

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026014.D
 Acq On : 08 Jun 2022 11:30
 Operator : SY/MD
 Sample : VSTD00557
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005257

Quant Time: Jun 09 04:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 04:33:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	253143	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	239727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	73157	4.194	ug/L	0.00
7) Chloroethane-d5	1.577	69	77445	4.600	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.117	63	166031	4.471	ug/L	0.00
20) 2-Butanone-d5	3.908	46	97224	32.747	ug/L	0.00
24) Chloroform-d	4.355	84	155338	4.683	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	63878	4.394	ug/L	0.00
32) Benzene-d6	5.056	84	300351	3.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	90908	3.816	ug/L	0.00
41) Toluene-d8	7.317	98	272789	4.001	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	27009	4.269	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	121842	48.090	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	60633	4.678	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	92618	4.614	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.140	85	115427	5.345	ug/L	100
3) Chloromethane	1.249	50	128105	4.955	ug/L	100
5) Vinyl chloride	1.320	62	133000	5.051	ug/L	100
6) Bromomethane	1.532	94	76343	5.094	ug/L	100
8) Chloroethane	1.593	64	81250	5.200	ug/L	100
9) Trichlorofluoromethane	1.761	101	169813	5.182	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	96037	5.252	ug/L	100
12) 1,1-Dichloroethene	2.127	96	94516	5.199	ug/L	100
13) Acetone	2.195	43	53350	27.469	ug/L	78
14) Carbon disulfide	2.301	76	265887	4.849	ug/L	100
15) Methyl Acetate	2.449	43	16382	2.968	ug/L	# 73
16) Methylene chloride	2.516	84	87478	4.705	ug/L	100
17) Methyl tert-butyl Ether	2.780	73	146044	4.481	ug/L	100
18) trans-1,2-Dichloroethene	2.770	96	87350	4.897	ug/L	100
19) 1,1-Dichloroethane	3.198	63	159767	4.960	ug/L	100
21) 2-Butanone	3.995	43	98460	32.608	ug/L	100
22) cis-1,2-Dichloroethene	3.921	96	87737	4.782	ug/L	100
23) Bromochloromethane	4.256	128	36595	4.916	ug/L	100
25) Chloroform	4.381	83	163398	5.004	ug/L	100
27) 1,2-Dichloroethane	5.137	62	77506	4.539	ug/L	100
29) 1,1,1-Trichloroethane	4.616	97	143184	4.322	ug/L	100
30) Cyclohexane	4.683	56	130149	3.851	ug/L	100
31) Carbon tetrachloride	4.834	117	119636	4.296	ug/L	100
33) Benzene	5.104	78	358938	4.161	ug/L	100
34) Trichloroethene	5.918	95	91183	4.125	ug/L	100
35) Methylcyclohexane	6.133	83	140975	3.975	ug/L	100
37) 1,2-Dichloropropane	6.175	63	85812	4.191	ug/L	100
38) Bromodichloromethane	6.513	83	103858	4.381	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	104558	4.173	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	364222	40.472	ug/L	100
42) Toluene	7.387	91	382814	4.524	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85010	4.619	ug/L	100

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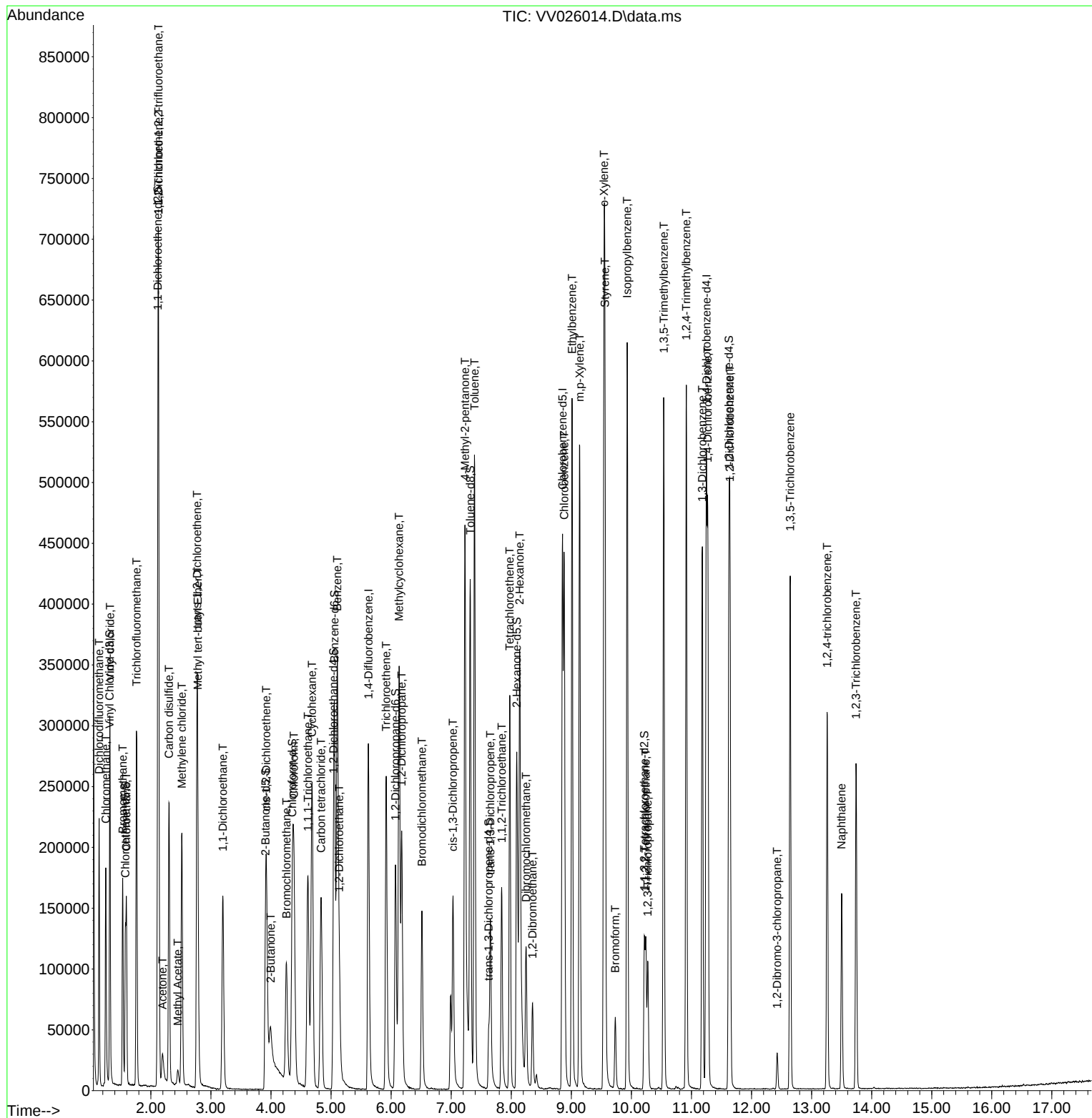
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	54440	4.503	ug/L	100
47) Tetrachloroethene	7.976	164	69496	4.580	ug/L	100
48) 2-Hexanone	8.140	43	260644	47.159	ug/L	100
49) Dibromochloromethane	8.246	129	59277	4.762	ug/L	100
50) 1,2-Dibromoethane	8.352	107	49870	4.738	ug/L	100
51) Chlorobenzene	8.882	112	235535	4.883	ug/L	100
52) Ethylbenzene	9.011	91	384507	5.008	ug/L	100
53) m,p-Xylene	9.140	106	154320	5.161	ug/L	100
54) o-Xylene	9.545	106	145856	5.184	ug/L	100
55) Styrene	9.561	104	253499	5.283	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	57472	4.581	ug/L	100
59) Bromoform	9.731	173	25688	4.584	ug/L	100
60) Isopropylbenzene	9.931	105	384721	5.061	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	42989	4.669	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	300224	5.039	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	306476	5.117	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	180377	4.902	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	179174	4.790	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	156144	4.777	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7701	4.444	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	124466	4.716	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	92888	4.676	ug/L	100
71) Naphthalene	13.500	128	126442	4.321	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	78882	4.624	ug/L	100

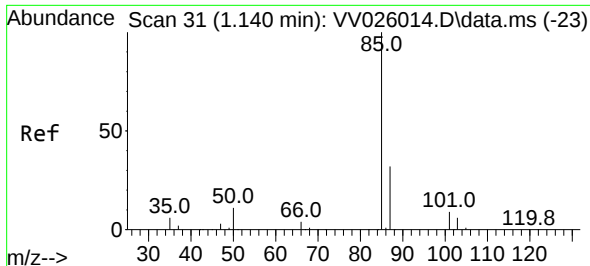
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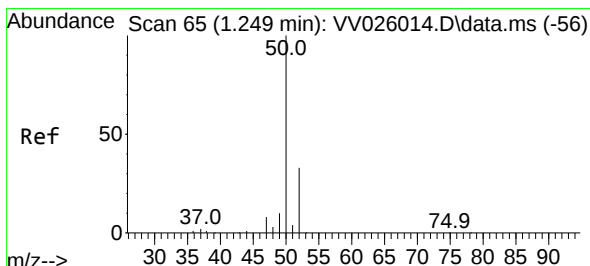
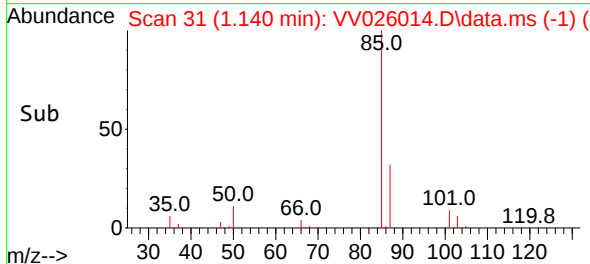
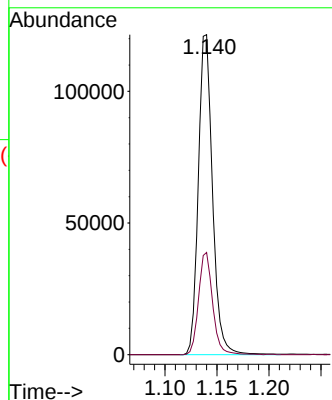
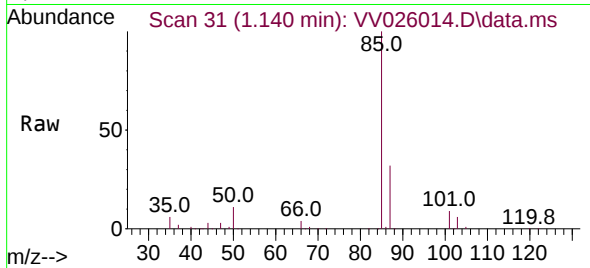




#2
Dichlorodifluoromethane
Concen: 5.345 ug/L
RT: 1.140 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

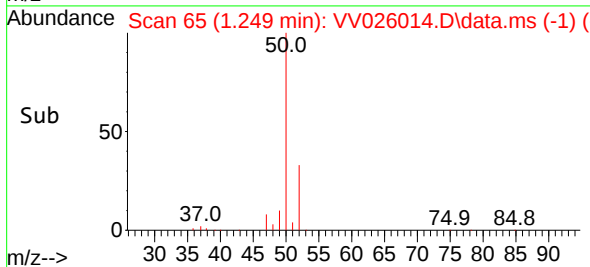
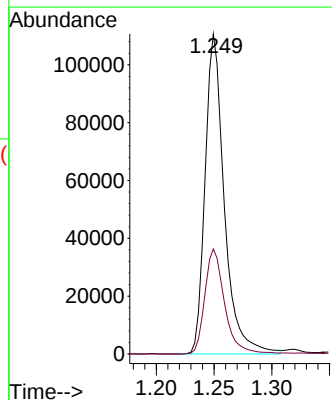
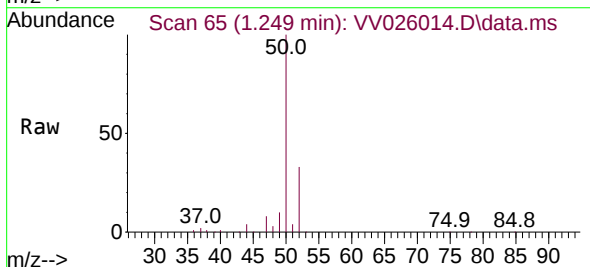
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MSVOA_V
ClientSampleId :
VSTD005257

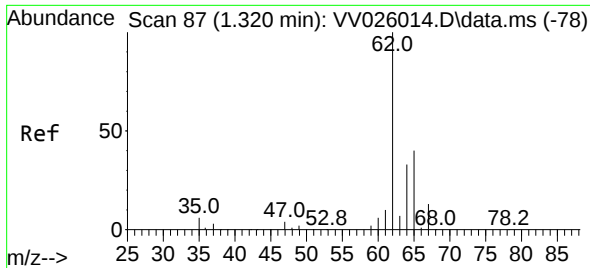
Tgt Ion: 85 Resp: 115427
Ion Ratio Lower Upper
85 100
87 31.6 25.3 37.9



#3
Chloromethane
Concen: 4.955 ug/L
RT: 1.249 min Scan# 65
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 50 Resp: 128105
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.6

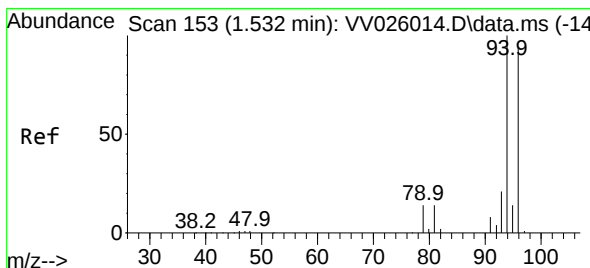
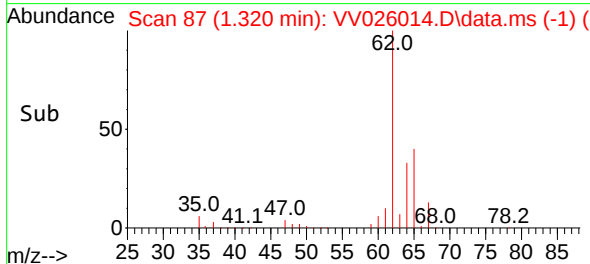
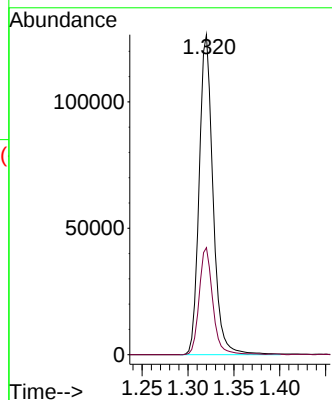
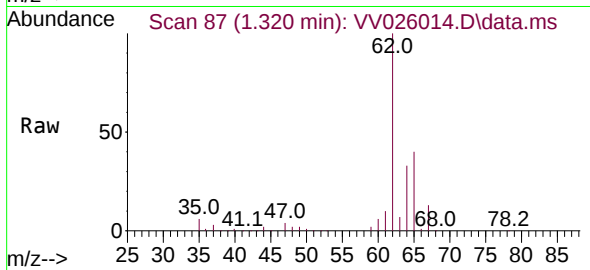




#5
 Vinyl chloride
 Concen: 5.051 ug/L
 RT: 1.320 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

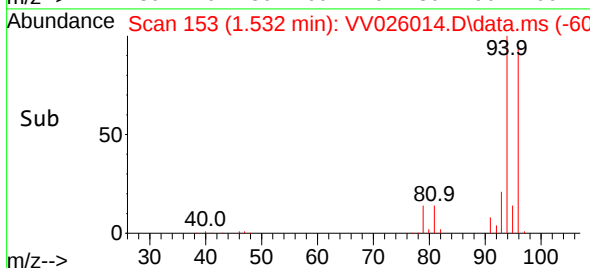
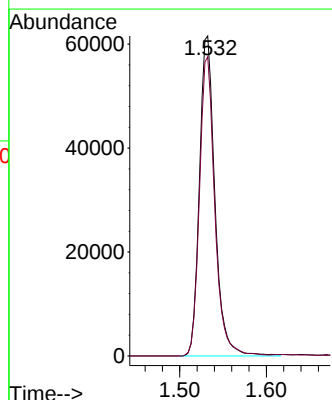
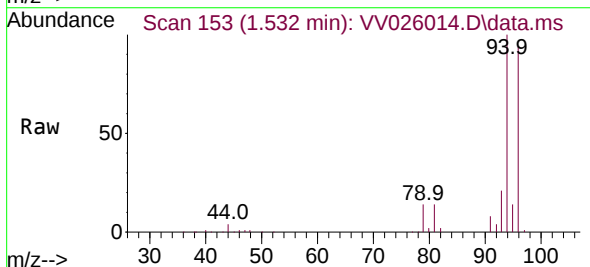
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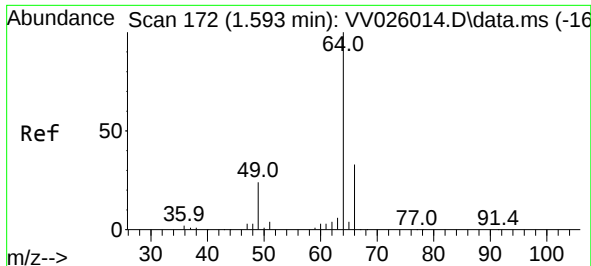
Tgt Ion: 62 Resp: 133000
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 5.094 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

