

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024852.D
 Acq On : 02 Mar 2022 12:58
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100205

Quant Time: Mar 03 02:36:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM030222SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 03 01:40:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	269430	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	250272	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123211	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	538981	144.780	ug/L	0.00
7) Chloroethane-d5	1.568	69	382206	129.877	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	777024	111.506	ug/L	0.00
21) 2-Butanone-d5	3.892	46	344360	315.591	ug/L	0.00
24) Chloroform-d	4.346	84	815386	109.710	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	433631	106.239	ug/L	0.00
32) Benzene-d6	5.046	84	1726055	124.917	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	514924	127.079	ug/L	0.00
41) Toluene-d8	7.313	98	1566753	121.303	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.615	79	243105	133.681	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	255721	324.047	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	450226	126.699	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	530302	114.314	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	372140	73.715	ug/L	100
3) Chloromethane	1.240	50	350211	76.958	ug/L	100
5) Vinyl chloride	1.310	62	386018	87.491	ug/L	99
6) Bromomethane	1.523	94	235665	80.576	ug/L	99
8) Chloroethane	1.584	64	227557	84.429	ug/L	99
9) Trichlorofluoromethane	1.751	101	496342	73.304	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	298578	82.986	ug/L	99
12) 1,1-Dichloroethene	2.114	96	279700	83.268	ug/L	90
13) Acetone	2.191	43	158463	145.563	ug/L	98
14) Carbon disulfide	2.291	76	1033142	85.720	ug/L	99
15) Methyl Acetate	2.436	43	189664	114.124	ug/L	100
16) Methylene chloride	2.503	84	330292	65.335	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	332193	83.000	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	793853	87.353	ug/L	99
19) 1,1-Dichloroethane	3.185	63	560974	85.084	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	349357	85.848	ug/L	97
22) 2-Butanone	3.976	43	246625	217.096	ug/L	91
23) Bromochloromethane	4.243	128	157658	77.848	ug/L	95
25) Chloroform	4.371	83	579367	80.755	ug/L	99
27) 1,2-Dichloroethane	5.127	62	358410	77.942	ug/L	99
29) Cyclohexane	4.673	56	557697	100.244	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	510261	82.874	ug/L	98
31) Carbon tetrachloride	4.825	117	448456	81.524	ug/L	100
33) Benzene	5.095	78	1296378	89.545	ug/L	100
34) Trichloroethene	5.908	95	372784	92.937	ug/L	99
35) Methylcyclohexane	6.130	83	631112	100.147	ug/L	98
37) 1,2-Dichloropropane	6.169	63	315646	93.421	ug/L	100
38) Bromodichloromethane	6.506	83	415626	85.939	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	503989	94.662	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	493149	224.106	ug/L	98
42) Toluene	7.384	91	1396415	89.257	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	458453	94.607	ug/L	99

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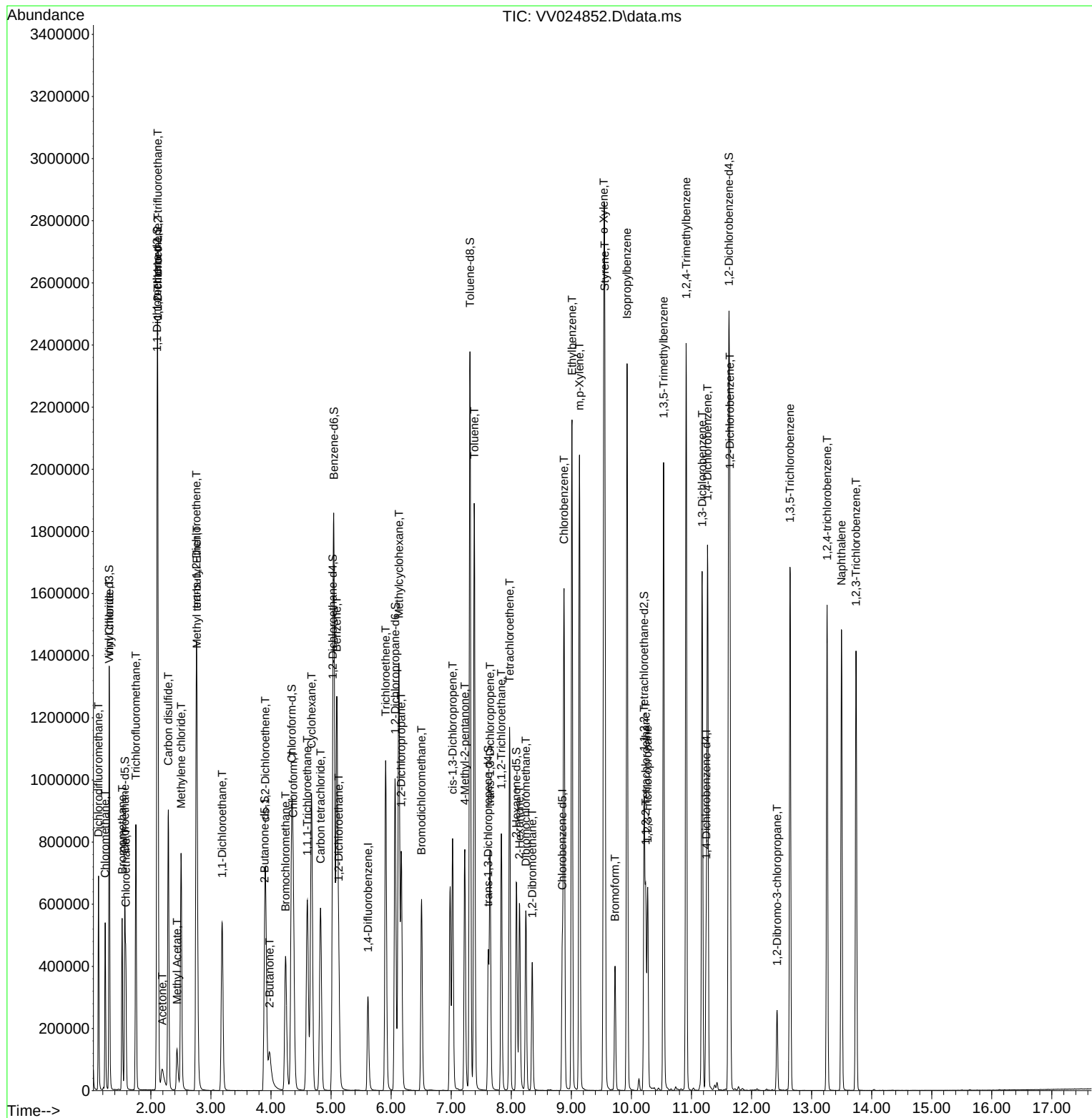
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	264923	90.054	ug/L	99
46) Tetrachloroethene	7.972	164	245936	72.501	ug/L	99
48) 2-Hexanone	8.136	43	364863	224.928	ug/L	96
49) Dibromochloromethane	8.242	129	300986	82.385	ug/L	99
50) 1,2-Dibromoethane	8.349	107	270709	93.127	ug/L	99
51) Chlorobenzene	8.879	112	867189	81.710	ug/L	99
52) Ethylbenzene	9.011	91	1518164	90.057	ug/L	99
53) m,p-Xylene	9.136	106	587827	88.580	ug/L	100
54) o-Xylene	9.541	106	556057	88.353	ug/L	100
55) Styrene	9.558	104	952239	88.006	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	311385	93.901	ug/L	98
59) Bromoform	9.728	173	170073	87.700	ug/L	100
60) Isopropylbenzene	9.927	105	1511624	100.543	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	266030	114.875	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	1065245	85.042	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1284699	99.912	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	661392	85.174	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	655881	83.012	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	603959	84.741	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	65092	118.470	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	481810	80.156	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	426598	86.091	ug/L	99
71) Naphthalene	13.500	128	1118342	118.305	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	390415	87.082	ug/L	100

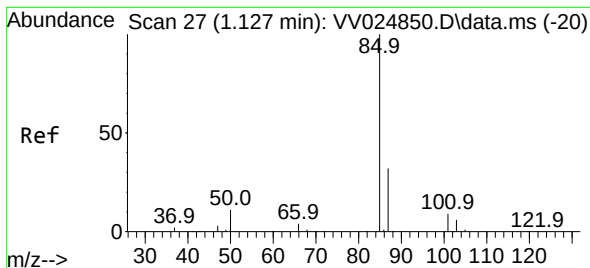
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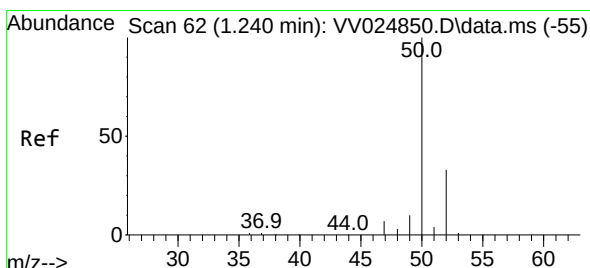
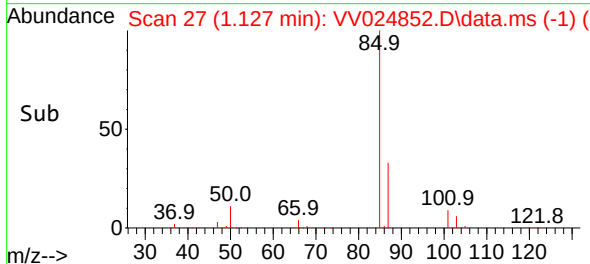
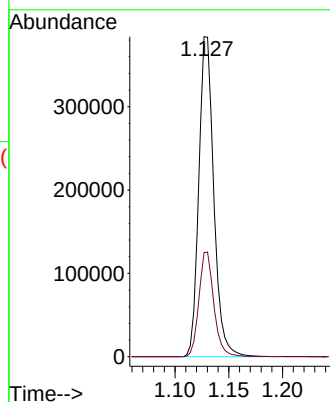
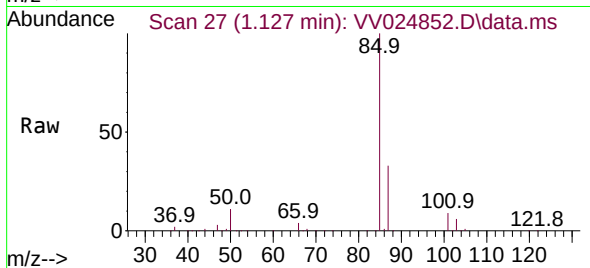




#2
 Dichlorodifluoromethane
 Concen: 73.715 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024852.D
 Acq: 02 Mar 2022 12:58

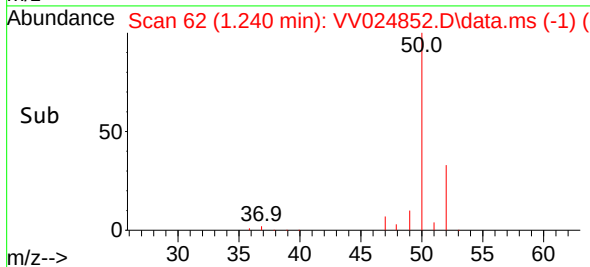
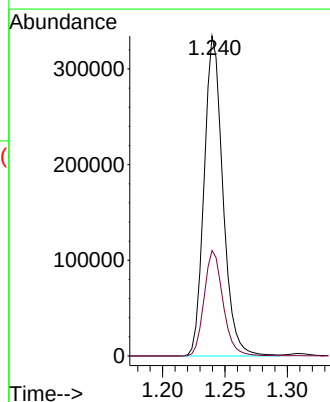
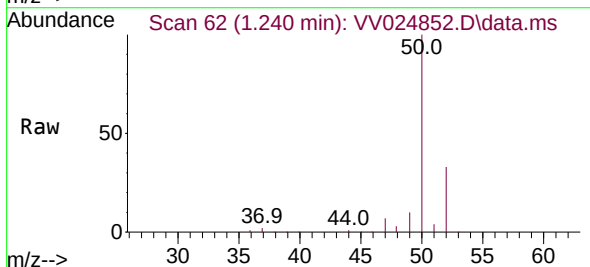
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100205

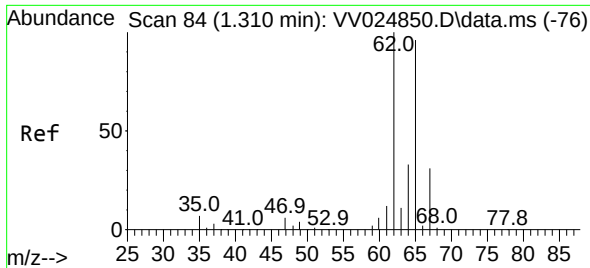
Tgt Ion: 85 Resp: 372140
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 76.958 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024852.D
 Acq: 02 Mar 2022 12:58

Tgt Ion: 50 Resp: 350211
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.9 42.5

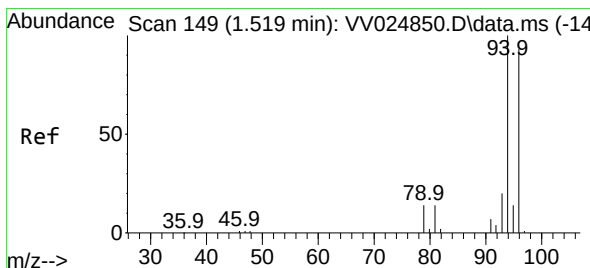
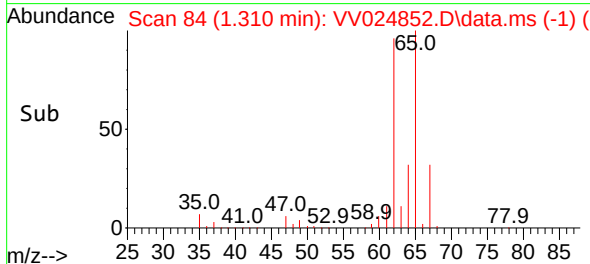
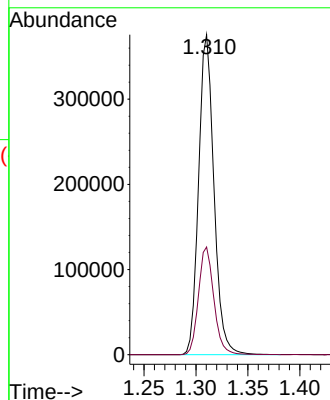
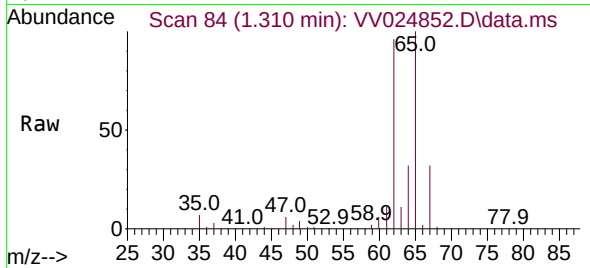




#5
 Vinyl chloride
 Concen: 87.491 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024852.D
 Acq: 02 Mar 2022 12:58

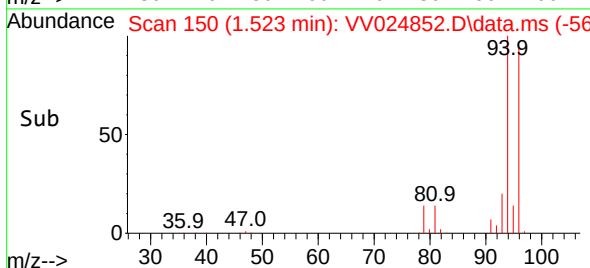
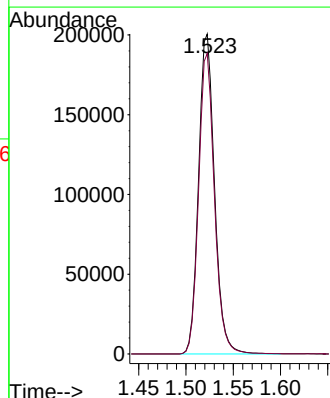
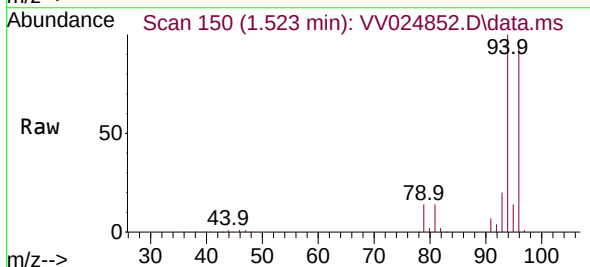
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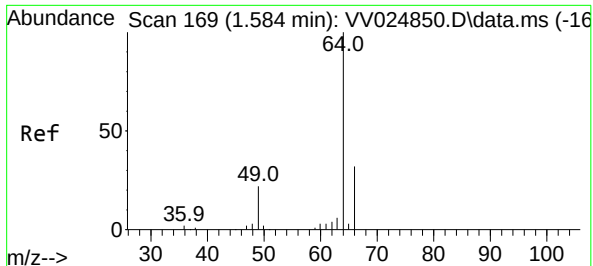
Tgt Ion: 62 Resp: 386018
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.0 42.8



