

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024513.D
 Acq On : 02 Feb 2022 10:27
 Operator : SY/MD
 Sample : VSTD01002
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 05:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:20:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	387838	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	352796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	157602	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26957	9.797	ug/L	0.00
7) Chloroethane-d5	1.571	69	23380	10.940	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	55232	10.580	ug/L	0.00
21) 2-Butanone-d5	3.905	46	33198	20.685	ug/L	0.02
24) Chloroform-d	4.352	84	49501	9.841	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	31680	9.498	ug/L	0.00
32) Benzene-d6	5.050	84	99565	10.724	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	32227	12.019	ug/L	0.00
41) Toluene-d8	7.317	98	92293	10.457	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	16260	10.791	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	24224	20.748	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36094	9.815	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	29552	9.538	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	29947	9.856	ug/L	100
3) Chloromethane	1.243	50	29914	11.230	ug/L	98
5) Vinyl chloride	1.314	62	31360	11.166	ug/L	98
6) Bromomethane	1.526	94	18969	11.708	ug/L	99
8) Chloroethane	1.587	64	20903	11.933	ug/L	99
9) Trichlorofluoromethane	1.754	101	48357	9.921	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	24337	10.095	ug/L	98
12) 1,1-Dichloroethene	2.121	96	23600	10.158	ug/L	98
13) Acetone	2.192	43	37396	23.298	ug/L	97
14) Carbon disulfide	2.298	76	66310	9.871	ug/L	98
15) Methyl Acetate	2.439	43	26199	11.397	ug/L	98
16) Methylene chloride	2.510	84	26708	10.469	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	24531	10.236	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	85092	11.250	ug/L	99
19) 1,1-Dichloroethane	3.192	63	47395	11.579	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	26906	10.416	ug/L	100
22) 2-Butanone	3.989	43	36789	21.145	ug/L	97
23) Bromochloromethane	4.253	128	13018	9.078	ug/L	99
25) Chloroform	4.378	83	49167	10.521	ug/L	96
27) 1,2-Dichloroethane	5.134	62	37109	9.830	ug/L	99
29) Cyclohexane	4.677	56	42893	12.983	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	44537	10.369	ug/L	99
31) Carbon tetrachloride	4.831	117	36436	9.353	ug/L	99
33) Benzene	5.101	78	107223	11.830	ug/L	100
34) Trichloroethene	5.918	95	30217	11.915	ug/L	96
35) Methylcyclohexane	6.130	83	45572	12.213	ug/L	98
37) 1,2-Dichloropropane	6.175	63	26934	12.180	ug/L	99
38) Bromodichloromethane	6.510	83	38300	11.371	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	44337	11.970	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	74143	25.149	ug/L	98
42) Toluene	7.387	91	111966	11.085	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	41489	11.245	ug/L	100

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 ClientSampleId :

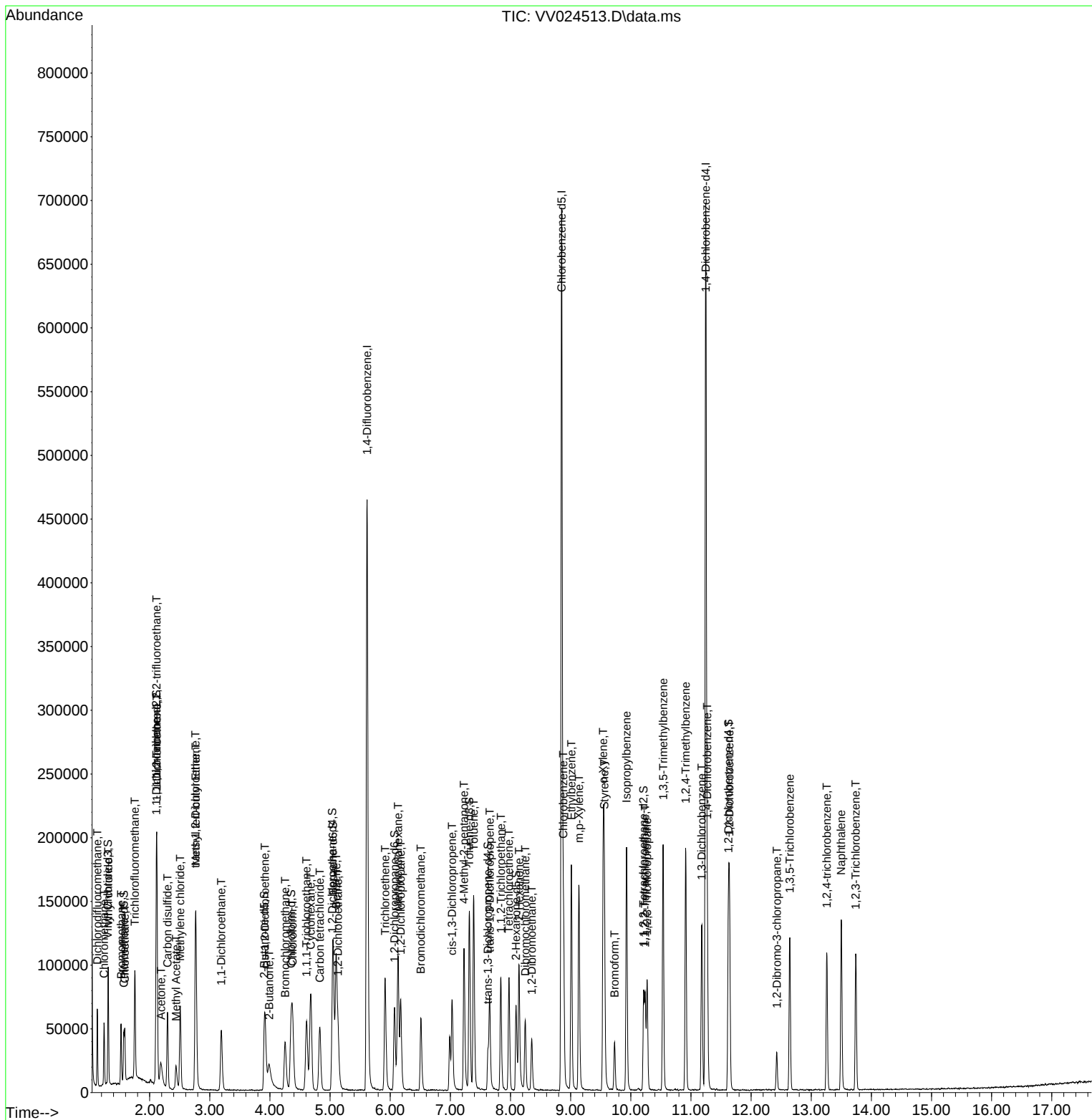
Quant Time: Feb 03 05:21:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:20:44 2022
 Response via : Initial Calibration

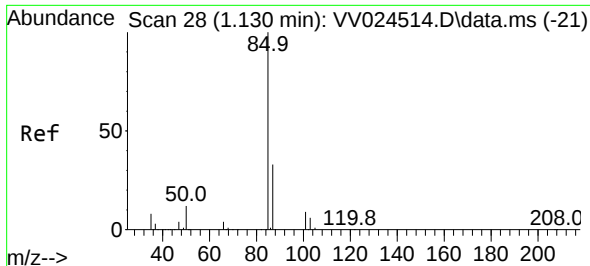
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	26740	11.257	ug/L	98
46) Tetrachloroethene	7.976	164	17380	8.201	ug/L	97
48) 2-Hexanone	8.143	43	61642	25.705	ug/L	98
49) Dibromochloromethane	8.246	129	27252	9.449	ug/L	96
50) 1,2-Dibromoethane	8.352	107	27100	10.657	ug/L #	95
51) Chlorobenzene	8.879	112	70384	10.469	ug/L	98
52) Ethylbenzene	9.011	91	123648	11.369	ug/L	99
53) m,p-Xylene	9.140	106	45988	10.725	ug/L	100
54) o-Xylene	9.542	106	46321	11.245	ug/L	96
55) Styrene	9.561	104	75176	10.590	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35291	10.157	ug/L	97
59) Bromoform	9.731	173	14794	8.483	ug/L	98
60) Isopropylbenzene	9.931	105	120152	13.155	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33652	13.494	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	101018	12.900	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	102137	13.067	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	47901	10.669	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	49545	10.739	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	48487	10.536	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7993	11.431	ug/L	87
69) 1,3,5-Trichlorobenzene	12.645	180	31649	9.450	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	27584	9.558	ug/L	100
71) Naphthalene	13.500	128	101233	11.523	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	26891	9.132	ug/L	99

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

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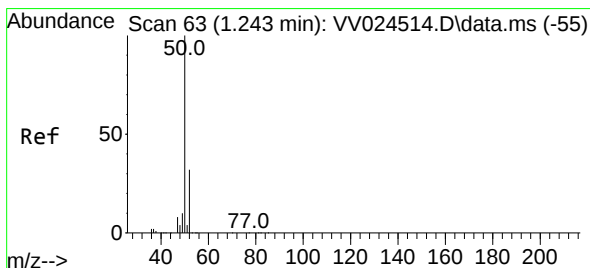
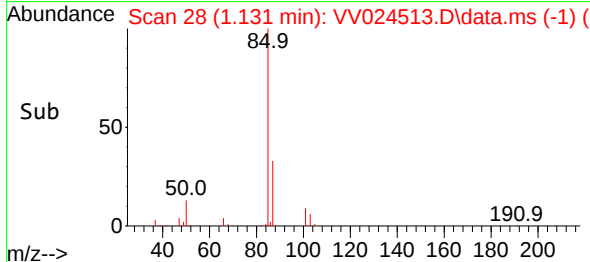
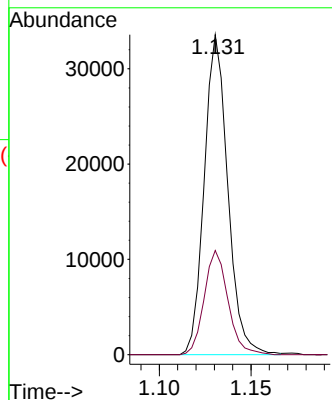
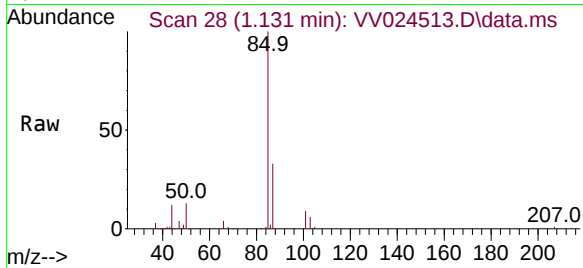




#2
Dichlorodifluoromethane
Concen: 9.856 ug/L
RT: 1.131 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

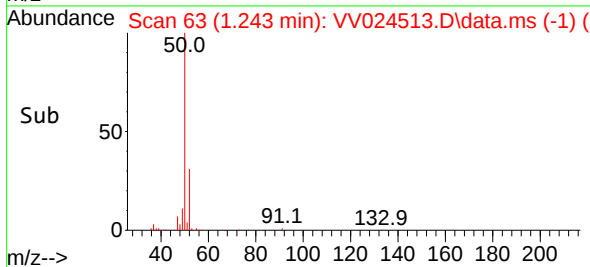
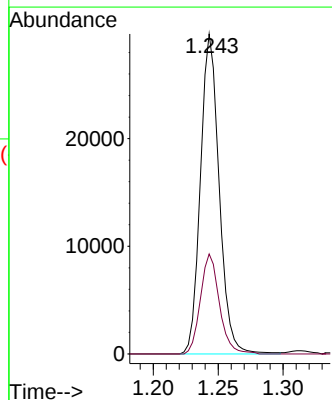
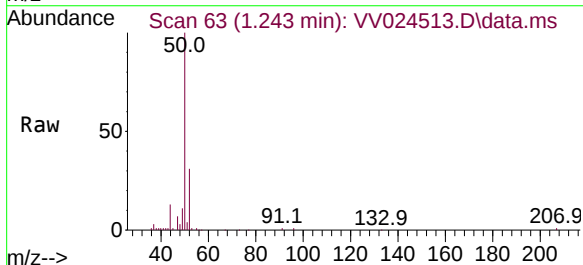
Instrument :
MSVOA_V
ClientSampleId :

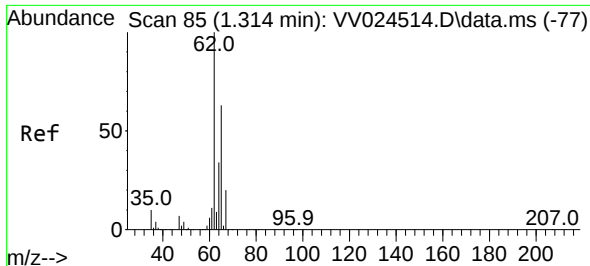
Tgt Ion: 85 Resp: 29947
Ion Ratio Lower Upper
85 100
87 32.9 26.2 39.4



#3
Chloromethane
Concen: 11.230 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

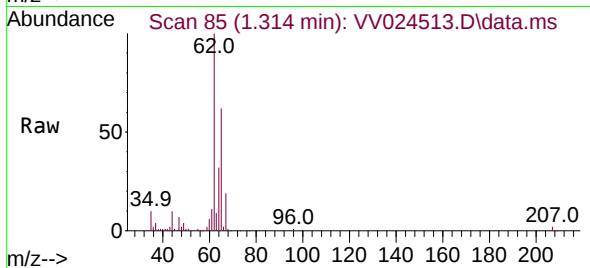
Tgt Ion: 50 Resp: 29914
Ion Ratio Lower Upper
50 100
52 31.2 22.5 41.7



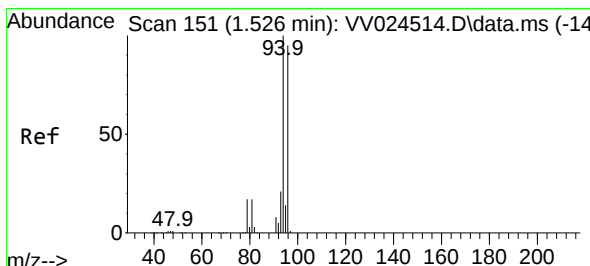
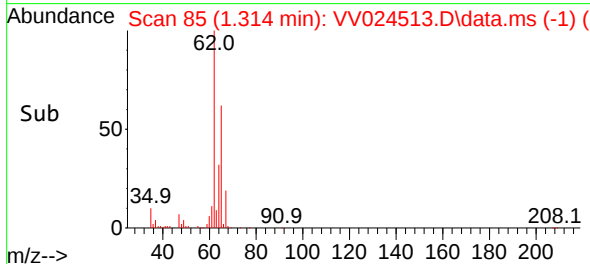
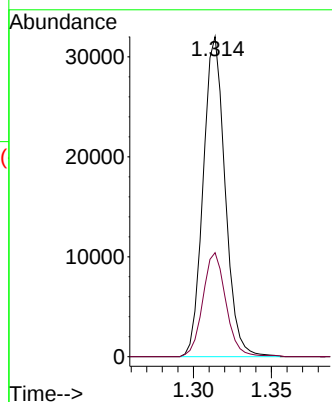


#5
 Vinyl chloride
 Concen: 11.166 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024513.D
 Acq: 02 Feb 2022 10:27

Instrument :
 MSVOA_V
 ClientSampleId :

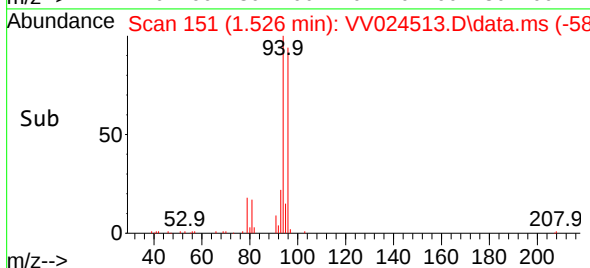
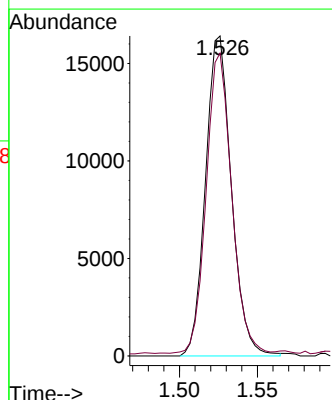
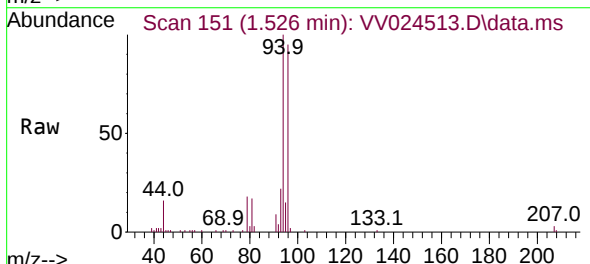


