

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031022\
 Data File : VW024951.D
 Acq On : 11 Mar 2022 06:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

Quant Time: Mar 11 07:25:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 05:21:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	286707	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	284170	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	143148	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	115908	39.759	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.520%
7) Chloroethane-d5	1.571	69	91063	39.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.620%
11) 1,1-Dichloroethene-d2	2.111	63	198707	40.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.220%
21) 2-Butanone-d5	3.896	46	140919	84.938	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.940%
24) Chloroform-d	4.349	84	211779	41.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
26) 1,2-Dichloroethane-d4	5.031	65	122780	40.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.780%
32) Benzene-d6	5.050	84	426912	40.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.060%
36) 1,2-Dichloropropane-d6	6.069	67	132665	40.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.860%
41) Toluene-d8	7.313	98	385760	41.340	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.680%
43) trans-1,3-Dichloroprop...	7.619	79	57584	40.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.760%
47) 2-Hexanone-d5	8.088	63	101210	81.252	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.250%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	165154	42.430	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.860%
66) 1,2-Dichlorobenzene-d4	11.622	152	132088	40.058	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	123783	45.728	ug/L	99
3) Chloromethane	1.243	50	124807	44.566	ug/L	100
5) Vinyl chloride	1.314	62	132271	46.034	ug/L	99
6) Bromomethane	1.526	94	84737	49.367	ug/L	99
8) Chloroethane	1.587	64	82745	49.138	ug/L	100
9) Trichlorofluoromethane	1.754	101	174903	47.598	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	97707	44.838	ug/L	99
12) 1,1-Dichloroethene	2.121	96	99302	46.792	ug/L	88
13) Acetone	2.188	43	96629	76.273	ug/L	97
14) Carbon disulfide	2.297	76	297669	45.914	ug/L	100
15) Methyl Acetate	2.436	43	112182	51.547	ug/L	99
16) Methylene chloride	2.510	84	127258	51.202	ug/L	95
17) trans-1,2-Dichloroethene	2.761	96	113455	49.432	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	356364	50.924	ug/L	99
19) 1,1-Dichloroethane	3.191	63	208486	50.380	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	125992	50.713	ug/L	95
22) 2-Butanone	3.976	43	144860	99.719	ug/L	94
23) Bromochloromethane	4.249	128	63546	51.143	ug/L	95
25) Chloroform	4.375	83	216466	50.356	ug/L	99