#6
 Bromomethane
 Concen: 80.576 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024852.D
 Acq: 02 Mar 2022 12:58

Tgt Ion: 94 Resp: 235665
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.9 120.5

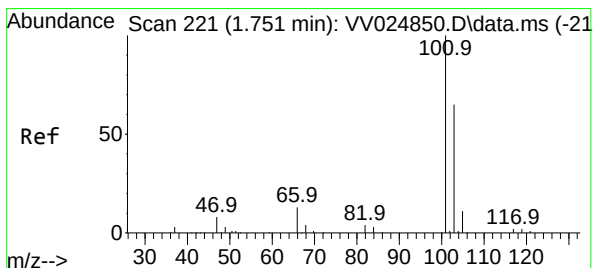
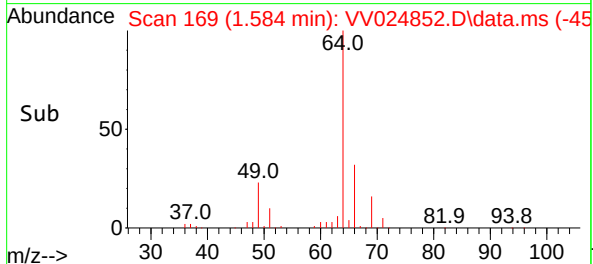
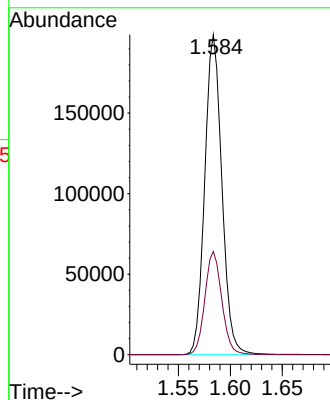
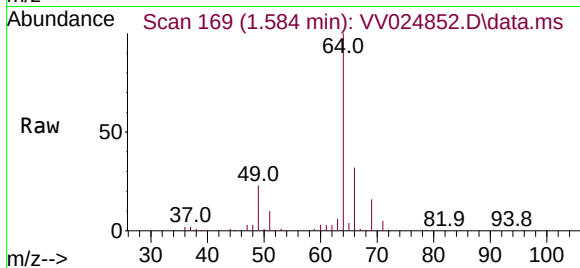




#8
Chloroethane
Concen: 84.429 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

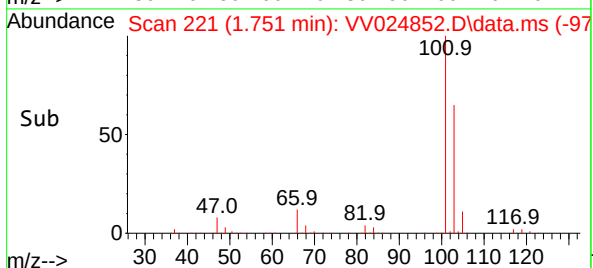
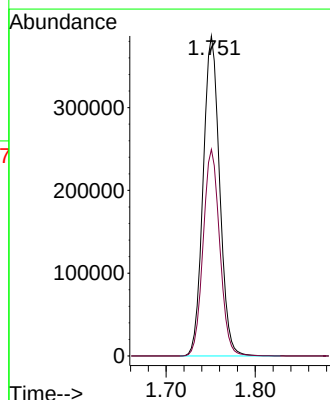
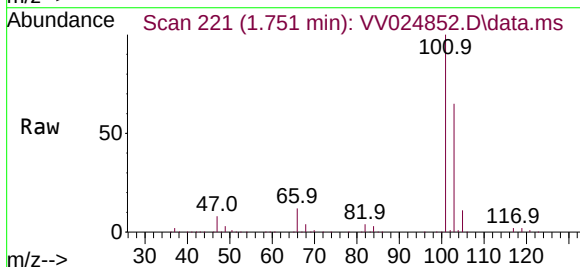
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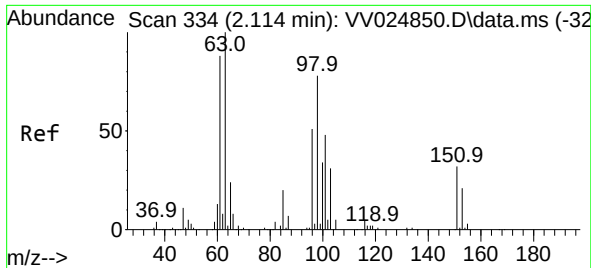
Tgt Ion: 64 Resp: 227557
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 73.304 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion:101 Resp: 496342
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

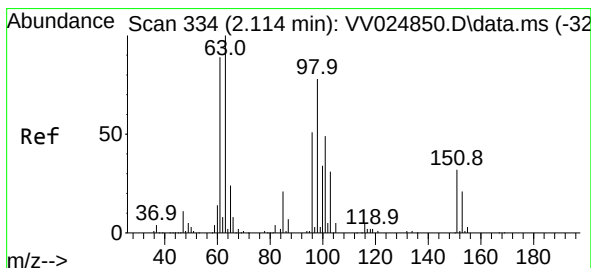
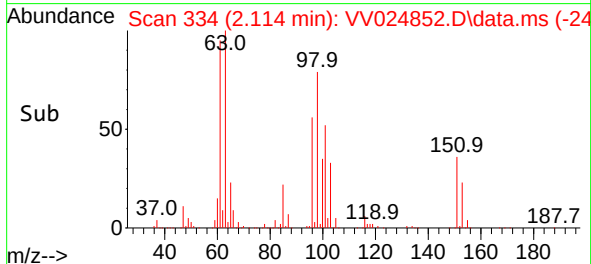
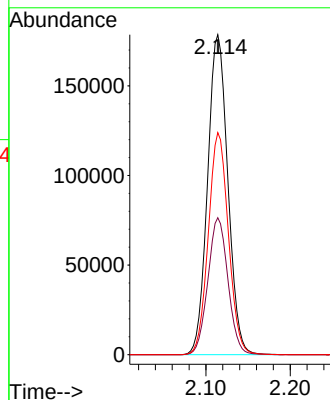
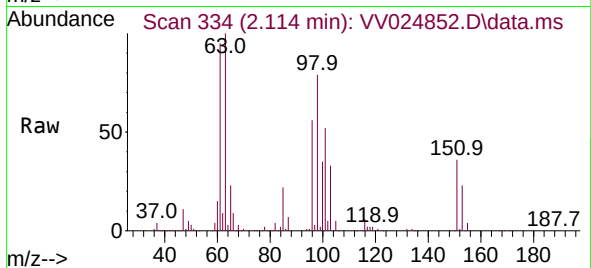




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 82.986 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV024852.D
 Acq: 02 Mar 2022 12:58

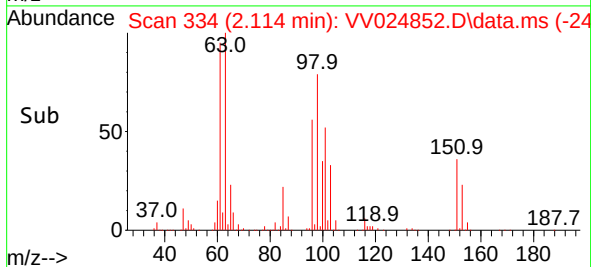
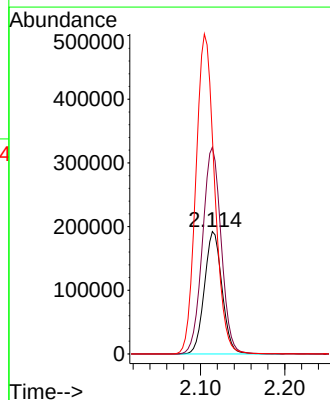
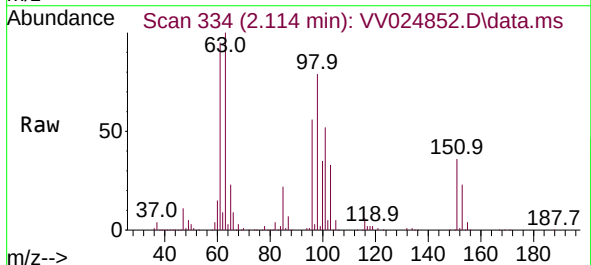
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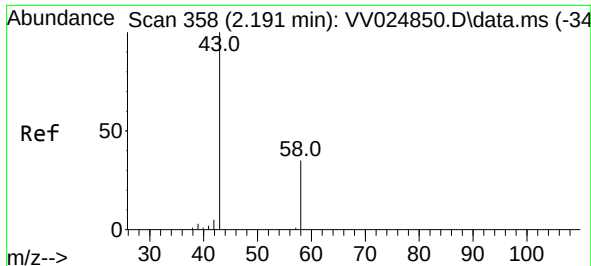
Tgt Ion:101 Resp: 298578
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.8 50.6
 151 68.7 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 83.268 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV024852.D
 Acq: 02 Mar 2022 12:58

Tgt Ion: 96 Resp: 279700
 Ion Ratio Lower Upper
 96 100
 61 168.8 122.1 226.7
 63 177.5 139.5 259.1





#13

Acetone

Concen: 145.563 ug/L

RT: 2.191 min Scan# 358

Delta R.T. -0.000 min

Lab File: VV024852.D

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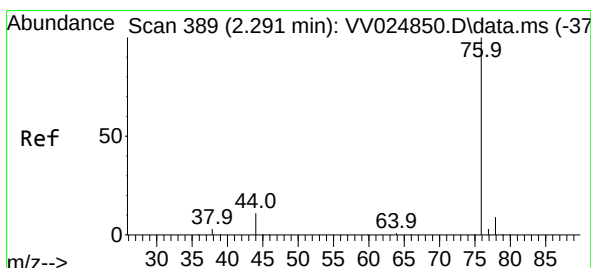
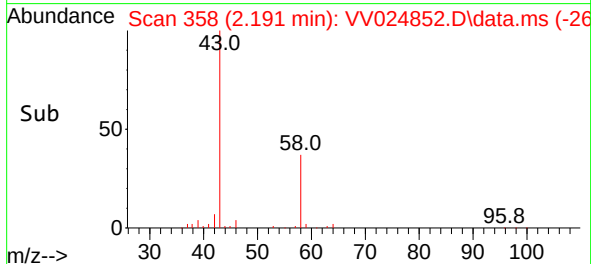
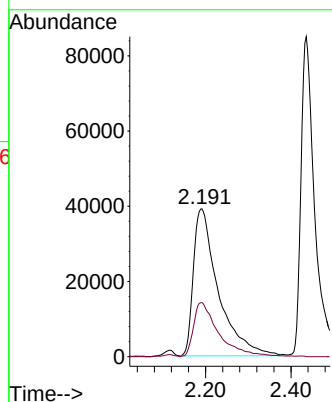
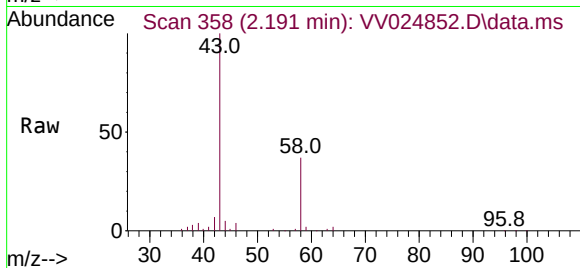
VSTD100205

Tgt Ion: 43 Resp: 158463

Ion Ratio Lower Upper

43 100

58 36.0 0.0 70.0



#14

Carbon disulfide

Concen: 85.720 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV024852.D

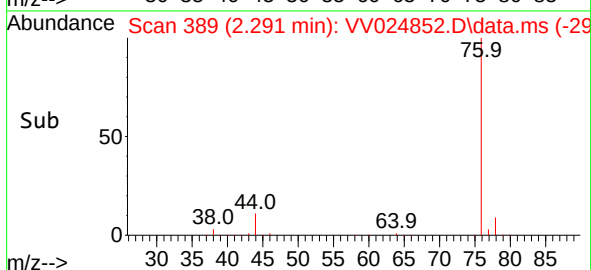
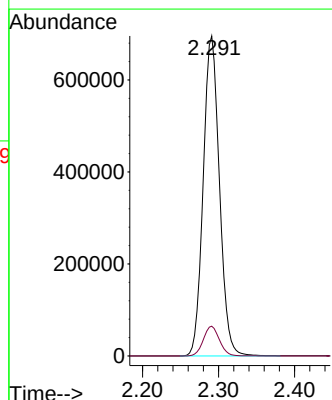
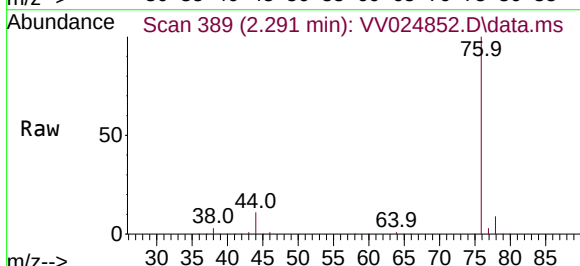
Acq: 02 Mar 2022 12:58

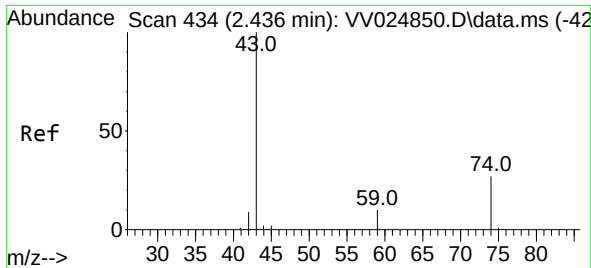
Tgt Ion: 76 Resp: 1033142

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

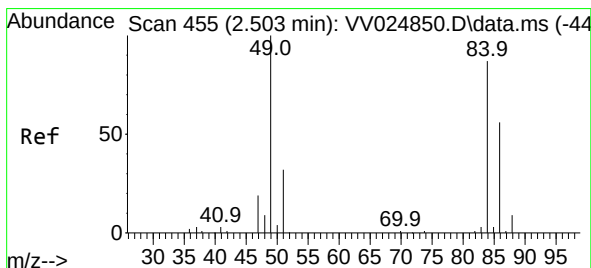
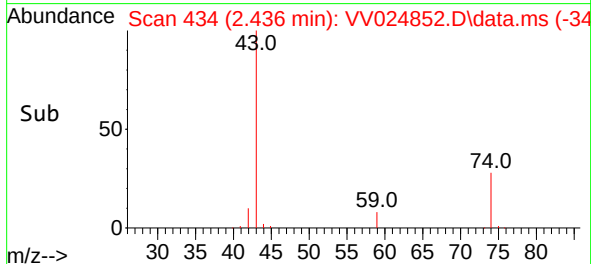
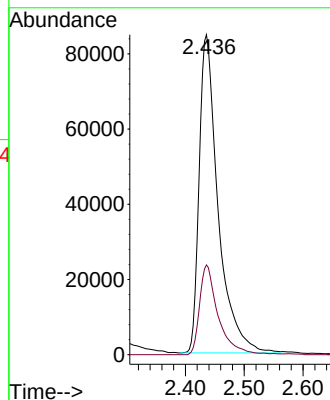
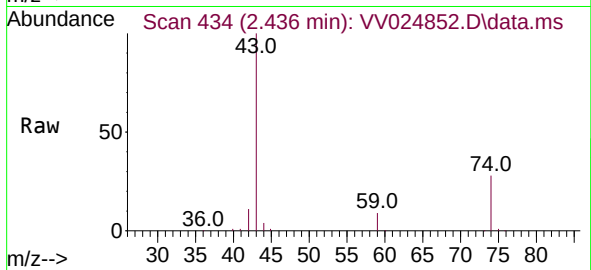




#15
Methyl Acetate
Concen: 114.124 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

