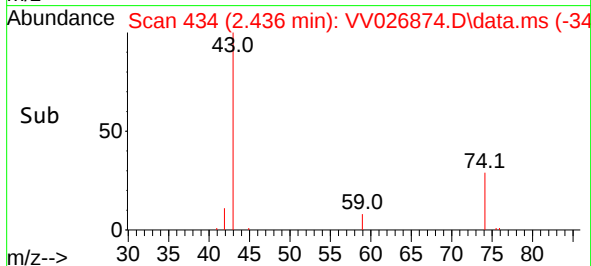
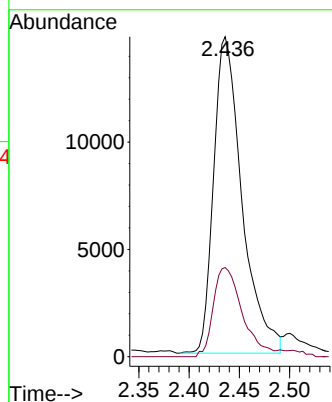
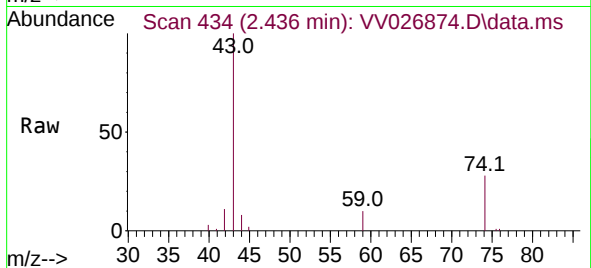




#15
Methyl Acetate
Concen: 5.623 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

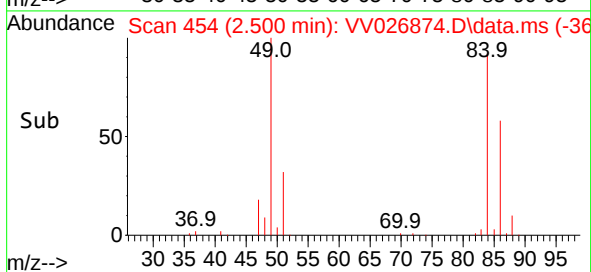
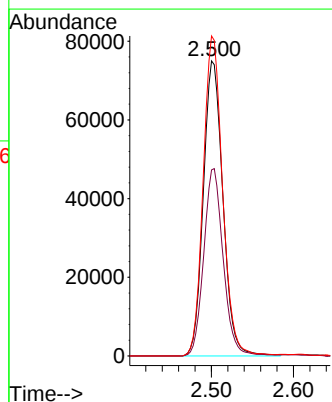
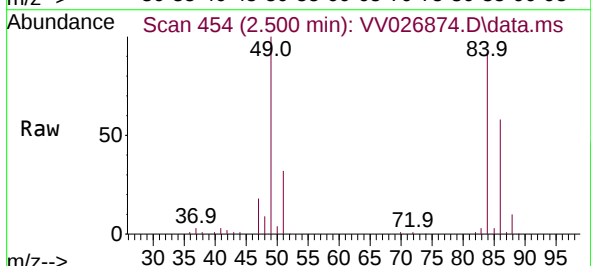
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

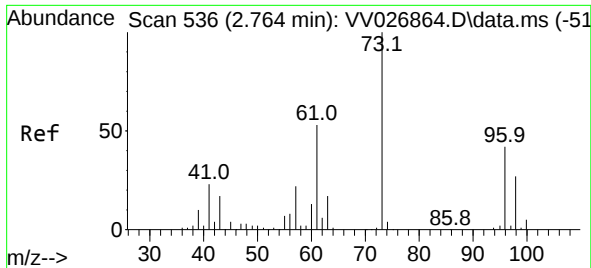
Tgt Ion: 43 Resp: 28941
Ion Ratio Lower Upper
43 100
74 28.9 20.1 30.1



#16
Methylene chloride
Concen: 5.610 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 84 Resp: 124468
Ion Ratio Lower Upper
84 100
86 63.1 44.8 83.2
49 108.5 78.7 146.1

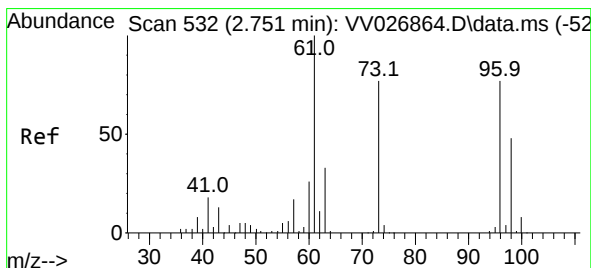
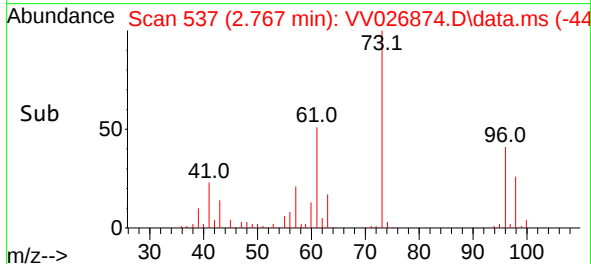
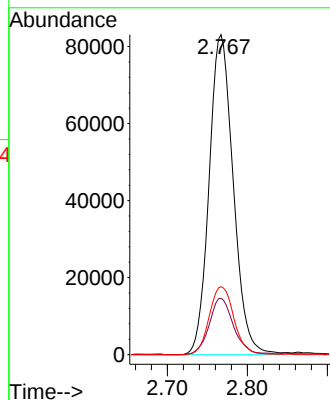
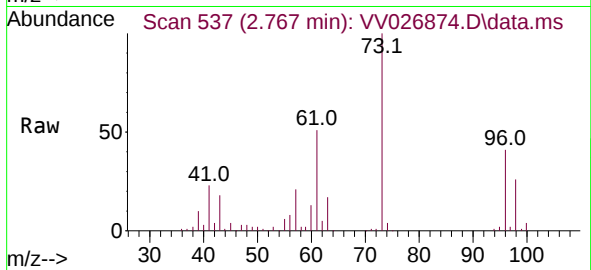




#17
Methyl tert-butyl Ether
Concen: 5.434 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

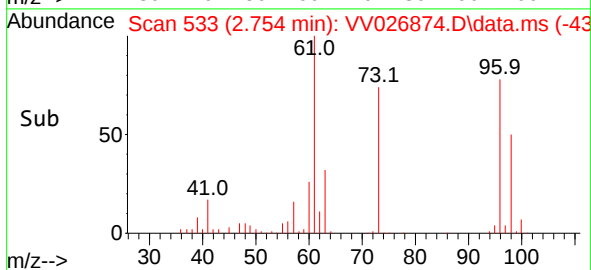
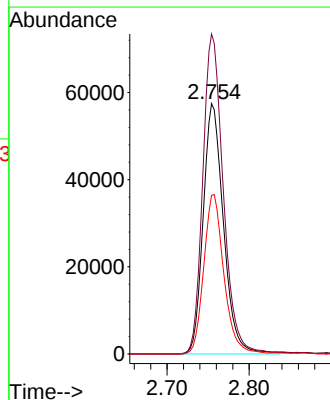
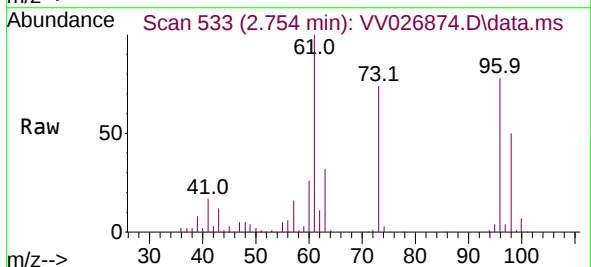
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

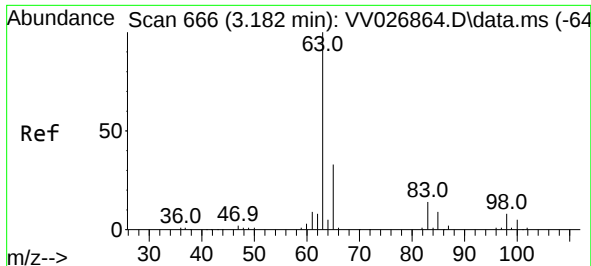
Tgt Ion: 73 Resp: 174364
Ion Ratio Lower Upper
73 100
43 18.0 14.0 21.0
57 21.7 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.767 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 96 Resp: 98714
Ion Ratio Lower Upper
96 100
61 127.8 94.7 175.9
98 63.3 47.4 88.0





#19

1,1-Dichloroethane

Concen: 6.002 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

YBE68MS

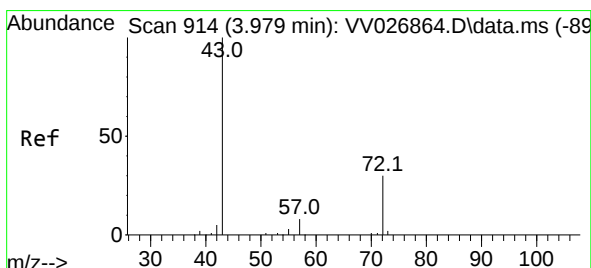
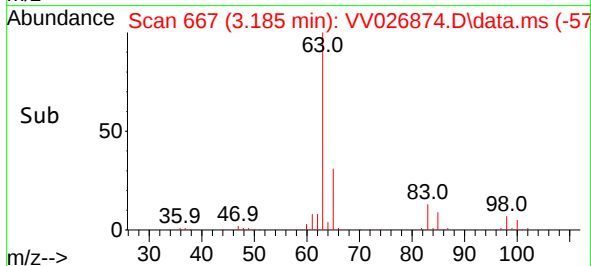
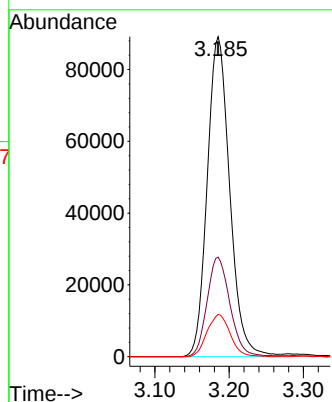
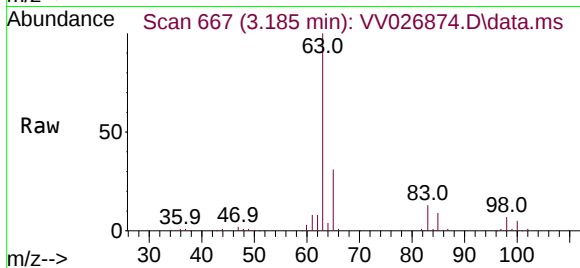
Tgt Ion: 63 Resp: 187613

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.3

83 13.2 9.9 18.5



#21

2-Butanone

Concen: 61.414 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.009 min

Lab File: VV026874.D

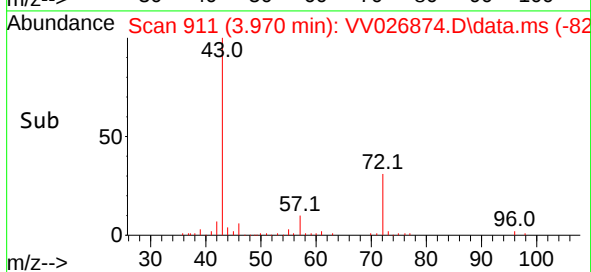
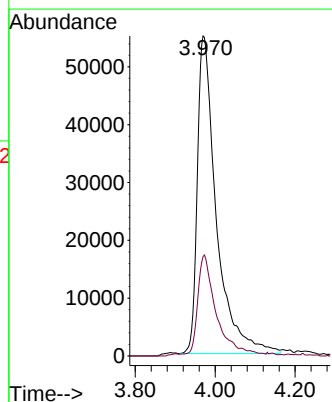
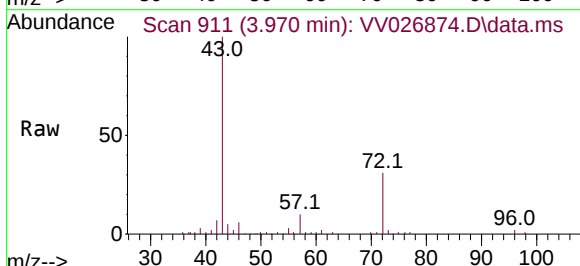
Acq: 21 Jul 2022 14:59