Tgt Ion: 94 Resp: 76343
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.5 121.6

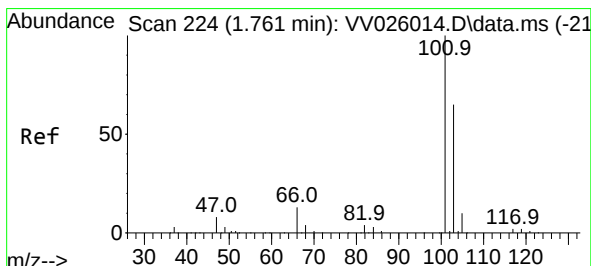
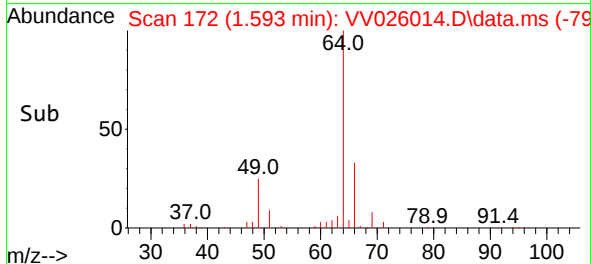
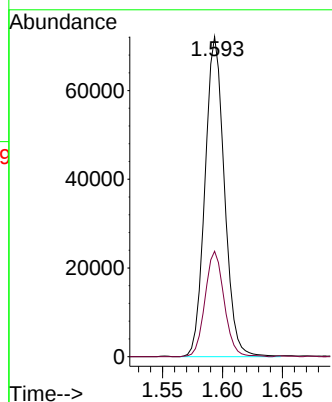
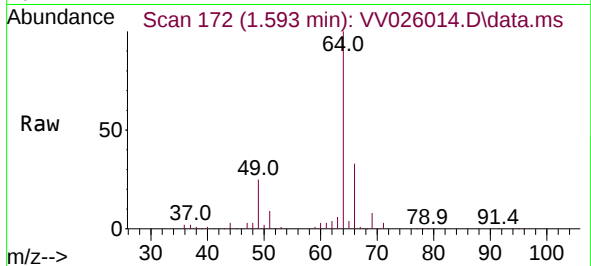




#8
Chloroethane
Concen: 5.200 ug/L
RT: 1.593 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

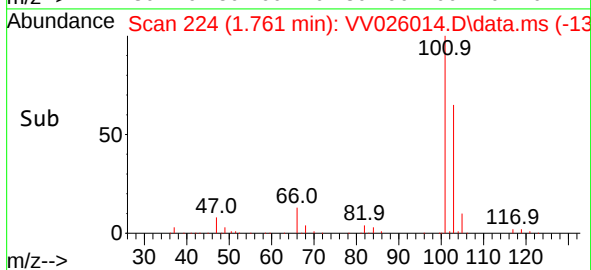
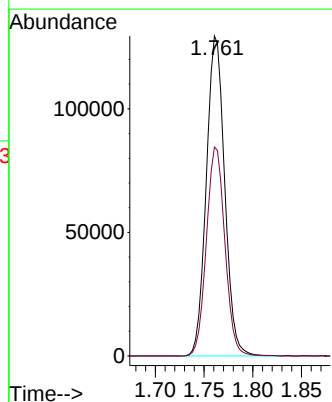
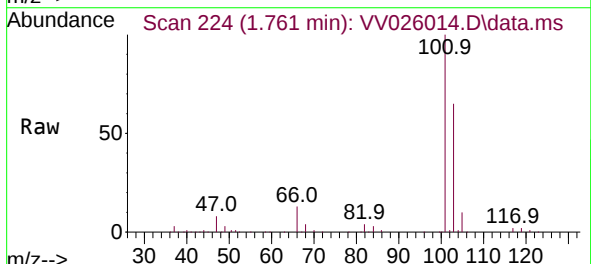
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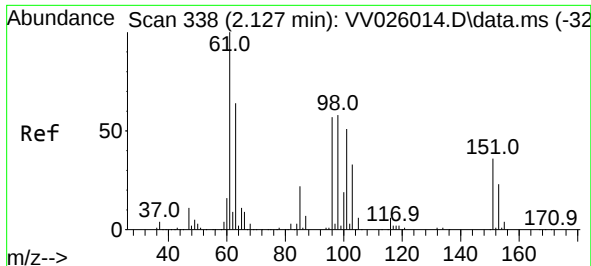
Tgt Ion: 64 Resp: 81250
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.182 ug/L
RT: 1.761 min Scan# 224
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion:101 Resp: 169813
Ion Ratio Lower Upper
101 100
103 65.7 52.6 78.8

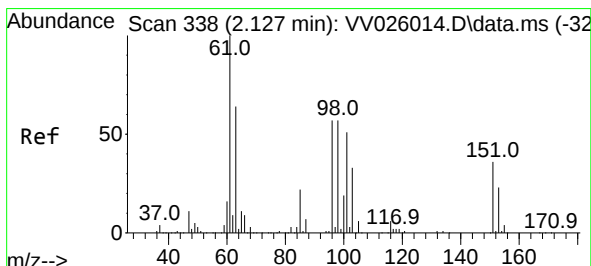
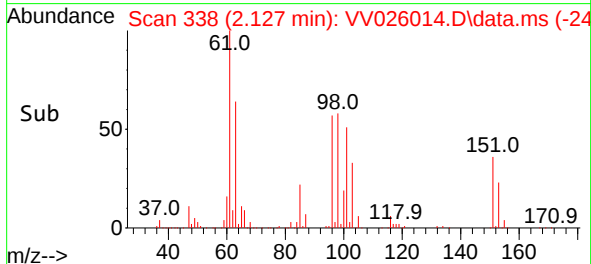
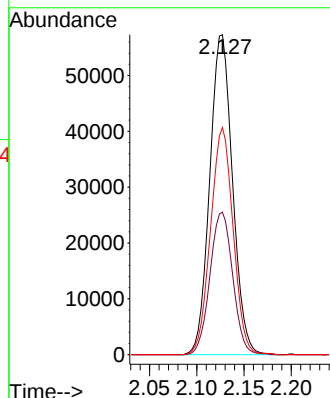
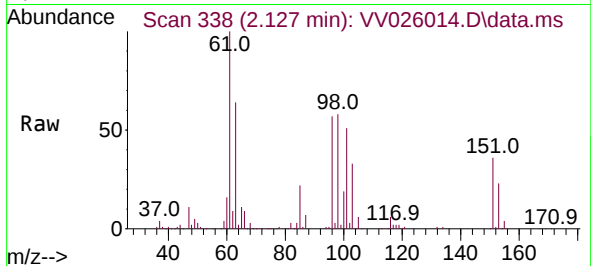




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.252 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

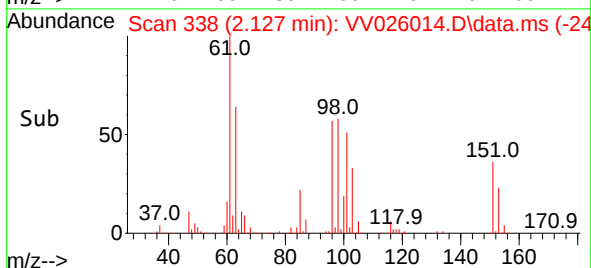
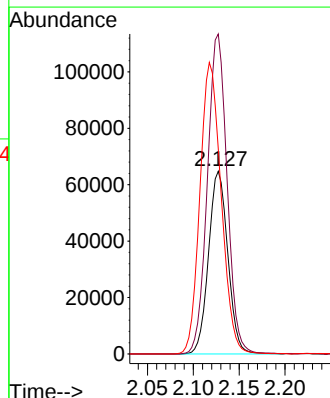
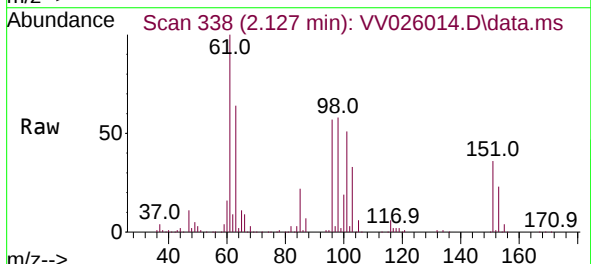
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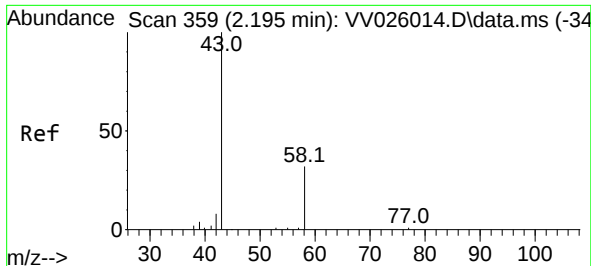
Tgt Ion: 101 Resp: 96037
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 70.5 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 5.199 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

Tgt Ion: 96 Resp: 94516
 Ion Ratio Lower Upper
 96 100
 61 175.1 122.6 227.6
 63 112.2 78.5 145.9





#13

Acetone

Concen: 27.469 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.000 min

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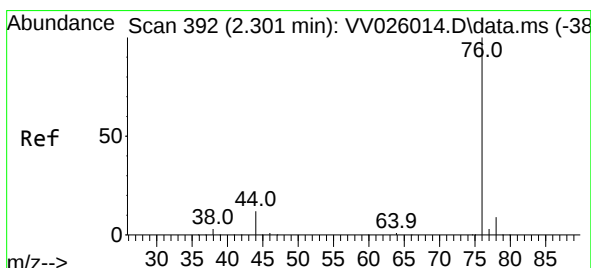
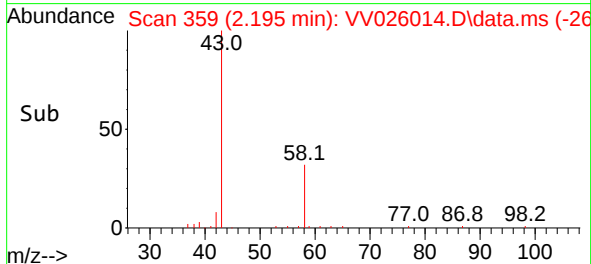
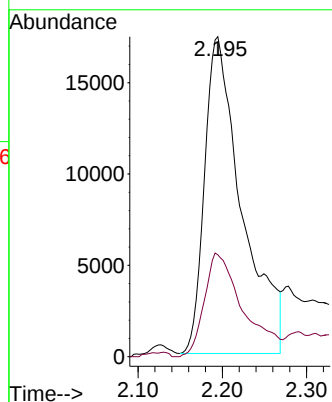
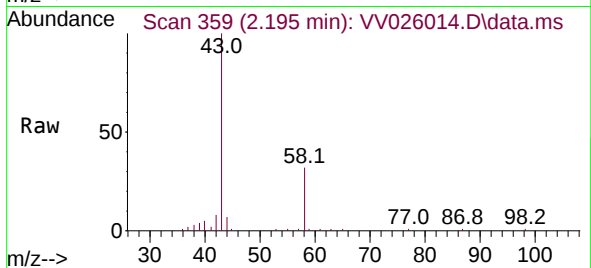
VSTD005257

Tgt Ion: 43 Resp: 53350

Ion Ratio Lower Upper

43 100

58 34.4 0.0 47.6



#14

Carbon disulfide

Concen: 4.849 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.000 min

Lab File: VV026014.D

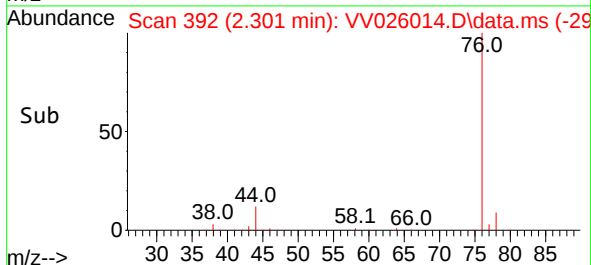
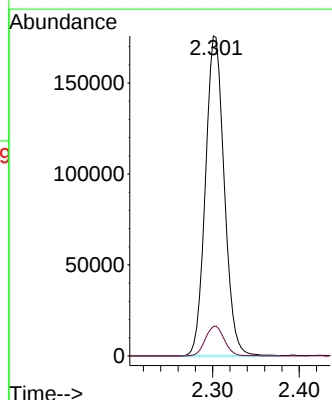
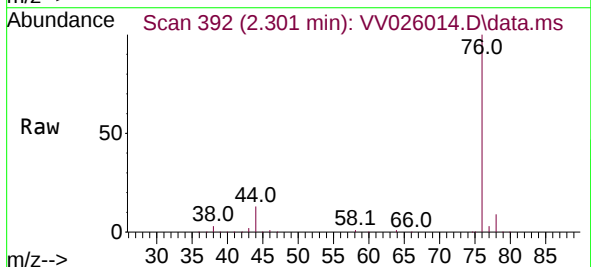
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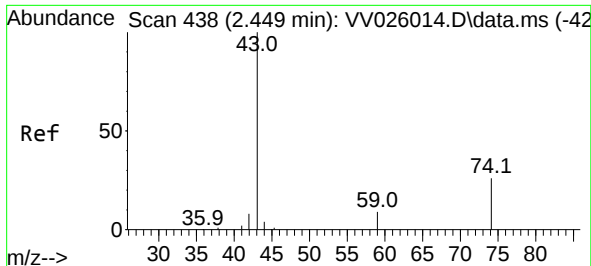
Tgt Ion: 76 Resp: 265887

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

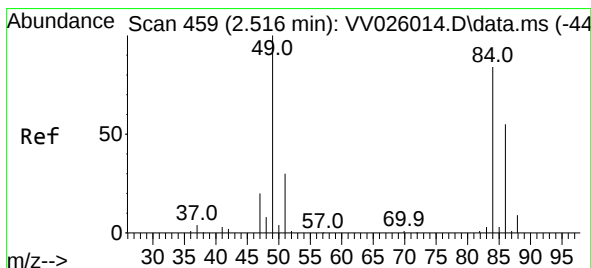
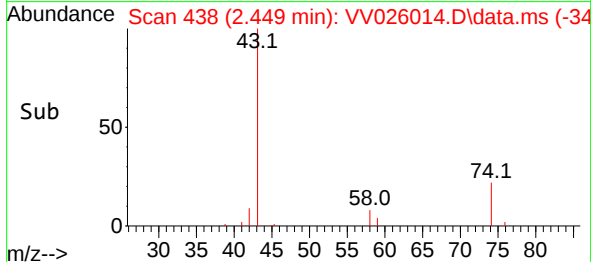
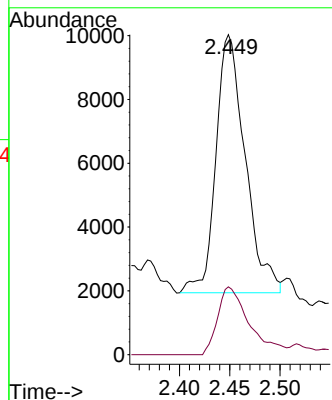
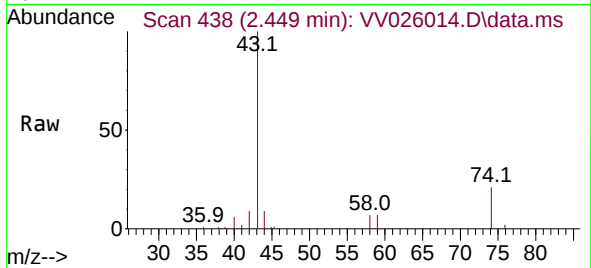