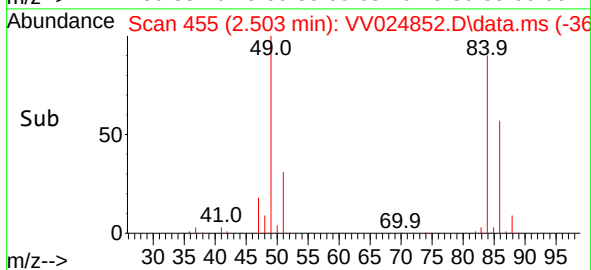
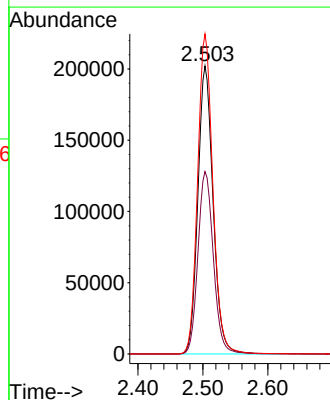
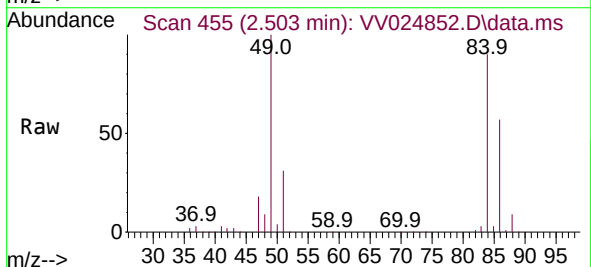
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

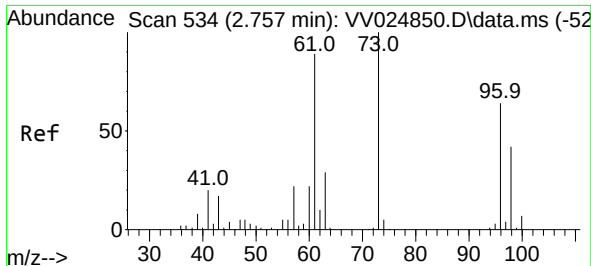
Tgt Ion: 43 Resp: 189664
Ion Ratio Lower Upper
43 100
74 27.3 21.7 32.5



#16
Methylene chloride
Concen: 65.335 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion: 84 Resp: 330292
Ion Ratio Lower Upper
84 100
86 63.3 45.0 83.6
49 111.1 80.4 149.2

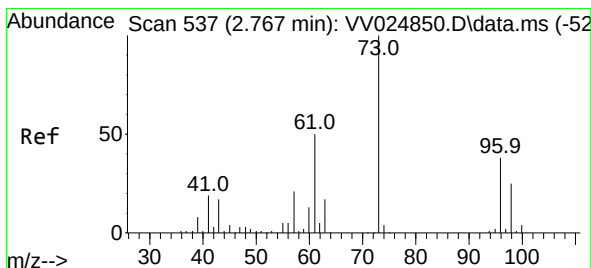
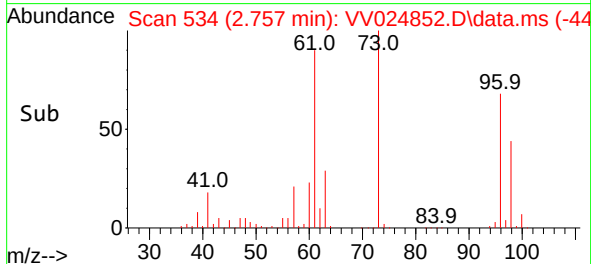
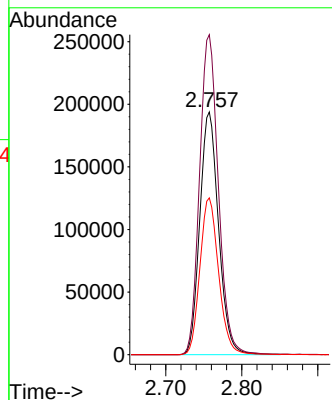
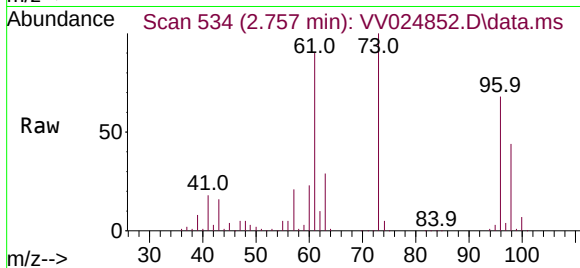




#17
trans-1,2-Dichloroethene
Concen: 83.000 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

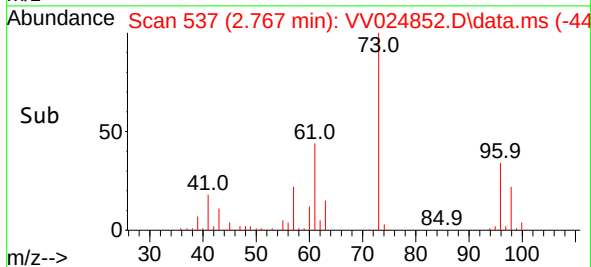
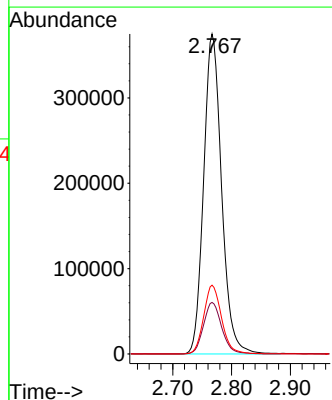
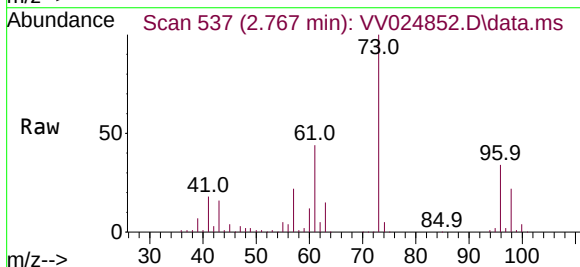
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

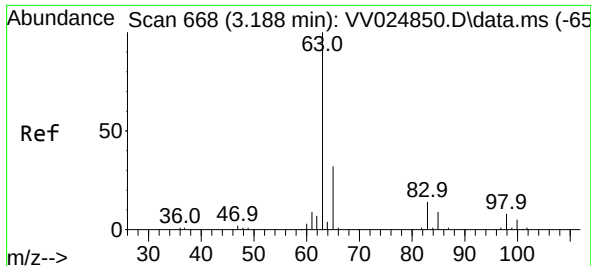
Tgt Ion: 96 Resp: 332193
Ion Ratio Lower Upper
96 100
61 131.8 96.4 179.0
98 64.6 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 87.353 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion: 73 Resp: 793853
Ion Ratio Lower Upper
73 100
43 16.2 13.6 20.4
57 21.5 17.0 25.6





#19

1,1-Dichloroethane

Concen: 85.084 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD100205

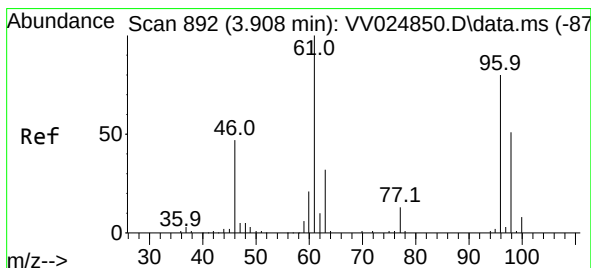
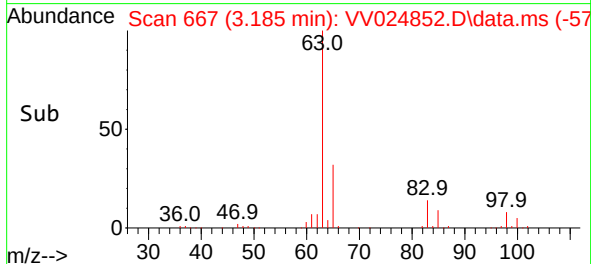
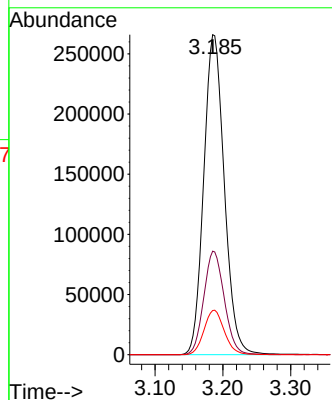
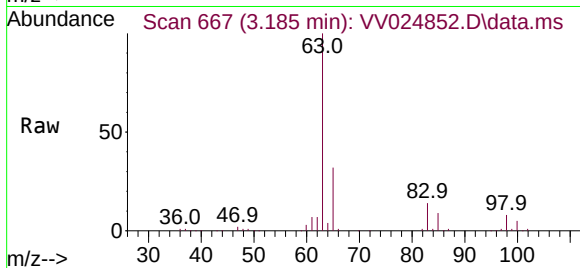
Tgt Ion: 63 Resp: 560974

Ion Ratio Lower Upper

63 100

65 32.4 22.7 42.3

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 85.848 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

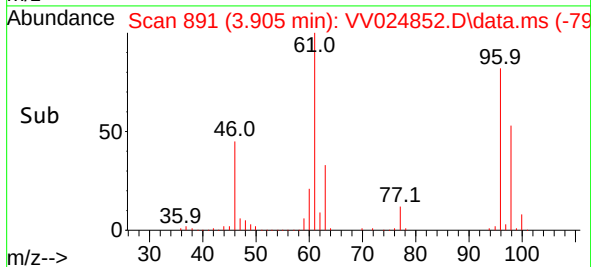
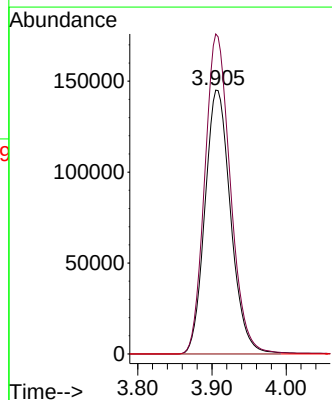
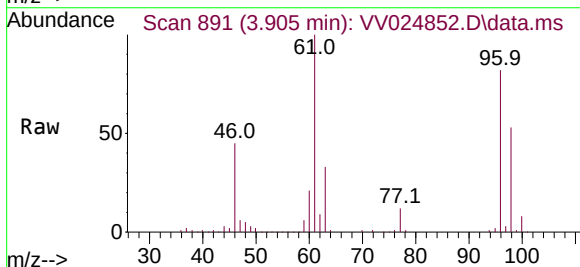
Tgt Ion: 96 Resp: 349357

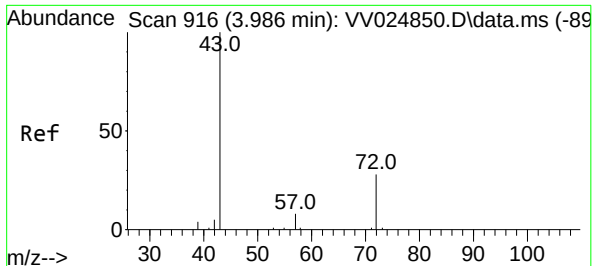
Ion Ratio Lower Upper

96 100

61 121.3 87.4 162.2

68 0.0 0.0 0.0

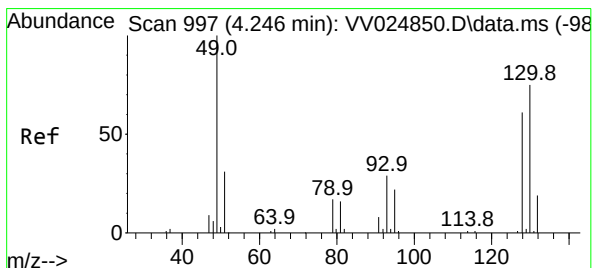
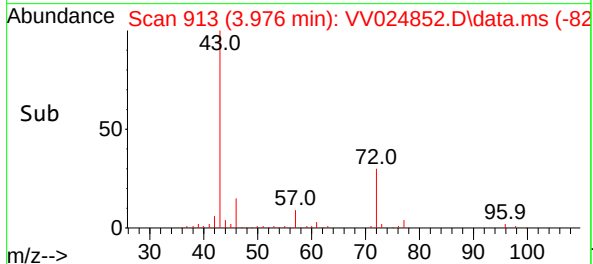
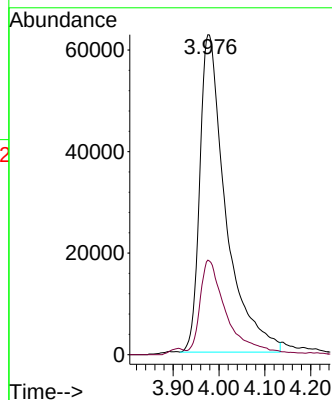
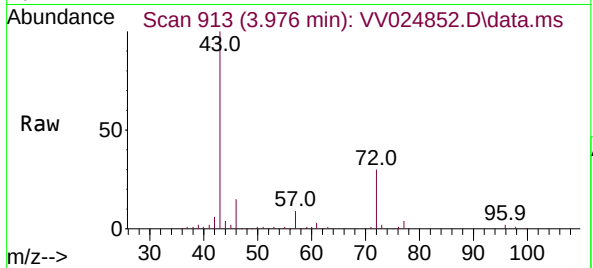




#22
2-Butanone
Concen: 217.096 ug/L
RT: 3.976 min Scan# 916
Delta R.T. -0.010 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

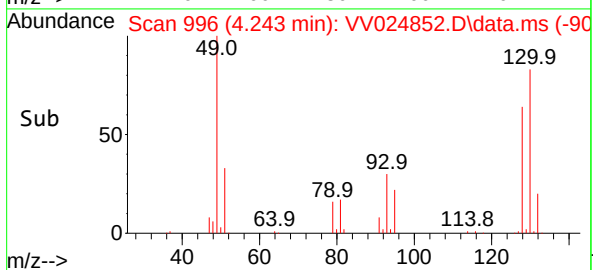
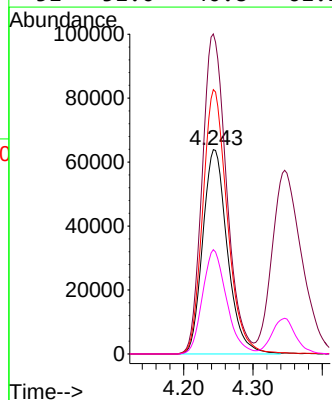
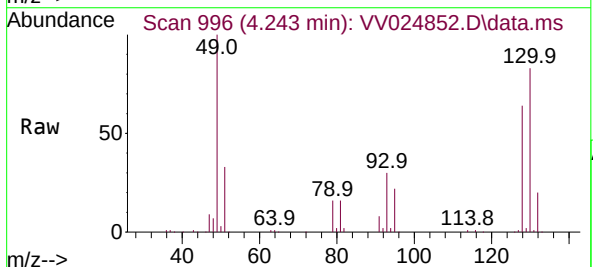
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

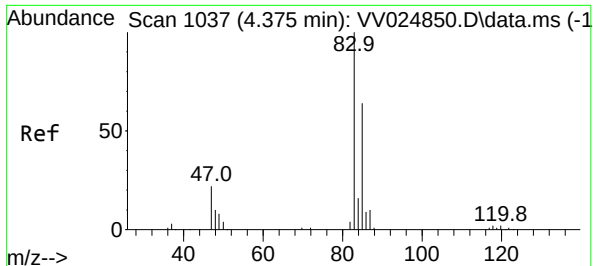
Tgt Ion: 43 Resp: 246625
Ion Ratio Lower Upper
43 100
72 27.6 11.7 35.1



#23
Bromochloromethane
Concen: 77.848 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion: 128 Resp: 157658
Ion Ratio Lower Upper
128 100
49 156.6 115.2 214.0
130 129.3 86.7 160.9
51 51.0 40.8 61.2