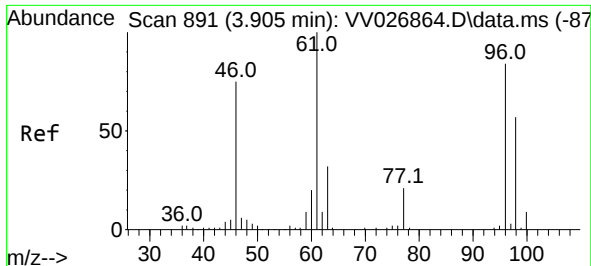
Tgt Ion: 43 Resp: 182258

Ion Ratio Lower Upper

43 100

72 28.2 13.9 41.7

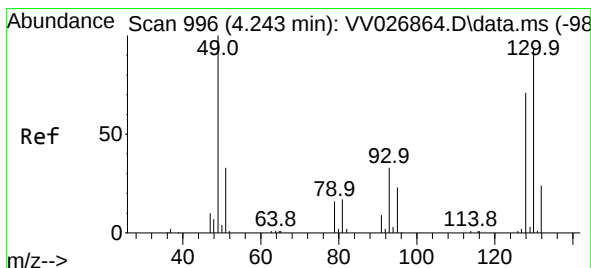
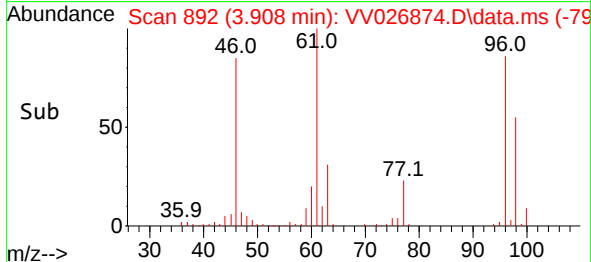
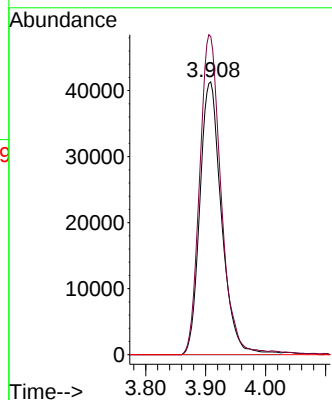
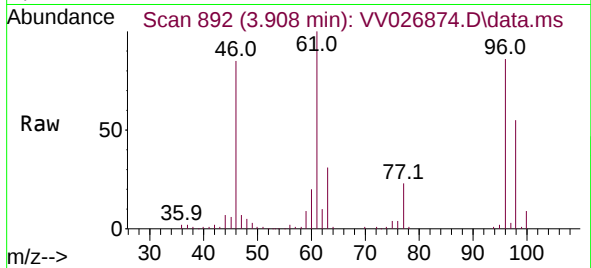




#22
 cis-1,2-Dichloroethene
 Concen: 6.011 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

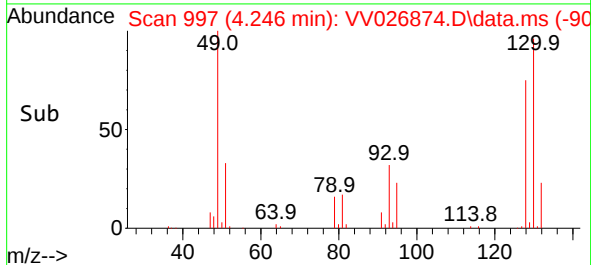
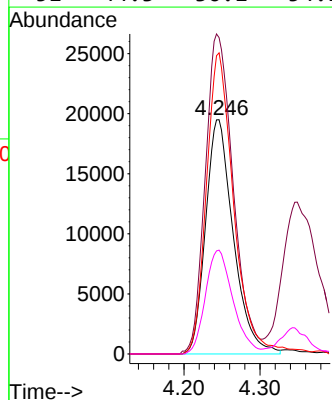
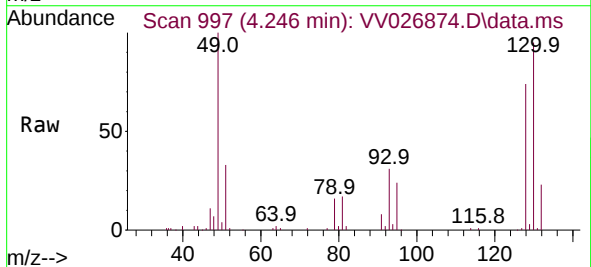
Instrument :
 MSVOA_V
 ClientSampleId :
 YBE68MS

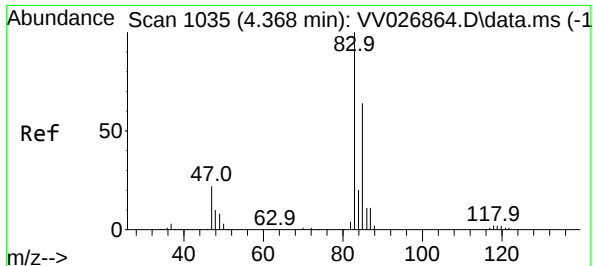
Tgt Ion: 96 Resp: 103775
 Ion Ratio Lower Upper
 96 100
 61 116.7 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 6.199 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

Tgt Ion: 128 Resp: 49307
 Ion Ratio Lower Upper
 128 100
 49 135.0 107.2 199.2
 130 128.5 87.1 161.7
 51 44.3 36.1 54.1





#25

Chloroform

Concen: 6.801 ug/L

RT: 4.371 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

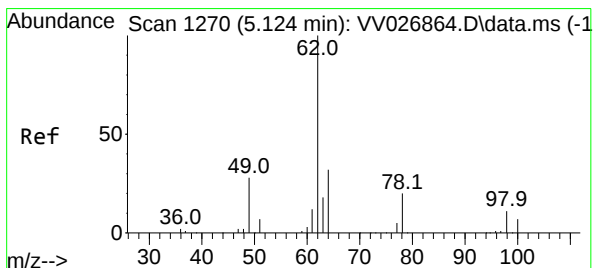
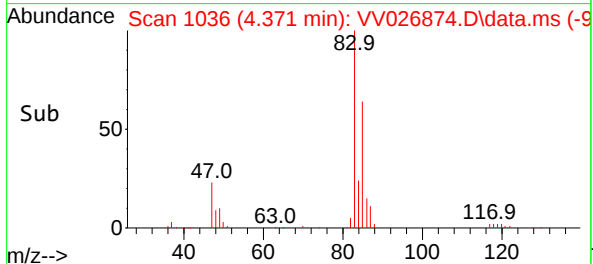
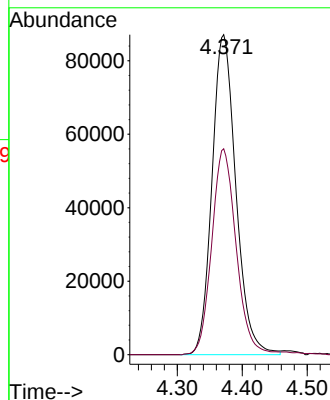
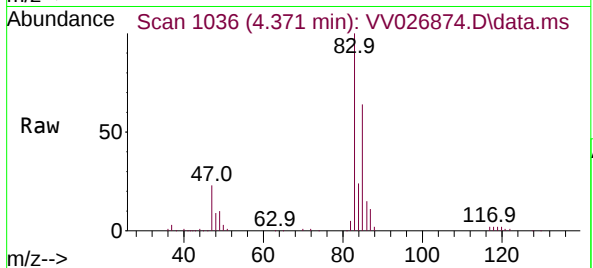
YBE68MS

Tgt Ion: 83 Resp: 222665

Ion Ratio Lower Upper

83 100

85 64.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.707 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.007 min

Lab File: VV026874.D

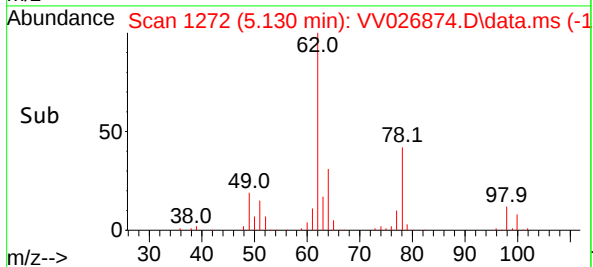
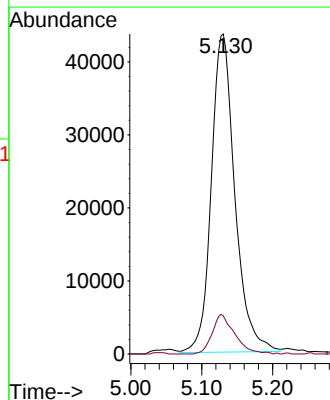
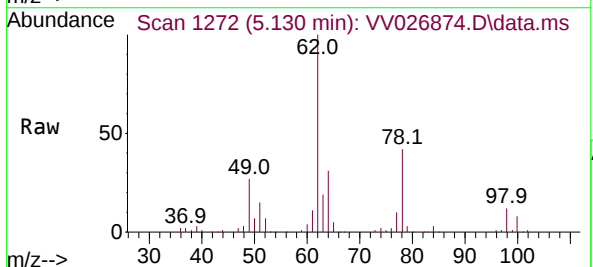
Acq: 21 Jul 2022 14:59

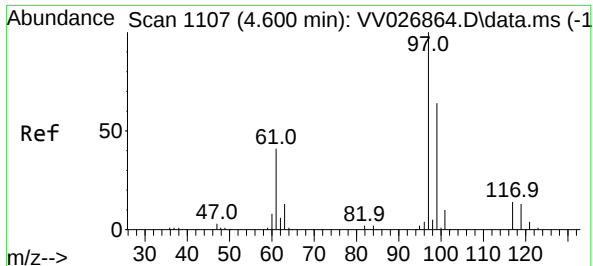
Tgt Ion: 62 Resp: 100676

Ion Ratio Lower Upper

62 100

98 11.9 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.778 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

YBE68MS

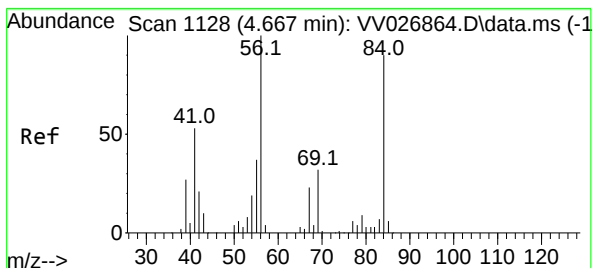
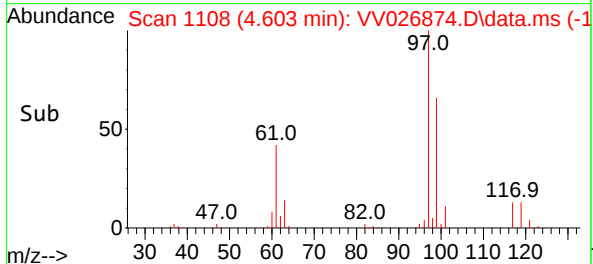
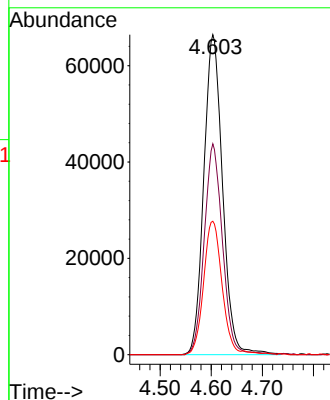
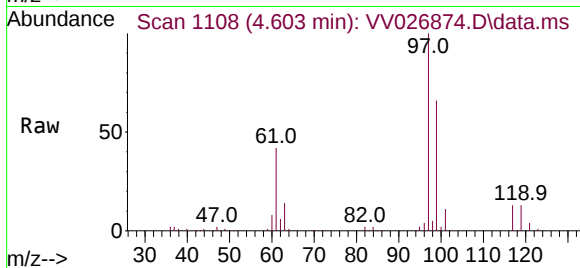
Tgt Ion: 97 Resp: 169750

Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 40.4 35.1 52.7



#30

Cyclohexane

Concen: 5.045 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

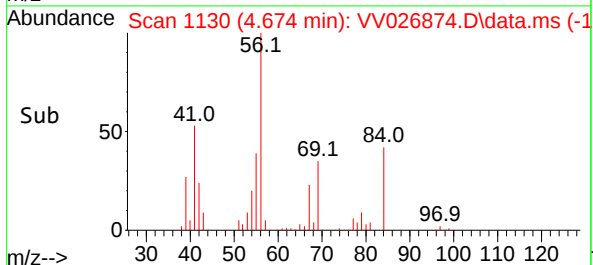
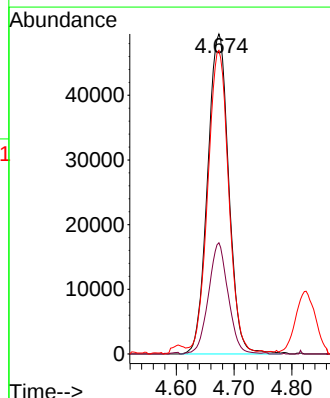
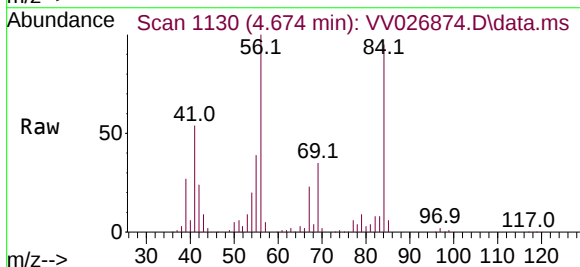
Tgt Ion: 56 Resp: 126299

