

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024514.D
 Acq On : 02 Feb 2022 10:50
 Operator : SY/MD
 Sample : VSTD05003
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 05:22:25 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	392690	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	357659	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	167259	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	136003	48.818	ug/L	0.00
7) Chloroethane-d5	1.571	69	116615	53.895	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	271237	51.316	ug/L	0.00
21) 2-Butanone-d5	3.889	46	190126	116.998	ug/L	0.00
24) Chloroform-d	4.349	84	253047	49.683	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	160992	47.671	ug/L	0.00
32) Benzene-d6	5.050	84	503964	53.541	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	159990	58.857	ug/L	0.00
41) Toluene-d8	7.313	98	458188	51.210	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	84760	55.487	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	145216	122.687	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	193221	51.828	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	153413	46.654	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	144176	46.864	ug/L	100
3) Chloromethane	1.243	50	145490	53.942	ug/L	100
5) Vinyl chloride	1.314	62	154449	54.315	ug/L	100
6) Bromomethane	1.526	94	93121	56.766	ug/L	100
8) Chloroethane	1.587	64	103628	58.429	ug/L	100
9) Trichlorofluoromethane	1.754	101	232195	47.048	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	120388	49.318	ug/L	100
12) 1,1-Dichloroethene	2.121	96	116836	49.670	ug/L	100
13) Acetone	2.185	43	197159	121.316	ug/L	100
14) Carbon disulfide	2.294	76	325979	47.927	ug/L	100
15) Methyl Acetate	2.436	43	134652	57.853	ug/L	100
16) Methylene chloride	2.507	84	128483	49.739	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	119981	49.447	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	423439	55.291	ug/L	100
19) 1,1-Dichloroethane	3.191	63	231552	55.873	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	136032	52.010	ug/L	100
22) 2-Butanone	3.973	43	234925	133.357	ug/L	100
23) Bromochloromethane	4.249	128	65550	45.147	ug/L	100
25) Chloroform	4.375	83	243148	51.388	ug/L	100
27) 1,2-Dichloroethane	5.130	62	190820	49.922	ug/L	100
29) Cyclohexane	4.677	56	211051	63.014	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	218703	50.223	ug/L	100
31) Carbon tetrachloride	4.828	117	181384	45.928	ug/L	100
33) Benzene	5.098	78	514446	55.989	ug/L	100
34) Trichloroethene	5.912	95	147580	57.402	ug/L	100
35) Methylcyclohexane	6.130	83	216697	57.284	ug/L	100
37) 1,2-Dichloropropane	6.172	63	137349	61.265	ug/L	100
38) Bromodichloromethane	6.510	83	192282	56.309	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	230105	61.278	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	402526	134.680	ug/L	100
42) Toluene	7.387	91	559234	54.613	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	220993	59.080	ug/L	100

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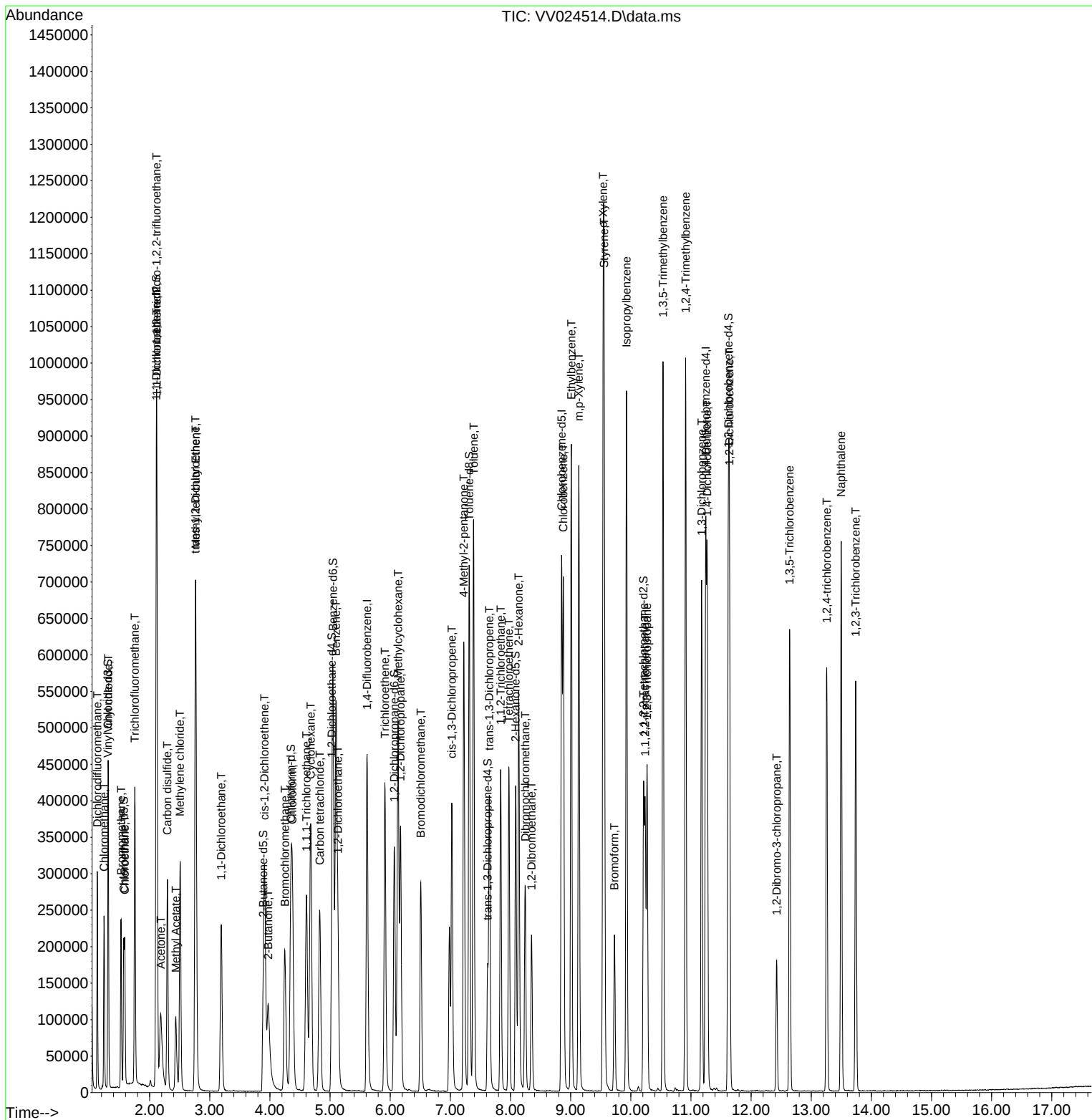
Instrument :
 MSVOA_V
 ClientSampleId :

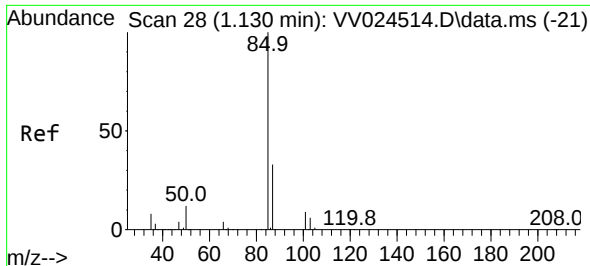
Quant Time: Feb 03 05:22:25 2022
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 QLast Update : Thu Feb 03 05:20:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	129106	53.612	ug/L	100
46) Tetrachloroethene	7.973	164	87078	40.529	ug/L	100
48) 2-Hexanone	8.137	43	346006	142.322	ug/L	100
49) Dibromochloromethane	8.246	129	138622	47.410	ug/L	100
50) 1,2-Dibromoethane	8.349	107	137994	53.528	ug/L	100
51) Chlorobenzene	8.879	112	344668	50.568	ug/L	100
52) Ethylbenzene	9.011	91	613985	55.688	ug/L	100
53) m,p-Xylene	9.137	106	229625	52.821	ug/L	100
54) o-Xylene	9.542	106	229048	54.850	ug/L	100
55) Styrene	9.558	104	391537	54.406	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	188917	53.631	ug/L	100
59) Bromoform	9.728	173	85085	45.970	ug/L	100
60) Isopropylbenzene	9.931	105	606385	62.557	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	172478	65.169	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	517388	62.257	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	520432	62.736	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	250345	52.540	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	248235	50.699	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	245025	50.168	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	45493	61.306	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	162803	45.806	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	146545	47.848	ug/L	100
71) Naphthalene	13.500	128	554839	59.509	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	144505	46.240	ug/L	100

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

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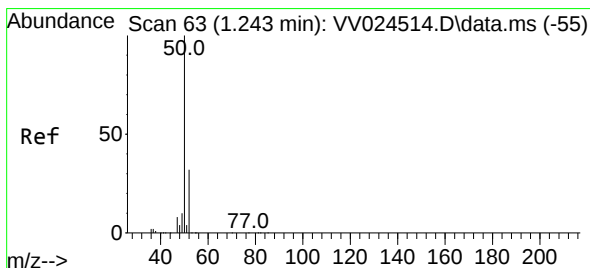
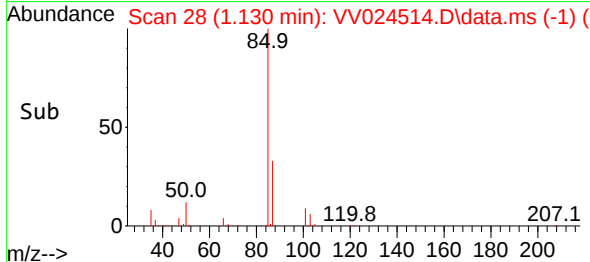
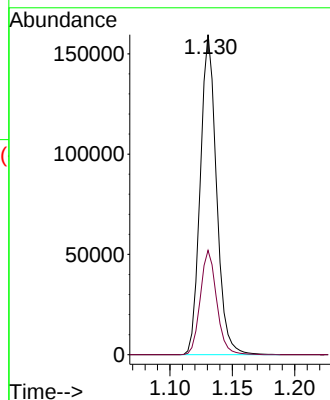
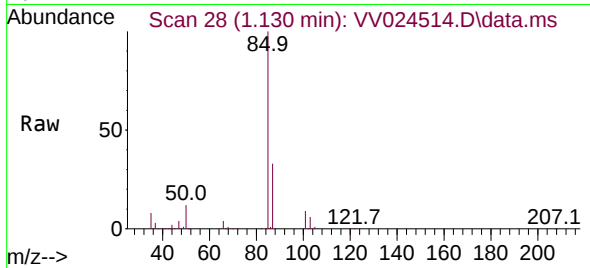




#2
 Dichlorodifluoromethane
 Concen: 46.864 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024514.D
 Acq: 02 Feb 2022 10:50

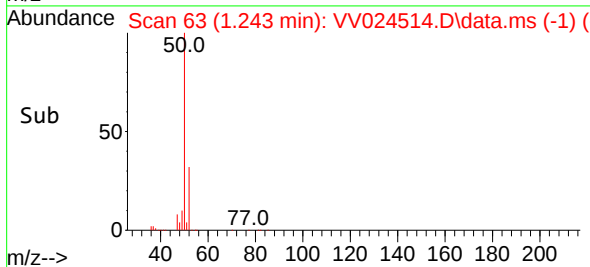
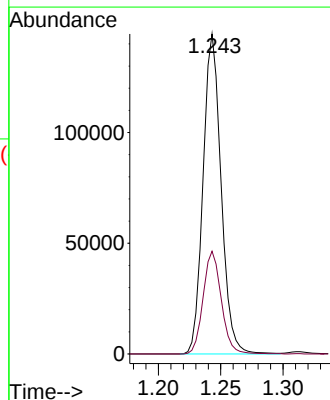
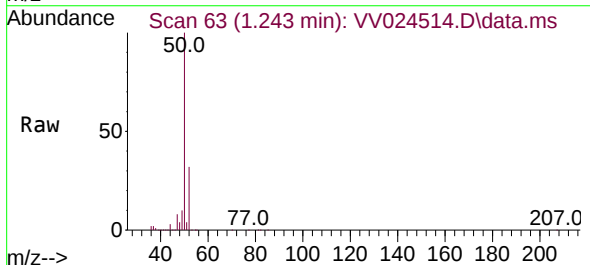
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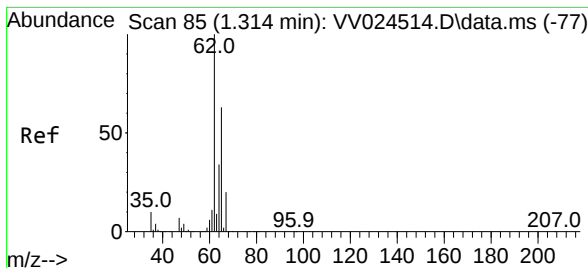
Tgt Ion: 85 Resp: 144176
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 53.942 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024514.D
 Acq: 02 Feb 2022 10:50

Tgt Ion: 50 Resp: 145490
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.5 41.7





#5

Vinyl chloride

Concen: 54.315 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

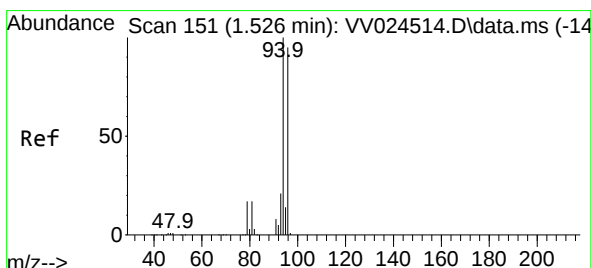
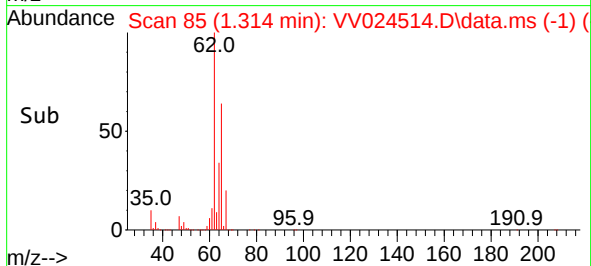
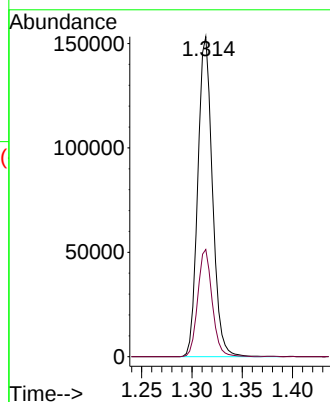
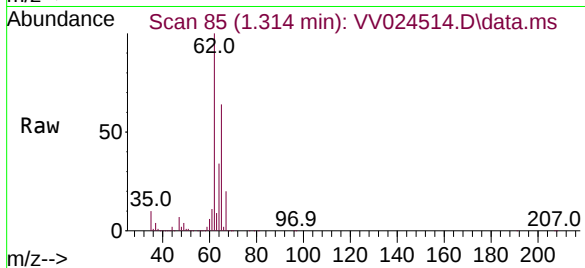
ClientSampleId :

Tgt Ion: 62 Resp: 154449

Ion Ratio Lower Upper

62 100

64 33.5 23.4 43.6



#6

Bromomethane

Concen: 56.766 ug/L

RT: 1.526 min Scan# 151

Delta R.T. 0.000 min

Lab File: VV024514.D

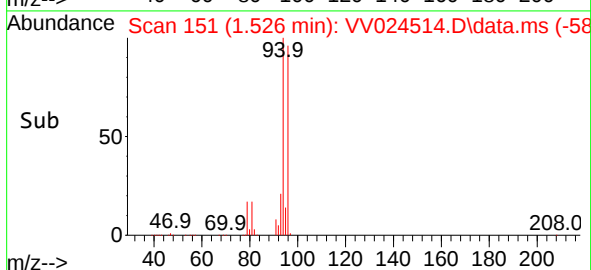
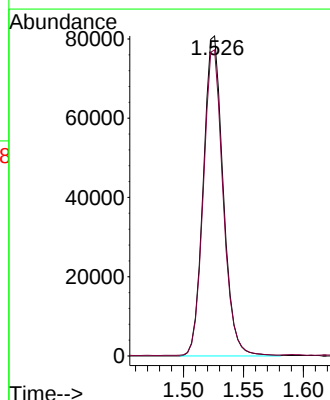
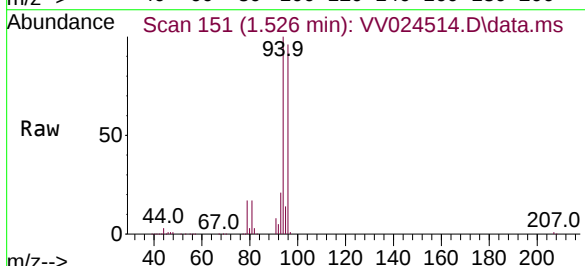
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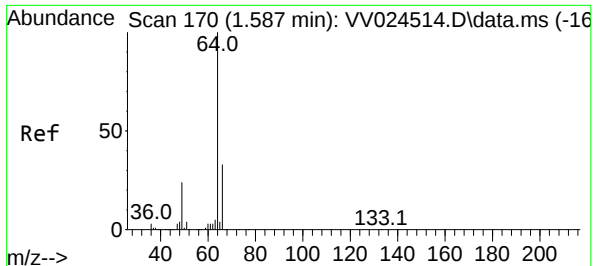
Tgt Ion: 94 Resp: 93121