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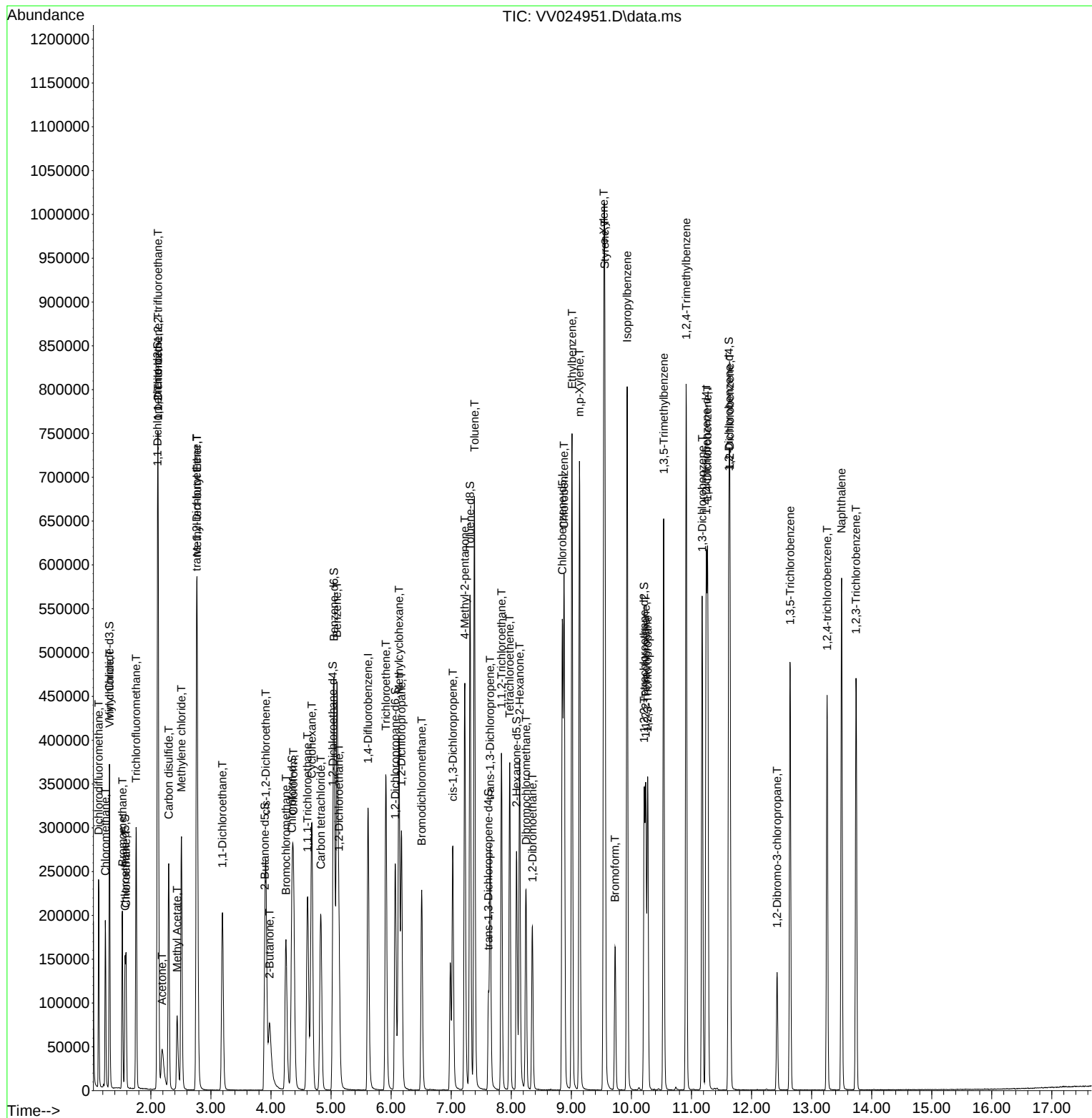
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	152471	50.827	ug/L	98
29) Cyclohexane	4.680	56	172901	46.515	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	185644	49.612	ug/L	99
31) Carbon tetrachloride	4.828	117	156024	49.041	ug/L	99
33) Benzene	5.098	78	481227	50.178	ug/L	100
34) Trichloroethene	5.912	95	128665	48.940	ug/L	99
35) Methylcyclohexane	6.130	83	179505	45.003	ug/L	99
37) 1,2-Dichloropropane	6.172	63	119861	49.806	ug/L	99
38) Bromodichloromethane	6.510	83	159233	50.493	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	179424	49.537	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	292247	101.856	ug/L	98
42) Toluene	7.387	91	502480	50.211	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	165536	49.747	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	120364	51.476	ug/L	98
46) Tetrachloroethene	7.976	164	80744	47.555	ug/L	97
48) 2-Hexanone	8.140	43	224202	99.287	ug/L	97
49) Dibromochloromethane	8.246	129	119830	53.031	ug/L	99
50) 1,2-Dibromoethane	8.352	107	124291	51.543	ug/L	99
51) Chlorobenzene	8.879	112	318602	50.467	ug/L	98
52) Ethylbenzene	9.011	91	533803	50.574	ug/L	99
53) m,p-Xylene	9.136	106	201226	49.615	ug/L	100
54) o-Xylene	9.542	106	201938	51.530	ug/L	99
55) Styrene	9.558	104	348591	52.426	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	170323	52.077	ug/L	98
59) Bromoform	9.728	173	71207	54.606	ug/L	100
60) Isopropylbenzene	9.931	105	522270	50.238	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	145722	50.875	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	353473	50.394	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	434302	50.518	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	224316	49.172	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	225280	48.237	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	225419	49.099	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	33297	50.922	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	142263	46.199	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	126679	47.216	ug/L	98
71) Naphthalene	13.500	128	444245	51.105	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	130915	49.484	ug/L	99