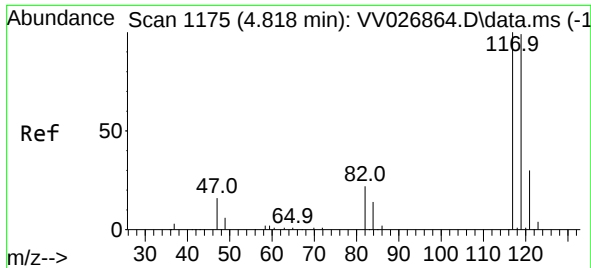
Ion Ratio Lower Upper

56 100

69 32.2 25.1 37.7

84 92.2 74.0 111.0

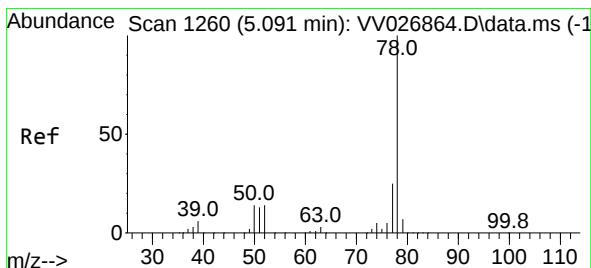
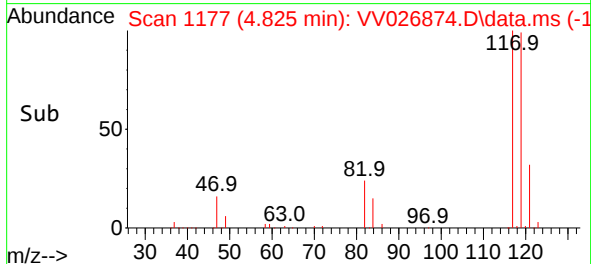
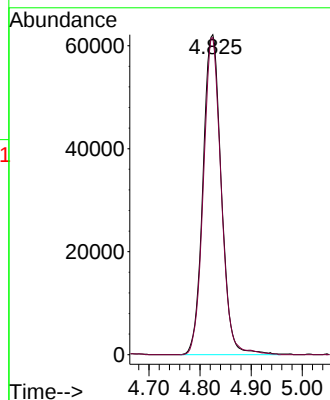
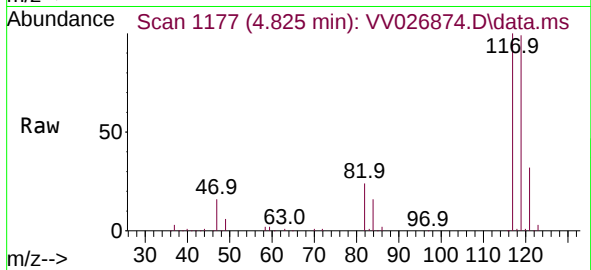




#31
Carbon tetrachloride
Concen: 5.984 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

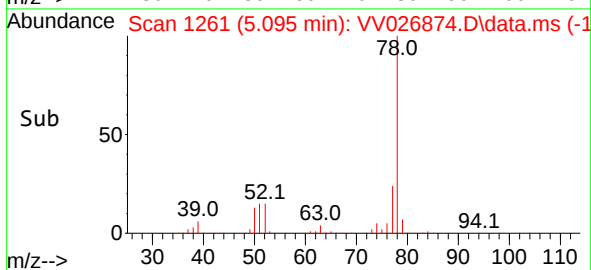
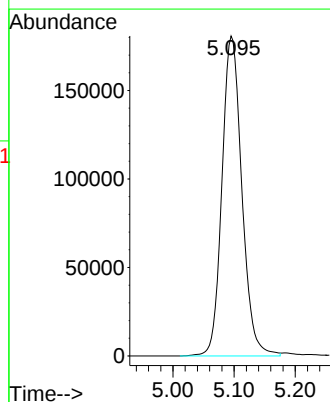
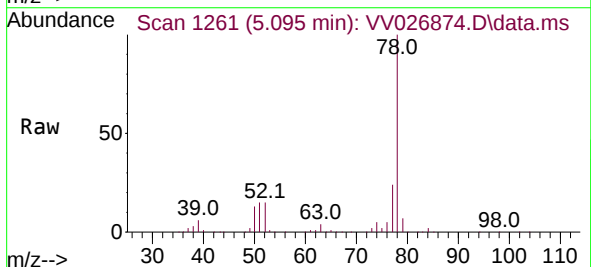
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

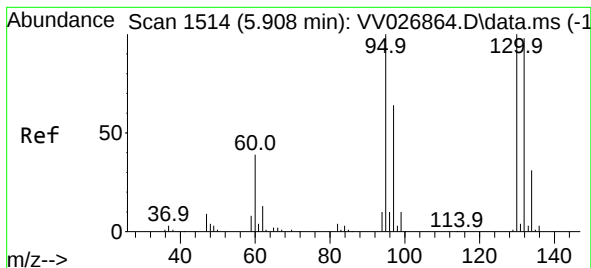
Tgt Ion:117 Resp: 155273
Ion Ratio Lower Upper
117 100
119 95.1 75.1 112.7



#33
Benzene
Concen: 5.610 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 78 Resp: 408864





#34

Trichloroethene

Concen: 12.908 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

YBE68MS

Tgt Ion: 95 Resp: 231229

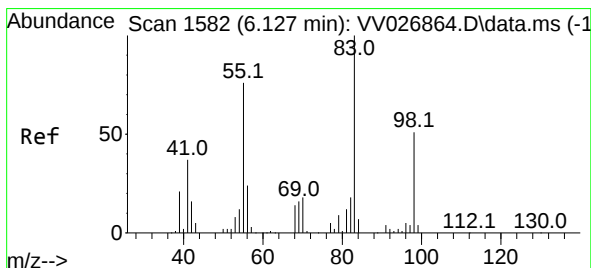
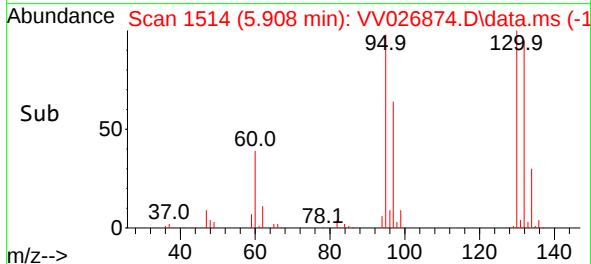
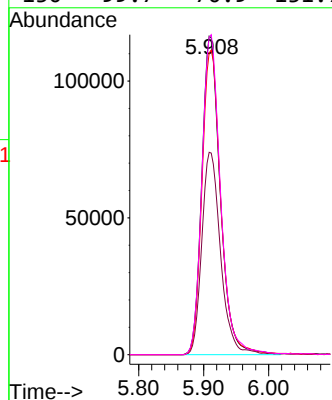
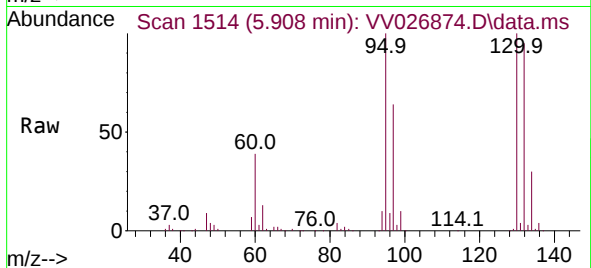
Ion Ratio Lower Upper

95 100

97 63.5 44.6 82.8

132 94.7 70.2 130.4

130 99.7 70.9 131.7



#35

Methylcyclohexane

Concen: 5.355 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

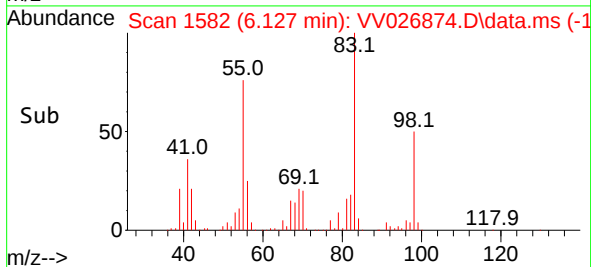
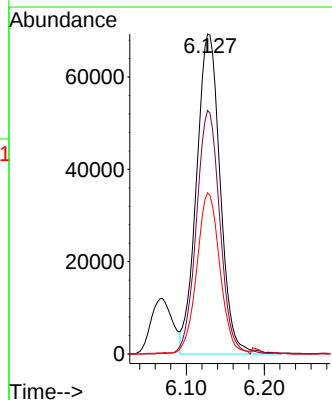
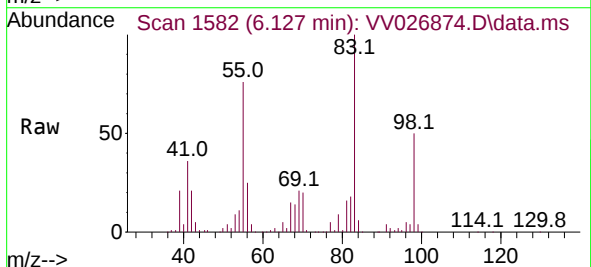
Tgt Ion: 83 Resp: 146409

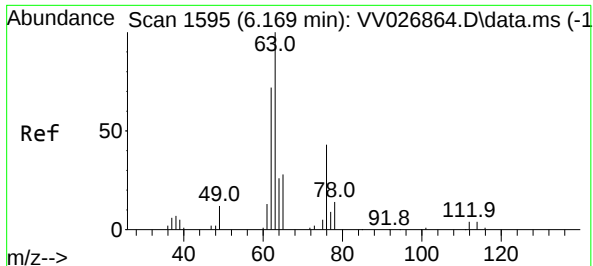
Ion Ratio Lower Upper

83 100

55 75.5 59.5 89.3

98 49.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.956 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

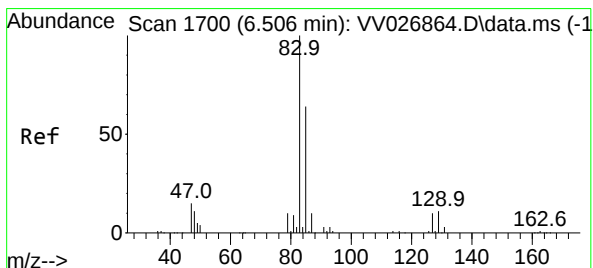
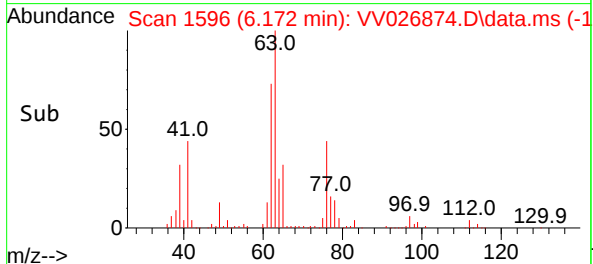
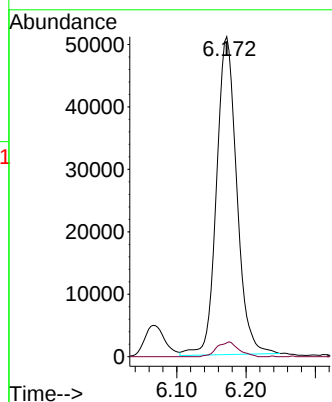
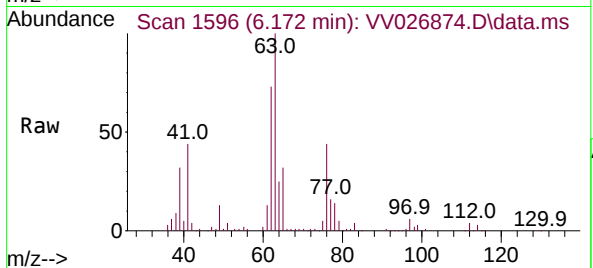
YBE68MS

Tgt Ion: 63 Resp: 103809

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 5.789 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

