

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030222\
 Data File : VW024848.D
 Acq On : 02 Mar 2022 11:23
 Operator : SY/MD
 Sample : VSTD2.501
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.5201

Quant Time: Mar 03 02:35:17 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	5.613	114	311744	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	295304	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	141550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	10693	2.482	ug/L	0.00
7) Chloroethane-d5	1.568	69	8808	2.587	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	20844	2.585	ug/L	0.00
21) 2-Butanone-d5	4.043	46	160	0.127	ug/L	0.14
24) Chloroform-d	4.352	84	19095	2.221	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	9343	1.978	ug/L	0.00
32) Benzene-d6	5.053	84	37574	2.305	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	11088	2.319	ug/L	0.00
41) Toluene-d8	7.320	98	33409	2.192	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	4209	1.962	ug/L	0.01
47) 2-Hexanone-d5	8.104	63	3453	3.708	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.217	84	9372	2.235	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11785	2.211	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	14642	2.507	ug/L	98
3) Chloromethane	1.243	50	14725	2.797	ug/L	98
5) Vinyl chloride	1.310	62	15151	2.968	ug/L	98
6) Bromomethane	1.523	94	9452	2.793	ug/L	96
8) Chloroethane	1.584	64	9359	3.001	ug/L	99
9) Trichlorofluoromethane	1.754	101	20093	2.565	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	12363	2.970	ug/L	98
12) 1,1-Dichloroethene	2.118	96	11363	2.924	ug/L #	71
13) Acetone	2.101	43	118	0.094	ug/L	62
14) Carbon disulfide	2.294	76	38240	2.742	ug/L	100
15) Methyl Acetate	2.442	43	6204	3.226	ug/L	91
16) Methylene chloride	2.507	84	14361	2.455	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	12164	2.627	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	27773	2.641	ug/L	99
19) 1,1-Dichloroethane	3.191	63	21389	2.804	ug/L	99
20) cis-1,2-Dichloroethene	3.921	96	12959	2.752	ug/L	100
22) 2-Butanone	4.027	43	3936	2.994	ug/L #	57
23) Bromochloromethane	4.259	128	5511	2.352	ug/L	92
25) Chloroform	4.381	83	22073	2.659	ug/L	95
27) 1,2-Dichloroethane	5.140	62	13790	2.592	ug/L	100
29) Cyclohexane	4.677	56	19790	3.015	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	19059	2.623	ug/L	98
31) Carbon tetrachloride	4.828	117	16217	2.498	ug/L	97
33) Benzene	5.105	78	47530	2.782	ug/L	100
34) Trichloroethene	5.915	95	13902	2.937	ug/L	97
35) Methylcyclohexane	6.130	83	22109	2.973	ug/L	98
37) 1,2-Dichloropropane	6.175	63	11438	2.869	ug/L	99
38) Bromodichloromethane	6.513	83	14595	2.558	ug/L #	92
39) cis-1,3-Dichloropropene	7.031	75	15305	2.436	ug/L	97
40) 4-Methyl-2-pentanone	7.236	43	14022	5.400	ug/L	98
42) Toluene	7.391	91	48903	2.649	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	13925	2.435	ug/L	96

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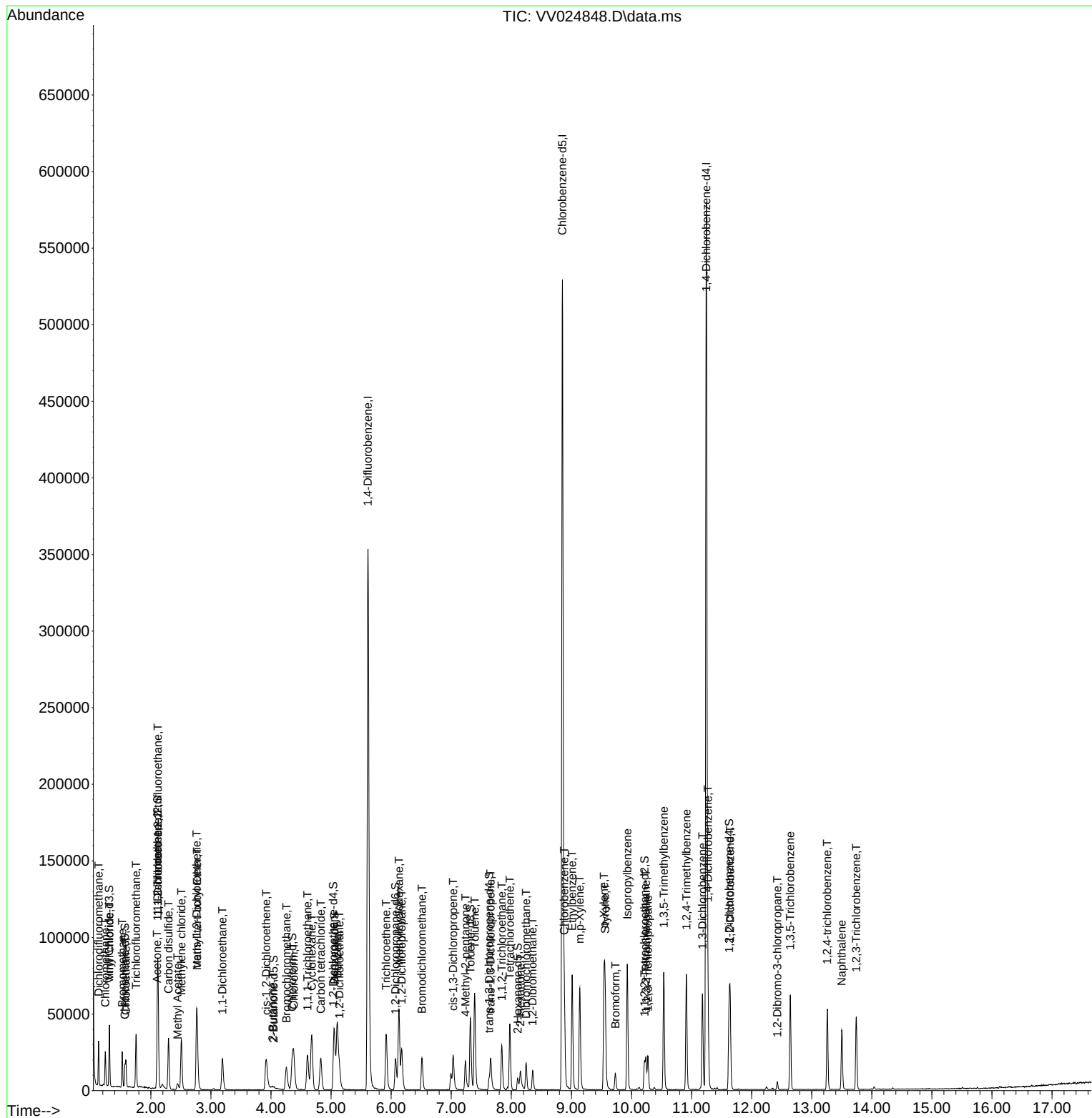
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	9484	2.732	ug/L	97
46) Tetrachloroethene	7.976	164	8962	2.239	ug/L	95
48) 2-Hexanone	8.149	43	8717	4.554	ug/L	93
49) Dibromochloromethane	8.246	129	9553	2.216	ug/L	93
50) 1,2-Dibromoethane	8.355	107	9027	2.632	ug/L #	98
51) Chlorobenzene	8.883	112	33048	2.639	ug/L	99
52) Ethylbenzene	9.011	91	54400	2.735	ug/L	95
53) m,p-Xylene	9.140	106	20240	2.585	ug/L	100
54) o-Xylene	9.542	106	18881	2.543	ug/L	99
55) Styrene	9.561	104	31113	2.437	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	10340	2.643	ug/L	98
59) Bromoform	9.731	173	4600	2.065	ug/L	98
60) Isopropylbenzene	9.931	105	50517	2.925	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	9141	3.436	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	42205	2.933	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	42011	2.844	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	24336	2.728	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	25078	2.763	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	22254	2.718	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	1534	2.430	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.644	180	16996	2.461	ug/L	96
70) 1,2,4-trichlorobenzene	13.259	180	14551	2.556	ug/L	99
71) Naphthalene	13.500	128	31059	2.860	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	13084	2.540	ug/L	96

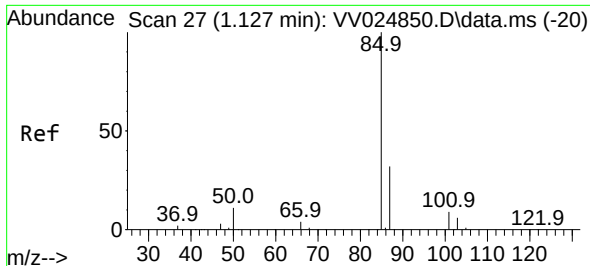
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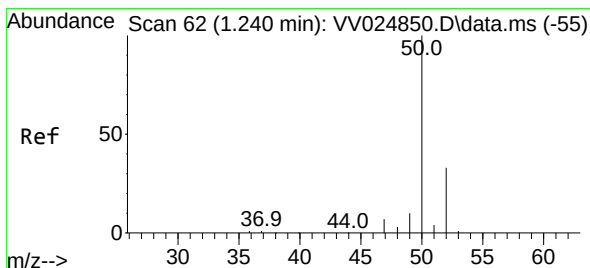
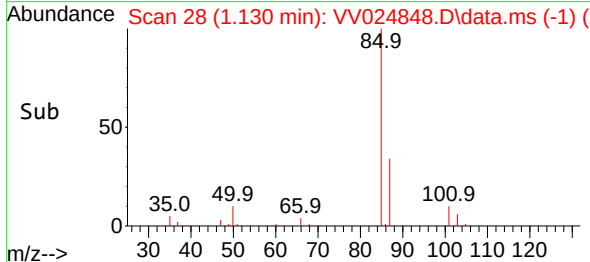
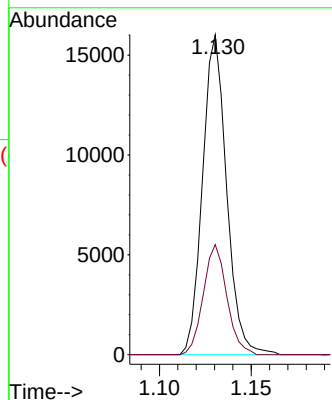
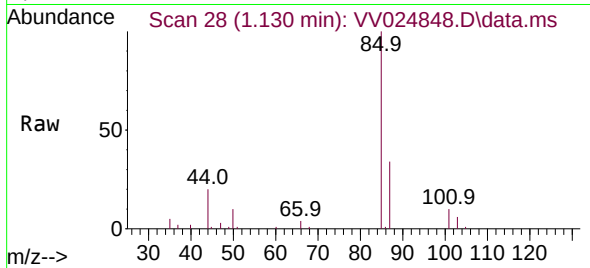




#2
Dichlorodifluoromethane
Concen: 2.507 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

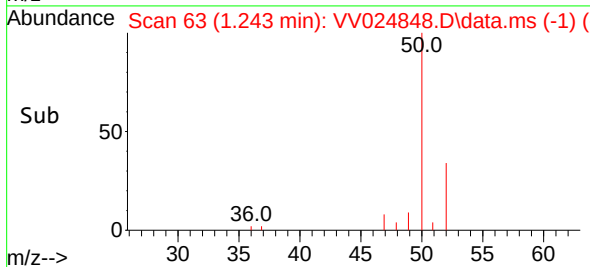
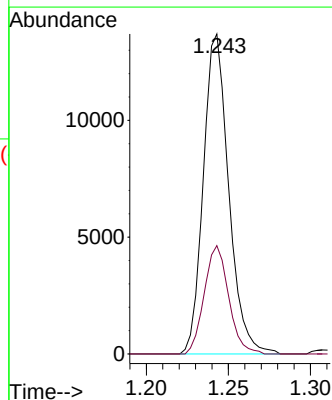
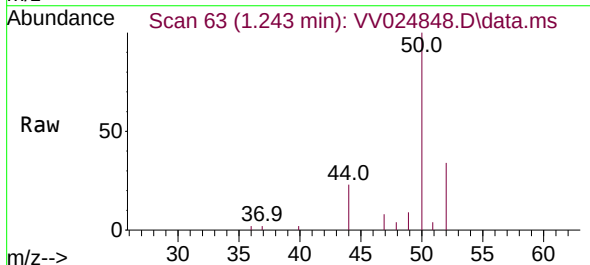
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MSVOA_V
ClientSampleId :
VSTD2.5201

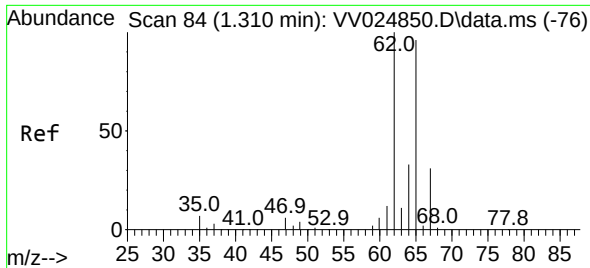
Tgt Ion: 85 Resp: 14642
Ion Ratio Lower Upper
85 100
87 33.6 26.2 39.4



#3
Chloromethane
Concen: 2.797 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 50 Resp: 14725
Ion Ratio Lower Upper
50 100
52 33.8 22.9 42.5

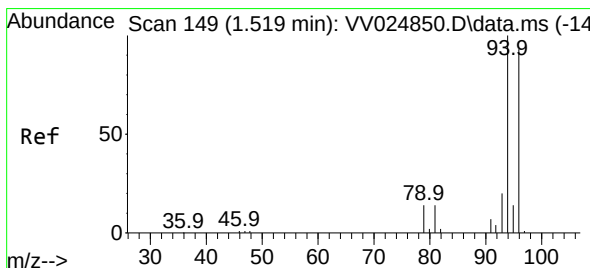
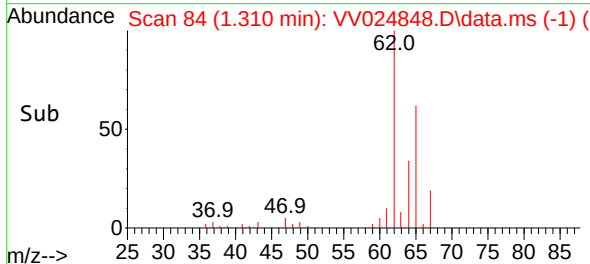
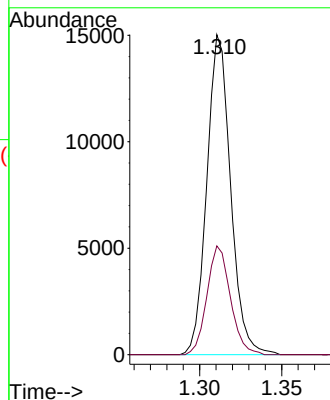
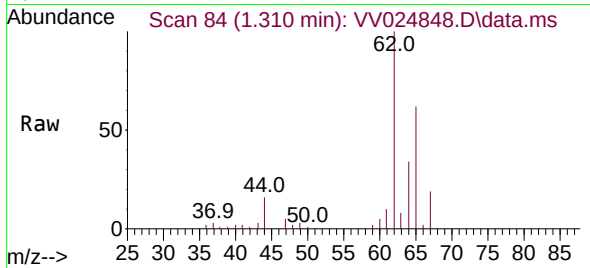




#5
 Vinyl chloride
 Concen: 2.968 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024848.D
 Acq: 02 Mar 2022 11:23

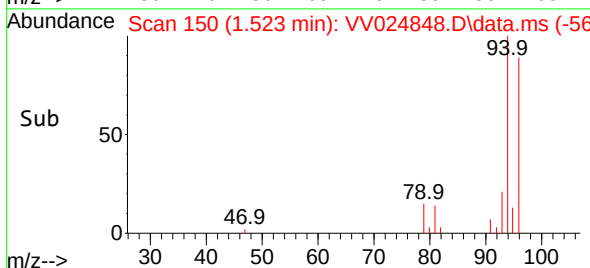
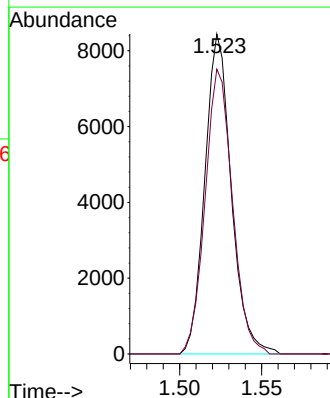
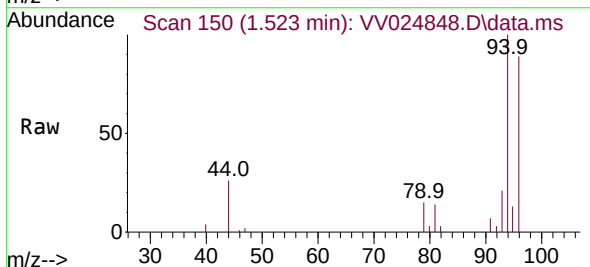
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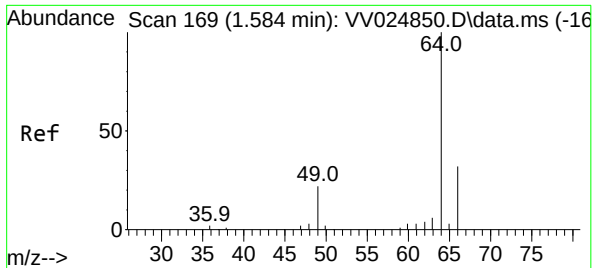
Tgt Ion: 62 Resp: 15151
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.0 42.8



