

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024870.D
 Acq On : 08 Mar 2022 14:16
 Operator : SY/MD
 Sample : N1811-06MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 09 05:04:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	183284	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170565	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66302	4.265	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.200%	
7) Chloroethane-d5	1.568	69	58269	4.569	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.108	63	116817	4.100	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	3.902	46	130722	58.869	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.740%	
24) Chloroform-d	4.349	84	130204	5.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.400%	
26) 1,2-Dichloroethane-d4	5.034	65	54960	5.083	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.050	84	261926	5.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
36) 1,2-Dichloropropane-d6	6.069	67	79009	5.456	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.200%	
41) Toluene-d8	7.313	98	230596	5.157	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
43) trans-1,3-Dichloroprop...	7.622	79	26713	5.538	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	110.800%	
46) 2-Hexanone-d5	8.088	63	103258	54.399	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.800%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46815	5.364	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	72078	5.225	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	73754	4.127	ug/L	99
3) Chloromethane	1.240	50	68273	3.824	ug/L	98
5) Vinyl chloride	1.311	62	77343	3.946	ug/L	99
6) Bromomethane	1.523	94	46764	3.995	ug/L	99
8) Chloroethane	1.584	64	46450	3.848	ug/L	100
9) Trichlorofluoromethane	1.754	101	101088	3.929	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	57508	3.849	ug/L	98
12) 1,1-Dichloroethene	2.118	96	57667	4.040	ug/L	95
13) Acetone	2.195	43	70852	45.245	ug/L	96
14) Carbon disulfide	2.294	76	171922	4.292	ug/L	100
15) Methyl Acetate	2.442	43	16831	4.105	ug/L	93
16) Methylene chloride	2.507	84	63249	4.500	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	128768	4.589	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	64469	4.625	ug/L	97
19) 1,1-Dichloroethane	3.188	63	117698	4.611	ug/L	99
21) 2-Butanone	3.986	43	117476	48.546	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	84973	5.766	ug/L	94
23) Bromochloromethane	4.249	128	27899	4.898	ug/L	84
25) Chloroform	4.375	83	122423	4.591	ug/L	99

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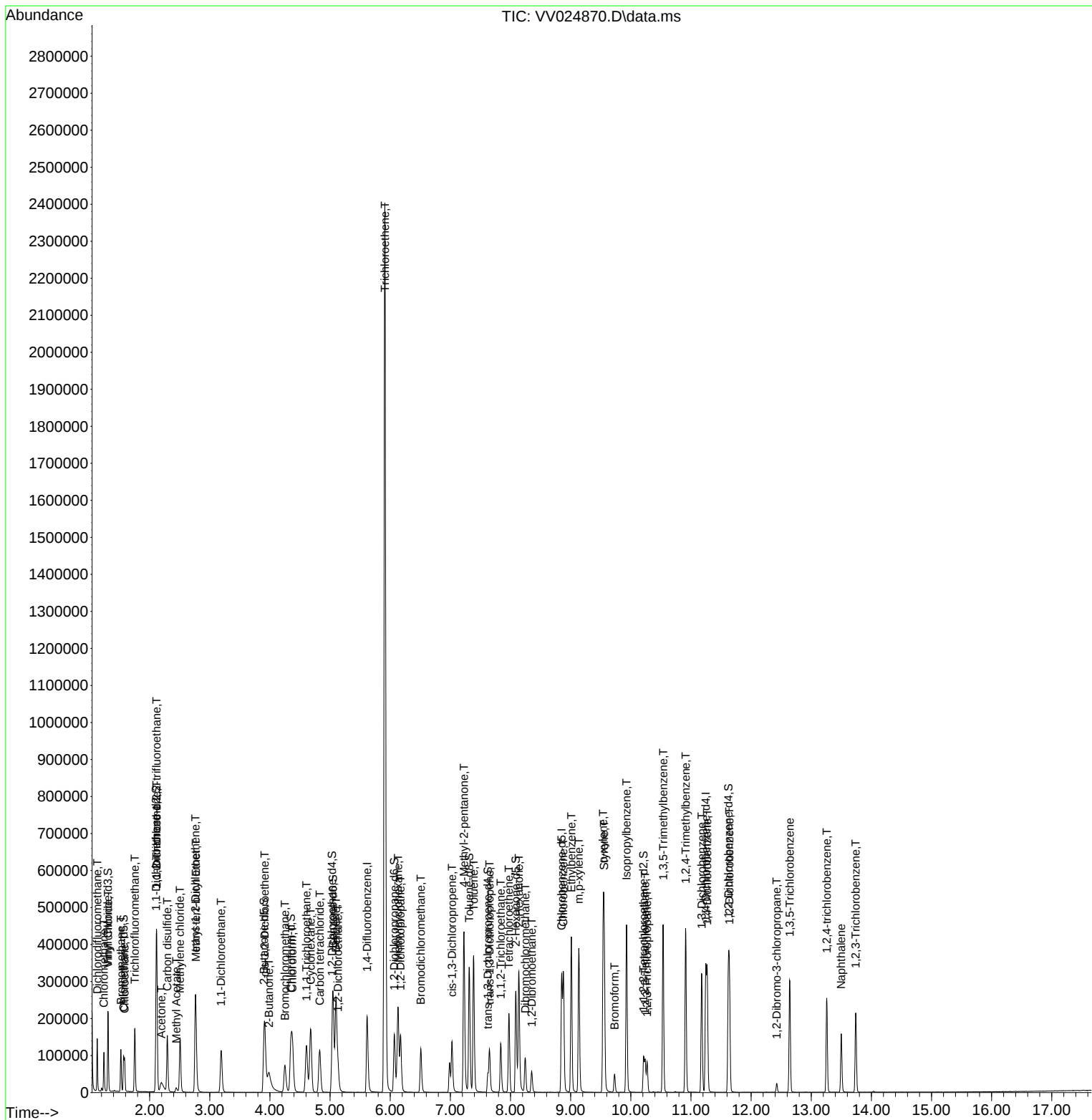
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 ClientSampleId :

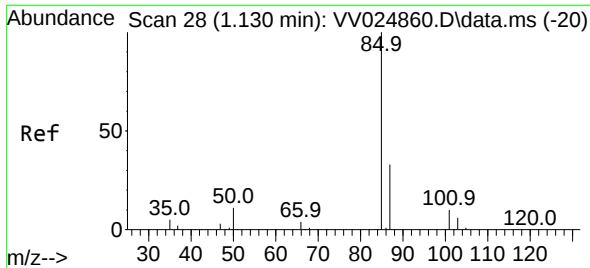
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	60783	4.271	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	105603	4.613	ug/L	98
30) Cyclohexane	4.677	56	97230	4.188	ug/L	98
31) Carbon tetrachloride	4.828	117	87194	4.531	ug/L	100
33) Benzene	5.098	78	265723	4.601	ug/L	100
34) Trichloroethene	5.912	95	862384	56.374	ug/L	95
35) Methylcyclohexane	6.130	83	104148	4.214	ug/L	98
37) 1,2-Dichloropropane	6.172	63	64264	4.710	ug/L	100
38) Bromodichloromethane	6.510	83	81453	4.743	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	89659	4.738	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	286674	44.171	ug/L	95
42) Toluene	7.387	91	277961	4.521	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	70630	4.671	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	41960	4.727	ug/L	98
47) Tetrachloroethene	7.976	164	46431	4.457	ug/L	98
48) 2-Hexanone	8.140	43	205815	45.103	ug/L	96
49) Dibromochloromethane	8.246	129	48571	4.931	ug/L	98
50) 1,2-Dibromoethane	8.352	107	38879	4.800	ug/L	96
51) Chlorobenzene	8.879	112	176586	4.591	ug/L	97
52) Ethylbenzene	9.011	91	298822	4.453	ug/L	99
53) m,p-xylene	9.137	106	114266	4.505	ug/L	100
54) o-xylene	9.542	106	110503	4.458	ug/L	100
55) Styrene	9.558	104	184755	4.582	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42968	4.577	ug/L	99
59) Bromoform	9.731	173	21011	5.206	ug/L	99
60) Isopropylbenzene	9.931	105	298870	4.532	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34441	4.766	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	243898	4.436	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	243769	4.467	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	128199	4.609	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	124649	4.487	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	114249	4.657	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6315	5.112	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	88035	4.464	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	70540	4.540	ug/L	99
71) Naphthalene	13.500	128	119644	4.528	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	60726	4.669	ug/L	99

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

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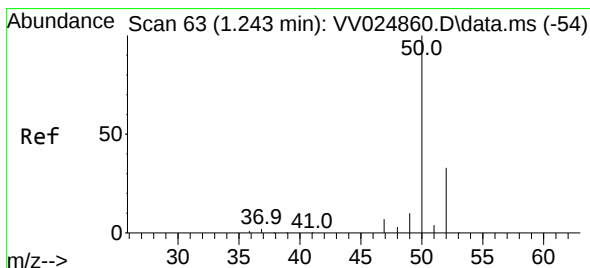
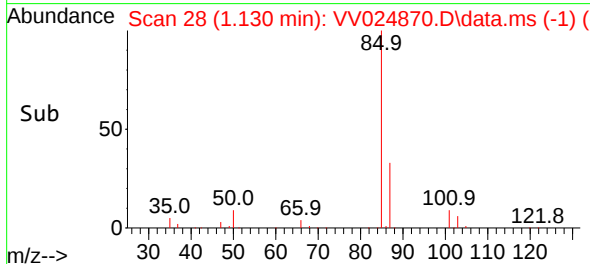
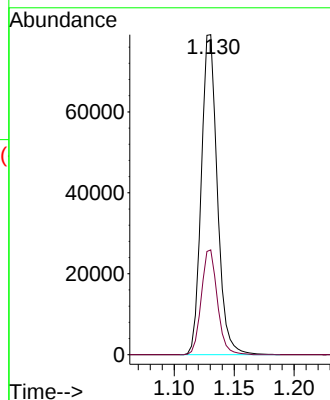
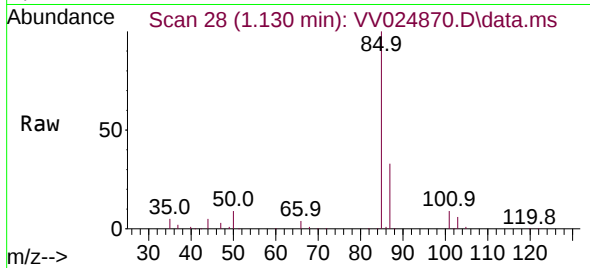




#2
 Dichlorodifluoromethane
 Concen: 4.127 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

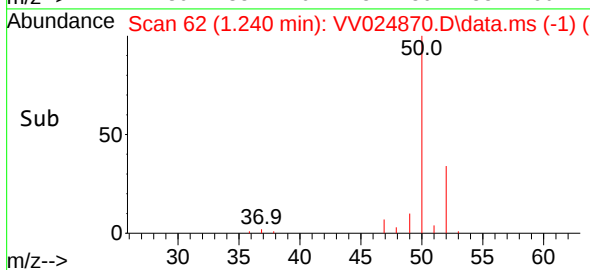
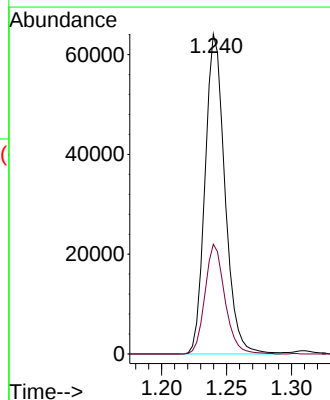
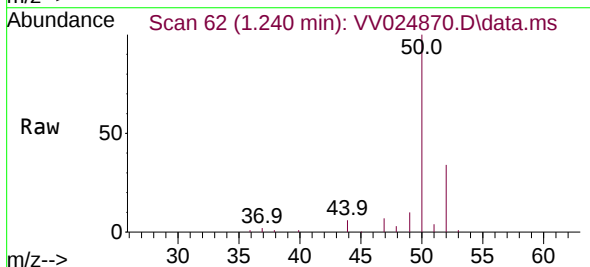
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 ClientSampleId :

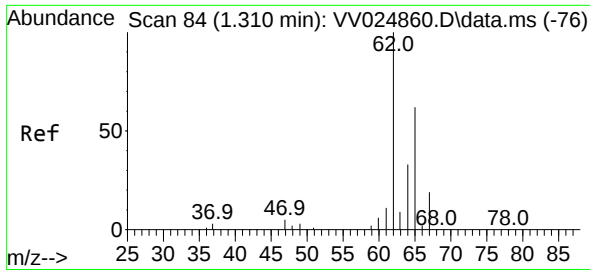
Tgt Ion: 85 Resp: 73754
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 3.824 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

Tgt Ion: 50 Resp: 68273
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.3 43.3

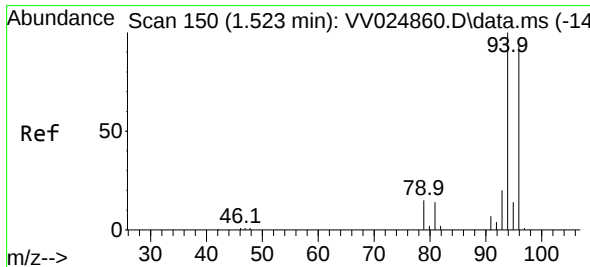
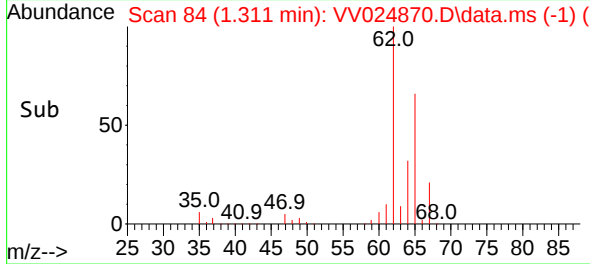
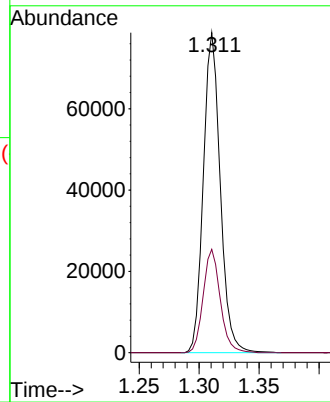
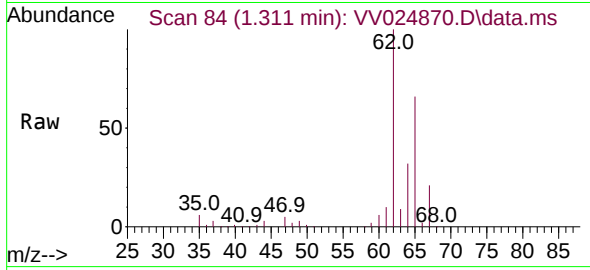




#5
 Vinyl chloride
 Concen: 3.946 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

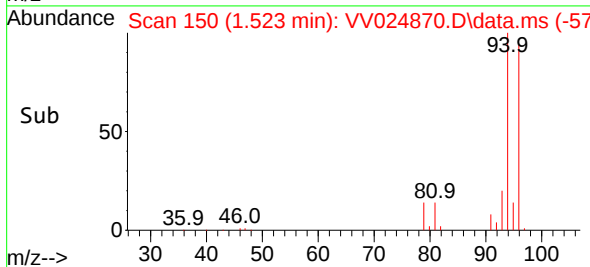
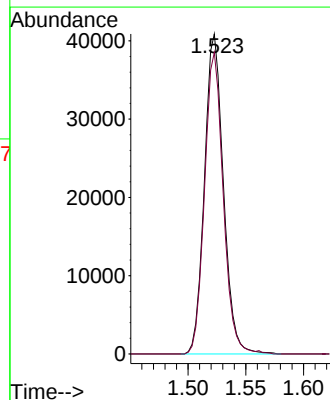
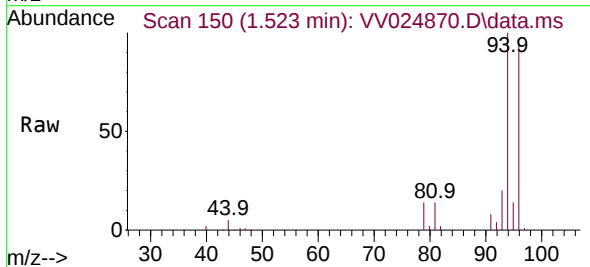
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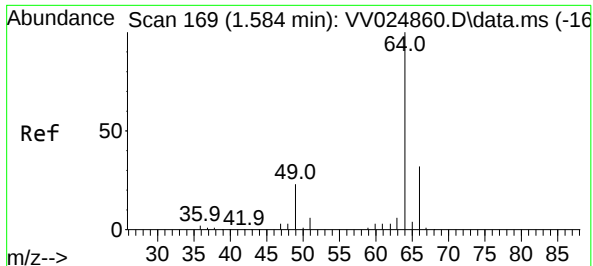
Tgt Ion: 62 Resp: 77343
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.2 41.2