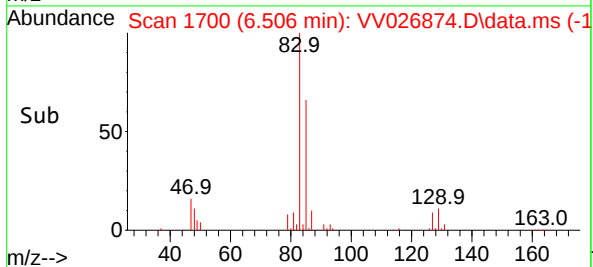
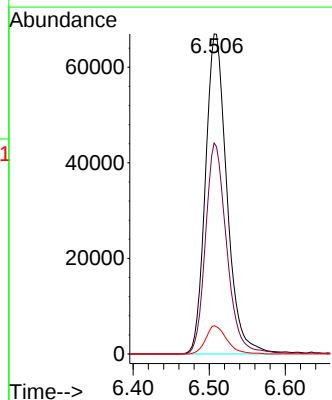
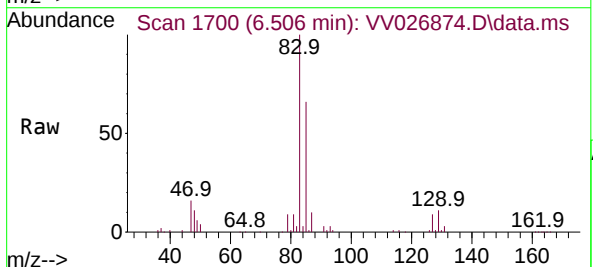
Tgt Ion: 83 Resp: 131541

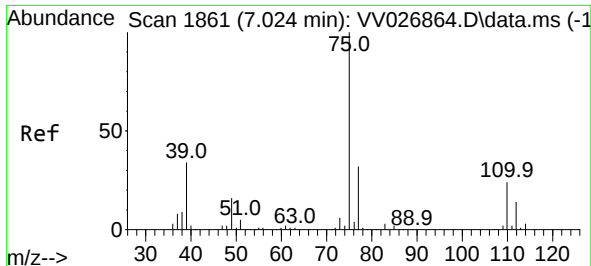
Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.4

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.462 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

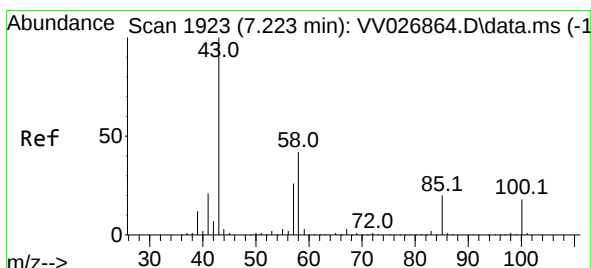
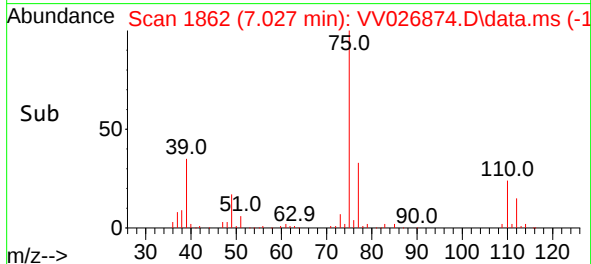
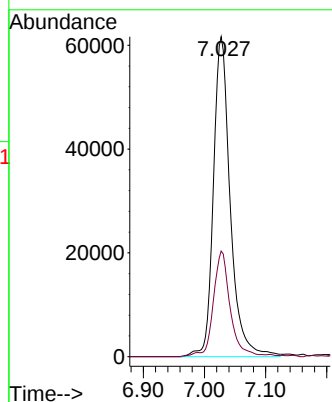
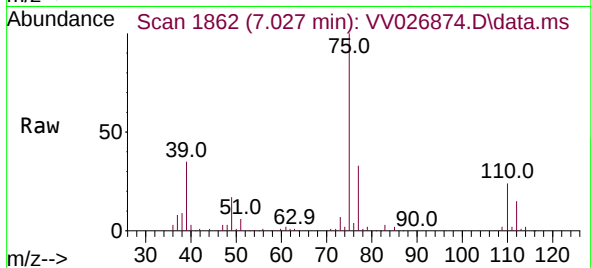
YBE68MS

Tgt Ion: 75 Resp: 118315

Ion Ratio Lower Upper

75 100

77 33.0 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 54.855 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

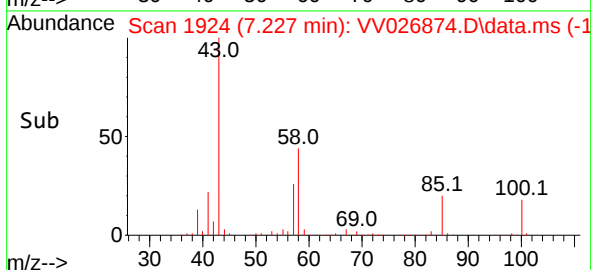
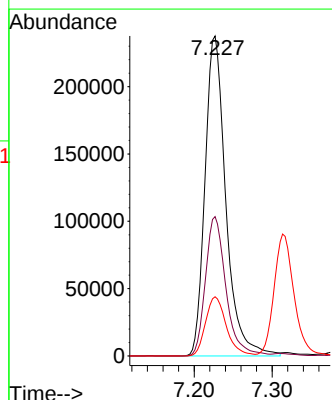
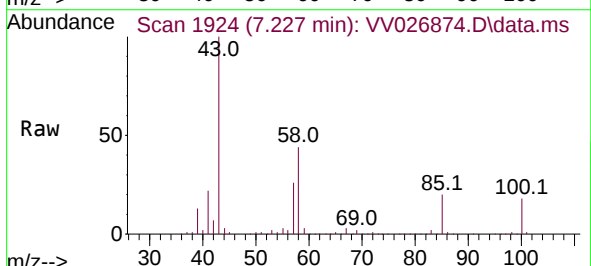
Tgt Ion: 43 Resp: 441634

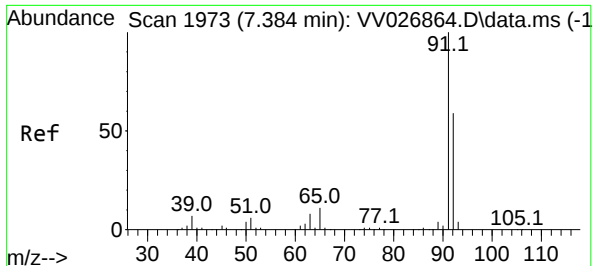
Ion Ratio Lower Upper

43 100

58 42.8 34.6 51.8

100 18.5 13.6 20.4





#42

Toluene

Concen: 9.758 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

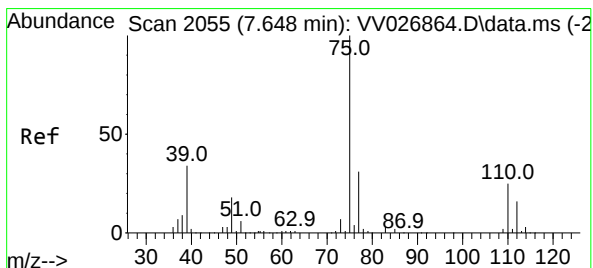
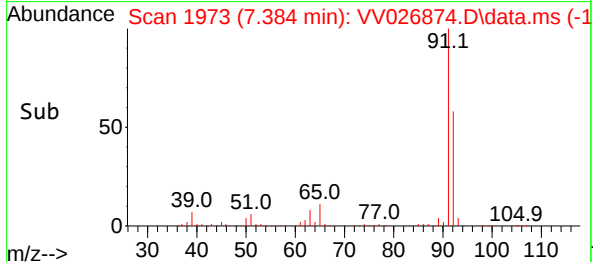
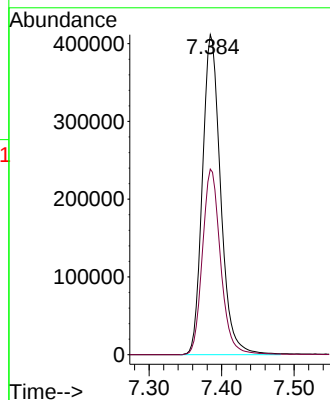
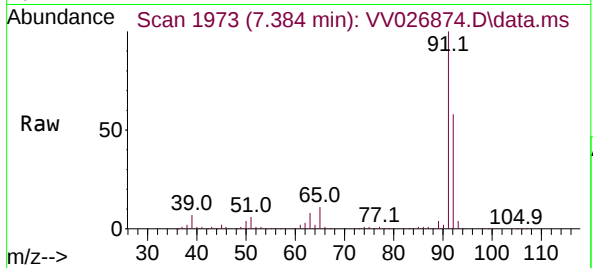
YBE68MS

Tgt Ion: 91 Resp: 718318

Ion Ratio Lower Upper

91 100

92 58.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.885 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026874.D

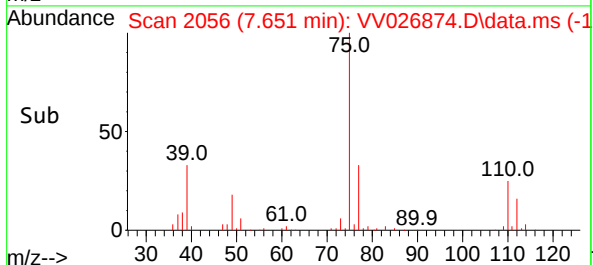
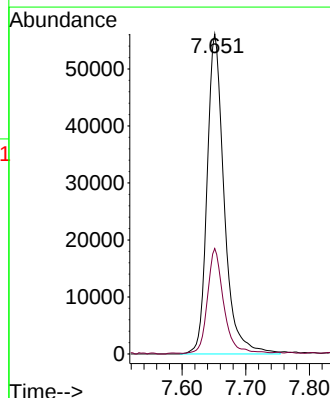
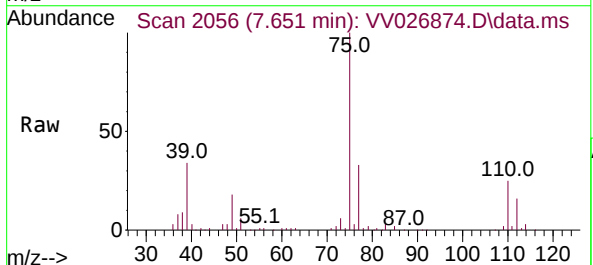
Acq: 21 Jul 2022 14:59

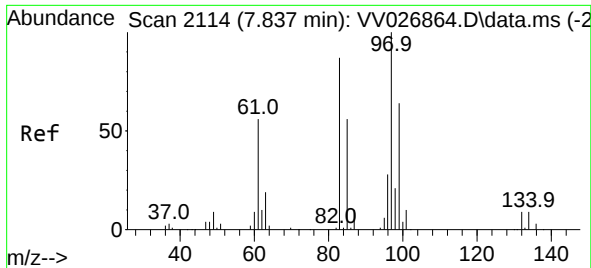
Tgt Ion: 75 Resp: 104660

Ion Ratio Lower Upper

75 100

77 32.9 22.7 42.3

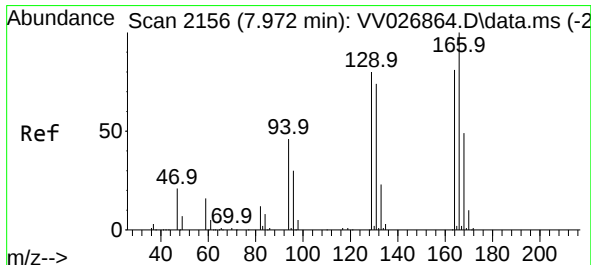
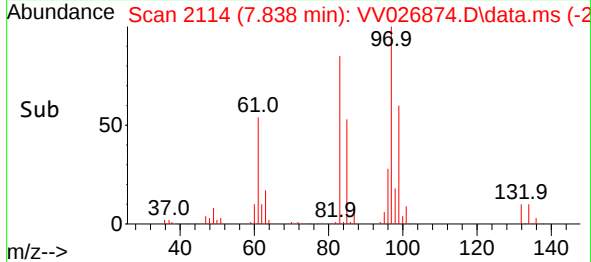
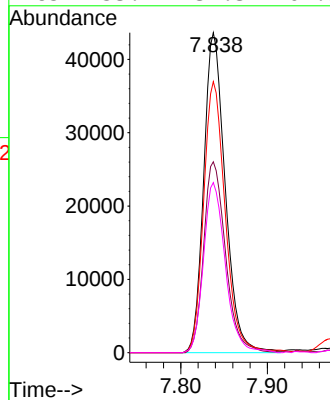
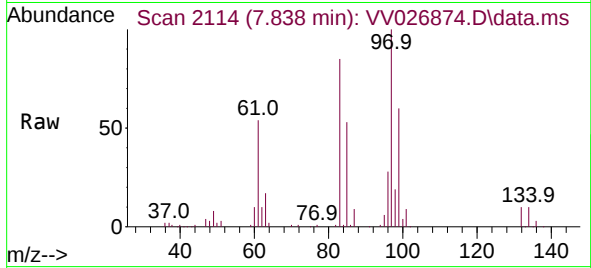