#25

Chloroform

Concen: 80.755 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

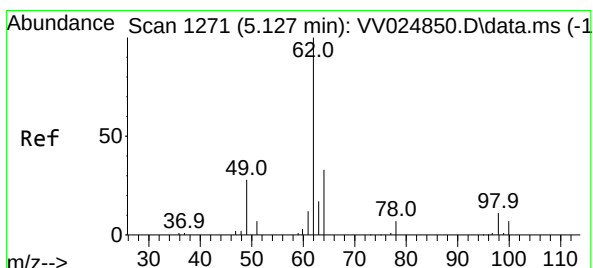
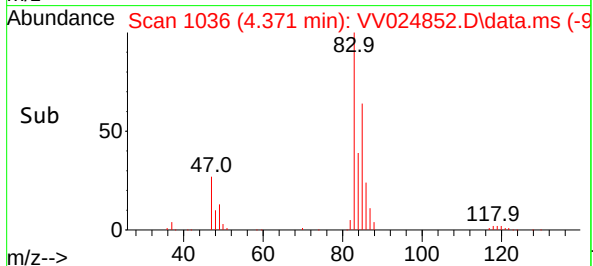
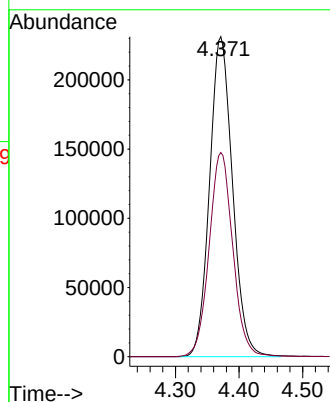
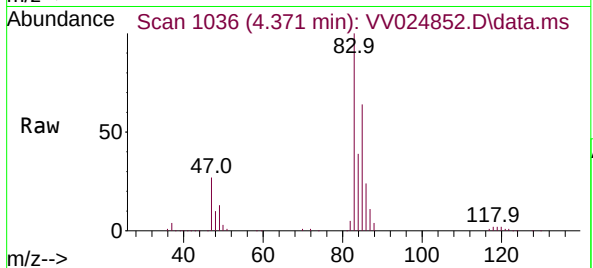
VSTD100205

Tgt Ion: 83 Resp: 579367

Ion Ratio Lower Upper

83 100

85 63.8 45.1 83.9



#27

1,2-Dichloroethane

Concen: 77.942 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV024852.D

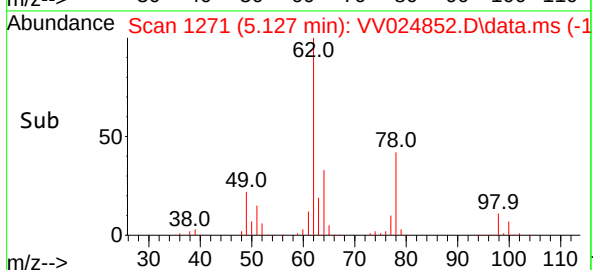
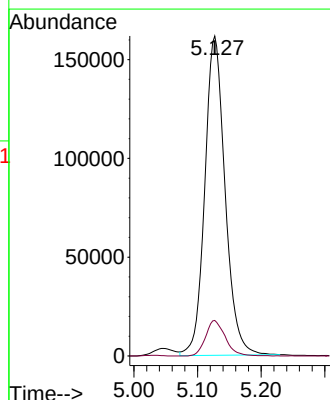
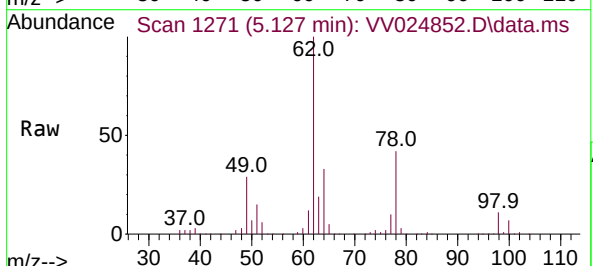
Acq: 02 Mar 2022 12:58

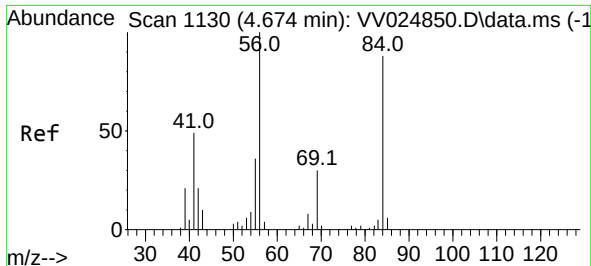
Tgt Ion: 62 Resp: 358410

Ion Ratio Lower Upper

62 100

98 11.1 8.6 13.0

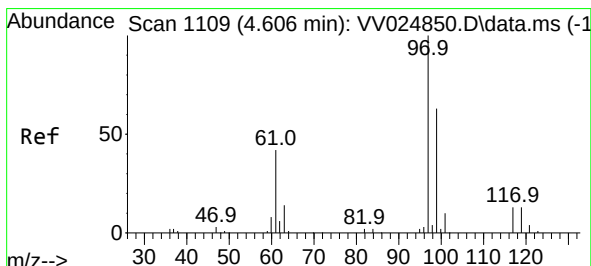
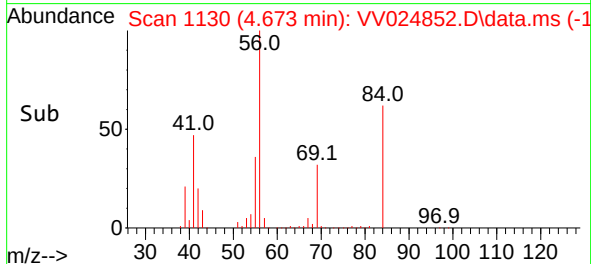
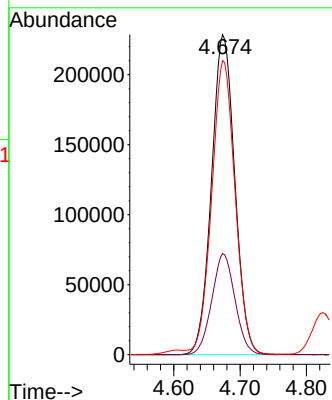
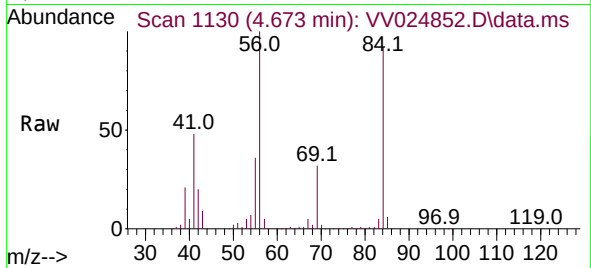




#29
Cyclohexane
Concen: 100.244 ug/L
RT: 4.673 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

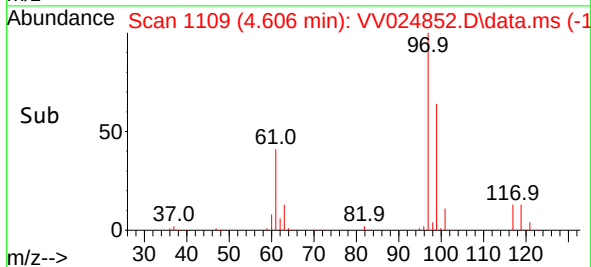
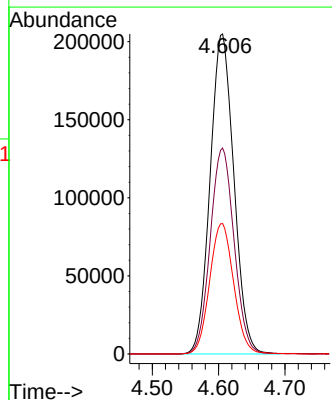
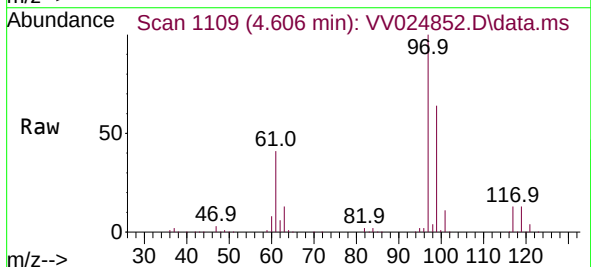
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

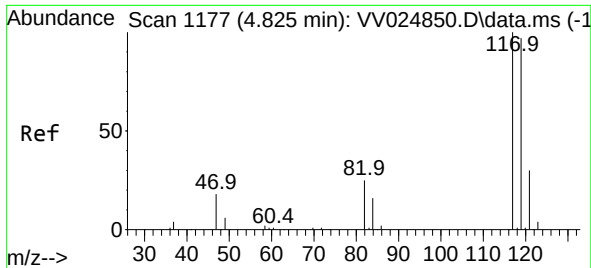
Tgt Ion: 56 Resp: 557697
Ion Ratio Lower Upper
56 100
69 31.4 24.8 37.2
84 92.1 73.6 110.4



#30
1,1,1-Trichloroethane
Concen: 82.874 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion: 97 Resp: 510261
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.4
61 41.3 33.8 50.6

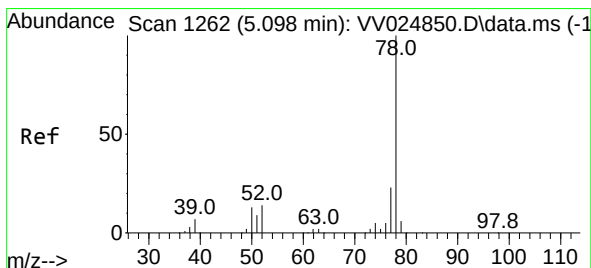
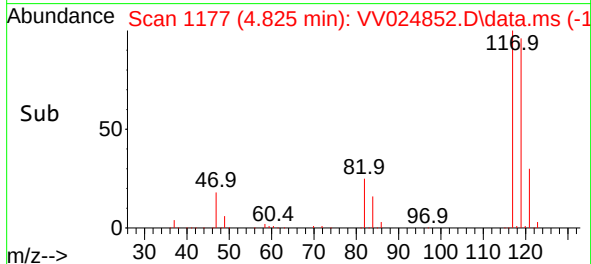
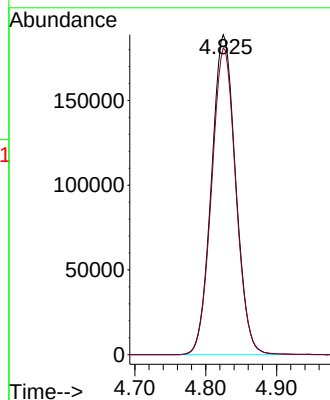
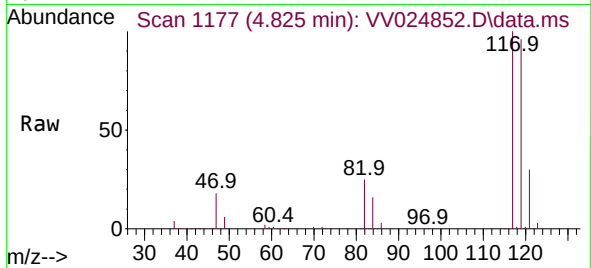




#31
Carbon tetrachloride
Concen: 81.524 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

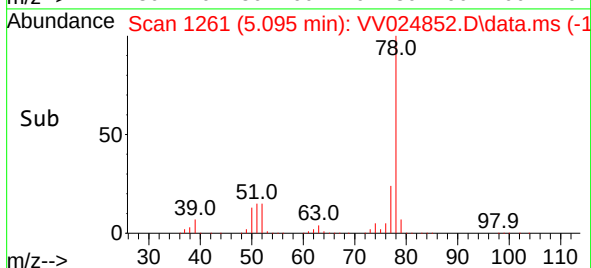
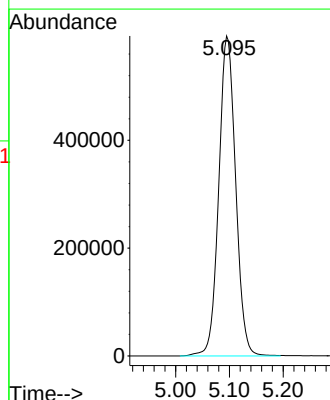
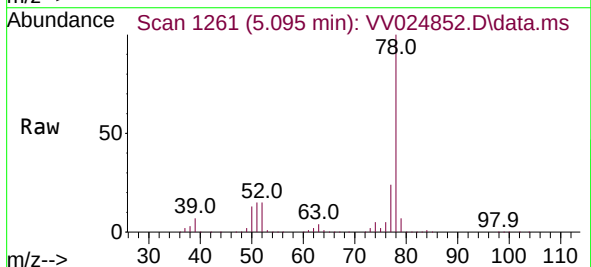
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

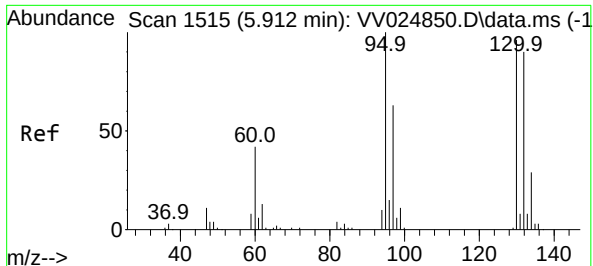
Tgt Ion:117 Resp: 448456
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0



#33
Benzene
Concen: 89.545 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion: 78 Resp: 1296378





#34

Trichloroethene

Concen: 92.937 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD100205

Tgt Ion: 95 Resp: 372784

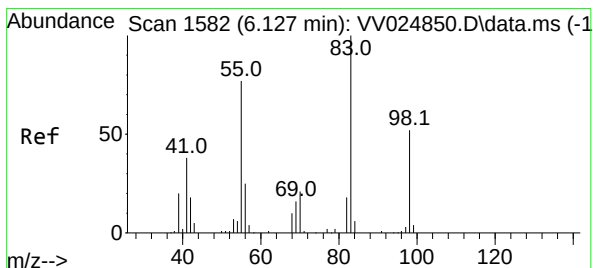
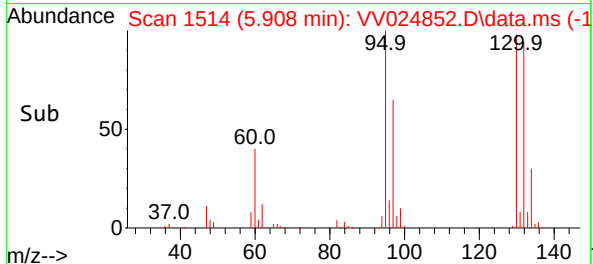
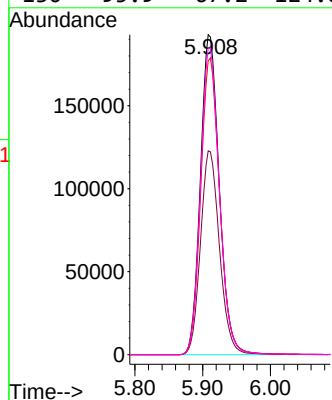
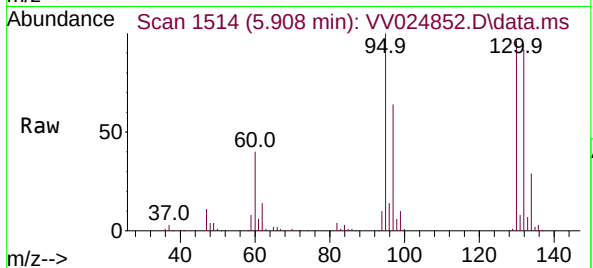
Ion Ratio Lower Upper

95 100

97 63.7 43.8 81.4

132 91.9 63.1 117.1

130 95.9 67.2 124.8



#35

Methylcyclohexane

Concen: 100.147 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

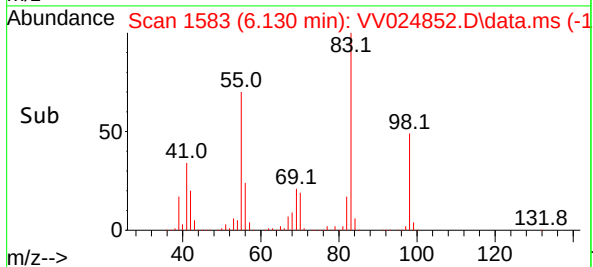
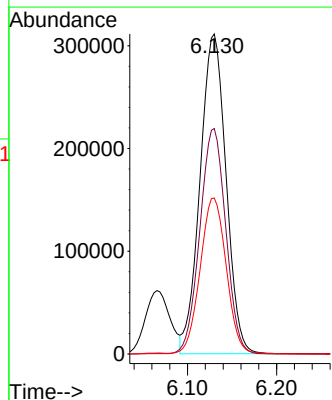
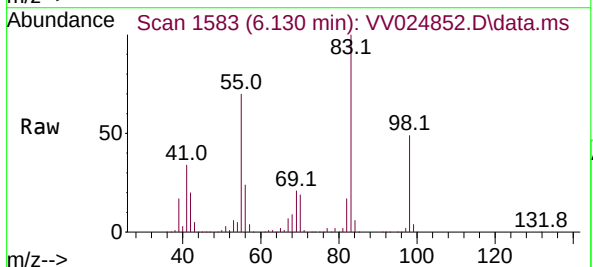
Tgt Ion: 83 Resp: 631112