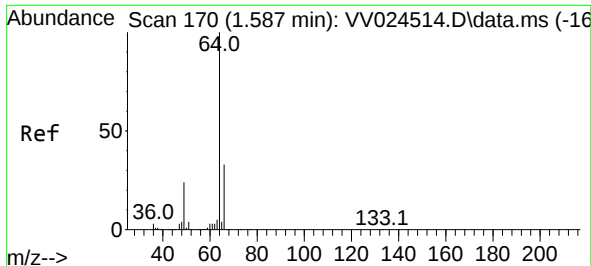
Tgt Ion: 62 Resp: 31360
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.6



#6
 Bromomethane
 Concen: 11.708 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV024513.D
 Acq: 02 Feb 2022 10:27

Tgt Ion: 94 Resp: 18969
 Ion Ratio Lower Upper
 94 100
 96 94.7 67.0 124.4

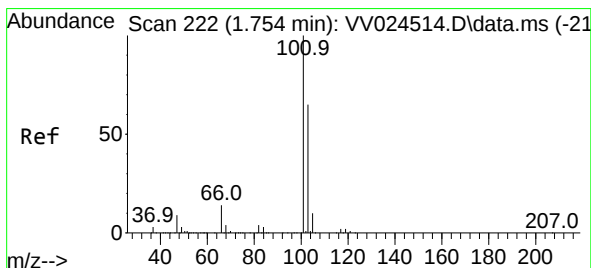
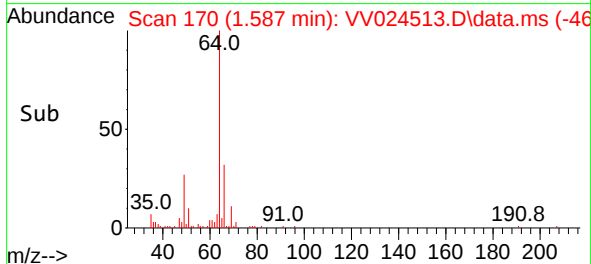
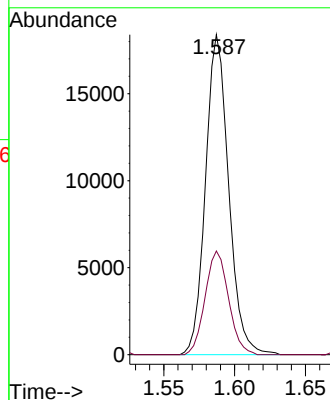
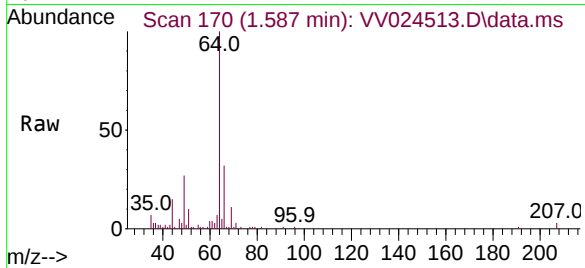




#8
Chloroethane
Concen: 11.933 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

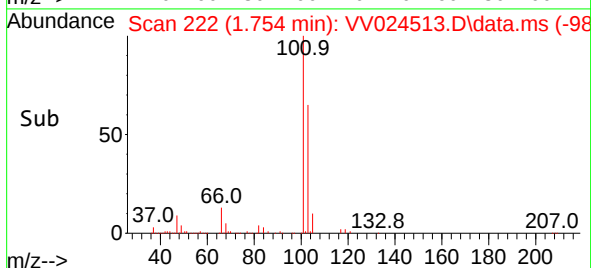
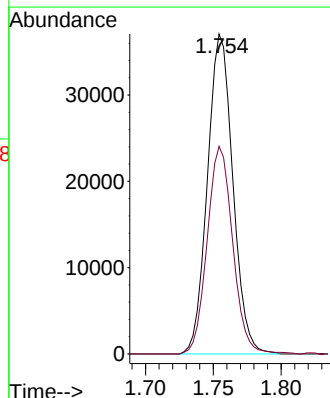
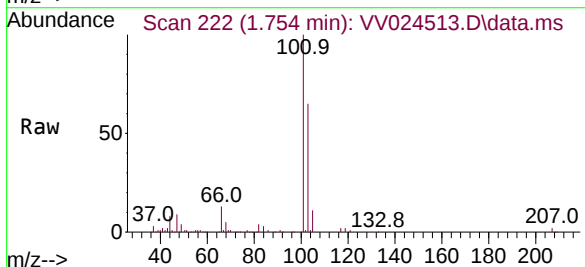
Instrument :
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ClientSampleId :

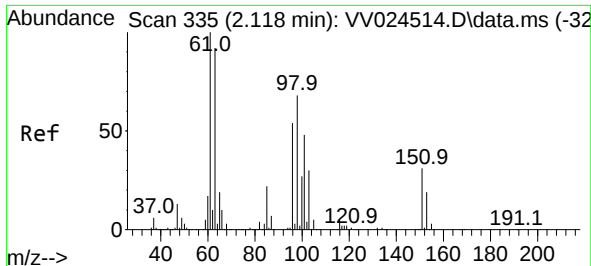
Tgt Ion: 64 Resp: 20903
Ion Ratio Lower Upper
64 100
66 32.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 9.921 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 101 Resp: 48357
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5

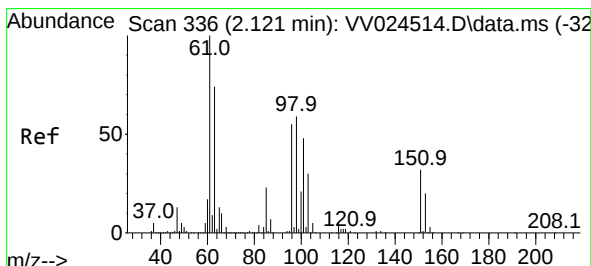
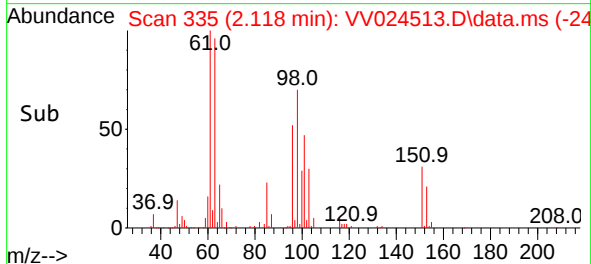
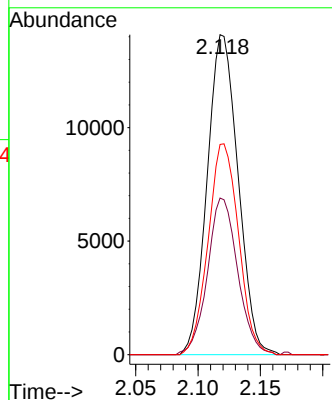
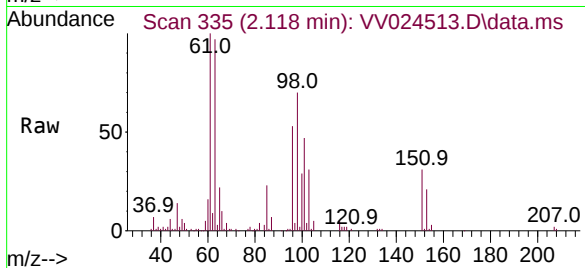




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.095 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024513.D
 Acq: 02 Feb 2022 10:27

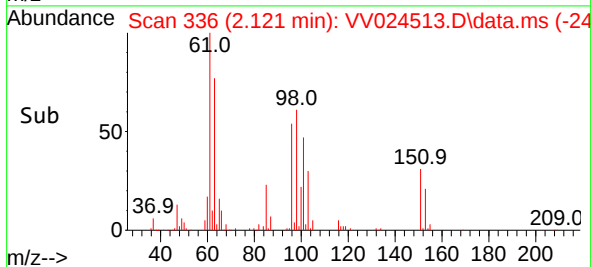
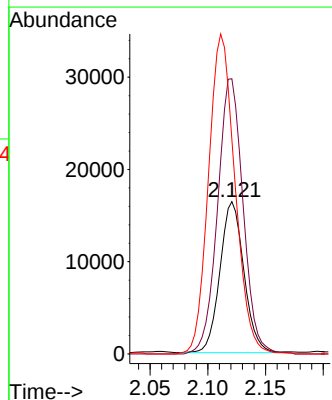
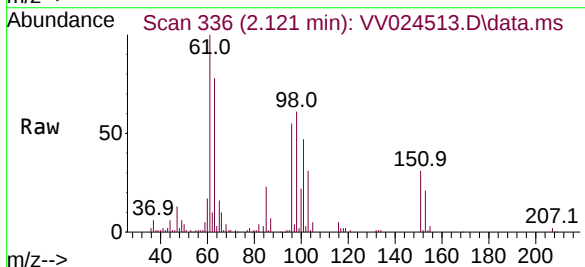
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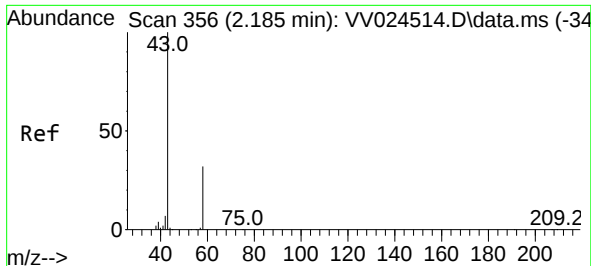
Tgt Ion:101 Resp: 24337
 Ion Ratio Lower Upper
 101 100
 85 47.8 37.3 55.9
 151 65.0 50.8 76.2



#12
 1,1-Dichloroethene
 Concen: 10.158 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024513.D
 Acq: 02 Feb 2022 10:27

Tgt Ion: 96 Resp: 23600
 Ion Ratio Lower Upper
 96 100
 61 180.8 127.1 236.1
 63 140.9 94.5 175.5





#13

Acetone

Concen: 23.298 ug/L

RT: 2.192 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

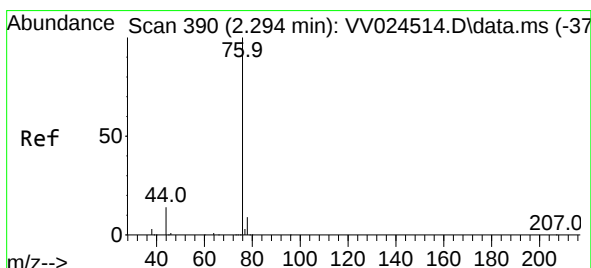
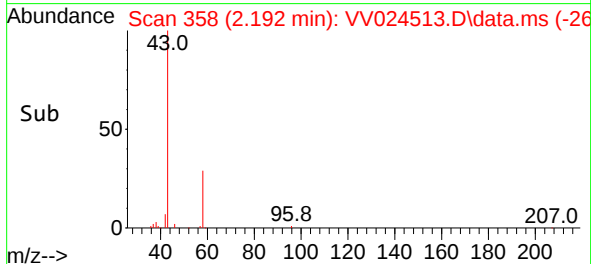
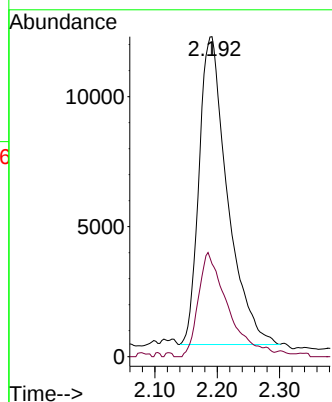
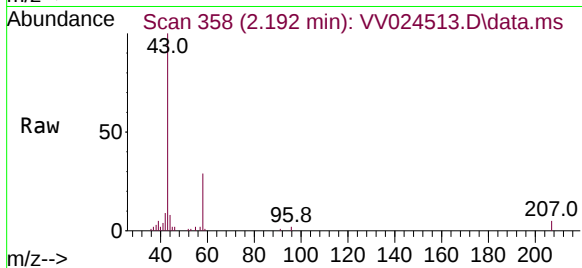
ClientSampleId :

Tgt Ion: 43 Resp: 37396

Ion Ratio Lower Upper

43 100

58 34.4 0.0 65.0



#14

Carbon disulfide

Concen: 9.871 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024513.D

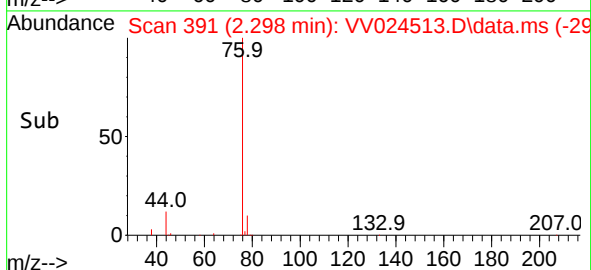
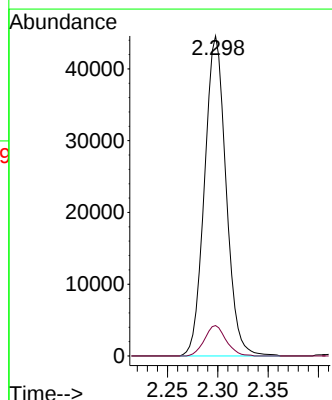
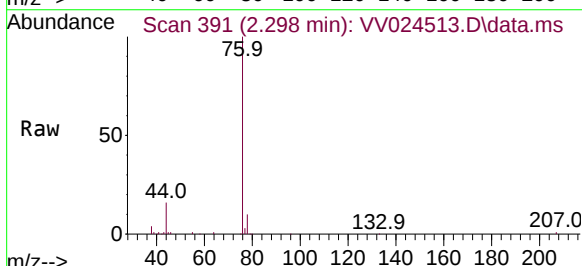
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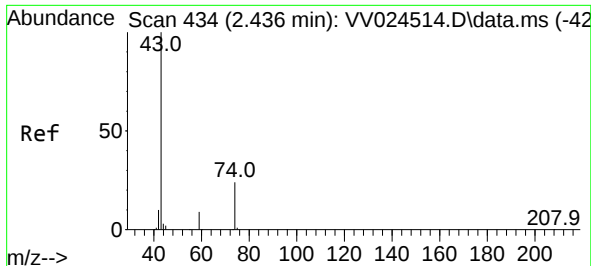
Tgt Ion: 76 Resp: 66310

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

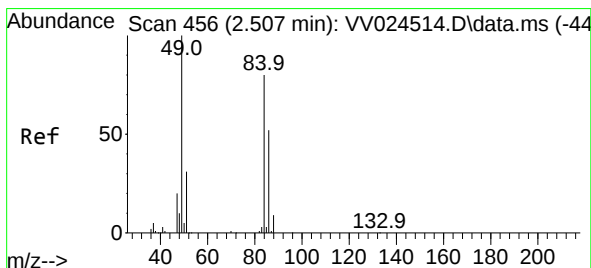
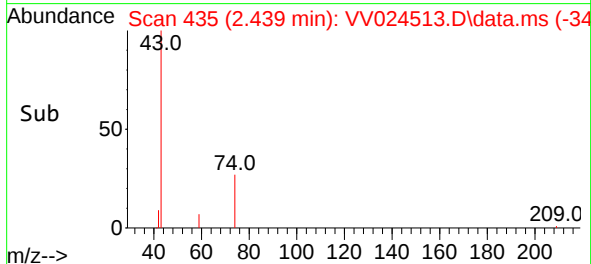
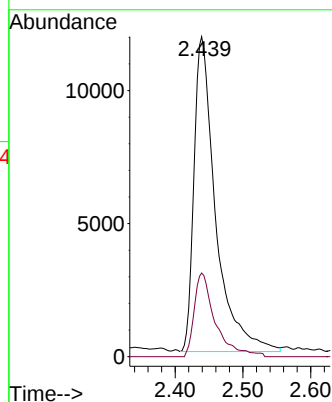
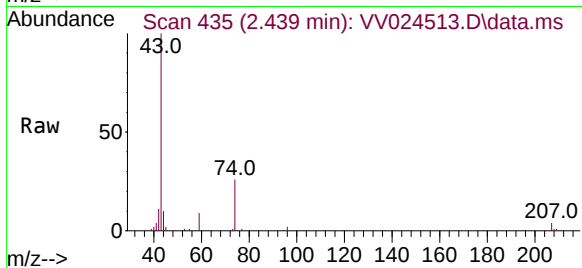