#6
 Bromomethane
 Concen: 2.793 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024848.D
 Acq: 02 Mar 2022 11:23

Tgt Ion: 94 Resp: 9452
 Ion Ratio Lower Upper
 94 100
 96 89.0 64.9 120.5

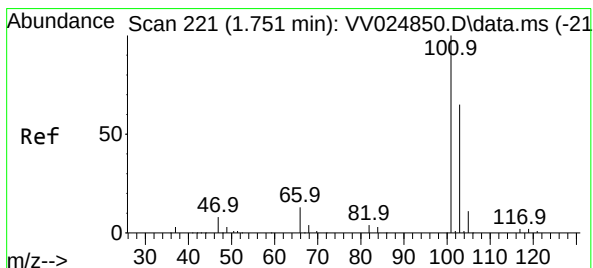
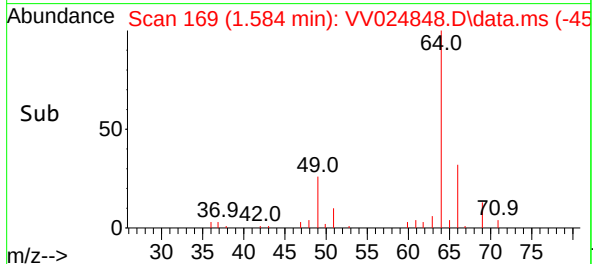
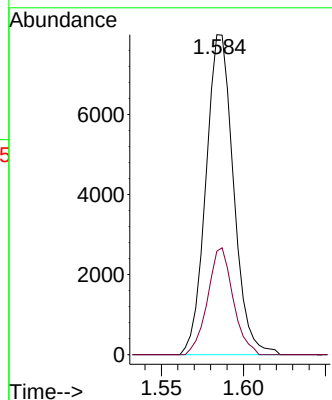
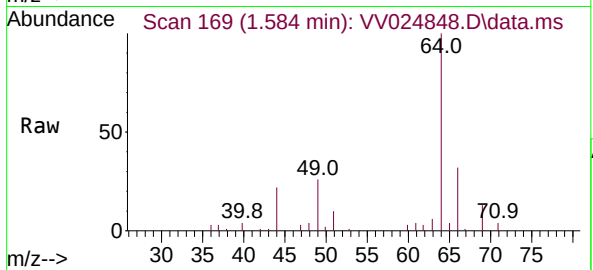




#8
Chloroethane
Concen: 3.001 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

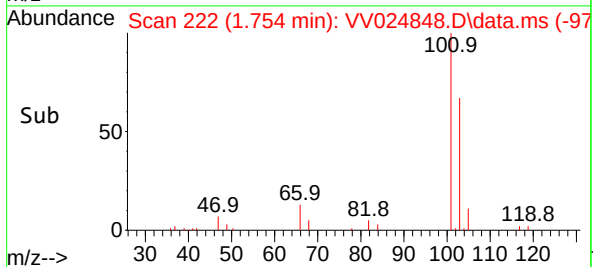
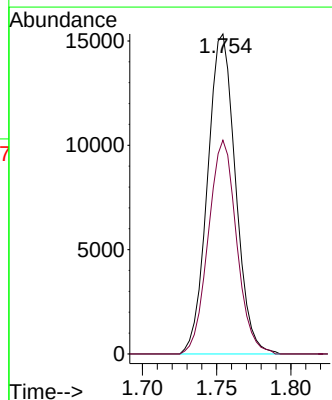
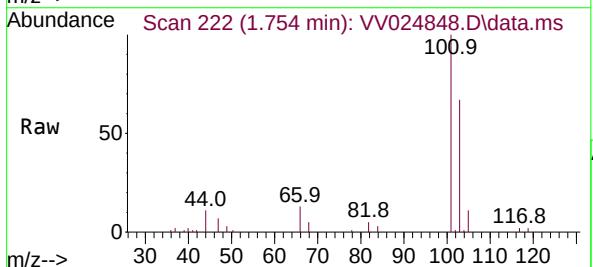
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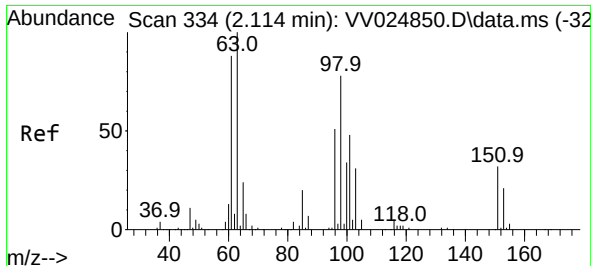
Tgt Ion: 64 Resp: 9359
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.565 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion:101 Resp: 20093
Ion Ratio Lower Upper
101 100
103 67.5 51.8 77.8

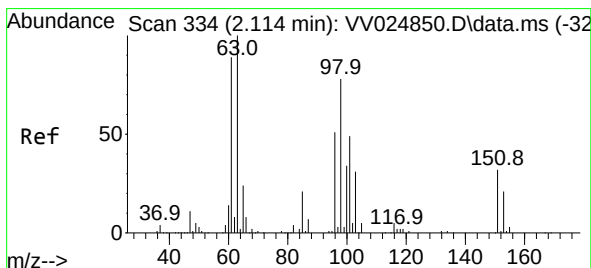
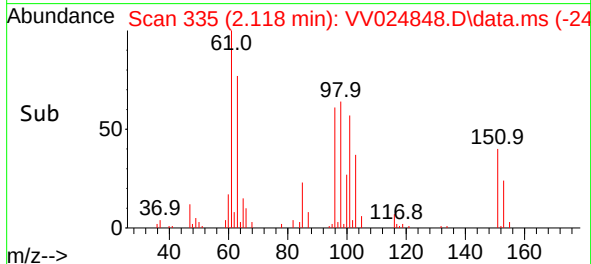
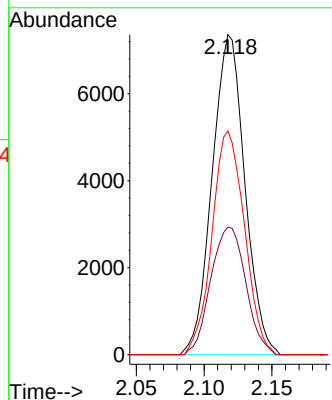
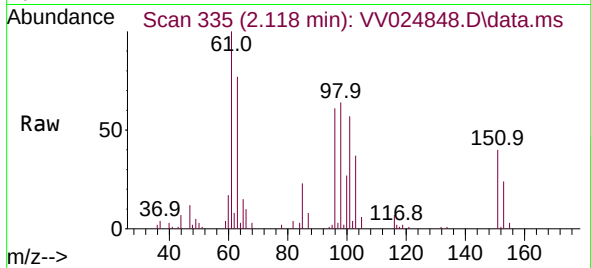




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.970 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

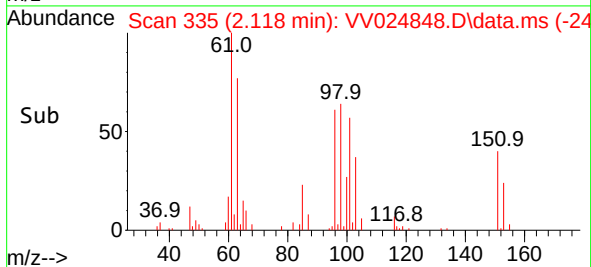
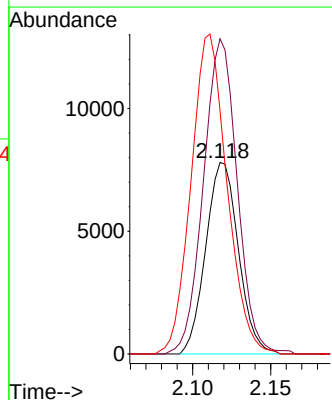
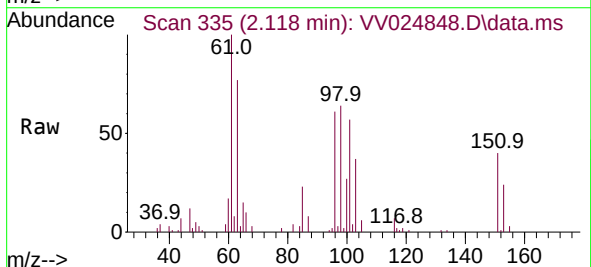
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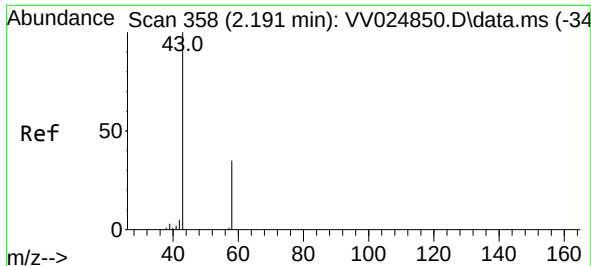
Tgt Ion:101 Resp: 12363
Ion Ratio Lower Upper
101 100
85 42.6 33.8 50.6
151 69.3 54.1 81.1



#12
1,1-Dichloroethene
Concen: 2.924 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 96 Resp: 11363
Ion Ratio Lower Upper
96 100
61 164.5 122.1 226.7
63 126.9 139.5 259.1#

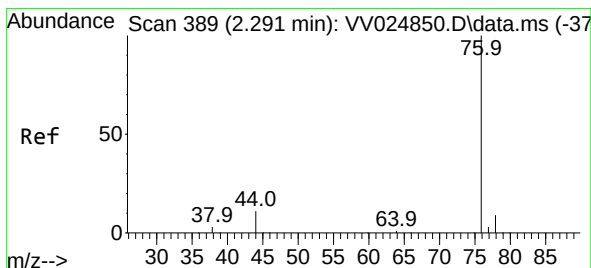
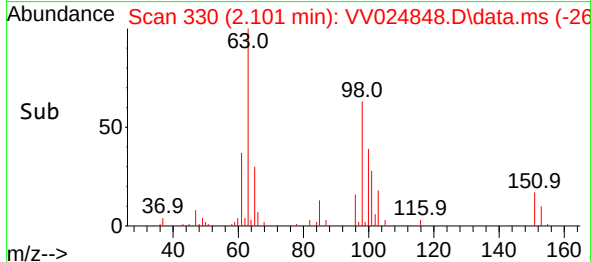
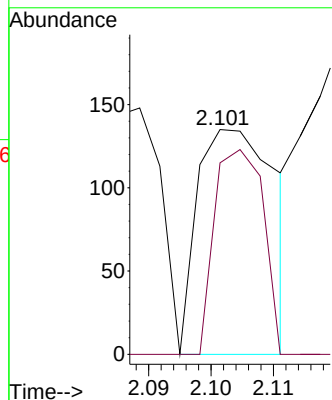
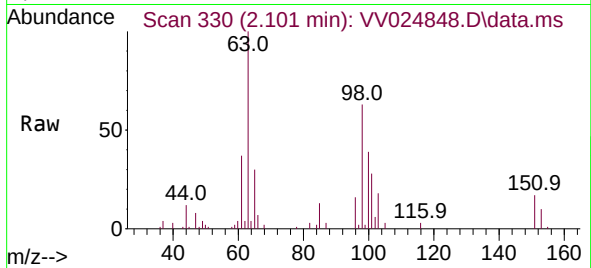




#13
Acetone
Concen: 0.094 ug/L
RT: 2.101 min Scan# 31
Delta R.T. -0.090 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

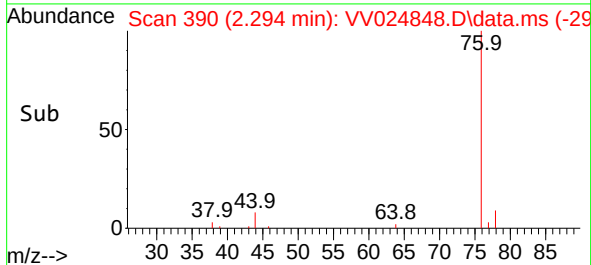
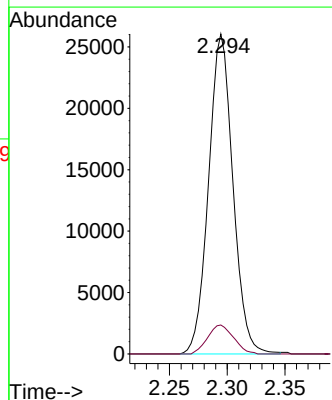
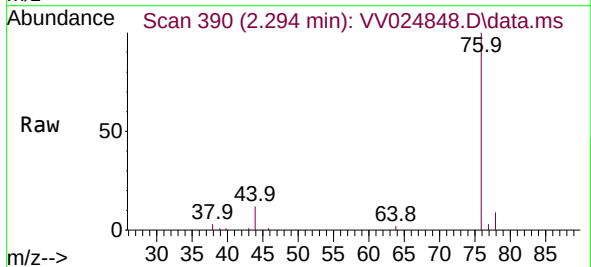
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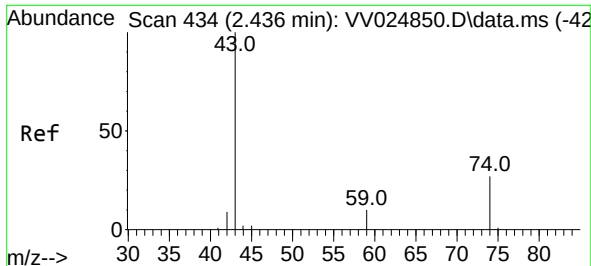
Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
58 56.8 0.0 70.0



#14
Carbon disulfide
Concen: 2.742 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 76 Resp: 38240
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 3.226 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

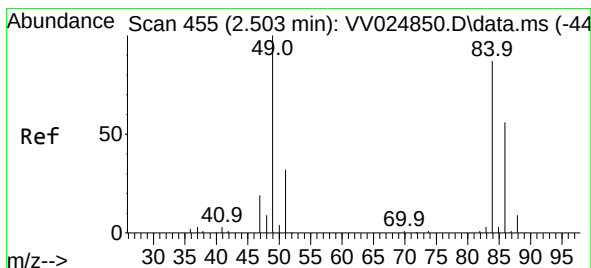
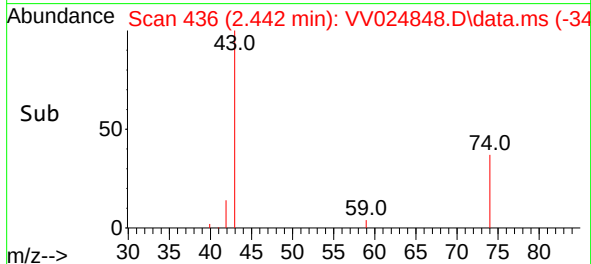
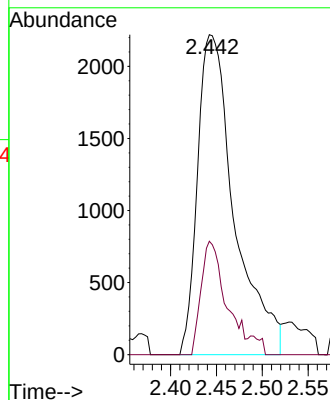
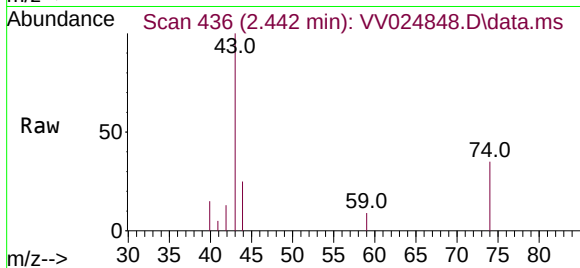
VSTD2.5201