Ion Ratio Lower Upper

94 100

96 95.7 67.0 124.4

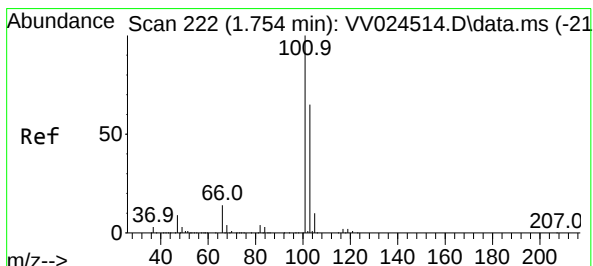
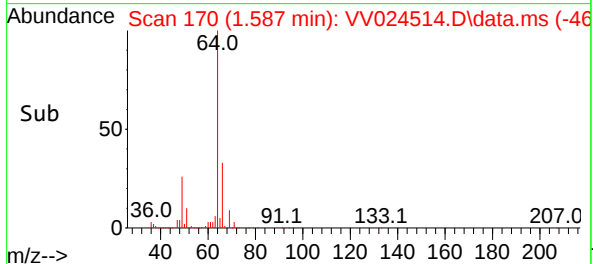
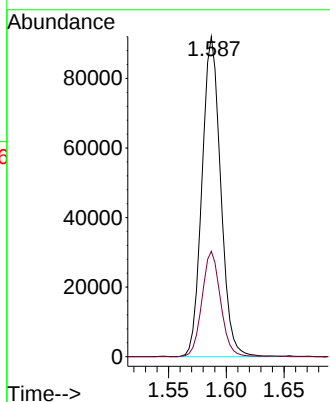
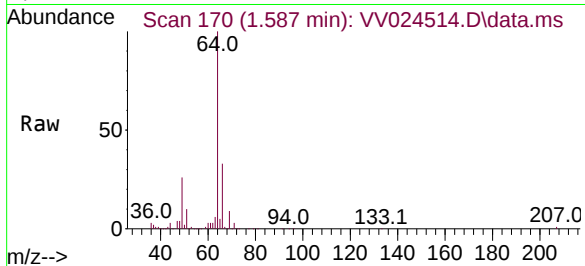




#8
Chloroethane
Concen: 58.429 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

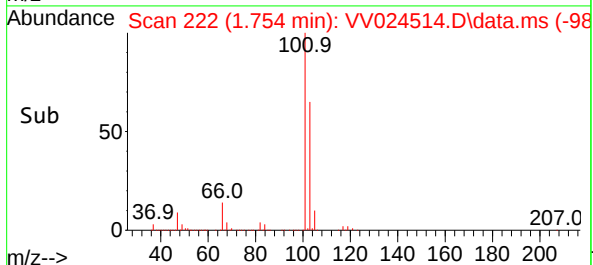
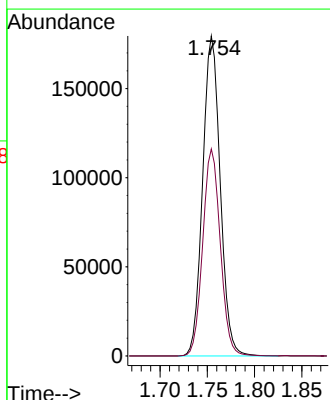
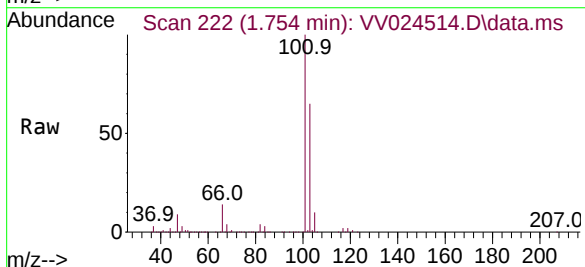
Instrument :
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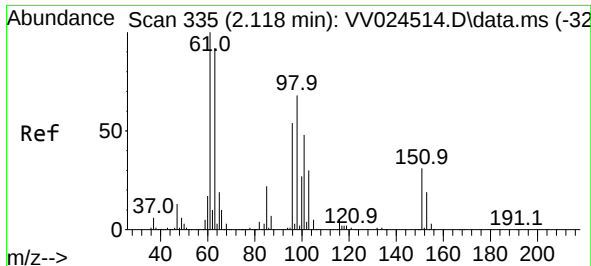
Tgt Ion: 64 Resp: 103628
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 47.048 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion:101 Resp: 232195
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

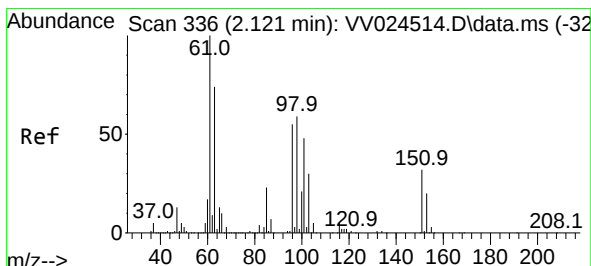
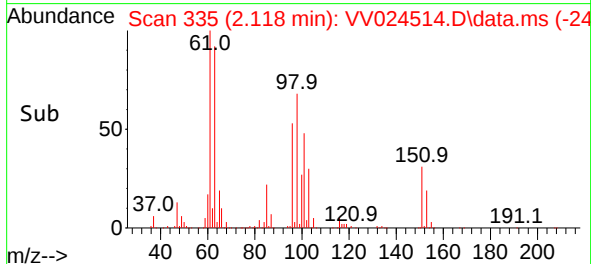
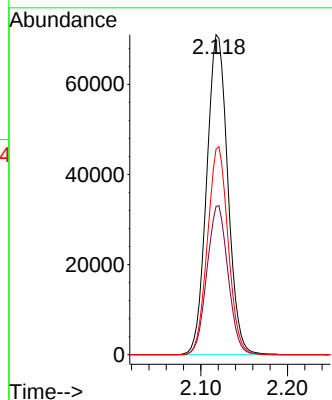
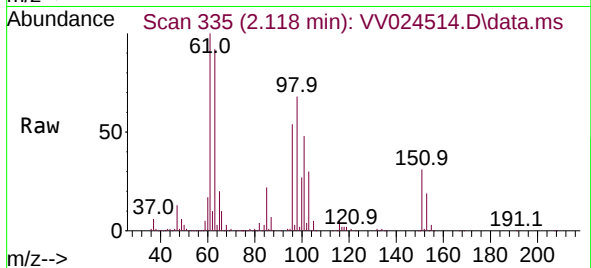




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.318 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

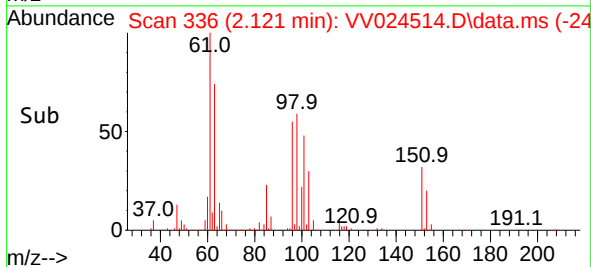
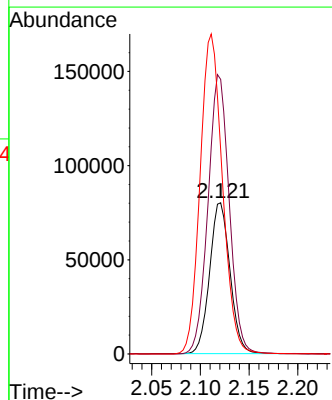
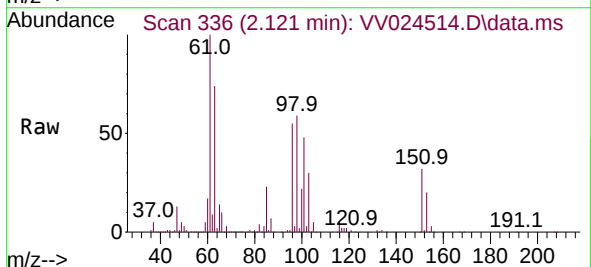
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ClientSampleId :

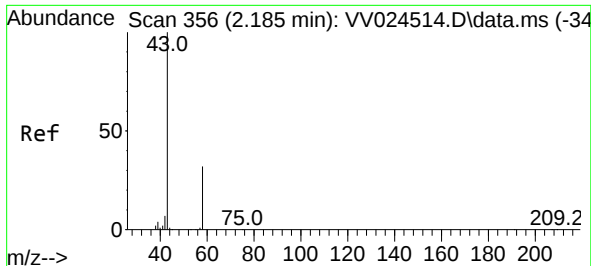
Tgt Ion:101 Resp: 120388
Ion Ratio Lower Upper
101 100
85 46.6 37.3 55.9
151 63.5 50.8 76.2



#12
1,1-Dichloroethene
Concen: 49.670 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion: 96 Resp: 116836
Ion Ratio Lower Upper
96 100
61 181.6 127.1 236.1
63 135.0 94.5 175.5





#13

Acetone

Concen: 121.316 ug/L

RT: 2.185 min Scan# 356

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

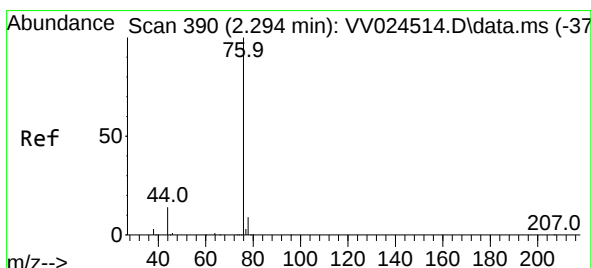
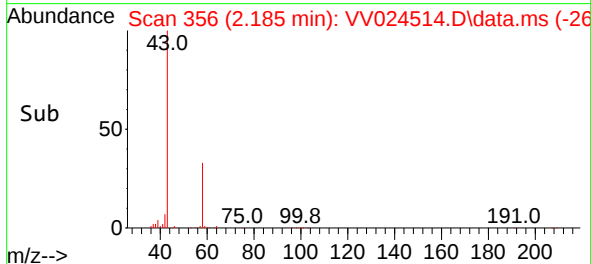
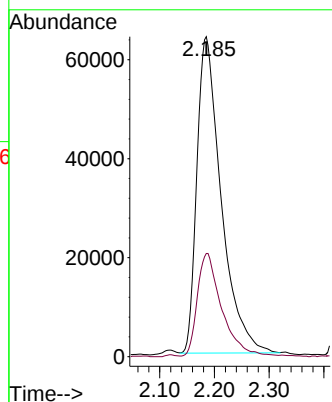
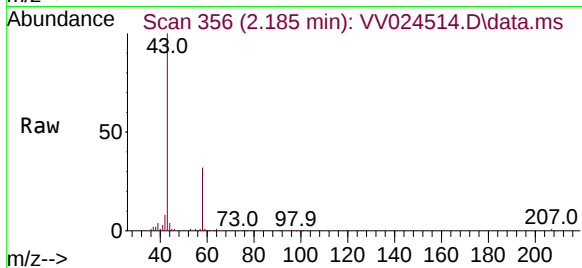
ClientSampleId :

Tgt Ion: 43 Resp: 197159

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.0



#14

Carbon disulfide

Concen: 47.927 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024514.D

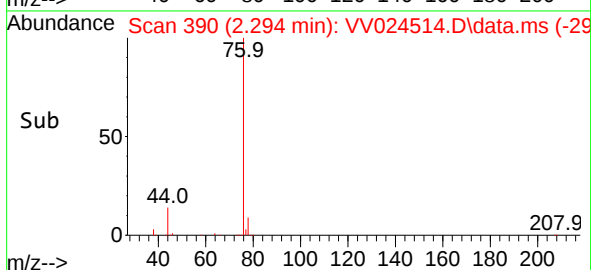
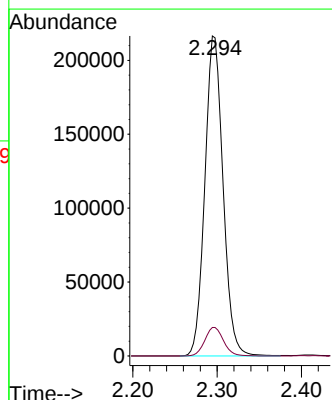
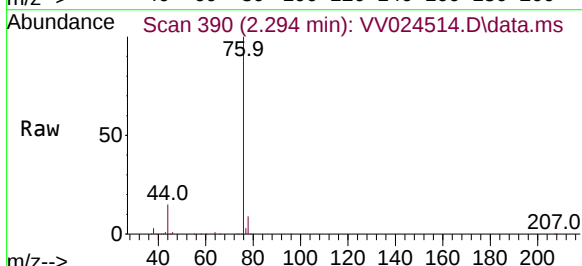
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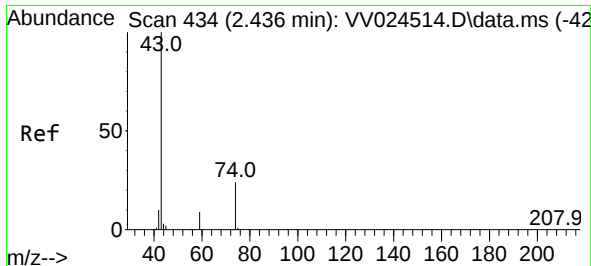
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Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

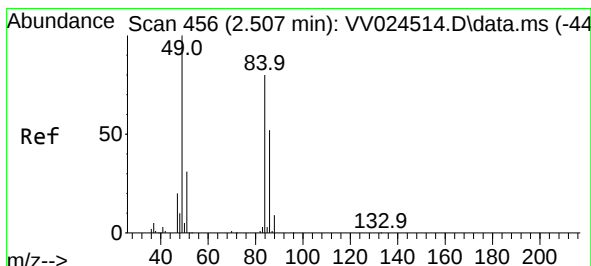
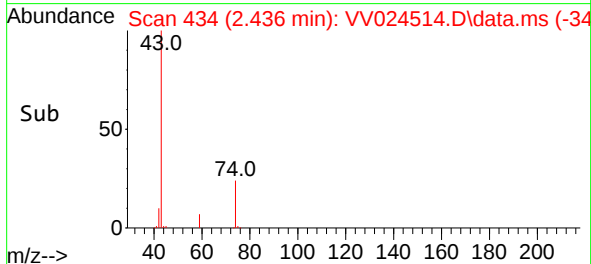
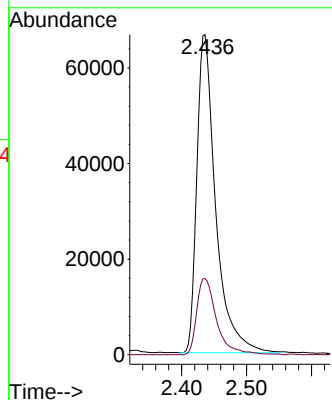
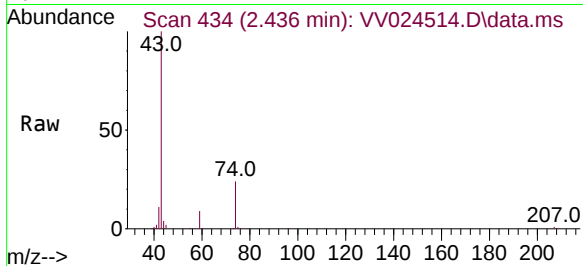




#15
Methyl Acetate
Concen: 57.853 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