#15
Methyl Acetate
Concen: 11.397 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

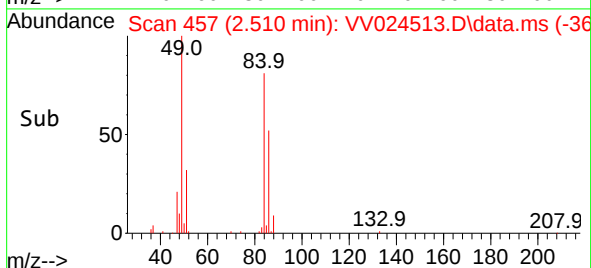
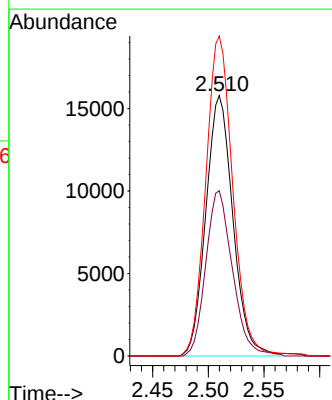
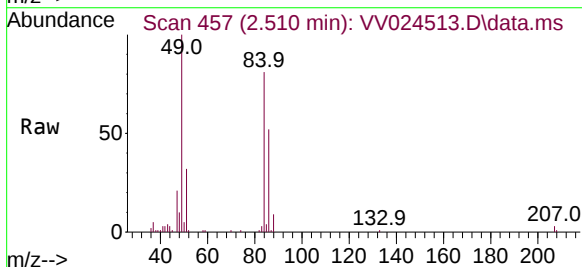
Instrument :
MSVOA_V
ClientSampleId :

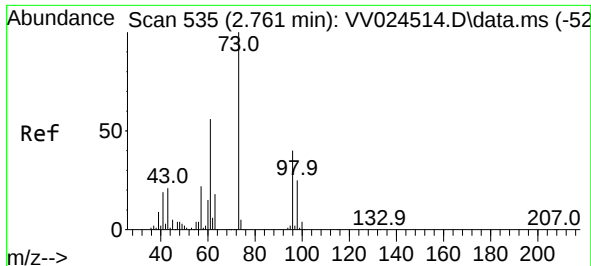
Tgt Ion: 43 Resp: 26199
Ion Ratio Lower Upper
43 100
74 25.6 19.7 29.5



#16
Methylene chloride
Concen: 10.469 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 84 Resp: 26708
Ion Ratio Lower Upper
84 100
86 63.5 45.5 84.5
49 122.8 87.0 161.6

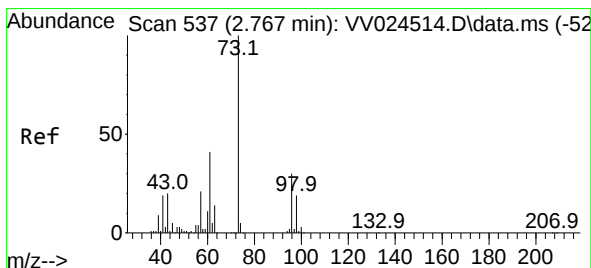
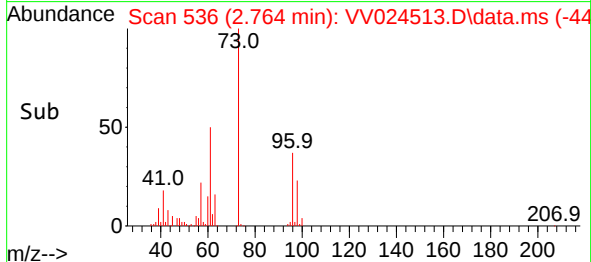
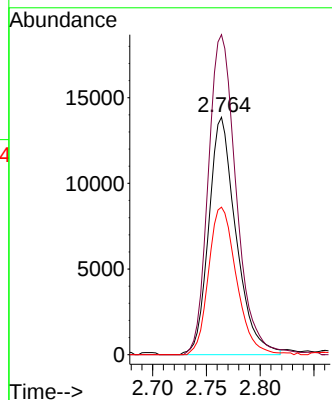
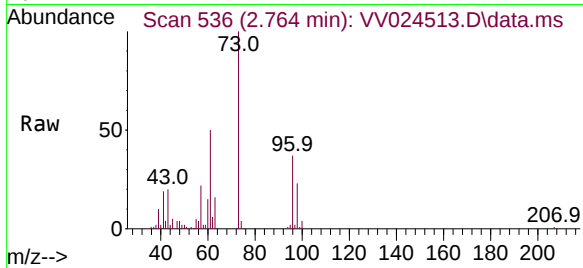




#17
trans-1,2-Dichloroethene
Concen: 10.236 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

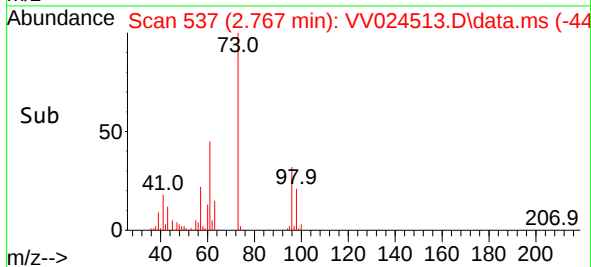
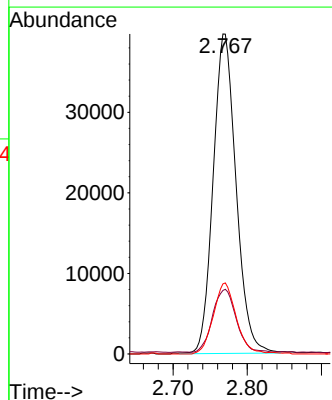
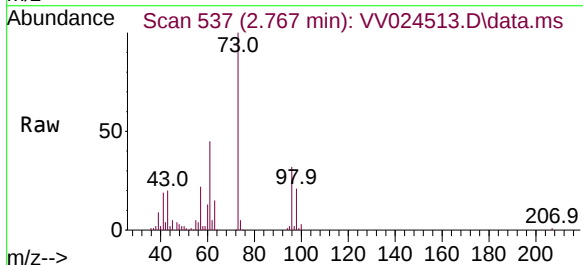
Instrument :
MSVOA_V
ClientSampleId :

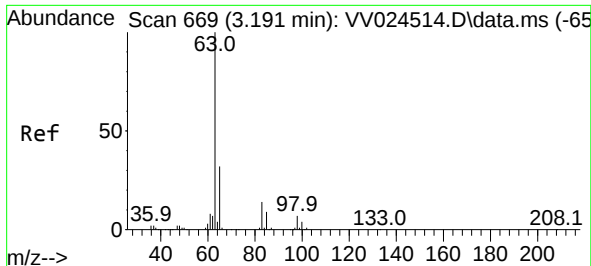
Tgt Ion: 96 Resp: 24531
Ion Ratio Lower Upper
96 100
61 134.8 98.2 182.4
98 62.1 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 11.250 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 73 Resp: 85092
Ion Ratio Lower Upper
73 100
43 20.3 16.0 24.0
57 22.1 17.2 25.8





#19

1,1-Dichloroethane

Concen: 11.579 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.000 min

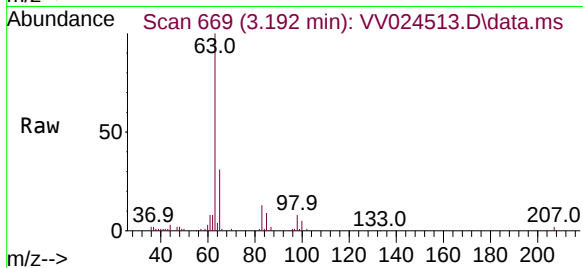
Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :



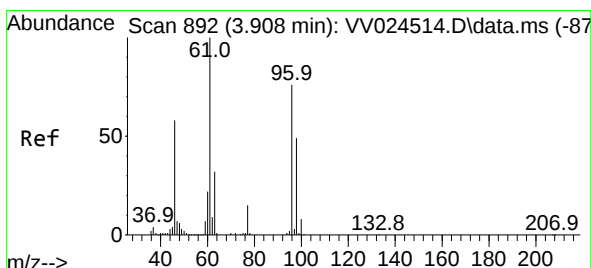
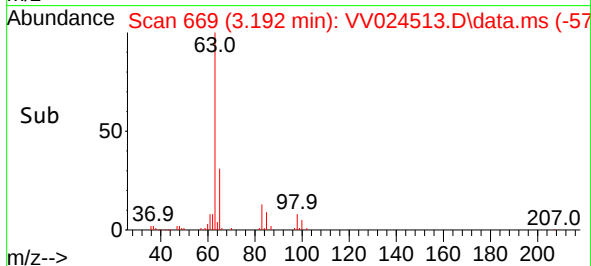
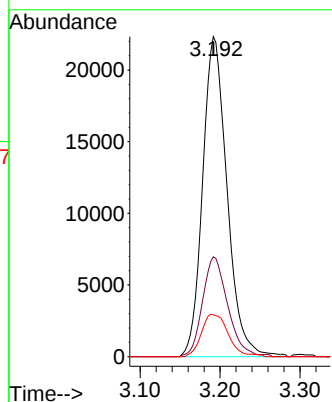
Tgt Ion: 63 Resp: 47395

Ion Ratio Lower Upper

63 100

65 31.2 22.2 41.2

83 13.1 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 10.416 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

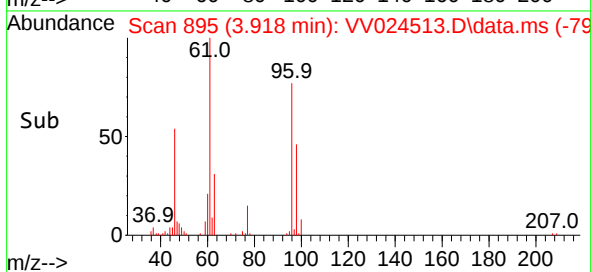
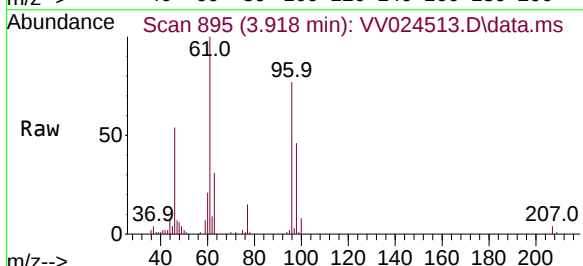
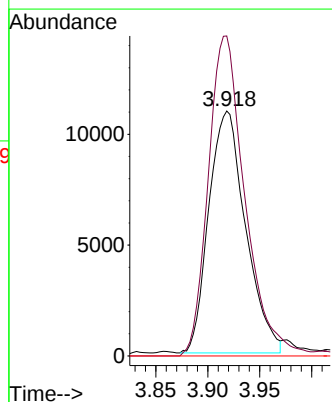
Tgt Ion: 96 Resp: 26906

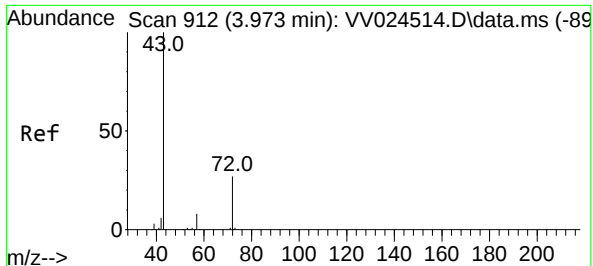
Ion Ratio Lower Upper

96 100

61 130.6 91.5 169.9

68 0.0 0.0 0.0

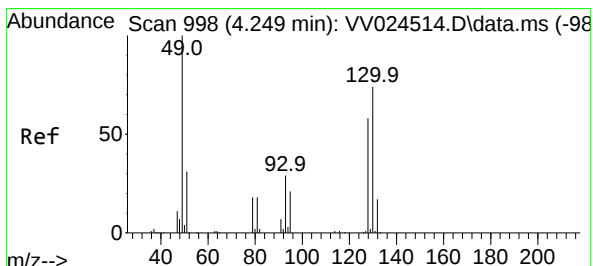
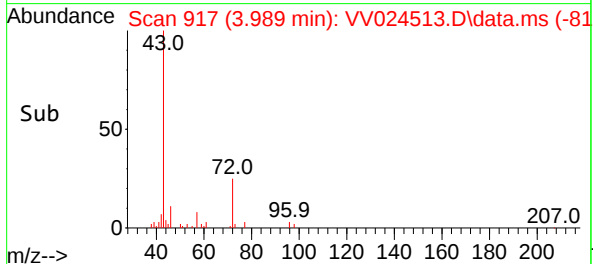
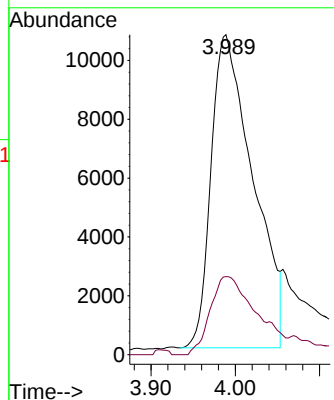
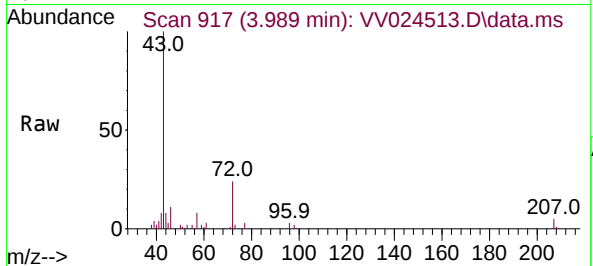




#22
2-Butanone
Concen: 21.145 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.016 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

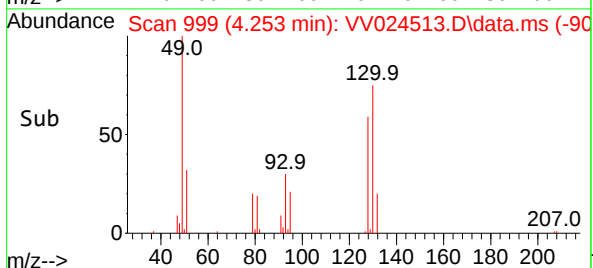
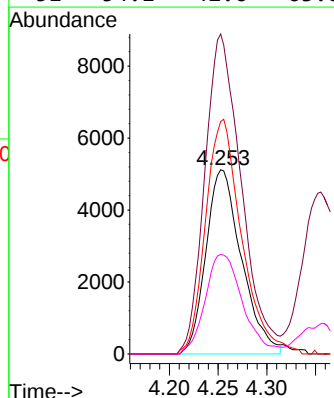
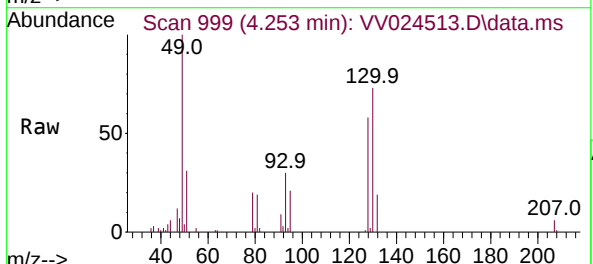
Instrument :
MSVOA_V
ClientSampleId :

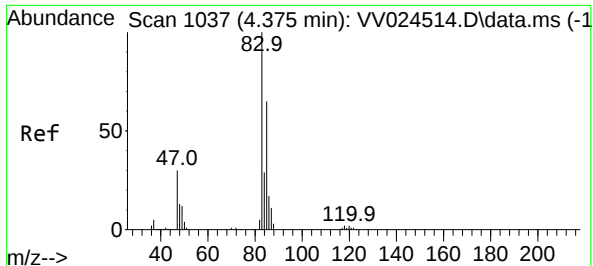
Tgt Ion: 43 Resp: 36789
Ion Ratio Lower Upper
43 100
72 24.4 12.9 38.7



#23
Bromochloromethane
Concen: 9.078 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion:128 Resp: 13018
Ion Ratio Lower Upper
128 100
49 173.8 120.1 223.1
130 126.3 88.8 164.8
51 54.1 42.6 63.8