#15
Methyl Acetate
Concen: 2.968 ug/L
RT: 2.449 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

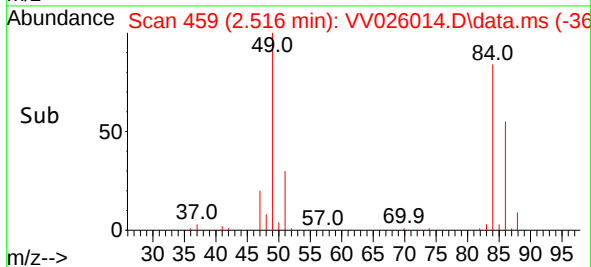
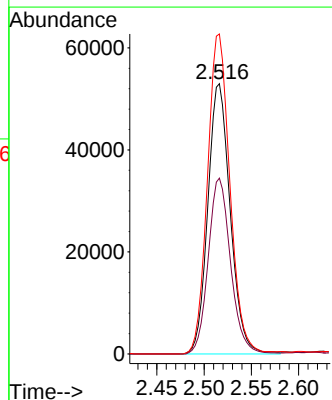
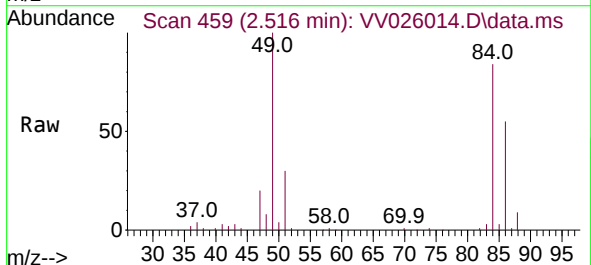
Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

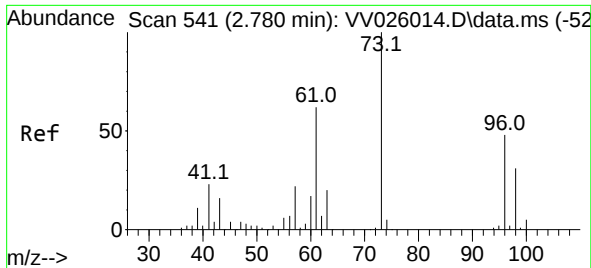
Tgt Ion: 43 Resp: 16382
Ion Ratio Lower Upper
43 100
74 28.4 13.3 19.9#



#16
Methylene chloride
Concen: 4.705 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 84 Resp: 87478
Ion Ratio Lower Upper
84 100
86 65.1 45.6 84.6
49 118.4 82.9 153.9

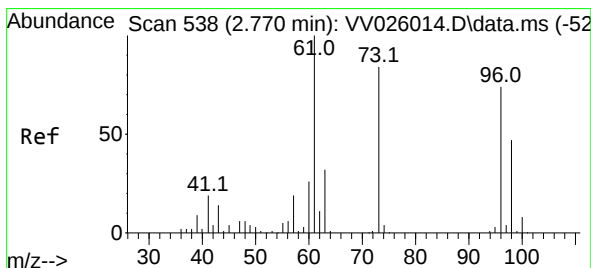
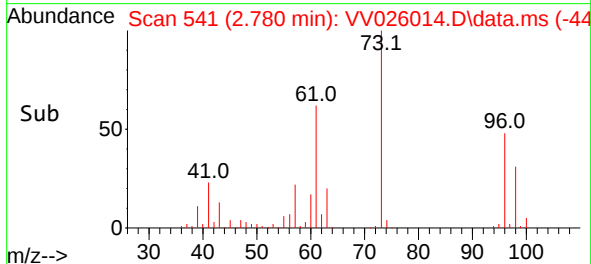
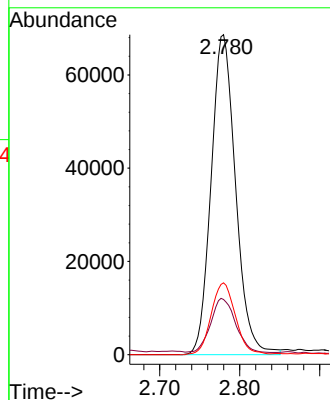
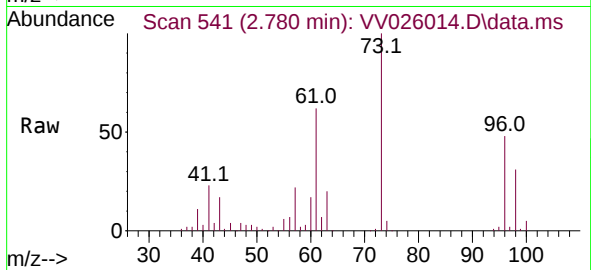




#17
Methyl tert-butyl Ether
Concen: 4.481 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

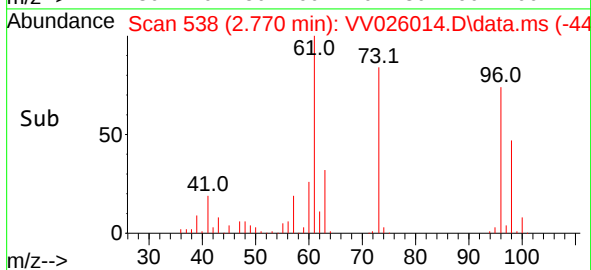
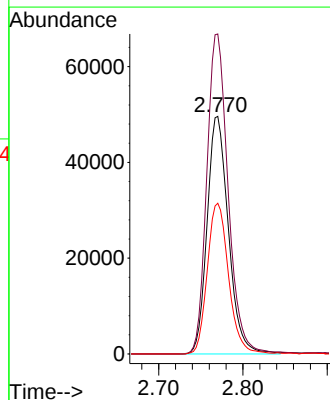
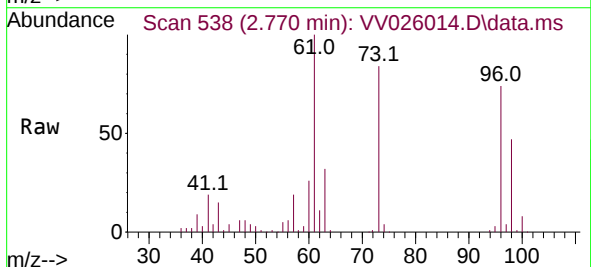
Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

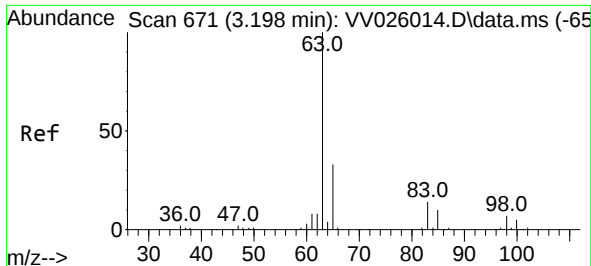
Tgt Ion: 73	Resp: 146044
Ion Ratio	Lower Upper
73 100	
43 17.1	13.7 20.5
57 22.2	17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 4.897 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 96	Resp: 87350
Ion Ratio	Lower Upper
96 100	
61 134.7	94.3 175.1
98 63.5	44.4 82.5

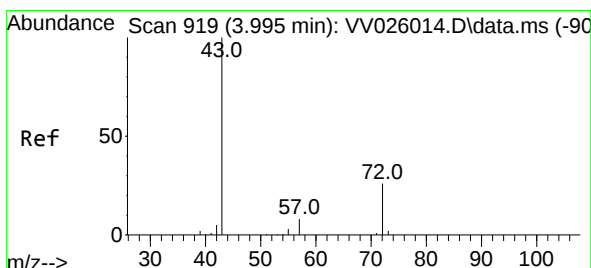
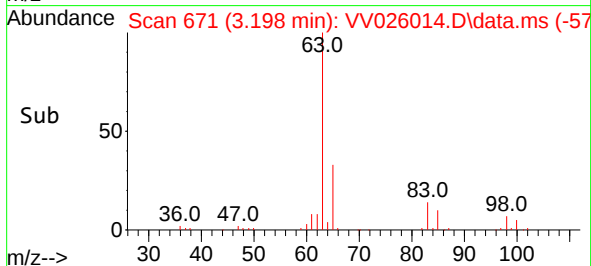
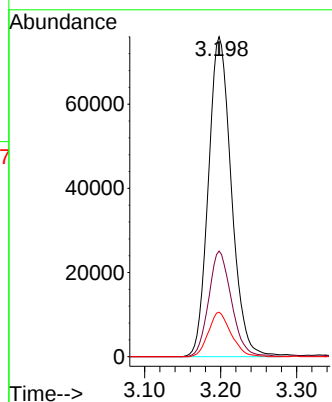
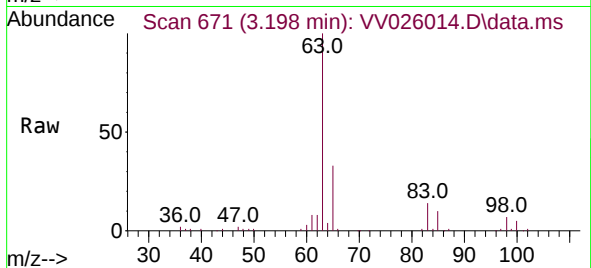




#19
1,1-Dichloroethane
Concen: 4.960 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

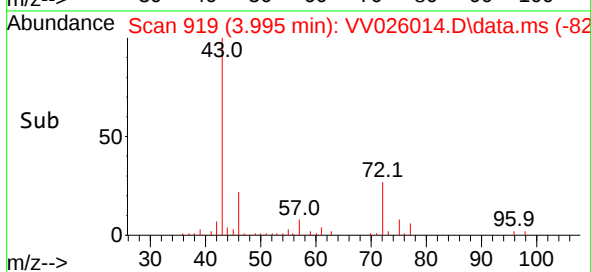
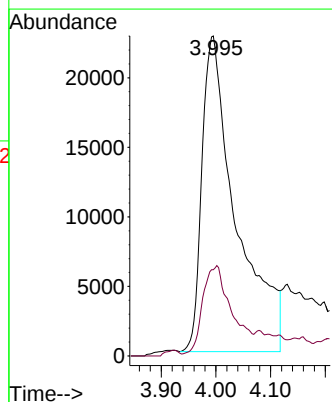
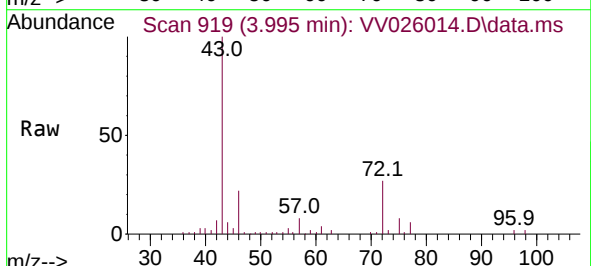
Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

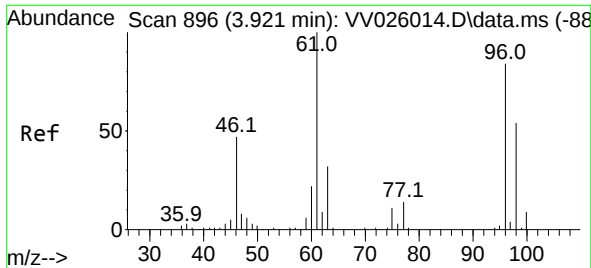
Tgt Ion: 63 Resp: 159767
Ion Ratio Lower Upper
63 100
65 33.0 23.1 42.9
83 13.9 9.7 18.1



#21
2-Butanone
Concen: 32.608 ug/L
RT: 3.995 min Scan# 919
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 43 Resp: 98460
Ion Ratio Lower Upper
43 100
72 23.8 11.9 35.7

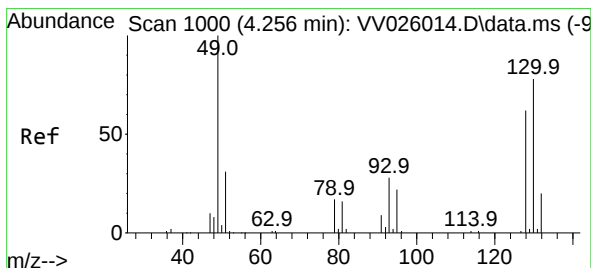
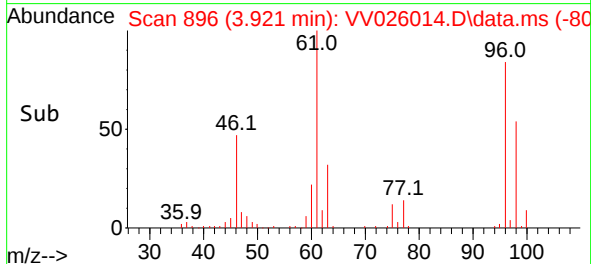
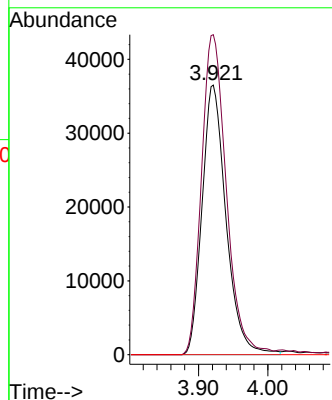
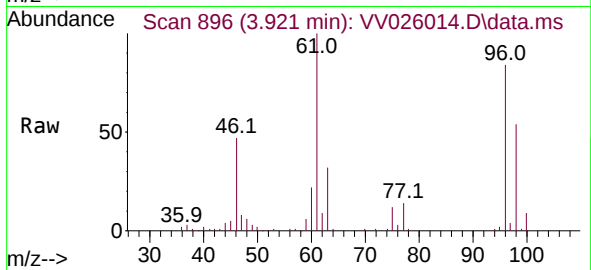




#22
 cis-1,2-Dichloroethene
 Concen: 4.782 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

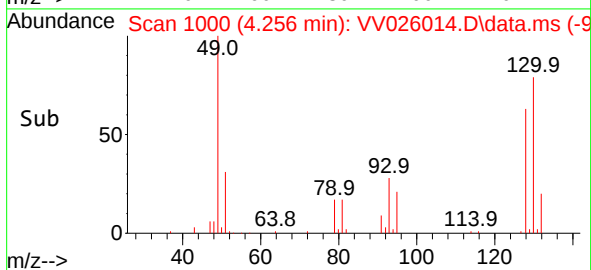
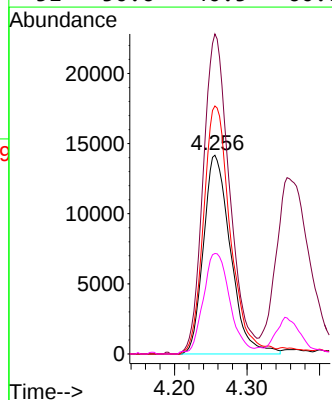
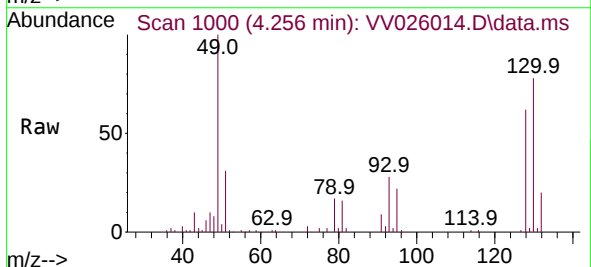
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005257

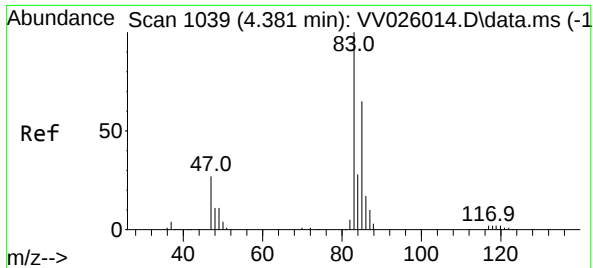
Tgt Ion: 96 Resp: 87737
 Ion Ratio Lower Upper
 96 100
 61 118.7 83.1 154.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.916 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

Tgt Ion: 128 Resp: 36595
 Ion Ratio Lower Upper
 128 100
 49 161.1 112.8 209.4
 130 124.9 87.4 162.4
 51 50.6 40.5 60.7