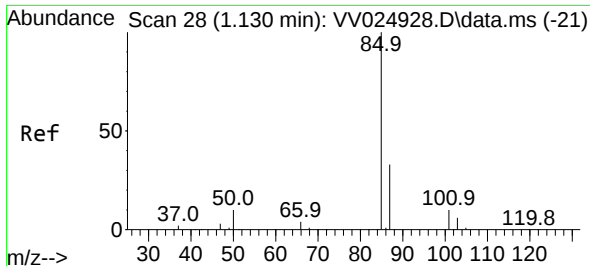
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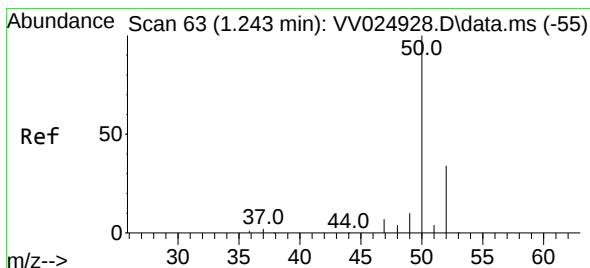
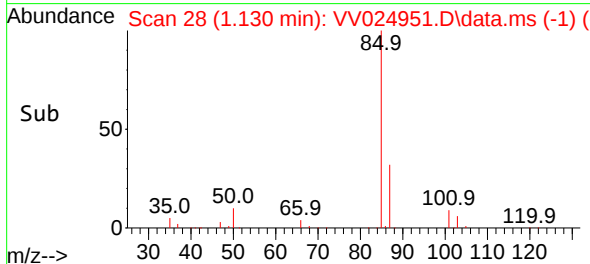
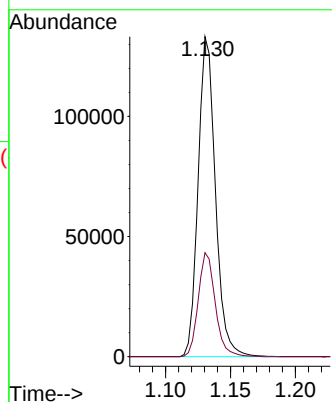
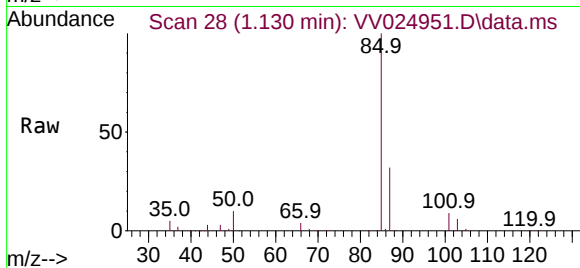




#2
 Dichlorodifluoromethane
 Concen: 45.728 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

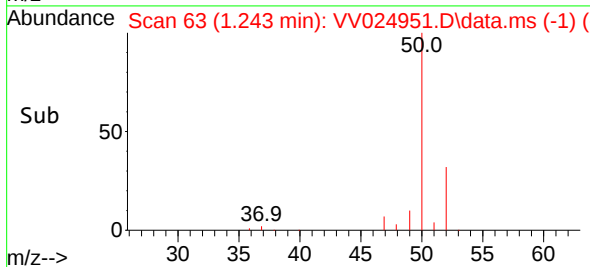
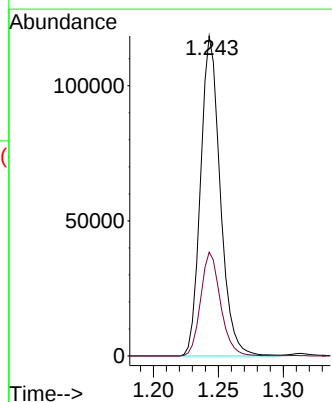
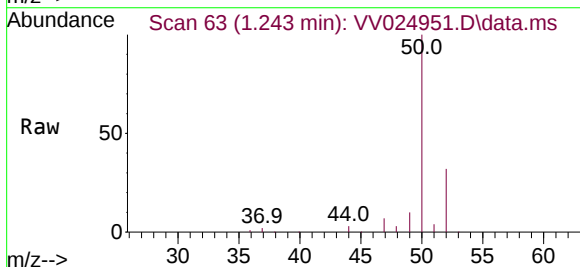
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 ClientSampleId :
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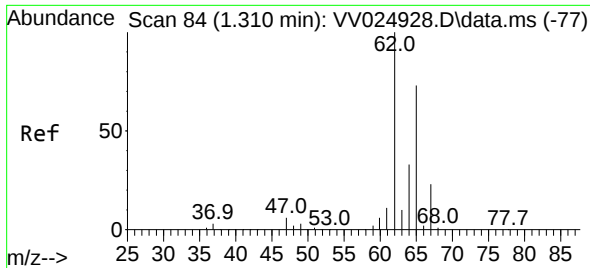
Tgt Ion: 85 Resp: 123783
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.8



#3
 Chloromethane
 Concen: 44.566 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

Tgt Ion: 50 Resp: 124807
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.8 42.4