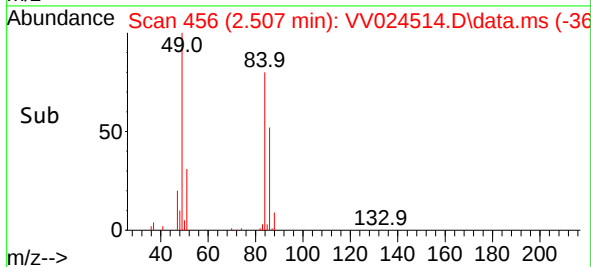
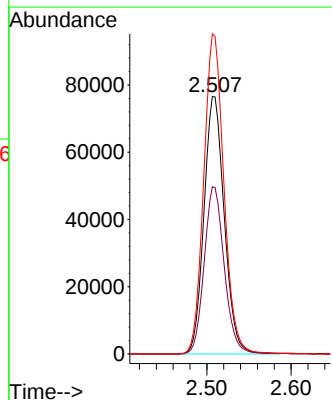
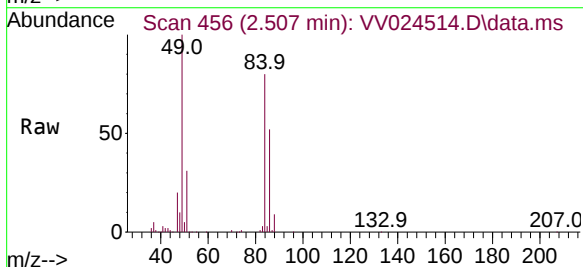
Instrument :
MSVOA_V
ClientSampleId :

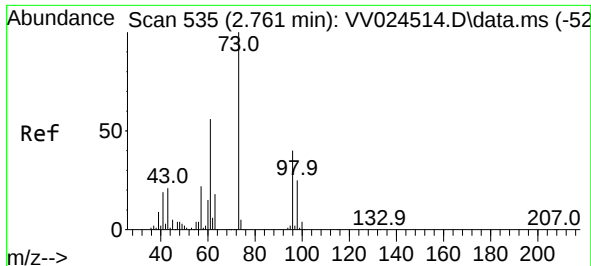
Tgt Ion: 43 Resp: 134652
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5



#16
Methylene chloride
Concen: 49.739 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion: 84 Resp: 128483
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 124.3 87.0 161.6

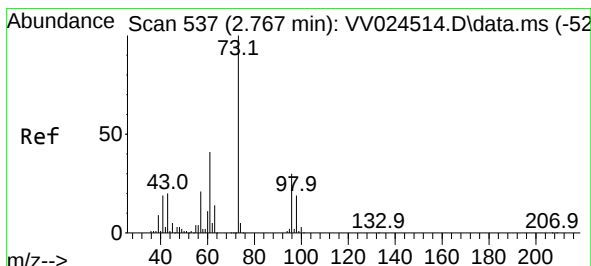
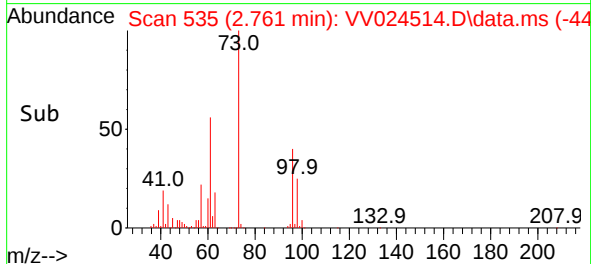
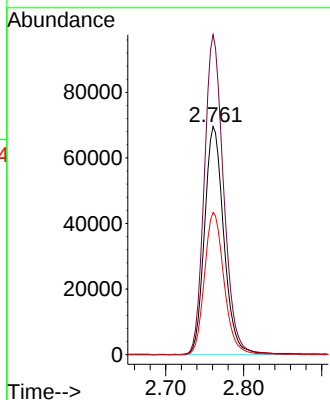
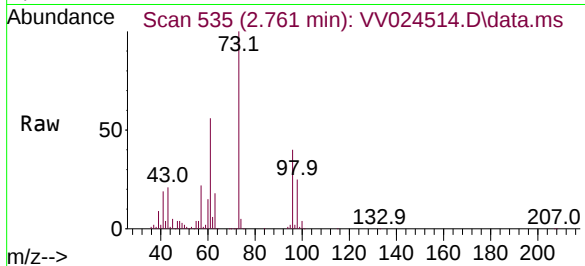




#17
trans-1,2-Dichloroethene
Concen: 49.447 ug/L
RT: 2.761 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

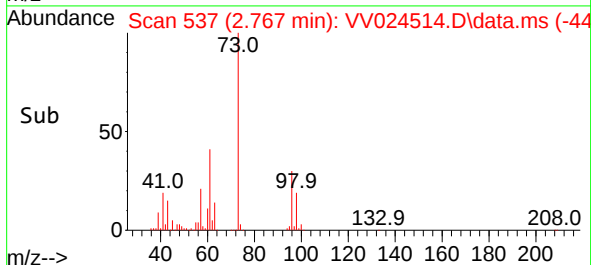
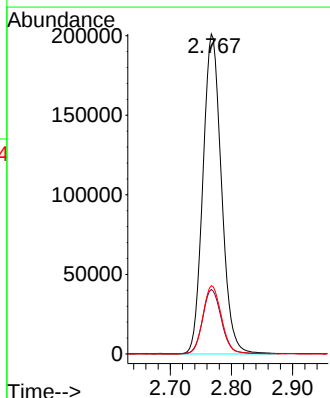
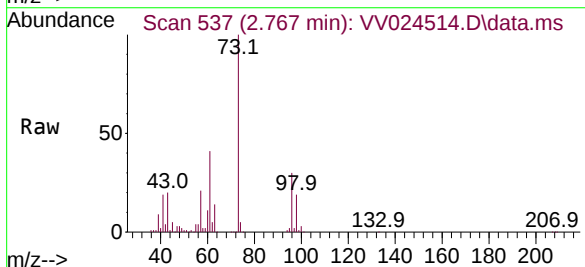
Instrument :
MSVOA_V
ClientSampleId :

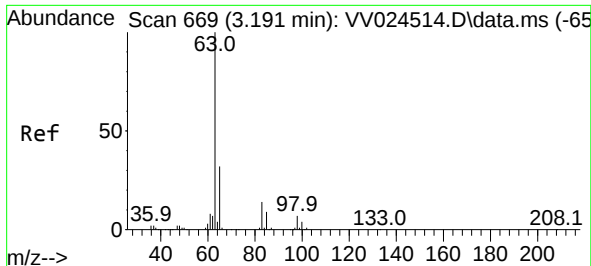
Tgt Ion: 96 Resp: 119981
Ion Ratio Lower Upper
96 100
61 140.3 98.2 182.4
98 62.4 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 55.291 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion: 73 Resp: 423439
Ion Ratio Lower Upper
73 100
43 20.0 16.0 24.0
57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 55.873 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

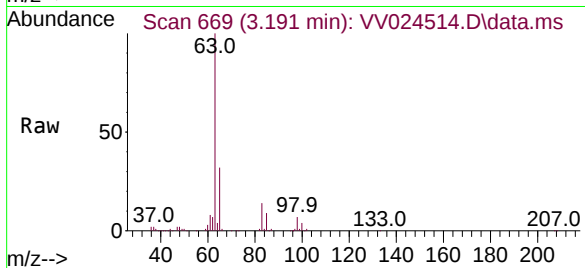
Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

ClientSampleId :



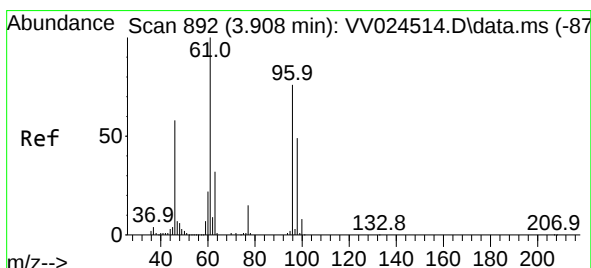
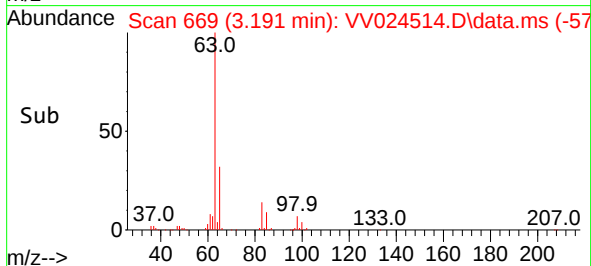
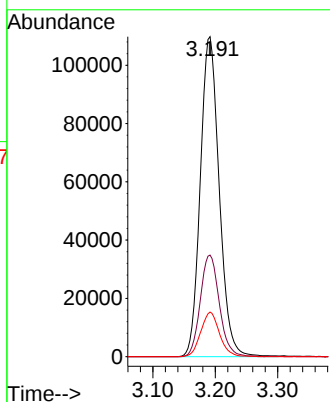
Tgt Ion: 63 Resp: 231552

Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 14.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 52.010 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

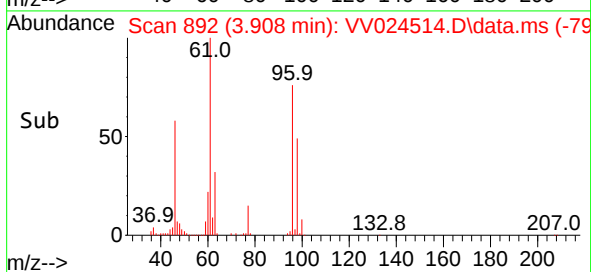
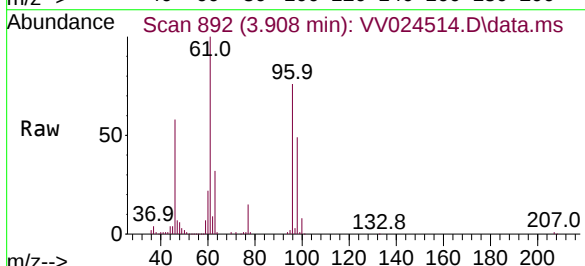
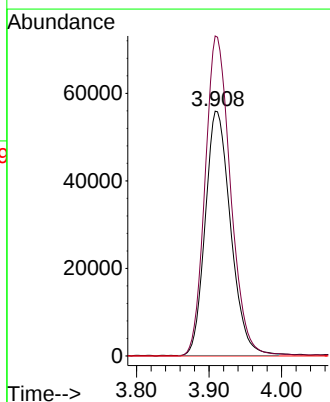
Tgt Ion: 96 Resp: 136032

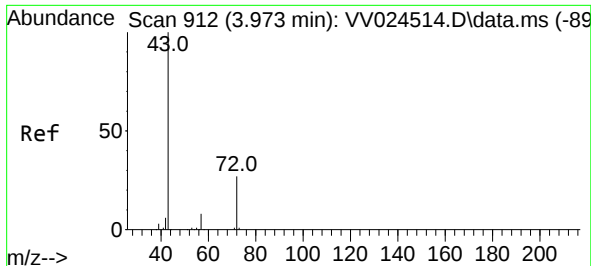
Ion Ratio Lower Upper

96 100

61 130.7 91.5 169.9

68 0.0 0.0 0.0

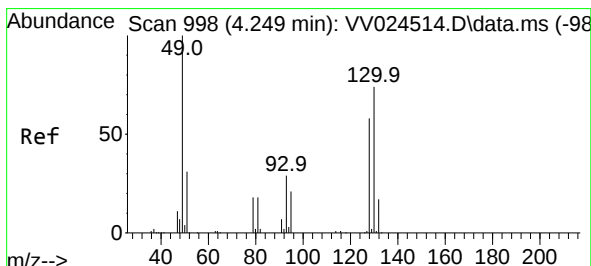
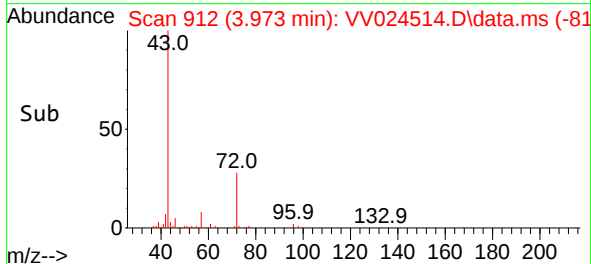
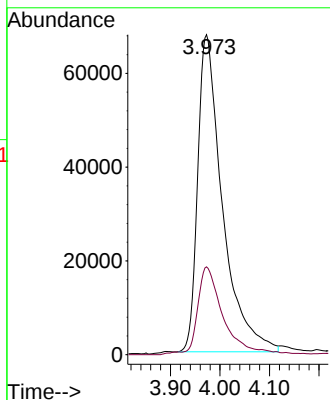
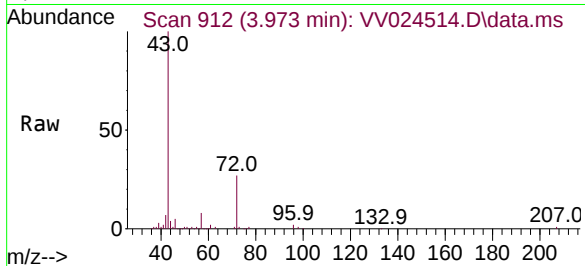




#22
2-Butanone
Concen: 133.357 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

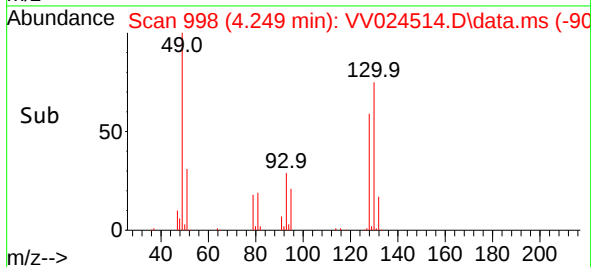
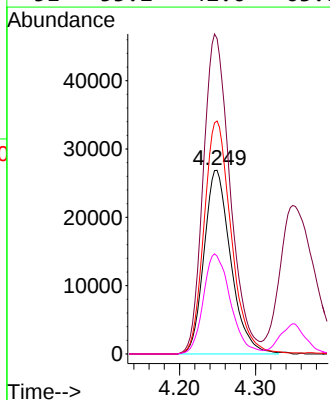
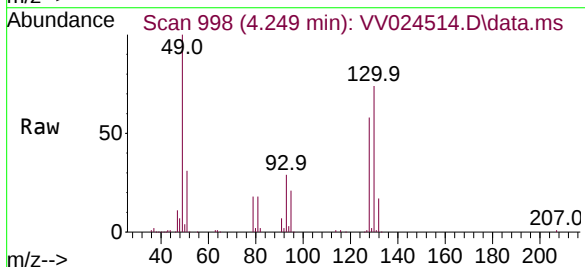
Instrument :
MSVOA_V
ClientSampleId :

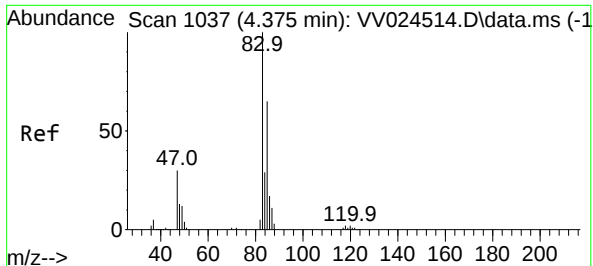
Tgt Ion: 43 Resp: 234925
Ion Ratio Lower Upper
43 100
72 25.8 12.9 38.7



#23
Bromochloromethane
Concen: 45.147 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion: 128 Resp: 65550
Ion Ratio Lower Upper
128 100
49 171.6 120.1 223.1
130 126.8 88.8 164.8
51 53.2 42.6 63.8