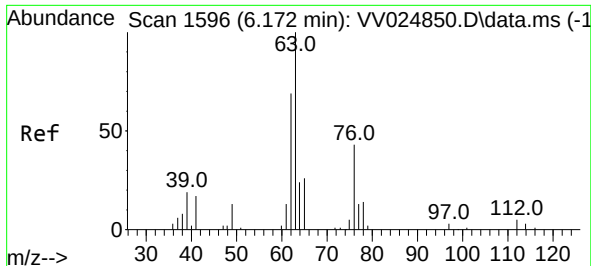
Ion Ratio Lower Upper

83 100

55 70.2 58.3 87.5

98 49.0 39.2 58.8





#37

1,2-Dichloropropane

Concen: 93.421 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

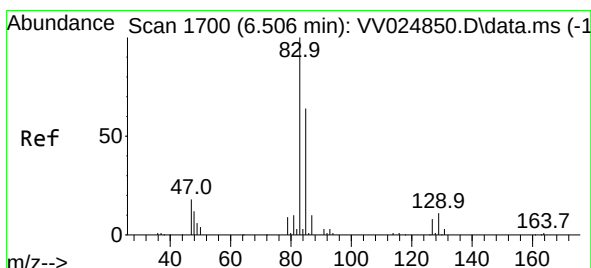
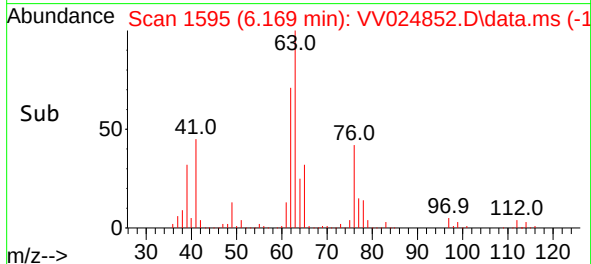
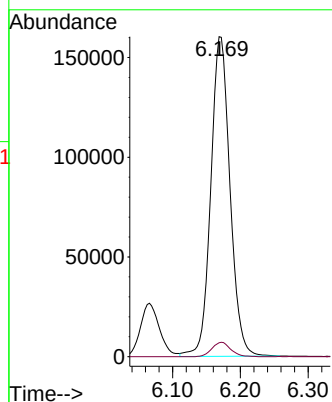
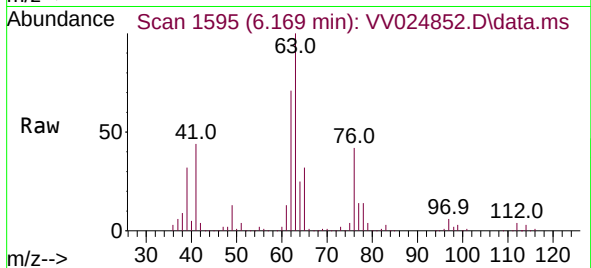
VSTD100205

Tgt Ion: 63 Resp: 315646

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 85.939 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

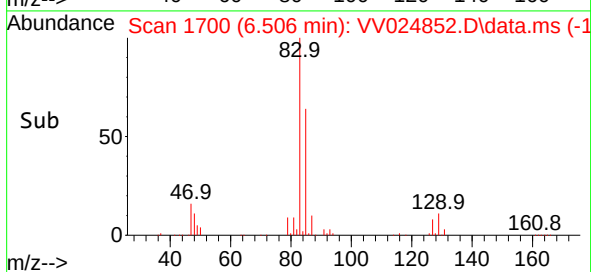
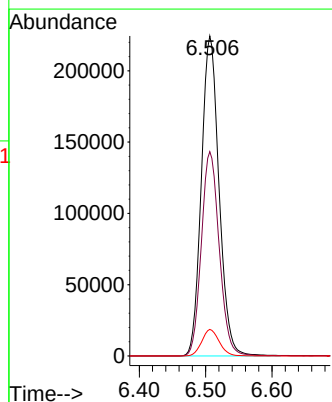
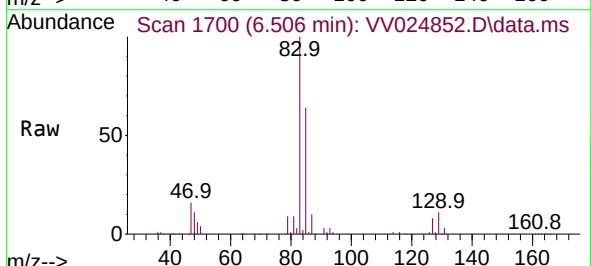
Tgt Ion: 83 Resp: 415626

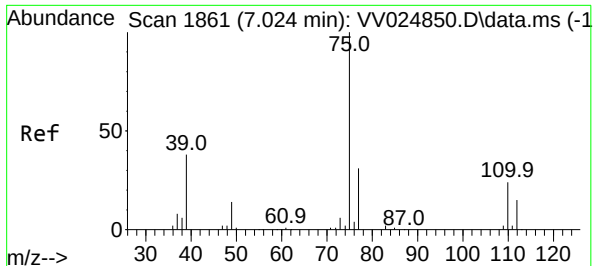
Ion Ratio Lower Upper

83 100

85 63.9 44.8 83.2

127 8.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 94.662 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

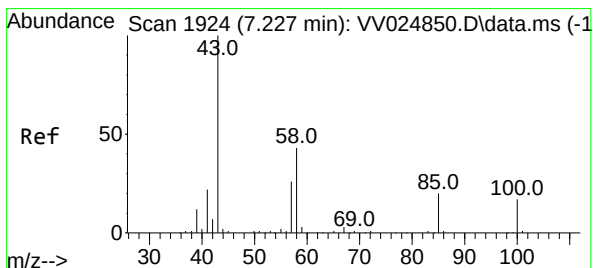
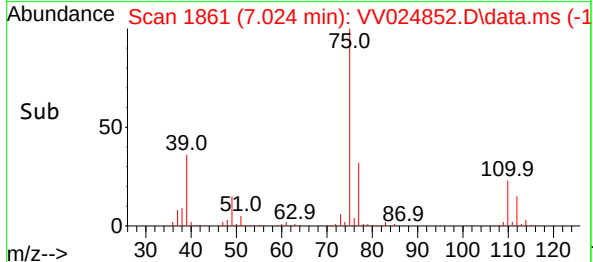
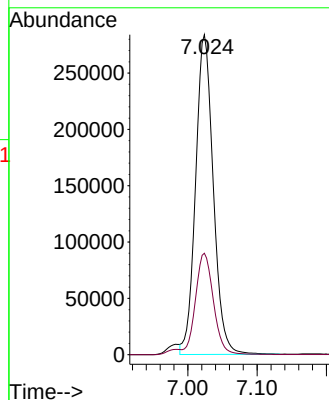
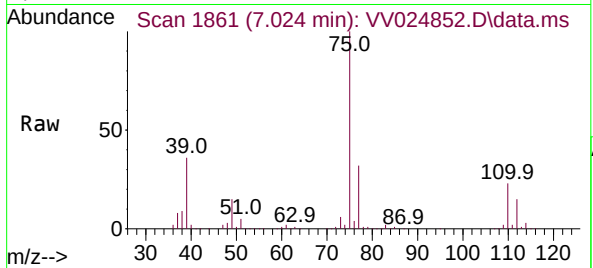
VSTD100205

Tgt Ion: 75 Resp: 503989

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 224.106 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

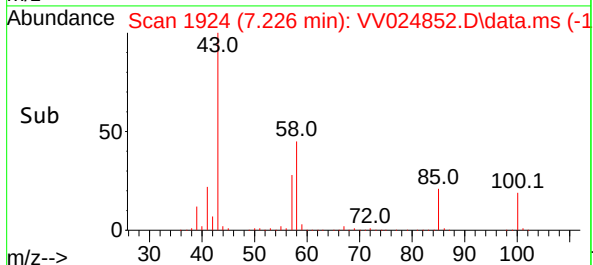
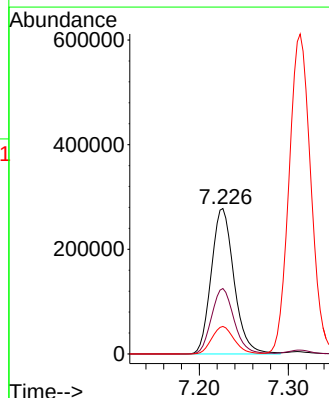
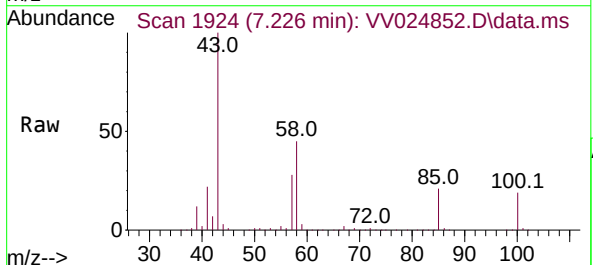
Tgt Ion: 43 Resp: 493149

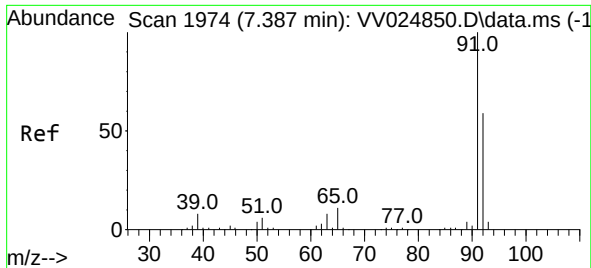
Ion Ratio Lower Upper

43 100

58 44.7 34.9 52.3

100 18.6 13.8 20.6





#42

Toluene

Concen: 89.257 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

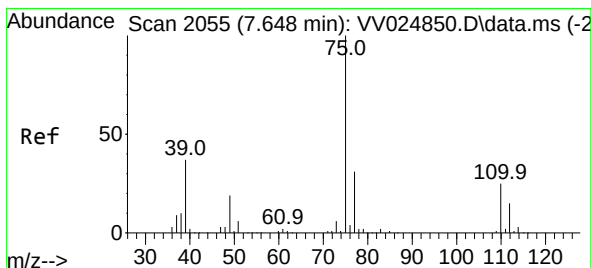
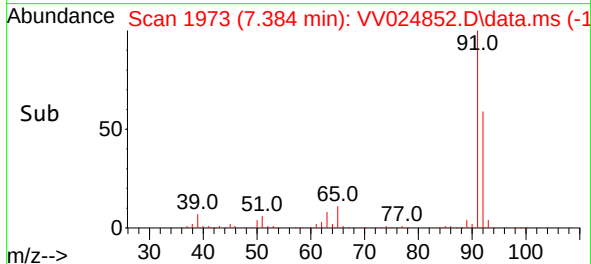
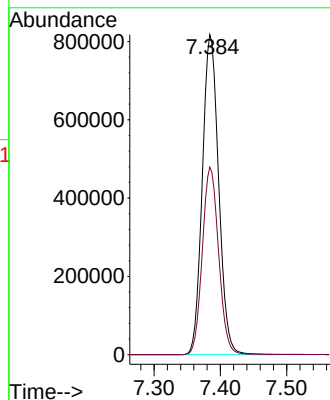
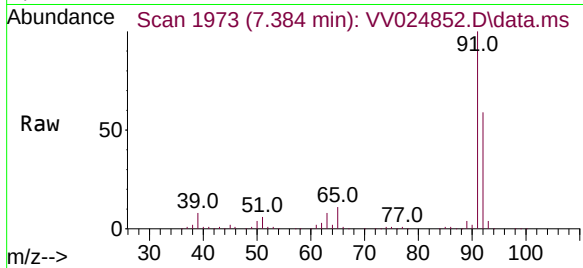
VSTD100205

Tgt Ion: 91 Resp: 1396415

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 94.607 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV024852.D

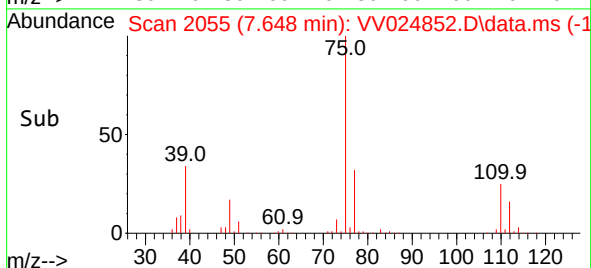
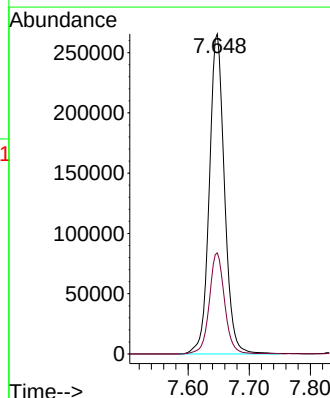
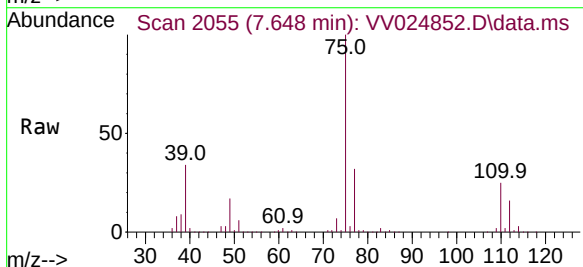
Acq: 02 Mar 2022 12:58

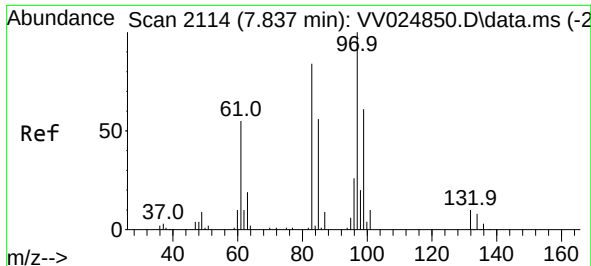
Tgt Ion: 75 Resp: 458453

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 90.054 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD100205

Tgt Ion: 97 Resp: 264923

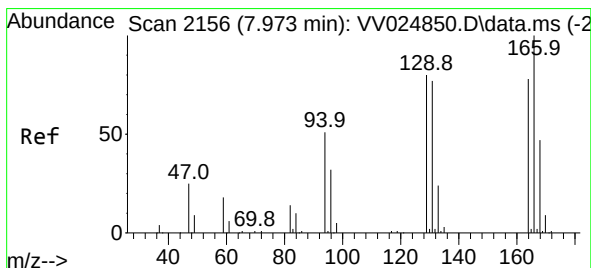
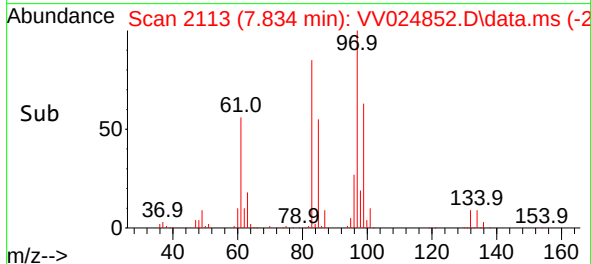
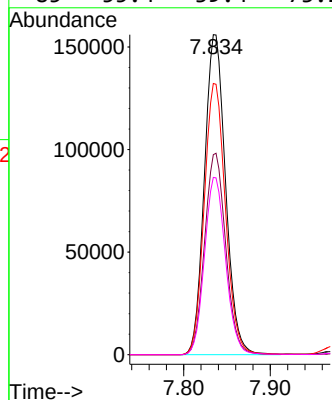
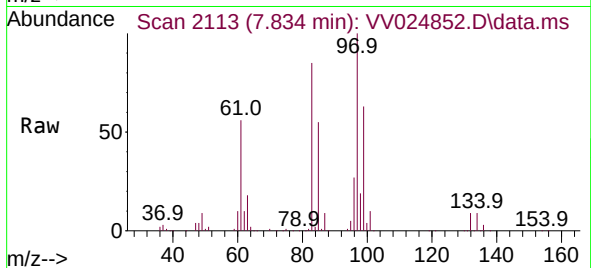
Ion Ratio Lower Upper

97 100

99 62.5 42.5 78.9

83 84.7 58.9 109.3

85 55.4 39.4 73.2



#46

Tetrachloroethene

Concen: 72.501 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Tgt Ion:164 Resp: 245936