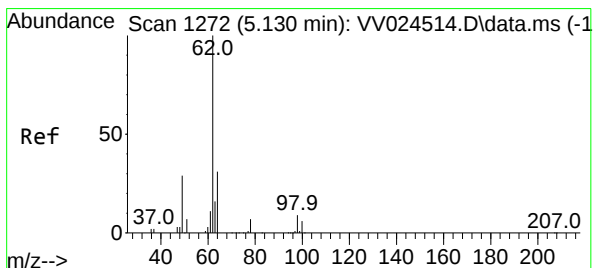
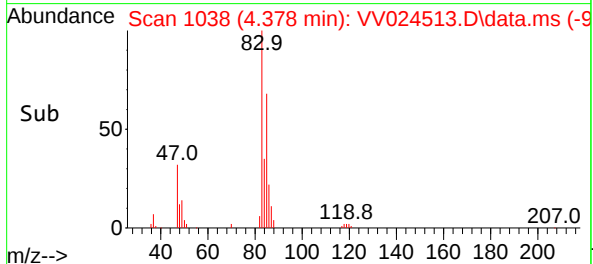
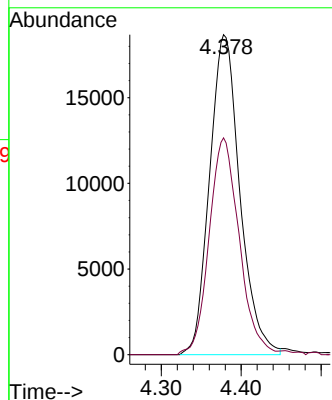
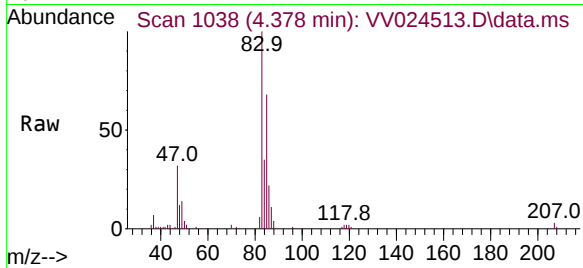




#25
Chloroform
Concen: 10.521 ug/L
RT: 4.378 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

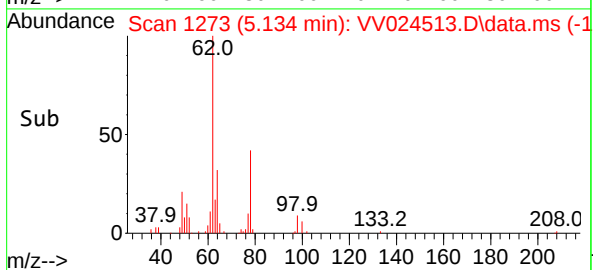
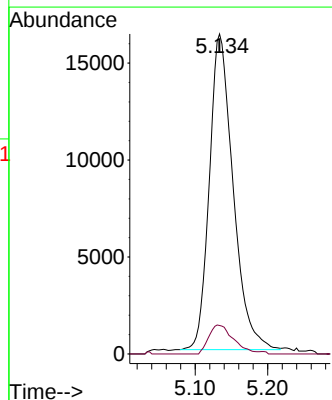
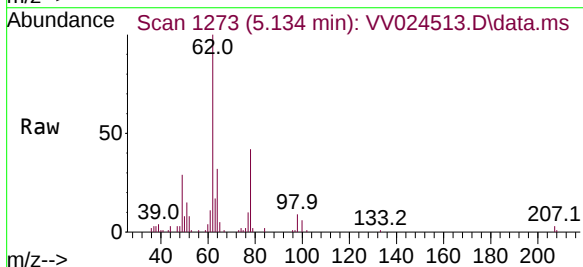
Instrument :
MSVOA_V
ClientSampleId :

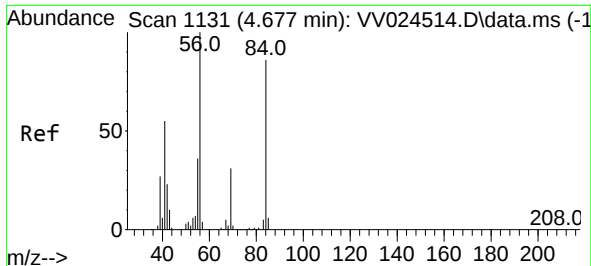
Tgt Ion: 83 Resp: 49167
Ion Ratio Lower Upper
83 100
85 67.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 9.830 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 62 Resp: 37109
Ion Ratio Lower Upper
62 100
98 8.9 7.5 11.3





#29

Cyclohexane

Concen: 12.983 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

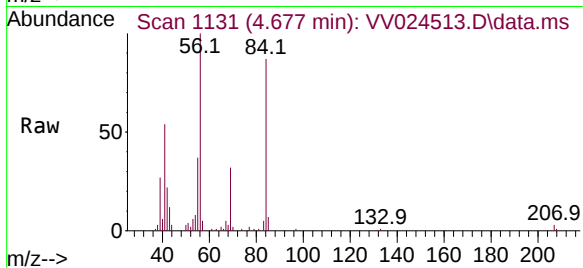
Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :



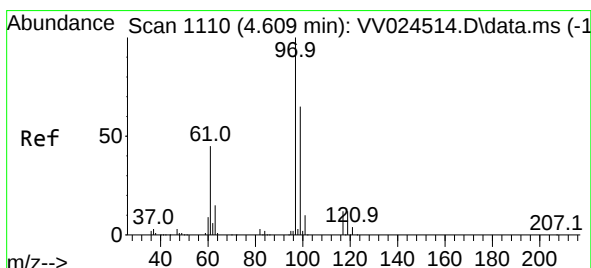
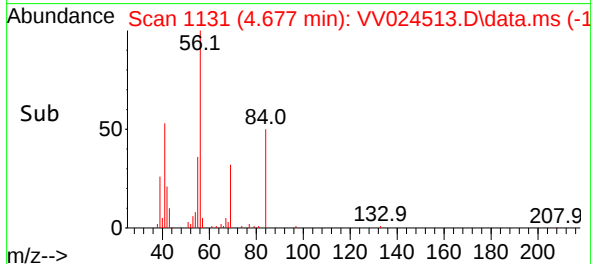
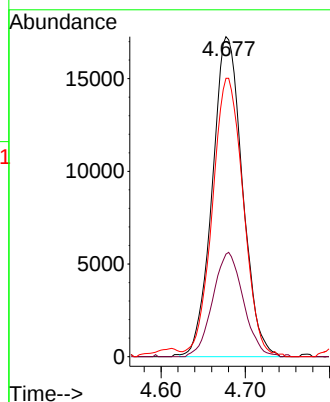
Tgt Ion: 56 Resp: 42893

Ion Ratio Lower Upper

56 100

69 33.1 24.7 37.1

84 89.1 70.2 105.4



#30

1,1,1-Trichloroethane

Concen: 10.369 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

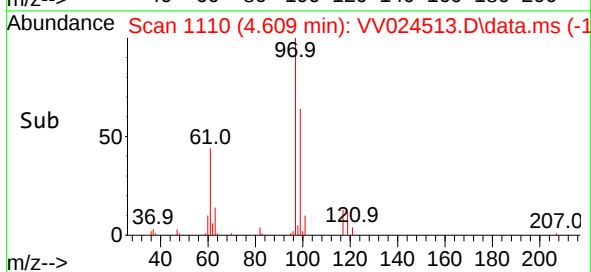
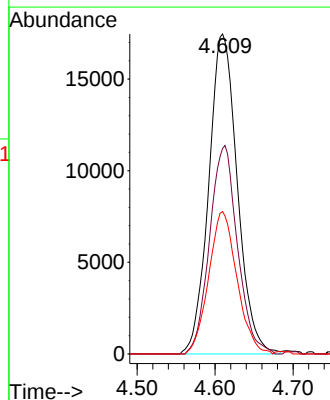
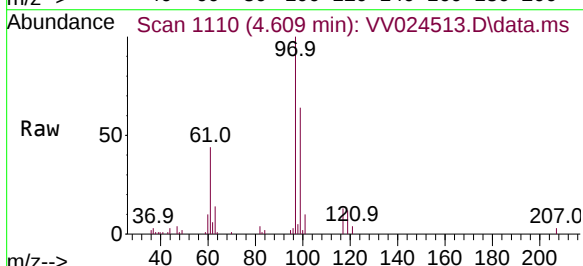
Tgt Ion: 97 Resp: 44537

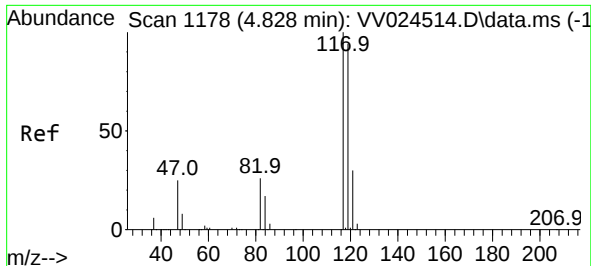
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.6

61 44.0 35.9 53.9

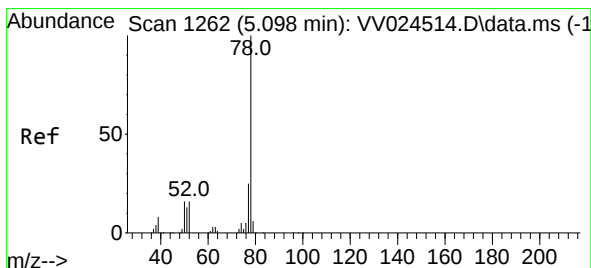
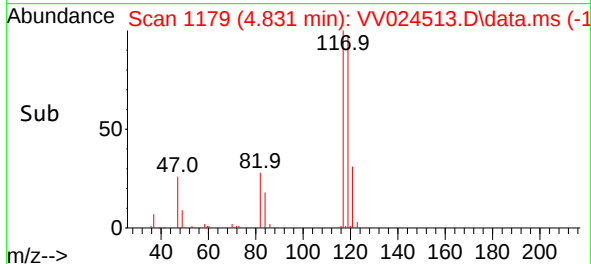
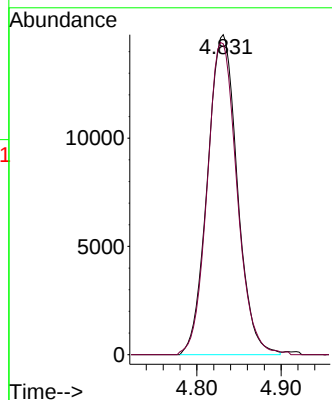
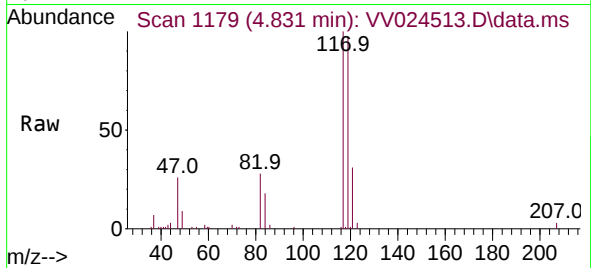




#31
Carbon tetrachloride
Concen: 9.353 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

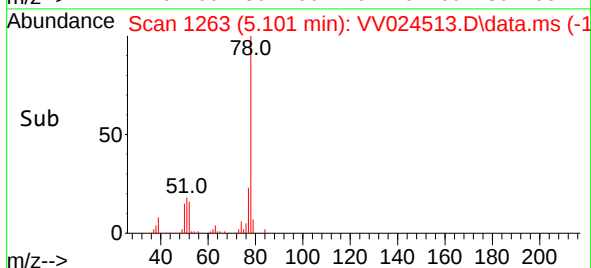
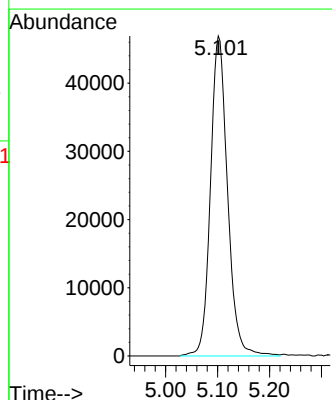
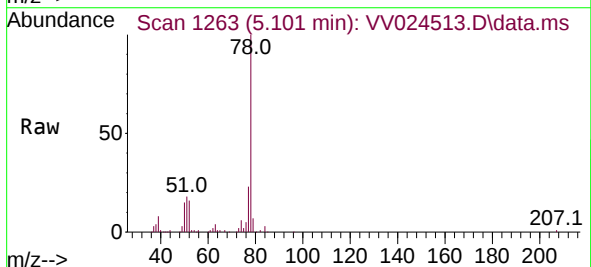
Instrument :
MSVOA_V
ClientSampleId :

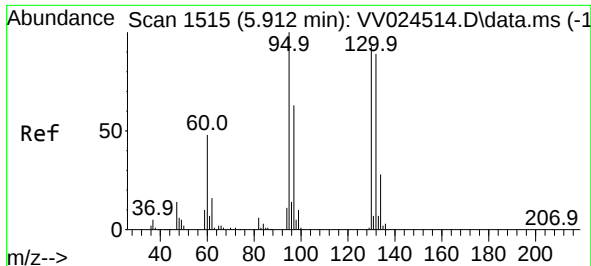
Tgt Ion:117 Resp: 36436
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1



#33
Benzene
Concen: 11.830 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 78 Resp: 107223

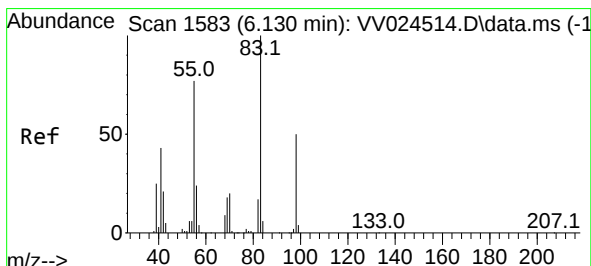
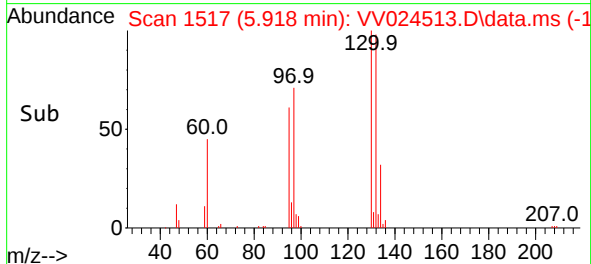
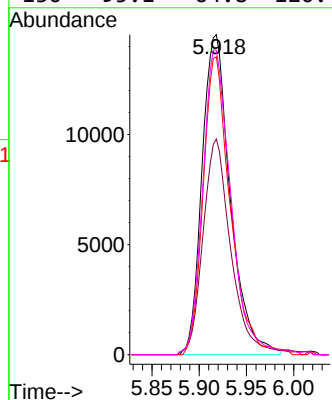
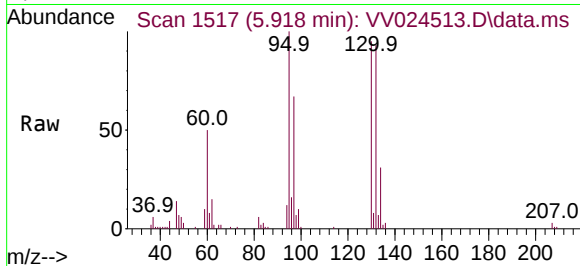




#34
Trichloroethene
Concen: 11.915 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

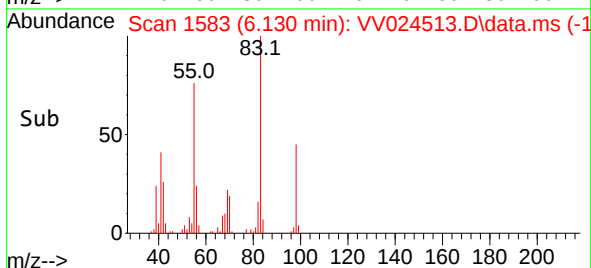
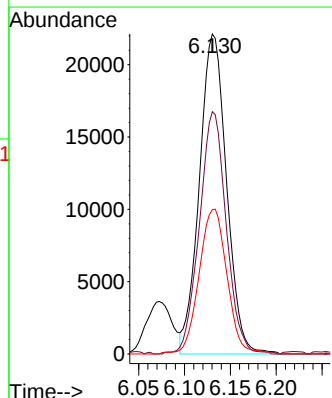
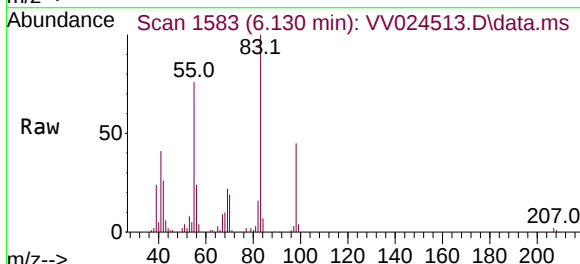
Instrument :
MSVOA_V
ClientSampleId :