#6
 Bromomethane
 Concen: 3.995 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

Tgt Ion: 94 Resp: 46764
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.5 123.5

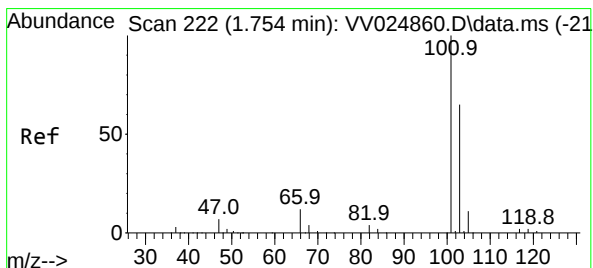
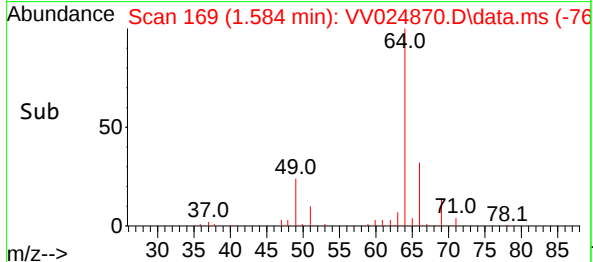
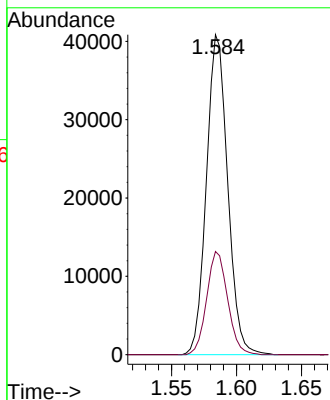
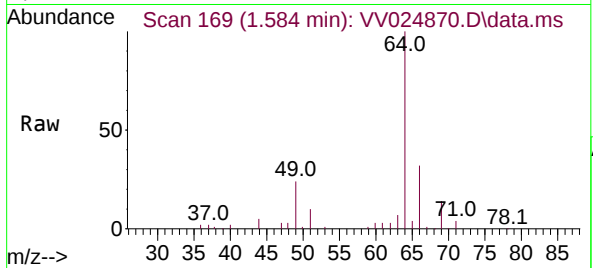




#8
Chloroethane
Concen: 3.848 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

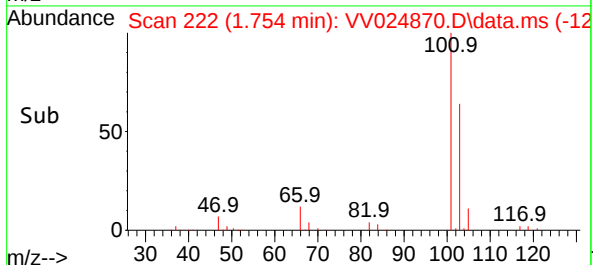
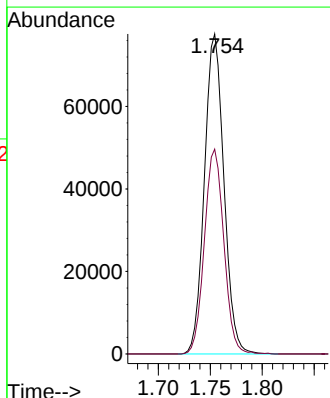
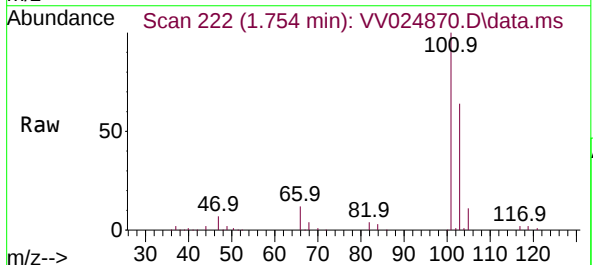
Instrument :
MSVOA_V
ClientSampleId :

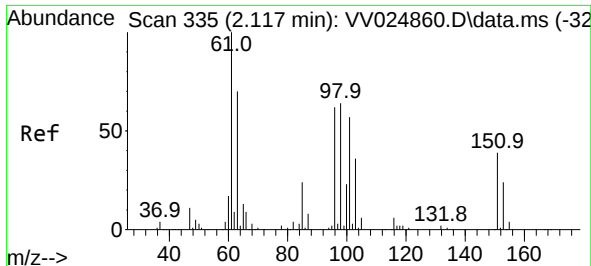
Tgt Ion: 64 Resp: 46450
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.929 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Tgt Ion:101 Resp: 101088
Ion Ratio Lower Upper
101 100
103 63.9 50.7 76.1

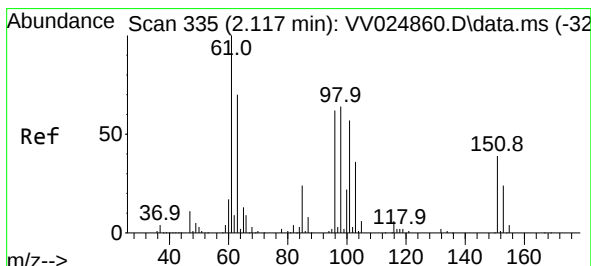
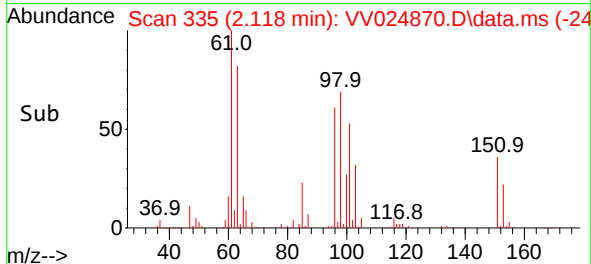
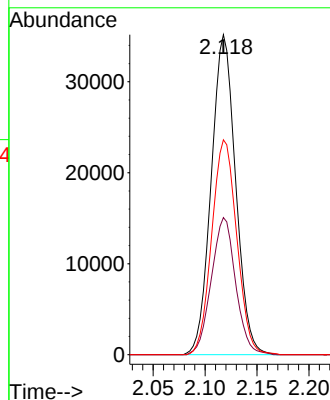
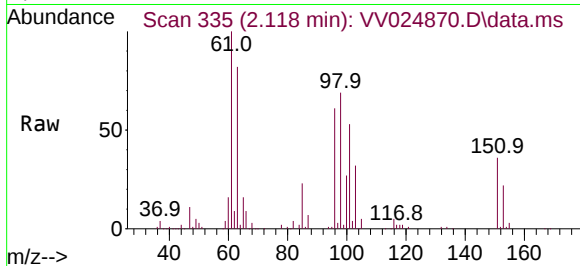




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.849 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

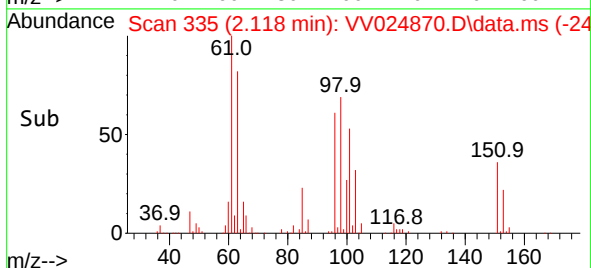
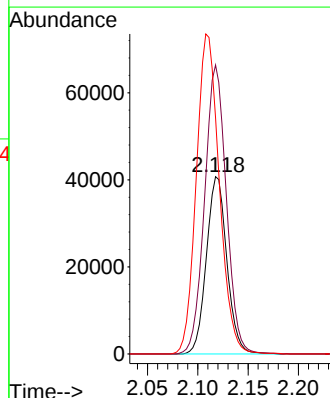
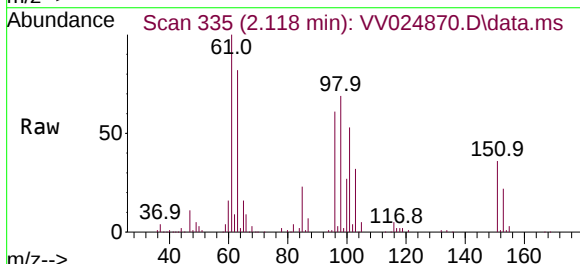
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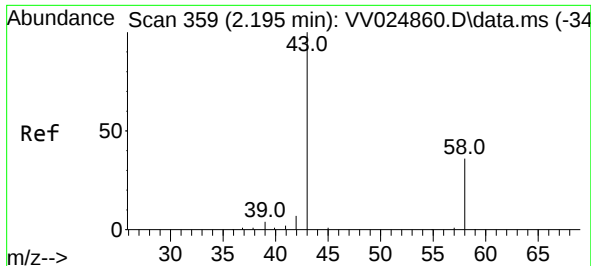
Tgt Ion:101 Resp: 57508
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.7 52.1
 151 68.8 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 4.040 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

Tgt Ion: 96 Resp: 57667
 Ion Ratio Lower Upper
 96 100
 61 163.0 116.3 216.1
 63 133.2 86.0 159.6





#13

Acetone

Concen: 45.245 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

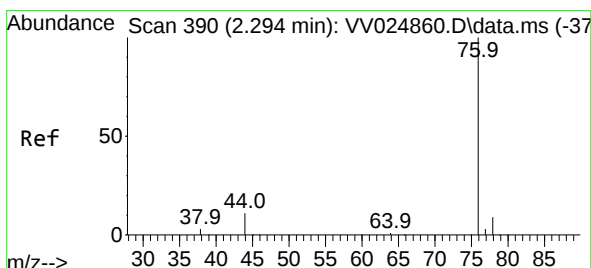
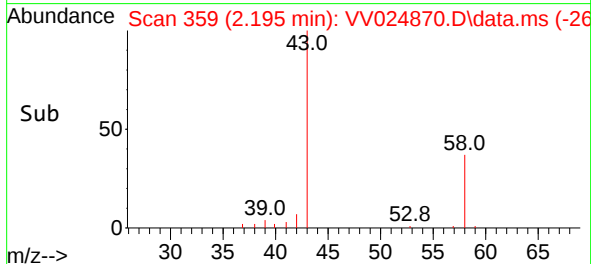
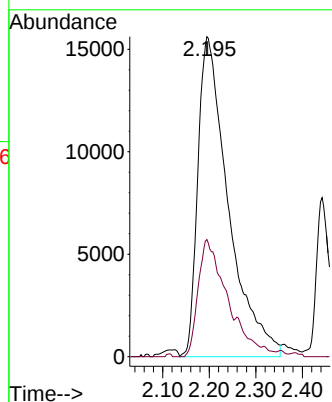
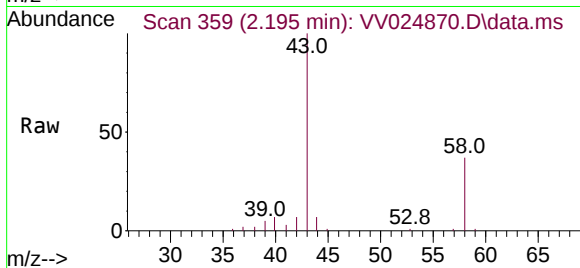
ClientSampleId :

Tgt Ion: 43 Resp: 70852

Ion Ratio Lower Upper

43 100

58 29.6 0.0 63.6



#14

Carbon disulfide

Concen: 4.292 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024870.D

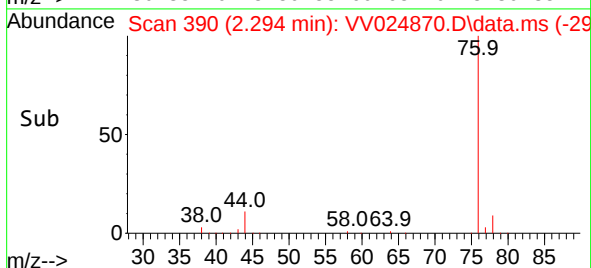
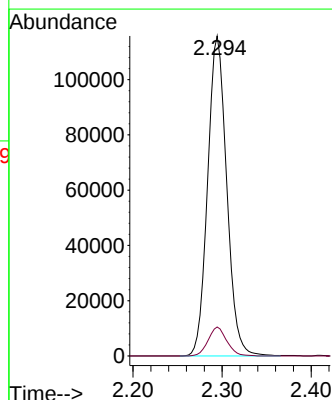
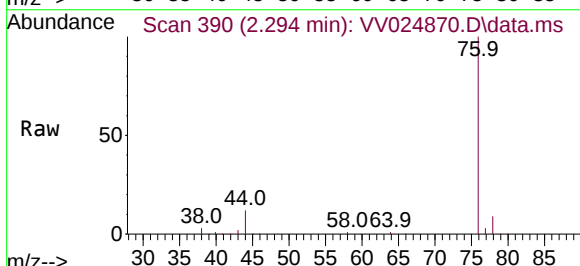
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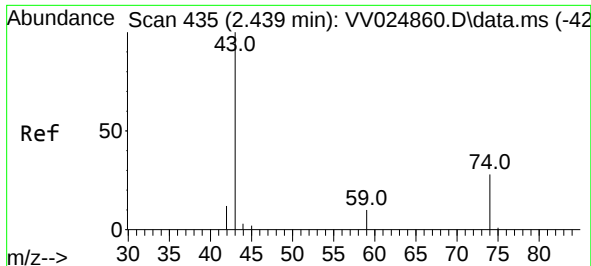
Tgt Ion: 76 Resp: 171922

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 4.105 ug/L

RT: 2.442 min Scan# 435

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

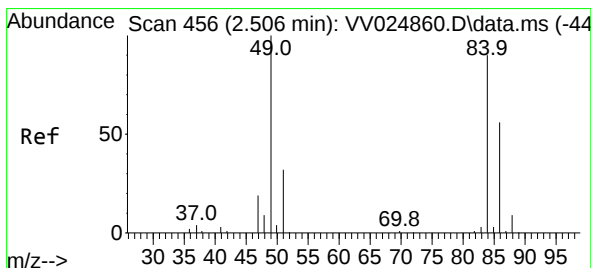
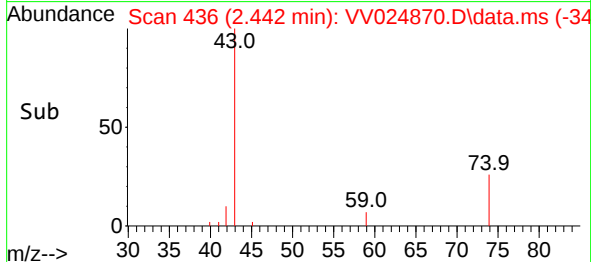
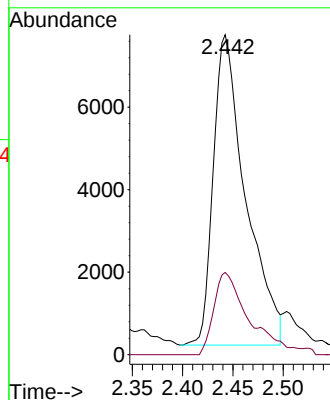
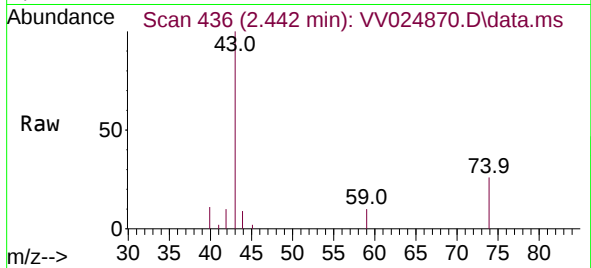
ClientSampleId :