#45
1,1,2-Trichloroethane
Concen: 5.917 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

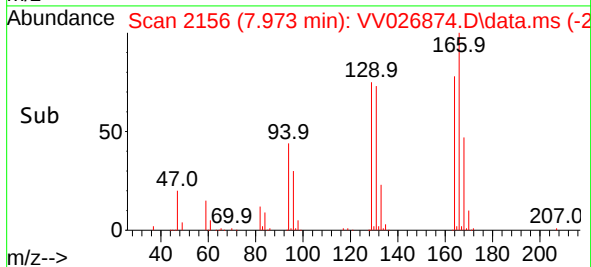
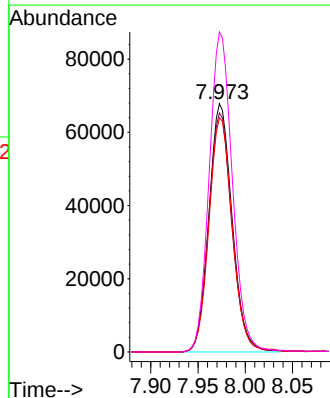
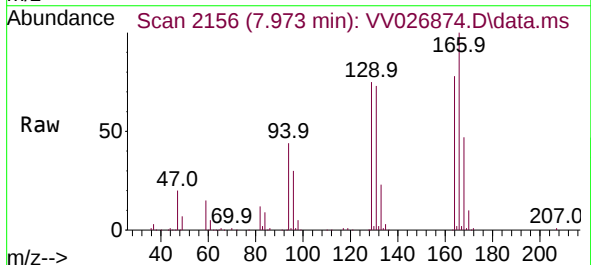
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

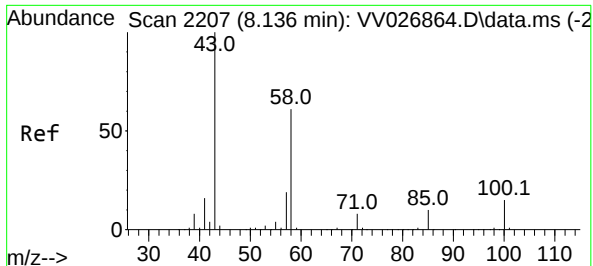
Tgt Ion: 97	Resp: 75384
Ion Ratio	Lower Upper
97 100	
99 59.7	41.9 77.9
83 84.7	58.1 107.9
85 53.2	37.3 69.3



#47
Tetrachloroethene
Concen: 8.249 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt	Ion:164	Resp:	115904
Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.8	125.8
131	94.3	65.9	122.5
166	128.8	88.8	164.8

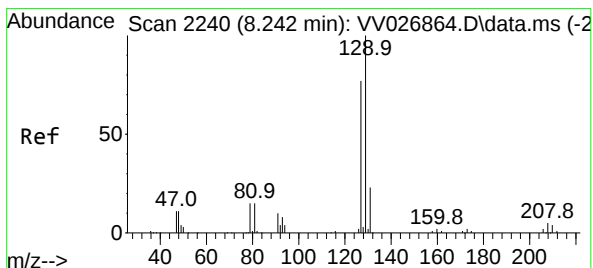
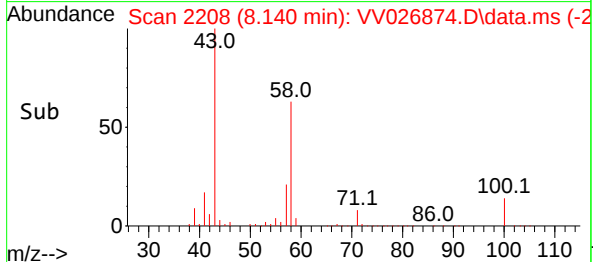
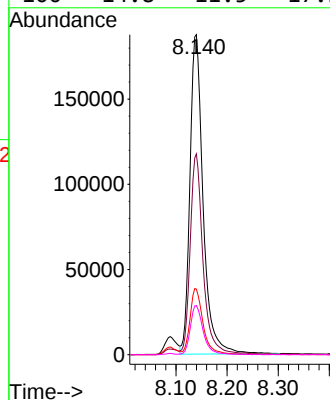
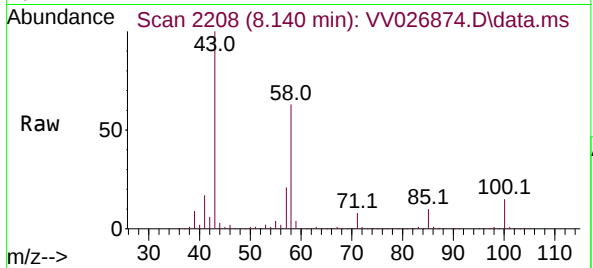




#48
2-Hexanone
Concen: 57.724 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

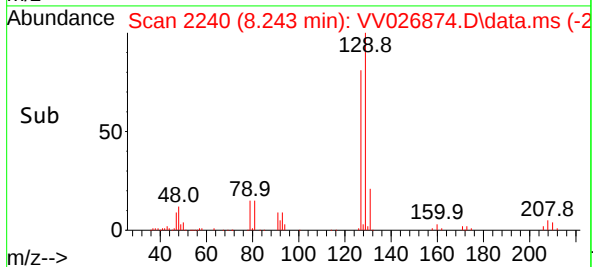
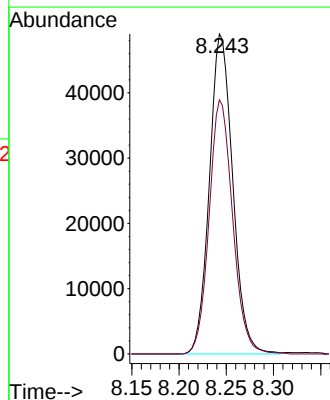
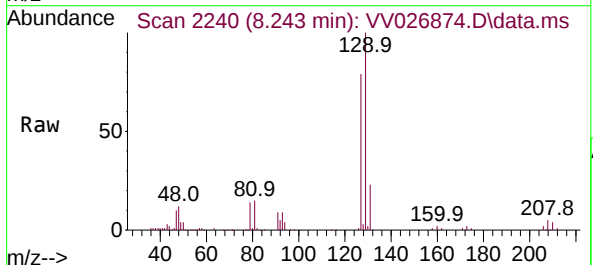
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

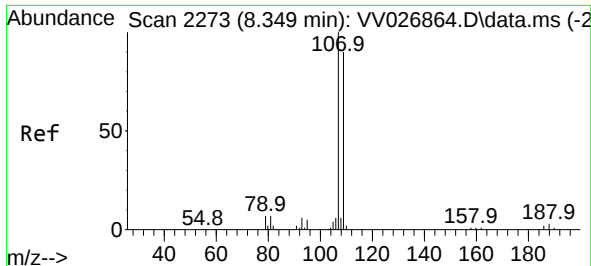
Tgt Ion: 43 Resp: 336351
Ion Ratio Lower Upper
43 100
58 59.6 47.9 71.9
57 20.2 16.3 24.5
100 14.8 11.5 17.3



#49
Dibromochloromethane
Concen: 5.731 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 129 Resp: 84149
Ion Ratio Lower Upper
129 100
127 79.4 55.7 103.5

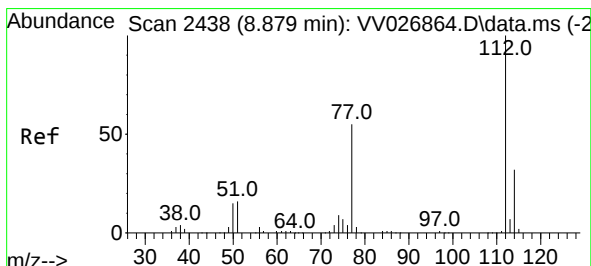
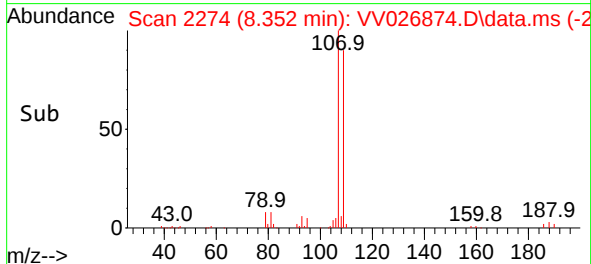
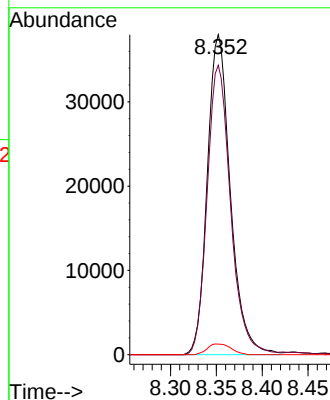
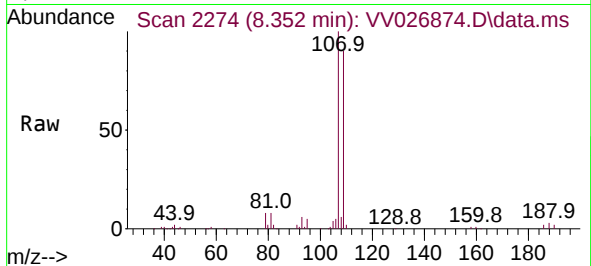




#50
1,2-Dibromoethane
Concen: 5.902 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

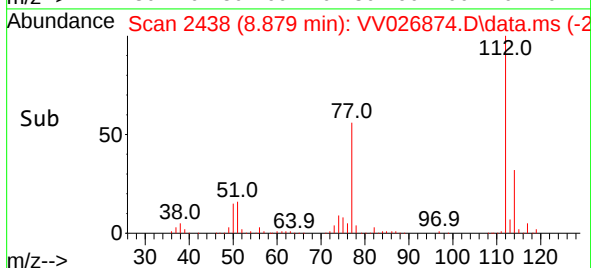
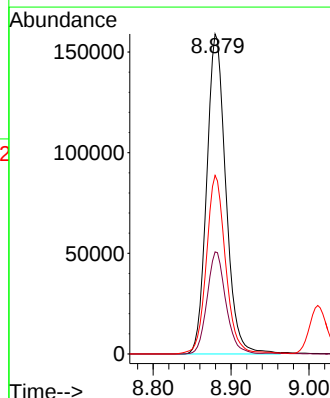
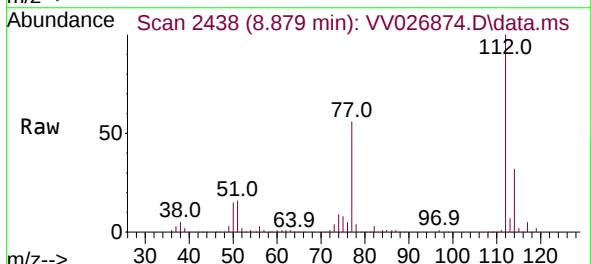
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

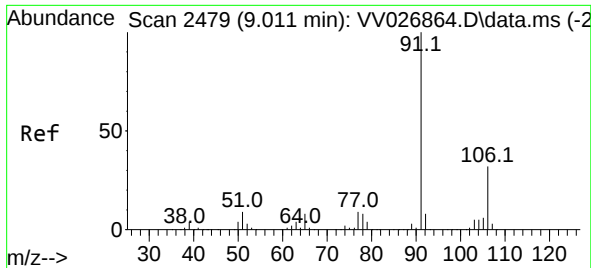
Tgt Ion:107 Resp: 66537
Ion Ratio Lower Upper
107 100
109 90.5 68.0 126.4
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 5.820 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion:112 Resp: 270859
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.1
77 55.8 46.6 70.0