Tgt Ion: 43 Resp: 6204

Ion Ratio Lower Upper

43 100

74 22.4 21.7 32.5



#16

Methylene chloride

Concen: 2.455 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

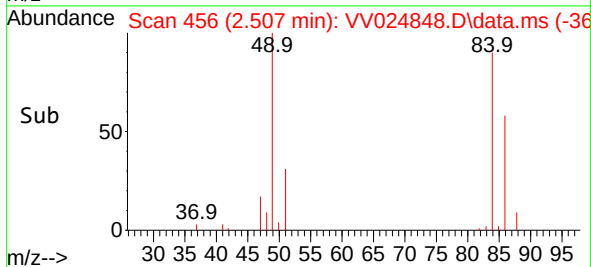
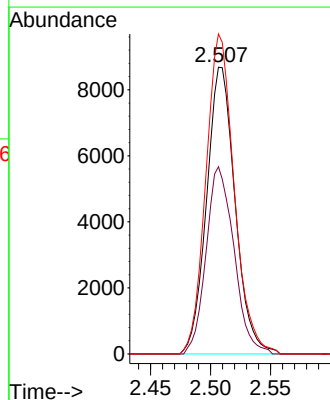
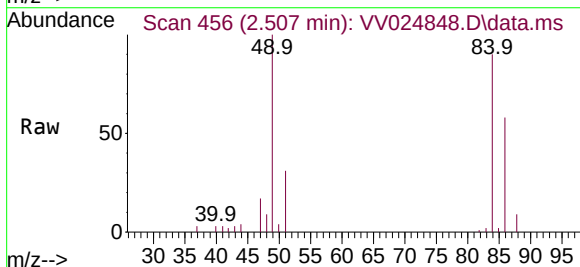
Tgt Ion: 84 Resp: 14361

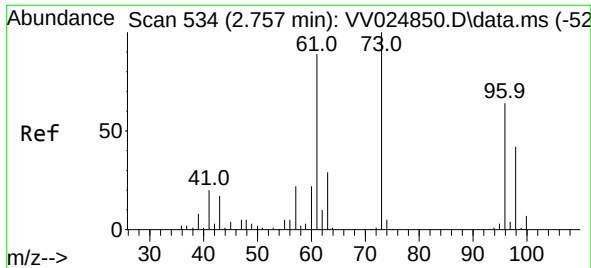
Ion Ratio Lower Upper

84 100

86 65.3 45.0 83.6

49 111.6 80.4 149.2

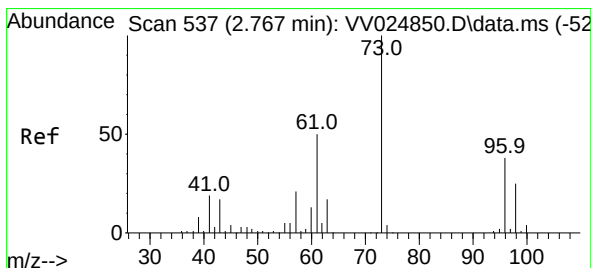
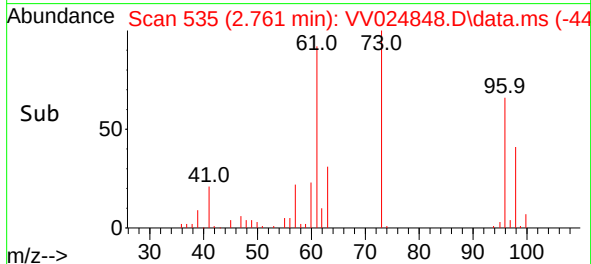
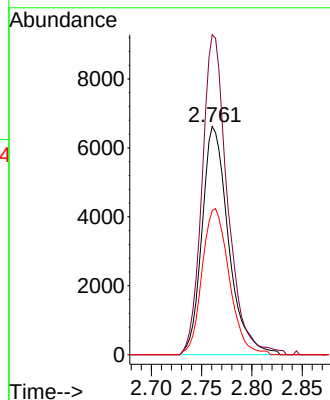
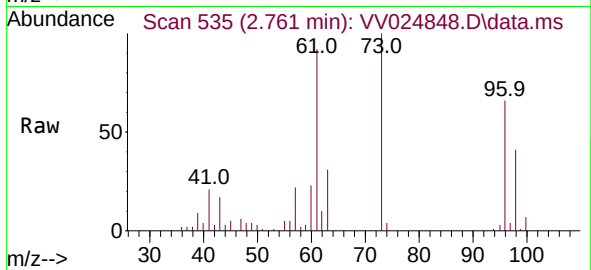




#17
trans-1,2-Dichloroethene
Concen: 2.627 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

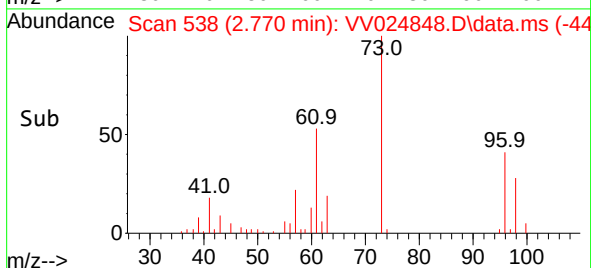
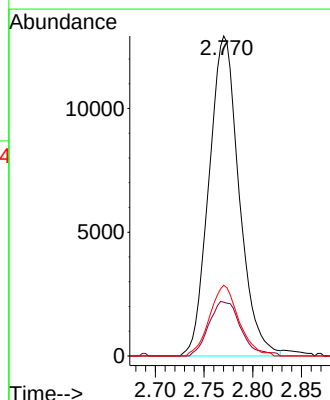
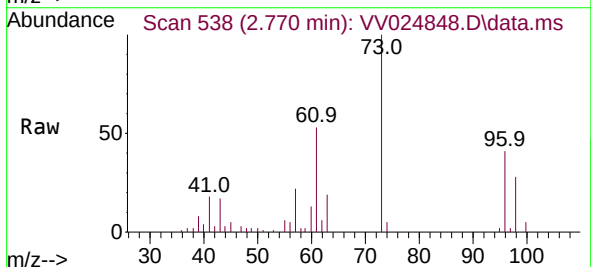
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

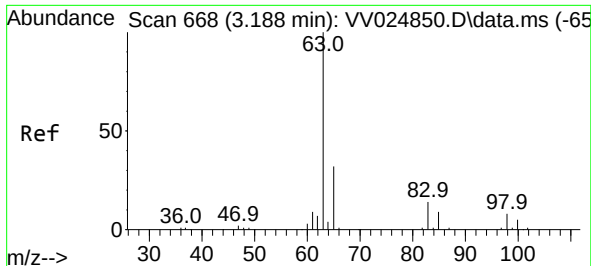
Tgt Ion: 96 Resp: 12164
Ion Ratio Lower Upper
96 100
61 140.2 96.4 179.0
98 63.1 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 2.641 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 73 Resp: 27773
Ion Ratio Lower Upper
73 100
43 18.0 13.6 20.4
57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 2.804 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD2.5201

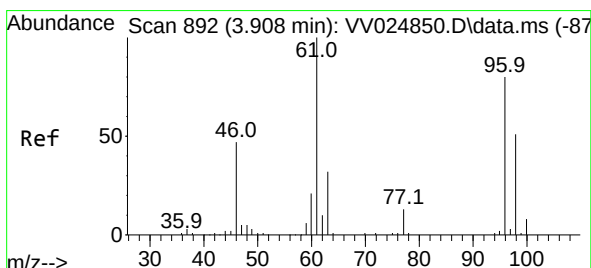
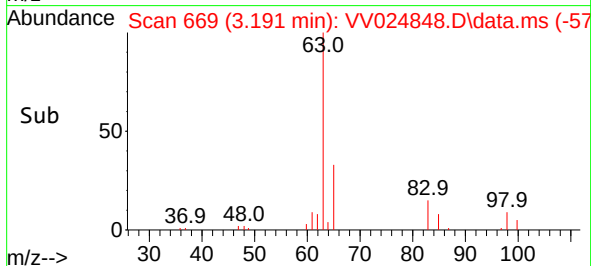
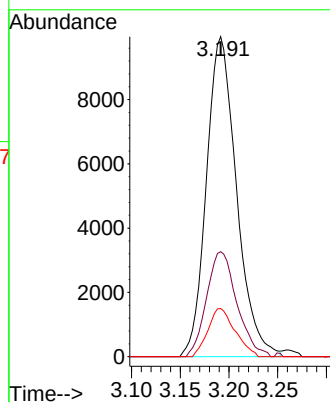
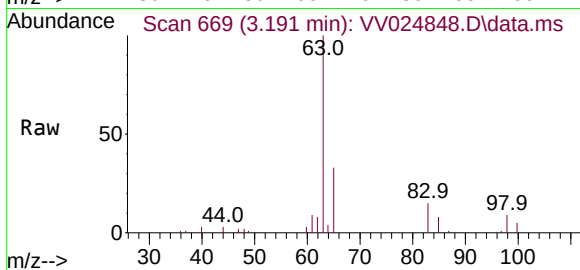
Tgt Ion: 63 Resp: 21389

Ion Ratio Lower Upper

63 100

65 32.8 22.7 42.3

83 15.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 2.752 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.013 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

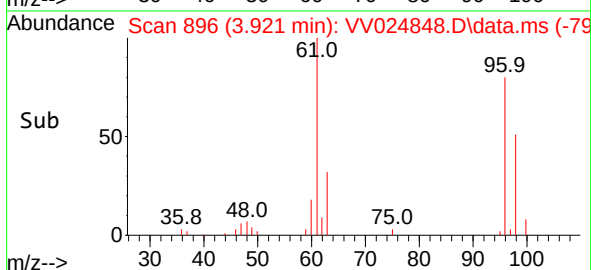
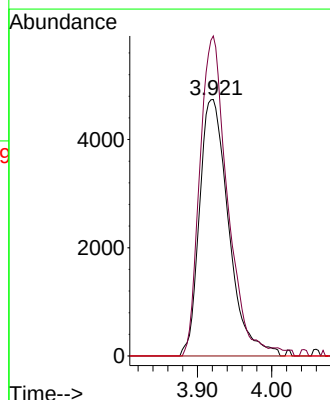
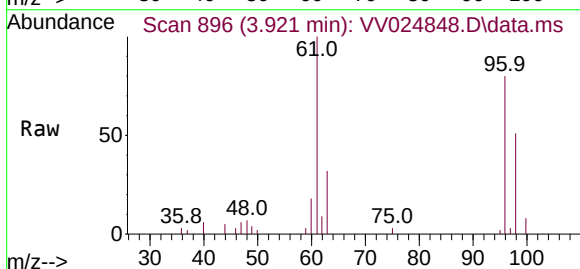
Tgt Ion: 96 Resp: 12959

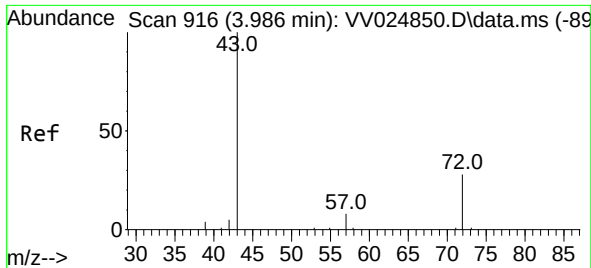
Ion Ratio Lower Upper

96 100

61 124.8 87.4 162.2

68 0.0 0.0 0.0

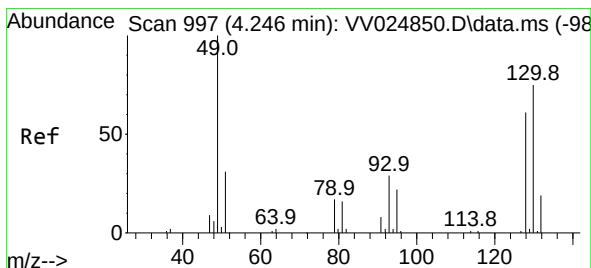
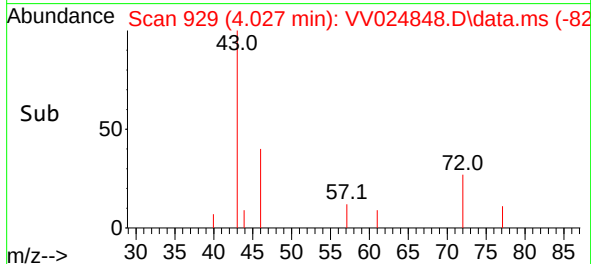
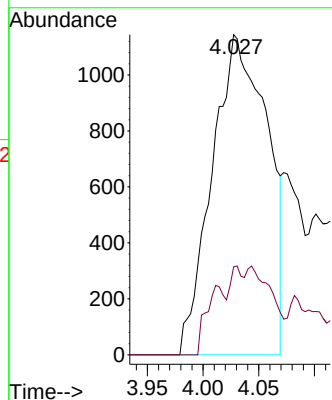
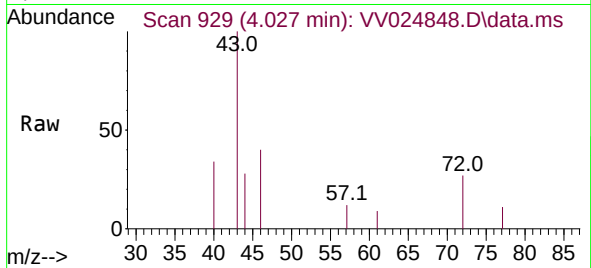




#22
2-Butanone
Concen: 2.994 ug/L
RT: 4.027 min Scan# 91
Delta R.T. 0.042 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

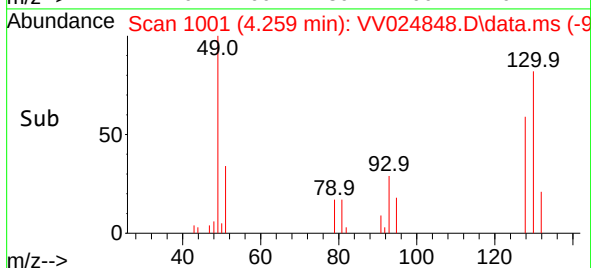
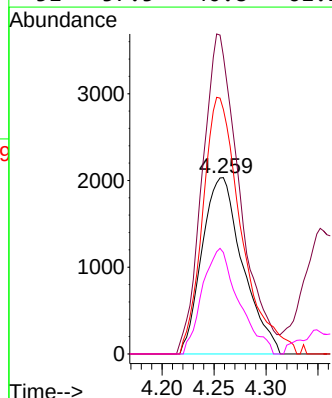
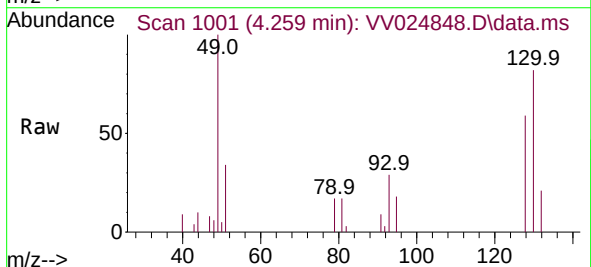
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

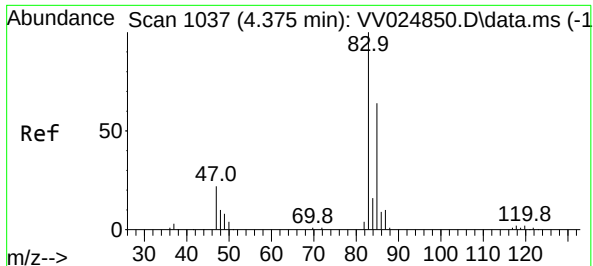
Tgt Ion: 43 Resp: 3936
Ion Ratio Lower Upper
43 100
72 2.2 11.7 35.1#



#23
Bromochloromethane
Concen: 2.352 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.013 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 128 Resp: 5511
Ion Ratio Lower Upper
128 100
49 169.0 115.2 214.0
130 138.7 86.7 160.9
51 57.5 40.8 61.2