Tgt Ion: 43 Resp: 16831

Ion Ratio Lower Upper

43 100

74 29.4 20.8 31.2



#16

Methylene chloride

Concen: 4.500 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

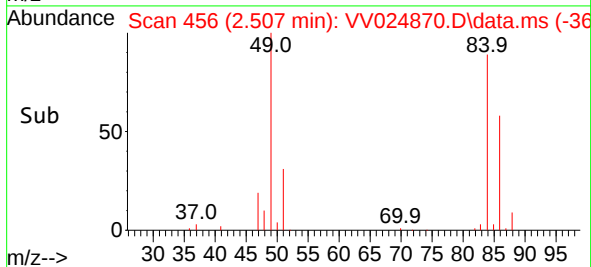
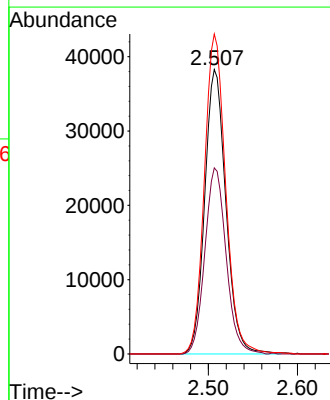
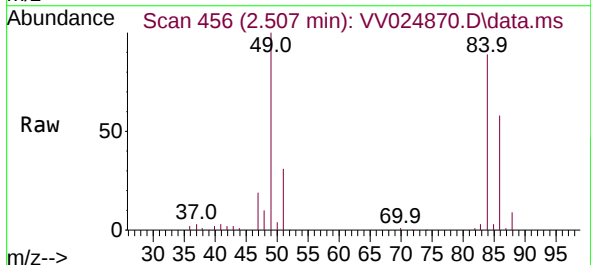
Tgt Ion: 84 Resp: 63249

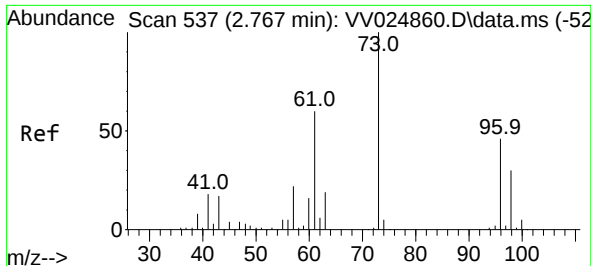
Ion Ratio Lower Upper

84 100

86 65.4 45.1 83.7

49 112.5 83.5 155.1

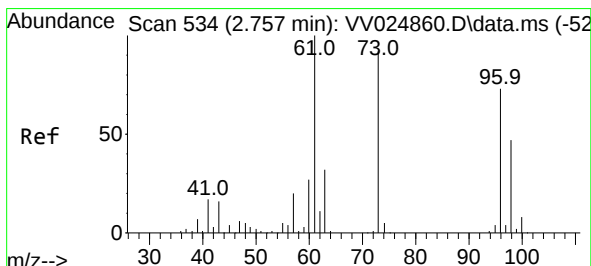
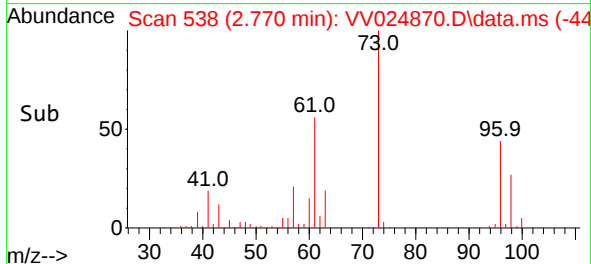
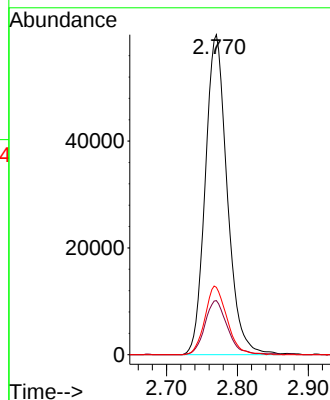
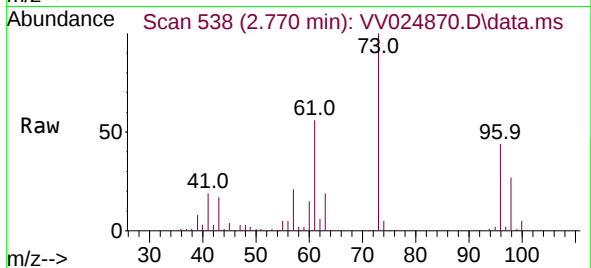




#17
Methyl tert-butyl Ether
Concen: 4.589 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

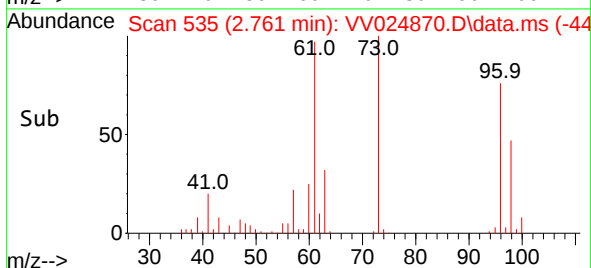
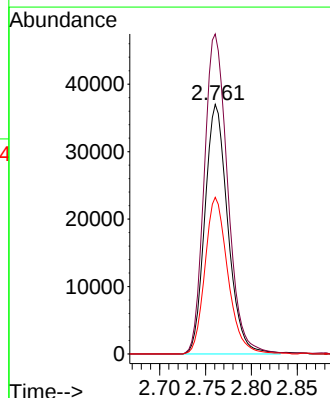
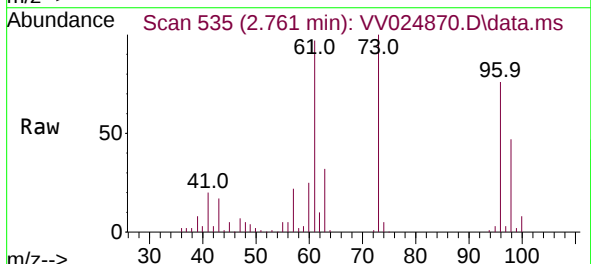
Instrument :
MSVOA_V
ClientSampleId :

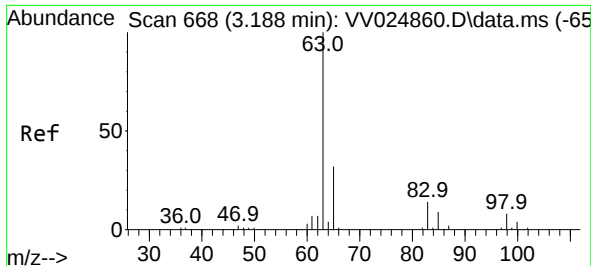
Tgt Ion: 73 Resp: 128768
Ion Ratio Lower Upper
73 100
43 17.2 15.1 22.7
57 21.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.625 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

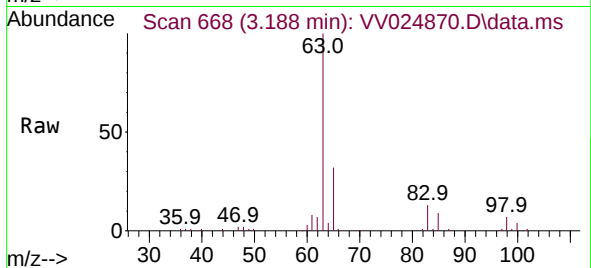
Tgt Ion: 96 Resp: 64469
Ion Ratio Lower Upper
96 100
61 128.2 92.9 172.5
98 62.8 44.5 82.7



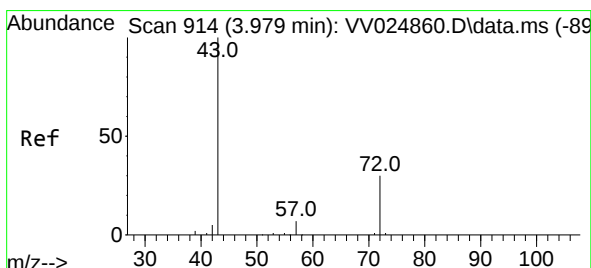
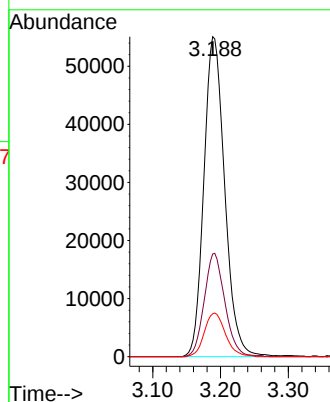
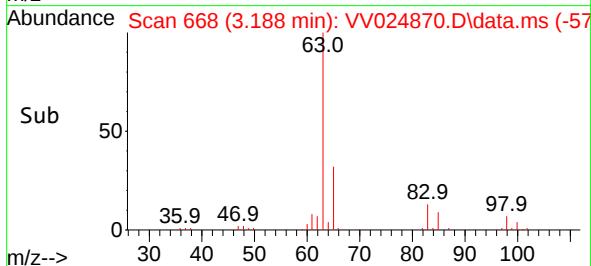


#19
1,1-Dichloroethane
Concen: 4.611 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Instrument :
MSVOA_V
ClientSampleId :

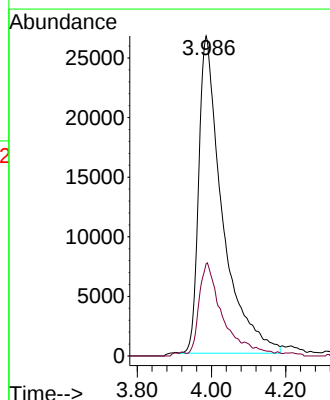
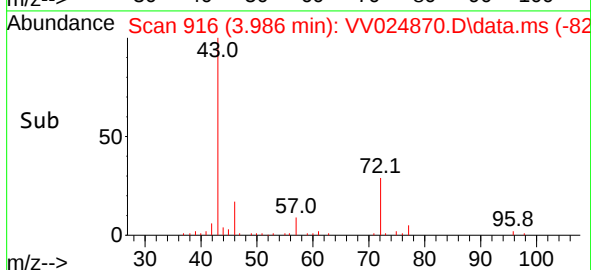
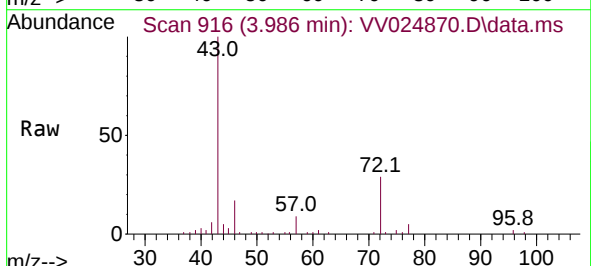


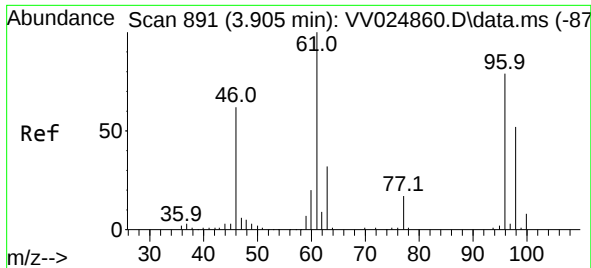
Tgt Ion: 63 Resp: 117698
Ion Ratio Lower Upper
63 100
65 32.1 22.0 40.8
83 13.4 9.5 17.7



#21
2-Butanone
Concen: 48.546 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.007 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Tgt Ion: 43 Resp: 117476
Ion Ratio Lower Upper
43 100
72 25.2 13.2 39.6

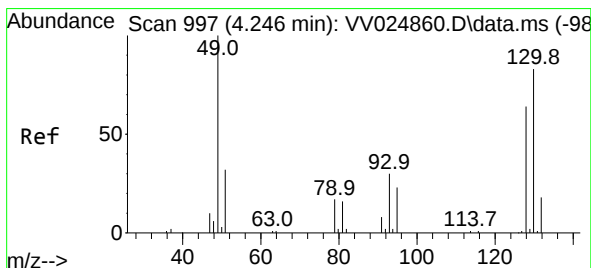
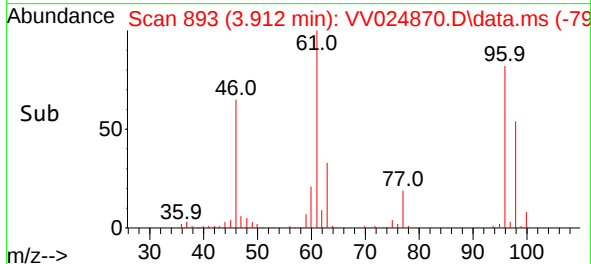
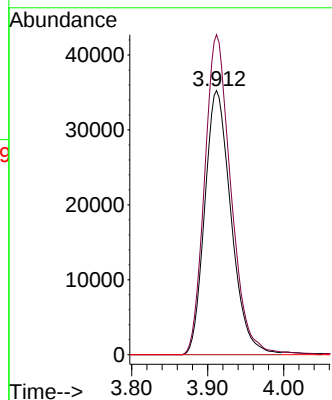
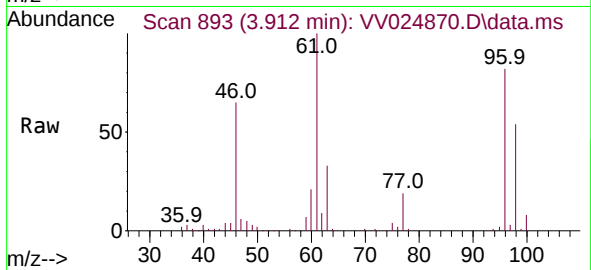




#22
 cis-1,2-Dichloroethene
 Concen: 5.766 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

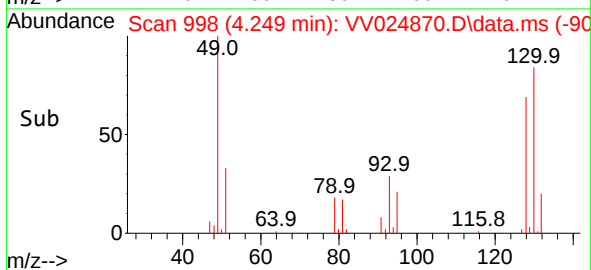
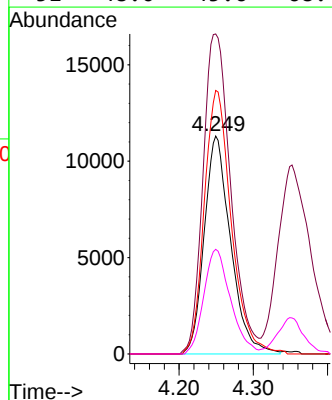
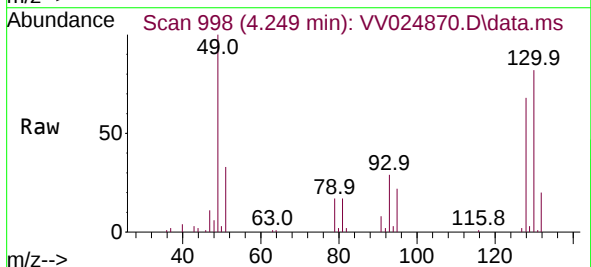
Instrument :
 MSVOA_V
 ClientSampleId :

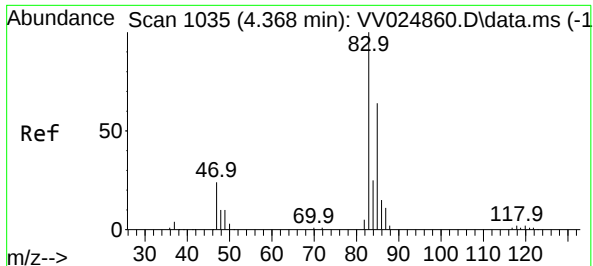
Tgt Ion: 96 Resp: 84973
 Ion Ratio Lower Upper
 96 100
 61 121.2 89.7 166.5
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.898 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

Tgt Ion: 128 Resp: 27899
 Ion Ratio Lower Upper
 128 100
 49 146.9 124.2 230.6
 130 120.9 92.1 171.1
 51 48.0 45.6 68.4