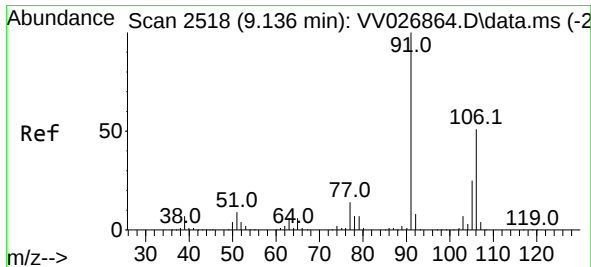
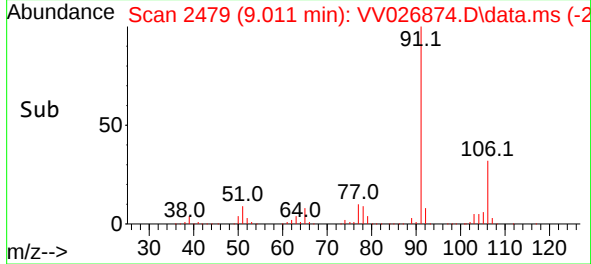
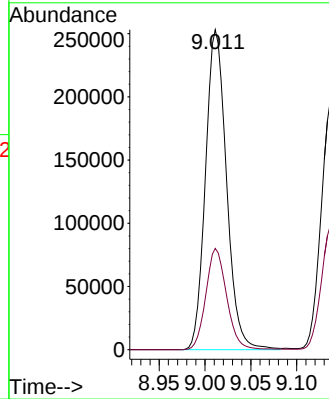
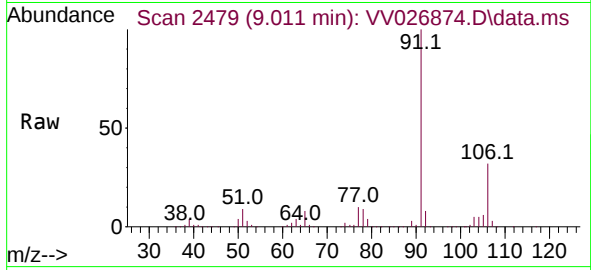




#52
Ethylbenzene
Concen: 5.549 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

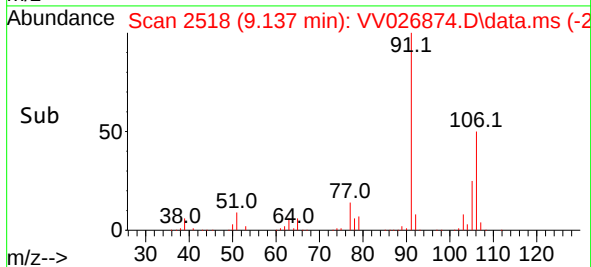
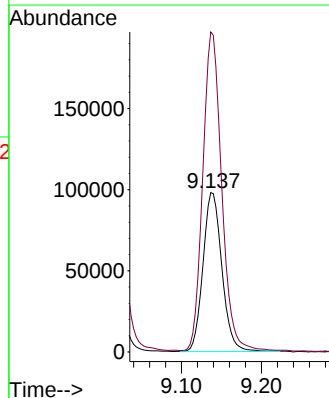
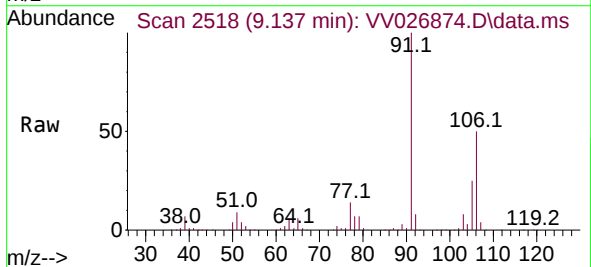
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

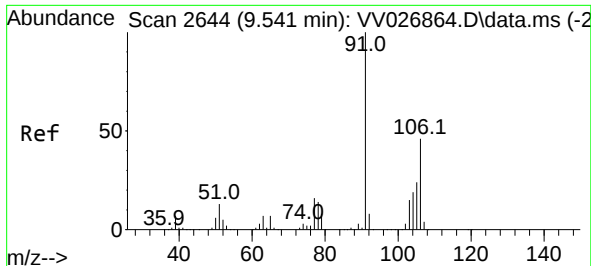
Tgt Ion: 91 Resp: 404267
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#53
m,p-Xylene
Concen: 5.692 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 106 Resp: 161255
Ion Ratio Lower Upper
106 100
91 200.8 139.3 258.7





#54

o-Xylene

Concen: 5.621 ug/L

RT: 9.542 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

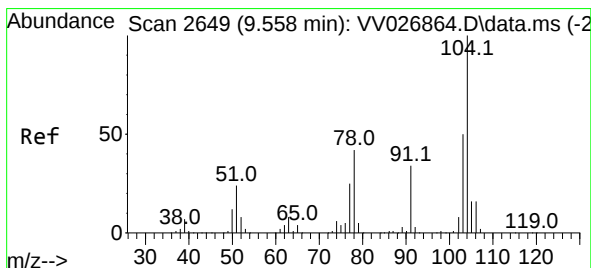
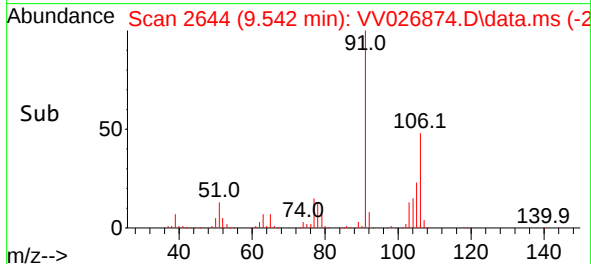
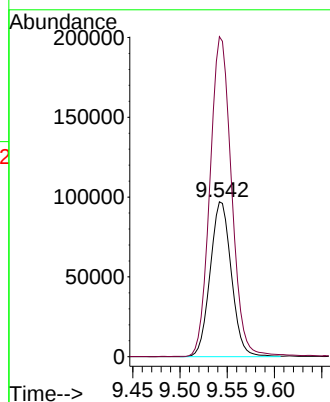
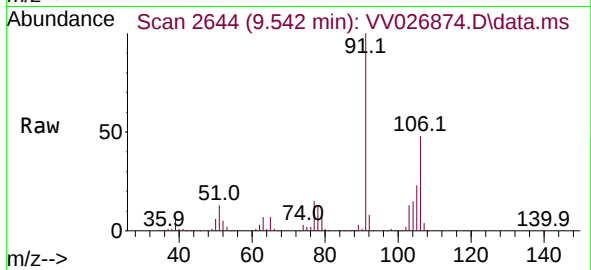
YBE68MS

Tgt Ion:106 Resp: 151334

Ion Ratio Lower Upper

106 100

91 206.6 151.1 280.7



#55

Styrene

Concen: 5.555 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.003 min

Lab File: VV026874.D

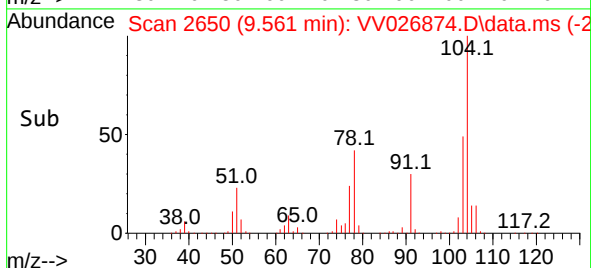
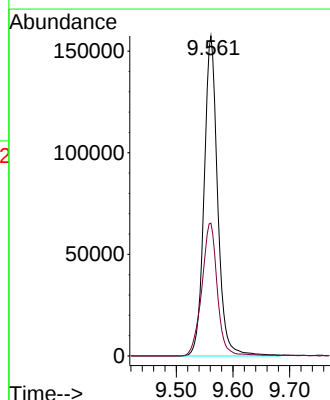
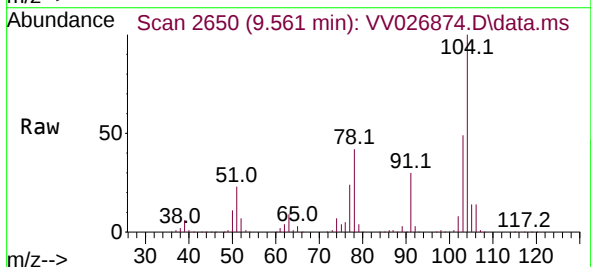
Acq: 21 Jul 2022 14:59

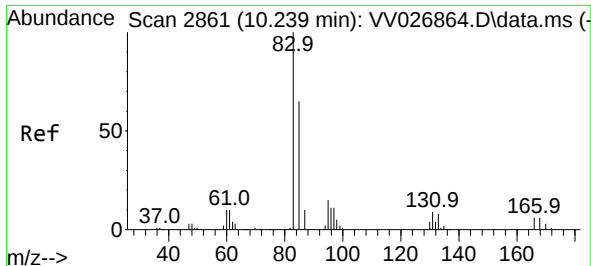
Tgt Ion:104 Resp: 262109

Ion Ratio Lower Upper

104 100

78 41.5 29.5 54.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.608 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

YBE68MS

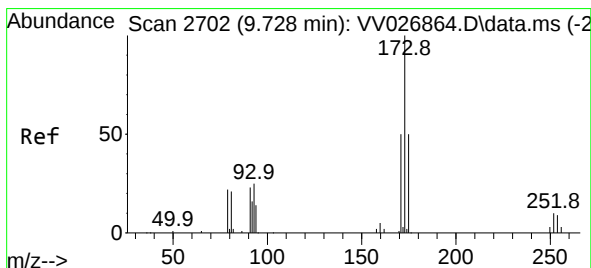
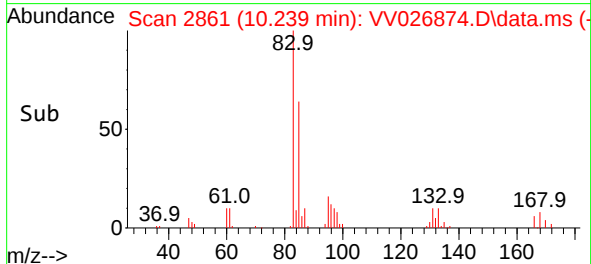
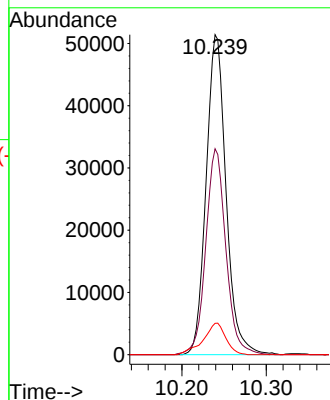
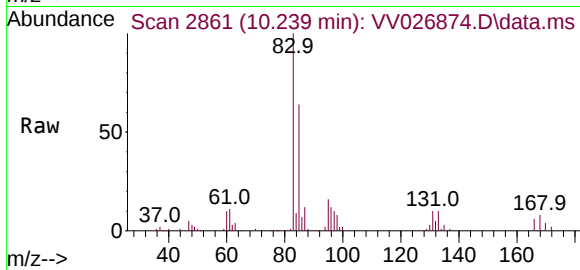
Tgt Ion: 83 Resp: 84587

Ion Ratio Lower Upper

83 100

85 64.4 43.6 81.0

131 9.8 7.4 11.2



#59

Bromoform

Concen: 5.236 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

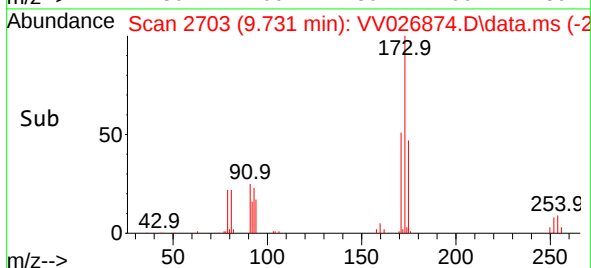
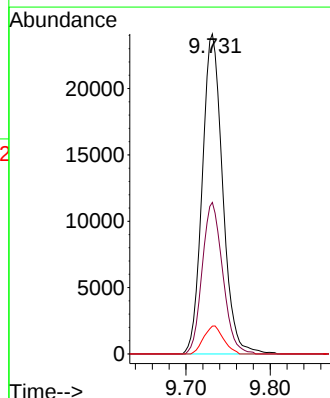
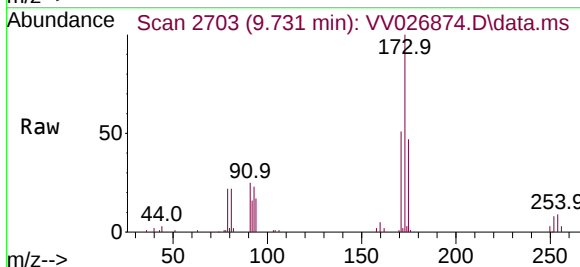
Tgt Ion: 173 Resp: 40638