#25

Chloroform

Concen: 2.659 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

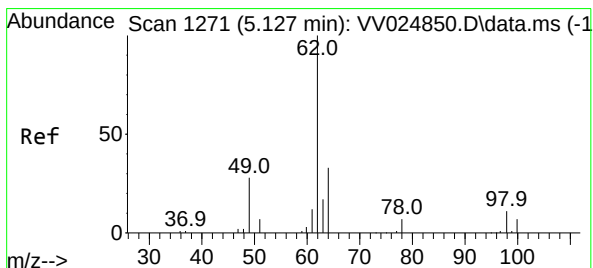
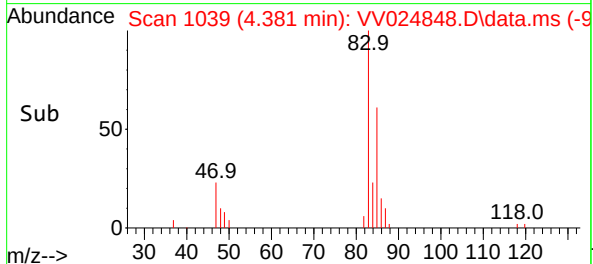
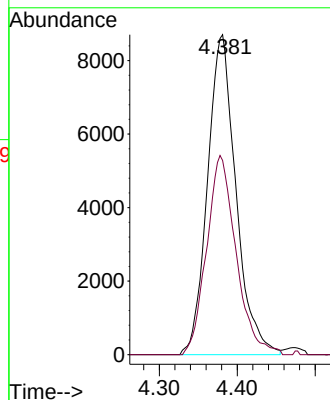
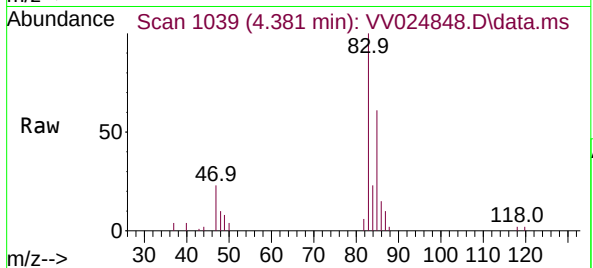
VSTD2.5201

Tgt Ion: 83 Resp: 22073

Ion Ratio Lower Upper

83 100

85 60.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 2.592 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.013 min

Lab File: VV024848.D

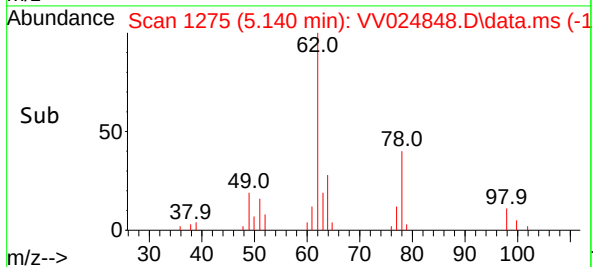
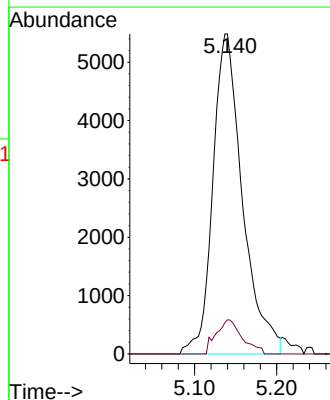
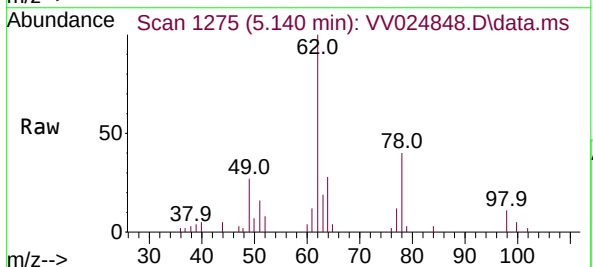
Acq: 02 Mar 2022 11:23

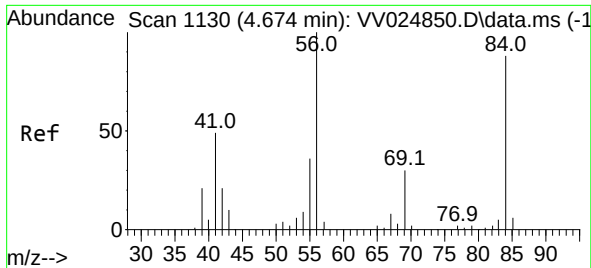
Tgt Ion: 62 Resp: 13790

Ion Ratio Lower Upper

62 100

98 10.6 8.6 13.0

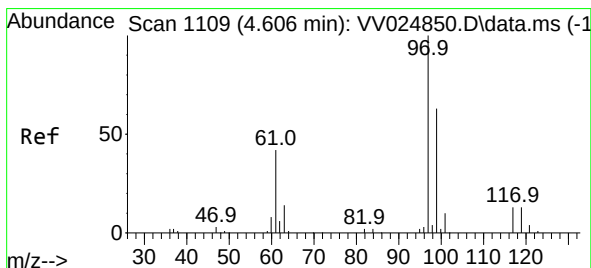
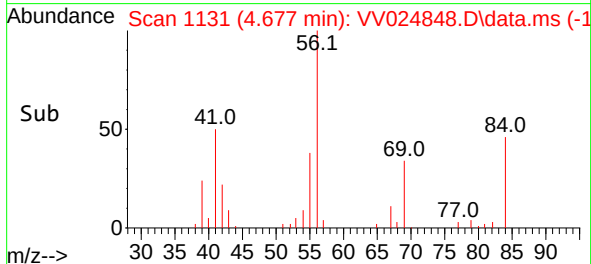
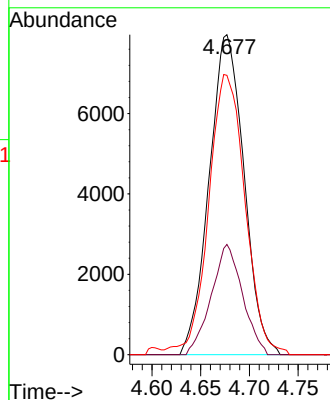
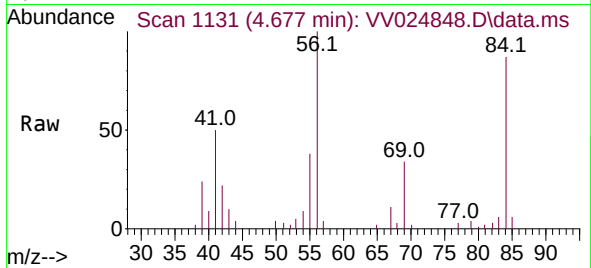




#29
Cyclohexane
Concen: 3.015 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

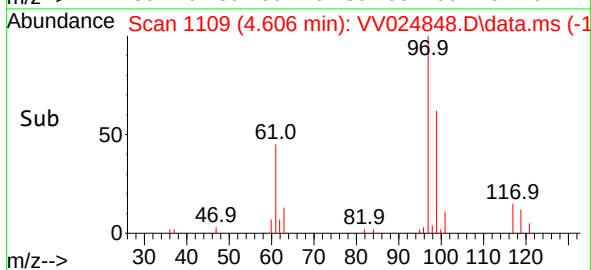
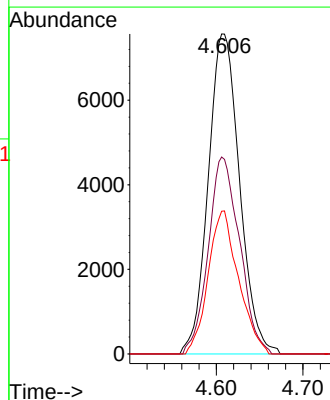
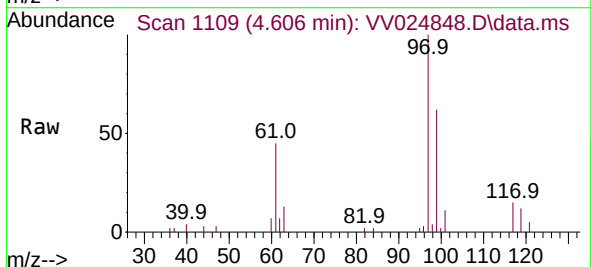
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

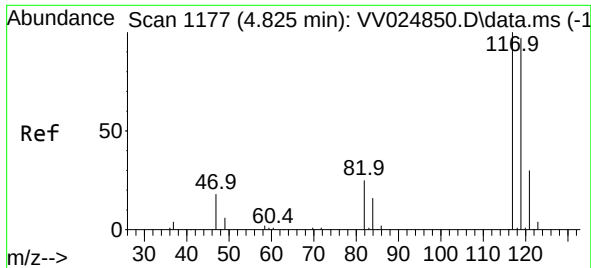
Tgt Ion:	56	Resp:	19790
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.8	37.2
84	90.7	73.6	110.4



#30
1,1,1-Trichloroethane
Concen: 2.623 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion:	97	Resp:	19059
Ion	Ratio	Lower	Upper
97	100		
99	61.4	50.2	75.4
61	43.3	33.8	50.6

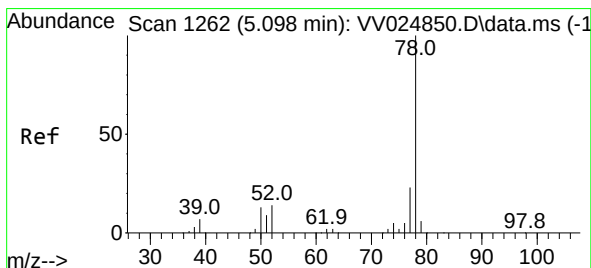
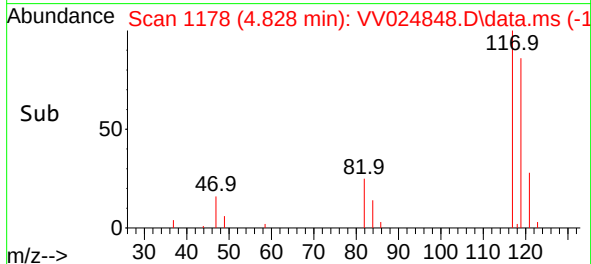
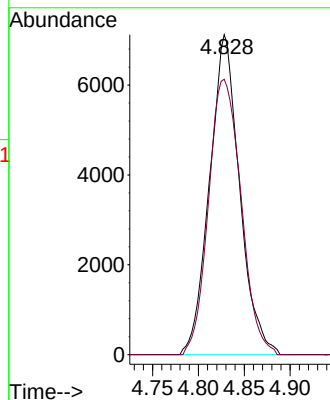
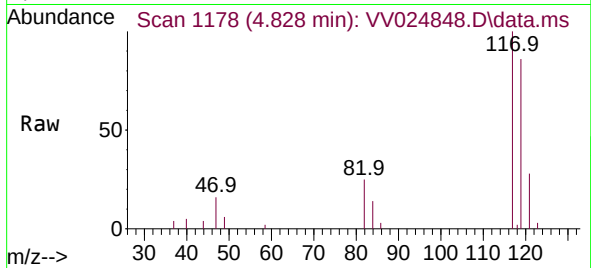




#31
Carbon tetrachloride
Concen: 2.498 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

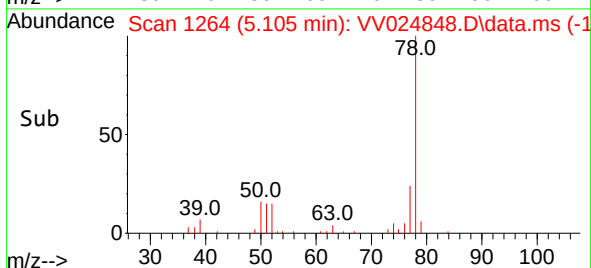
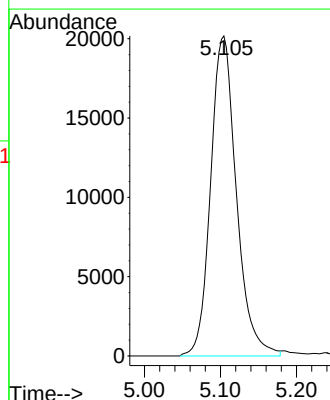
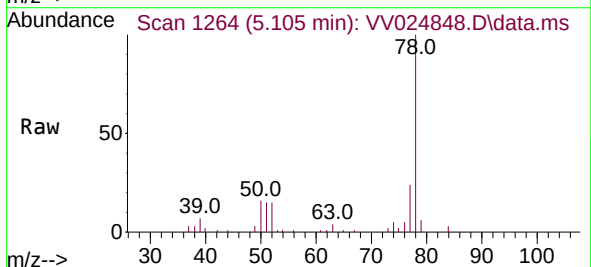
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

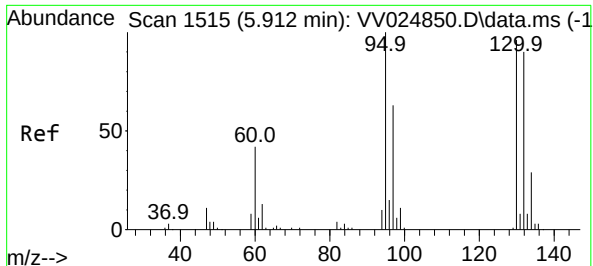
Tgt Ion:117 Resp: 16217
Ion Ratio Lower Upper
117 100
119 93.3 76.6 115.0



#33
Benzene
Concen: 2.782 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 78 Resp: 47530





#34

Trichloroethene

Concen: 2.937 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD2.5201

Tgt Ion: 95 Resp: 13902

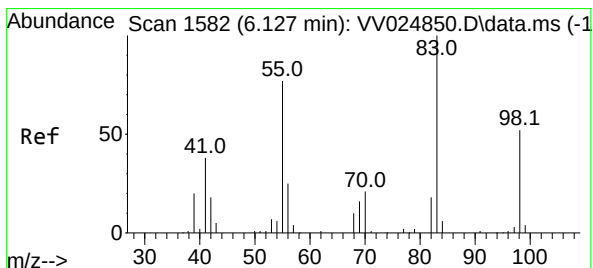
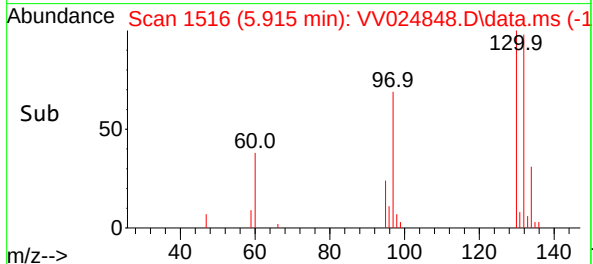
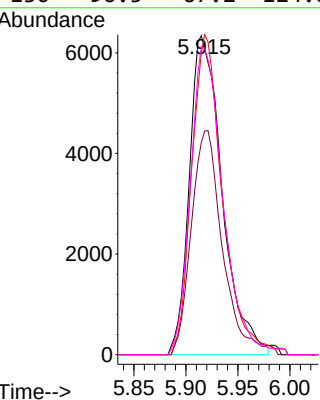
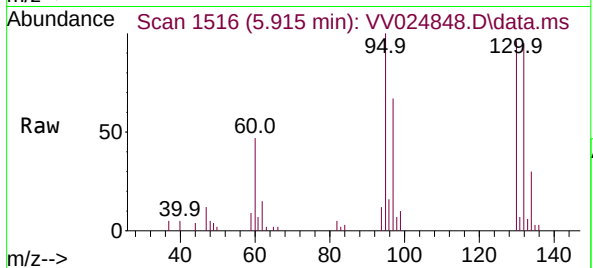
Ion Ratio Lower Upper

95 100

97 66.5 43.8 81.4

132 94.7 63.1 117.1

130 96.5 67.2 124.8



#35

Methylcyclohexane

Concen: 2.973 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

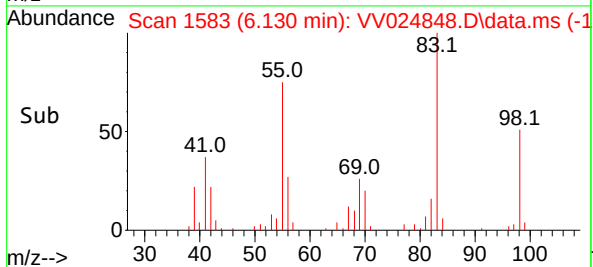
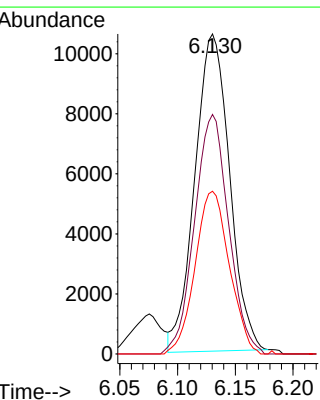
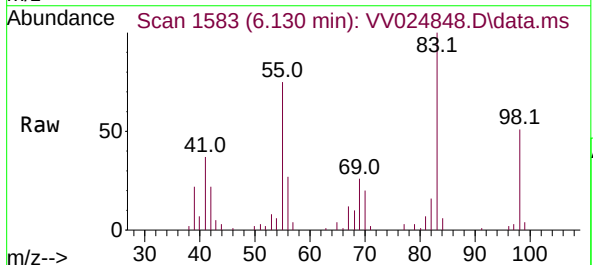
Tgt Ion: 83 Resp: 22109