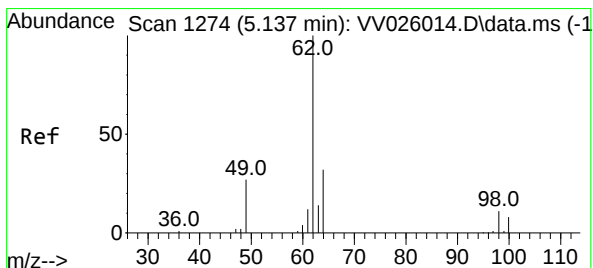
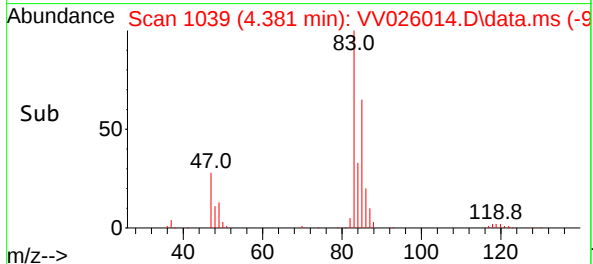
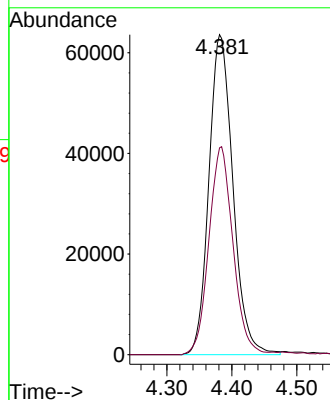
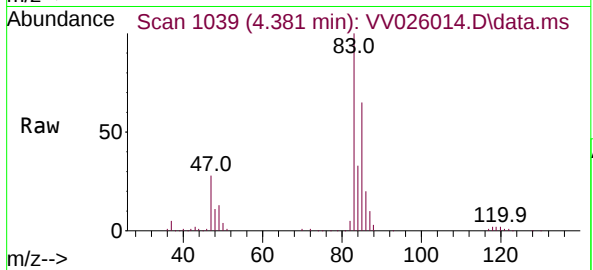




#25
Chloroform
Concen: 5.004 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

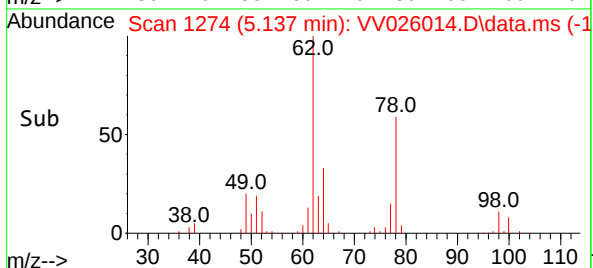
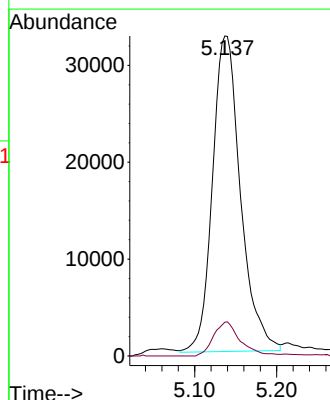
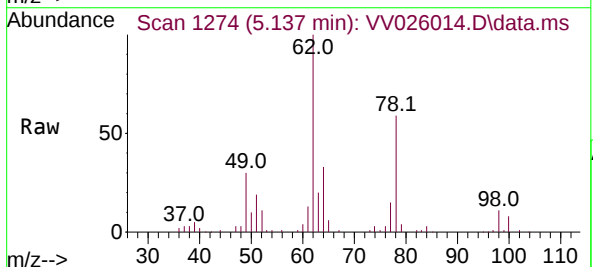
Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

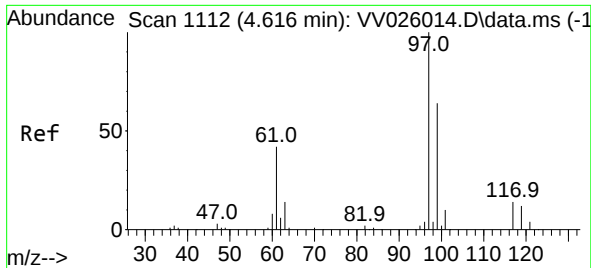
Tgt Ion: 83 Resp: 163398
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.539 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 62 Resp: 77506
Ion Ratio Lower Upper
62 100
98 10.6 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 4.322 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005257

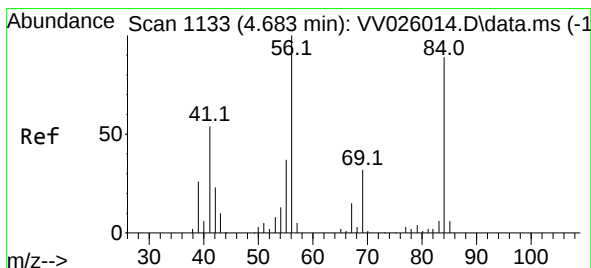
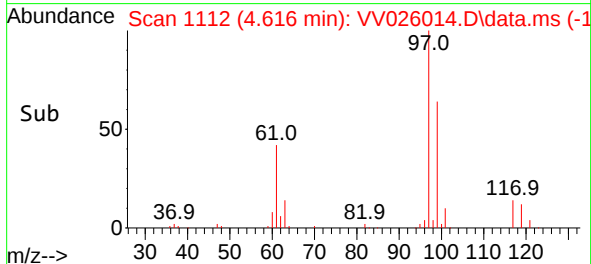
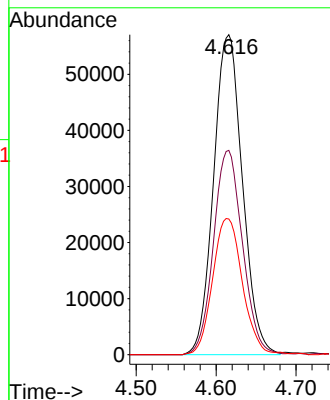
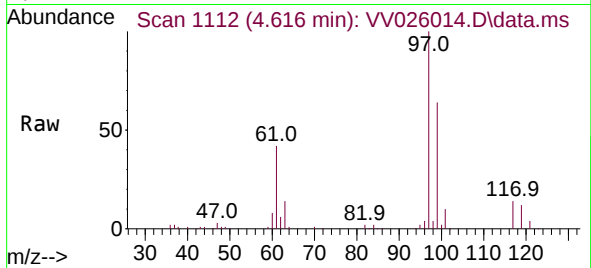
Tgt Ion: 97 Resp: 143184

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 43.6 34.9 52.3



#30

Cyclohexane

Concen: 3.851 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

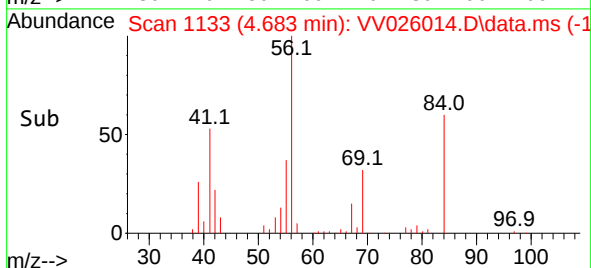
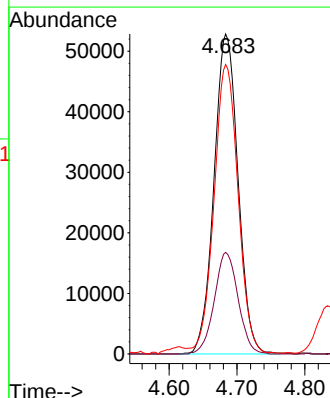
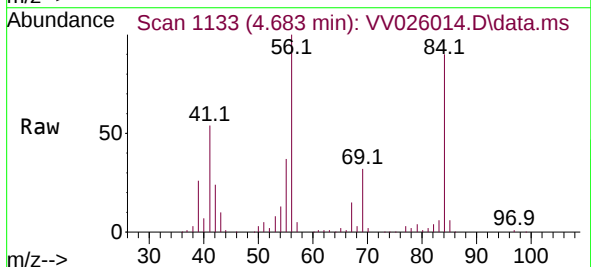
Tgt Ion: 56 Resp: 130149

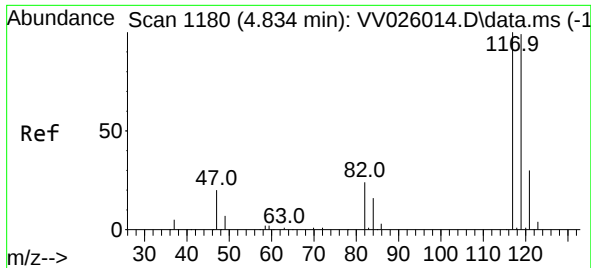
Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 90.3 72.2 108.4

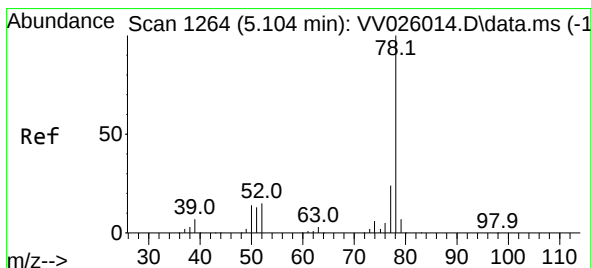
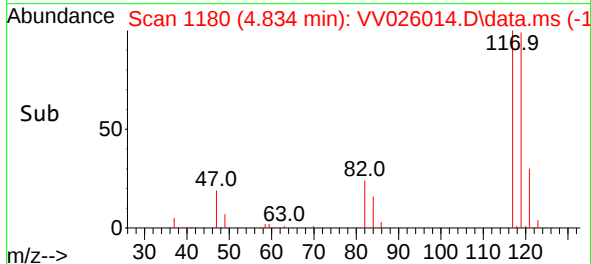
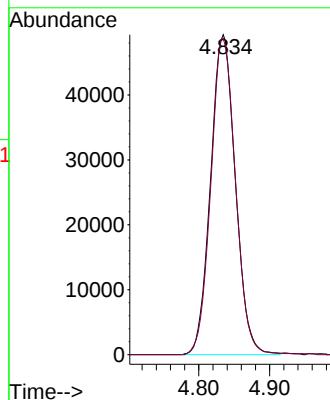
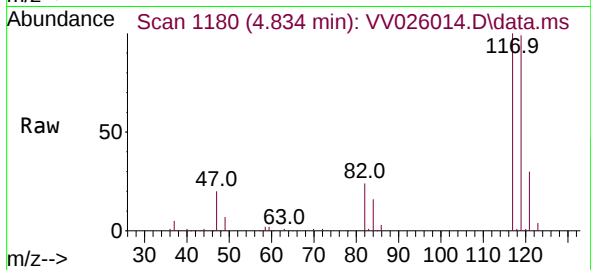




#31
Carbon tetrachloride
Concen: 4.296 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

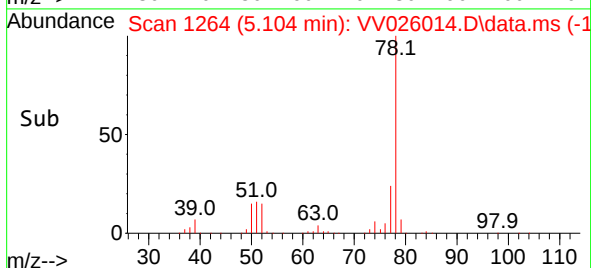
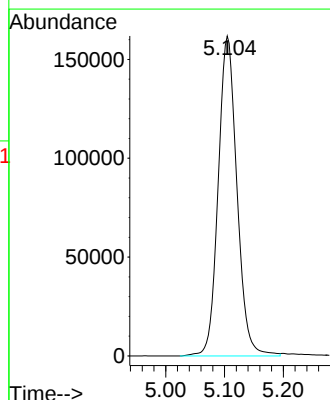
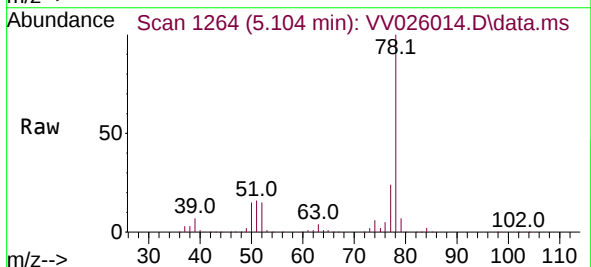
Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

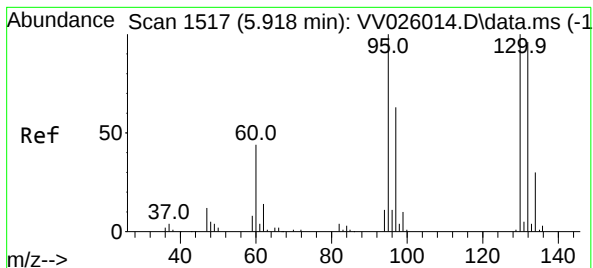
Tgt Ion:117 Resp: 119636
Ion Ratio Lower Upper
117 100
119 98.4 78.7 118.1



#33
Benzene
Concen: 4.161 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 78 Resp: 358938





#34

Trichloroethene

Concen: 4.125 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005257

Tgt Ion: 95 Resp: 91183

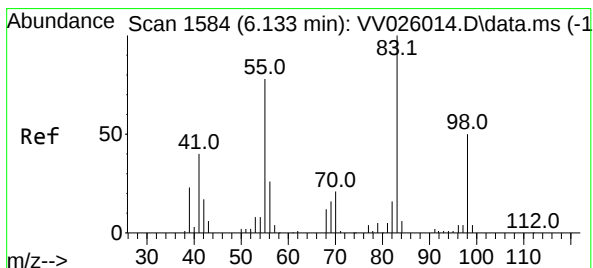
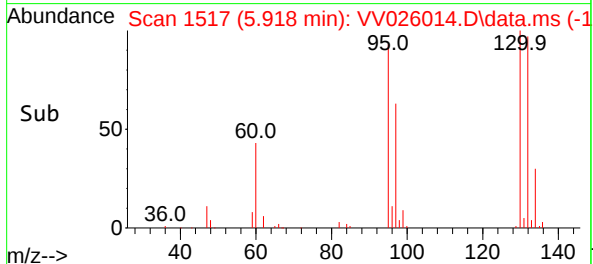
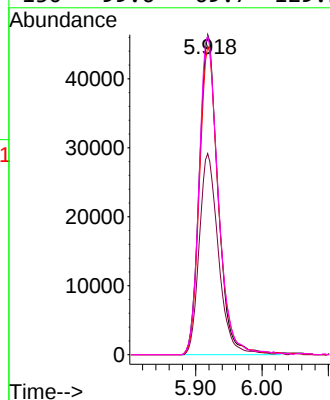
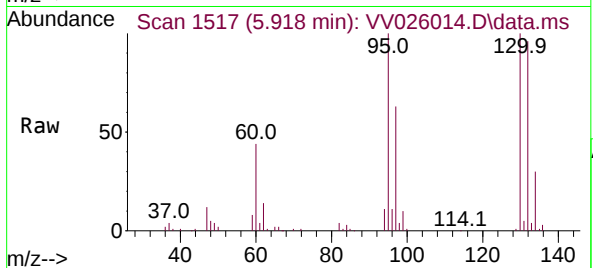
Ion Ratio Lower Upper

95 100

97 62.8 44.0 81.6

132 96.5 67.5 125.4

130 99.6 69.7 129.5



#35

Methylcyclohexane

Concen: 3.975 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

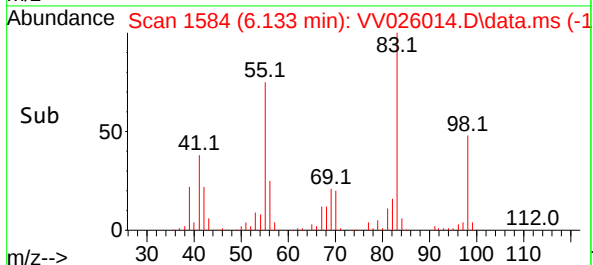
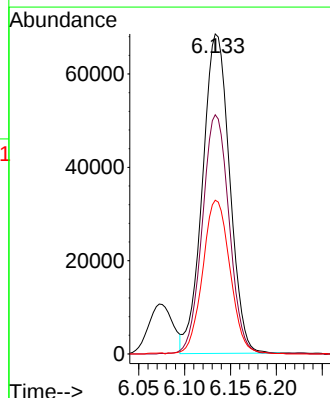
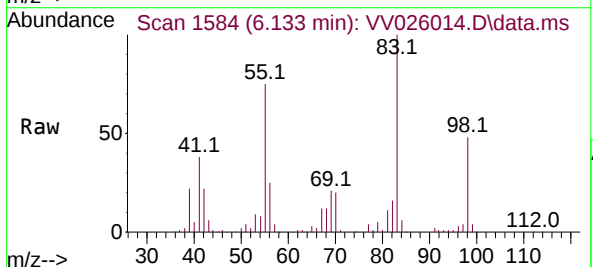
Tgt Ion: 83 Resp: 140975