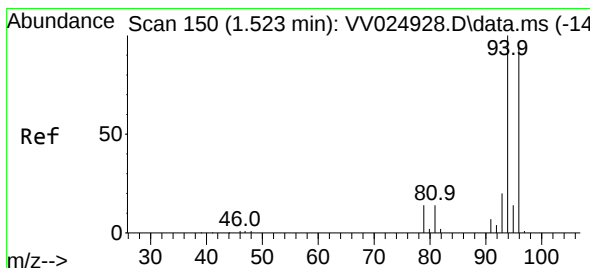
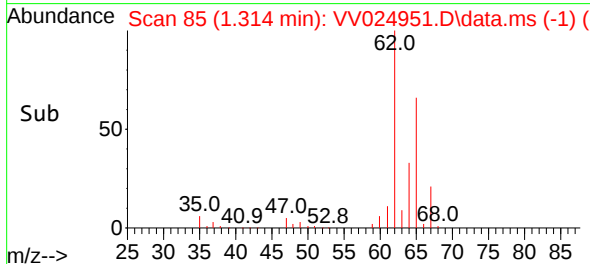
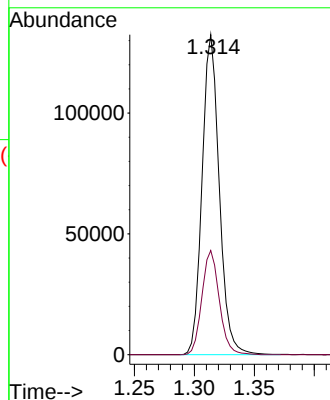
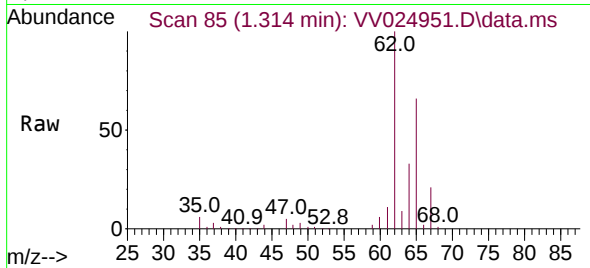




#5
 Vinyl chloride
 Concen: 46.034 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

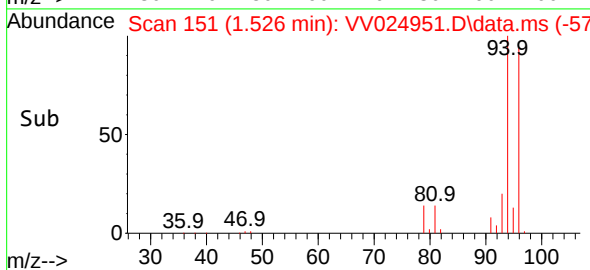
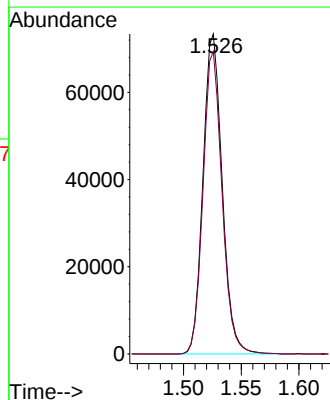
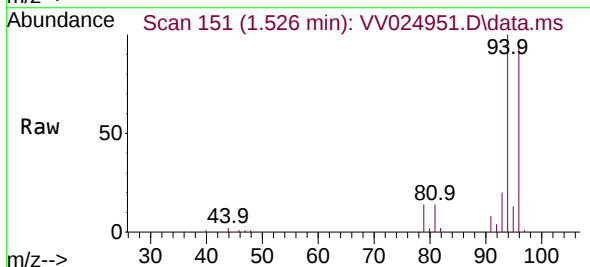
Instrument :
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 ClientSampleId :
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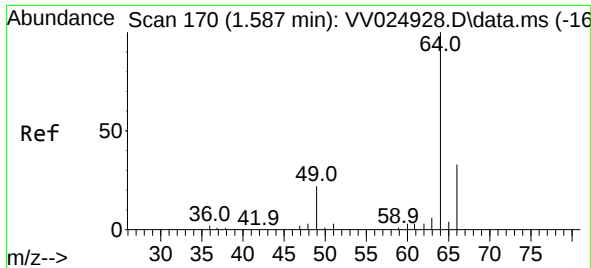
Tgt Ion: 62 Resp: 132271
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.0



#6
 Bromomethane
 Concen: 49.367 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

Tgt Ion: 94 Resp: 84737
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.7 123.9