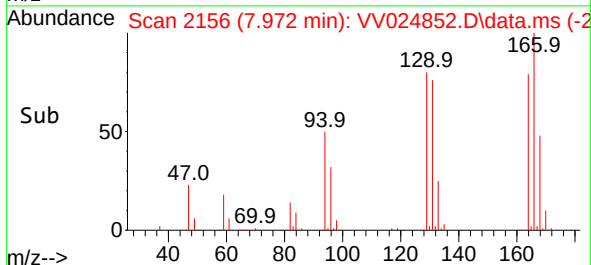
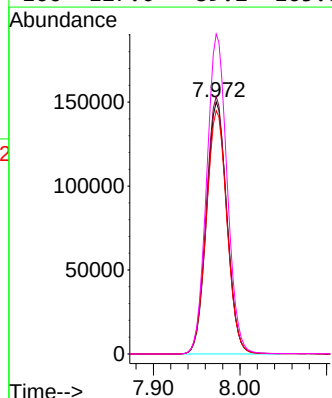
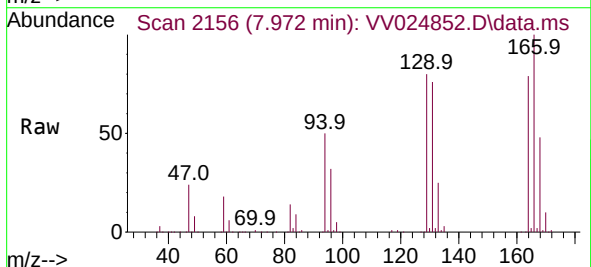
Ion Ratio Lower Upper

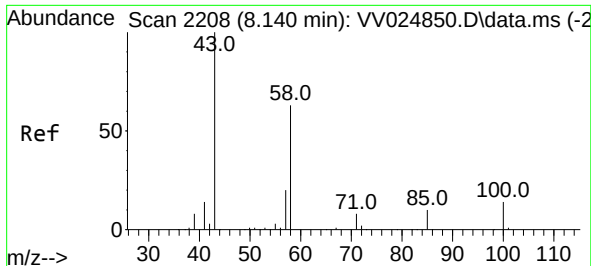
164 100

129 102.2 71.5 132.9

131 96.6 68.8 127.8

166 127.0 89.2 165.8



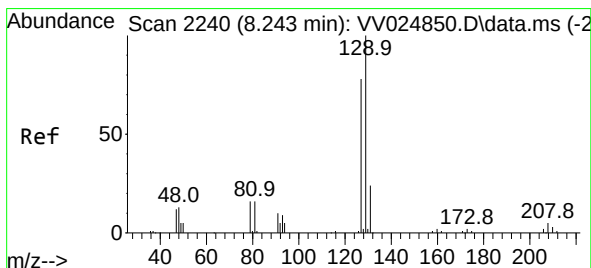
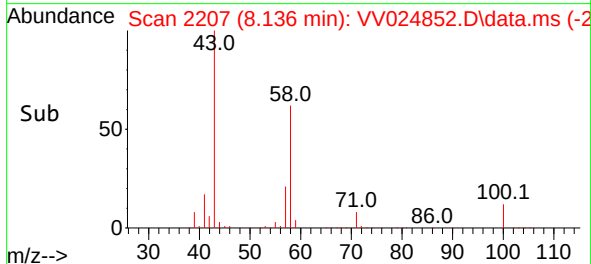
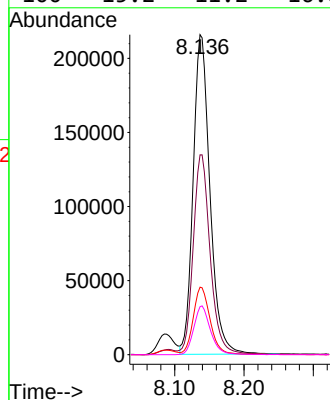
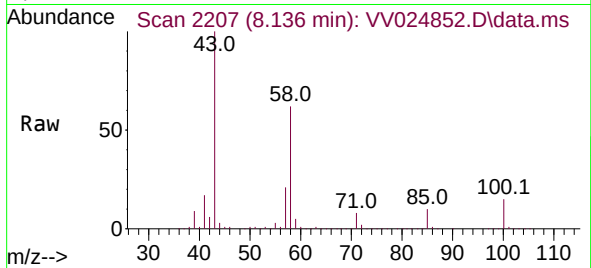


#48
2-Hexanone
Concen: 224.928 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

Tgt Ion: 43 Resp: 364863

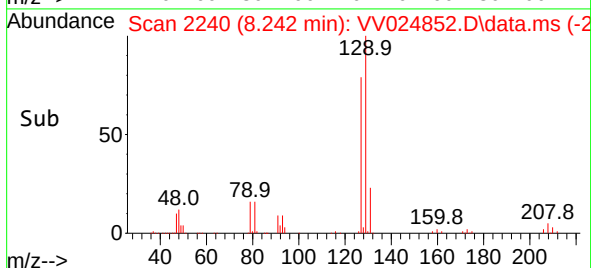
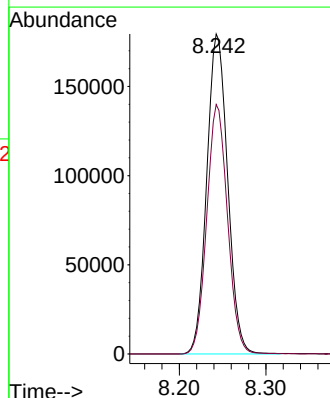
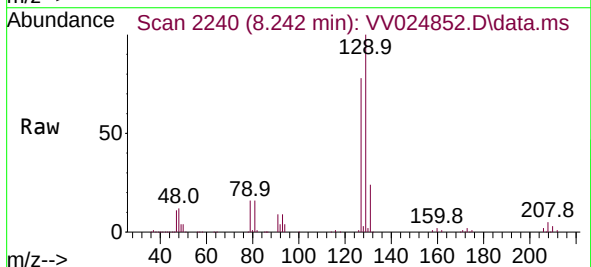
Ion	Ratio	Lower	Upper
43	100		
58	63.2	47.6	71.4
57	21.4	17.0	25.6
100	15.2	11.2	16.8

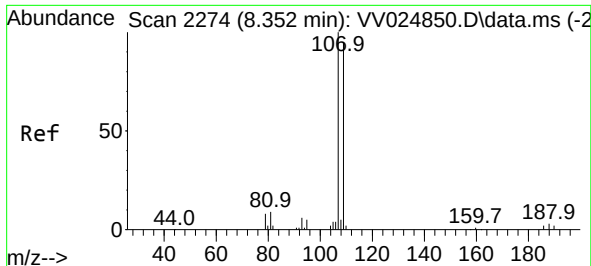


#49
Dibromochloromethane
Concen: 82.385 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion: 129 Resp: 300986

Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.9	101.9





#50

1,2-Dibromoethane

Concen: 93.127 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD100205

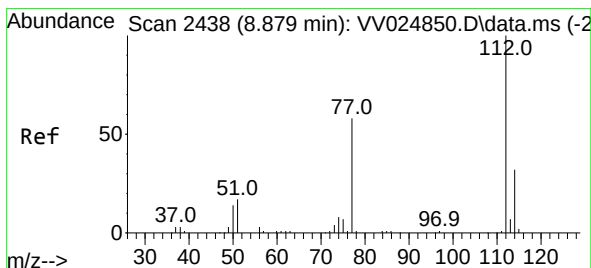
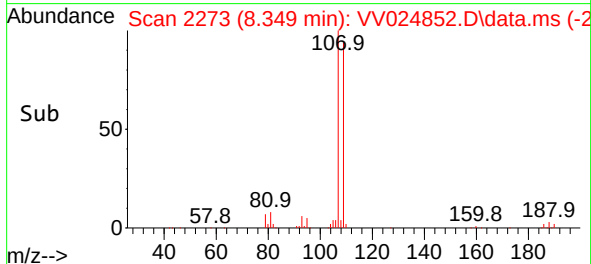
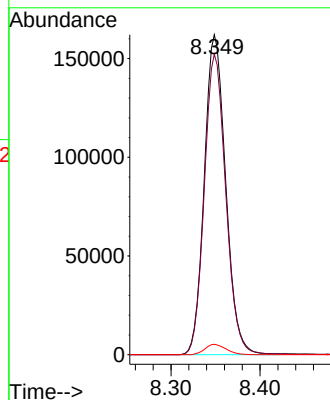
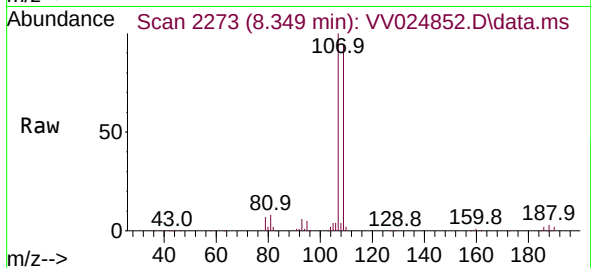
Tgt Ion:107 Resp: 270709

Ion Ratio Lower Upper

107 100

109 93.9 66.6 123.8

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 81.710 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

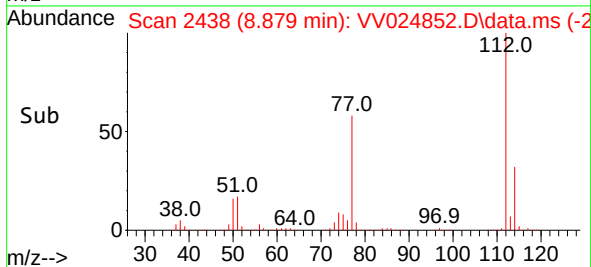
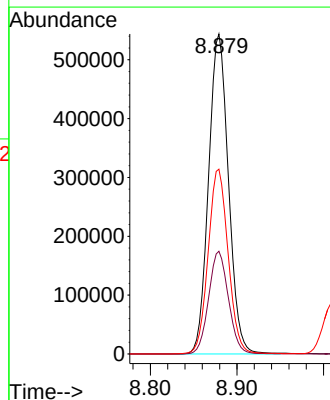
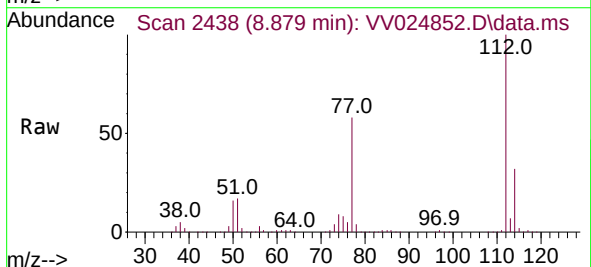
Tgt Ion:112 Resp: 867189

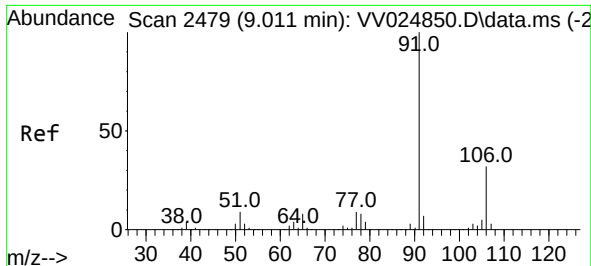
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.9

77 57.7 47.2 70.8

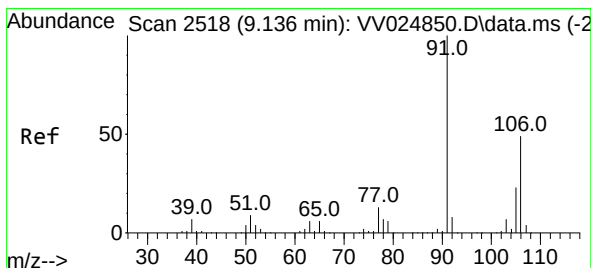
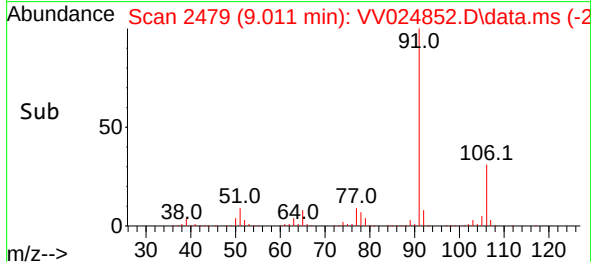
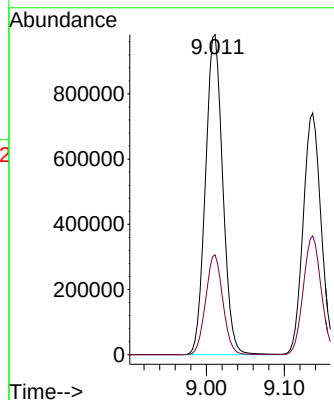
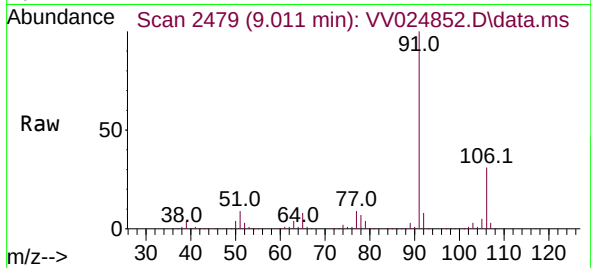




#52
Ethylbenzene
Concen: 90.057 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

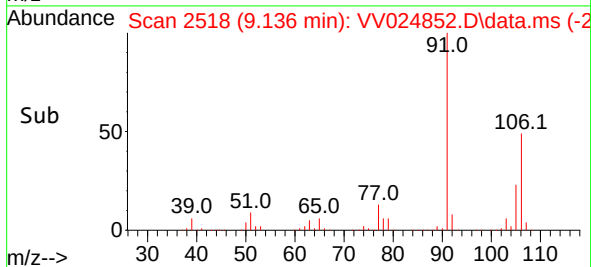
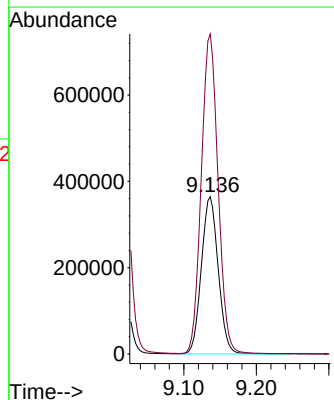
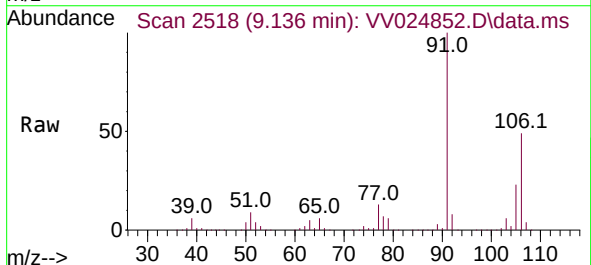
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

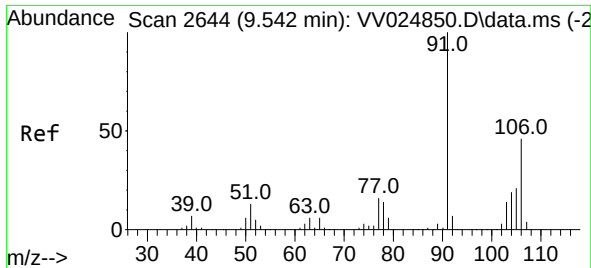
Tgt Ion: 91 Resp: 1518164
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-Xylene
Concen: 88.580 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion:106 Resp: 587827
Ion Ratio Lower Upper
106 100
91 203.4 141.8 263.4