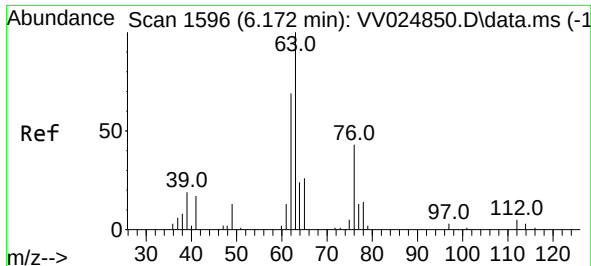
Ion Ratio Lower Upper

83 100

55 74.0 58.3 87.5

98 50.5 39.2 58.8





#37

1,2-Dichloropropane

Concen: 2.869 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

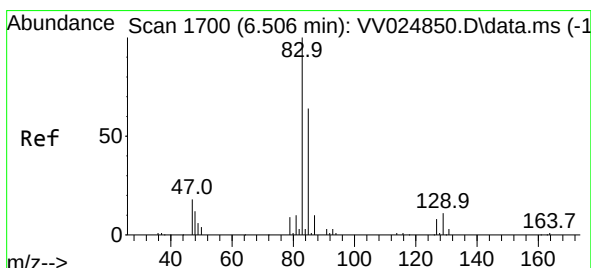
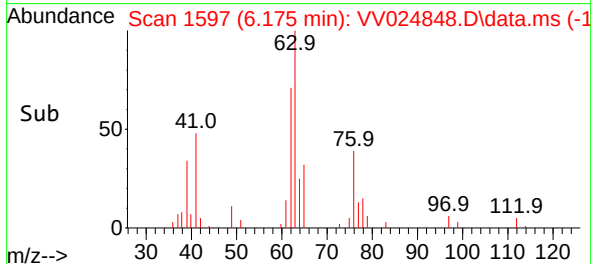
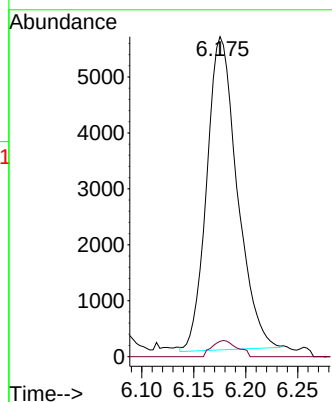
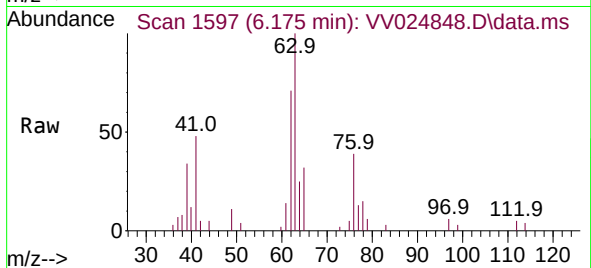
VSTD2.5201

Tgt Ion: 63 Resp: 11438

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 2.558 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

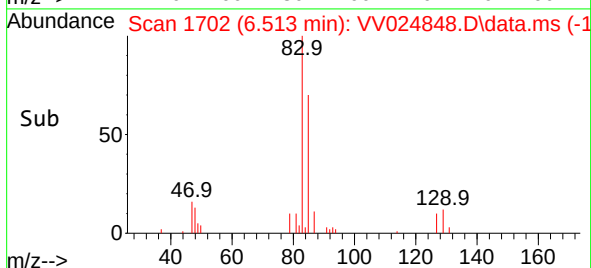
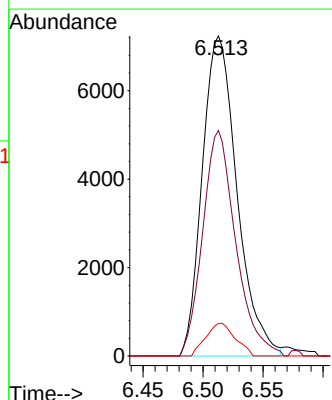
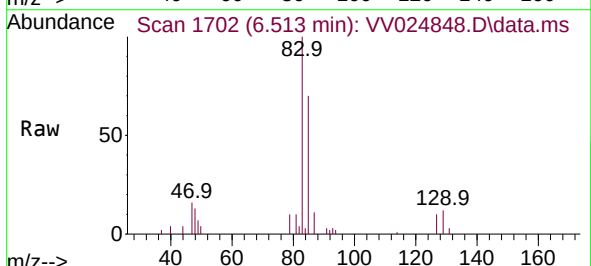
Tgt Ion: 83 Resp: 14595

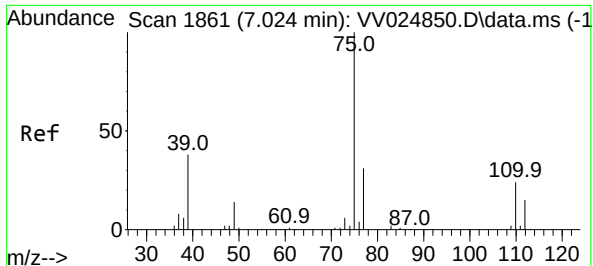
Ion Ratio Lower Upper

83 100

85 70.5 44.8 83.2

127 10.2 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 2.436 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

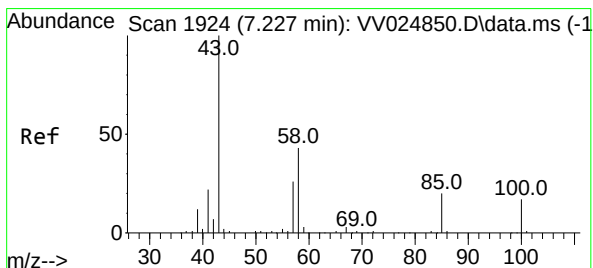
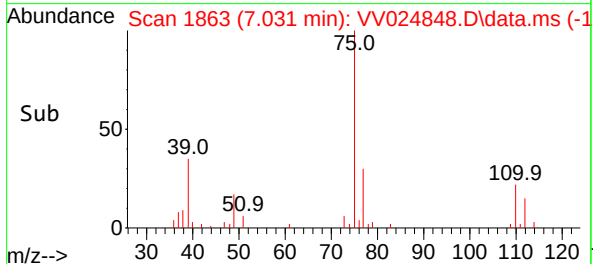
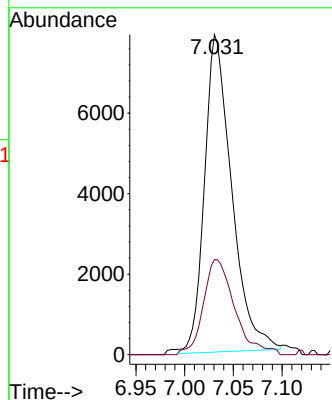
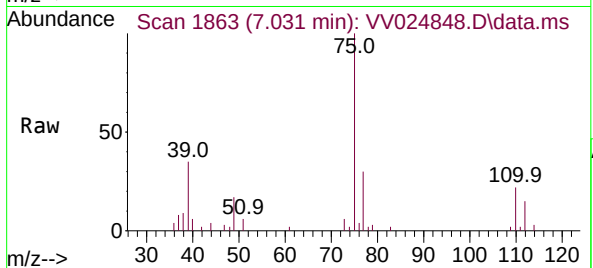
VSTD2.5201

Tgt Ion: 75 Resp: 15305

Ion Ratio Lower Upper

75 100

77 29.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 5.400 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

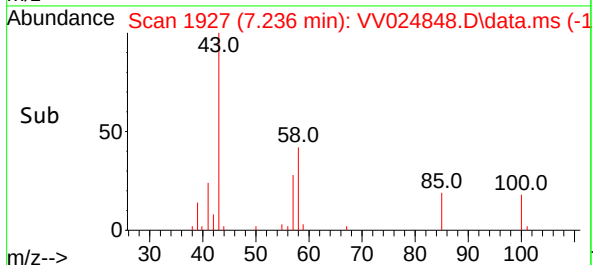
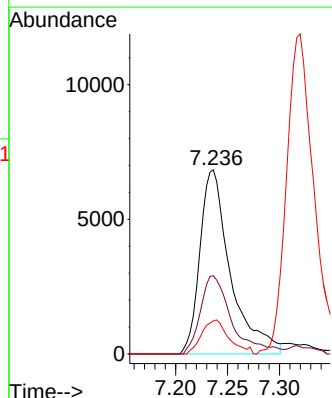
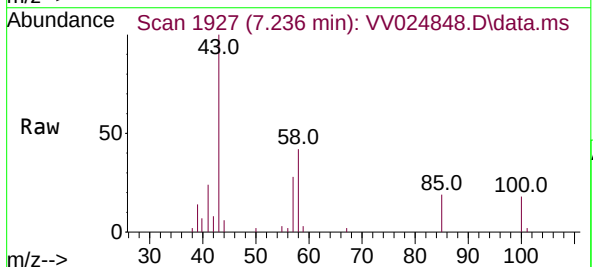
Tgt Ion: 43 Resp: 14022

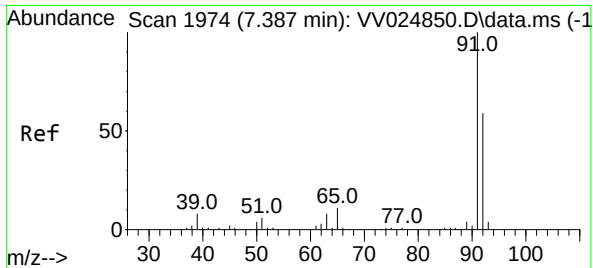
Ion Ratio Lower Upper

43 100

58 42.3 34.9 52.3

100 16.0 13.8 20.6





#42

Toluene

Concen: 2.649 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

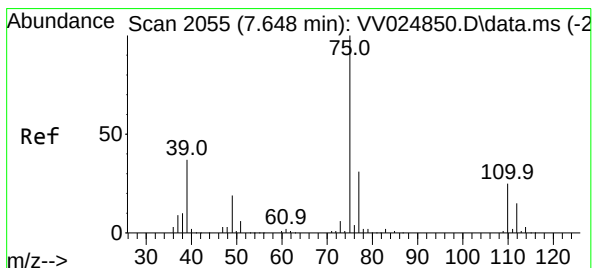
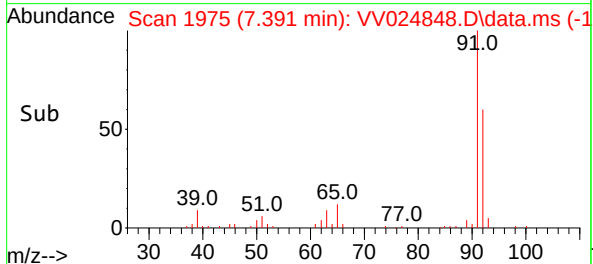
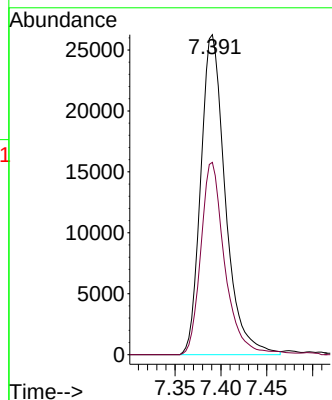
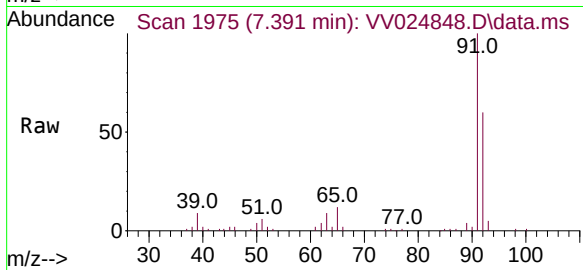
VSTD2.5201

Tgt Ion: 91 Resp: 48903

Ion Ratio Lower Upper

91 100

92 60.1 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 2.435 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV024848.D

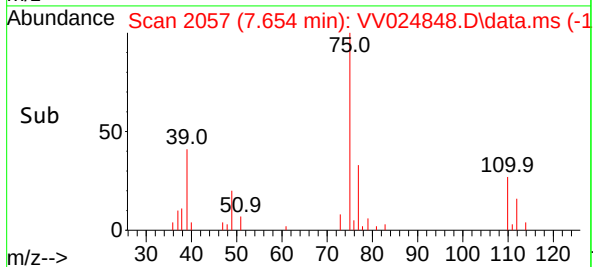
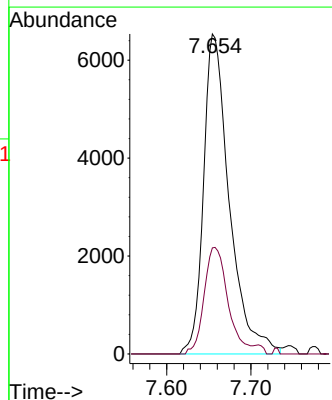
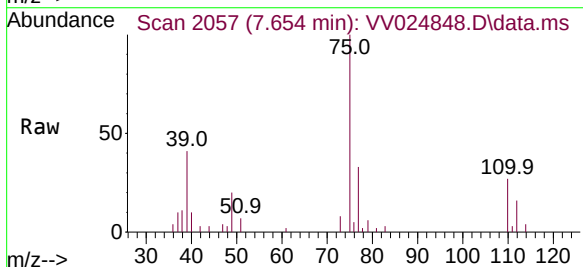
Acq: 02 Mar 2022 11:23

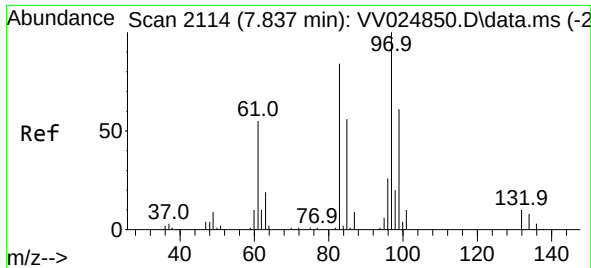
Tgt Ion: 75 Resp: 13925

Ion Ratio Lower Upper

75 100

77 33.1 21.6 40.2

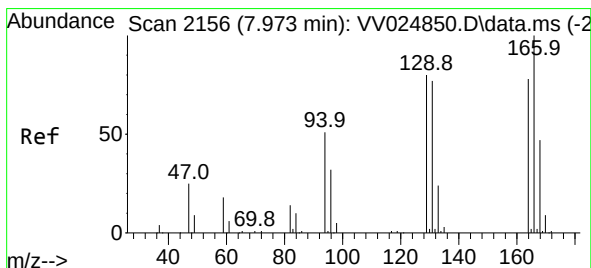
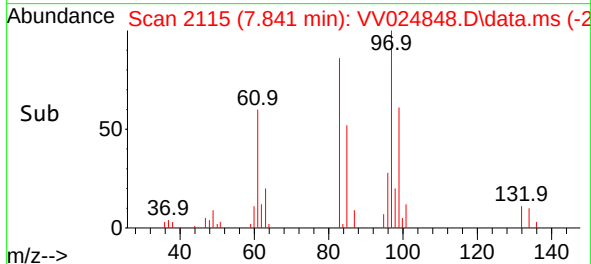
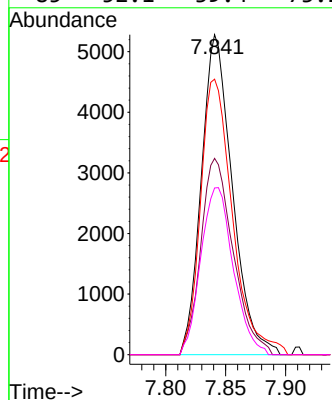
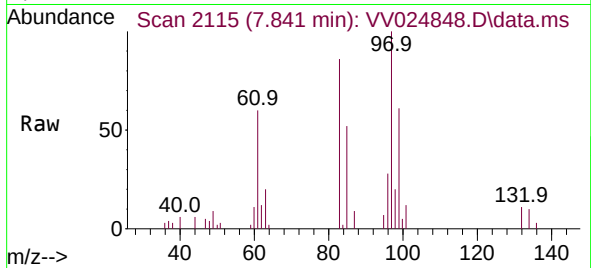




#45
1,1,2-Trichloroethane
Concen: 2.732 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