#25

Chloroform

Concen: 4.591 ug/L

RT: 4.375 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

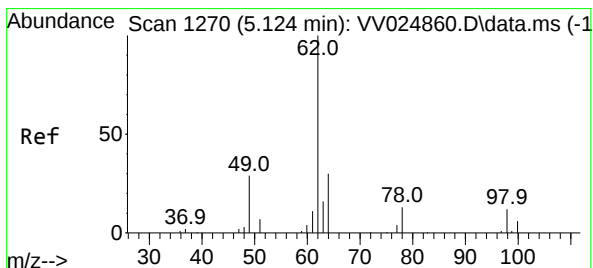
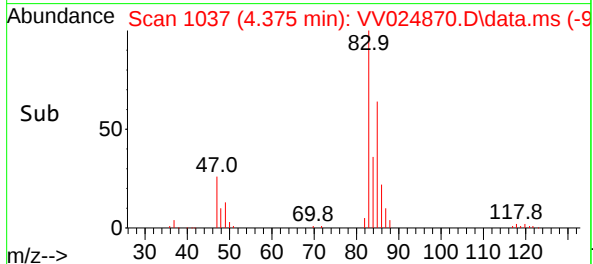
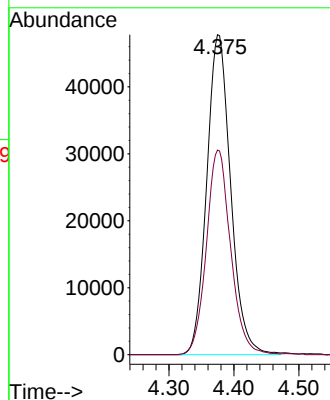
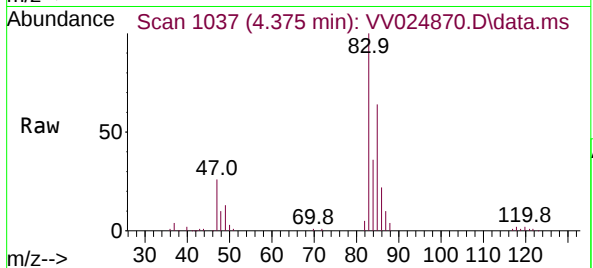
ClientSampleId :

Tgt Ion: 83 Resp: 122423

Ion Ratio Lower Upper

83 100

85 63.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.271 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.007 min

Lab File: VV024870.D

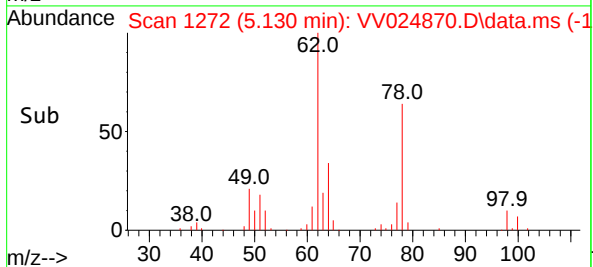
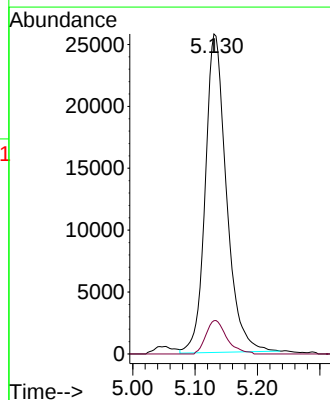
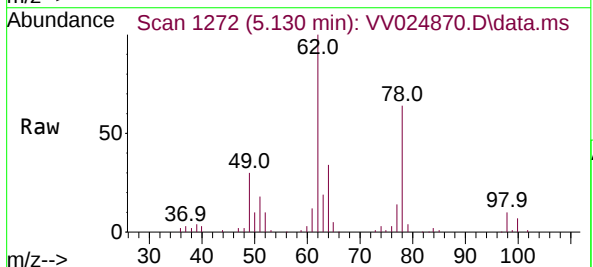
Acq: 08 Mar 2022 14:16

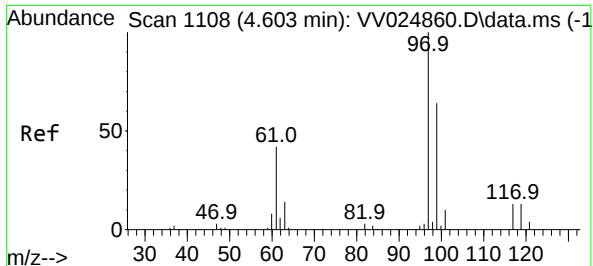
Tgt Ion: 62 Resp: 60783

Ion Ratio Lower Upper

62 100

98 10.4 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 4.613 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.007 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

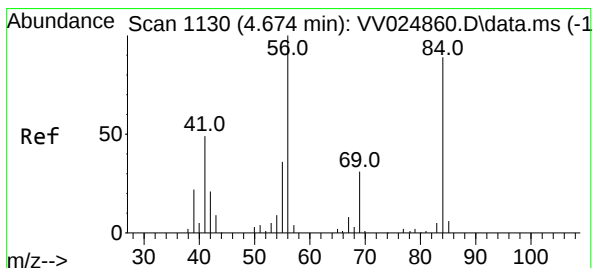
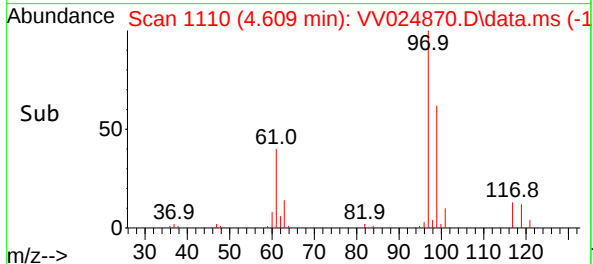
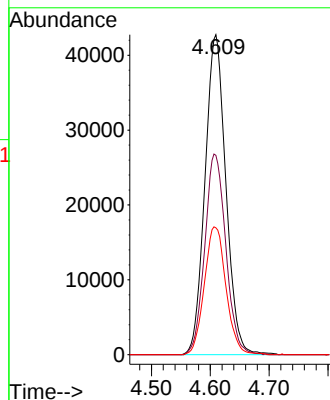
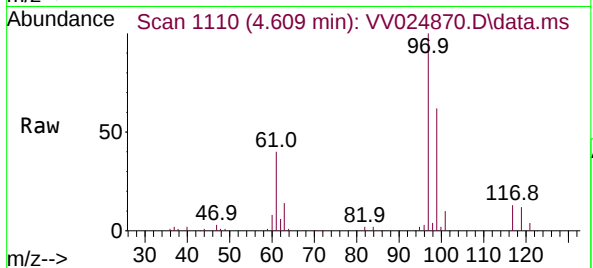
Tgt Ion: 97 Resp: 105603

Ion Ratio Lower Upper

97 100

99 63.2 50.5 75.7

61 41.5 35.8 53.6



#30

Cyclohexane

Concen: 4.188 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

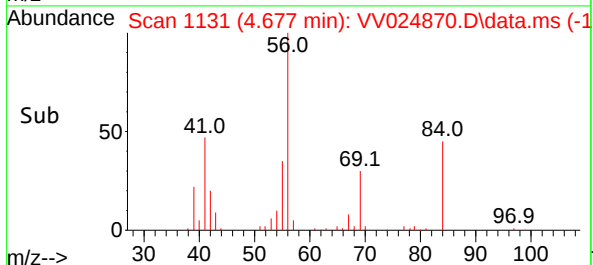
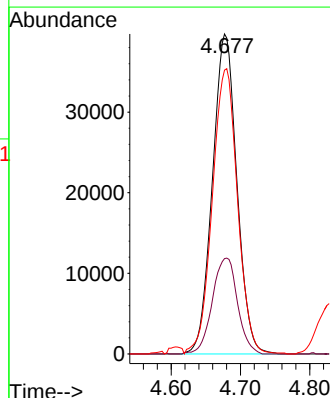
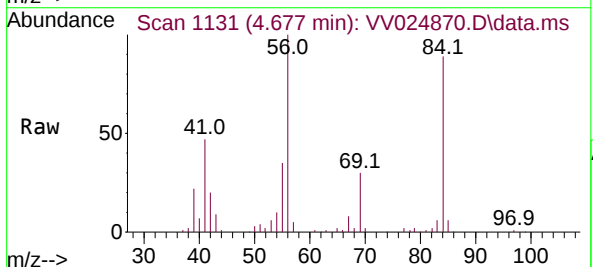
Tgt Ion: 56 Resp: 97230

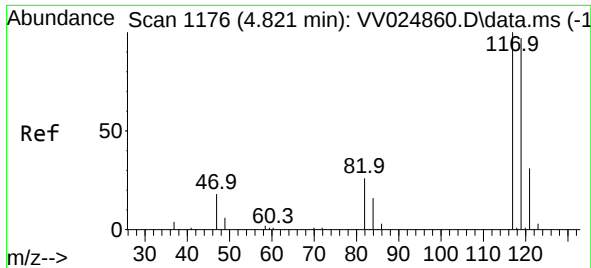
Ion Ratio Lower Upper

56 100

69 30.9 24.6 37.0

84 92.0 71.4 107.0

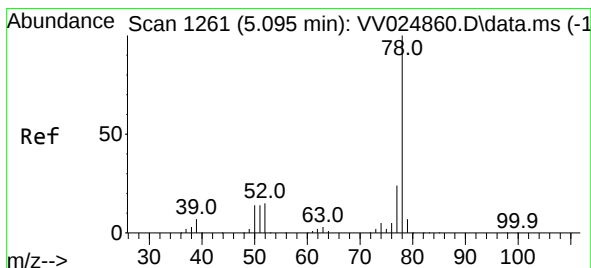
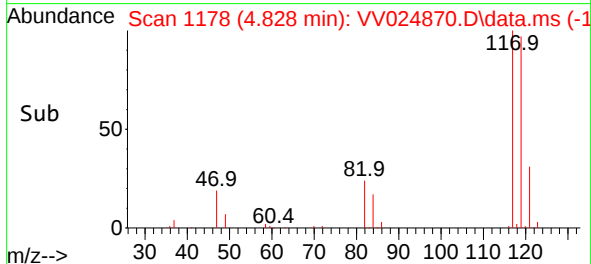
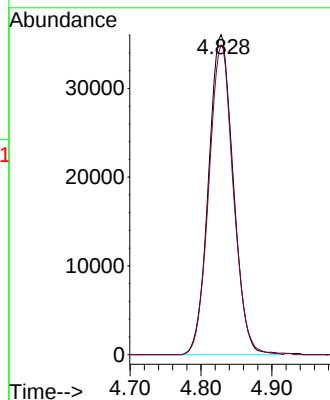
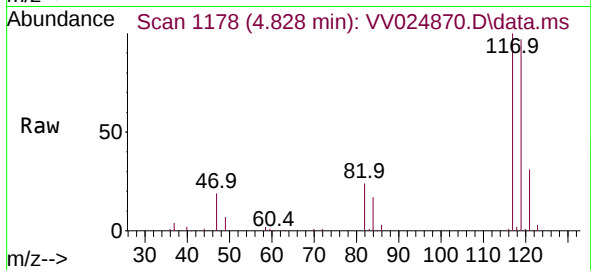




#31
Carbon tetrachloride
Concen: 4.531 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

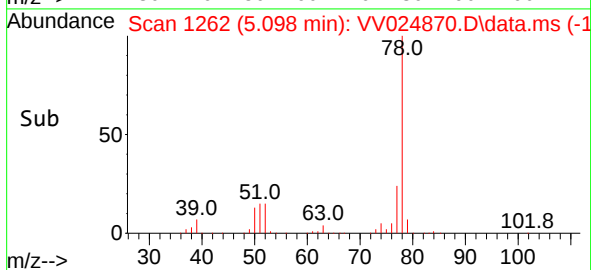
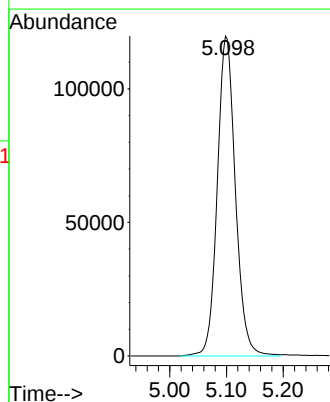
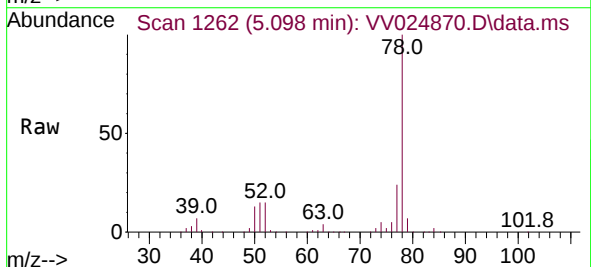
Instrument :
MSVOA_V
ClientSampleId :

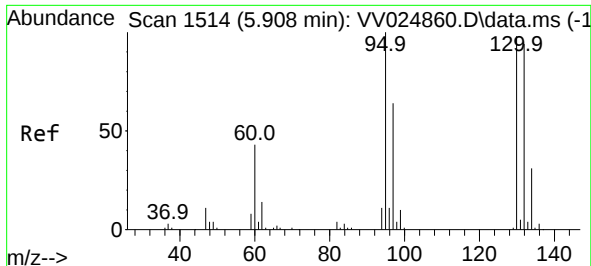
Tgt Ion:117 Resp: 87194
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 4.601 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Tgt Ion: 78 Resp: 265723

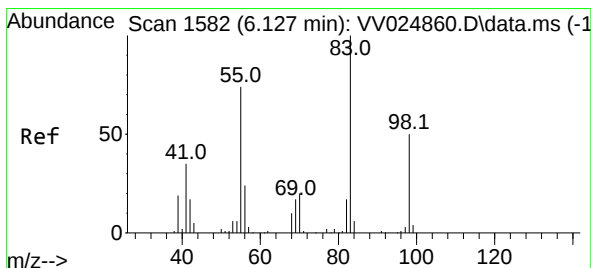
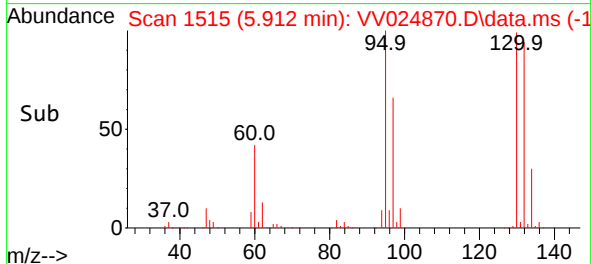
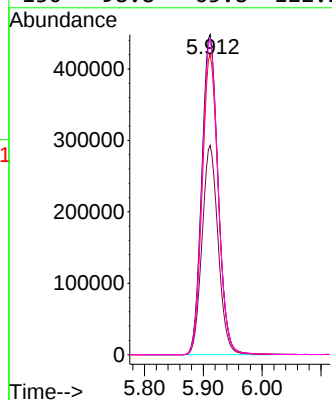
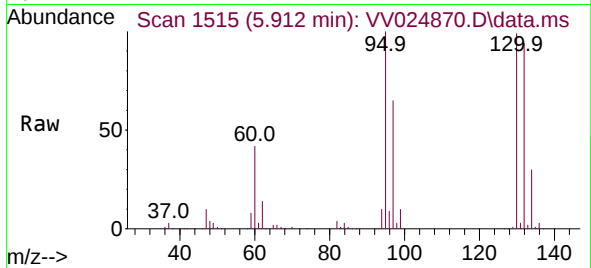




#34
Trichloroethene
Concen: 56.374 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

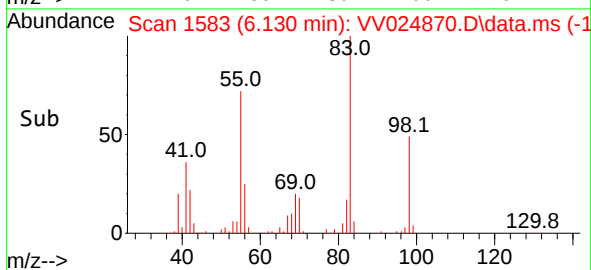
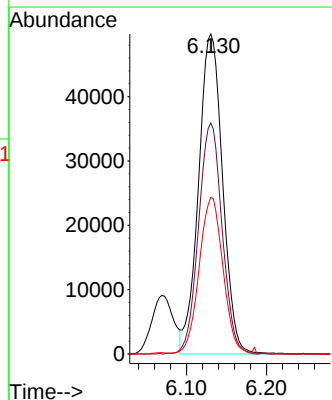
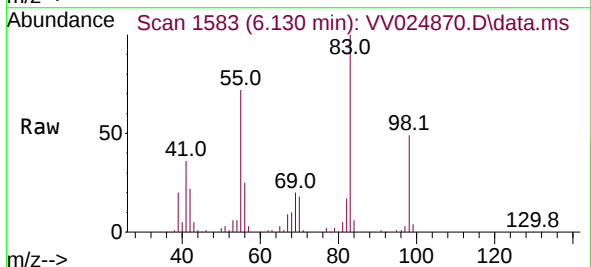
Instrument :
MSVOA_V
ClientSampleId :

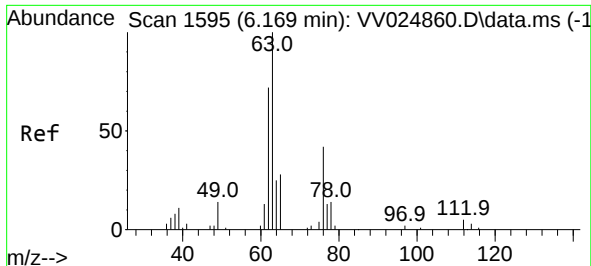
Tgt Ion: 95 Resp: 862384
Ion Ratio Lower Upper
95 100
97 65.4 44.2 82.0
132 93.9 62.1 115.3
130 98.8 65.8 122.2