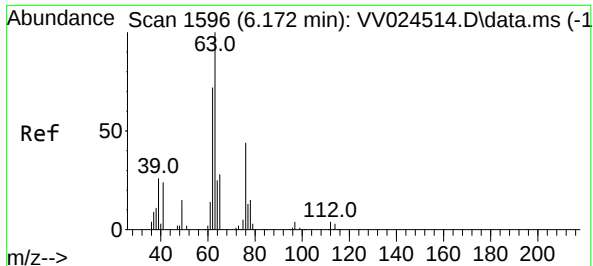
Tgt Ion: 95 Resp: 30217
Ion Ratio Lower Upper
95 100
97 67.4 44.1 81.9
132 93.0 62.4 116.0
130 95.1 64.8 120.4



#35
Methylcyclohexane
Concen: 12.213 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 83 Resp: 45572
Ion Ratio Lower Upper
83 100
55 75.0 60.9 91.3
98 46.3 39.2 58.8





#37

1,2-Dichloropropane

Concen: 12.180 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

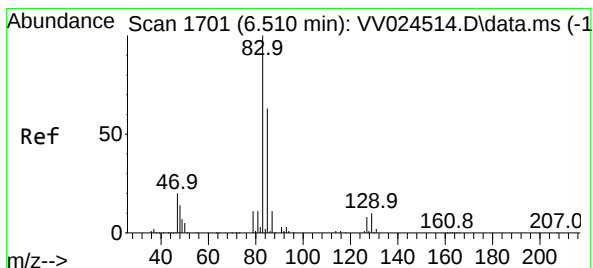
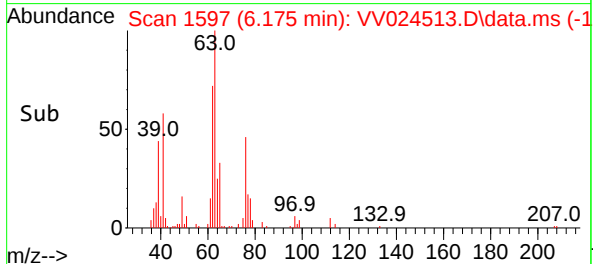
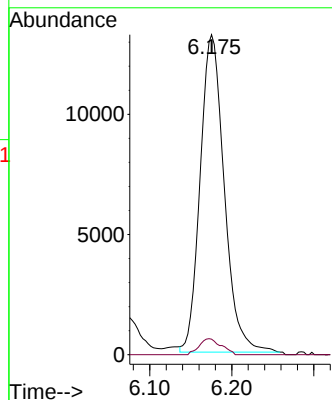
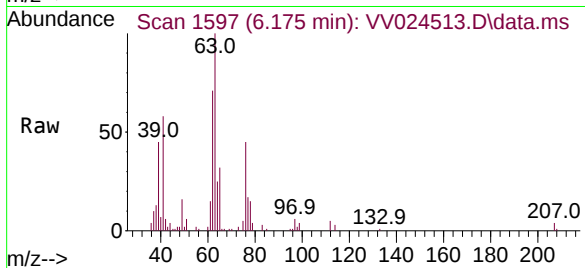
ClientSampleId :

Tgt Ion: 63 Resp: 26934

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.2



#38

Bromodichloromethane

Concen: 11.371 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

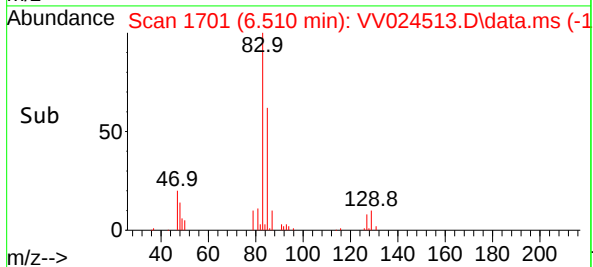
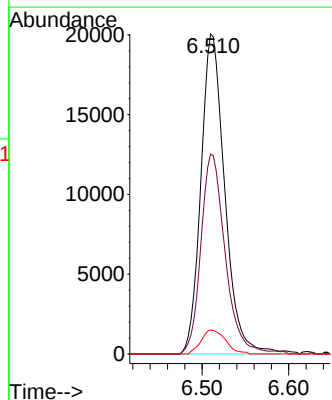
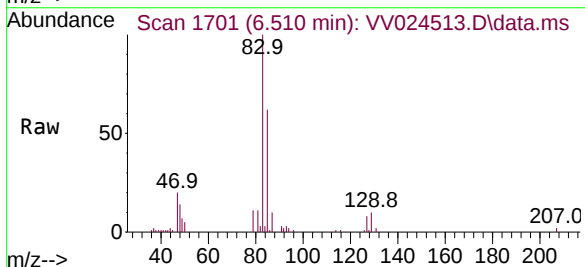
Tgt Ion: 83 Resp: 38300

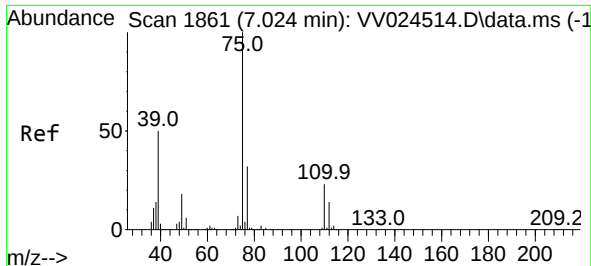
Ion Ratio Lower Upper

83 100

85 62.5 44.2 82.2

127 7.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 11.970 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

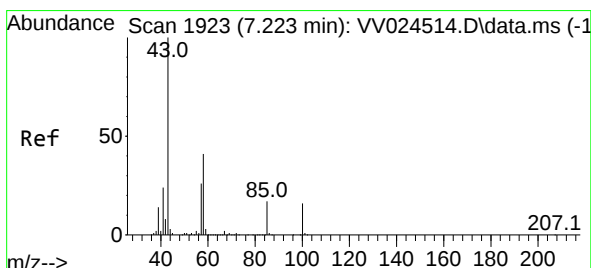
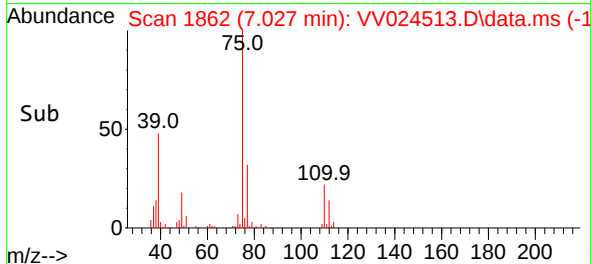
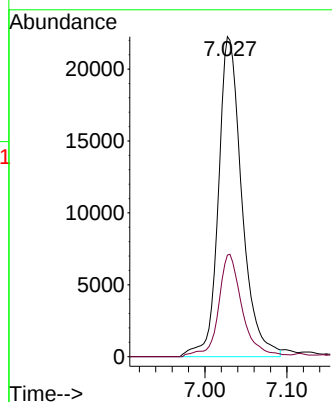
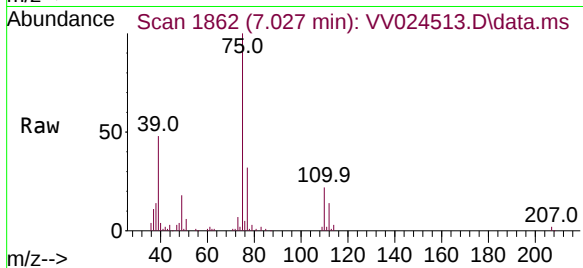
ClientSampleId :

Tgt Ion: 75 Resp: 44337

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 25.149 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

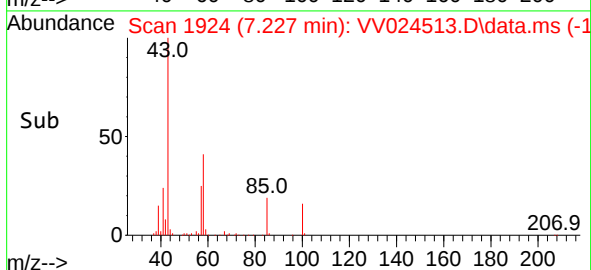
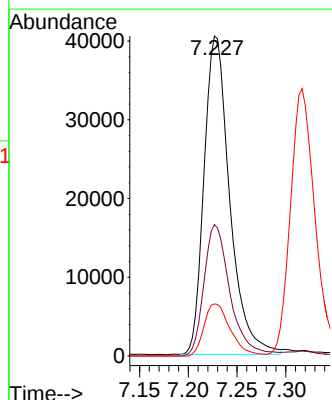
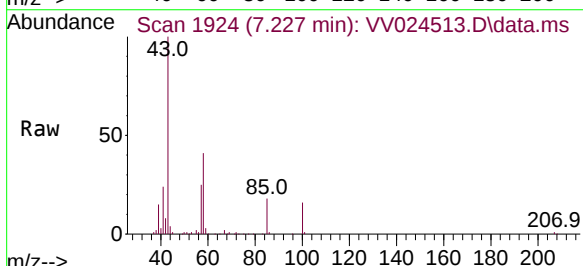
Tgt Ion: 43 Resp: 74143

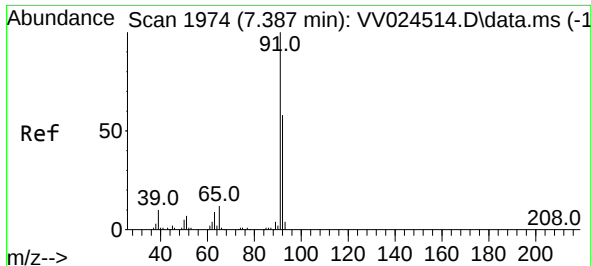
Ion Ratio Lower Upper

43 100

58 42.0 32.5 48.7

100 16.7 12.7 19.1





#42

Toluene

Concen: 11.085 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

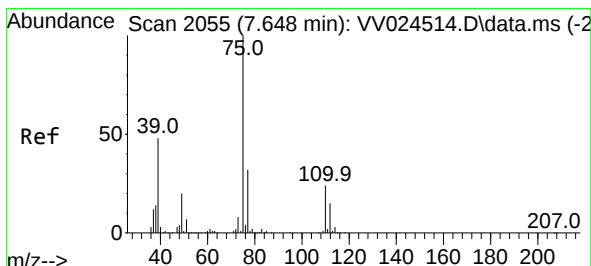
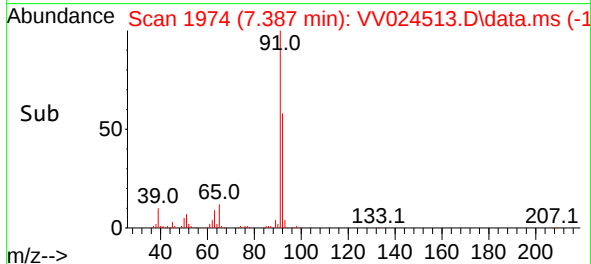
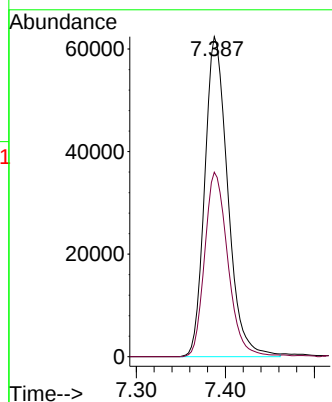
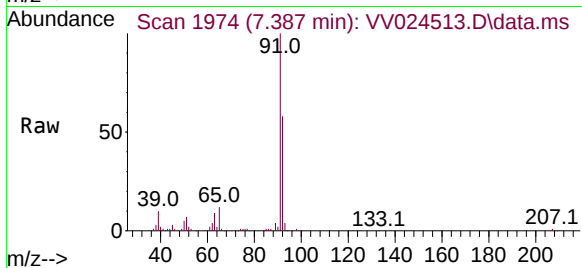
ClientSampleId :

Tgt Ion: 91 Resp: 111966

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 11.245 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV024513.D

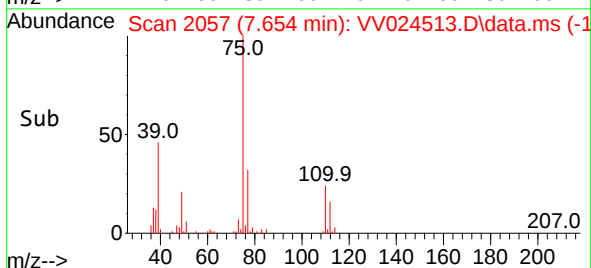
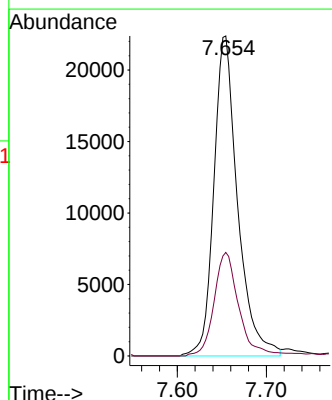
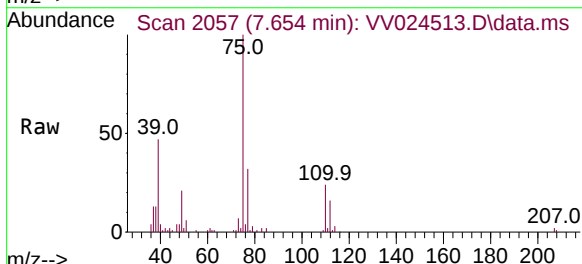
Acq: 02 Feb 2022 10:27

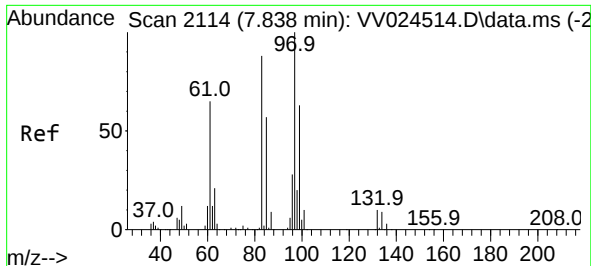
Tgt Ion: 75 Resp: 41489

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.1

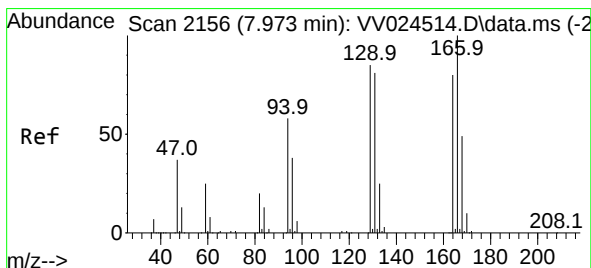
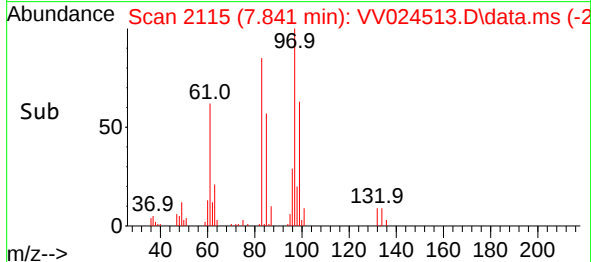
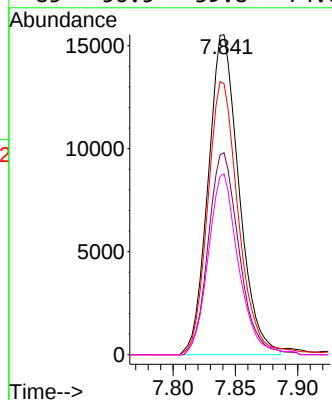
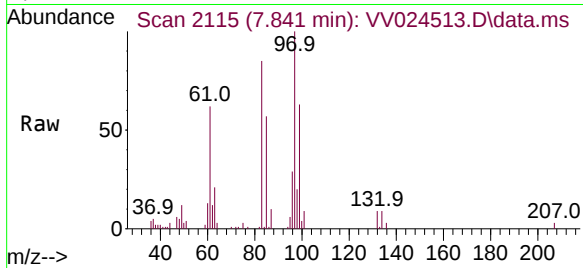




#45
1,1,2-Trichloroethane
Concen: 11.257 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