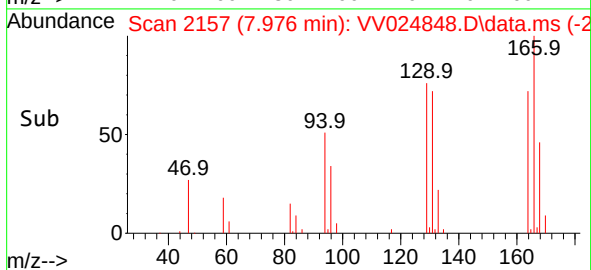
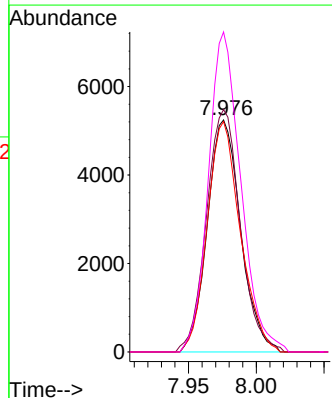
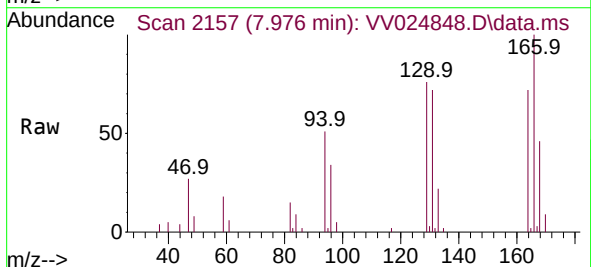
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

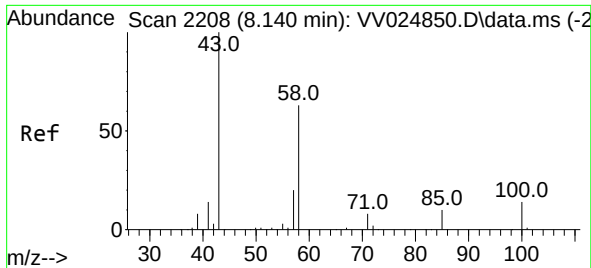
Tgt Ion:	97	Resp:	9484
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.5	78.9
83	86.1	58.9	109.3
85	52.1	39.4	73.2



#46
Tetrachloroethene
Concen: 2.239 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion:	164	Resp:	8962
Ion	Ratio	Lower	Upper
164	100		
129	104.5	71.5	132.9
131	99.3	68.8	127.8
166	137.9	89.2	165.8

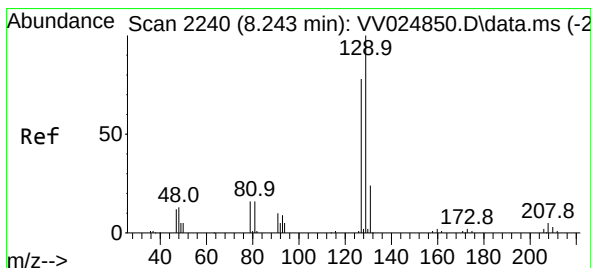
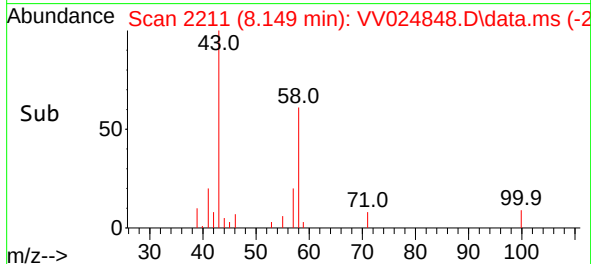
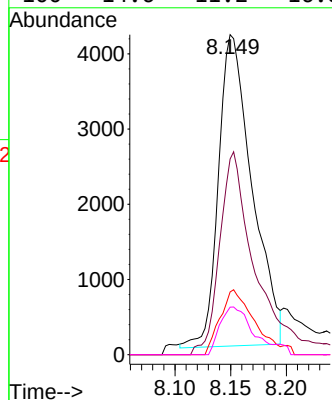
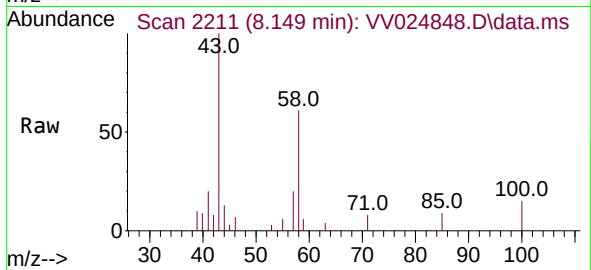




#48
2-Hexanone
Concen: 4.554 ug/L
RT: 8.149 min Scan# 211
Delta R.T. 0.010 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

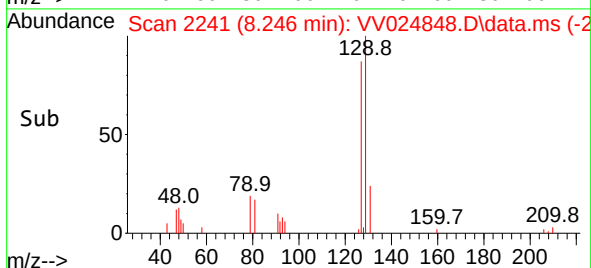
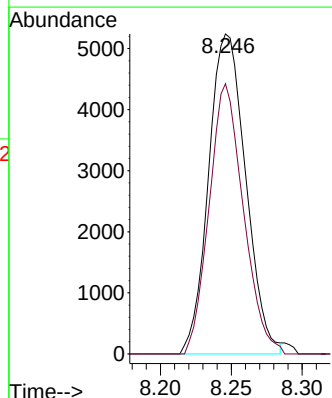
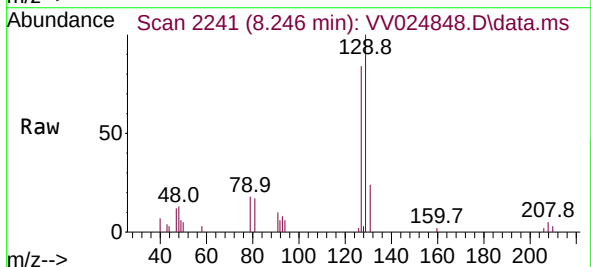
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

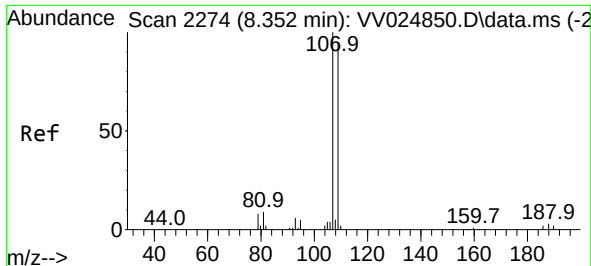
Tgt Ion: 43	Resp:	8717
Ion	Ratio	Lower Upper
43	100	
58	67.0	47.6 71.4
57	20.8	17.0 25.6
100	14.6	11.2 16.8



#49
Dibromochloromethane
Concen: 2.216 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 129	Resp:	9553
Ion	Ratio	Lower Upper
129	100	
127	84.4	54.9 101.9





#50

1,2-Dibromoethane

Concen: 2.632 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD2.5201

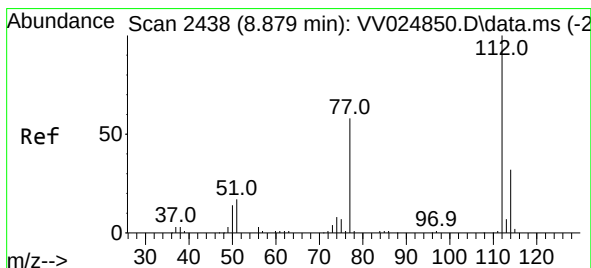
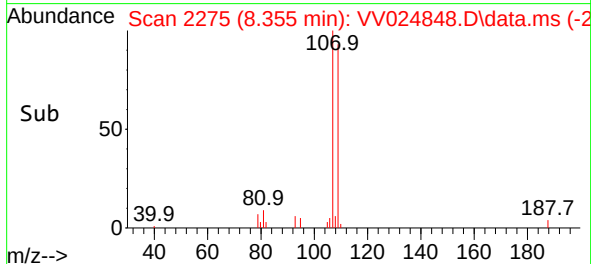
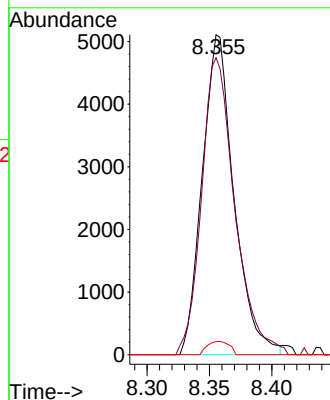
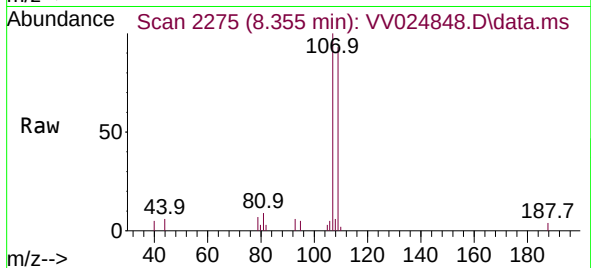
Tgt Ion:107 Resp: 9027

Ion Ratio Lower Upper

107 100

109 92.8 66.6 123.8

188 4.1 2.6 3.8#



#51

Chlorobenzene

Concen: 2.639 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

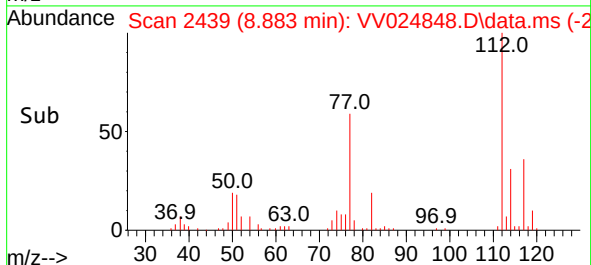
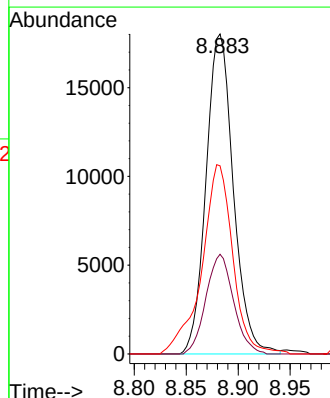
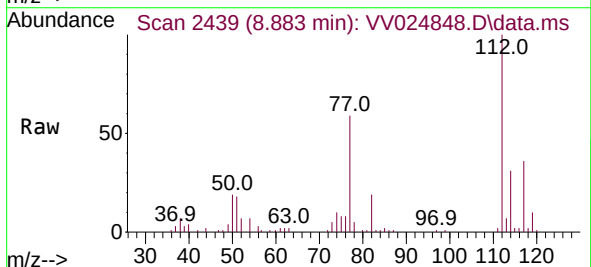
Tgt Ion:112 Resp: 33048

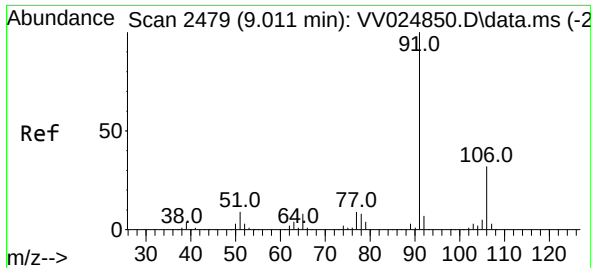
Ion Ratio Lower Upper

112 100

114 31.2 22.5 41.9

77 58.8 47.2 70.8

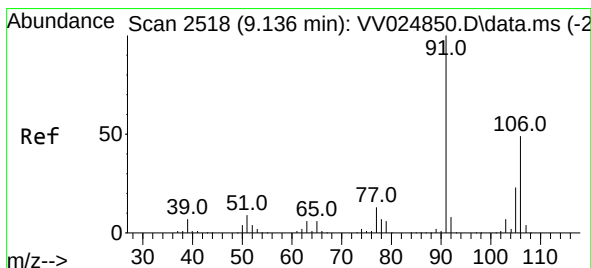
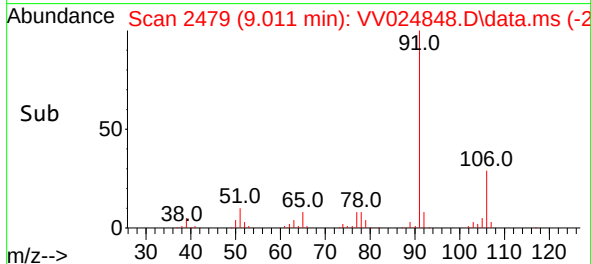
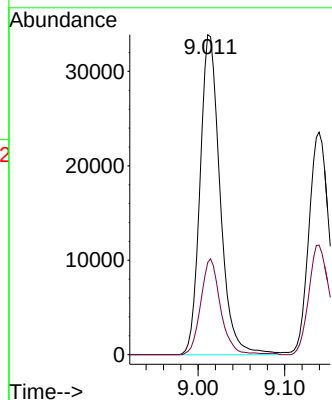
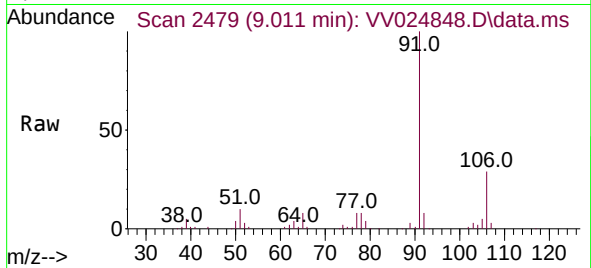




#52
Ethylbenzene
Concen: 2.735 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

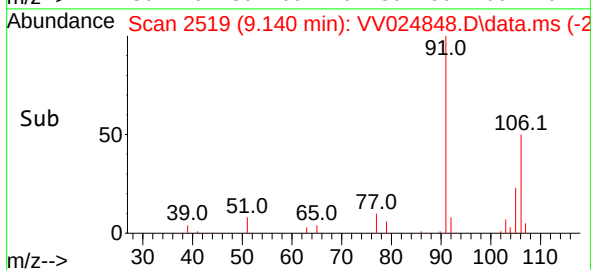
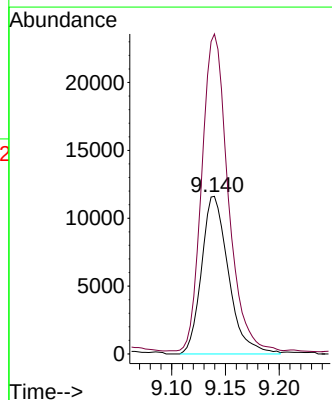
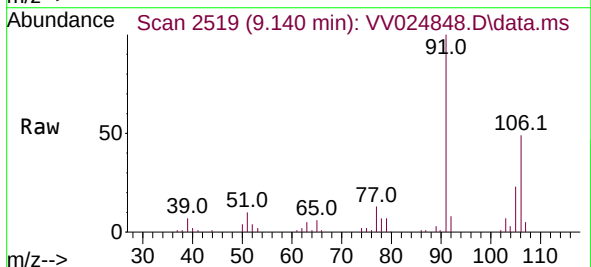
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

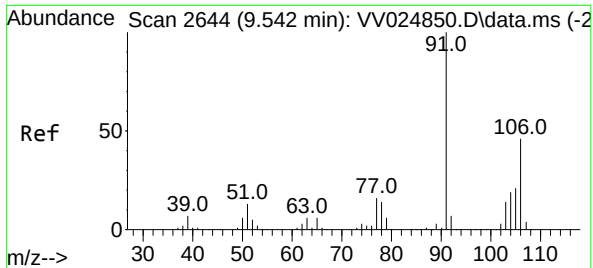
Tgt Ion: 91 Resp: 54400
Ion Ratio Lower Upper
91 100
106 28.8 22.0 41.0



#53
m,p-Xylene
Concen: 2.585 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 106 Resp: 20240
Ion Ratio Lower Upper
106 100
91 203.0 141.8 263.4

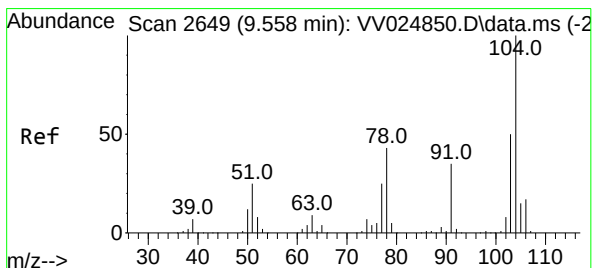
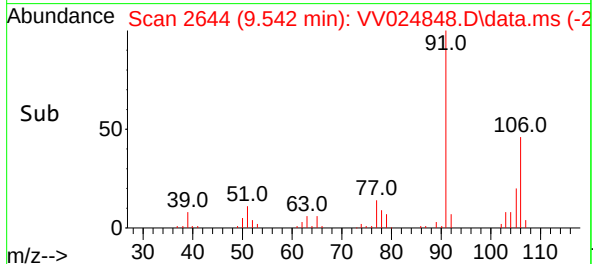
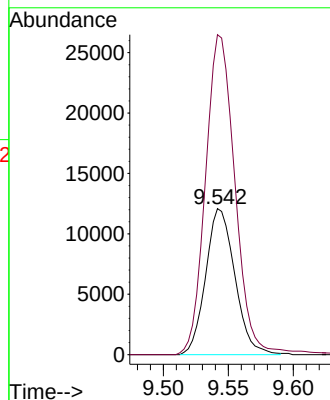
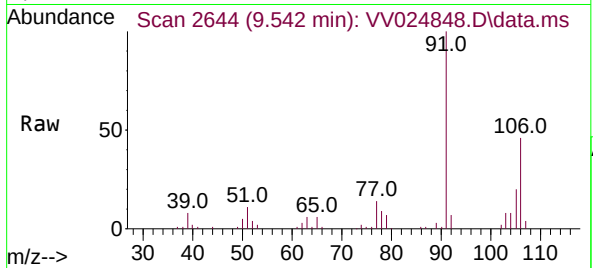