#35
Methylcyclohexane
Concen: 4.214 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Tgt Ion: 83 Resp: 104148
Ion Ratio Lower Upper
83 100
55 70.7 58.8 88.2
98 47.8 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.710 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

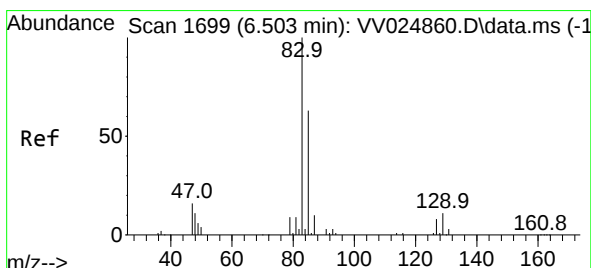
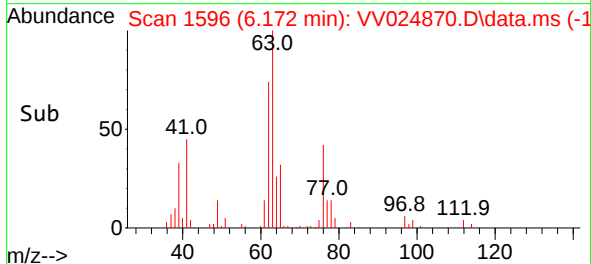
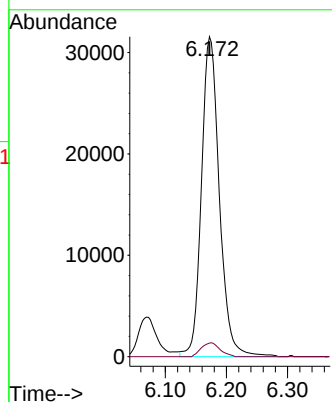
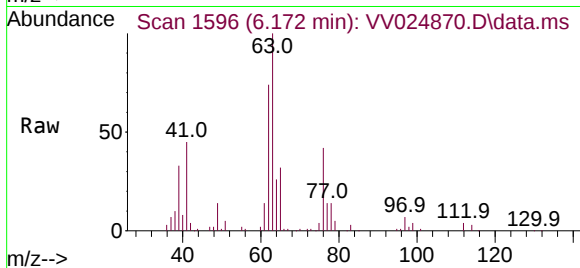
ClientSampleId :

Tgt Ion: 63 Resp: 64264

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 4.743 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.007 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

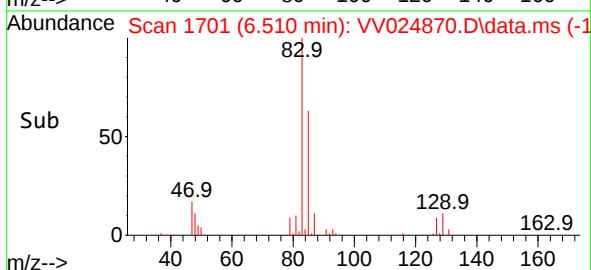
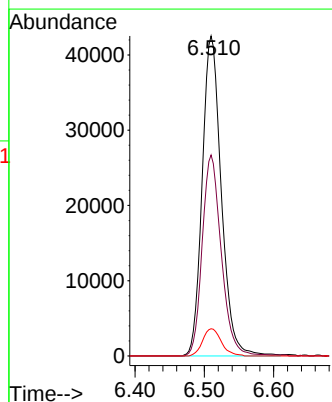
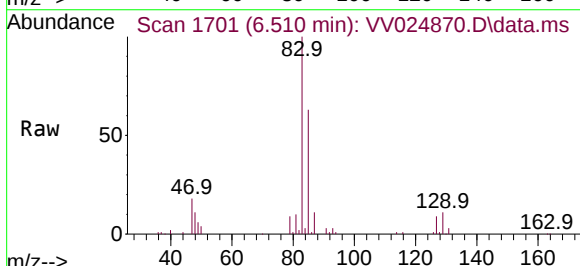
Tgt Ion: 83 Resp: 81453

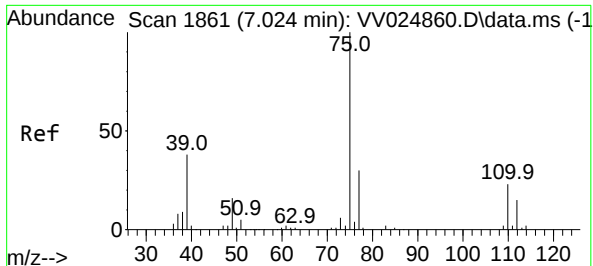
Ion Ratio Lower Upper

83 100

85 62.8 43.5 80.9

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.738 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

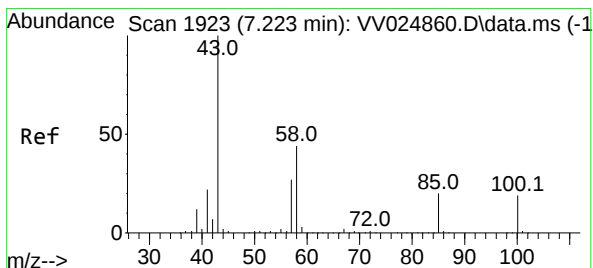
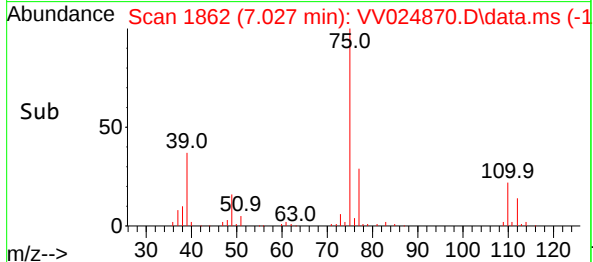
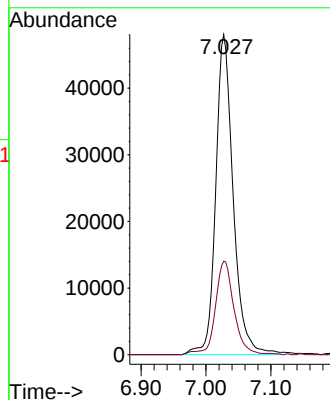
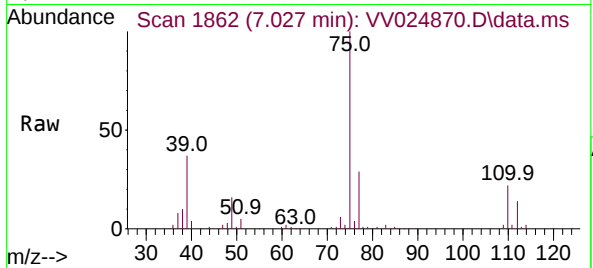
ClientSampleId :

Tgt Ion: 75 Resp: 89659

Ion Ratio Lower Upper

75 100

77 29.2 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 44.171 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

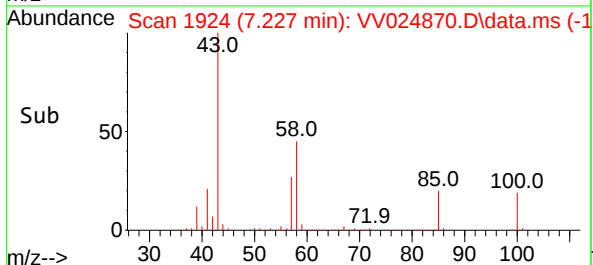
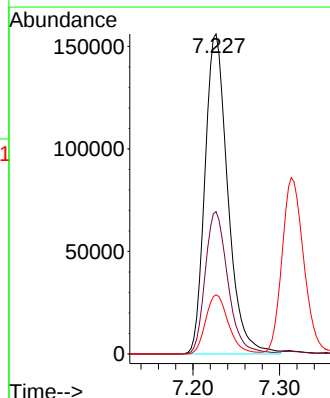
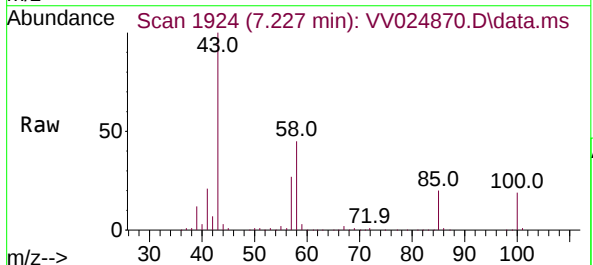
Tgt Ion: 43 Resp: 286674

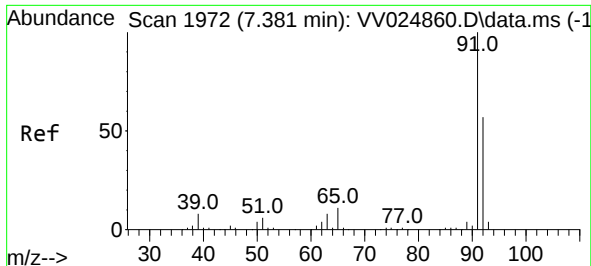
Ion Ratio Lower Upper

43 100

58 44.3 33.0 49.6

100 18.4 13.3 19.9





#42

Toluene

Concen: 4.521 ug/L

RT: 7.387 min Scan# 1972

Delta R.T. 0.007 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

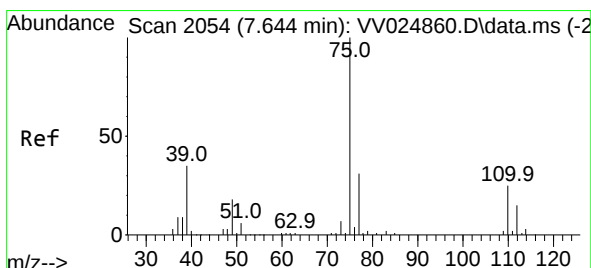
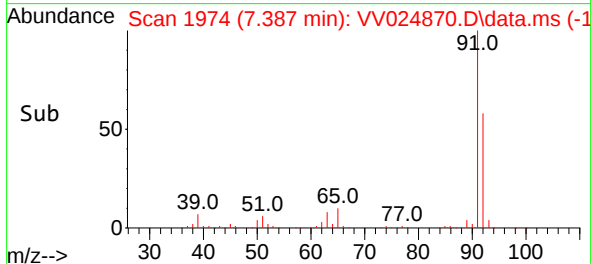
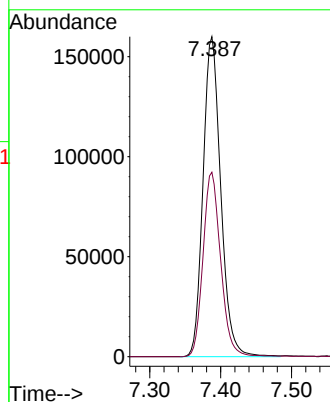
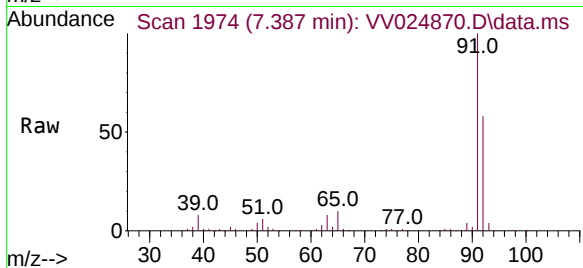
ClientSampleId :

Tgt Ion: 91 Resp: 277961

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.671 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.007 min

Lab File: VV024870.D

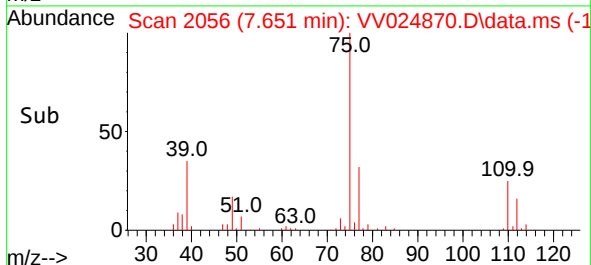
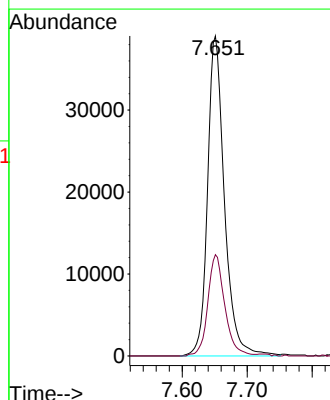
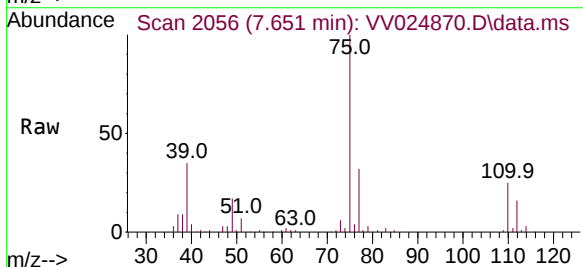
Acq: 08 Mar 2022 14:16

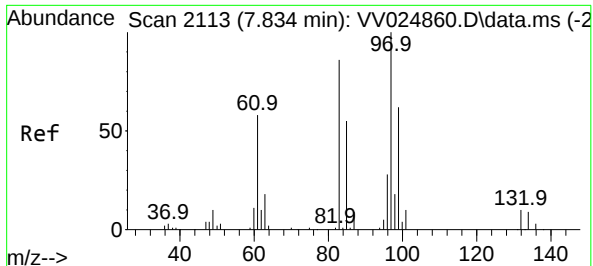
Tgt Ion: 75 Resp: 70630

Ion Ratio Lower Upper

75 100

77 31.7 23.5 43.7





#45

1,1,2-Trichloroethane

Concen: 4.727 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 41960

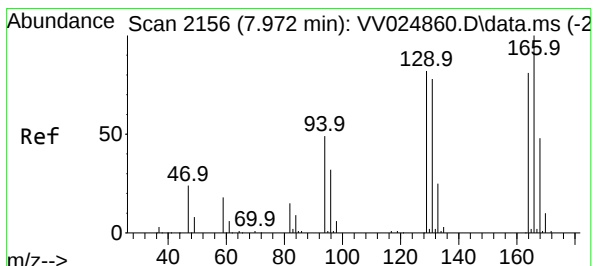
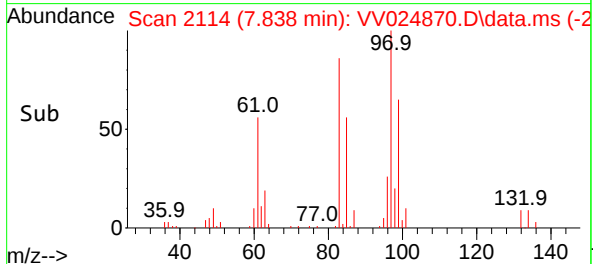
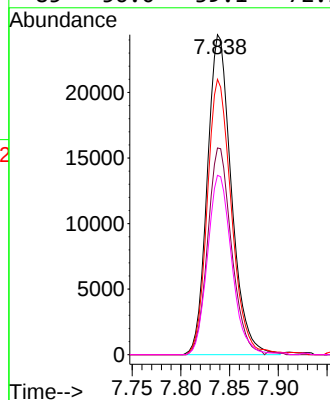
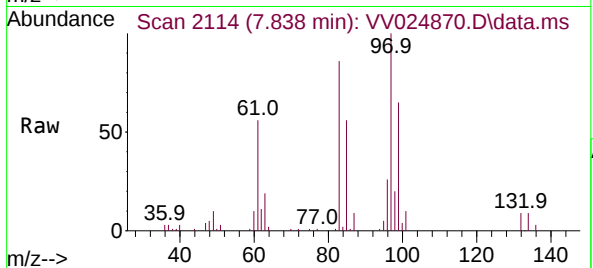
Ion Ratio Lower Upper

97 100

99 64.6 43.8 81.3

83 86.0 61.3 113.9

85 56.0 39.1 72.5



#47

Tetrachloroethene

Concen: 4.457 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Tgt Ion:164 Resp: 46431