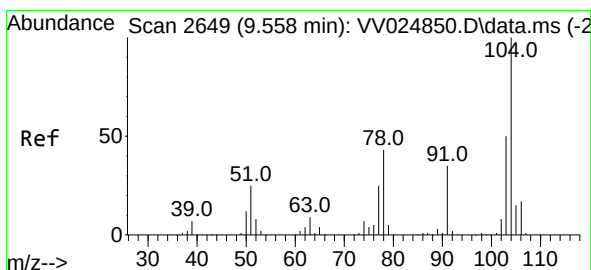
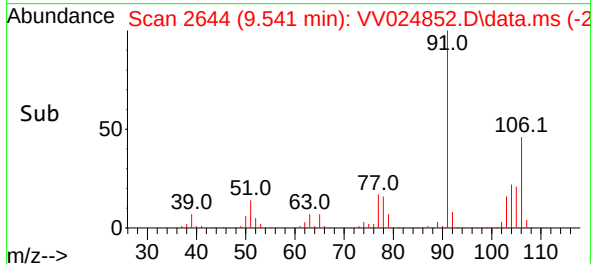
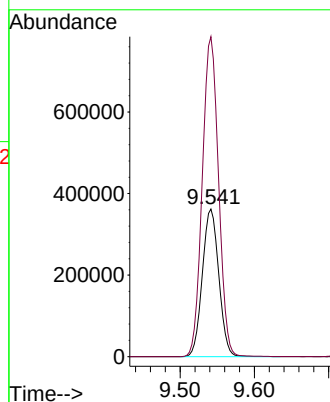
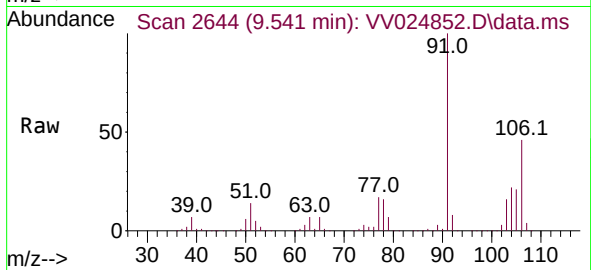




#54
o-Xylene
Concen: 88.353 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

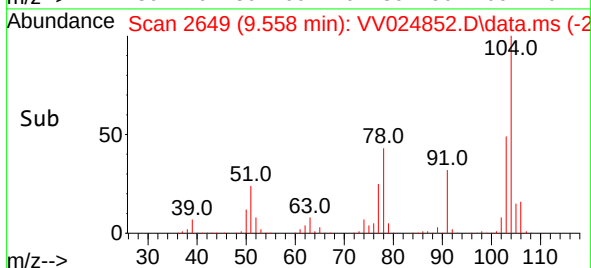
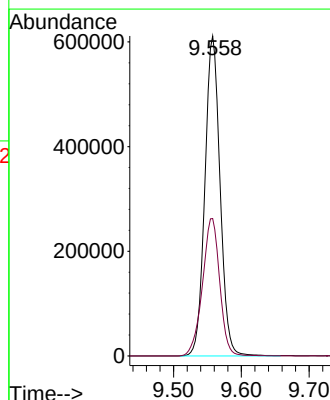
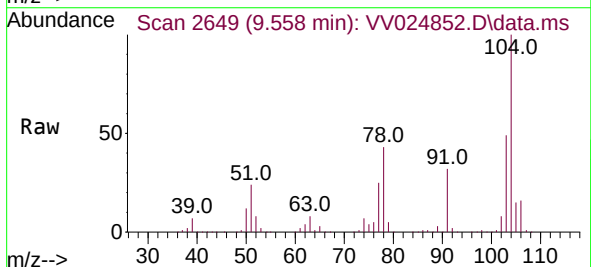
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

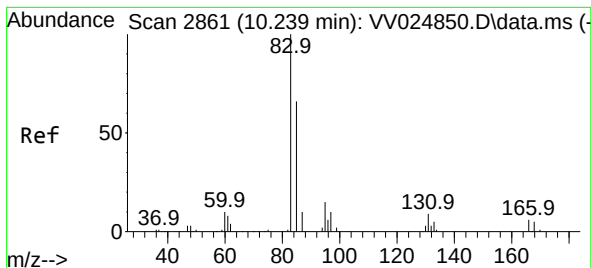
Tgt Ion:106 Resp: 556057
Ion Ratio Lower Upper
106 100
91 216.7 152.1 282.5



#55
Styrene
Concen: 88.006 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion:104 Resp: 952239
Ion Ratio Lower Upper
104 100
78 43.0 30.5 56.7

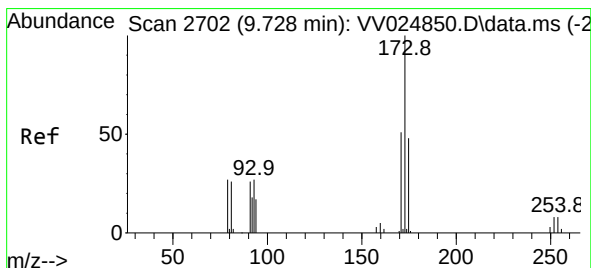
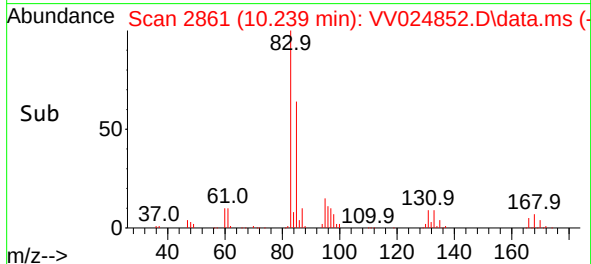
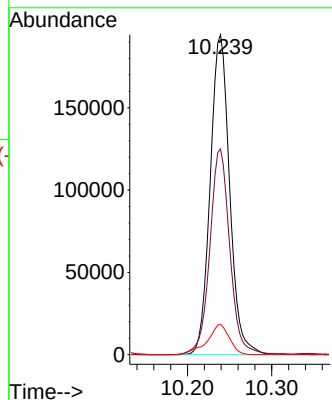
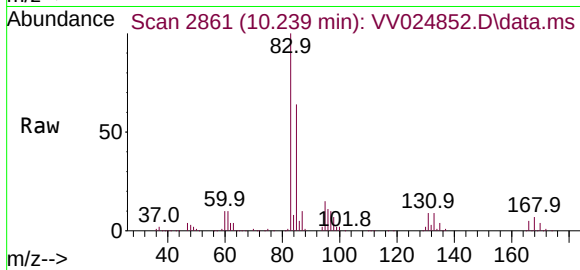




#57
1,1,2,2-Tetrachloroethane
Concen: 93.901 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

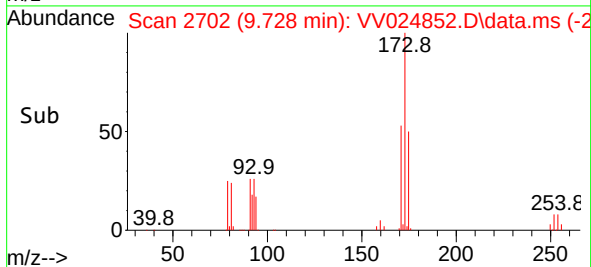
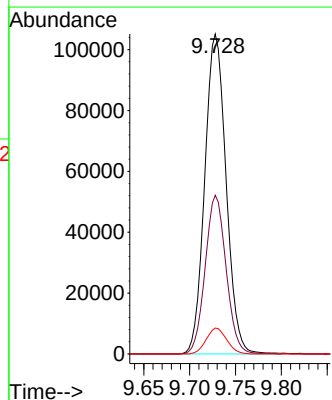
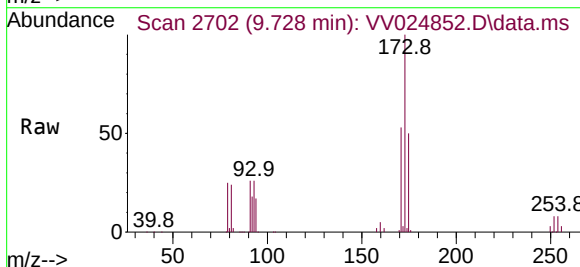
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

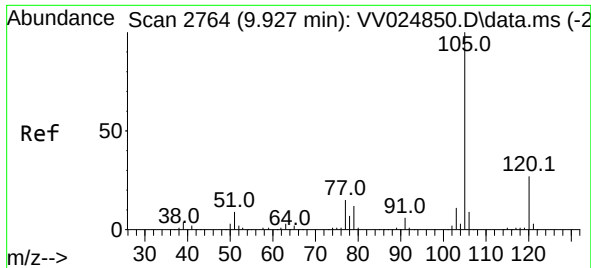
Tgt Ion: 83 Resp: 311385
Ion Ratio Lower Upper
83 100
85 64.3 46.5 86.3
131 9.5 7.8 11.8



#59
Bromoform
Concen: 87.700 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion: 173 Resp: 170073
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 7.8 6.2 9.2

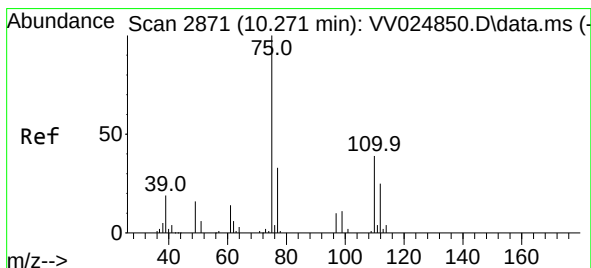
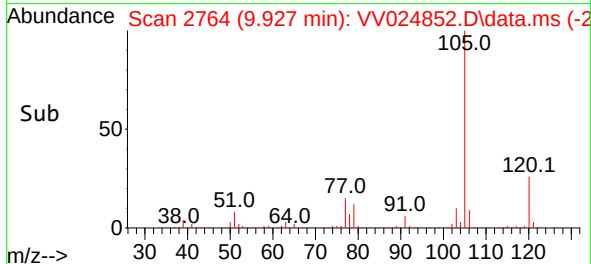
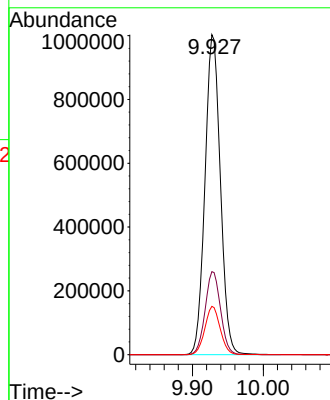
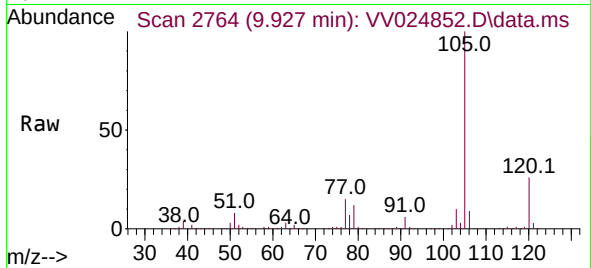




#60
Isopropylbenzene
Concen: 100.543 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

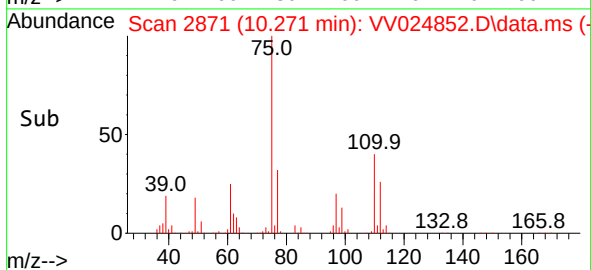
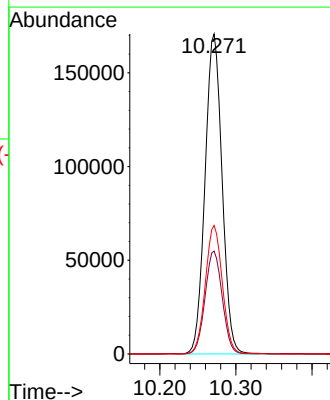
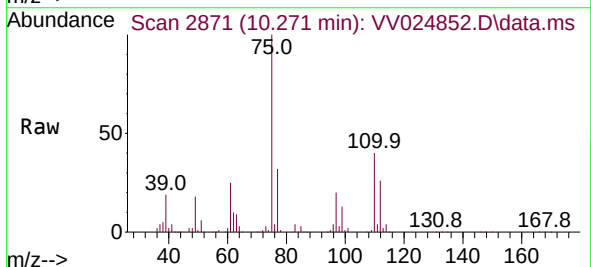
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

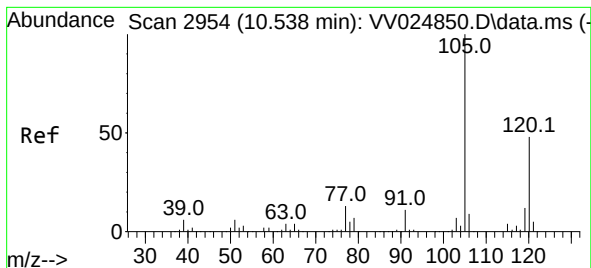
Tgt Ion:105 Resp: 1511624
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.0 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 114.875 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion: 75 Resp: 266030
Ion Ratio Lower Upper
75 100
77 32.3 26.7 40.1
110 40.1 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 85.042 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

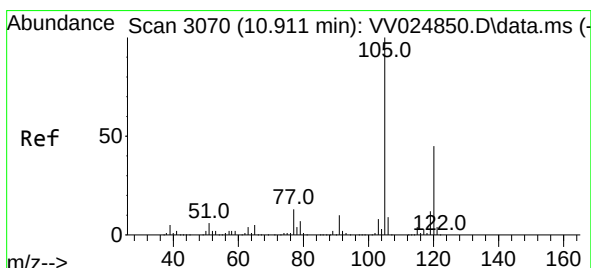
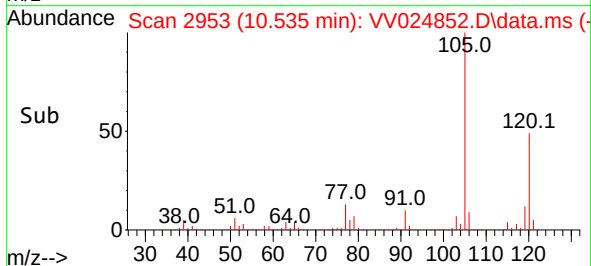
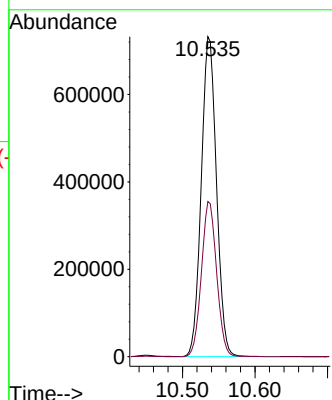
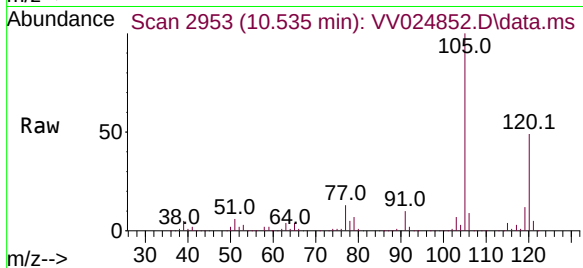
VSTD100205

Tgt Ion:105 Resp: 1065245

Ion Ratio Lower Upper

105 100

120 48.5 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 99.912 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024852.D

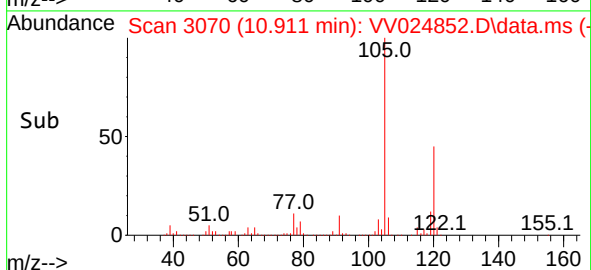
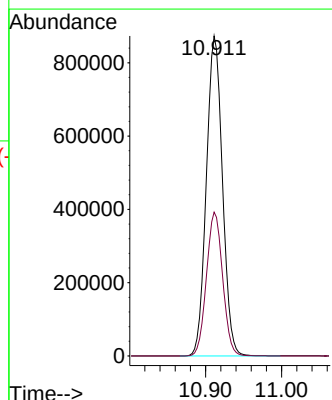
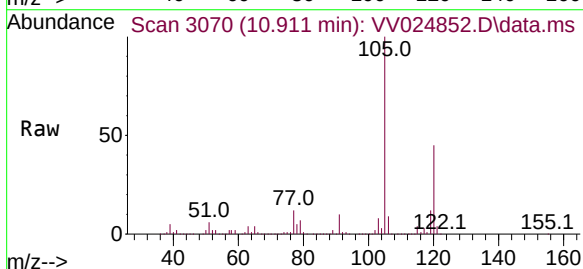
Acq: 02 Mar 2022 12:58