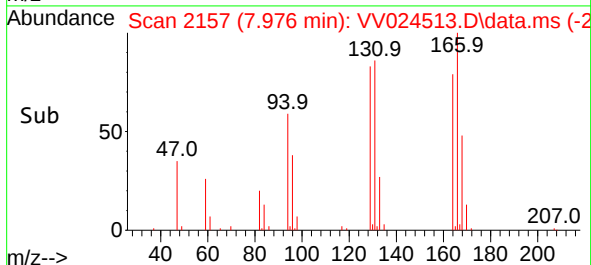
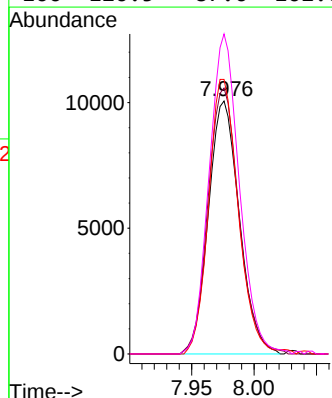
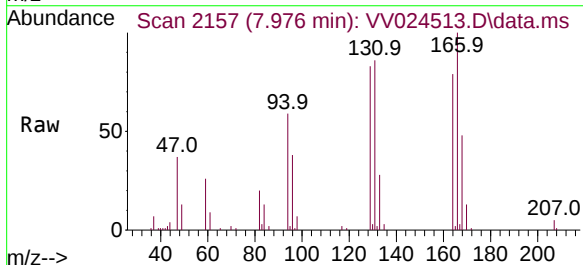
Instrument :
MSVOA_V
ClientSampleId :

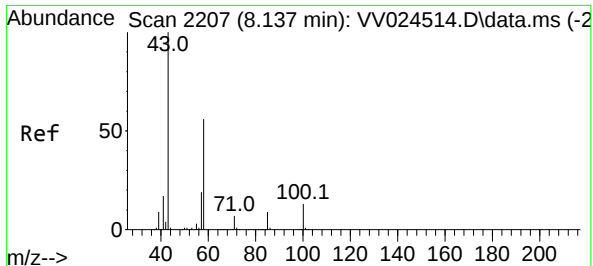
Tgt Ion: 97	Resp: 26740
Ion Ratio	Lower Upper
97 100	
99 63.1	43.8 81.4
83 84.7	61.7 114.7
85 56.5	39.8 74.0



#46
Tetrachloroethene
Concen: 8.201 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

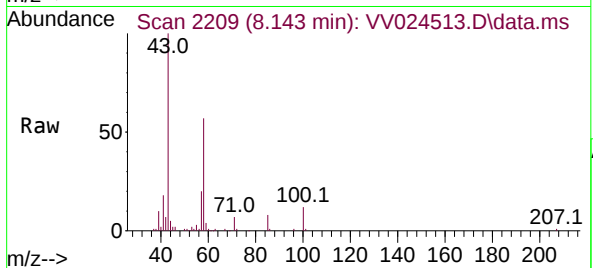
Tgt	Ion:164	Resp:	17380
Ion	Ratio	Lower	Upper
164	100		
129	105.1	74.8	138.8
131	108.5	70.8	131.6
166	126.5	87.6	162.6



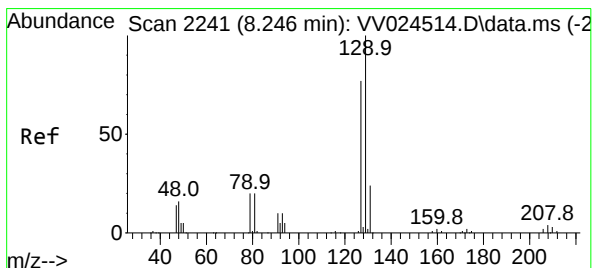
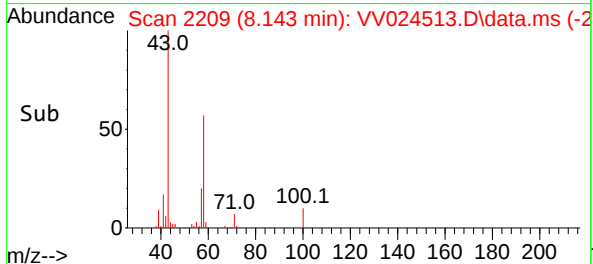
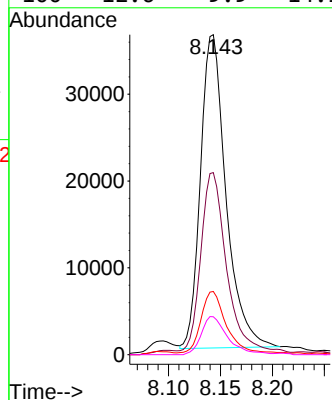


#48
2-Hexanone
Concen: 25.705 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Instrument :
MSVOA_V
ClientSampleId :

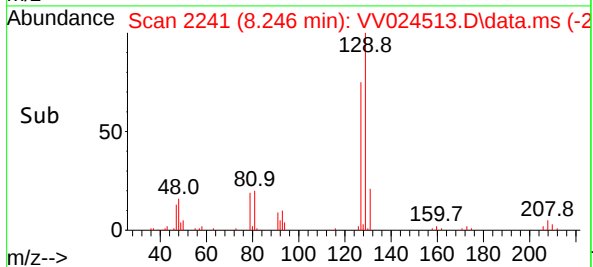
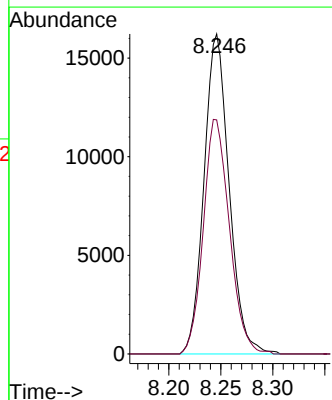
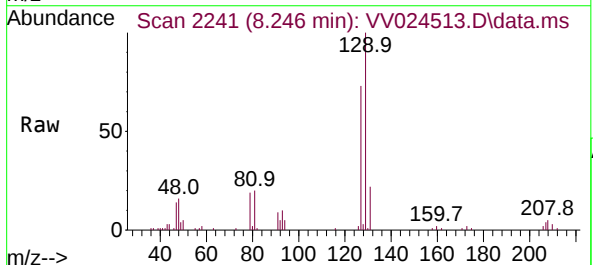


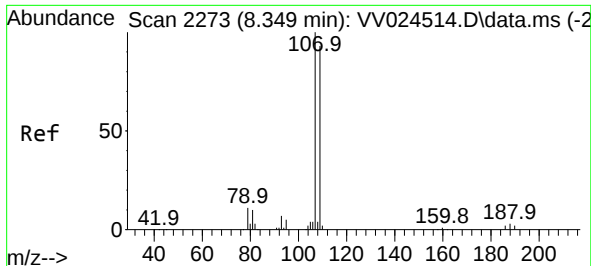
Tgt Ion: 43 Resp: 61642
Ion Ratio Lower Upper
43 100
58 57.0 44.8 67.2
57 20.5 15.1 22.7
100 12.6 9.9 14.9



#49
Dibromochloromethane
Concen: 9.449 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 129 Resp: 27252
Ion Ratio Lower Upper
129 100
127 73.2 53.6 99.6

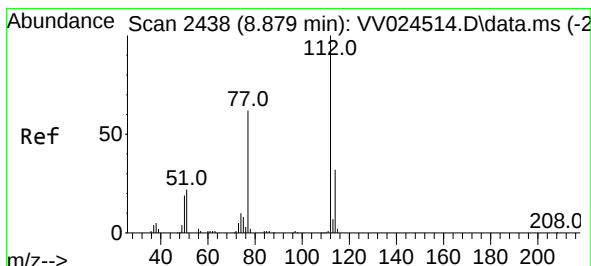
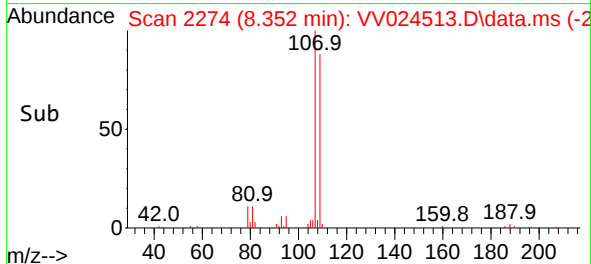
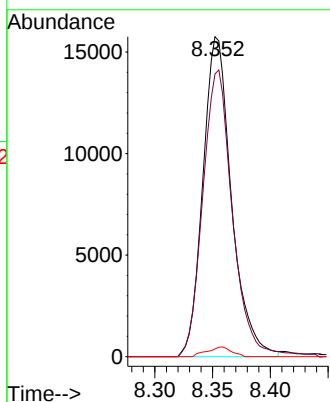
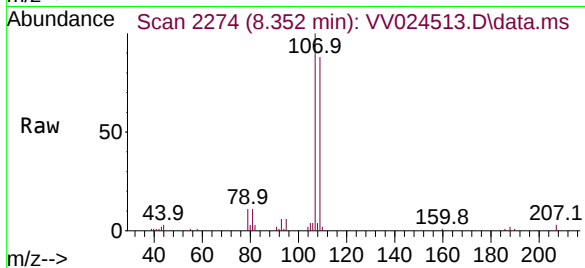




#50
1,2-Dibromoethane
Concen: 10.657 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

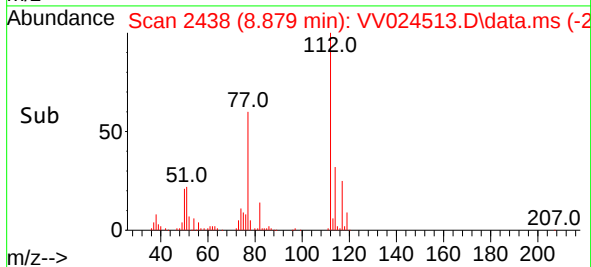
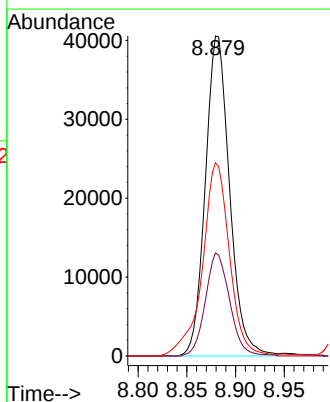
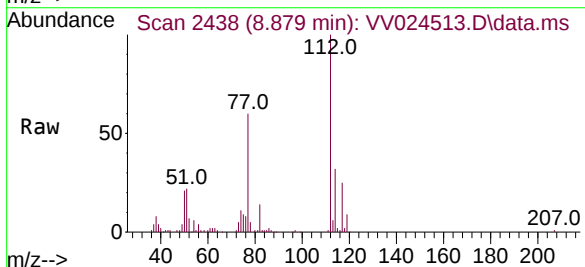
Instrument :
MSVOA_V
ClientSampleId :

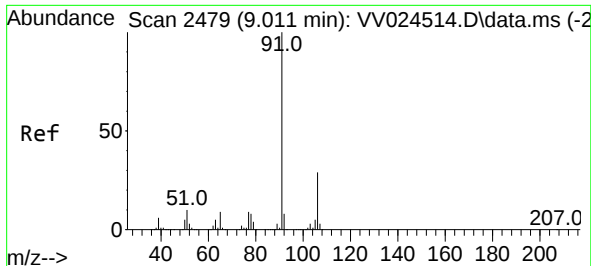
Tgt Ion:107 Resp: 27100
Ion Ratio Lower Upper
107 100
109 88.4 65.4 121.4
188 2.4 2.6 3.8#



#51
Chlorobenzene
Concen: 10.469 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion:112 Resp: 70384
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 60.3 49.9 74.9





#52

Ethylbenzene

Concen: 11.369 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

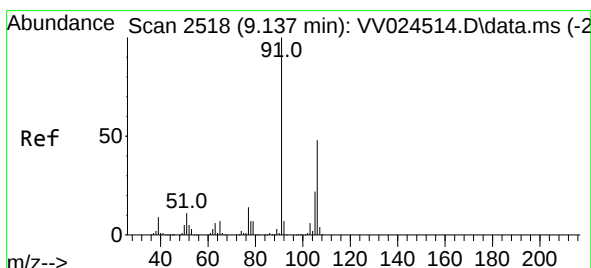
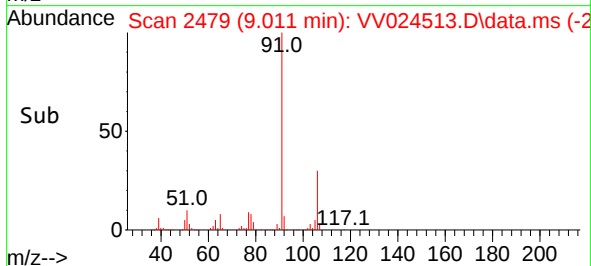
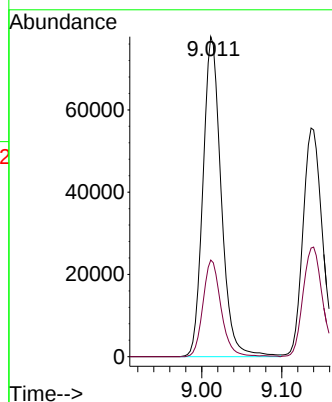
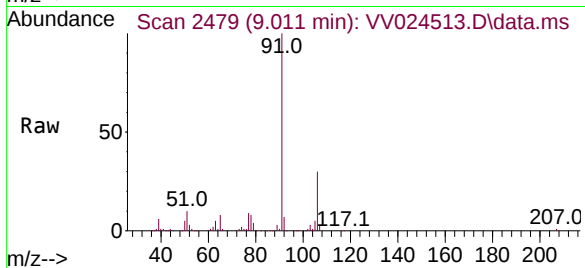
ClientSampleId :

Tgt Ion: 91 Resp: 123648

Ion Ratio Lower Upper

91 100

106 30.2 20.6 38.2



#53

m,p-Xylene

Concen: 10.725 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV024513.D

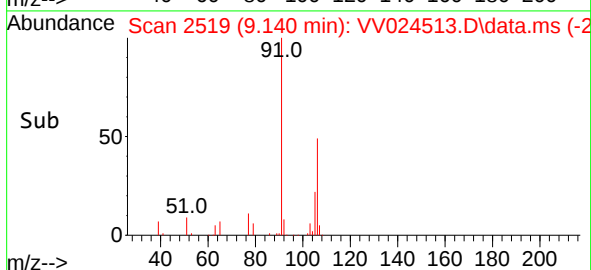
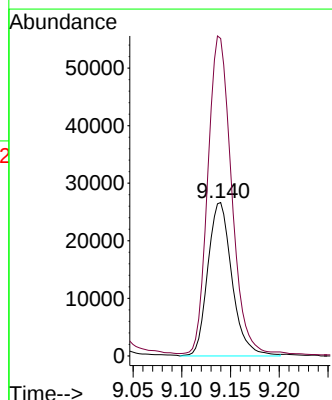
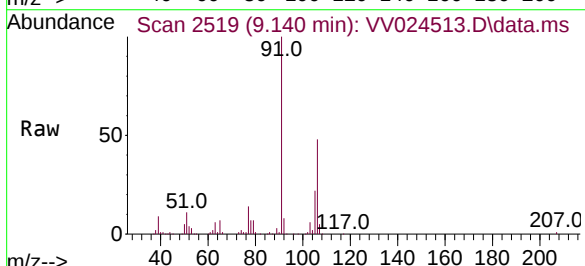
Acq: 02 Feb 2022 10:27