#25

Chloroform

Concen: 51.388 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

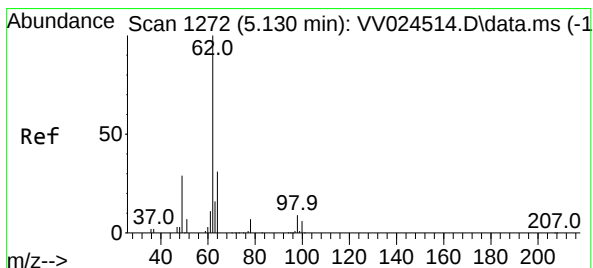
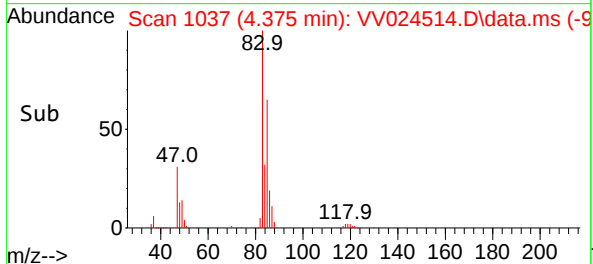
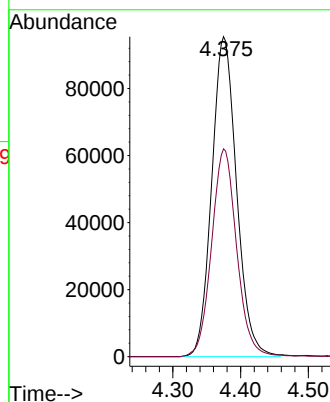
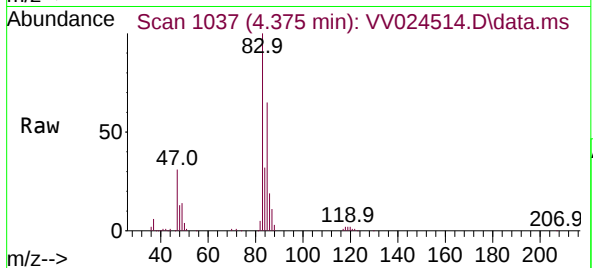
ClientSampleId :

Tgt Ion: 83 Resp: 243148

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 49.922 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV024514.D

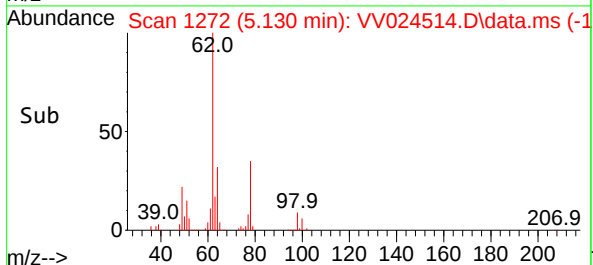
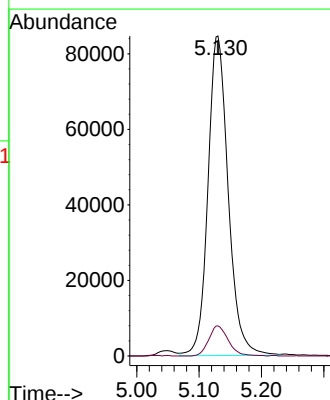
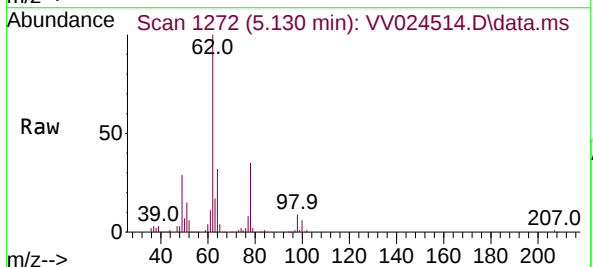
Acq: 02 Feb 2022 10:50

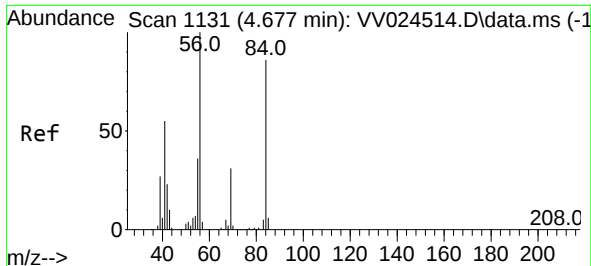
Tgt Ion: 62 Resp: 190820

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 63.014 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

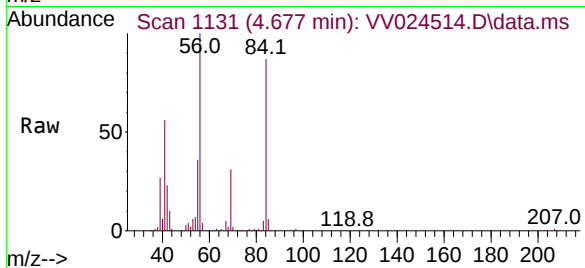
Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

ClientSampleId :



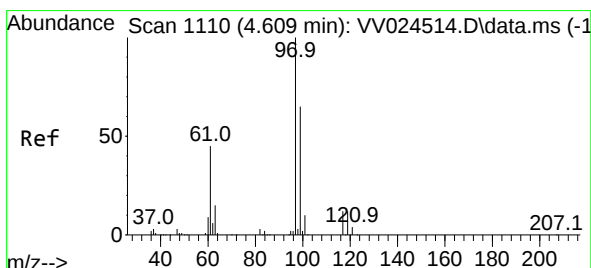
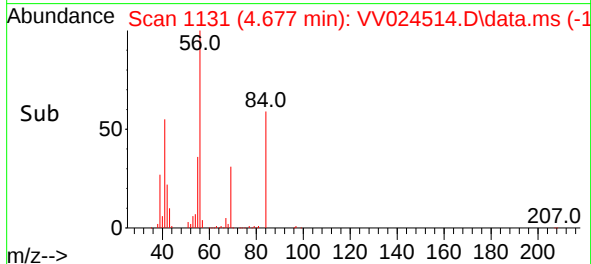
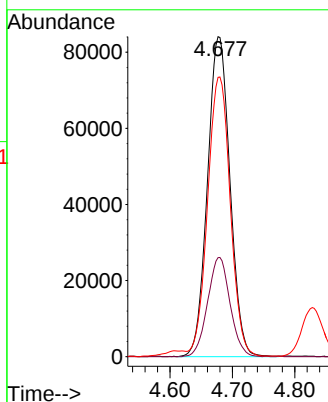
Tgt Ion: 56 Resp: 211051

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 87.8 70.2 105.4



#30

1,1,1-Trichloroethane

Concen: 50.223 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

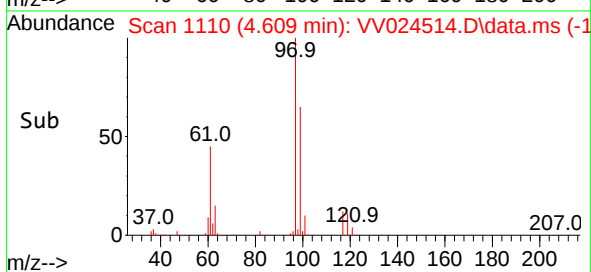
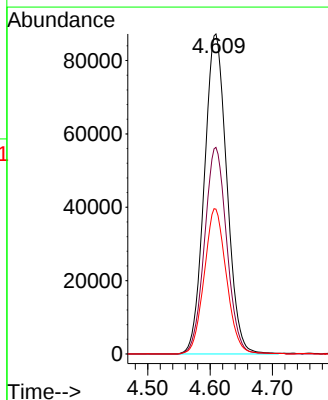
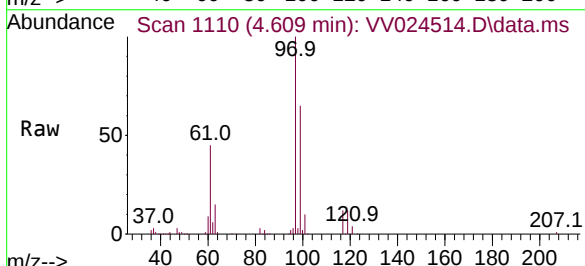
Tgt Ion: 97 Resp: 218703

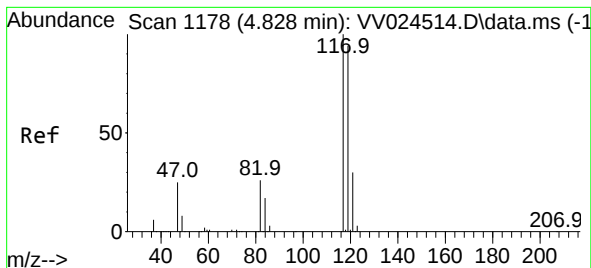
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 44.9 35.9 53.9





#31

Carbon tetrachloride

Concen: 45.928 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

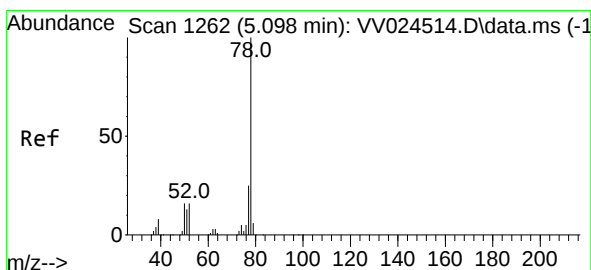
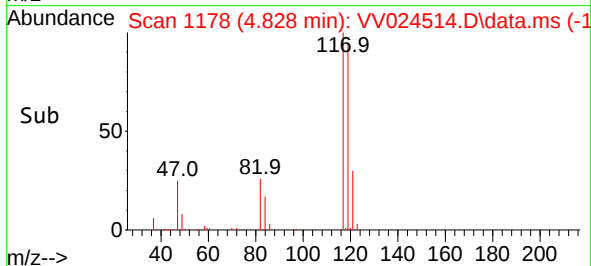
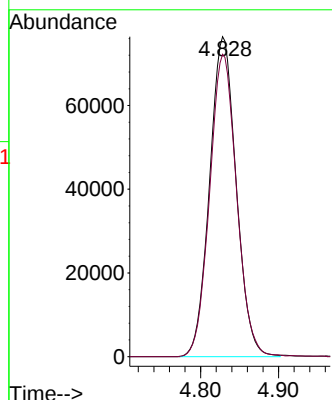
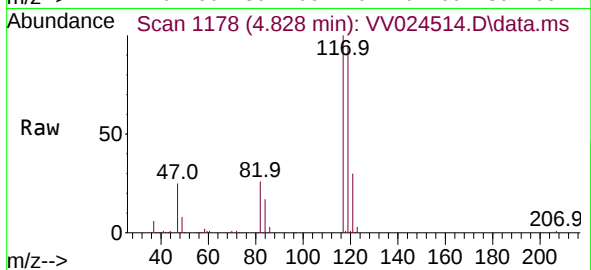
ClientSampleId :

Tgt Ion:117 Resp: 181384

Ion Ratio Lower Upper

117 100

119 95.9 76.7 115.1



#33

Benzene

Concen: 55.989 ug/L

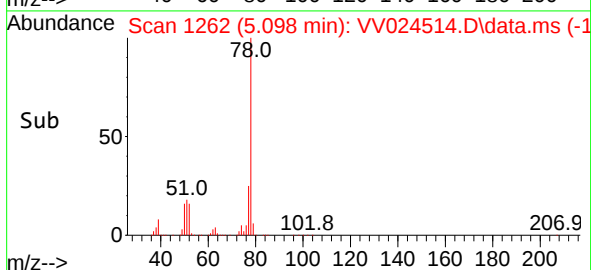
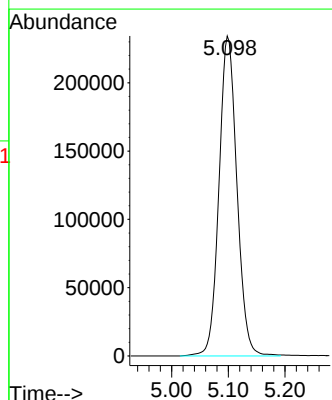
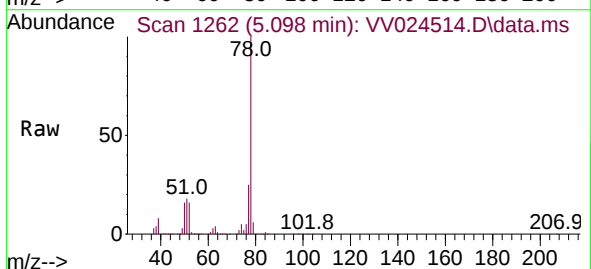
RT: 5.098 min Scan# 1262

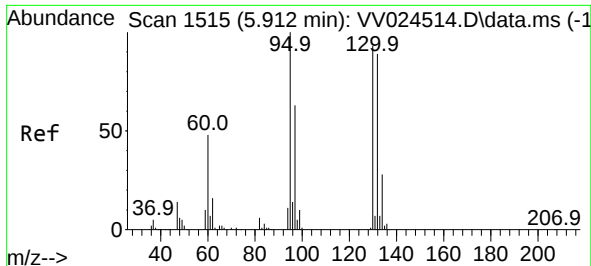
Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Tgt Ion: 78 Resp: 514446





#34

Trichloroethene

Concen: 57.402 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

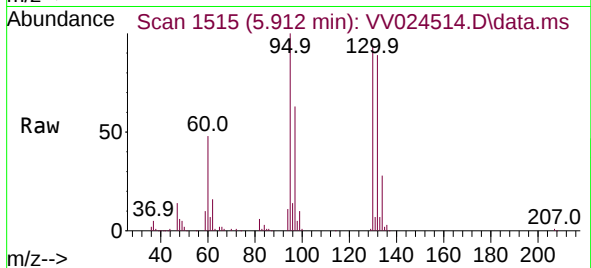
Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 147580

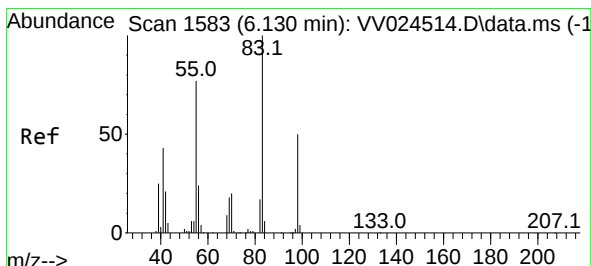
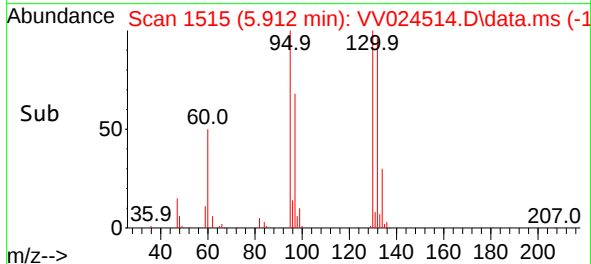
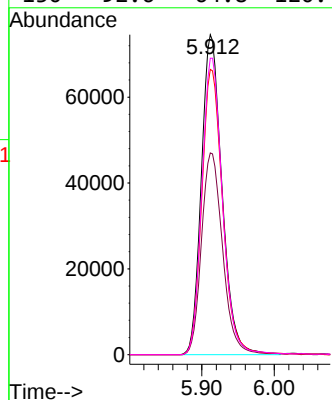
Ion Ratio Lower Upper

95 100

97 63.0 44.1 81.9

132 89.2 62.4 116.0

130 92.6 64.8 120.4



#35

Methylcyclohexane

Concen: 57.284 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

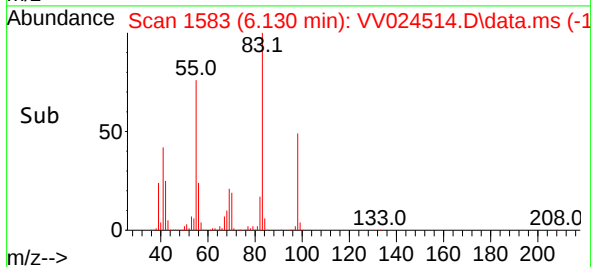
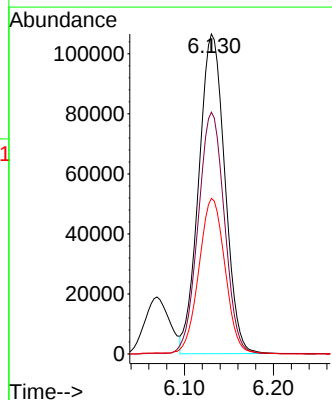
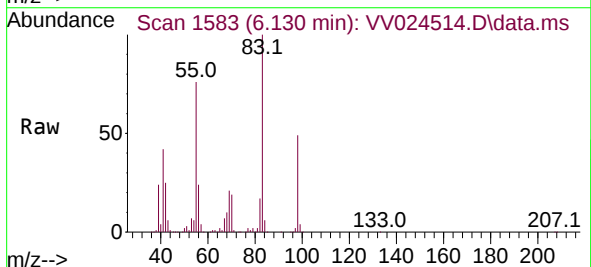
Tgt Ion: 83 Resp: 216697