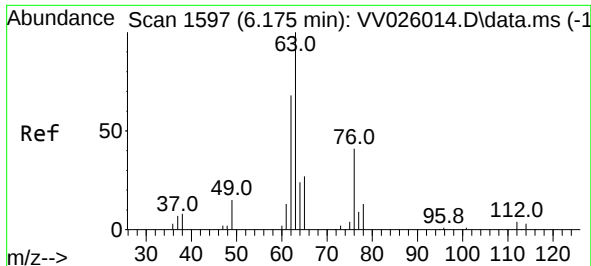
Ion Ratio Lower Upper

83 100

55 74.2 59.4 89.0

98 48.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 4.191 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

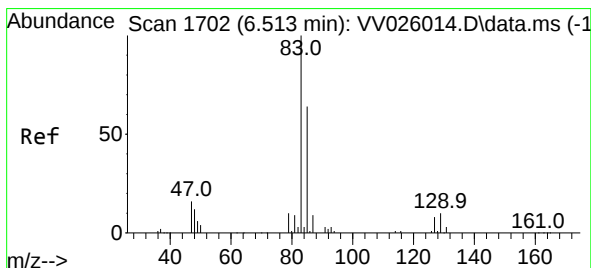
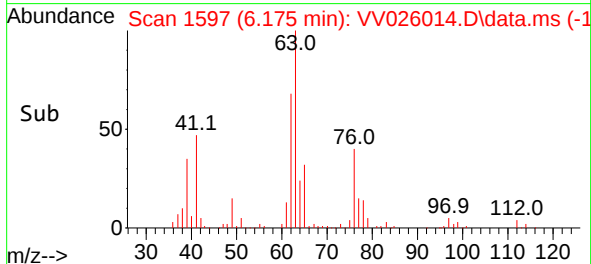
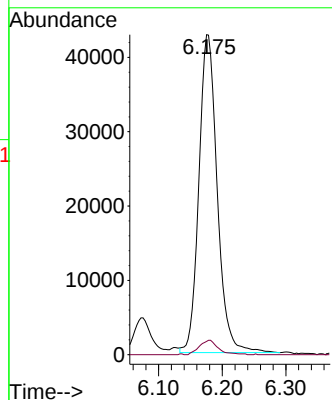
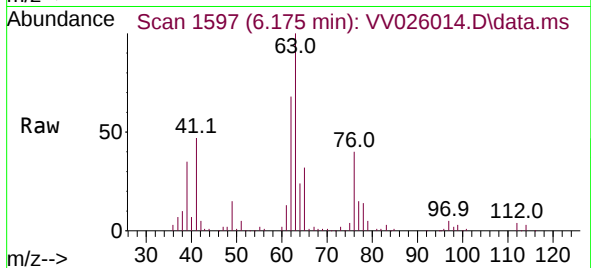
VSTD005257

Tgt Ion: 63 Resp: 85812

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 4.381 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

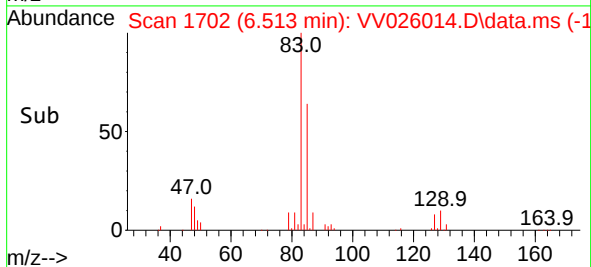
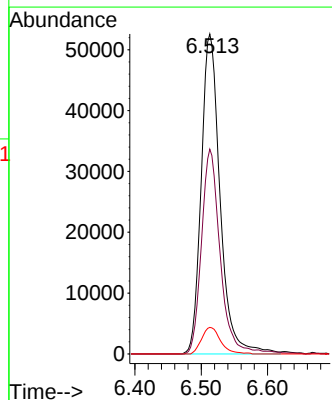
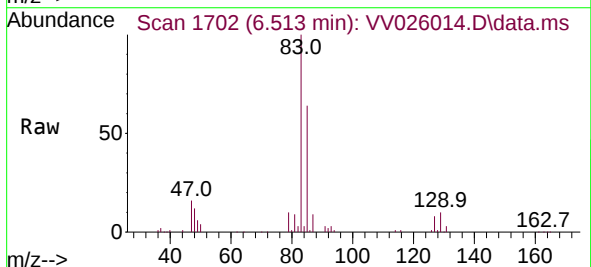
Tgt Ion: 83 Resp: 103858

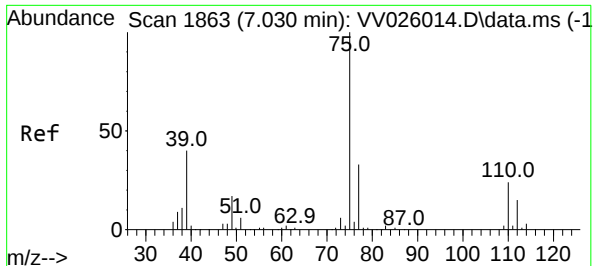
Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.173 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

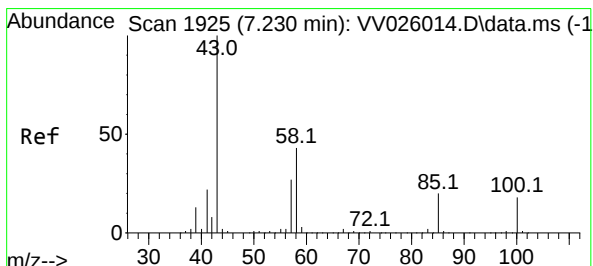
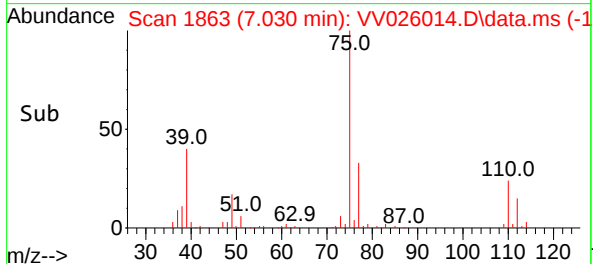
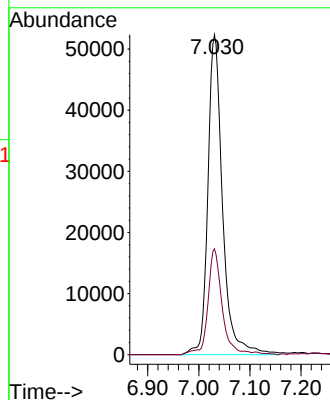
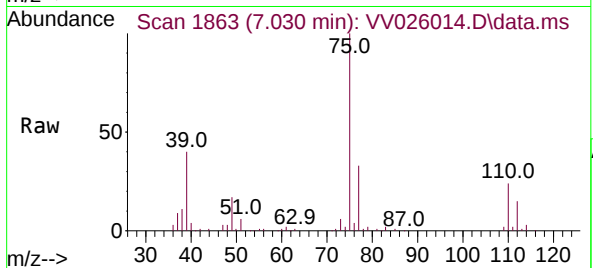
VSTD005257

Tgt Ion: 75 Resp: 104558

Ion Ratio Lower Upper

75 100

77 33.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 40.472 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

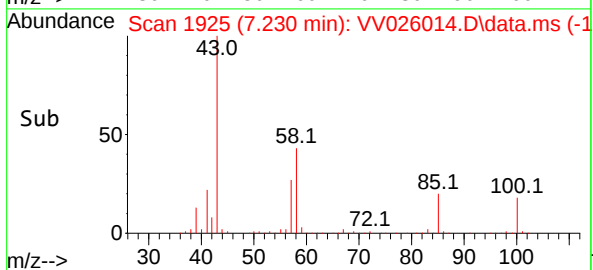
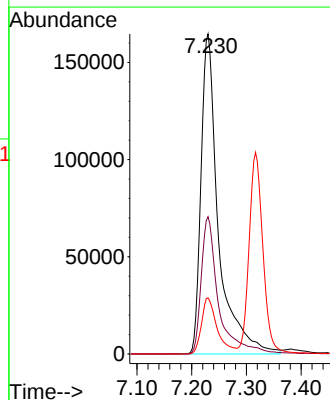
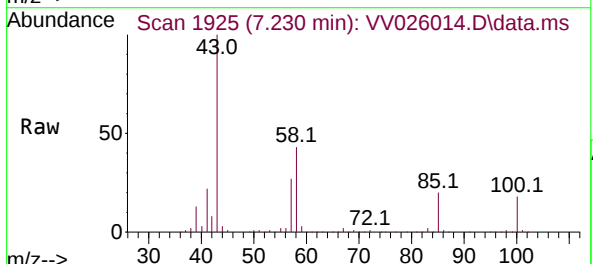
Tgt Ion: 43 Resp: 364222

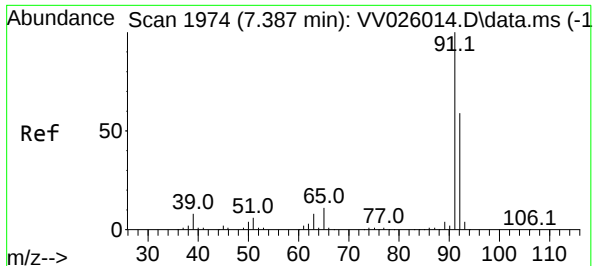
Ion Ratio Lower Upper

43 100

58 42.7 34.2 51.2

100 15.8 12.6 19.0

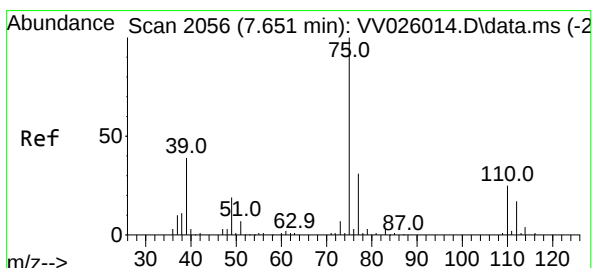
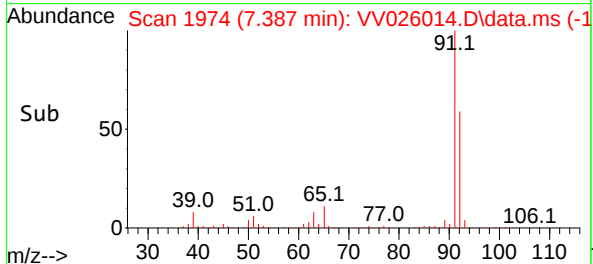
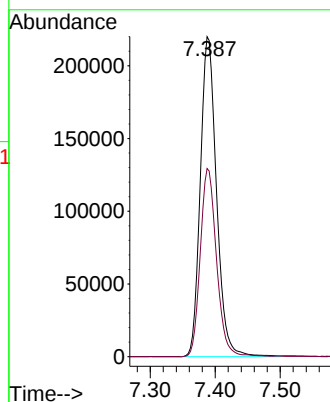
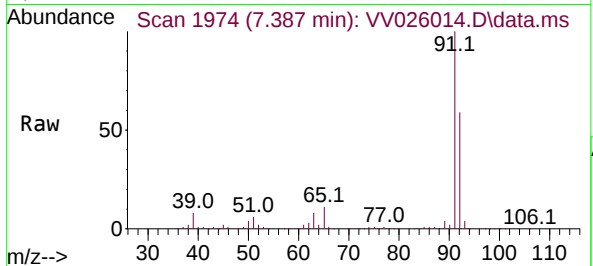




#42
Toluene
Concen: 4.524 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

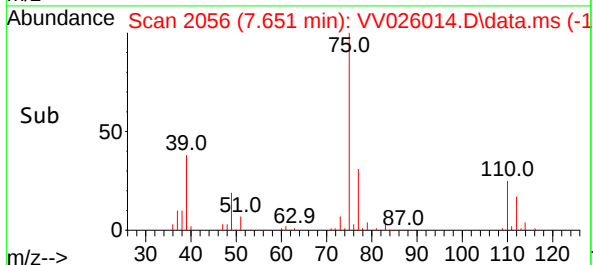
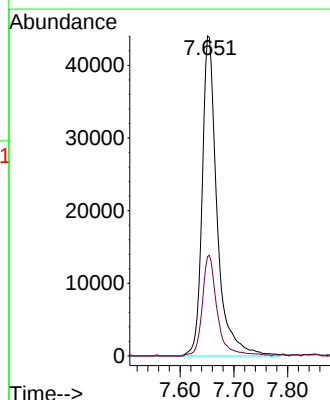
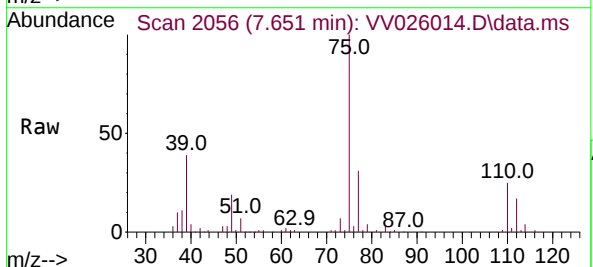
Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

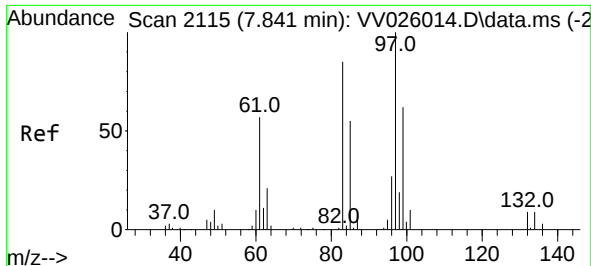
Tgt Ion: 91 Resp: 382814
Ion Ratio Lower Upper
91 100
92 58.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 4.619 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 75 Resp: 85010
Ion Ratio Lower Upper
75 100
77 31.0 21.7 40.3



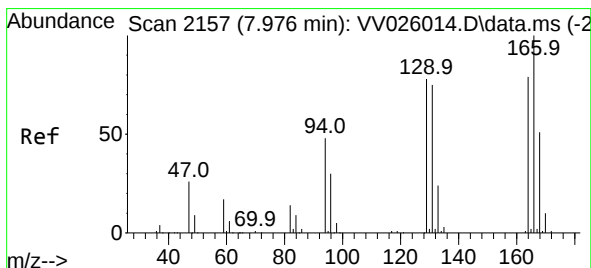
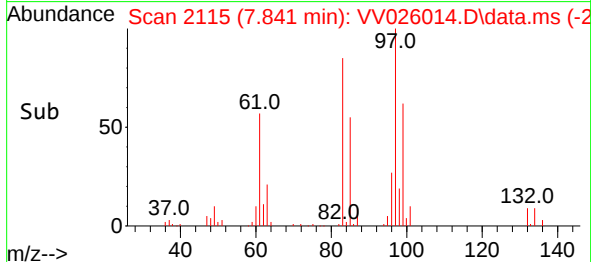
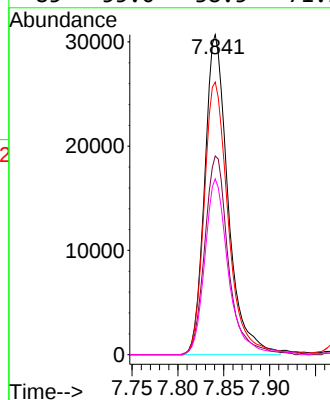
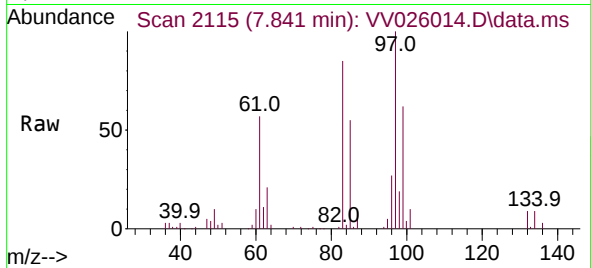


#45
1,1,2-Trichloroethane
Concen: 4.503 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