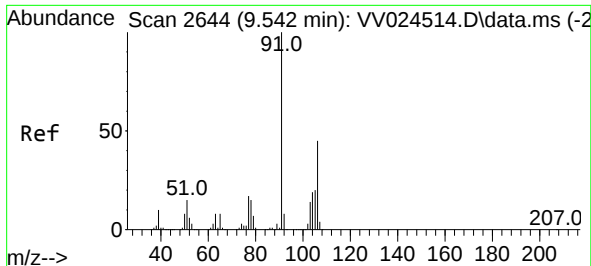
Tgt Ion: 106 Resp: 45988

Ion Ratio Lower Upper

106 100

91 206.8 144.6 268.6

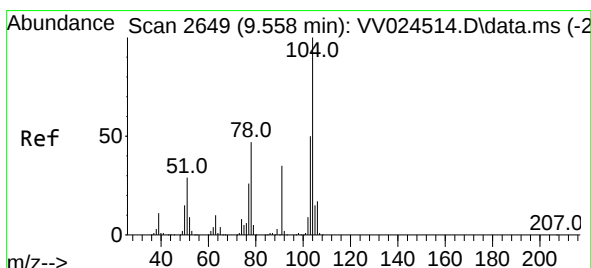
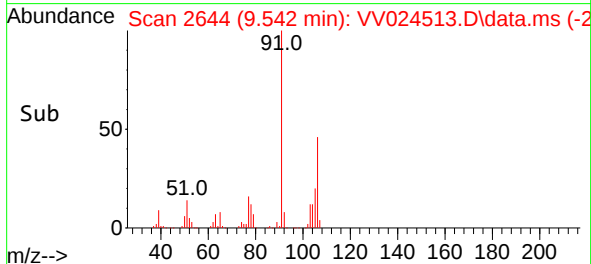
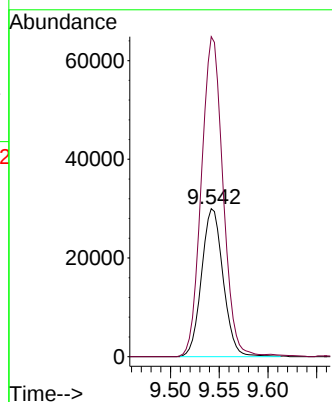
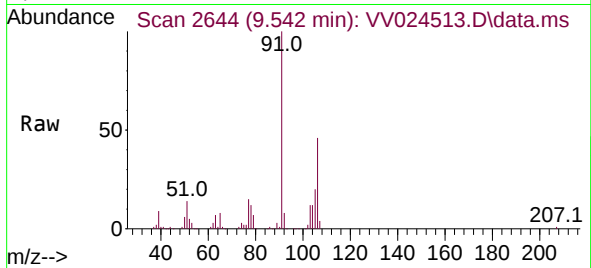




#54
o-Xylene
Concen: 11.245 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

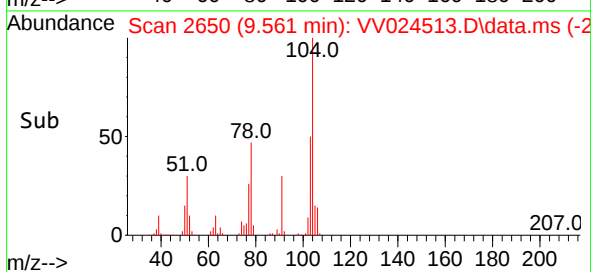
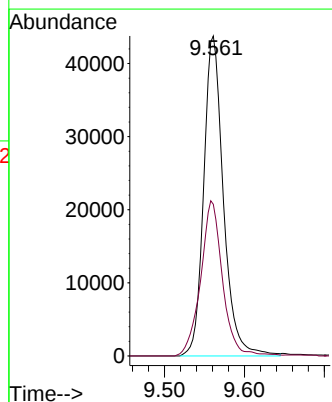
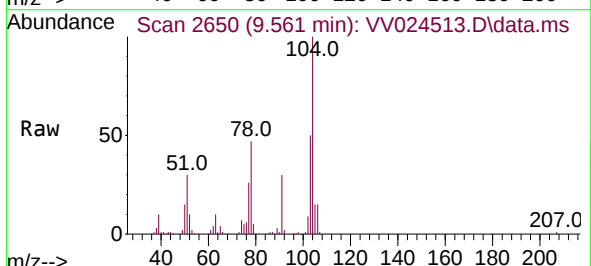
Instrument :
MSVOA_V
ClientSampleId :

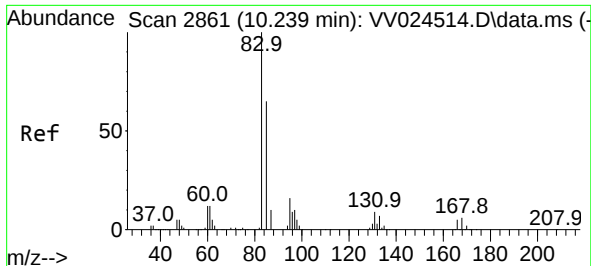
Tgt Ion:106 Resp: 46321
Ion Ratio Lower Upper
106 100
91 216.2 155.4 288.6



#55
Styrene
Concen: 10.590 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion:104 Resp: 75176
Ion Ratio Lower Upper
104 100
78 47.4 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 10.157 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024513.D

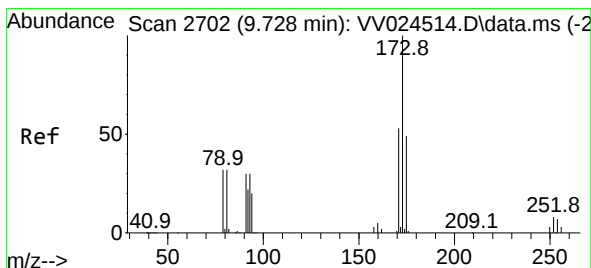
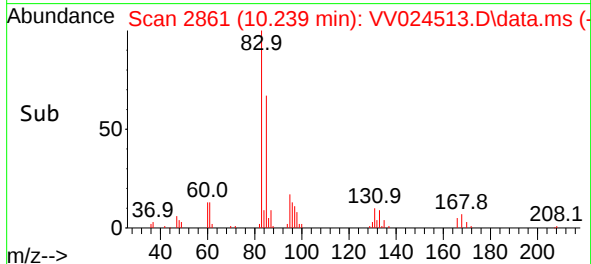
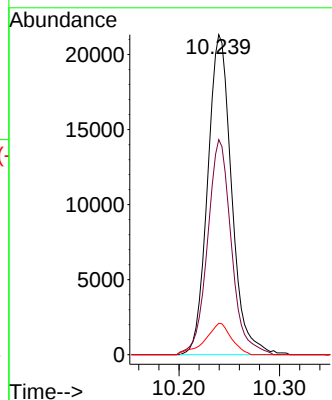
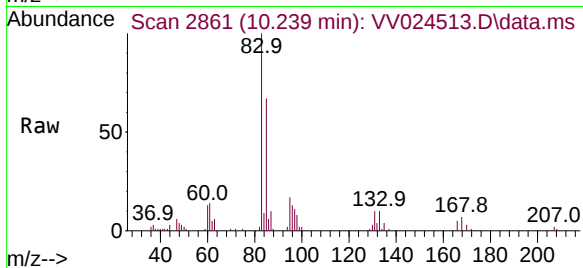
Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	35291
Ion	Ratio	Lower	Upper
83	100		
85	67.2	45.6	84.6
131	9.8	7.1	10.7



#59

Bromoform

Concen: 8.483 ug/L

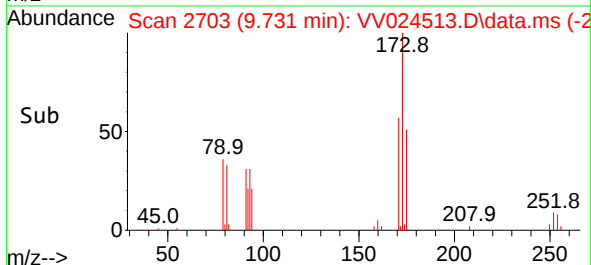
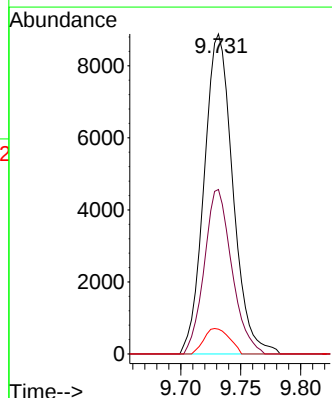
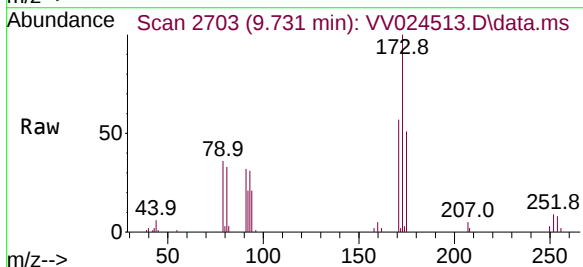
RT: 9.731 min Scan# 2703

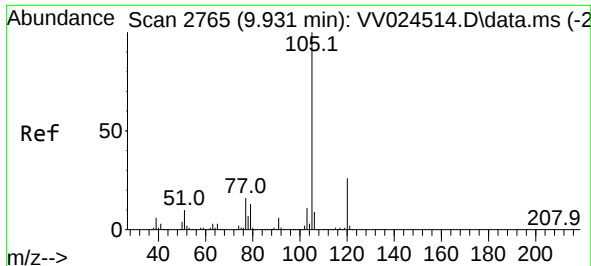
Delta R.T. 0.003 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Tgt Ion:	173	Resp:	14794
Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.6	57.8
254	7.0	5.8	8.8

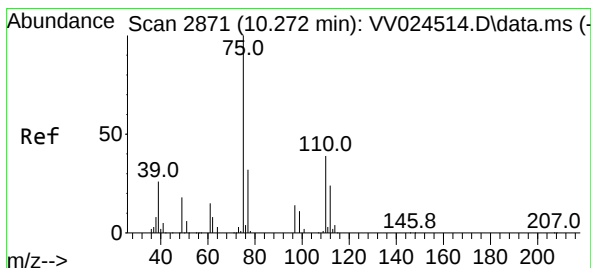
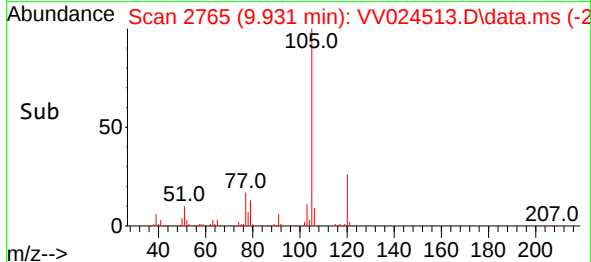
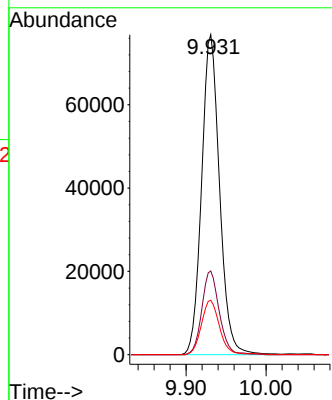
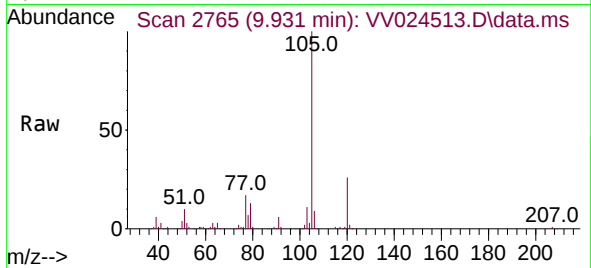




#60
Isopropylbenzene
Concen: 13.155 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

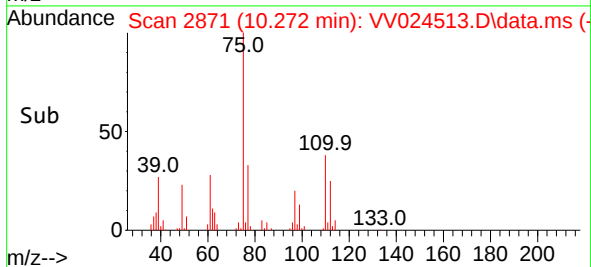
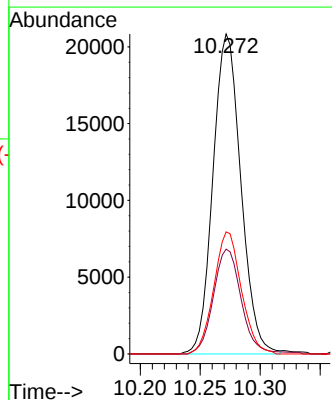
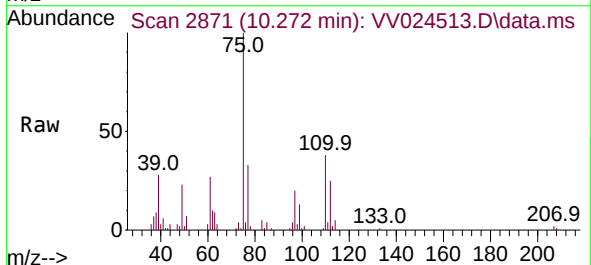
Instrument :
MSVOA_V
ClientSampleId :

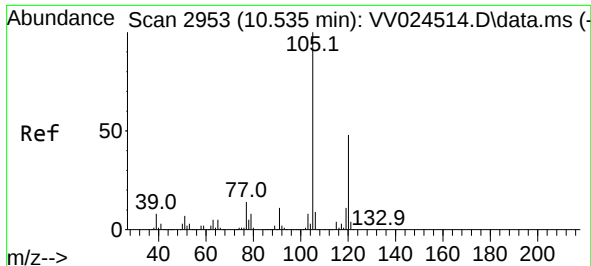
Tgt Ion:105 Resp: 120152
Ion Ratio Lower Upper
105 100
120 25.4 20.4 30.6
77 17.0 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 13.494 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 75 Resp: 33652
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
110 37.7 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 12.900 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

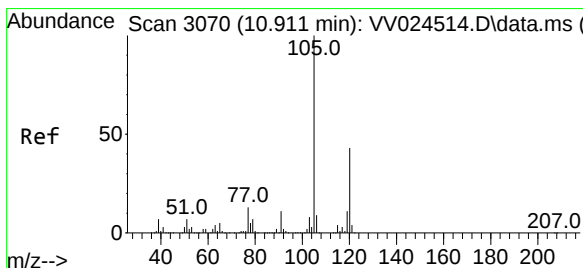
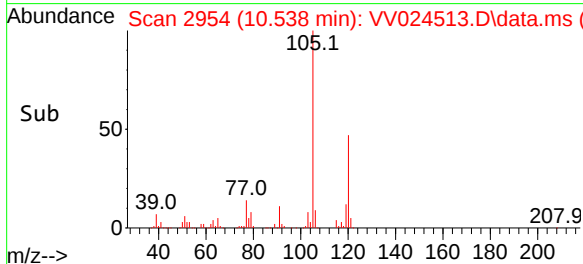
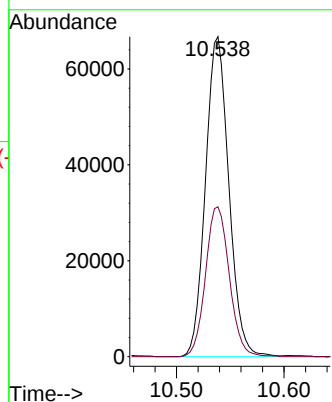
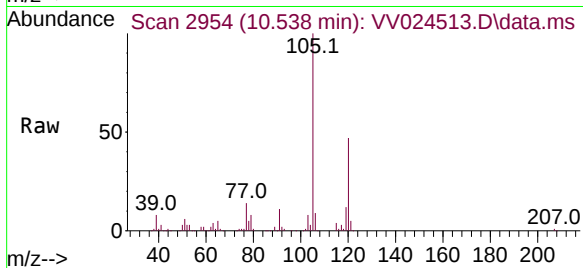
ClientSampleId :

Tgt Ion:105 Resp: 101018

Ion Ratio Lower Upper

105 100

120 47.7 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 13.067 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024513.D

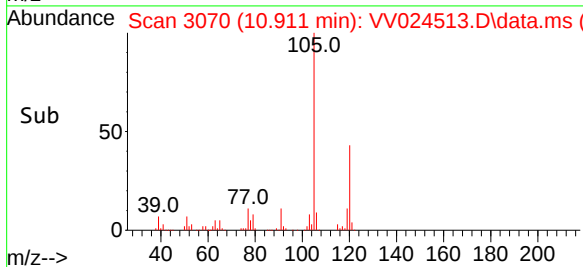
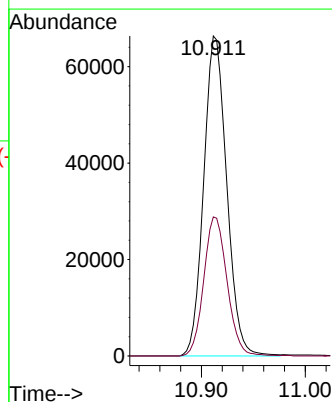
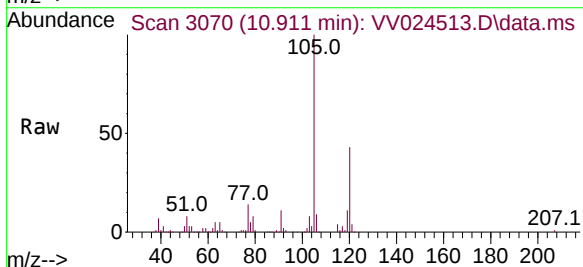
Acq: 02 Feb 2022 10:27