#54
o-Xylene
Concen: 2.543 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

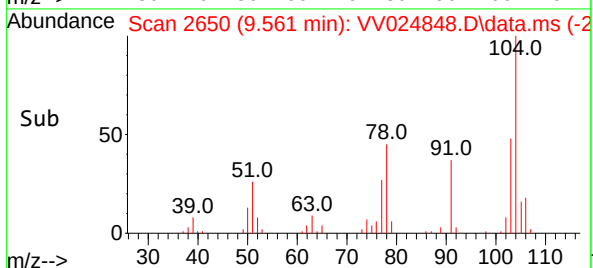
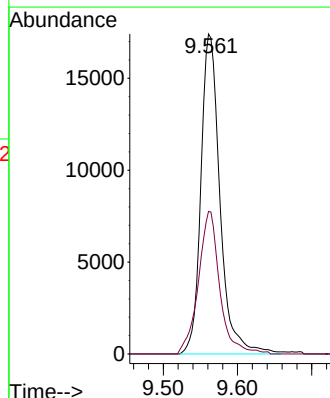
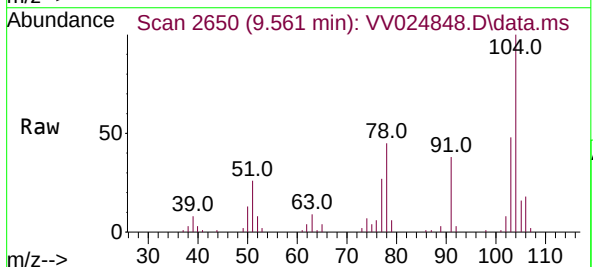
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

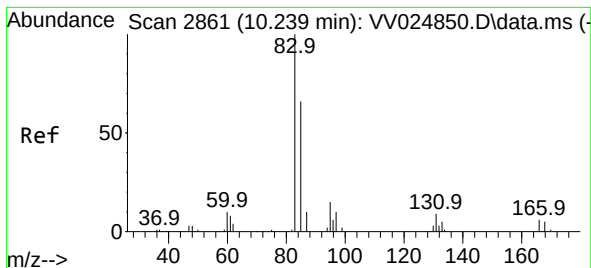
Tgt Ion:106 Resp: 18881
Ion Ratio Lower Upper
106 100
91 218.9 152.1 282.5



#55
Styrene
Concen: 2.437 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion:104 Resp: 31113
Ion Ratio Lower Upper
104 100
78 44.6 30.5 56.7





#57

1,1,2,2-Tetrachloroethane

Concen: 2.643 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD2.5201

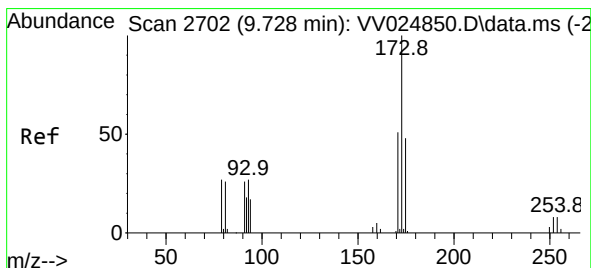
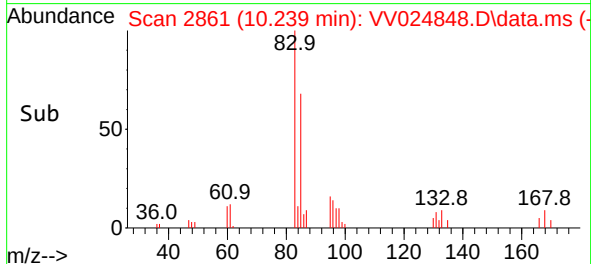
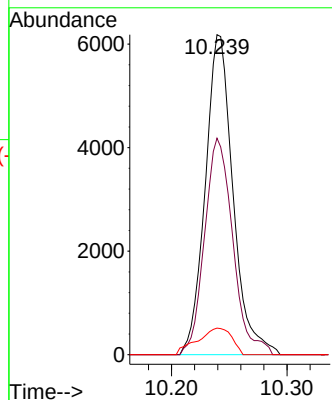
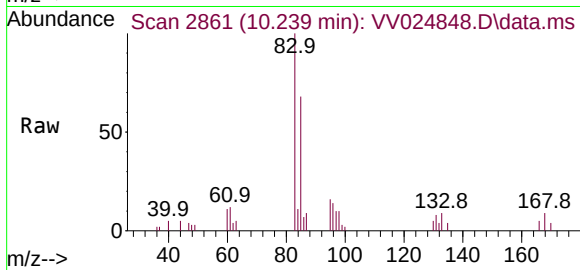
Tgt Ion: 83 Resp: 10340

Ion Ratio Lower Upper

83 100

85 67.6 46.5 86.3

131 8.3 7.8 11.8



#59

Bromoform

Concen: 2.065 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV024848.D

Acq: 02 Mar 2022 11:23

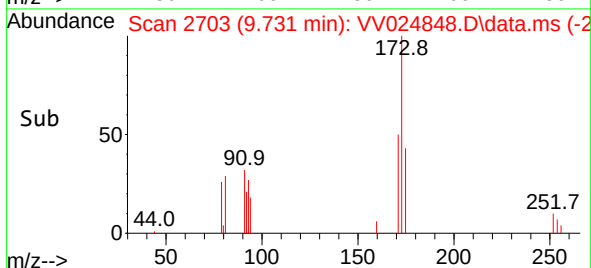
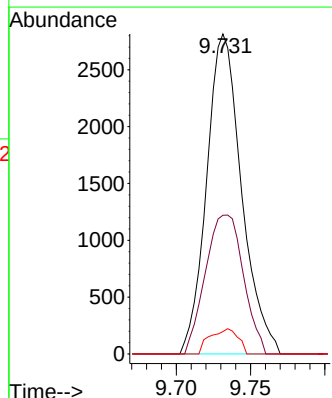
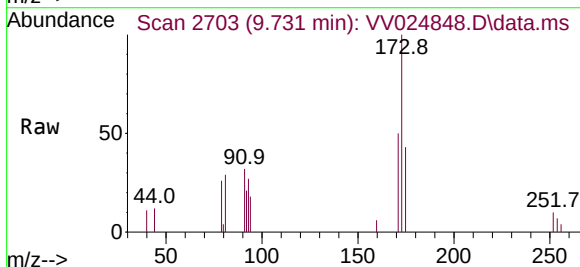
Tgt Ion: 173 Resp: 4600

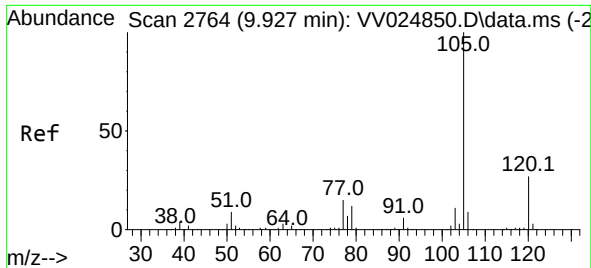
Ion Ratio Lower Upper

173 100

175 47.1 38.7 58.1

254 6.3 6.2 9.2

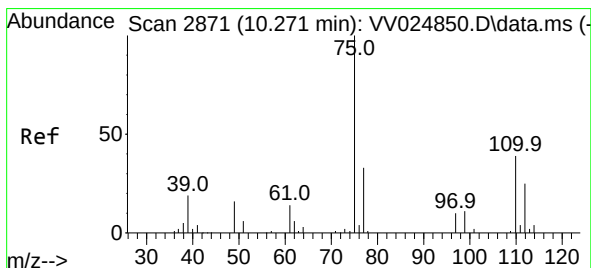
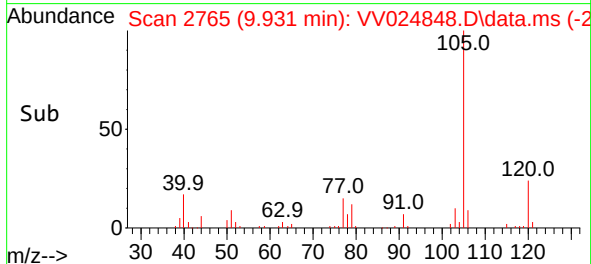
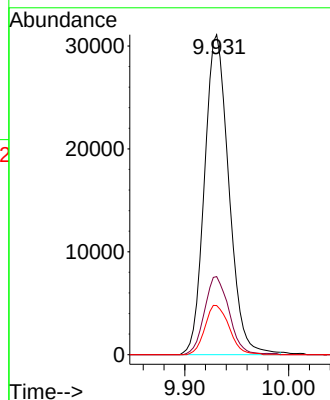
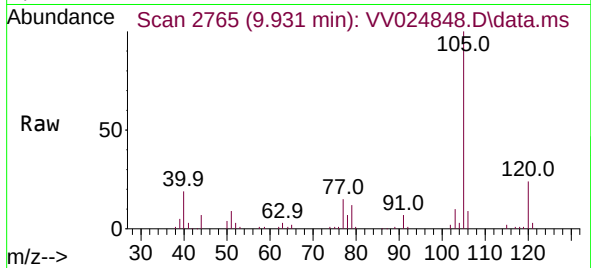




#60
Isopropylbenzene
Concen: 2.925 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

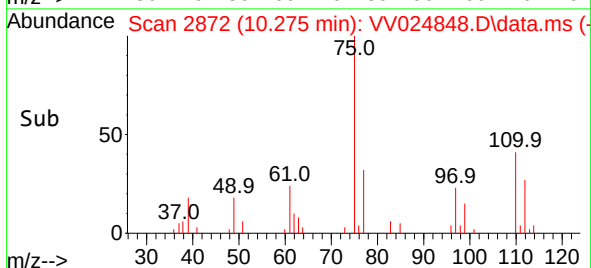
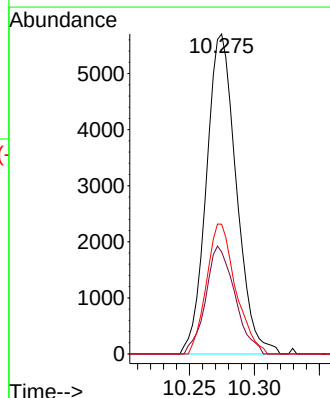
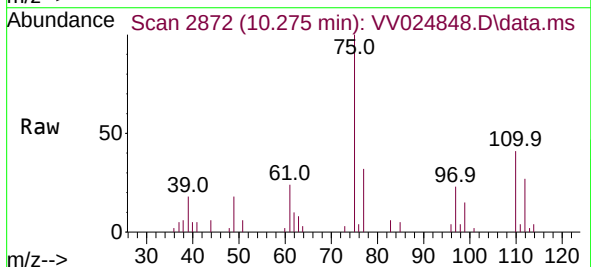
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

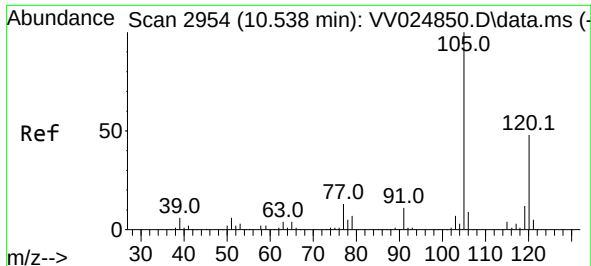
Tgt Ion:105 Resp: 50517
Ion Ratio Lower Upper
105 100
120 24.6 20.8 31.2
77 15.3 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 3.436 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion: 75 Resp: 9141
Ion Ratio Lower Upper
75 100
77 32.8 26.7 40.1
110 39.6 31.4 47.2

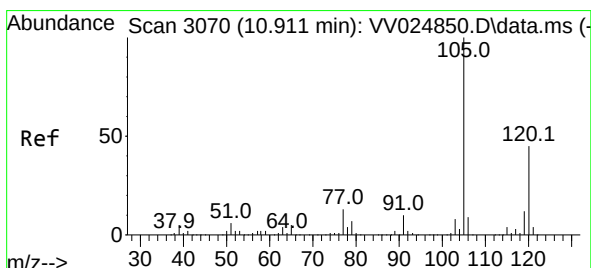
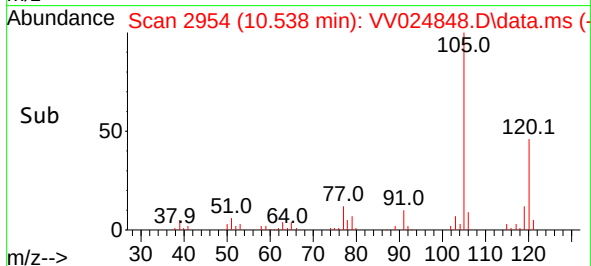
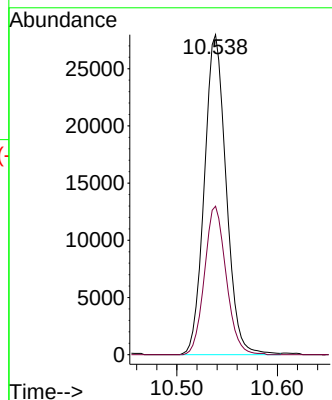
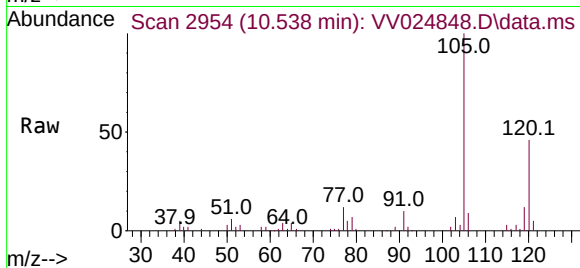




#62
1,3,5-Trimethylbenzene
Concen: 2.933 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

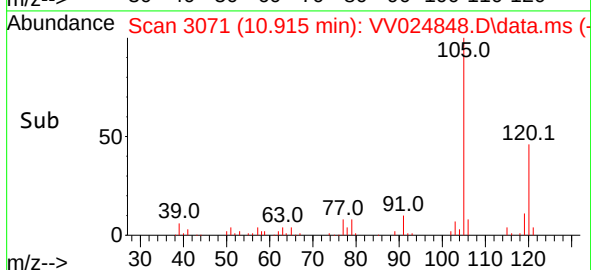
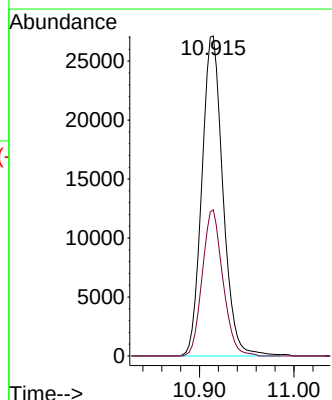
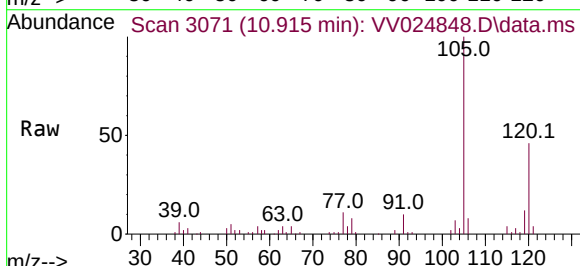
Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

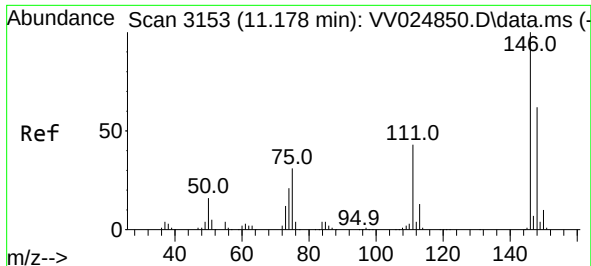
Tgt Ion:105 Resp: 42205
Ion Ratio Lower Upper
105 100
120 46.0 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 2.844 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion:105 Resp: 42011
Ion Ratio Lower Upper
105 100
120 44.6 35.8 53.8