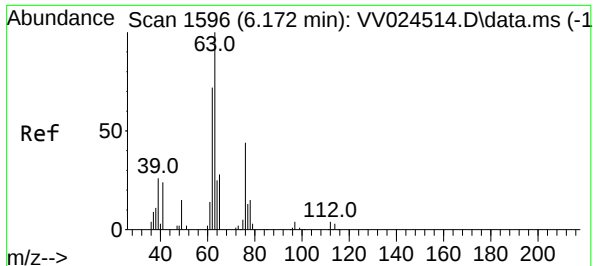
Ion Ratio Lower Upper

83 100

55 76.1 60.9 91.3

98 49.0 39.2 58.8





#37

1,2-Dichloropropane

Concen: 61.265 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

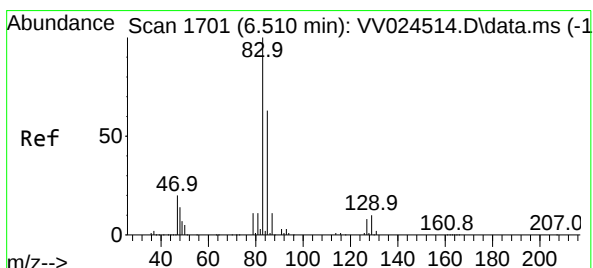
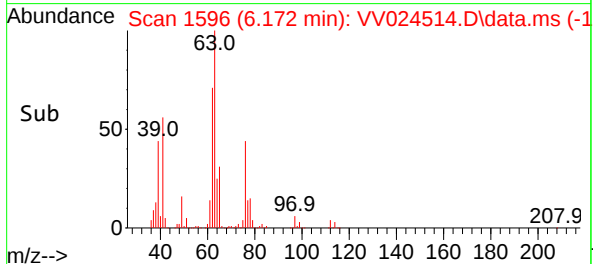
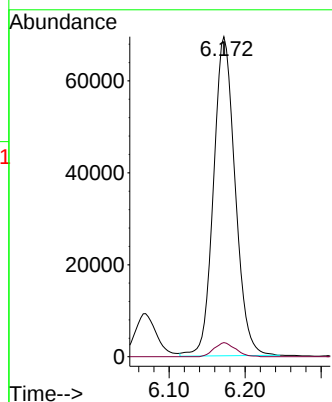
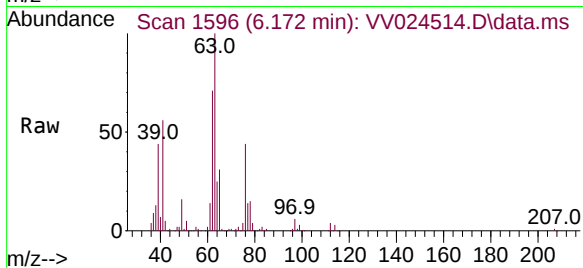
ClientSampleId :

Tgt Ion: 63 Resp: 137349

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 56.309 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

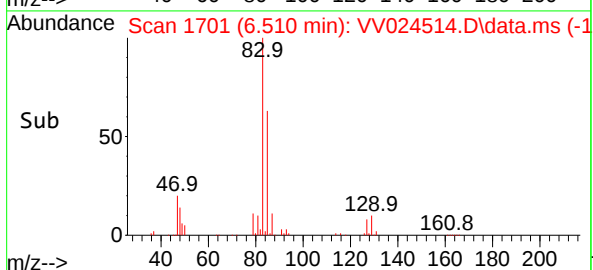
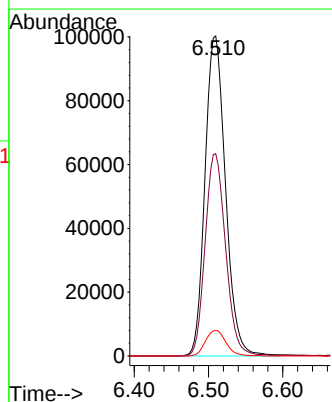
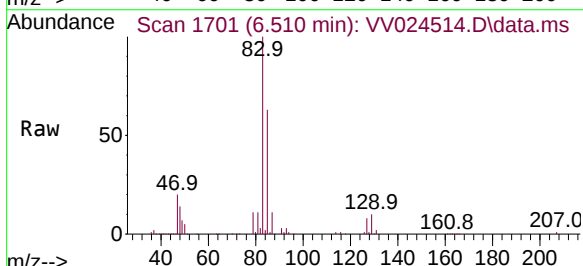
Tgt Ion: 83 Resp: 192282

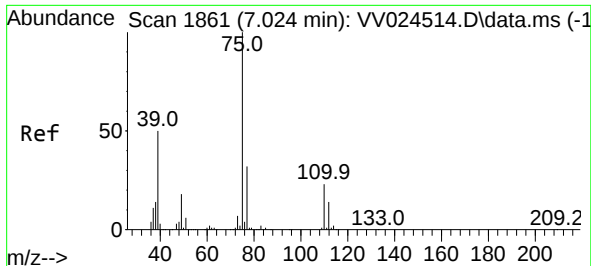
Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.2

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 61.278 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

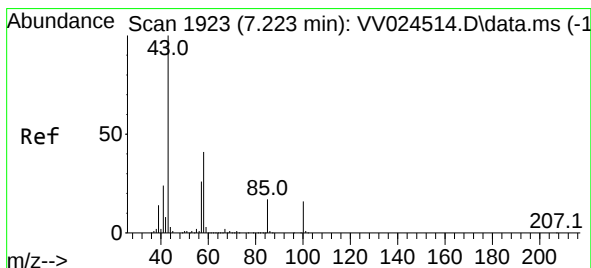
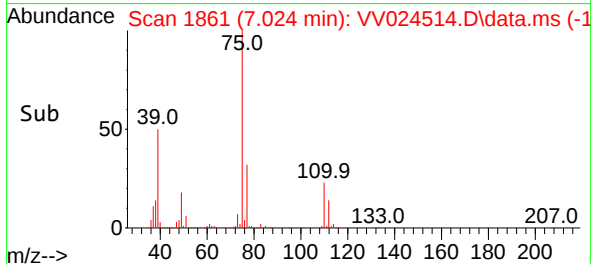
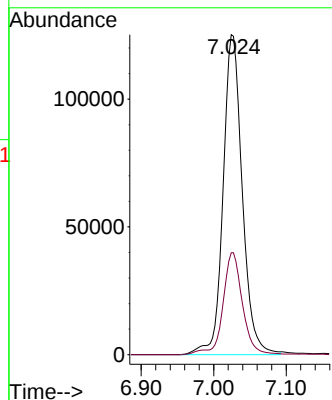
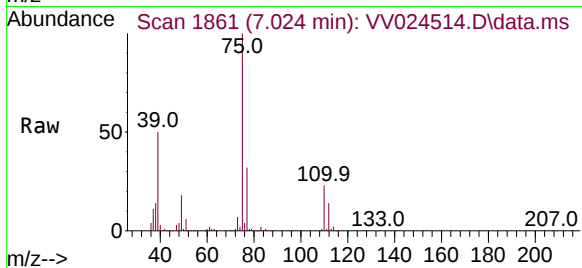
ClientSampleId :

Tgt Ion: 75 Resp: 230105

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 134.680 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

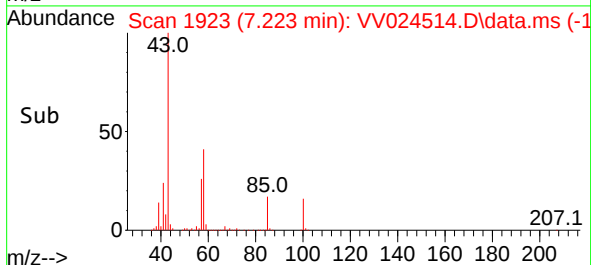
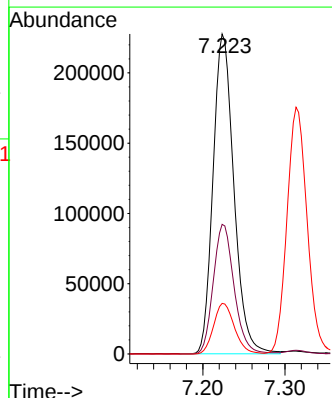
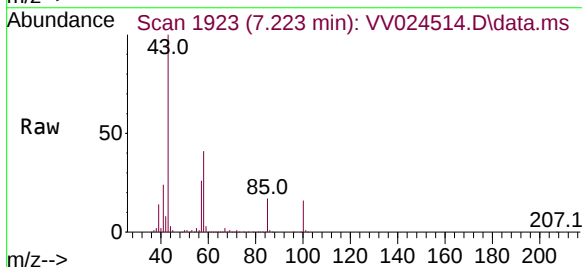
Tgt Ion: 43 Resp: 402526

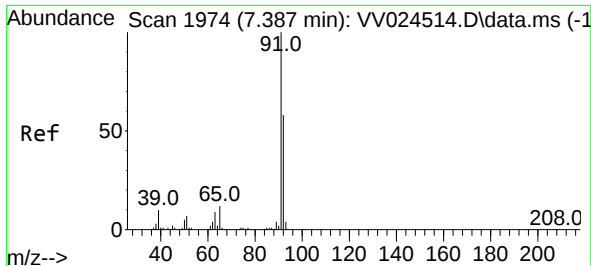
Ion Ratio Lower Upper

43 100

58 40.6 32.5 48.7

100 15.9 12.7 19.1

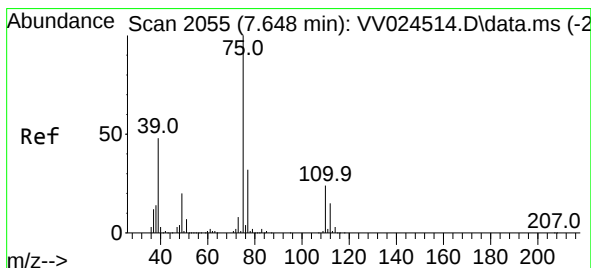
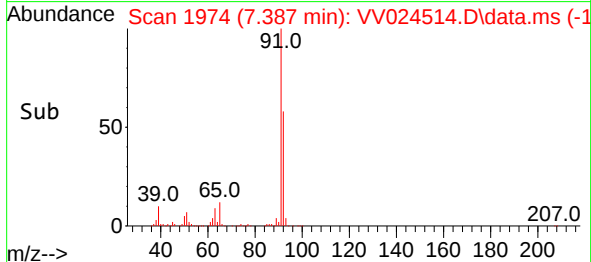
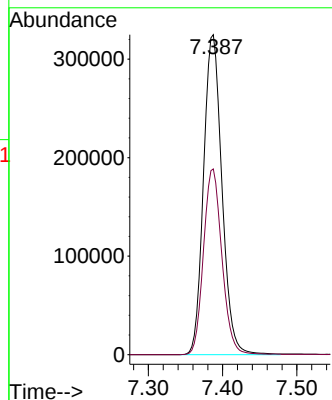
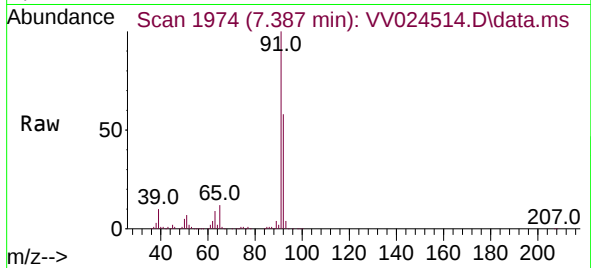




#42
Toluene
Concen: 54.613 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

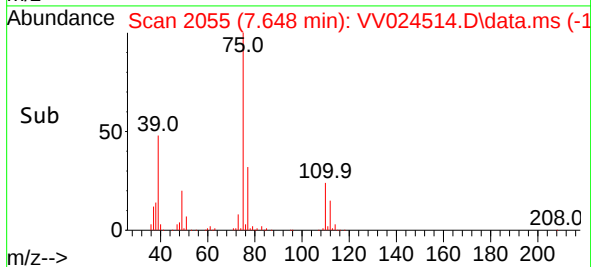
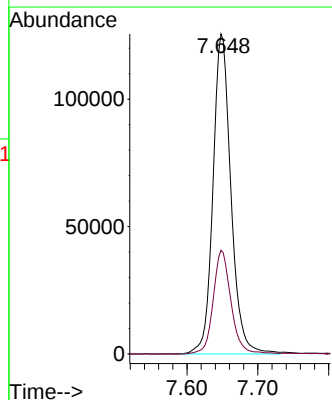
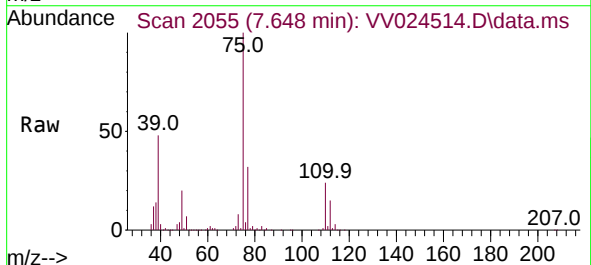
Instrument :
MSVOA_V
ClientSampleId :

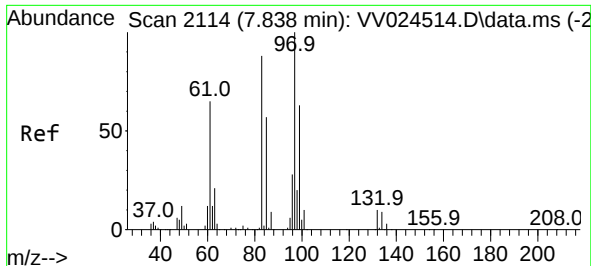
Tgt Ion: 91 Resp: 559234
Ion Ratio Lower Upper
91 100
92 58.0 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 59.080 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion: 75 Resp: 220993
Ion Ratio Lower Upper
75 100
77 32.4 22.7 42.1

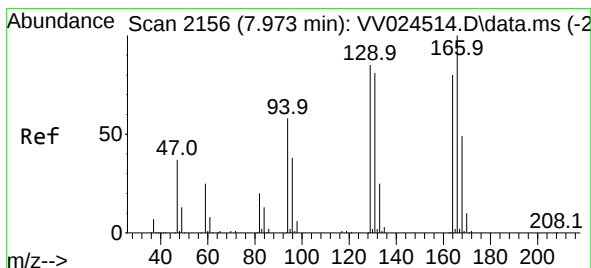
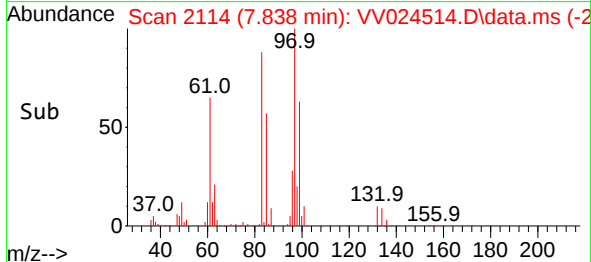
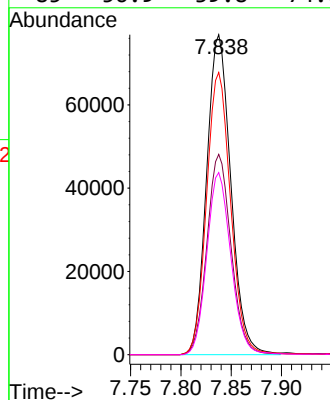
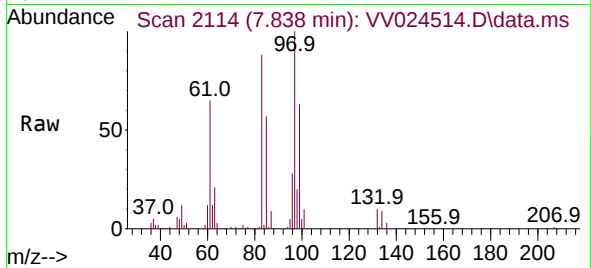




#45
1,1,2-Trichloroethane
Concen: 53.612 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

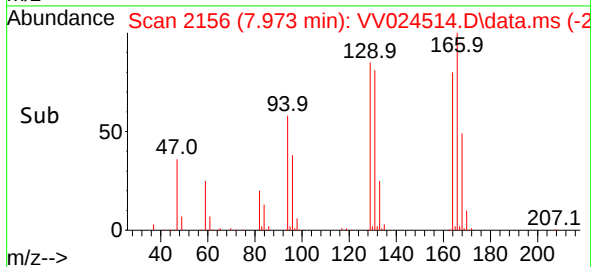
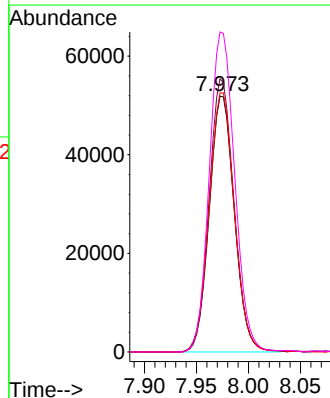
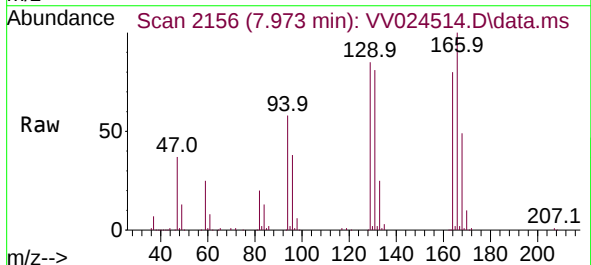
Instrument :
MSVOA_V
ClientSampleId :