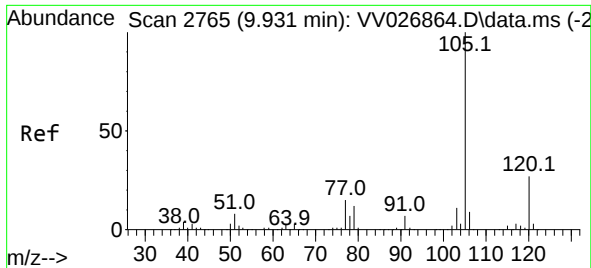
Ion Ratio Lower Upper

173 100

175 47.6 40.7 61.1

254 8.5 6.5 9.7

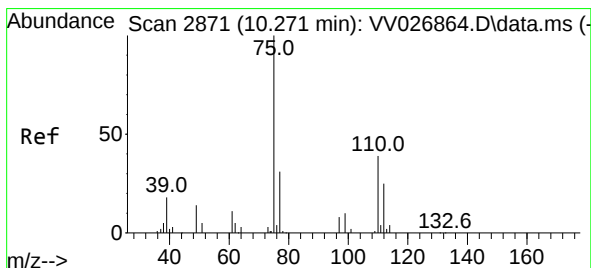
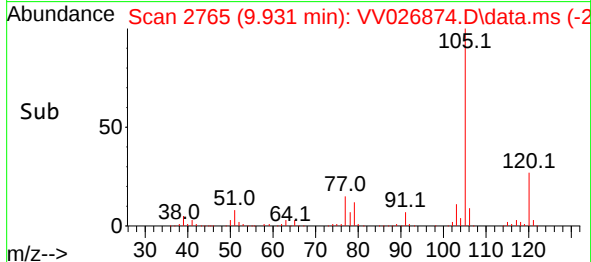
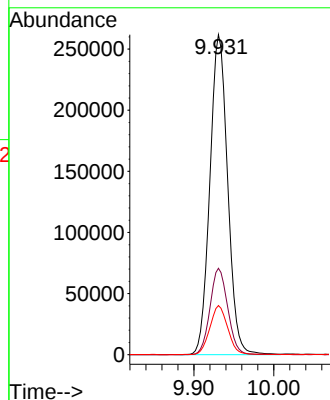
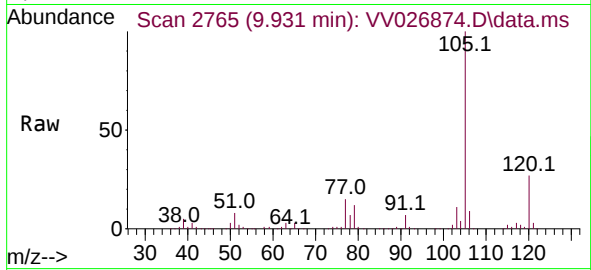




#60
Isopropylbenzene
Concen: 5.361 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

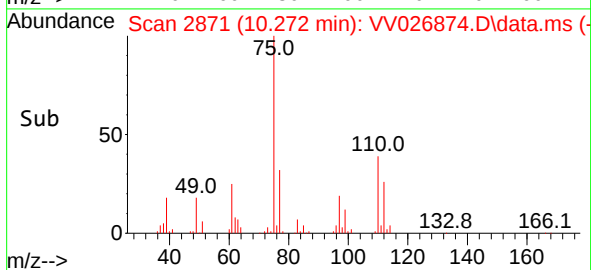
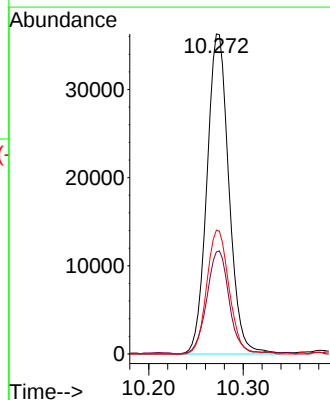
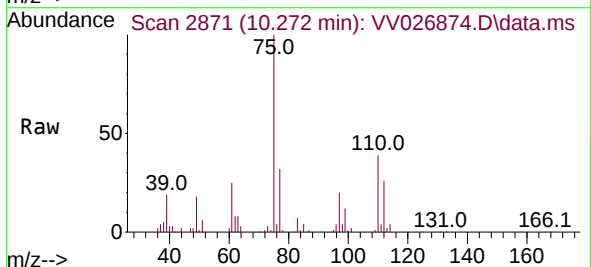
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

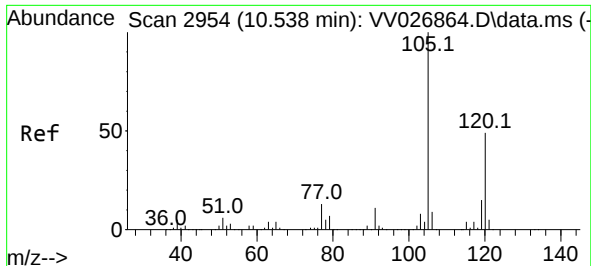
Tgt Ion:105 Resp: 404491
Ion Ratio Lower Upper
105 100
120 26.8 20.7 31.1
77 15.3 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.259 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 75 Resp: 58672
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 39.2 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.121 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

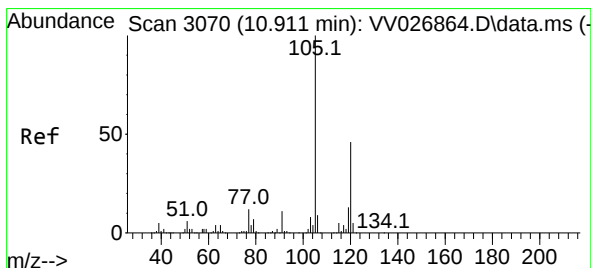
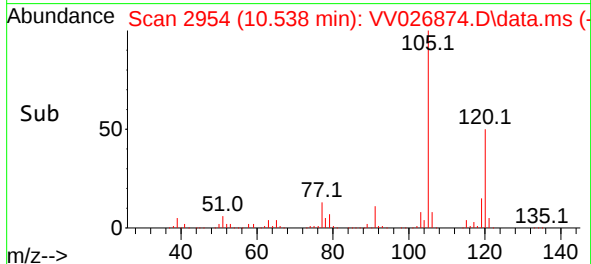
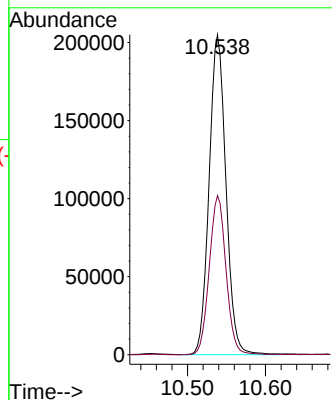
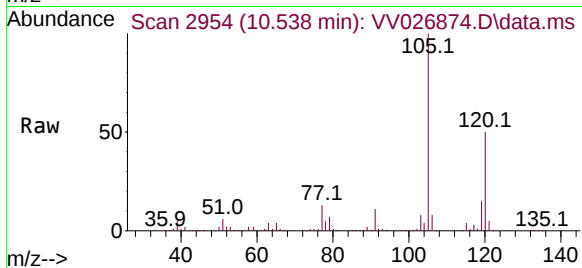
YBE68MS

Tgt Ion:105 Resp: 307413

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.148 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026874.D

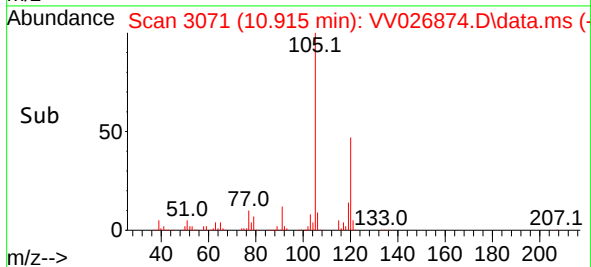
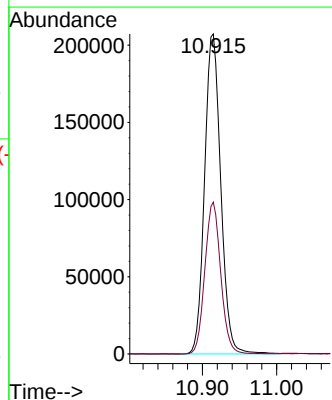
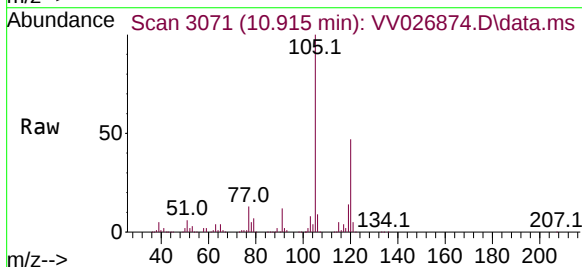
Acq: 21 Jul 2022 14:59

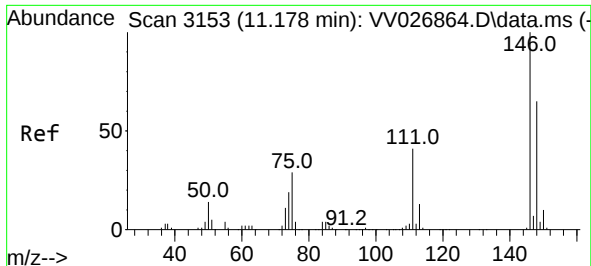
Tgt Ion:105 Resp: 313818

Ion Ratio Lower Upper

105 100

120 46.6 36.8 55.2

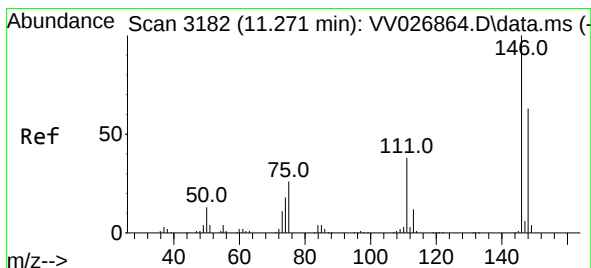
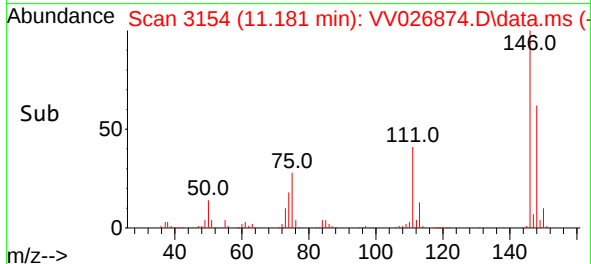
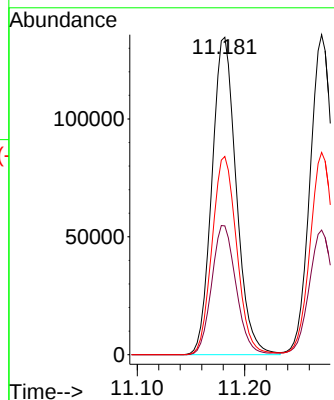
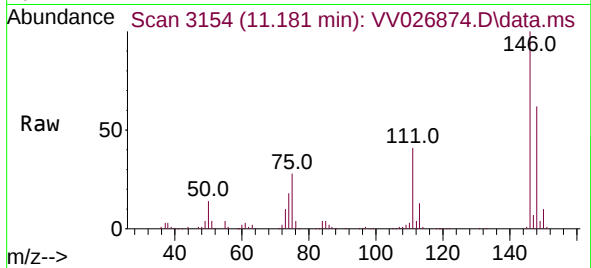




#64
 1,3-Dichlorobenzene
 Concen: 5.731 ug/L
 RT: 11.181 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

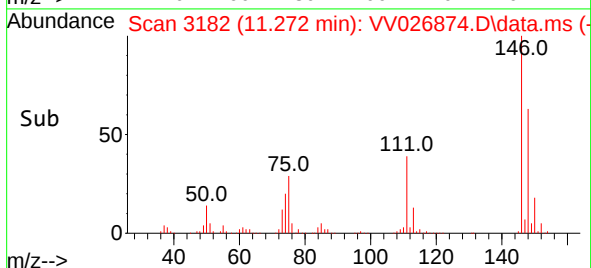
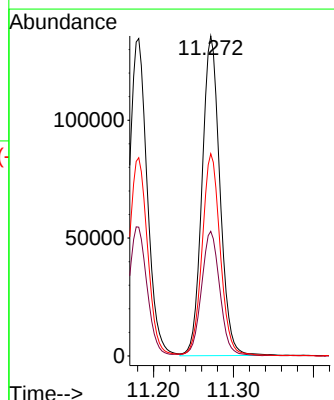
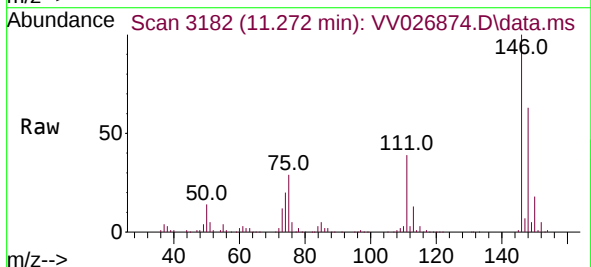
Instrument :
 MSVOA_V
 ClientSampleId :
 YBE68MS