Tgt Ion: 97 Resp: 54440

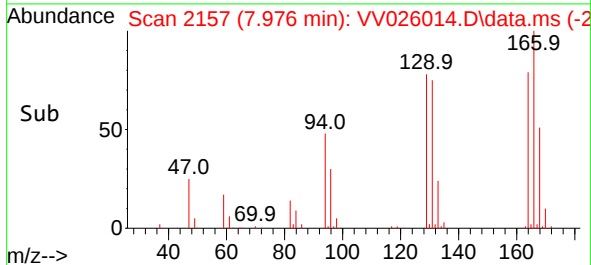
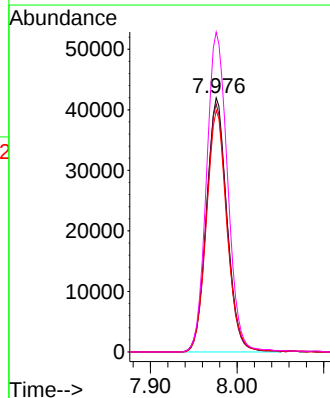
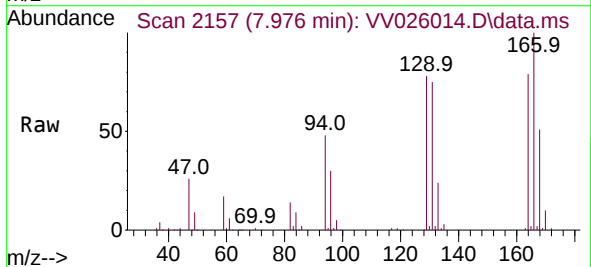
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.7
83	85.2	59.6	110.8
85	55.0	38.5	71.5

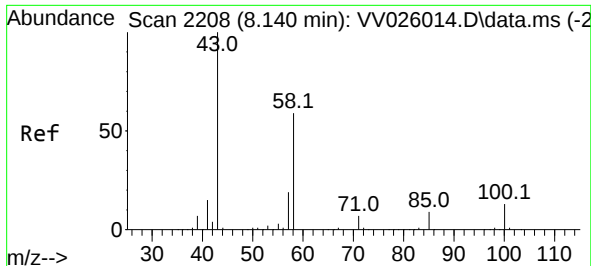


#47
Tetrachloroethene
Concen: 4.580 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 164 Resp: 69496

Ion	Ratio	Lower	Upper
164	100		
129	97.6	68.3	126.9
131	95.0	66.5	123.5
166	125.9	88.1	163.7



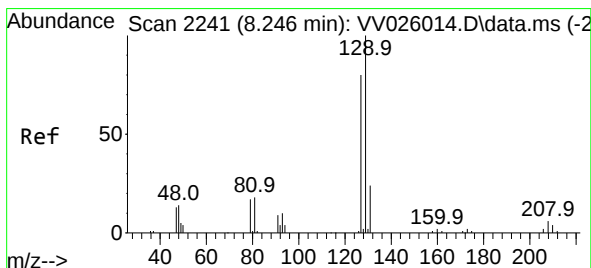
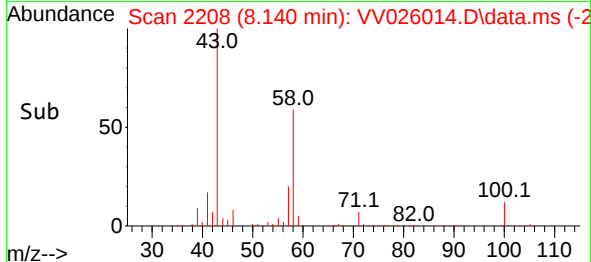
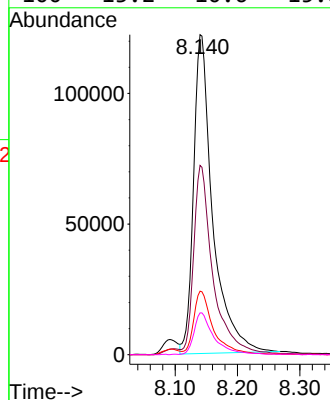
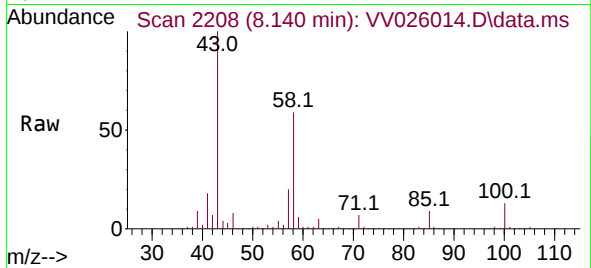


#48
2-Hexanone
Concen: 47.159 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

Tgt Ion: 43 Resp: 260644

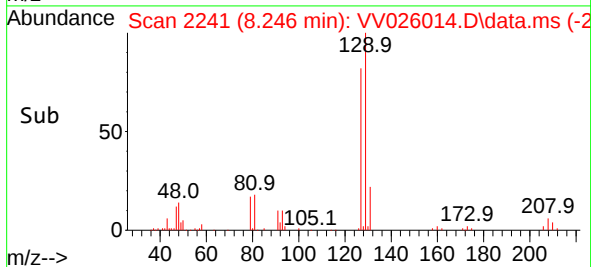
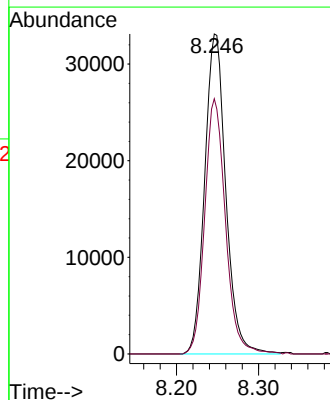
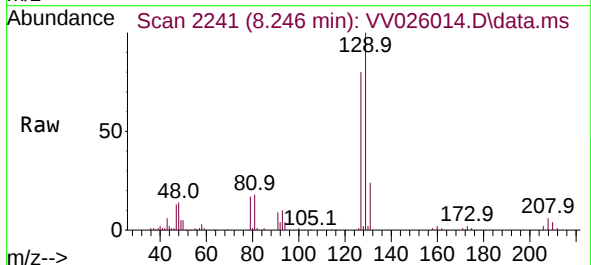
Ion	Ratio	Lower	Upper
43	100		
58	59.3	47.4	71.2
57	19.4	15.5	23.3
100	13.2	10.6	15.8

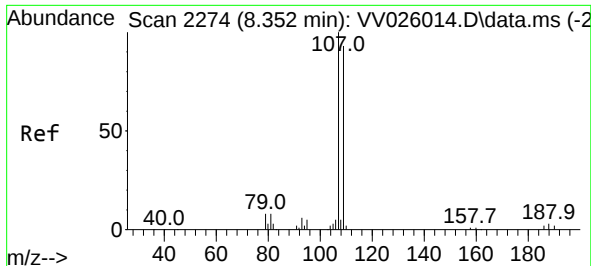


#49
Dibromochloromethane
Concen: 4.762 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 129 Resp: 59277

Ion	Ratio	Lower	Upper
129	100		
127	79.8	55.9	103.7





#50

1,2-Dibromoethane

Concen: 4.738 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005257

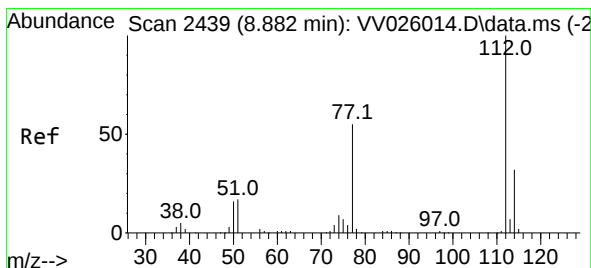
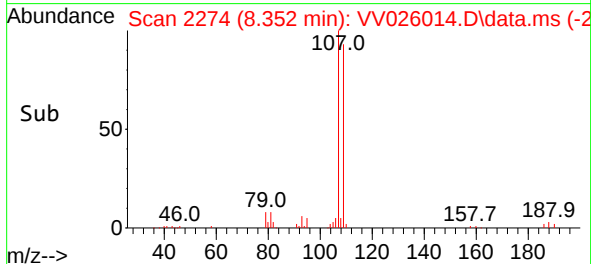
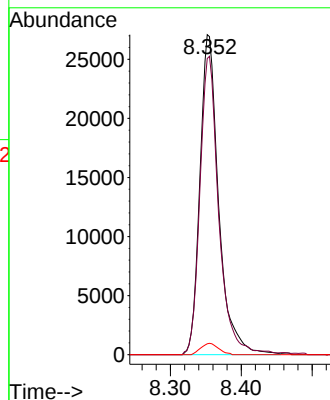
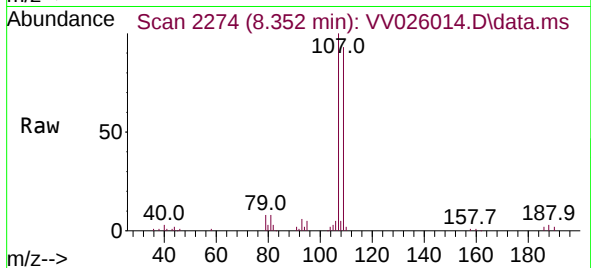
Tgt Ion:107 Resp: 49870

Ion Ratio Lower Upper

107 100

109 92.5 64.8 120.3

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 4.883 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

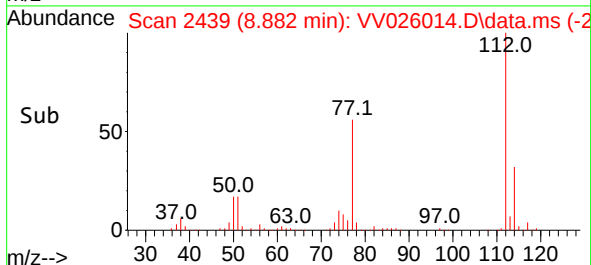
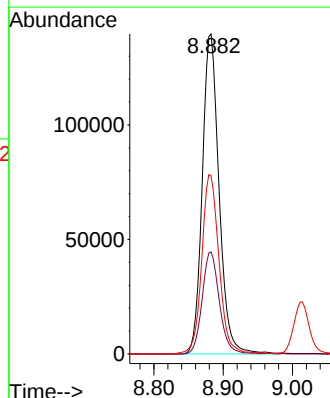
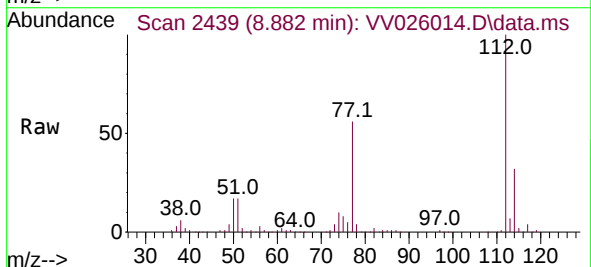
Tgt Ion:112 Resp: 235535

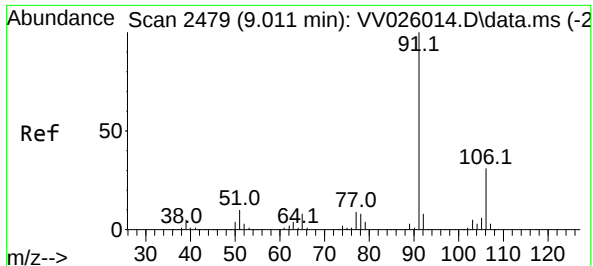
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 55.7 44.6 66.8





#52

Ethylbenzene

Concen: 5.008 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

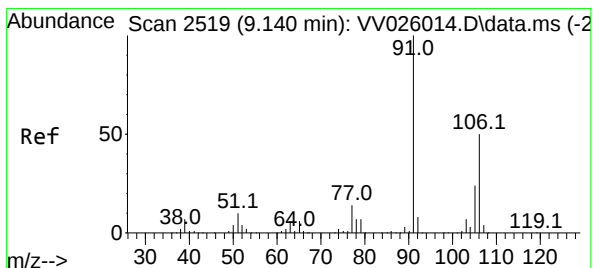
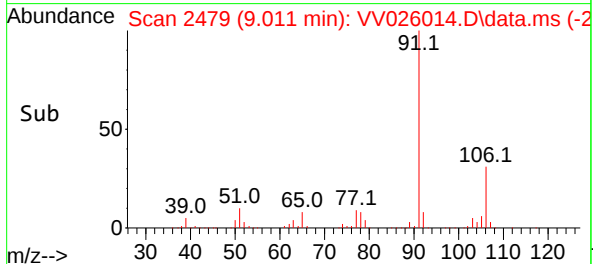
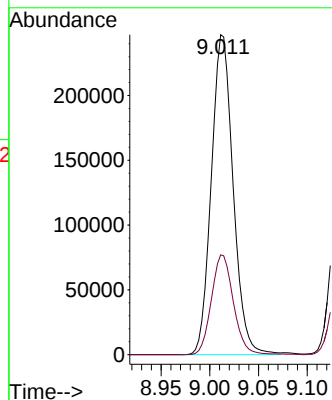
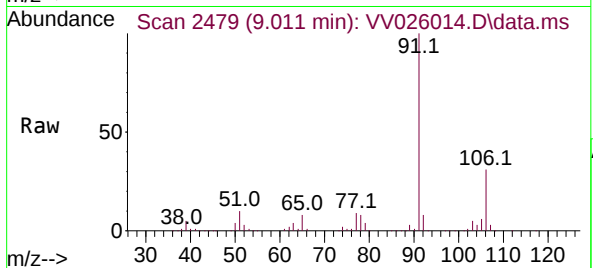
VSTD005257

Tgt Ion: 91 Resp: 384507

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6



#53

m,p-Xylene

Concen: 5.161 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV026014.D

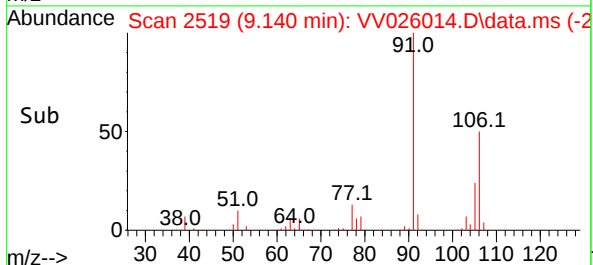
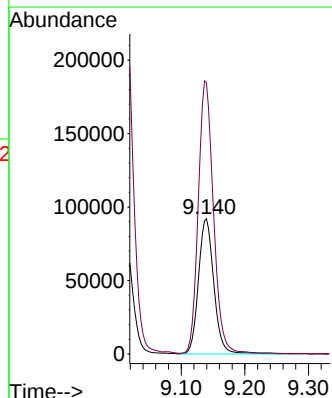
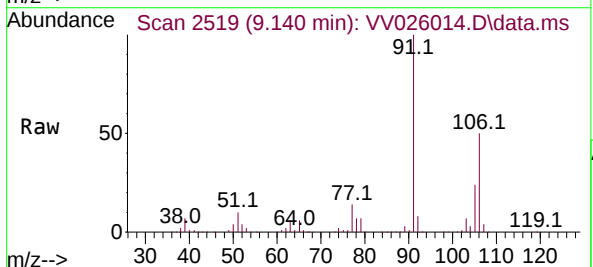
Acq: 08 Jun 2022 11:30

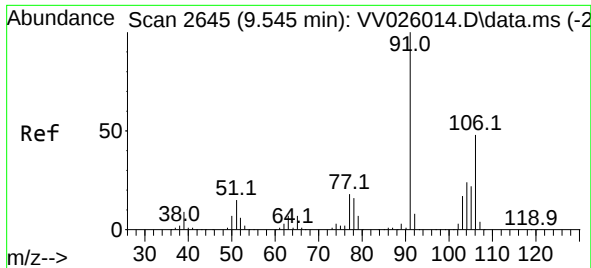
Tgt Ion: 106 Resp: 154320

Ion Ratio Lower Upper

106 100

91 200.6 140.4 260.8

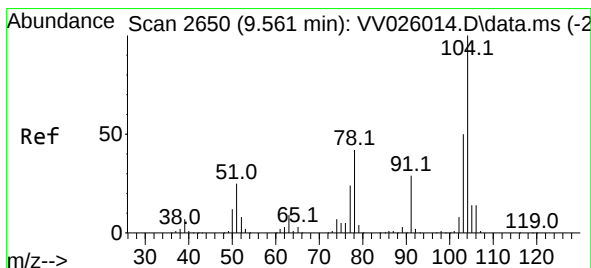
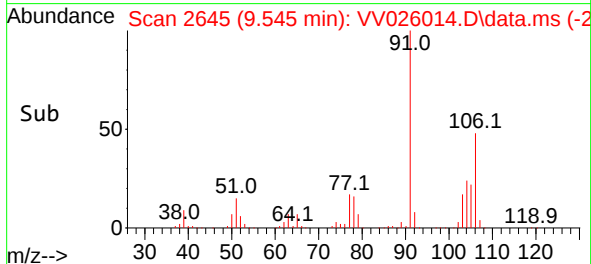
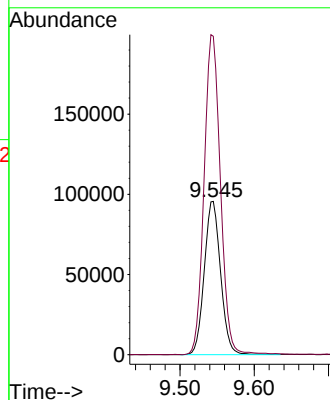
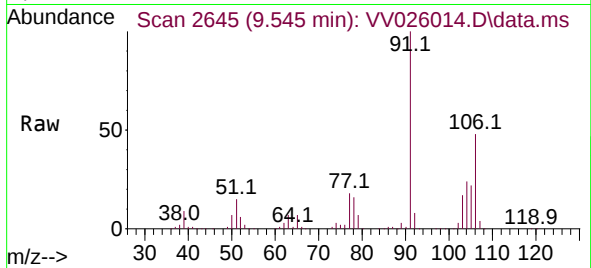