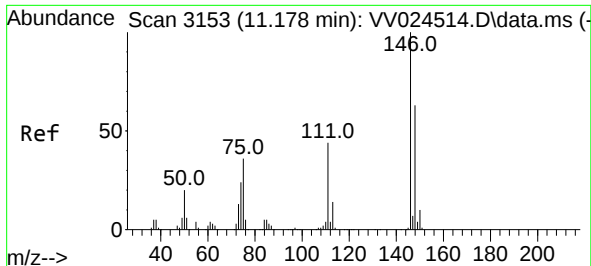
Tgt Ion:105 Resp: 102137

Ion Ratio Lower Upper

105 100

120 44.0 34.9 52.3

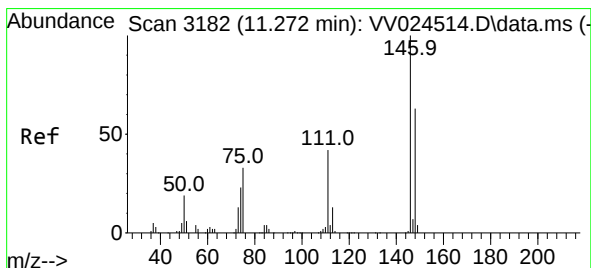
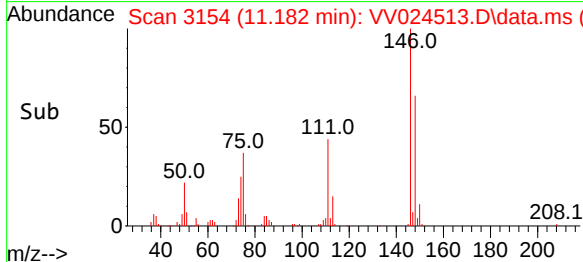
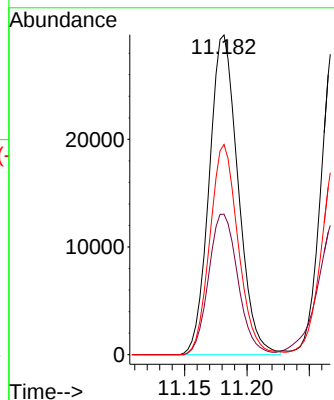
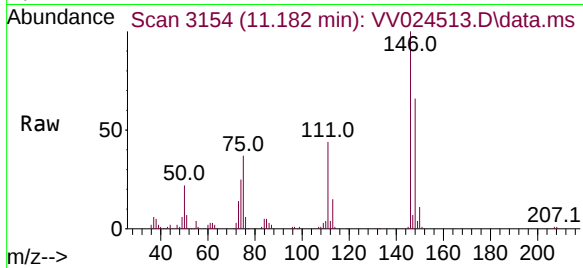




#64
1,3-Dichlorobenzene
Concen: 10.669 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

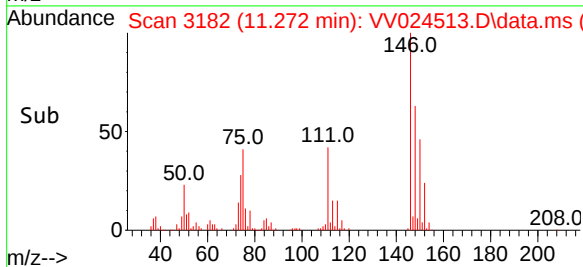
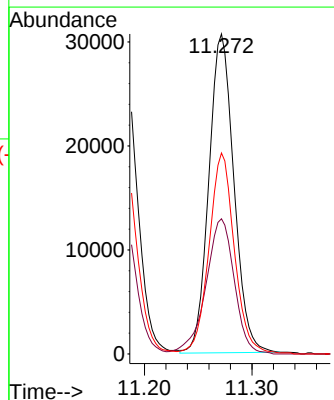
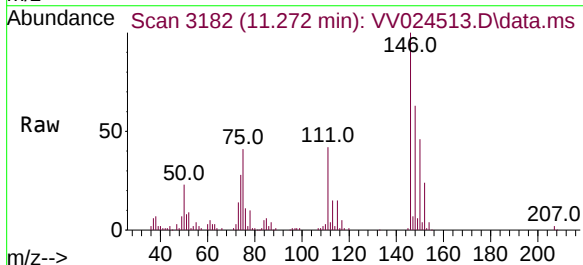
Instrument :
MSVOA_V
ClientSampleId :

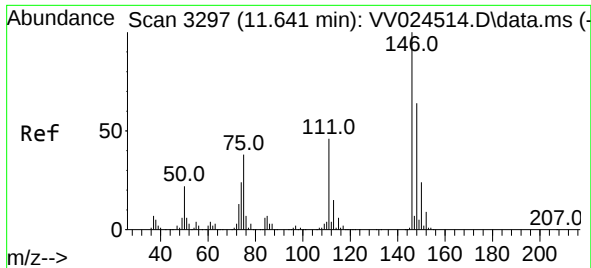
Tgt Ion:146 Resp: 47901
Ion Ratio Lower Upper
146 100
111 44.0 31.0 57.6
148 65.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 10.739 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion:146 Resp: 49545
Ion Ratio Lower Upper
146 100
111 42.3 29.7 55.1
148 62.8 44.2 82.2

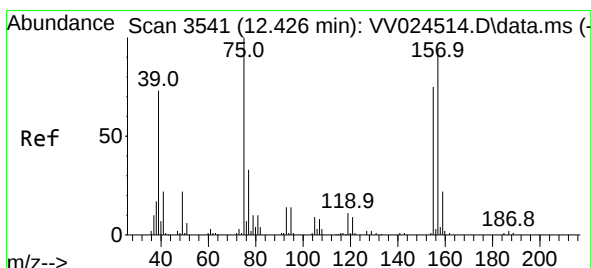
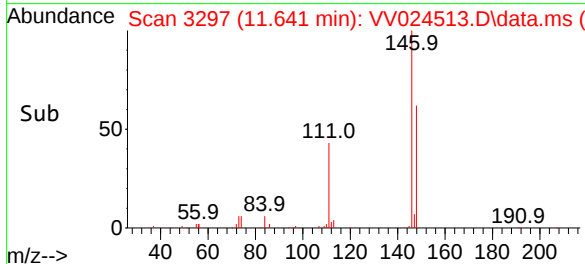
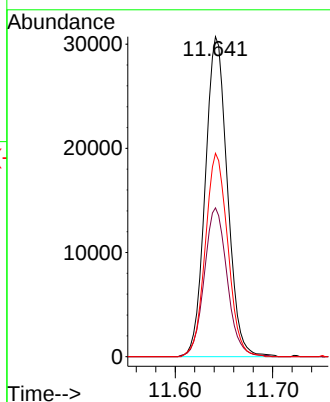
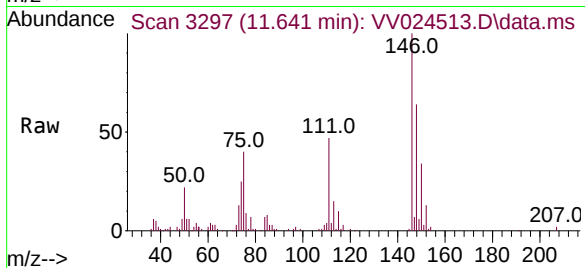




#67
1,2-Dichlorobenzene
Concen: 10.536 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

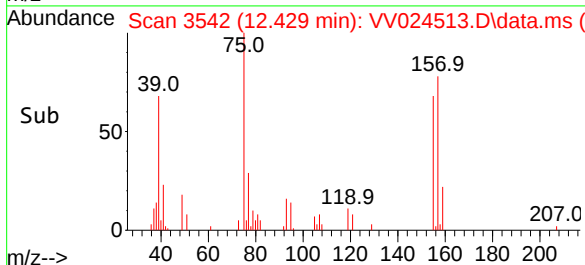
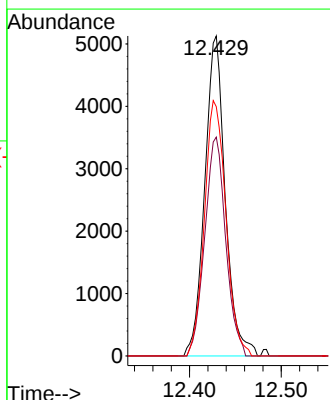
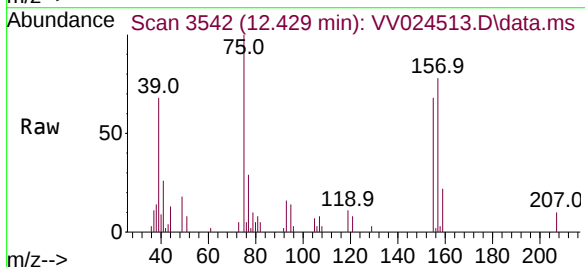
Instrument :
MSVOA_V
ClientSampleId :

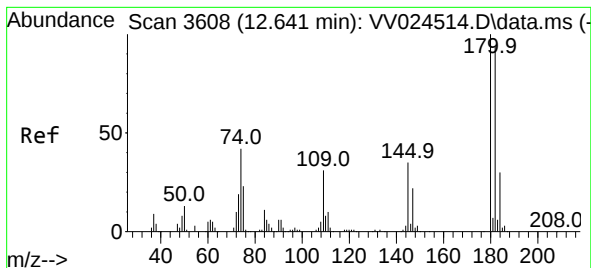
Tgt Ion:146 Resp: 48487
Ion Ratio Lower Upper
146 100
111 46.5 37.0 55.6
148 63.5 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 11.431 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV024513.D
Acq: 02 Feb 2022 10:27

Tgt Ion: 75 Resp: 7993
Ion Ratio Lower Upper
75 100
155 68.4 60.2 90.4
157 77.9 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 9.450 ug/L

RT: 12.645 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 31649

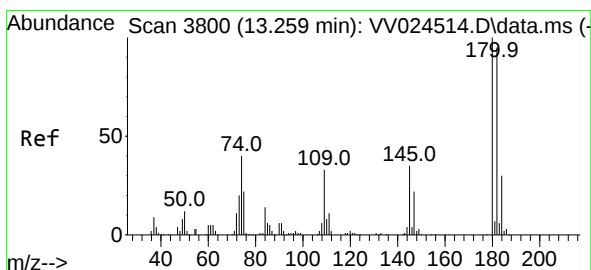
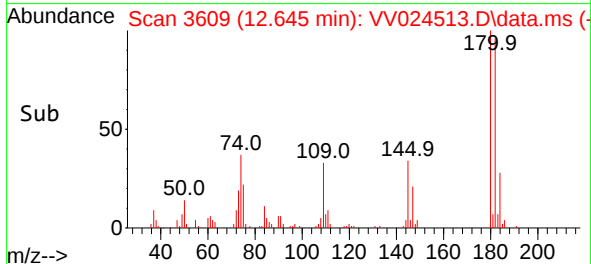
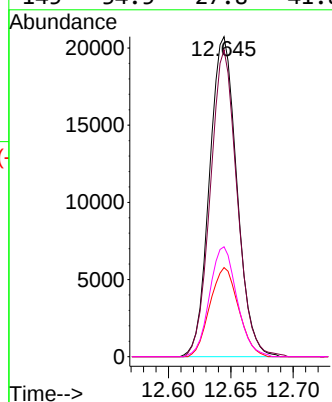
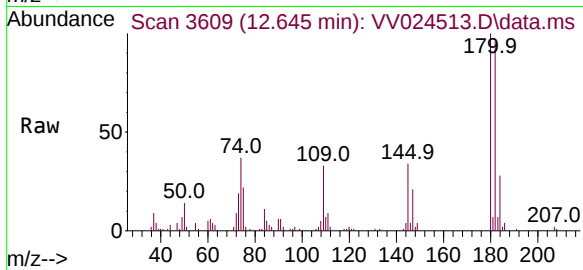
Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.8

184 29.1 23.8 35.8

145 34.5 27.8 41.8



#70

1,2,4-trichlorobenzene

Concen: 9.558 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

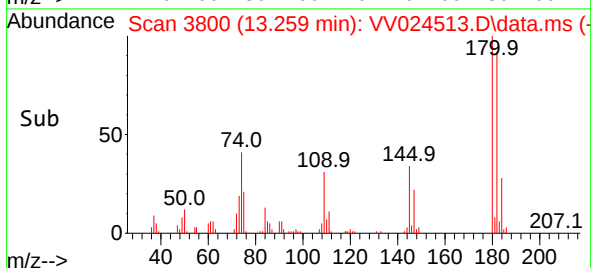
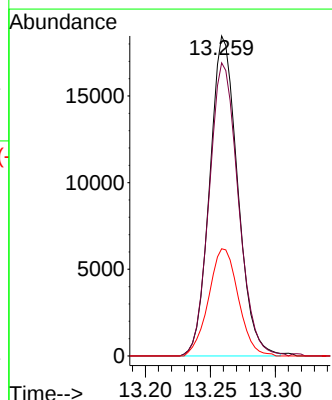
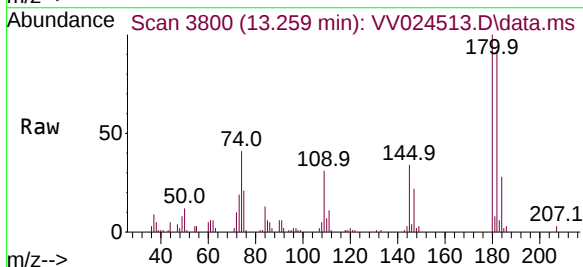
Tgt Ion:180 Resp: 27584

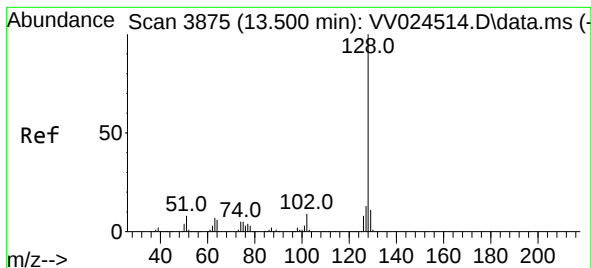
Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

145 35.7 28.5 42.7





#71

Naphthalene

Concen: 11.523 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Instrument :

MSVOA_V

ClientSampleId :

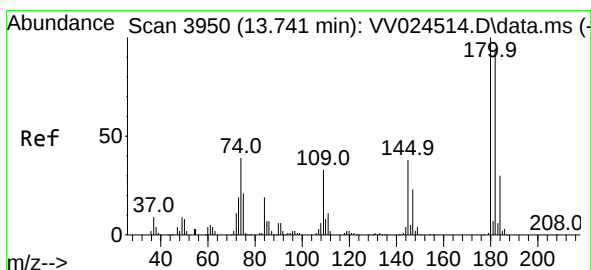
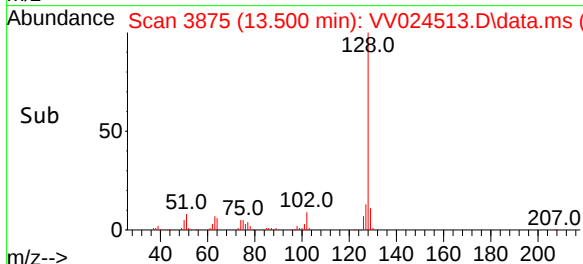
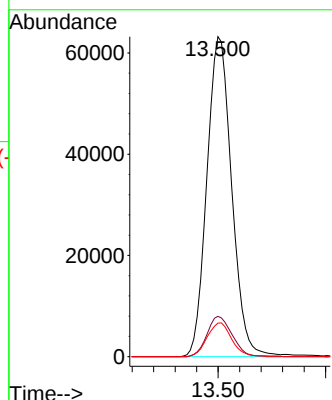
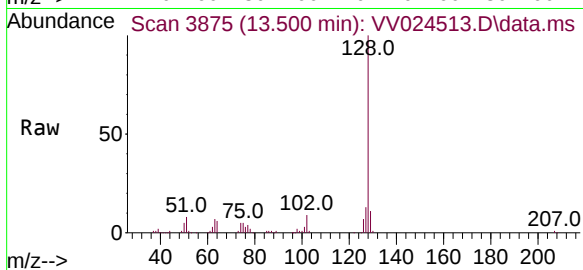
Tgt Ion:128 Resp: 101233

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.5 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 9.132 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV024513.D

Acq: 02 Feb 2022 10:27

Tgt Ion:180 Resp: 26891

Ion Ratio Lower Upper

180 100

182 92.6 75.4 113.2

145 37.4 30.1 45.1