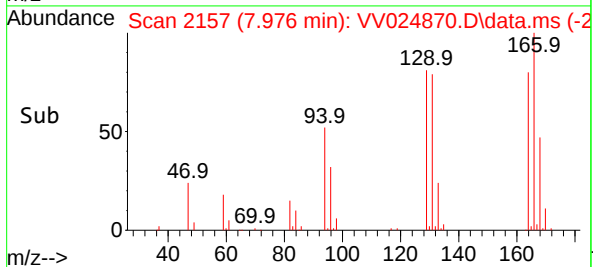
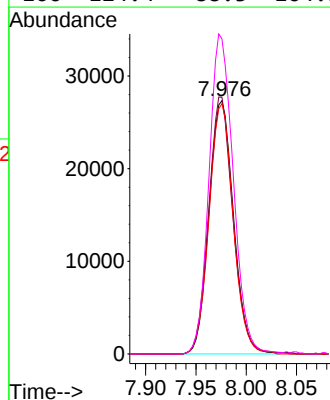
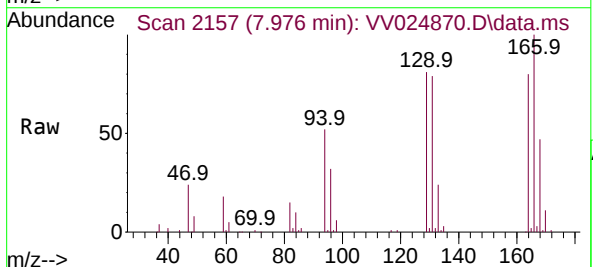
Ion Ratio Lower Upper

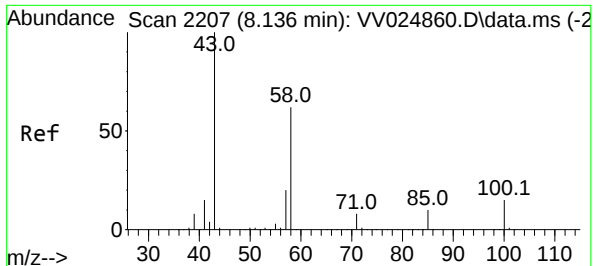
164 100

129 101.4 70.3 130.7

131 98.8 67.7 125.7

166 124.4 88.3 164.1

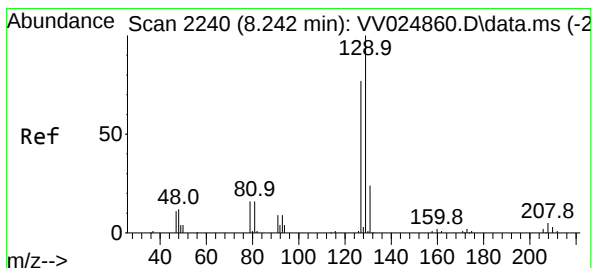
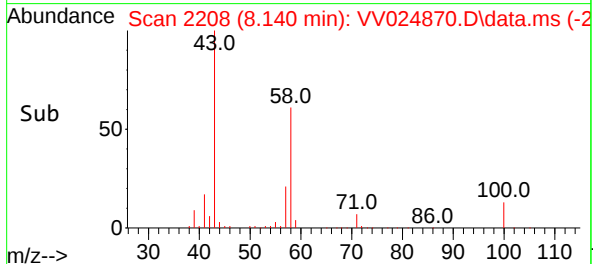
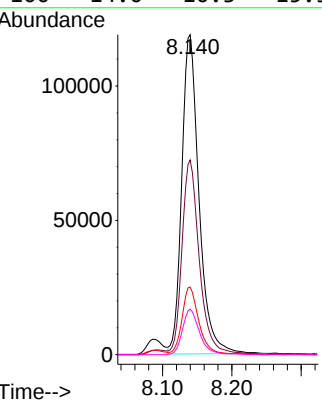
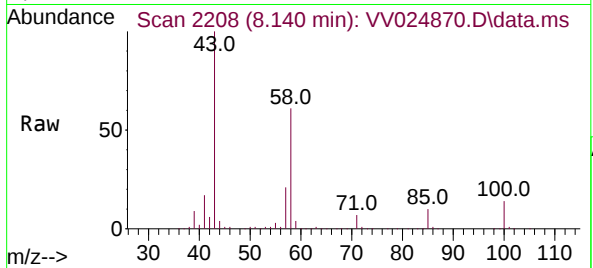




#48
2-Hexanone
Concen: 45.103 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

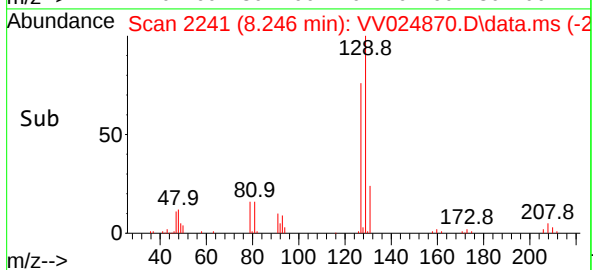
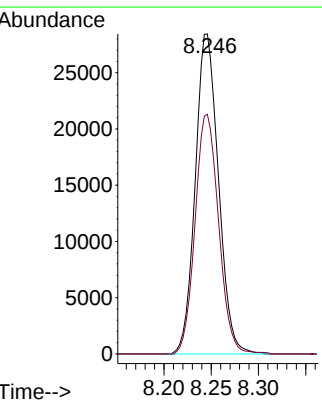
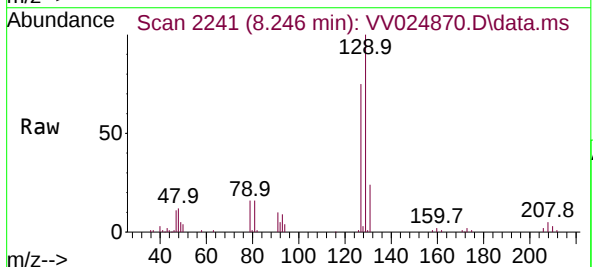
Instrument :
MSVOA_V
ClientSampleId :

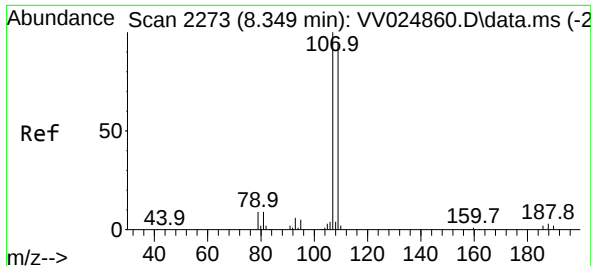
Tgt Ion: 43 Resp: 205815
Ion Ratio Lower Upper
43 100
58 61.1 46.0 69.0
57 20.1 15.7 23.5
100 14.0 10.3 15.5



#49
Dibromochloromethane
Concen: 4.931 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Tgt Ion: 129 Resp: 48571
Ion Ratio Lower Upper
129 100
127 74.9 53.6 99.6





#50

1,2-Dibromoethane

Concen: 4.800 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

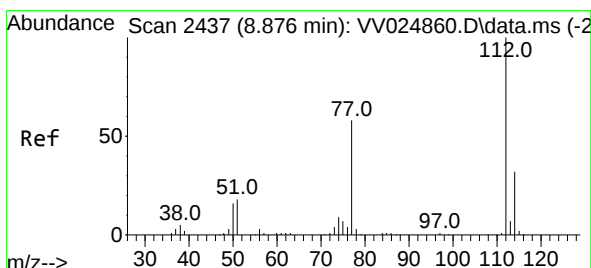
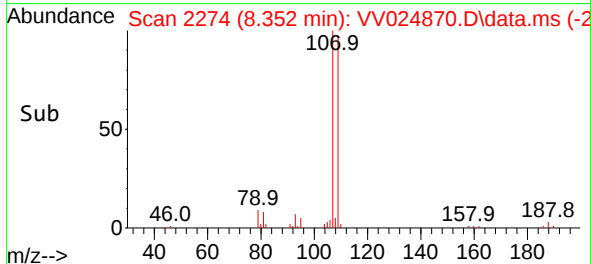
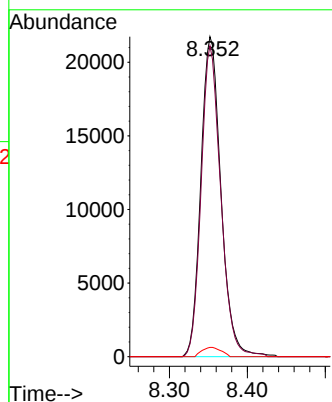
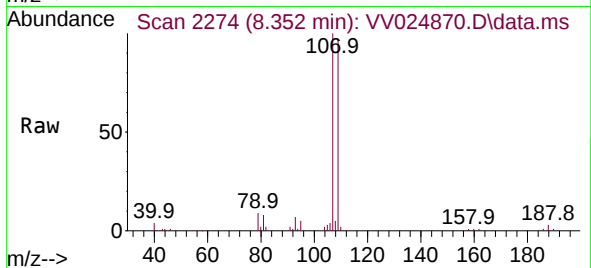
Tgt Ion:107 Resp: 38879

Ion Ratio Lower Upper

107 100

109 97.2 65.6 121.8

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 4.591 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

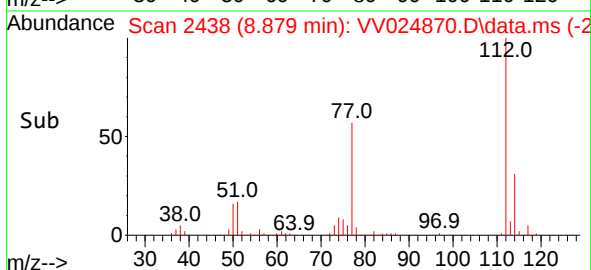
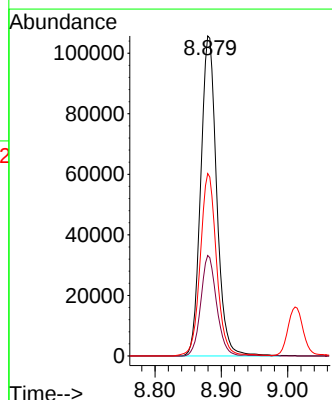
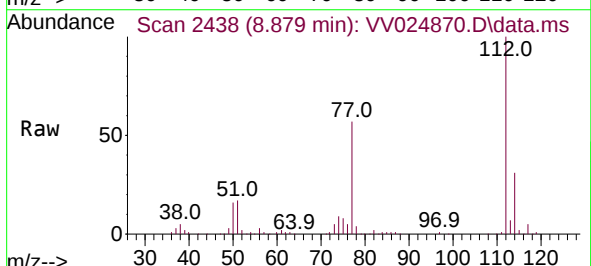
Tgt Ion:112 Resp: 176586

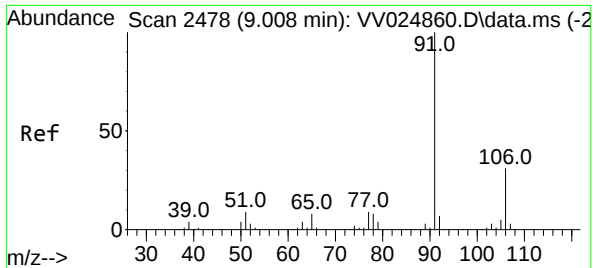
Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

77 57.0 48.4 72.6





#52

Ethylbenzene

Concen: 4.453 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

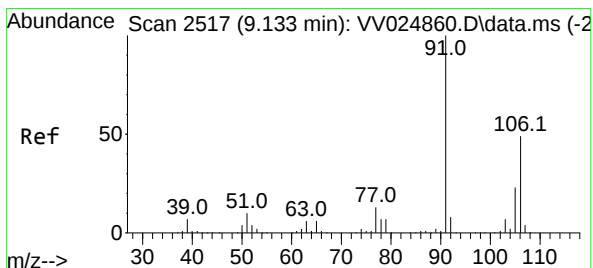
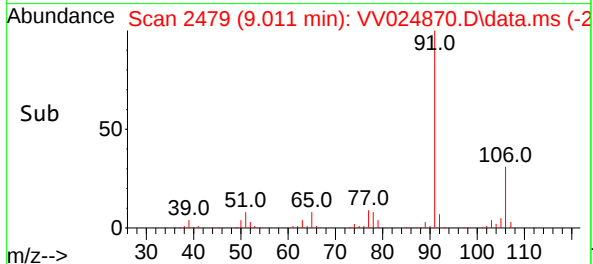
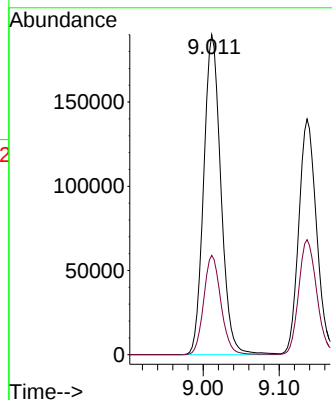
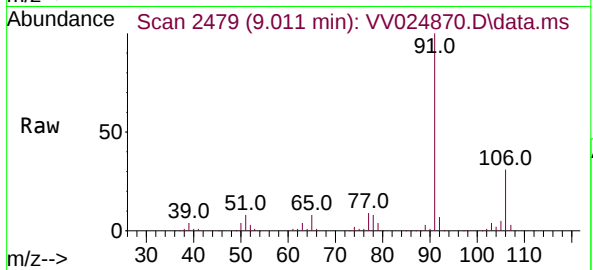
ClientSampleId :

Tgt Ion: 91 Resp: 298822

Ion Ratio Lower Upper

91 100

106 31.0 21.3 39.5



#53

m,p-xylene

Concen: 4.505 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024870.D

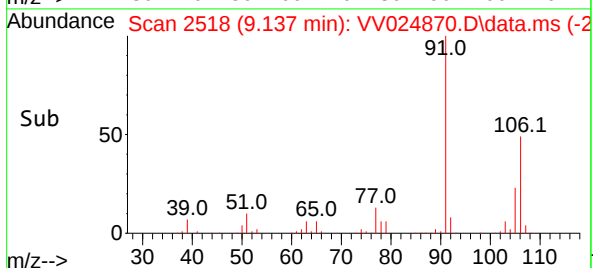
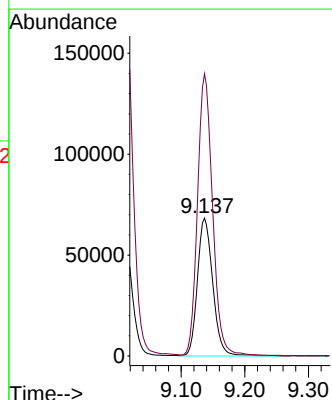
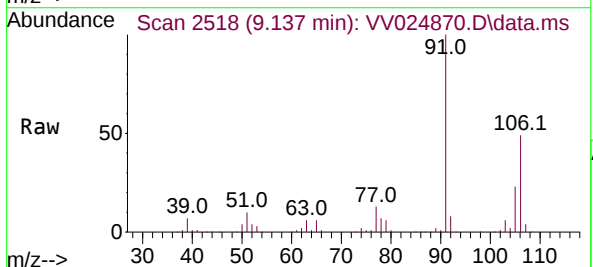
Acq: 08 Mar 2022 14:16

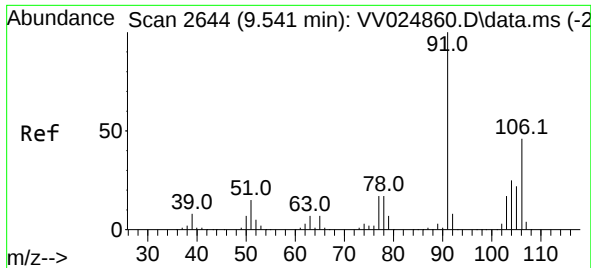
Tgt Ion:106 Resp: 114266

Ion Ratio Lower Upper

106 100

91 204.8 143.6 266.6

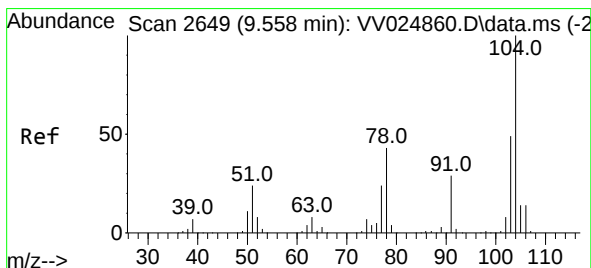
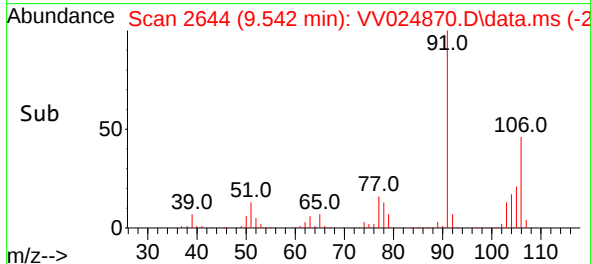
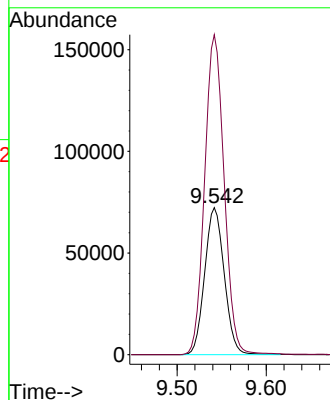
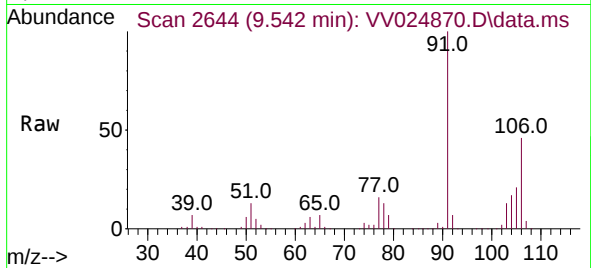