#54
o-Xylene
Concen: 5.184 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

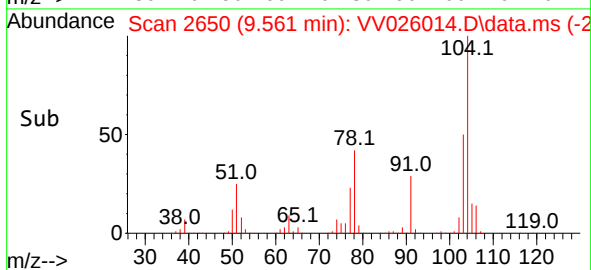
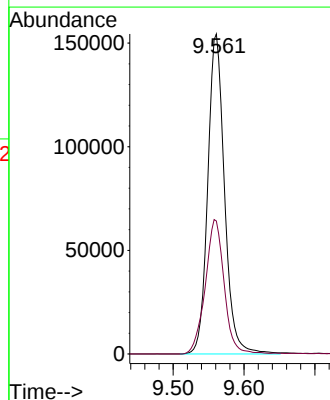
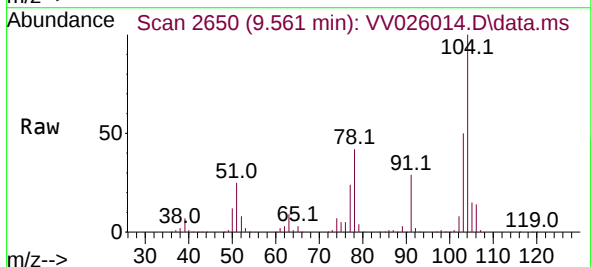
Instrument : MSVOA_V
ClientSampleId : VSTD005257

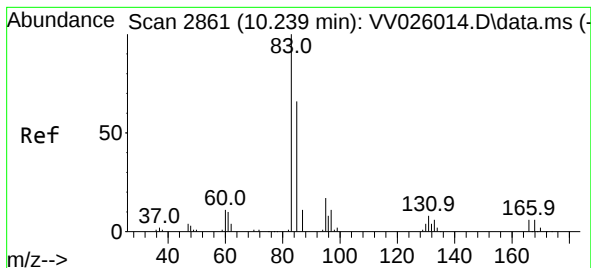
Tgt Ion:106 Resp: 145856
Ion Ratio Lower Upper
106 100
91 207.7 145.4 270.0



#55
Styrene
Concen: 5.283 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion:104 Resp: 253499
Ion Ratio Lower Upper
104 100
78 41.6 29.1 54.1

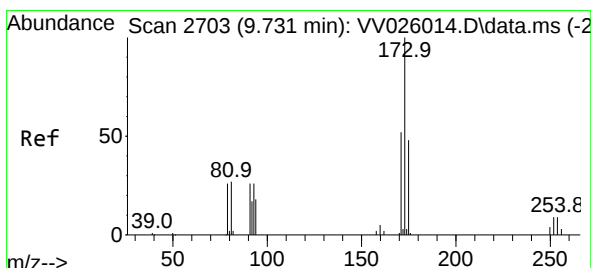
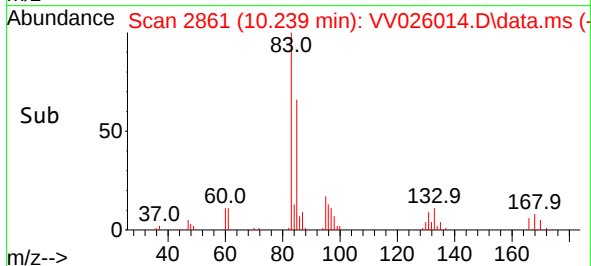
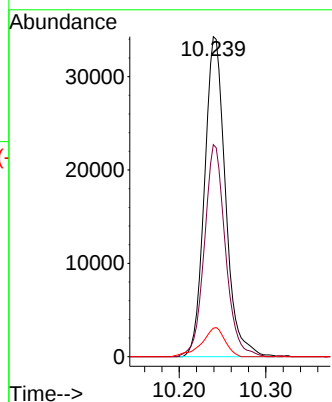
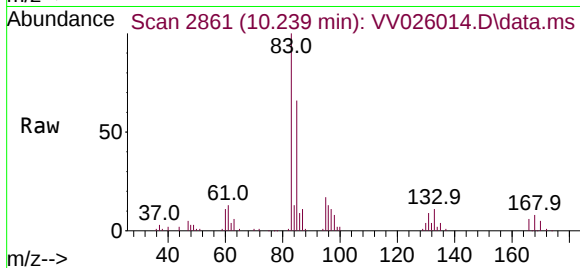




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.581 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

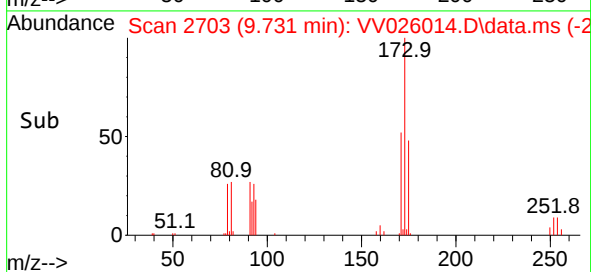
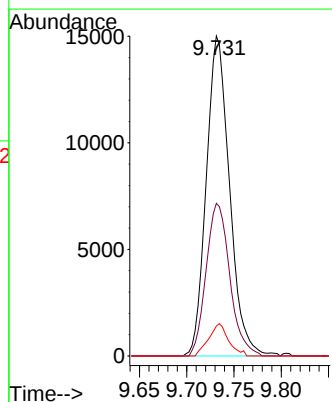
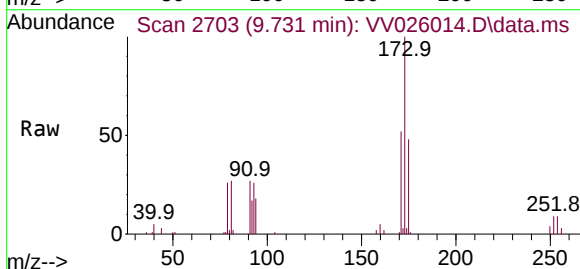
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005257

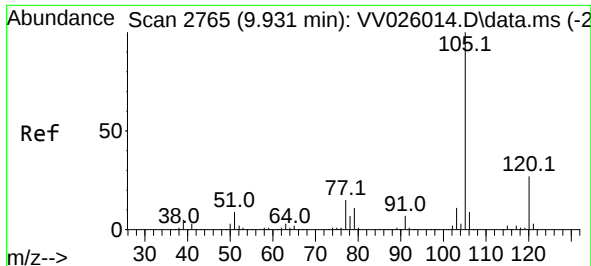
Tgt Ion: 83 Resp: 57472
 Ion Ratio Lower Upper
 83 100
 85 66.3 46.4 86.2
 131 8.9 7.1 10.7



#59
 Bromoform
 Concen: 4.584 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

Tgt Ion: 173 Resp: 25688
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.8 58.2
 254 8.6 6.9 10.3

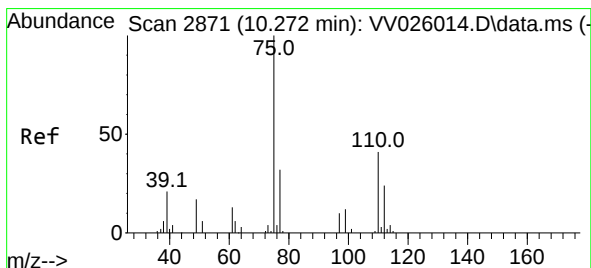
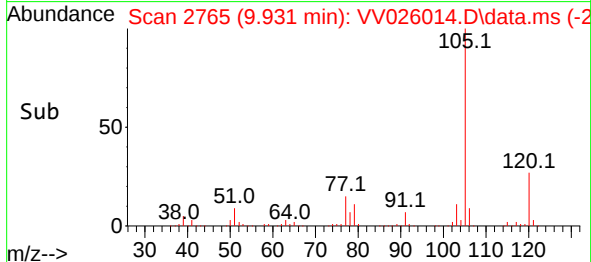
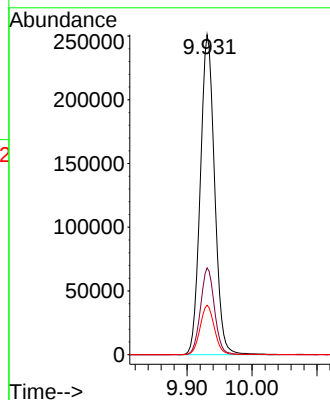
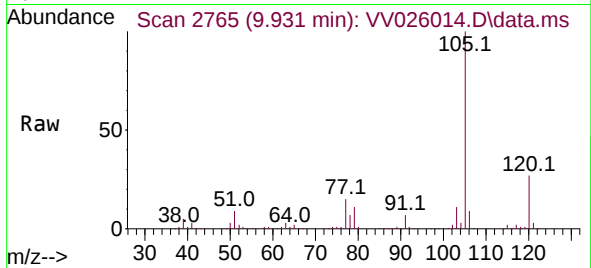




#60
Isopropylbenzene
Concen: 5.061 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

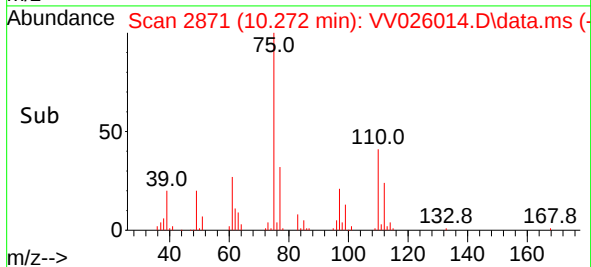
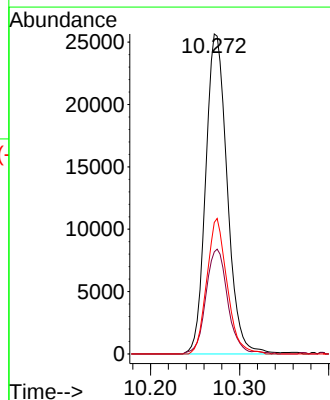
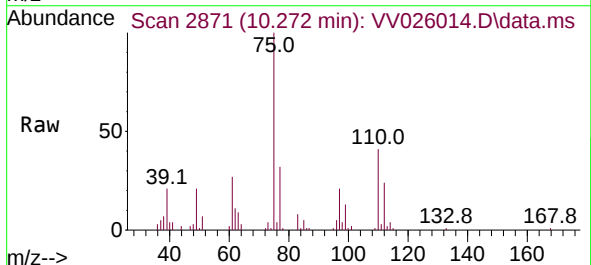
Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

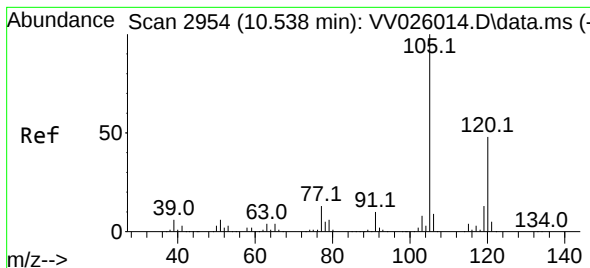
Tgt Ion:105 Resp: 384721
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 4.669 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion: 75 Resp: 42989
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0
110 40.0 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.039 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

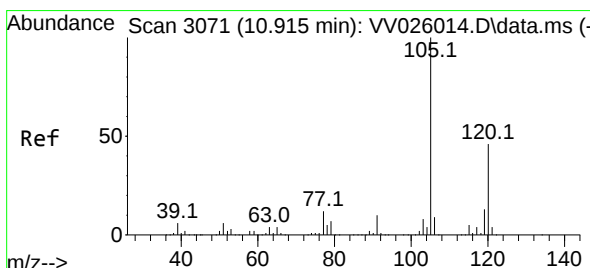
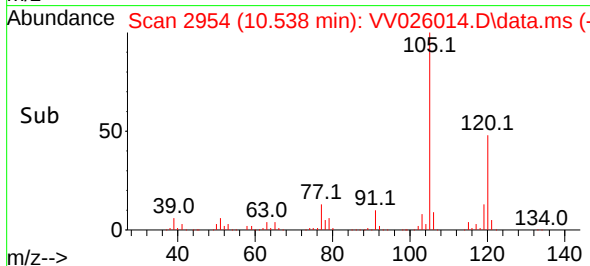
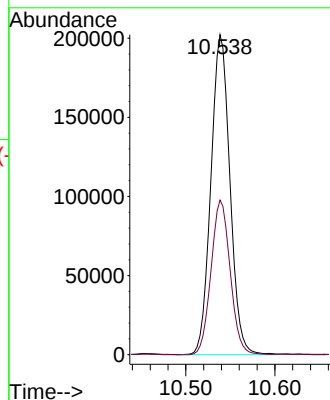
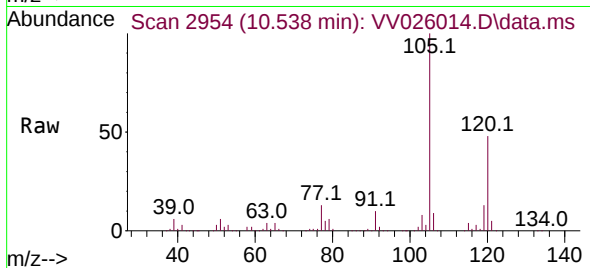
VSTD005257

Tgt Ion:105 Resp: 300224

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 5.117 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026014.D

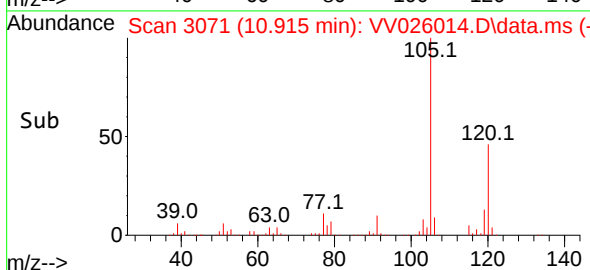
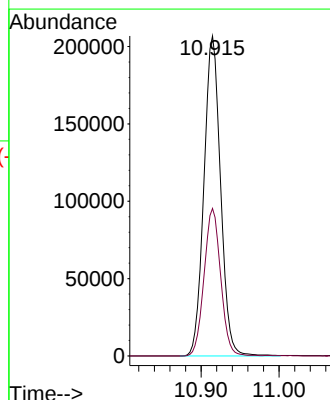
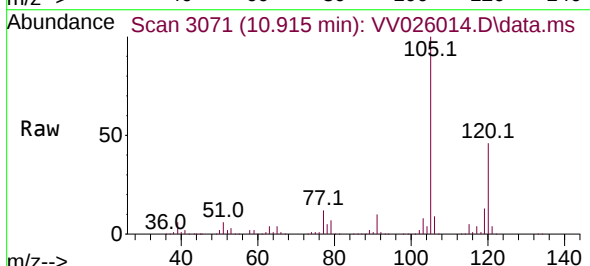
Acq: 08 Jun 2022 11:30