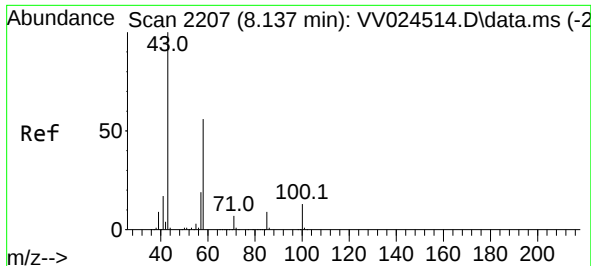
Tgt Ion:	97	Resp:	129106
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	88.2	61.7	114.7
85	56.9	39.8	74.0



#46
Tetrachloroethene
Concen: 40.529 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

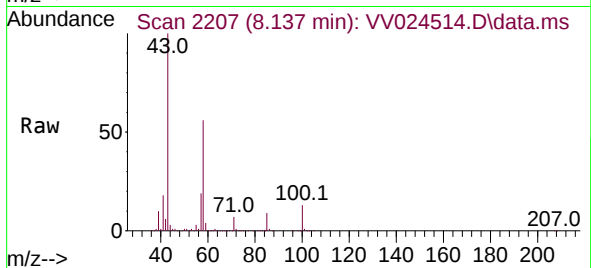
Tgt Ion:	164	Resp:	87078
Ion	Ratio	Lower	Upper
164	100		
129	106.8	74.8	138.8
131	101.2	70.8	131.6
166	125.1	87.6	162.6



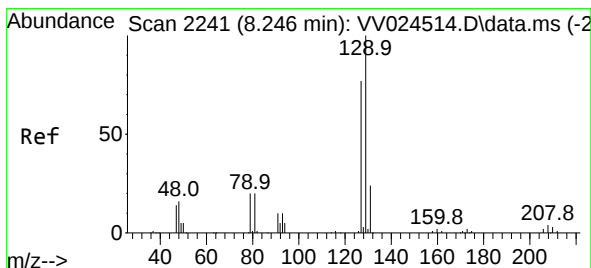
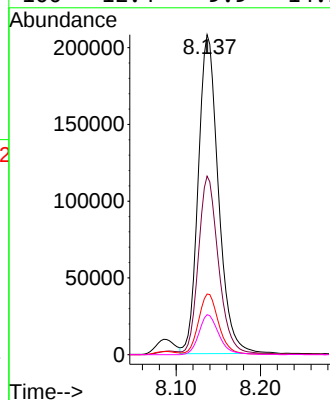
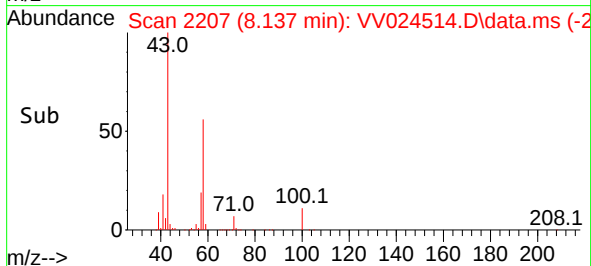


#48
2-Hexanone
Concen: 142.322 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Instrument :
MSVOA_V
ClientSampleId :

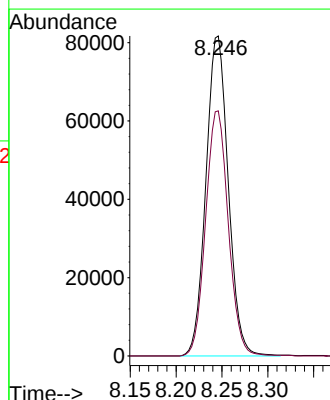
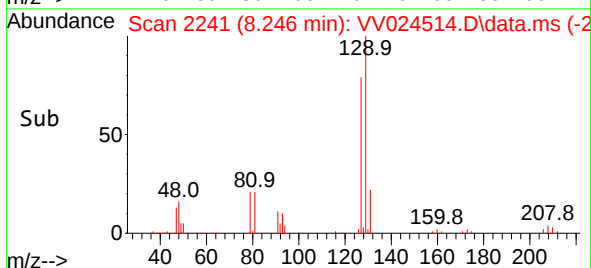
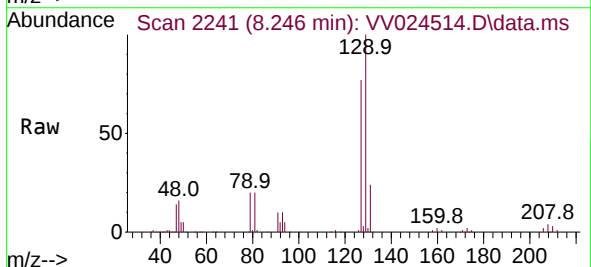


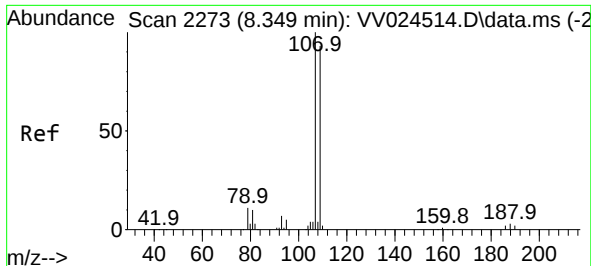
Tgt Ion: 43 Resp: 346006
Ion Ratio Lower Upper
43 100
58 56.0 44.8 67.2
57 18.9 15.1 22.7
100 12.4 9.9 14.9



#49
Dibromochloromethane
Concen: 47.410 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion: 129 Resp: 138622
Ion Ratio Lower Upper
129 100
127 76.6 53.6 99.6





#50

1,2-Dibromoethane

Concen: 53.528 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

ClientSampleId :

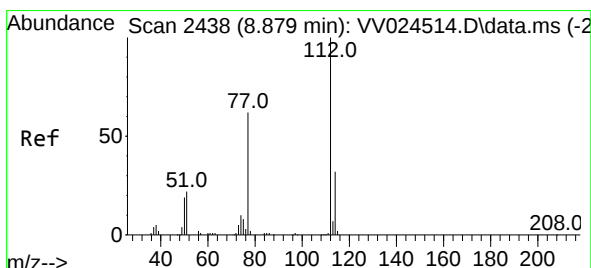
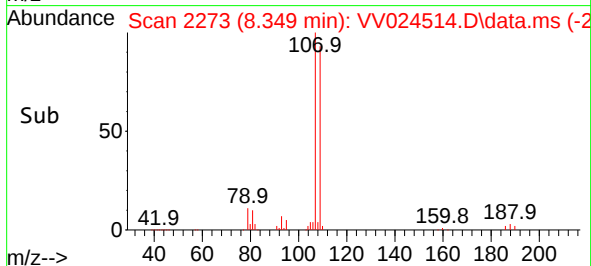
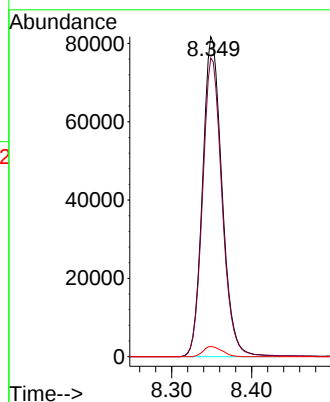
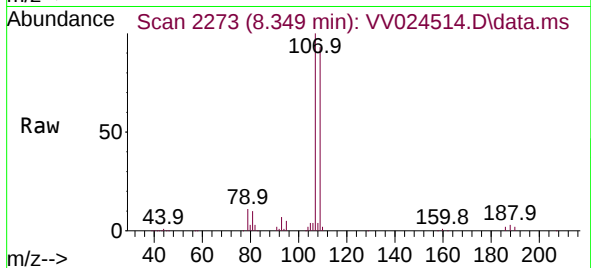
Tgt Ion:107 Resp: 137994

Ion Ratio Lower Upper

107 100

109 93.4 65.4 121.4

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 50.568 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

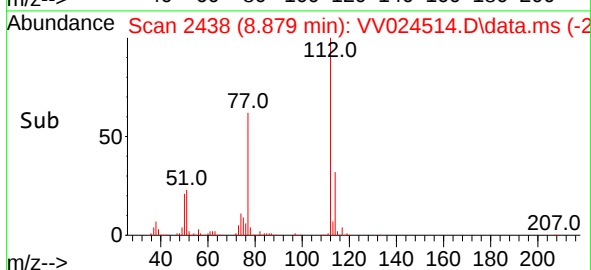
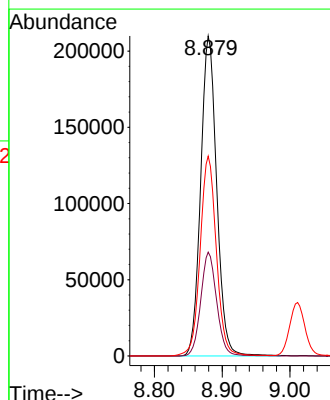
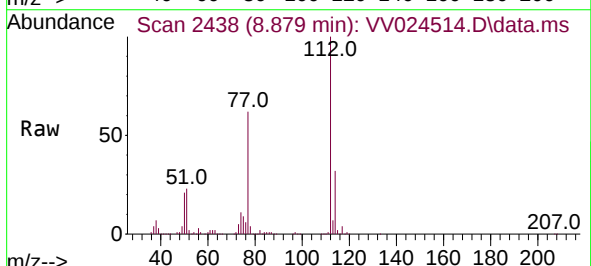
Tgt Ion:112 Resp: 344668

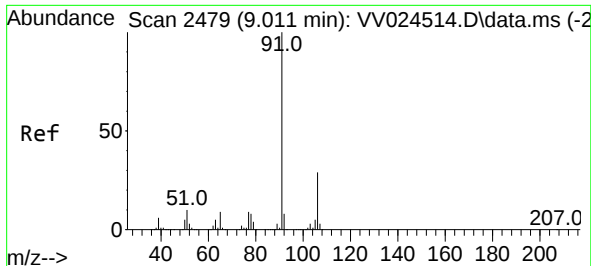
Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.1

77 62.4 49.9 74.9





#52

Ethylbenzene

Concen: 55.688 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

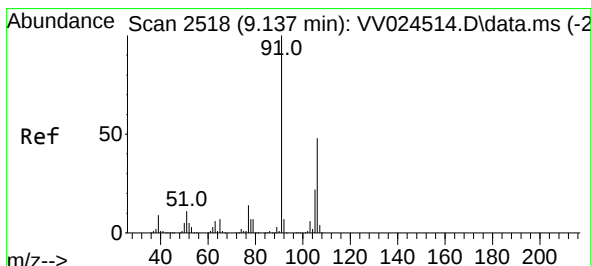
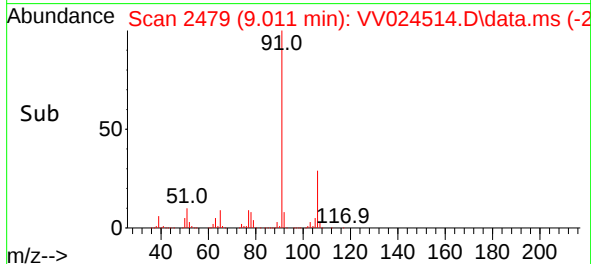
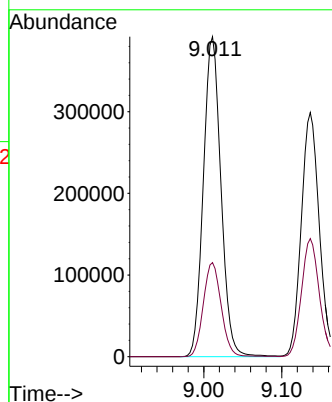
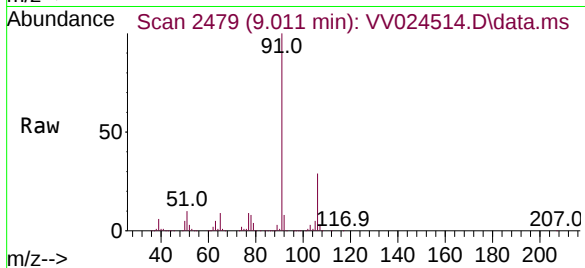
ClientSampleId :

Tgt Ion: 91 Resp: 613985

Ion Ratio Lower Upper

91 100

106 29.4 20.6 38.2



#53

m,p-Xylene

Concen: 52.821 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV024514.D

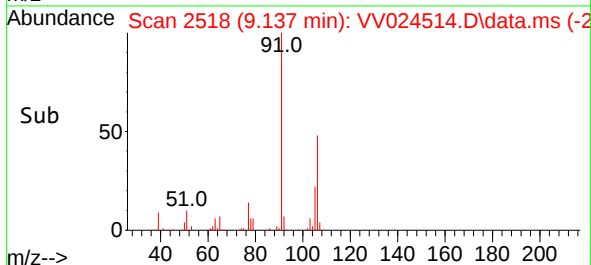
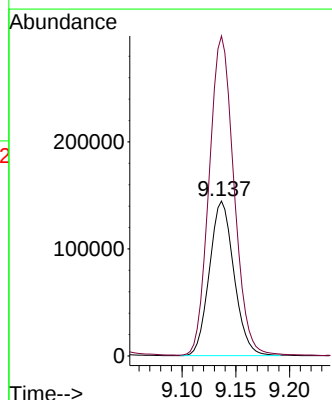
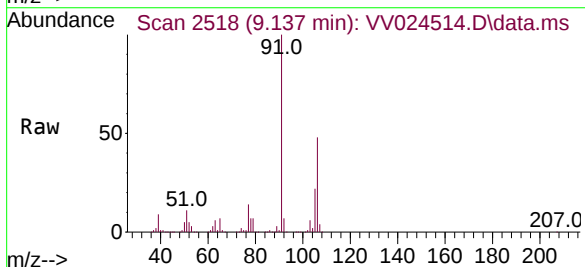
Acq: 02 Feb 2022 10:50

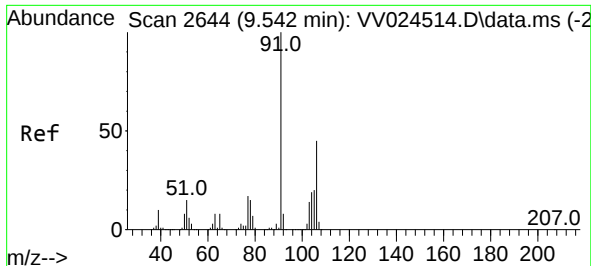
Tgt Ion: 106 Resp: 229625

Ion Ratio Lower Upper

106 100

91 206.6 144.6 268.6





#54

o-Xylene

Concen: 54.850 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

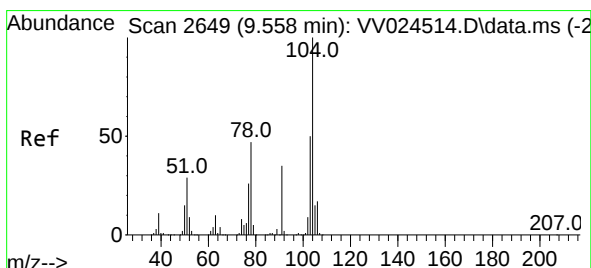
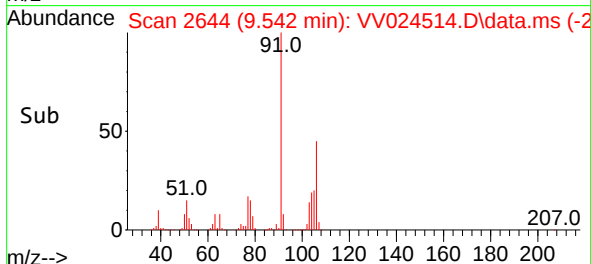
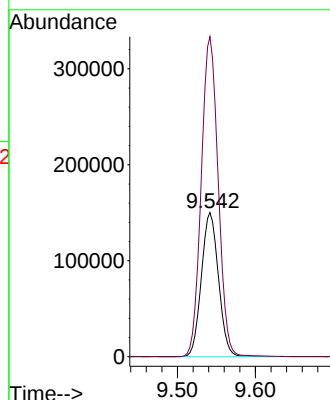
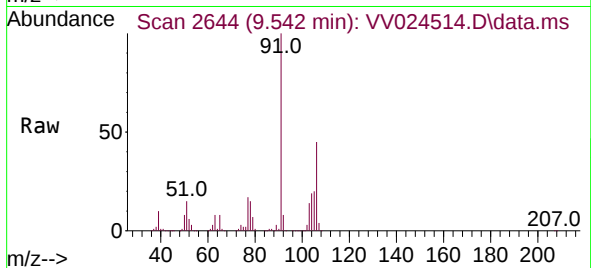
ClientSampleId :