#54
o-xylene
Concen: 4.458 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

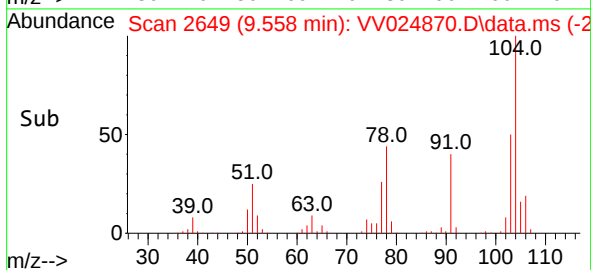
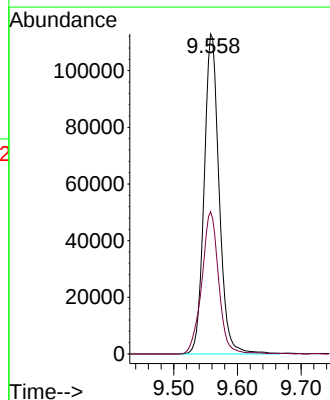
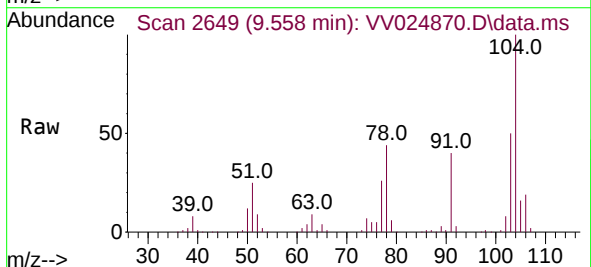
Instrument :
MSVOA_V
ClientSampleId :

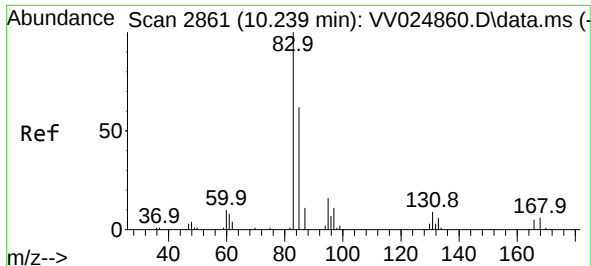
Tgt Ion:106 Resp: 110503
Ion Ratio Lower Upper
106 100
91 217.7 152.2 282.7



#55
Styrene
Concen: 4.582 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Tgt Ion:104 Resp: 184755
Ion Ratio Lower Upper
104 100
78 44.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.577 ug/L

RT: 10.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

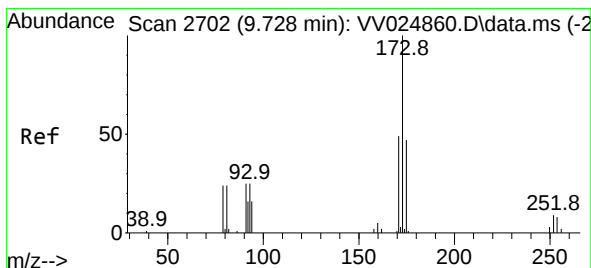
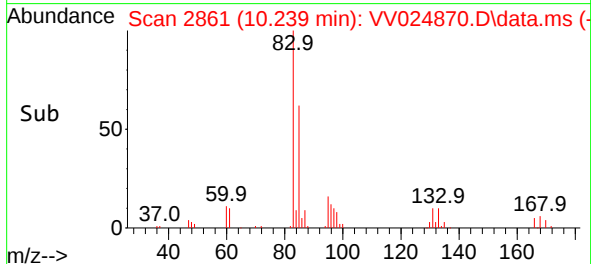
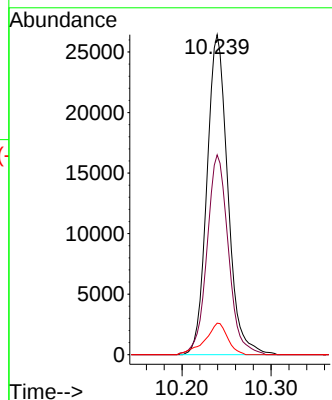
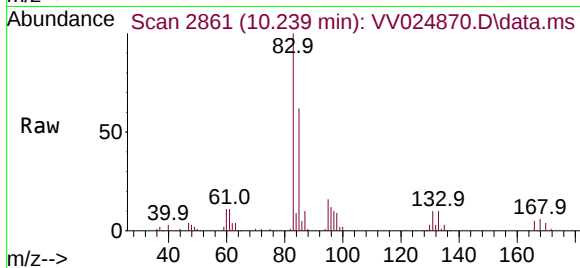
Tgt Ion: 83 Resp: 42968

Ion Ratio Lower Upper

83 100

85 62.5 43.9 81.5

131 9.8 7.0 10.4



#59

Bromoform

Concen: 5.206 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

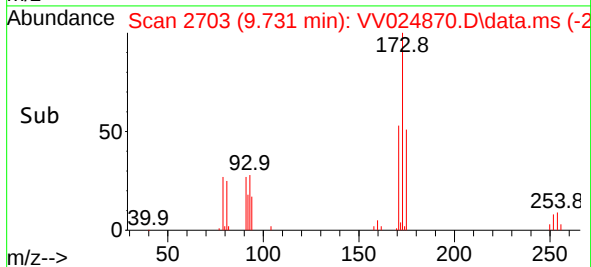
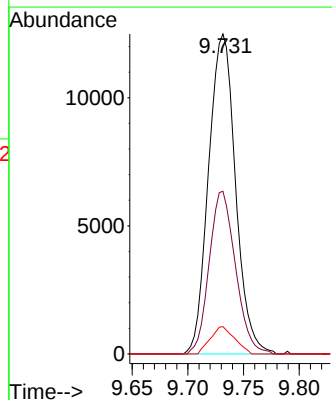
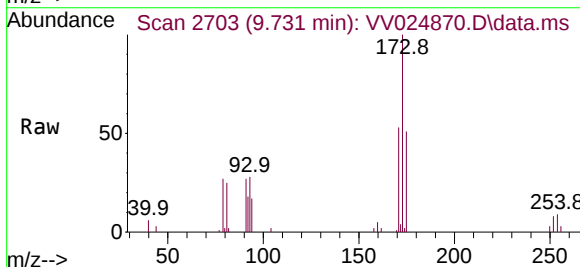
Tgt Ion: 173 Resp: 21011

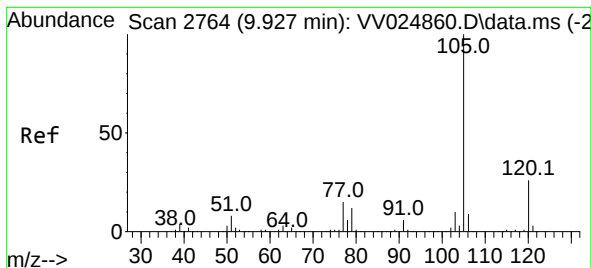
Ion Ratio Lower Upper

173 100

175 49.6 39.4 59.0

254 7.7 7.0 10.4





#60

Isopropylbenzene

Concen: 4.532 ug/L

RT: 9.931 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :

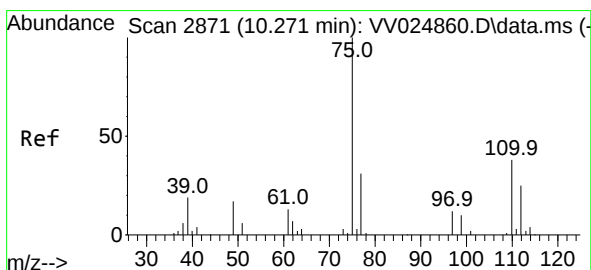
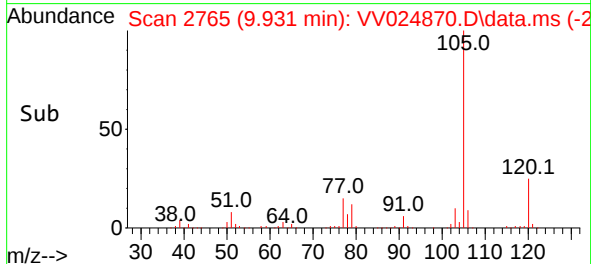
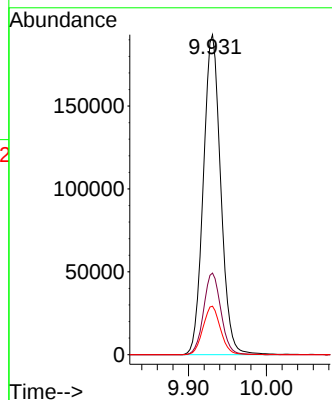
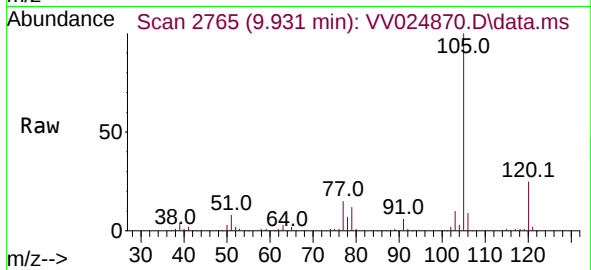
Tgt Ion:105 Resp: 298870

Ion Ratio Lower Upper

105 100

120 25.5 20.7 31.1

77 15.3 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.766 ug/L

RT: 10.272 min Scan# 2871

Delta R.T. 0.000 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

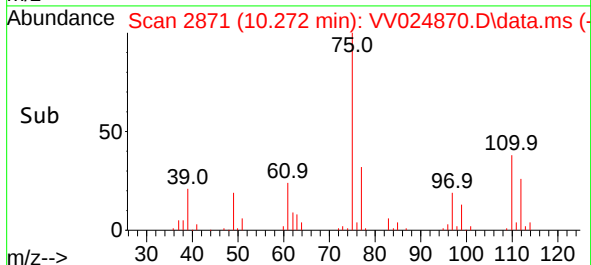
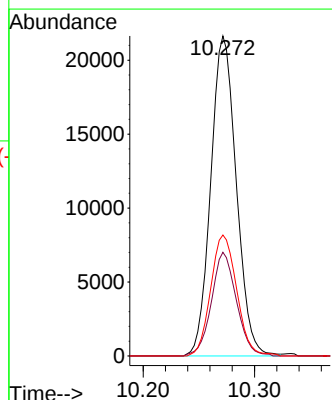
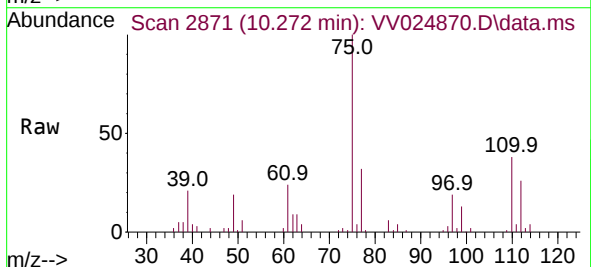
Tgt Ion: 75 Resp: 34441

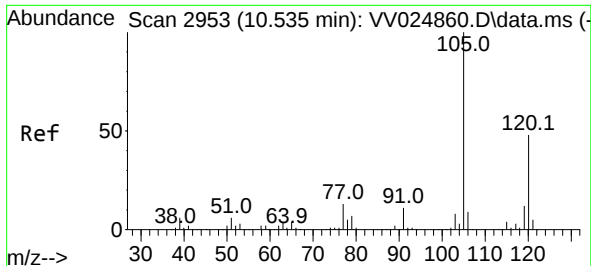
Ion Ratio Lower Upper

75 100

77 31.7 26.3 39.5

110 38.5 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 4.436 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

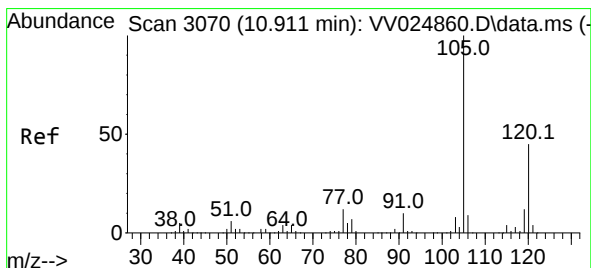
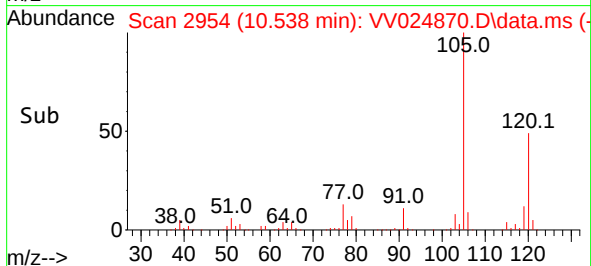
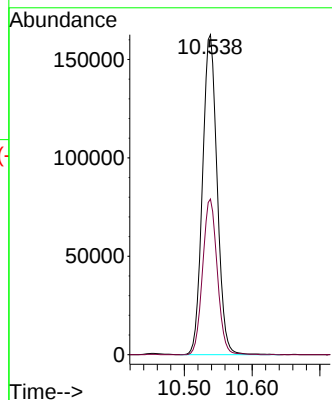
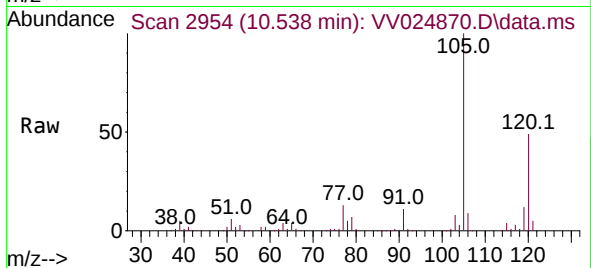
ClientSampleId :

Tgt Ion:105 Resp: 243898

Ion Ratio Lower Upper

105 100

120 48.5 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.467 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024870.D

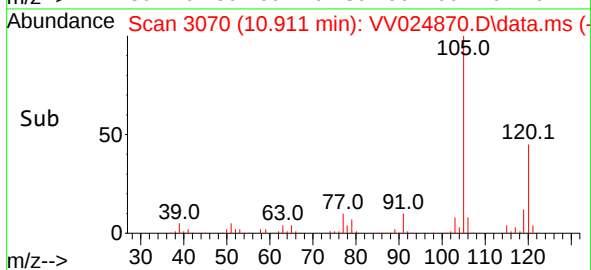
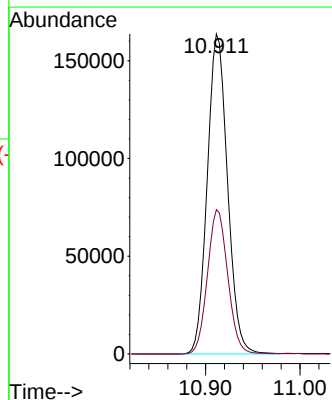
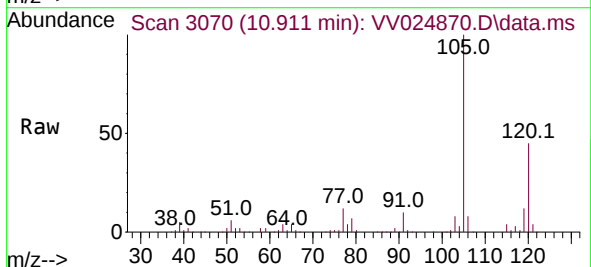
Acq: 08 Mar 2022 14:16