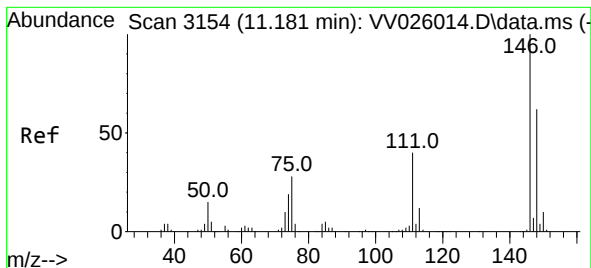
Tgt Ion:105 Resp: 306476

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 4.902 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005257

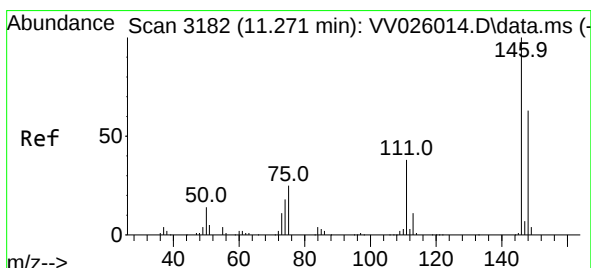
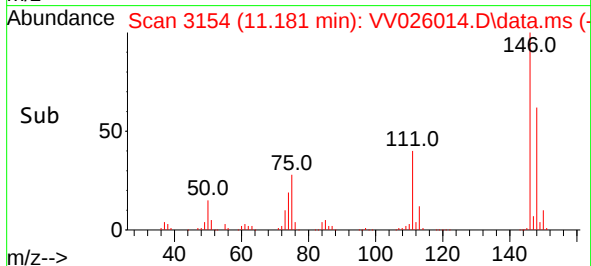
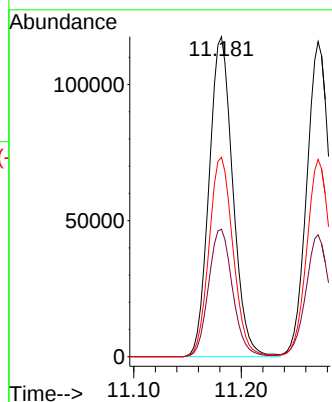
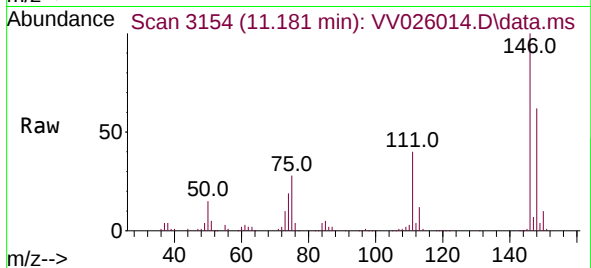
Tgt Ion:146 Resp: 180377

Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.9

148 62.3 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 4.790 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV026014.D

Acq: 08 Jun 2022 11:30

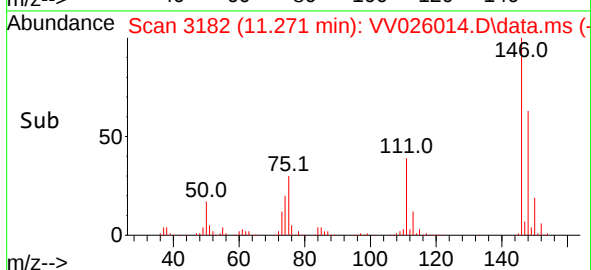
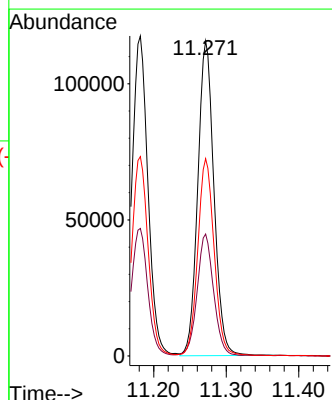
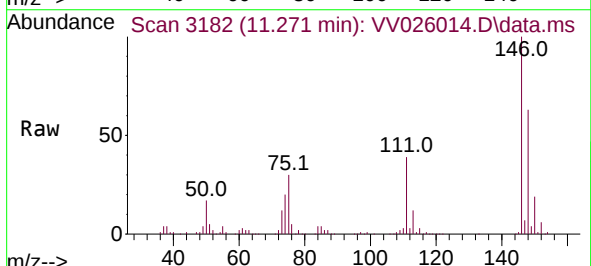
Tgt Ion:146 Resp: 179174

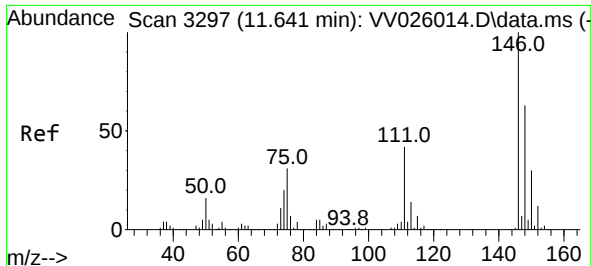
Ion Ratio Lower Upper

146 100

111 38.7 27.1 50.3

148 62.6 43.8 81.4

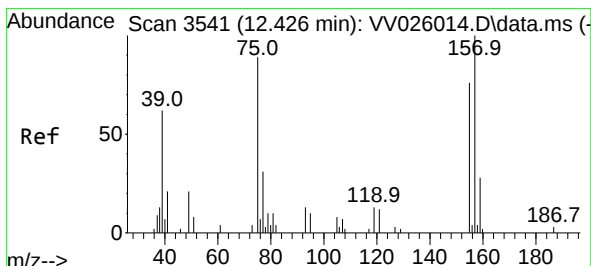
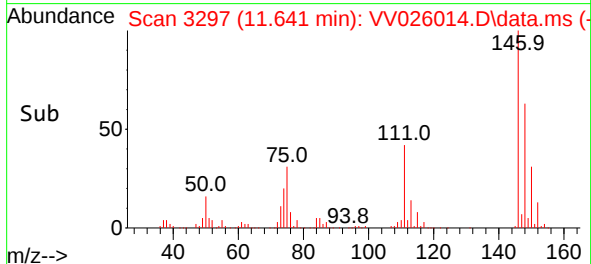
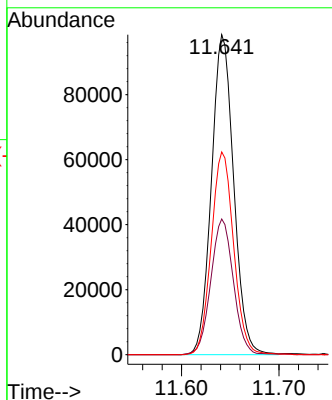
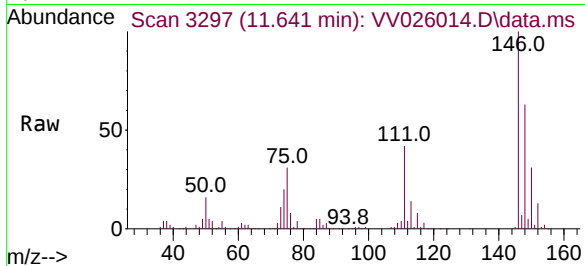




#67
 1,2-Dichlorobenzene
 Concen: 4.777 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

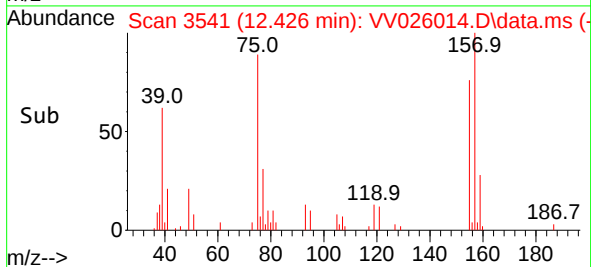
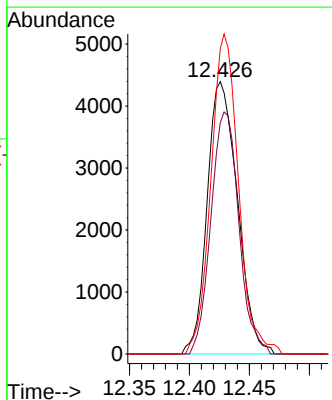
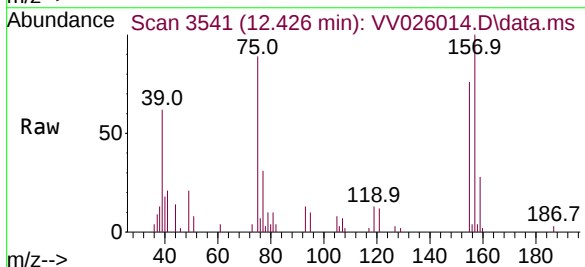
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005257

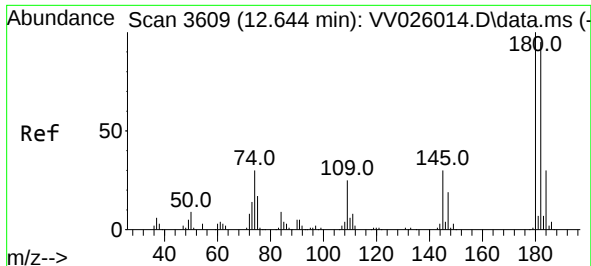
Tgt Ion:146 Resp: 156144
 Ion Ratio Lower Upper
 146 100
 111 42.4 33.9 50.9
 148 63.3 50.6 76.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.444 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

Tgt Ion: 75 Resp: 7701
 Ion Ratio Lower Upper
 75 100
 155 85.0 68.0 102.0
 157 112.1 89.7 134.5

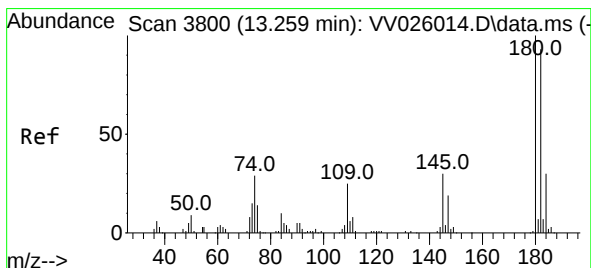
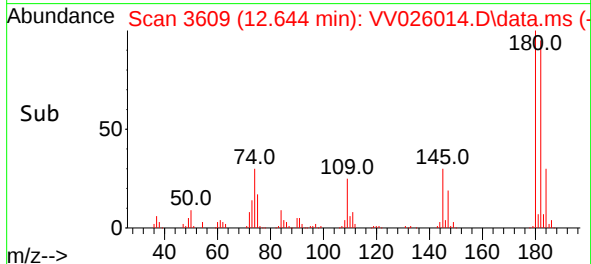
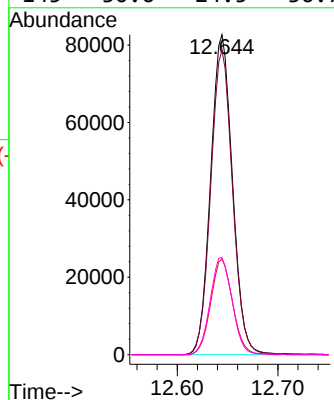
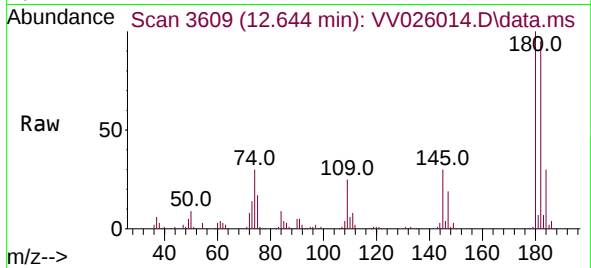




#69
 1,3,5-Trichlorobenzene
 Concen: 4.716 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

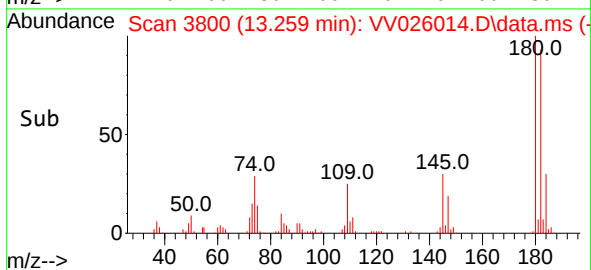
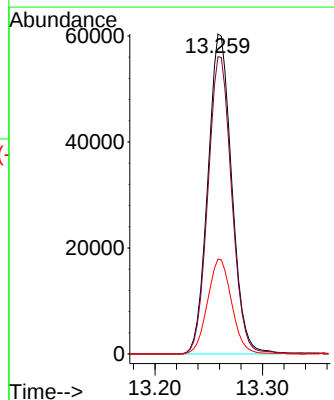
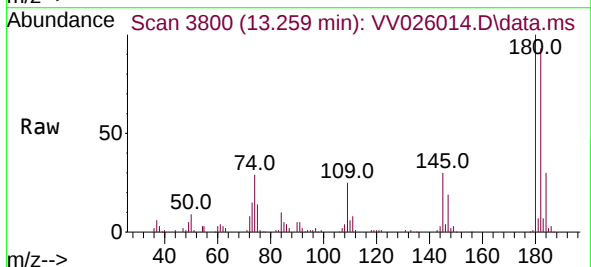
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005257

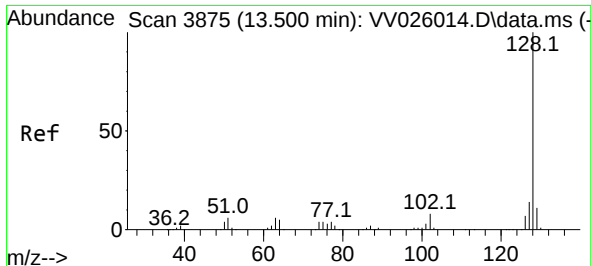
Tgt Ion:	180	Resp:	124466
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.3	114.5
184	30.0	24.0	36.0
145	30.6	24.5	36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.676 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026014.D
 Acq: 08 Jun 2022 11:30

Tgt Ion:	180	Resp:	92888
Ion Ratio	Lower	Upper	
180	100		
182	92.8	74.2	111.4
145	30.1	24.1	36.1

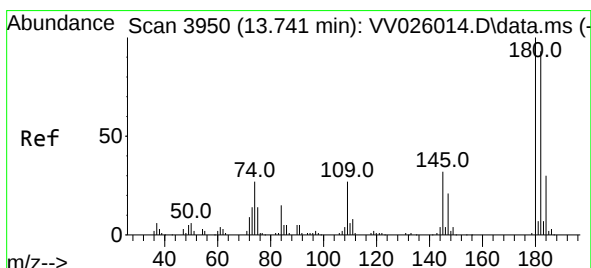
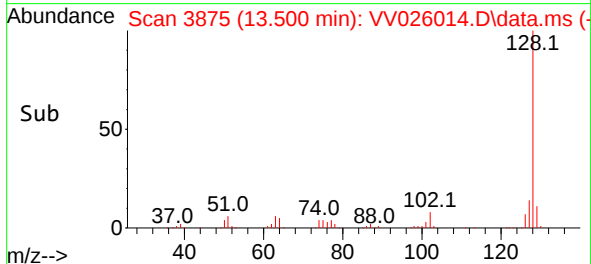
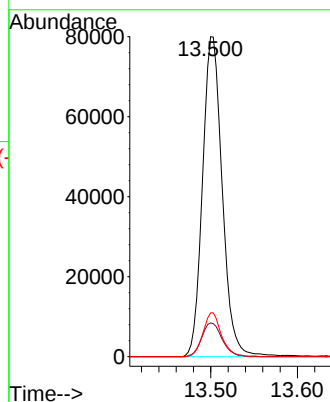
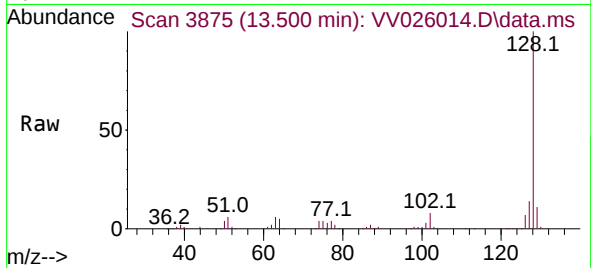




#71
Naphthalene
Concen: 4.321 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005257

Tgt Ion:128 Resp: 126442
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.624 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026014.D
Acq: 08 Jun 2022 11:30

Tgt Ion:180 Resp: 78882
Ion Ratio Lower Upper
180 100
182 92.5 74.0 111.0
145 31.9 25.5 38.3