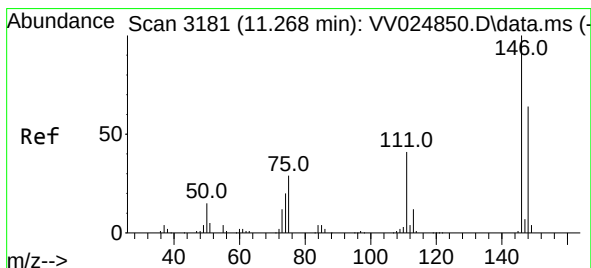
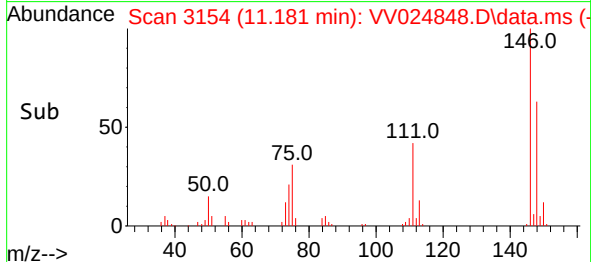
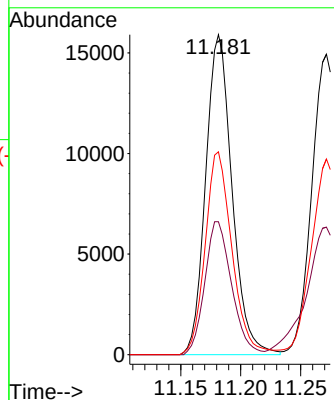
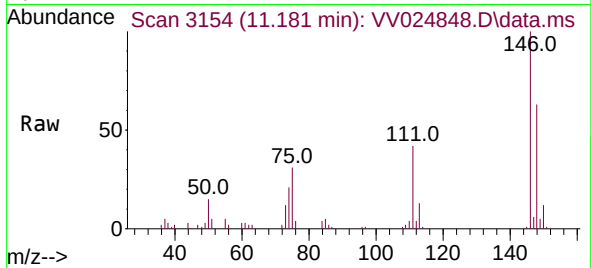




#64
 1,3-Dichlorobenzene
 Concen: 2.728 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV024848.D
 Acq: 02 Mar 2022 11:23

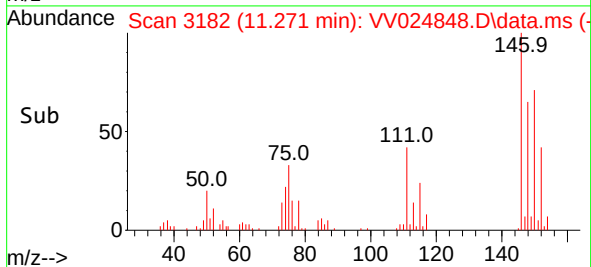
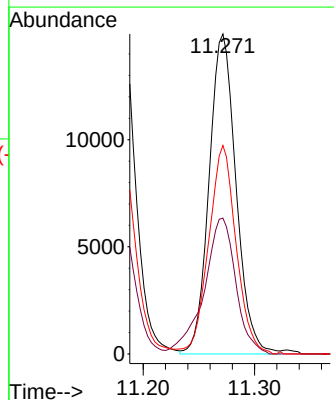
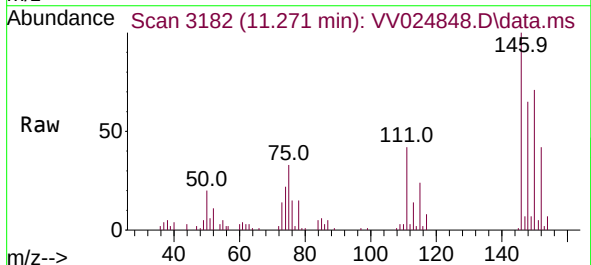
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.5201

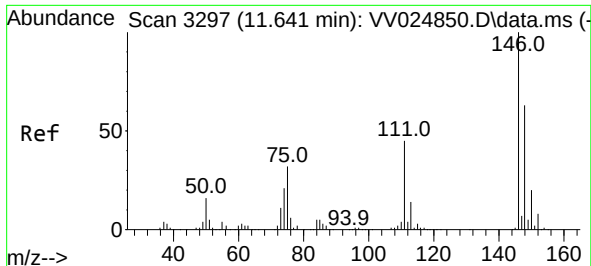
Tgt Ion:146 Resp: 24336
 Ion Ratio Lower Upper
 146 100
 111 41.5 30.0 55.6
 148 63.4 43.5 80.9



#65
 1,4-Dichlorobenzene
 Concen: 2.763 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV024848.D
 Acq: 02 Mar 2022 11:23

Tgt Ion:146 Resp: 25078
 Ion Ratio Lower Upper
 146 100
 111 42.5 29.2 54.2
 148 65.1 45.1 83.7

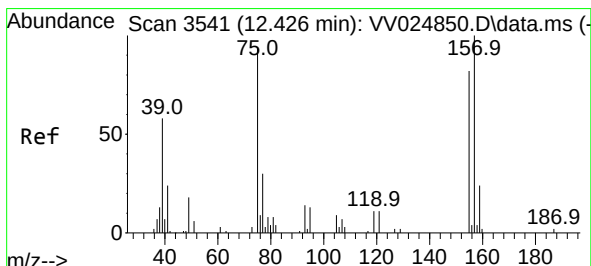
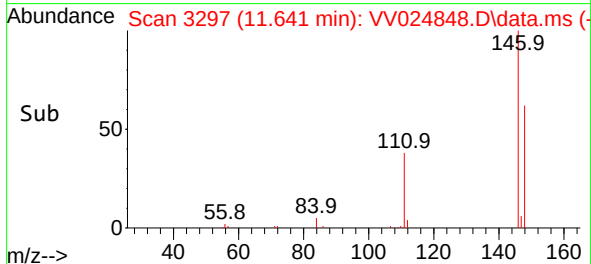
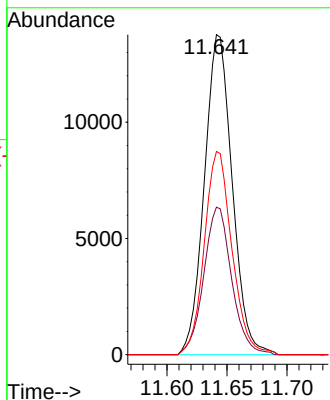
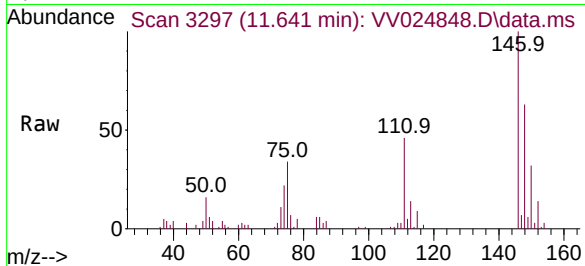




#67
 1,2-Dichlorobenzene
 Concen: 2.718 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV024848.D
 Acq: 02 Mar 2022 11:23

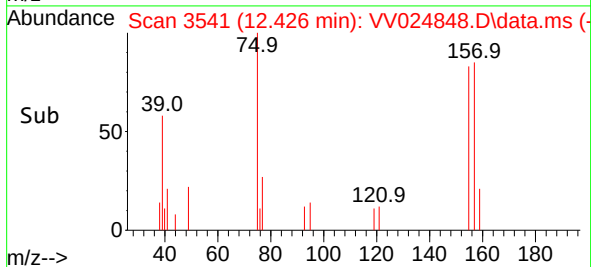
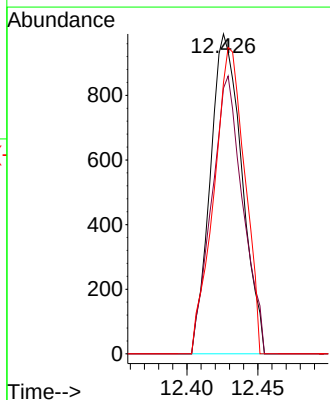
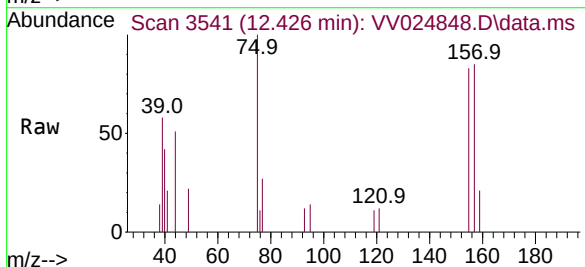
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.5201

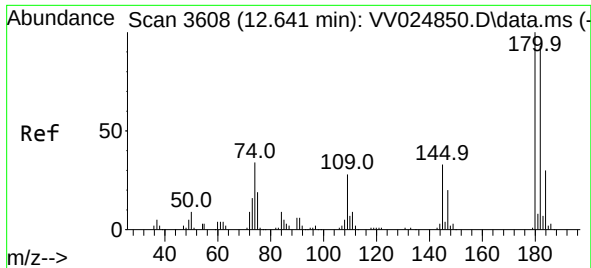
Tgt Ion:146 Resp: 22254
 Ion Ratio Lower Upper
 146 100
 111 46.1 36.4 54.6
 148 63.5 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.430 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV024848.D
 Acq: 02 Mar 2022 11:23

Tgt Ion: 75 Resp: 1534
 Ion Ratio Lower Upper
 75 100
 155 83.0 69.8 104.6
 157 84.7 85.3 127.9#

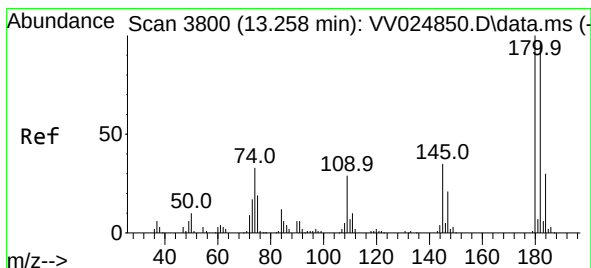
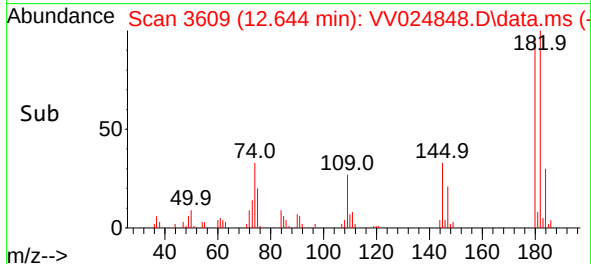
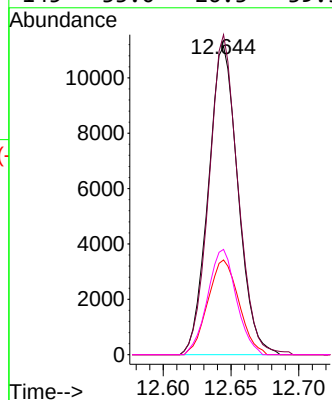
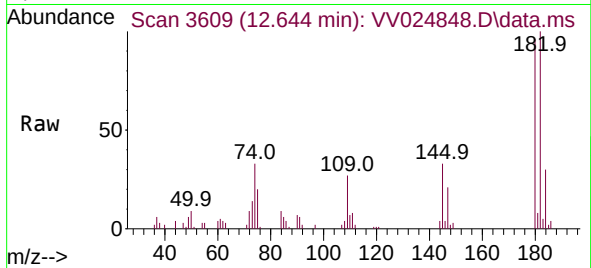




#69
 1,3,5-Trichlorobenzene
 Concen: 2.461 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV024848.D
 Acq: 02 Mar 2022 11:23

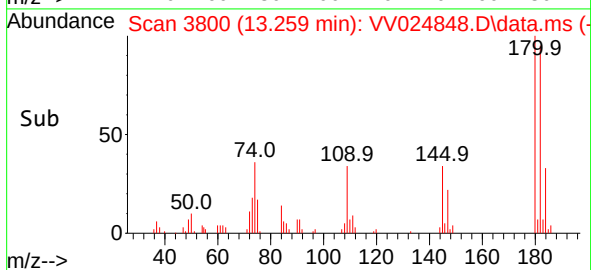
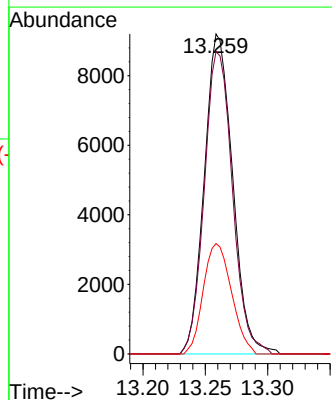
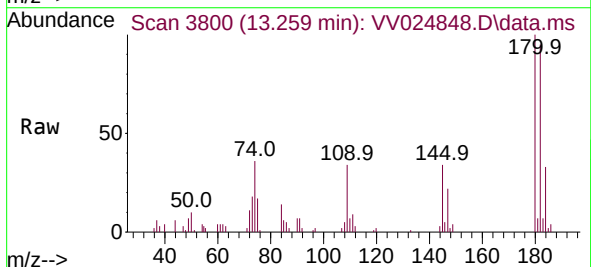
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.5201

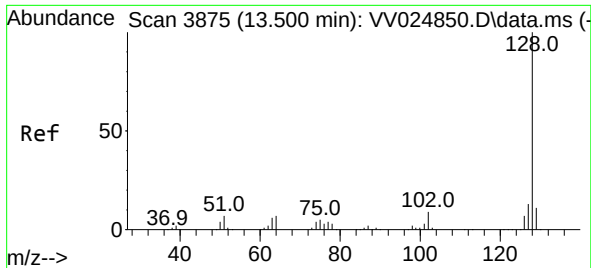
Tgt Ion:180	Resp:	16996
Ion Ratio	Lower	Upper
180	100	
182	100.4	75.8 113.8
184	32.0	24.2 36.4
145	33.0	26.3 39.5



#70
 1,2,4-trichlorobenzene
 Concen: 2.556 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024848.D
 Acq: 02 Mar 2022 11:23

Tgt Ion:180	Resp:	14551
Ion Ratio	Lower	Upper
180	100	
182	94.0	76.0 114.0
145	34.4	27.0 40.4

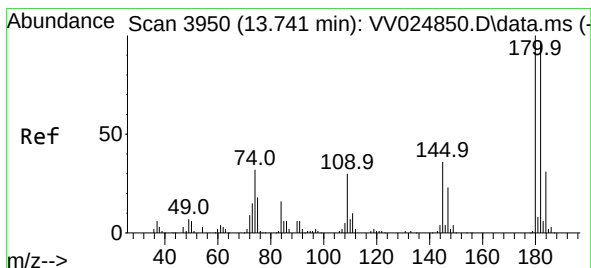
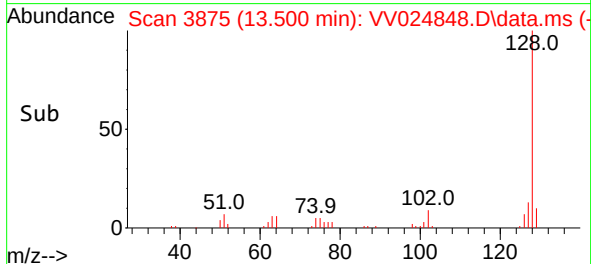
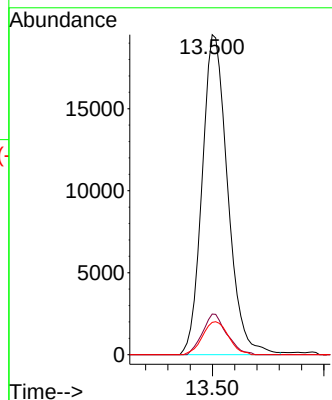
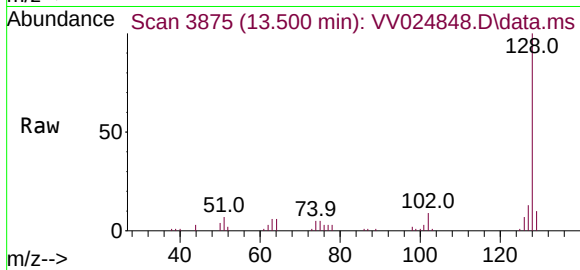




#71
Naphthalene
Concen: 2.860 ug/L
RT: 13.500 min Scan# 31059
Delta R.T. 0.000 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD2.5201

Tgt Ion:	128	Resp:	31059
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.1	15.1
129	10.5	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.540 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024848.D
Acq: 02 Mar 2022 11:23

Tgt Ion:	180	Resp:	13084
Ion	Ratio	Lower	Upper
180	100		
182	92.2	77.0	115.4
145	36.5	28.3	42.5