Tgt Ion:106 Resp: 229048

Ion Ratio Lower Upper

106 100

91 222.0 155.4 288.6



#55

Styrene

Concen: 54.406 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.000 min

Lab File: VV024514.D

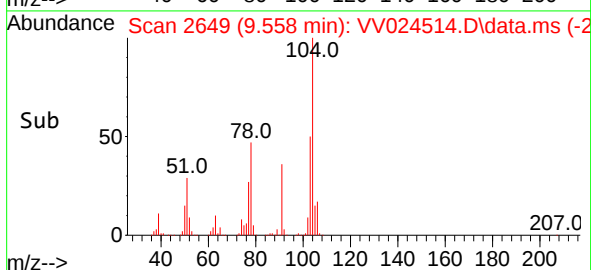
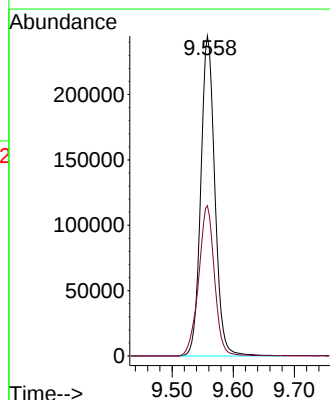
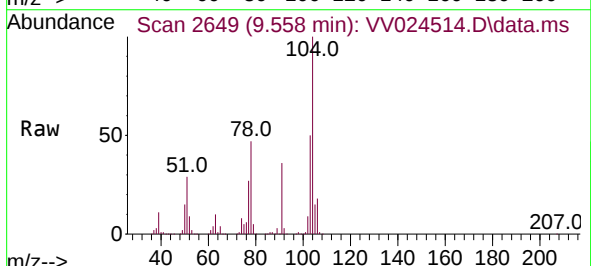
Acq: 02 Feb 2022 10:50

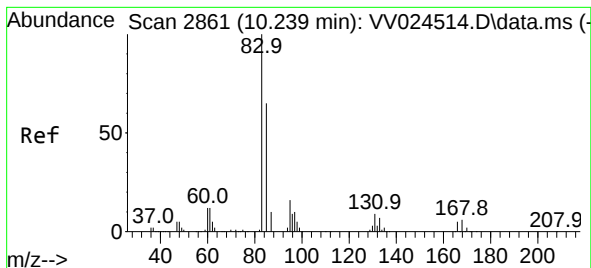
Tgt Ion:104 Resp: 391537

Ion Ratio Lower Upper

104 100

78 47.0 32.9 61.1

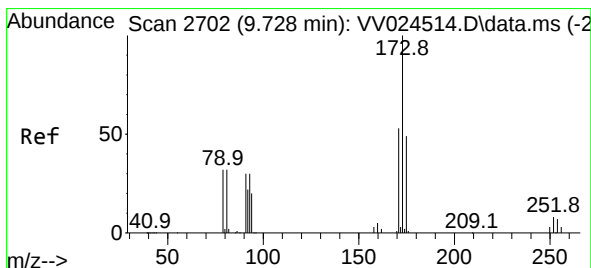
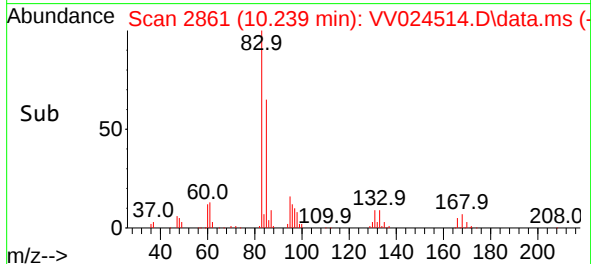
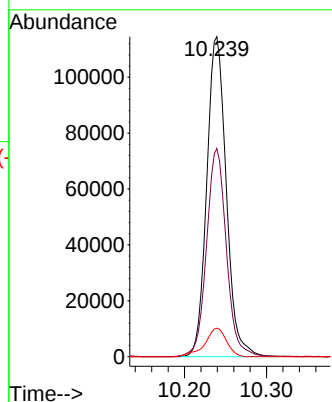
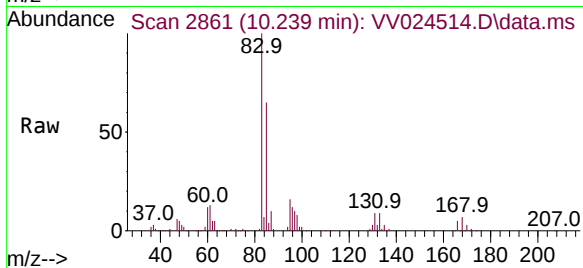




#57
 1,1,2,2-Tetrachloroethane
 Concen: 53.631 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024514.D
 Acq: 02 Feb 2022 10:50

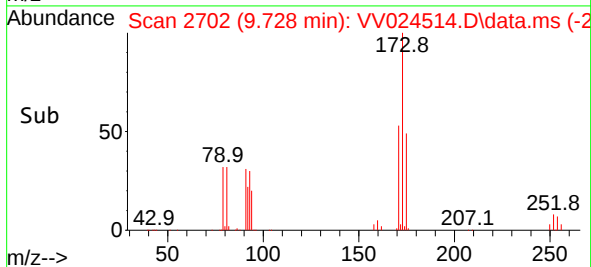
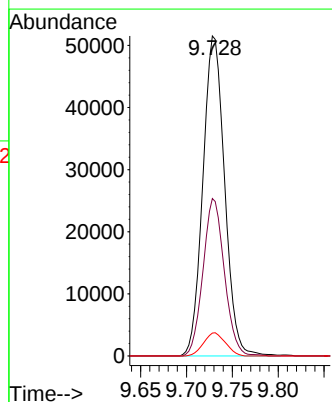
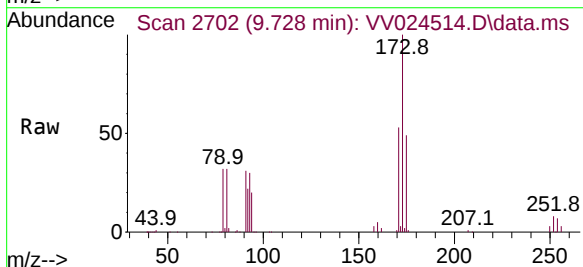
Instrument :
 MSVOA_V
 ClientSampleId :

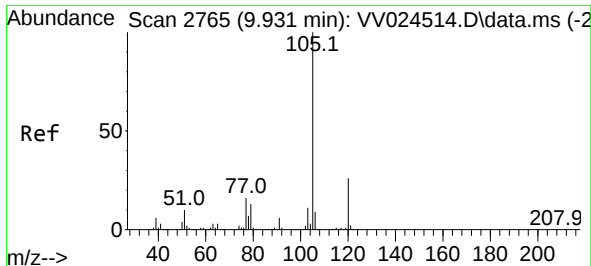
Tgt Ion: 83 Resp: 188917
 Ion Ratio Lower Upper
 83 100
 85 65.1 45.6 84.6
 131 8.9 7.1 10.7



#59
 Bromoform
 Concen: 45.970 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV024514.D
 Acq: 02 Feb 2022 10:50

Tgt Ion: 173 Resp: 85085
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.6 57.8
 254 7.3 5.8 8.8

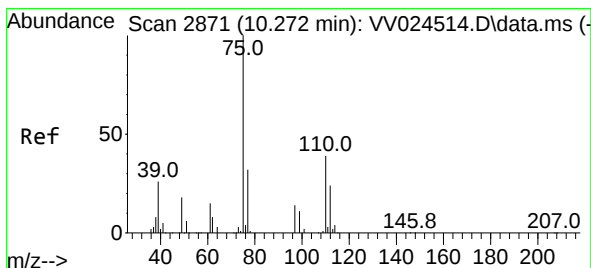
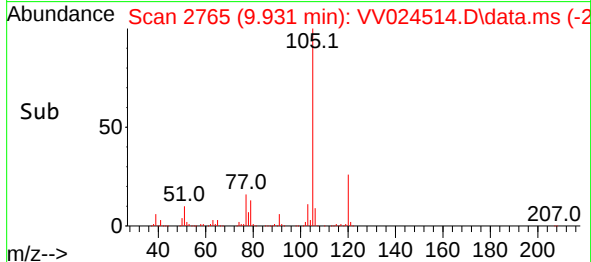
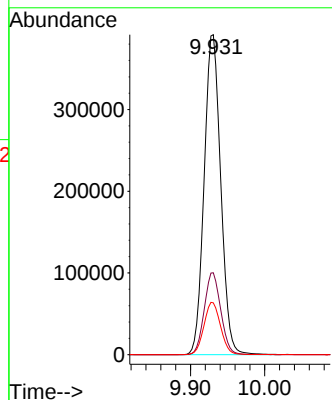
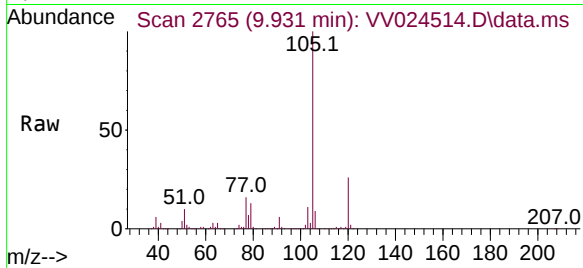




#60
Isopropylbenzene
Concen: 62.557 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

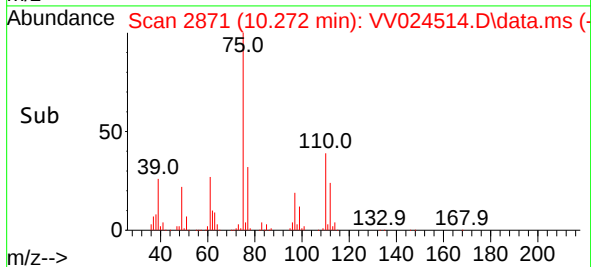
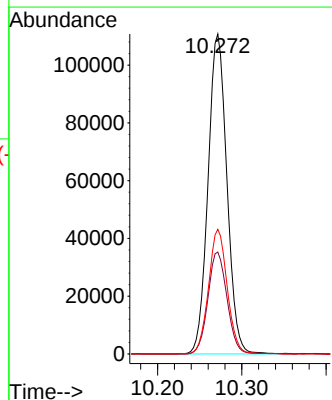
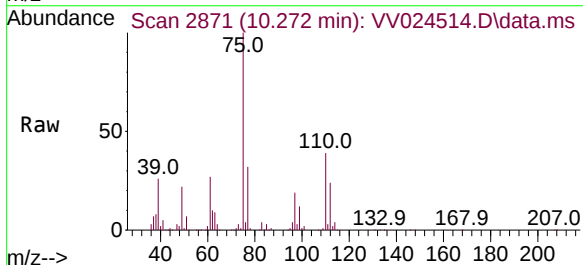
Instrument :
MSVOA_V
ClientSampleId :

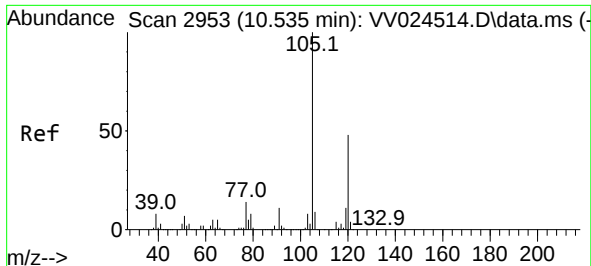
Tgt Ion:105 Resp: 606385
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 16.4 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 65.169 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion: 75 Resp: 172478
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 38.6 30.9 46.3

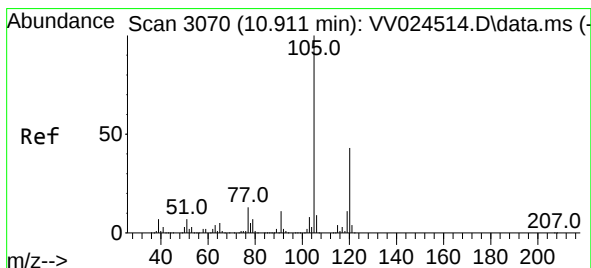
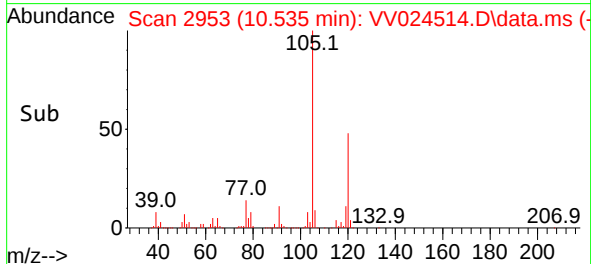
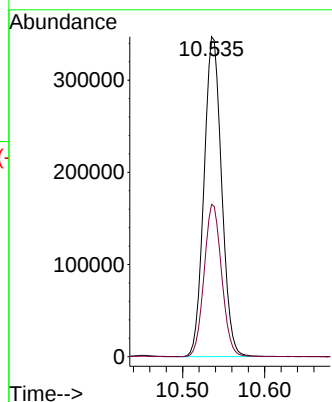
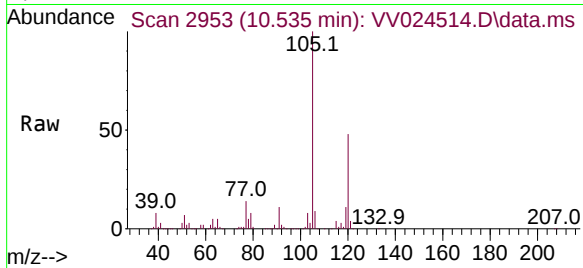




#62
 1,3,5-Trimethylbenzene
 Concen: 62.257 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV024514.D
 Acq: 02 Feb 2022 10:50

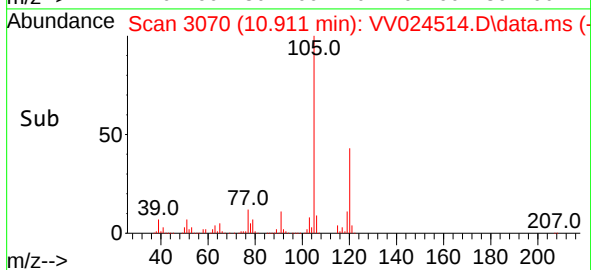
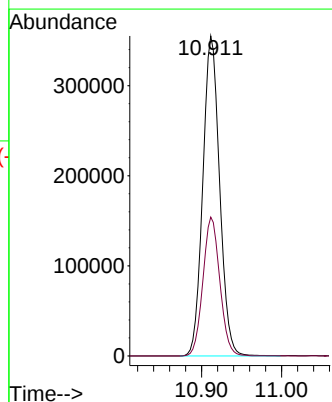
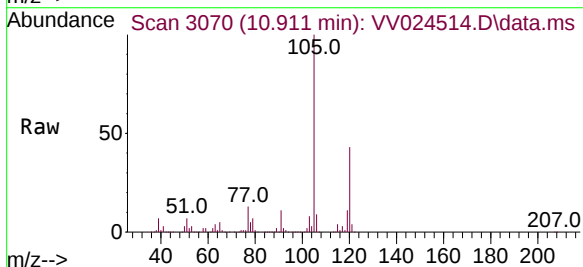
Instrument :
 MSVOA_V
 ClientSampleId :