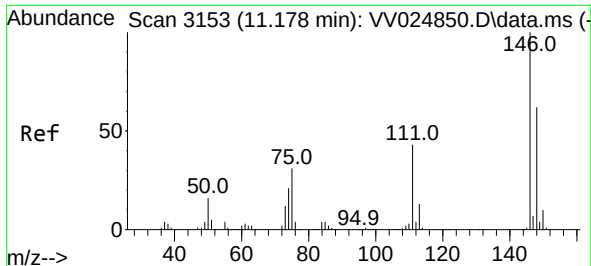
Tgt Ion:105 Resp: 1284699

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.8

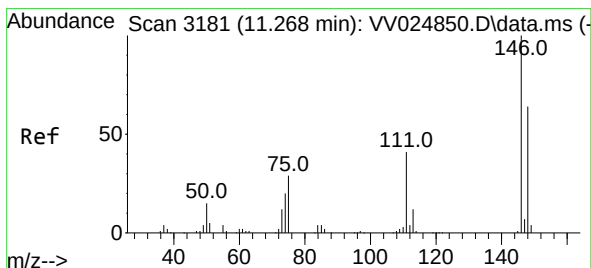
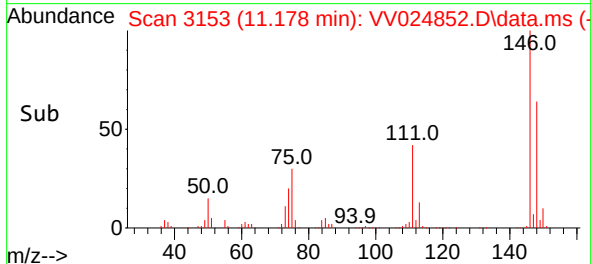
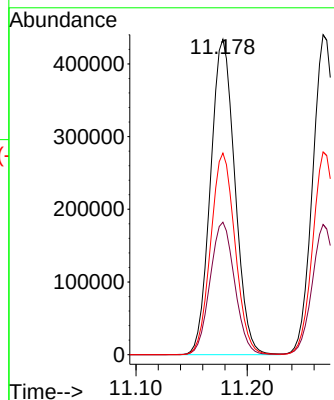
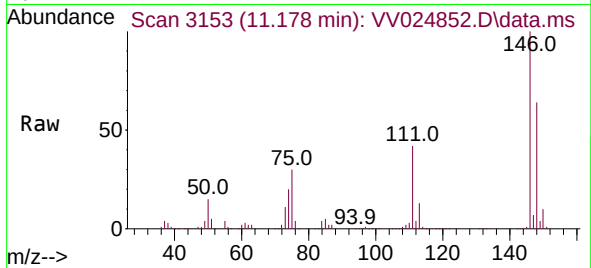




#64
1,3-Dichlorobenzene
Concen: 85.174 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

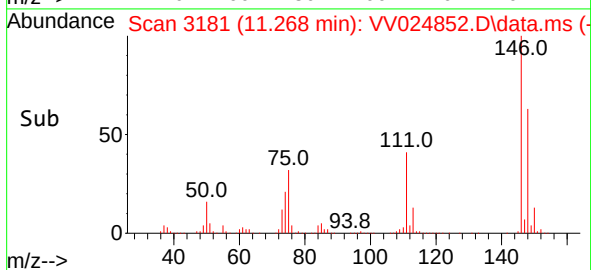
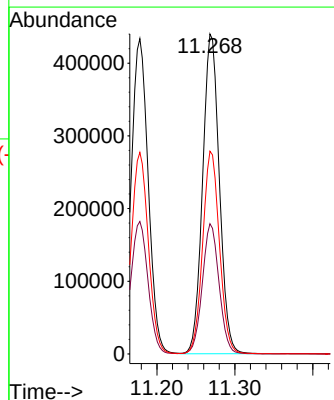
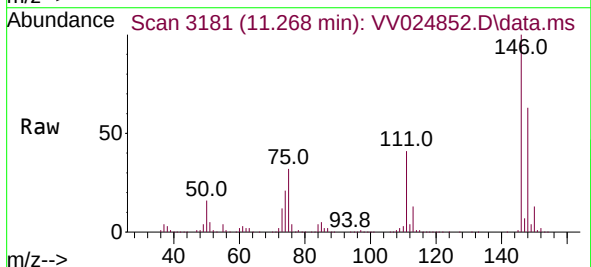
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

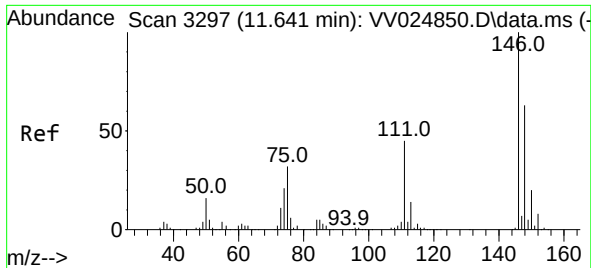
Tgt Ion:146 Resp: 661392
Ion Ratio Lower Upper
146 100
111 42.0 30.0 55.6
148 63.9 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 83.012 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

Tgt Ion:146 Resp: 655881
Ion Ratio Lower Upper
146 100
111 40.7 29.2 54.2
148 63.3 45.1 83.7

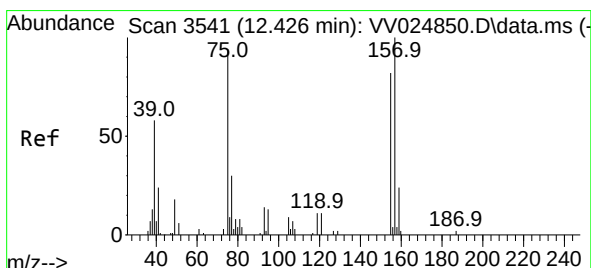
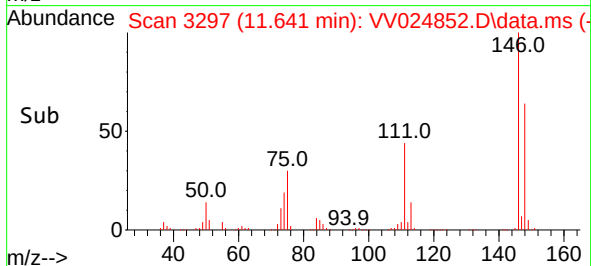
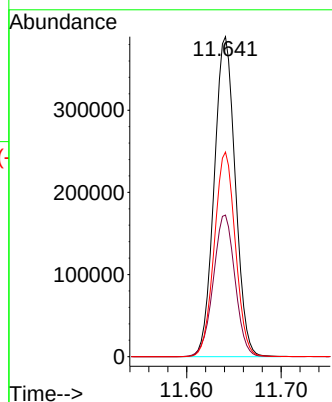
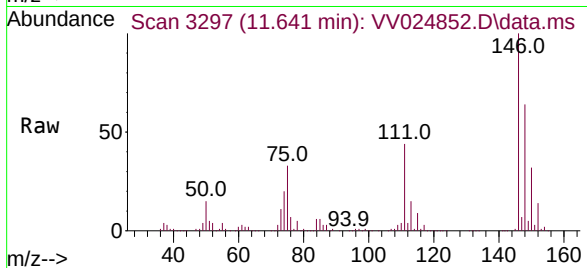




#67
1,2-Dichlorobenzene
Concen: 84.741 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

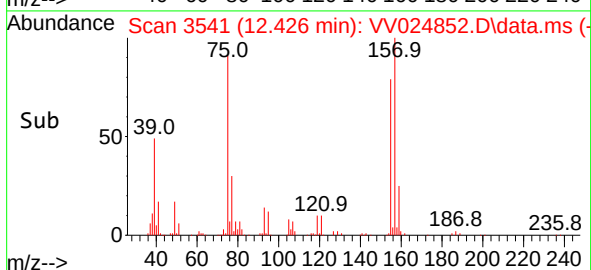
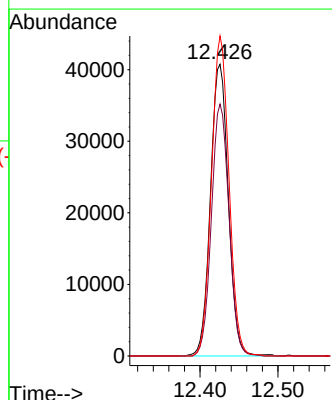
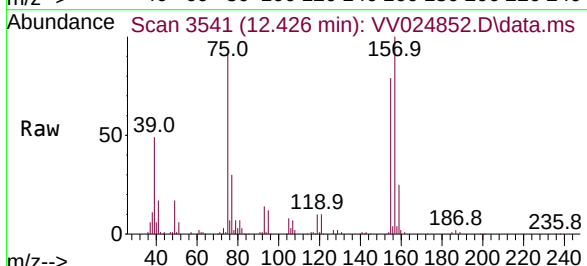
Instrument :
MSVOA_V
ClientSampleId :
VSTD100205

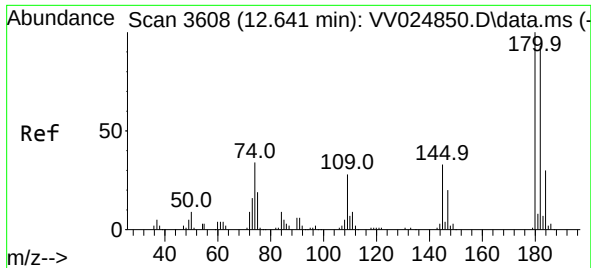
Tgt Ion:146 Resp: 603959
Ion Ratio Lower Upper
146 100
111 44.3 36.4 54.6
148 64.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 118.470 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024852.D
Acq: 02 Mar 2022 12:58

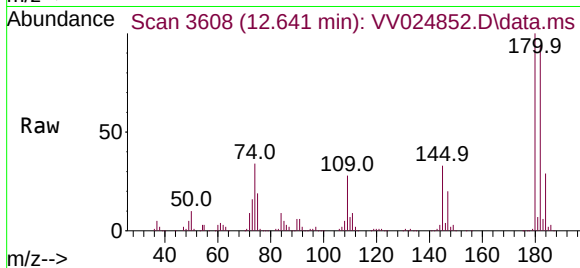
Tgt Ion: 75 Resp: 65092
Ion Ratio Lower Upper
75 100
155 86.3 69.8 104.6
157 109.7 85.3 127.9



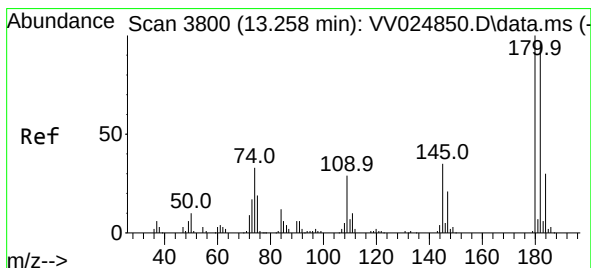
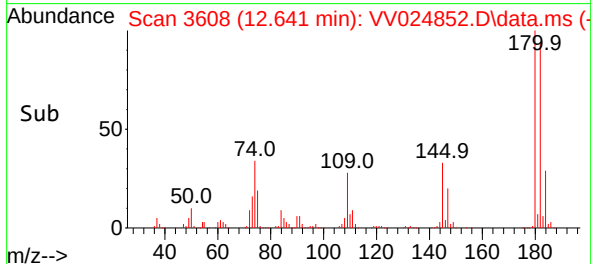
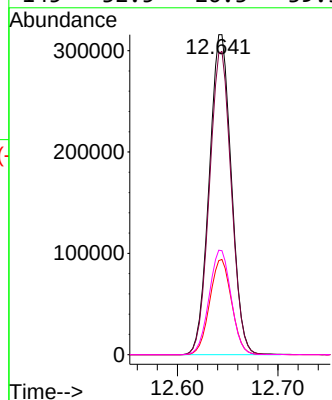


#69
 1,3,5-Trichlorobenzene
 Concen: 80.156 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV024852.D
 Acq: 02 Mar 2022 12:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100205

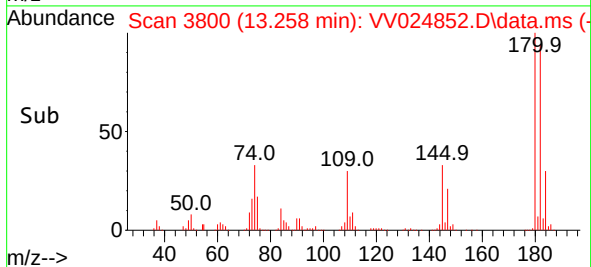
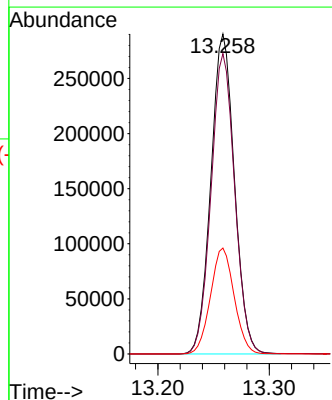
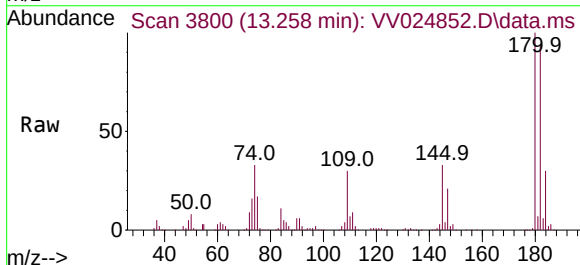


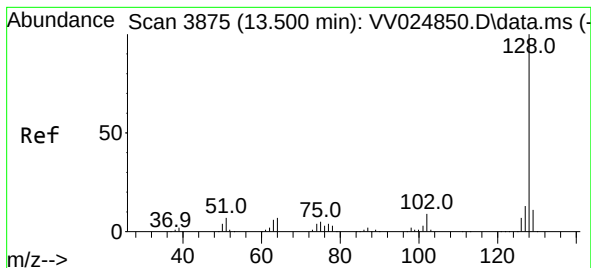
Tgt Ion:180 Resp: 481810
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.8 113.8
 184 29.5 24.2 36.4
 145 32.5 26.3 39.5



#70
 1,2,4-trichlorobenzene
 Concen: 86.091 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024852.D
 Acq: 02 Mar 2022 12:58

Tgt Ion:180 Resp: 426598
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.0 114.0
 145 33.3 27.0 40.4





#71

Naphthalene

Concen: 118.305 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD100205

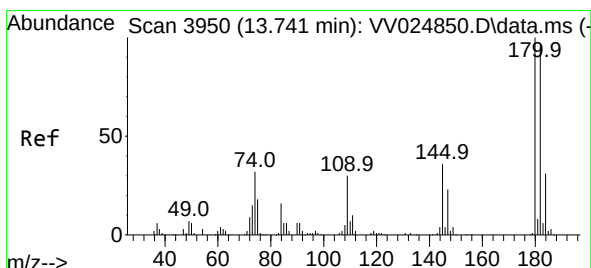
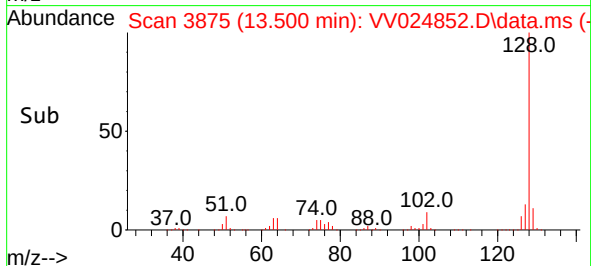
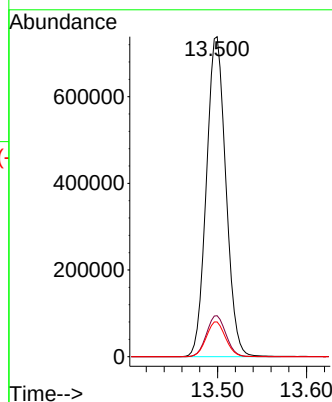
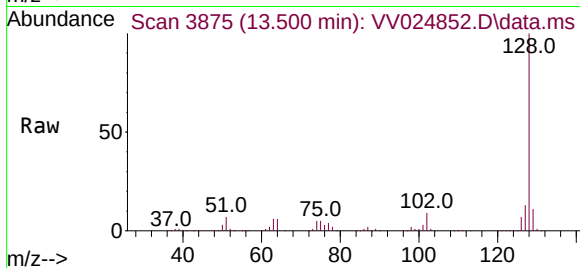
Tgt Ion:128 Resp: 1118342

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 87.082 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV024852.D

Acq: 02 Mar 2022 12:58

Tgt Ion:180 Resp: 390415

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 35.4 28.3 42.5