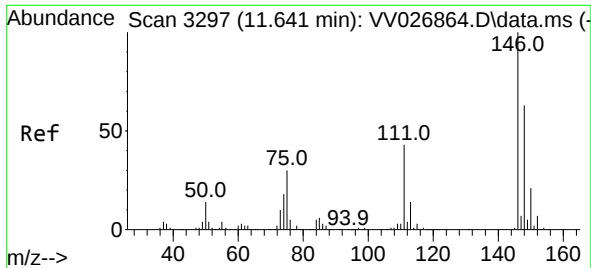
Tgt Ion:146 Resp: 211826
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.9 51.7
 148 62.4 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 5.624 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

Tgt Ion:146 Resp: 211396
 Ion Ratio Lower Upper
 146 100
 111 39.0 26.8 49.8
 148 63.2 43.3 80.5

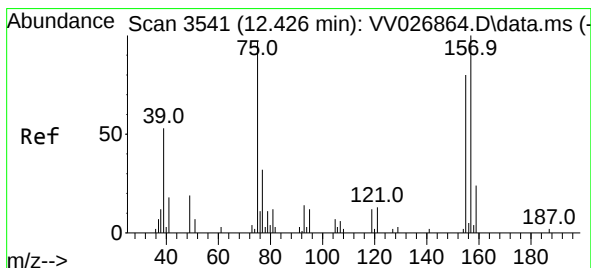
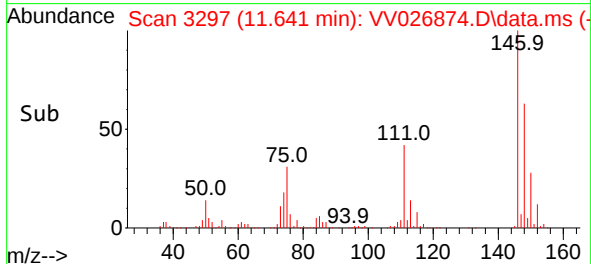
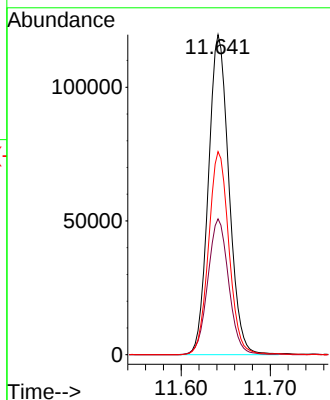
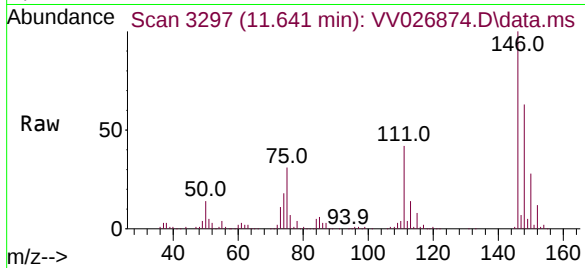




#67
1,2-Dichlorobenzene
Concen: 5.551 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

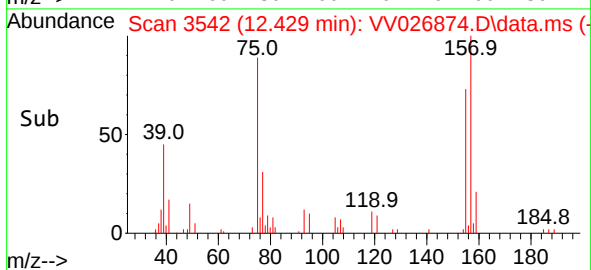
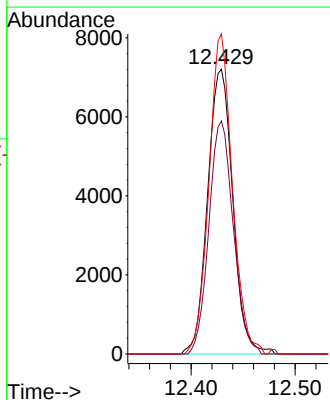
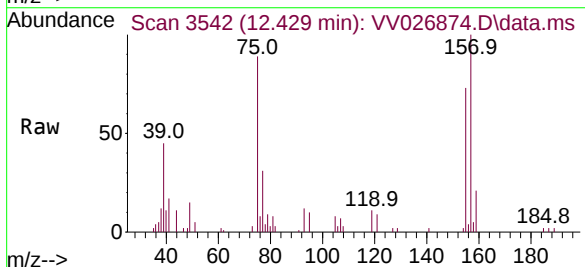
Instrument :
MSVOA_V
ClientSampleId :
YBE68MS

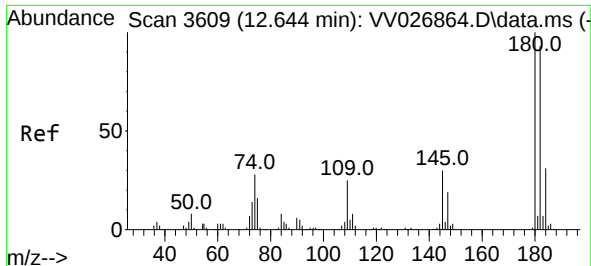
Tgt Ion:146 Resp: 191617
Ion Ratio Lower Upper
146 100
111 42.4 34.6 52.0
148 63.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.105 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026874.D
Acq: 21 Jul 2022 14:59

Tgt Ion: 75 Resp: 12072
Ion Ratio Lower Upper
75 100
155 81.8 60.3 90.5
157 112.3 78.2 117.4



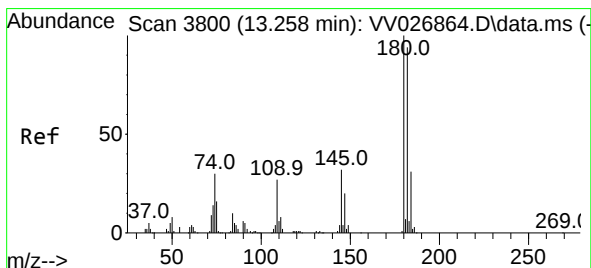
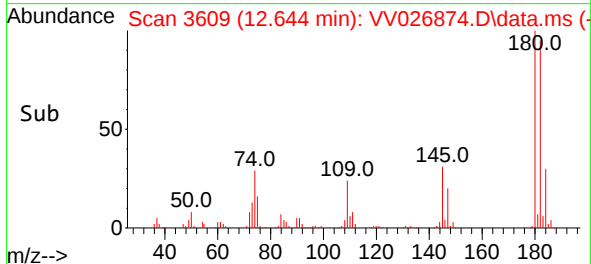
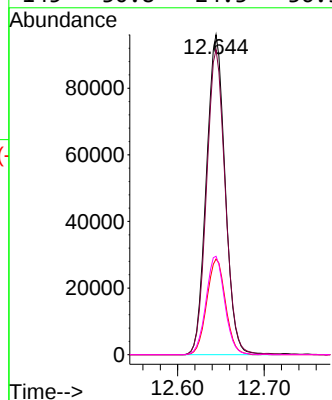
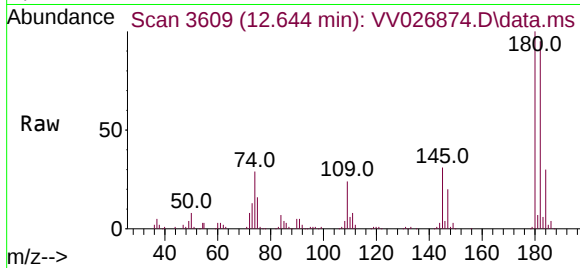


#69
 1,3,5-Trichlorobenzene
 Concen: 5.524 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

Instrument :
 MSVOA_V
 ClientSampleId :
 YBE68MS

Tgt Ion:180 Resp: 144333

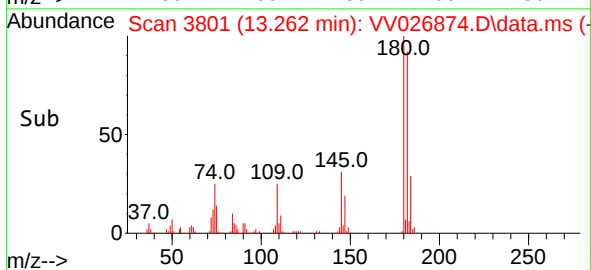
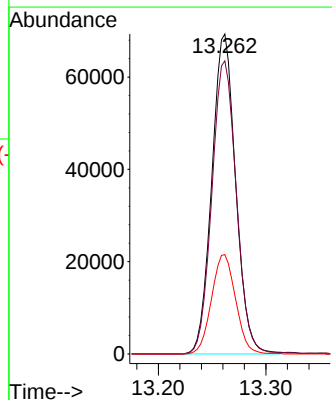
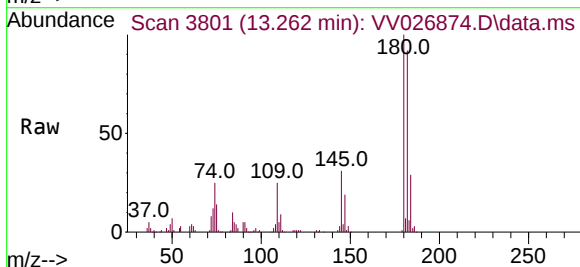
Ion	Ratio	Lower	Upper
180	100		
182	95.1	74.0	111.0
184	30.0	23.1	34.7
145	30.8	24.3	36.5

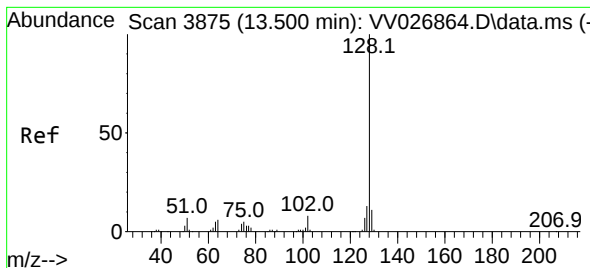


#70
 1,2,4-trichlorobenzene
 Concen: 5.376 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026874.D
 Acq: 21 Jul 2022 14:59

Tgt Ion:180 Resp: 106821

Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.7	112.1
145	31.4	24.7	37.1





#71

Naphthalene

Concen: 4.467 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

YBE68MS

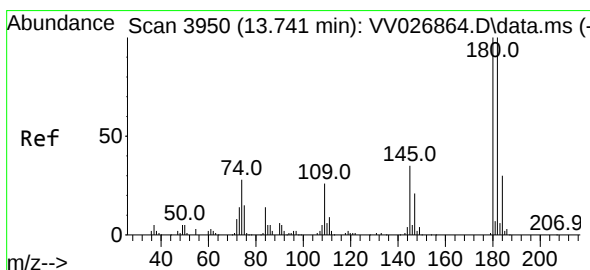
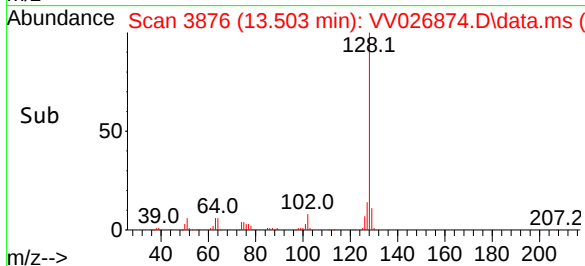
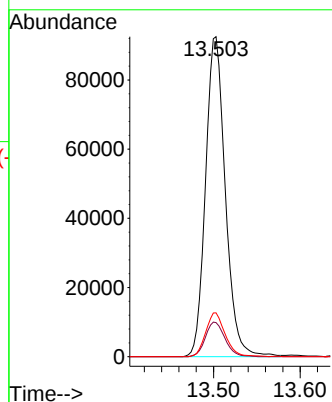
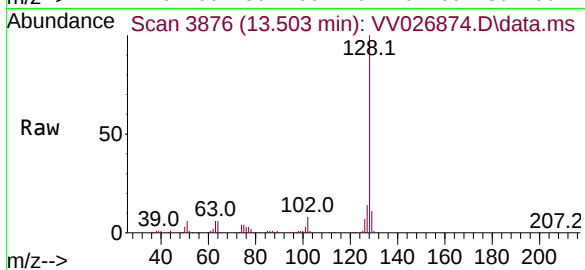
Tgt Ion:128 Resp: 147050

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 13.5 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.141 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026874.D

Acq: 21 Jul 2022 14:59

Tgt Ion:180 Resp: 95048

Ion Ratio Lower Upper

180 100

182 94.0 75.0 112.4

145 33.7 26.0 39.0