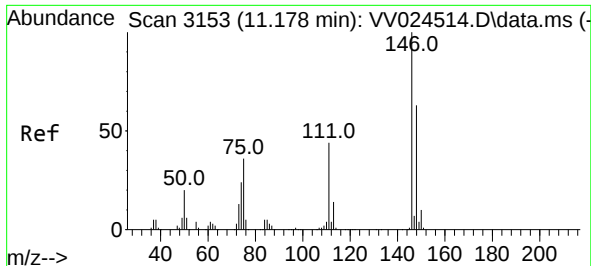
Tgt Ion:105 Resp: 517388
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 62.736 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV024514.D
 Acq: 02 Feb 2022 10:50

Tgt Ion:105 Resp: 520432
 Ion Ratio Lower Upper
 105 100
 120 43.6 34.9 52.3

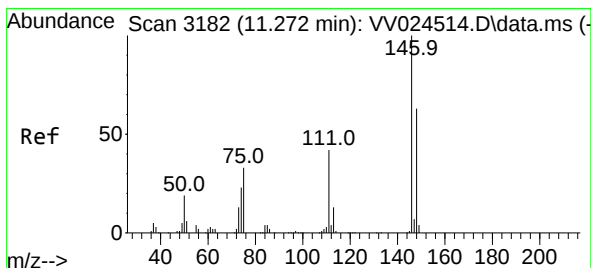
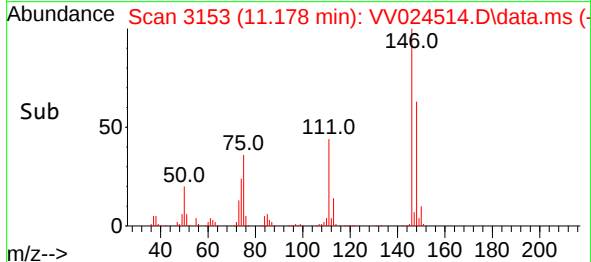
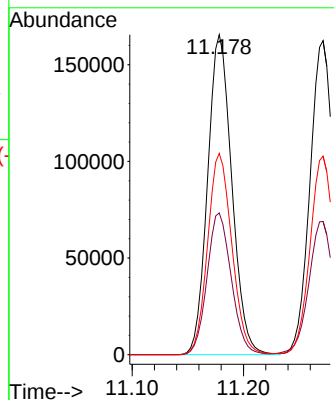
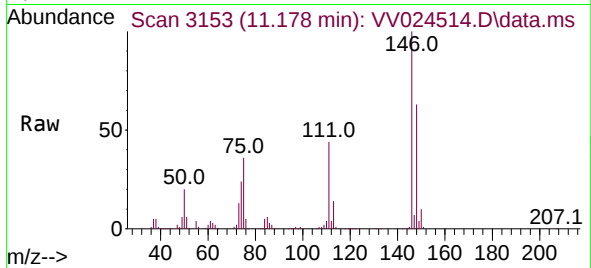




#64
1,3-Dichlorobenzene
Concen: 52.540 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

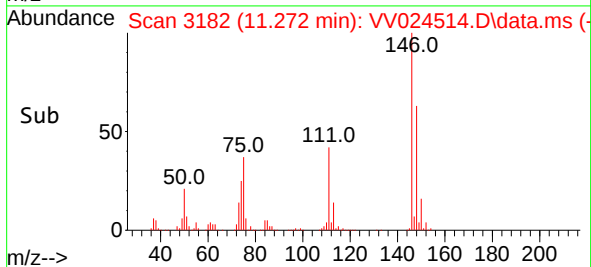
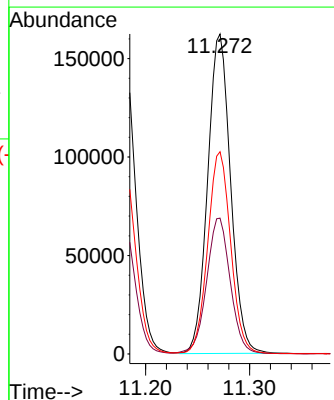
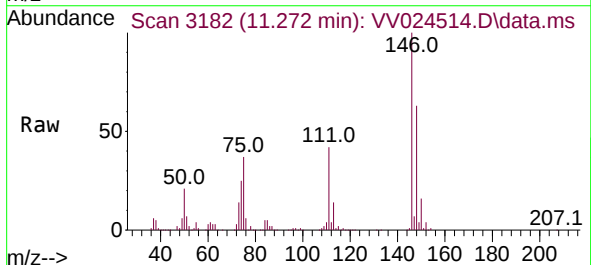
Instrument :
MSVOA_V
ClientSampleId :

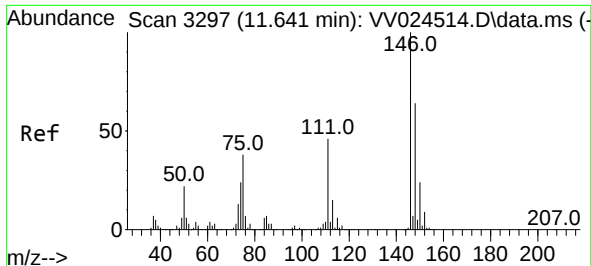
Tgt Ion:146 Resp: 250345
Ion Ratio Lower Upper
146 100
111 44.3 31.0 57.6
148 62.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 50.699 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion:146 Resp: 248235
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 63.2 44.2 82.2

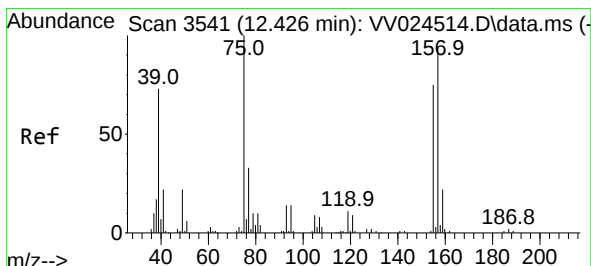
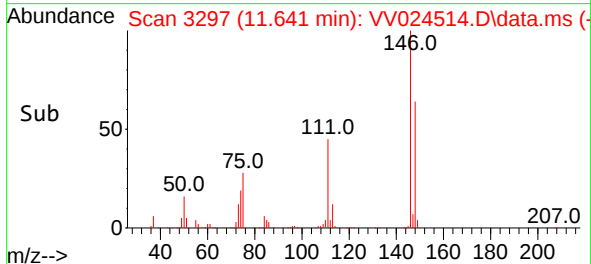
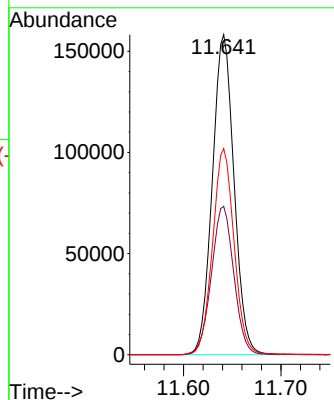
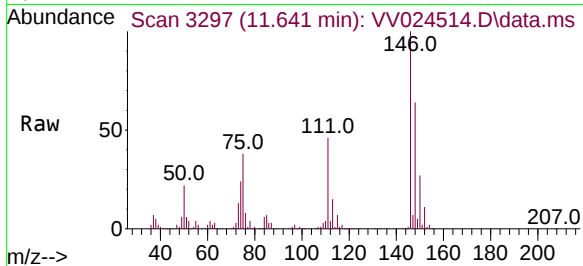




#67
 1,2-Dichlorobenzene
 Concen: 50.168 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV024514.D
 Acq: 02 Feb 2022 10:50

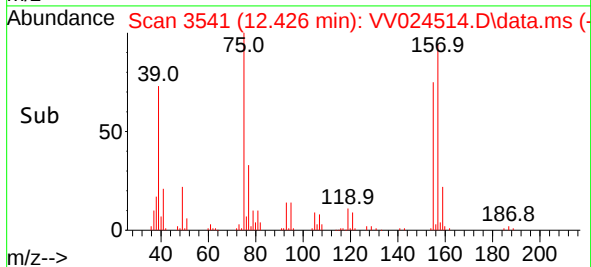
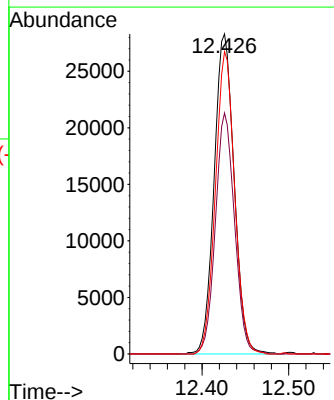
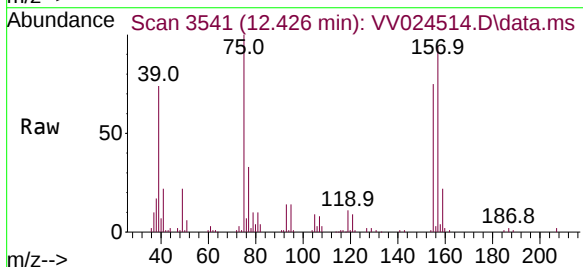
Instrument :
 MSVOA_V
 ClientSampleId :

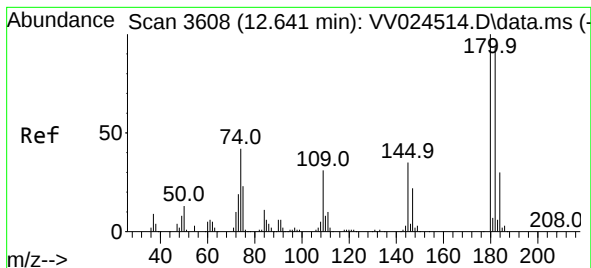
Tgt Ion:146 Resp: 245025
 Ion Ratio Lower Upper
 146 100
 111 46.3 37.0 55.6
 148 64.4 51.5 77.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 61.306 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV024514.D
 Acq: 02 Feb 2022 10:50

Tgt Ion: 75 Resp: 45493
 Ion Ratio Lower Upper
 75 100
 155 75.3 60.2 90.4
 157 94.5 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 45.806 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

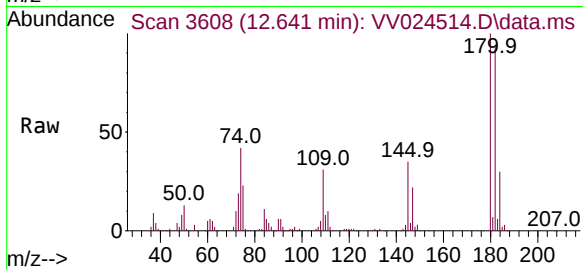
Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 162803

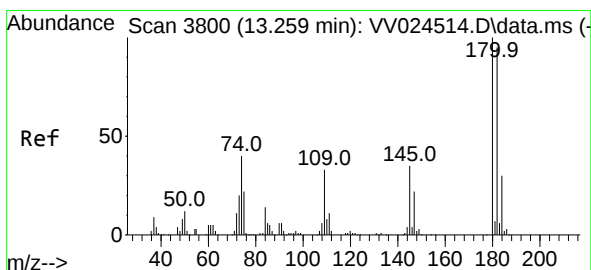
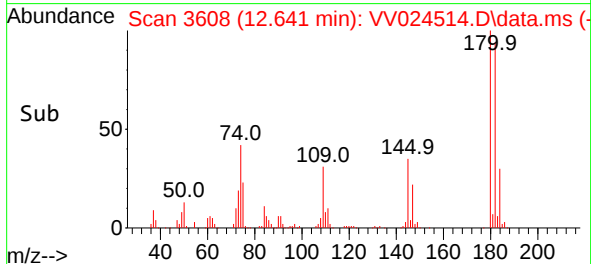
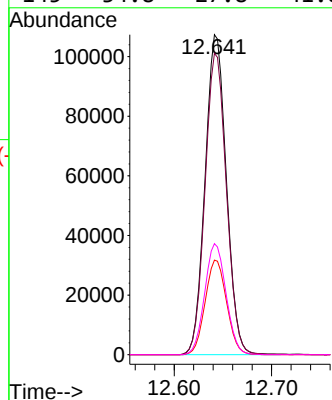
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

184 29.8 23.8 35.8

145 34.8 27.8 41.8



#70

1,2,4-trichlorobenzene

Concen: 47.848 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024514.D

Acq: 02 Feb 2022 10:50

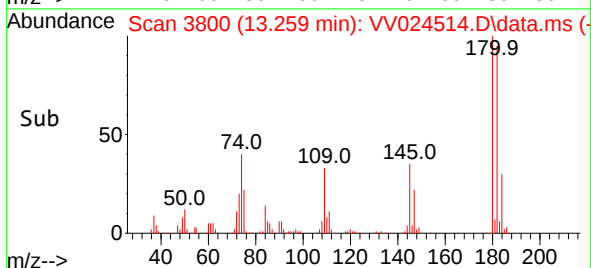
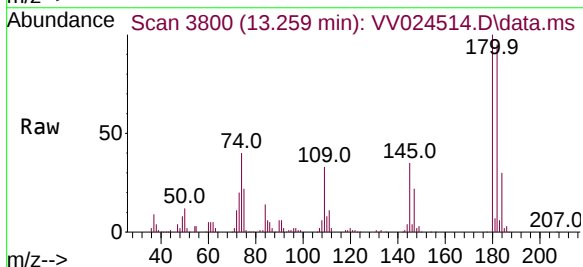
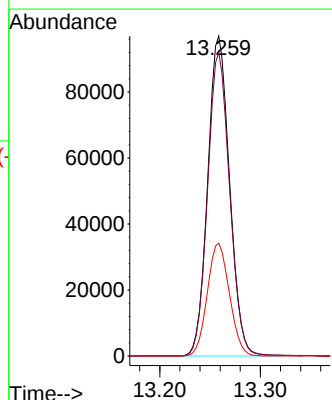
Tgt Ion:180 Resp: 146545

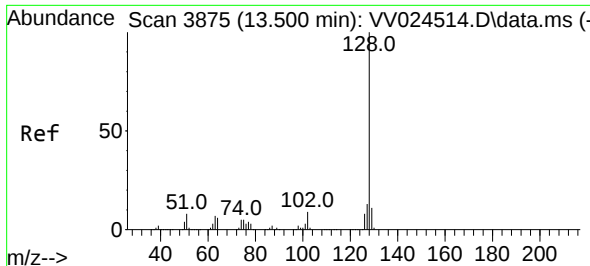
Ion Ratio Lower Upper

180 100

182 95.4 76.3 114.5

145 35.6 28.5 42.7

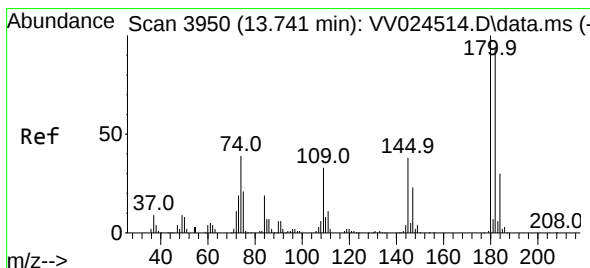
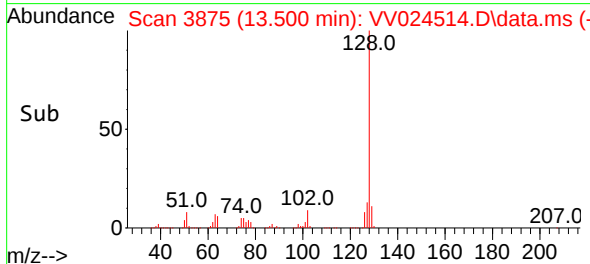
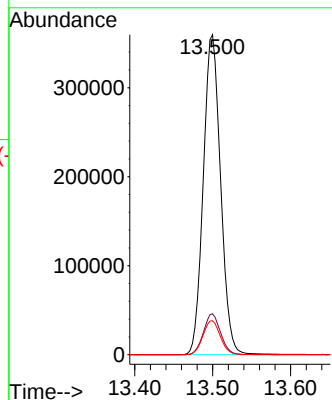
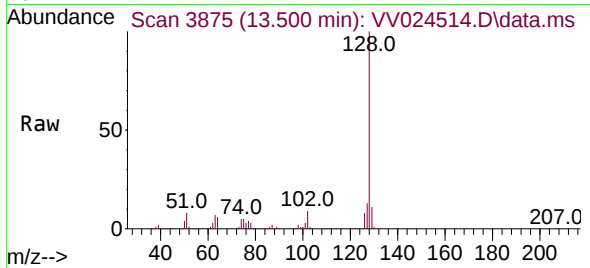




#71
Naphthalene
Concen: 59.509 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 554839
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 46.240 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024514.D
Acq: 02 Feb 2022 10:50

Tgt Ion:180 Resp: 144505
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.2
145 37.6 30.1 45.1