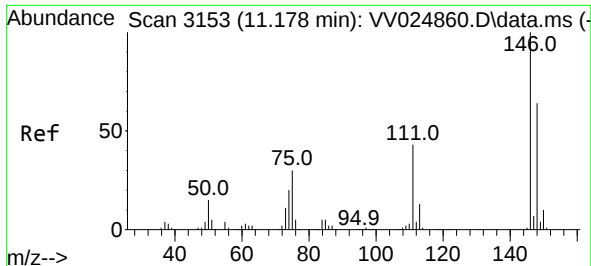
Tgt Ion:105 Resp: 243769

Ion Ratio Lower Upper

105 100

120 45.3 35.9 53.9

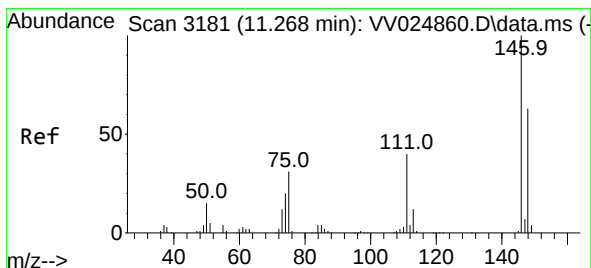
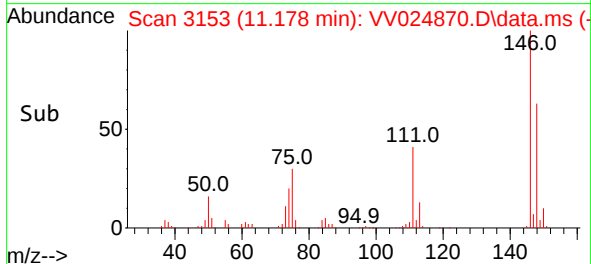
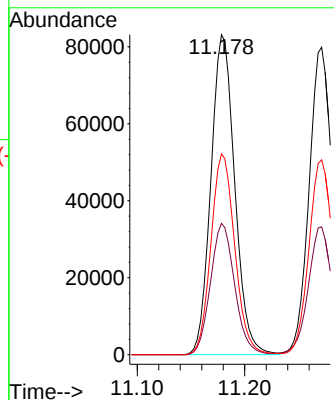
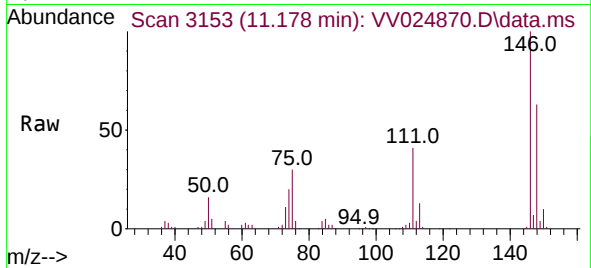




#64
1,3-Dichlorobenzene
Concen: 4.609 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

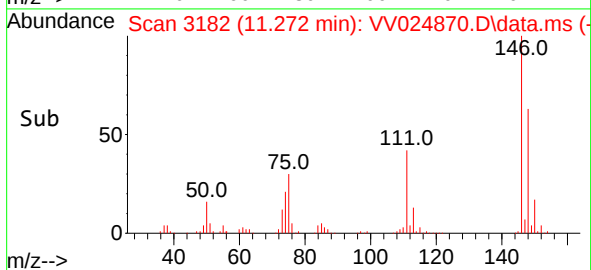
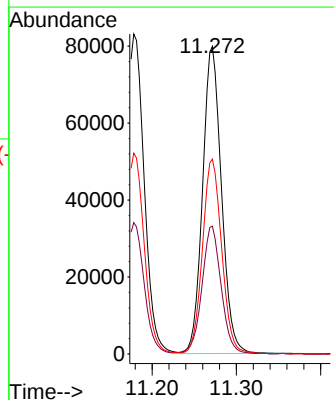
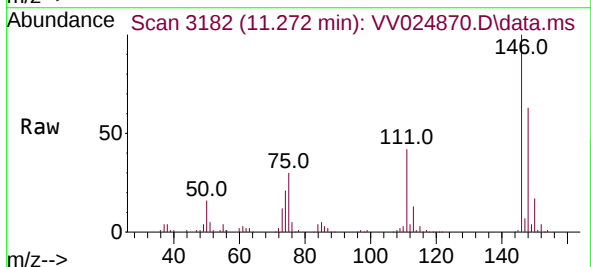
Instrument :
MSVOA_V
ClientSampleId :

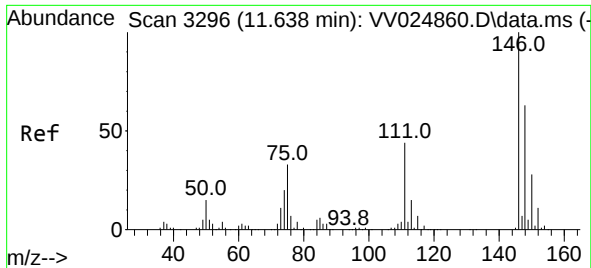
Tgt Ion:146 Resp: 128199
Ion Ratio Lower Upper
146 100
111 41.1 31.0 57.6
148 62.8 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 4.487 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Tgt Ion:146 Resp: 124649
Ion Ratio Lower Upper
146 100
111 41.6 28.3 52.7
148 63.3 44.0 81.8

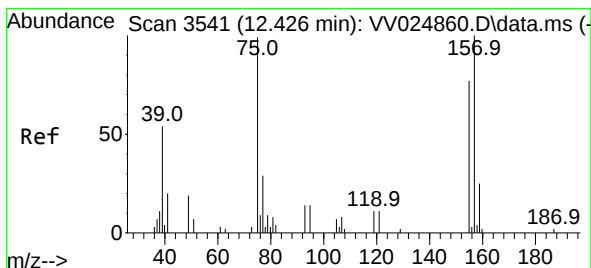
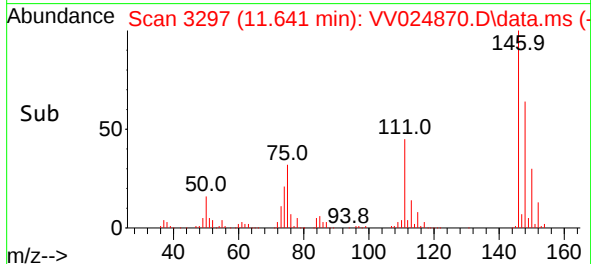
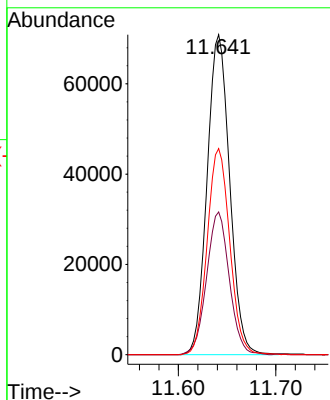
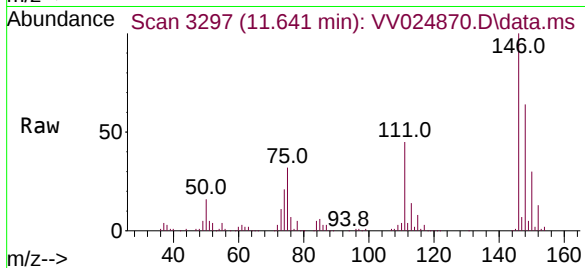




#67
 1,2-Dichlorobenzene
 Concen: 4.657 ug/L
 RT: 11.641 min Scan# 3296
 Delta R.T. 0.003 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

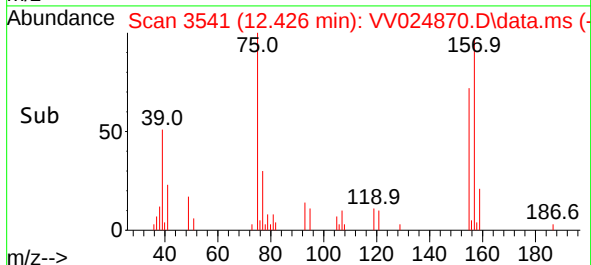
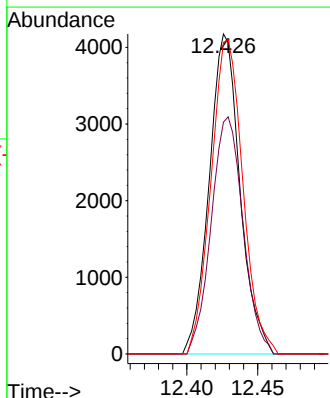
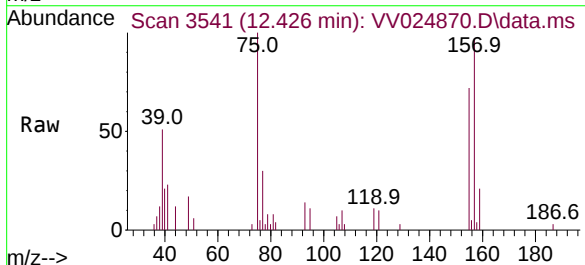
Instrument :
 MSVOA_V
 ClientSampleId :

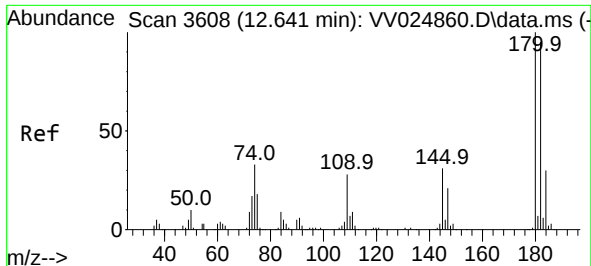
Tgt Ion:146 Resp: 114249
 Ion Ratio Lower Upper
 146 100
 111 44.6 36.0 54.0
 148 64.4 50.4 75.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.112 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV024870.D
 Acq: 08 Mar 2022 14:16

Tgt Ion: 75 Resp: 6315
 Ion Ratio Lower Upper
 75 100
 155 72.4 61.7 92.5
 157 97.4 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.464 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

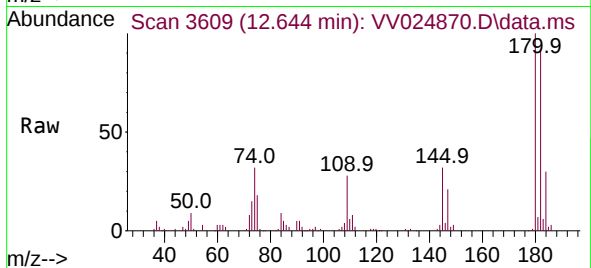
Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 88035

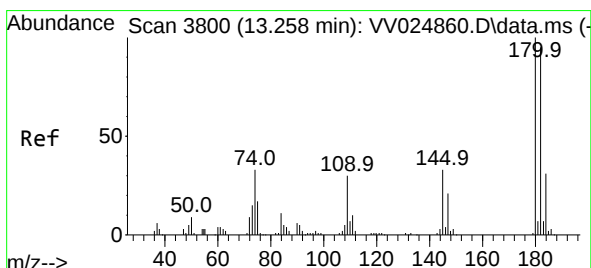
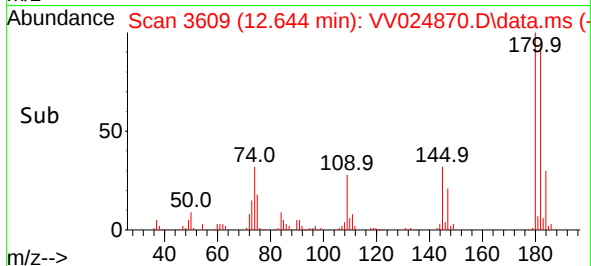
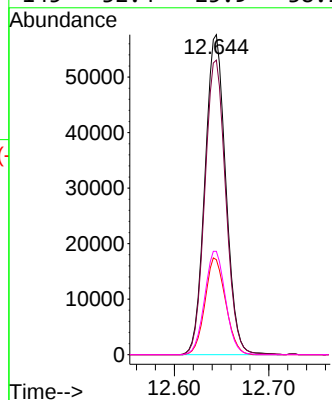
Ion Ratio Lower Upper

180 100

182 92.7 74.6 111.8

184 30.0 23.8 35.8

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 4.540 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024870.D

Acq: 08 Mar 2022 14:16

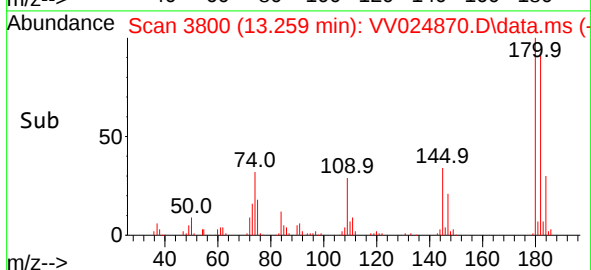
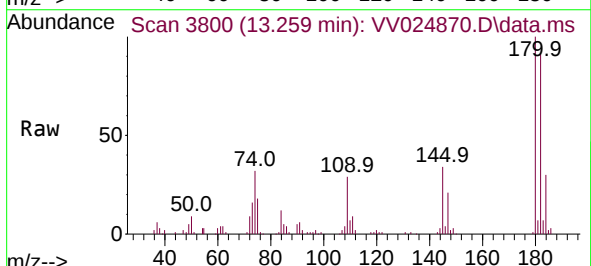
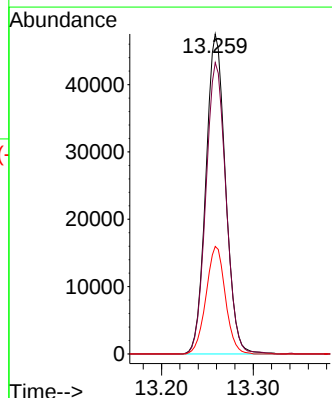
Tgt Ion:180 Resp: 70540

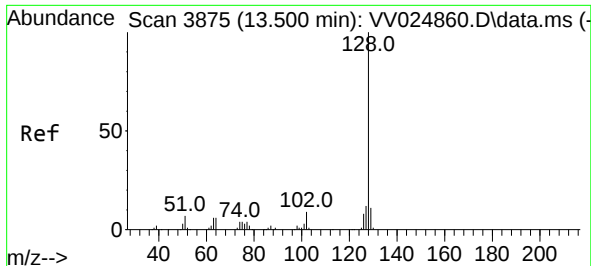
Ion Ratio Lower Upper

180 100

182 93.2 75.0 112.6

145 33.0 26.9 40.3

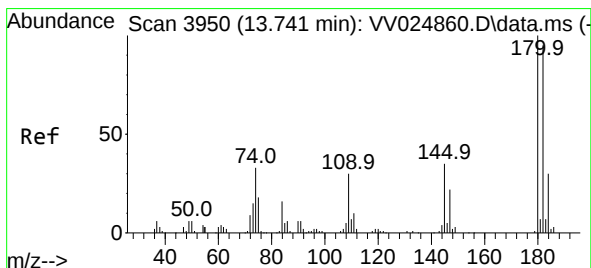
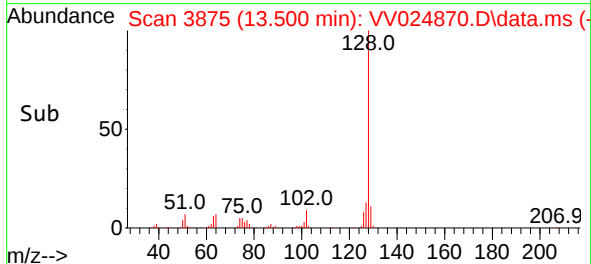
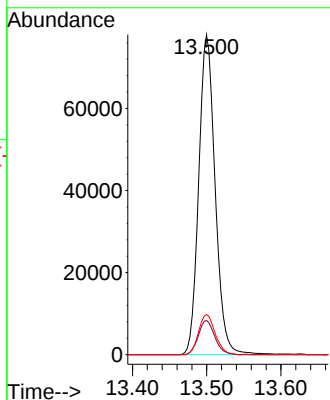
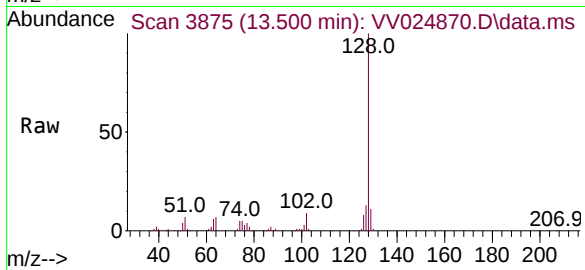




#71
Naphthalene
Concen: 4.528 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 119644
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.669 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024870.D
Acq: 08 Mar 2022 14:16

Tgt Ion:180 Resp: 60726
Ion Ratio Lower Upper
180 100
182 94.2 75.6 113.4
145 34.8 28.5 42.7