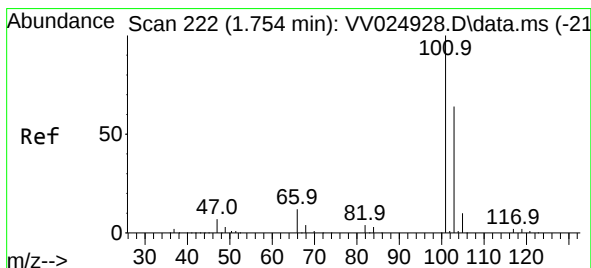
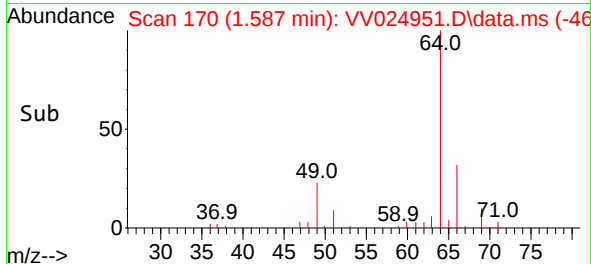
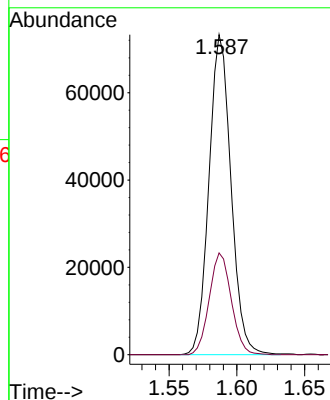
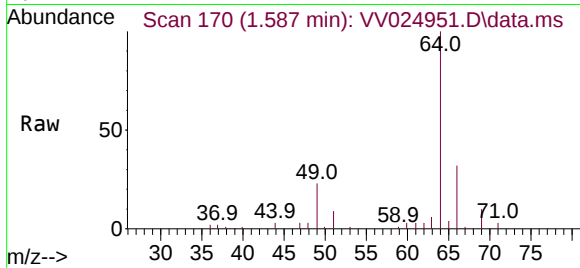




#8
Chloroethane
Concen: 49.138 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

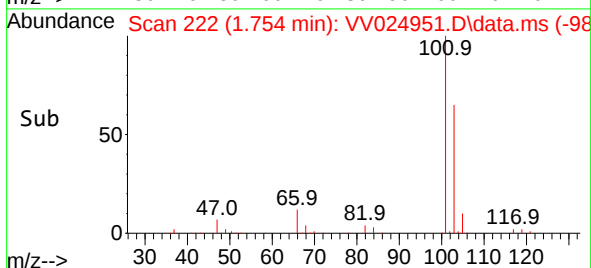
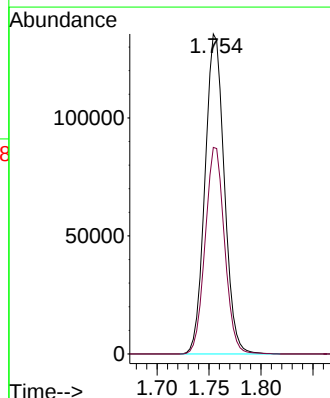
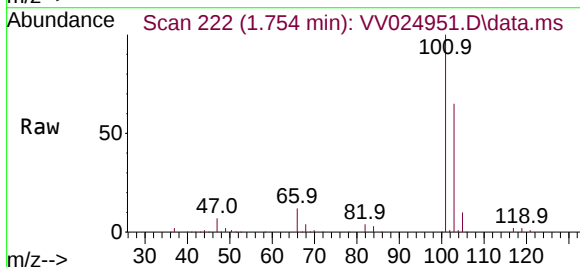
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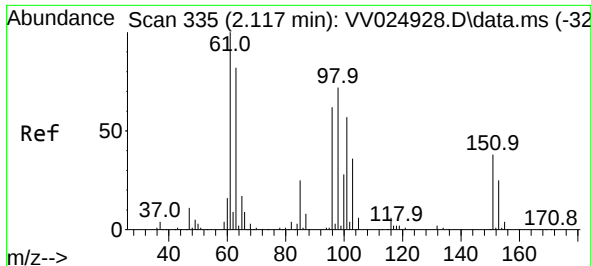
Tgt Ion: 64 Resp: 82745
Ion Ratio Lower Upper
64 100
66 31.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 47.598 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion:101 Resp: 174903
Ion Ratio Lower Upper
101 100
103 64.8 52.1 78.1

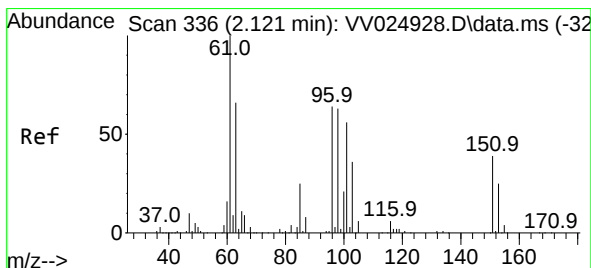
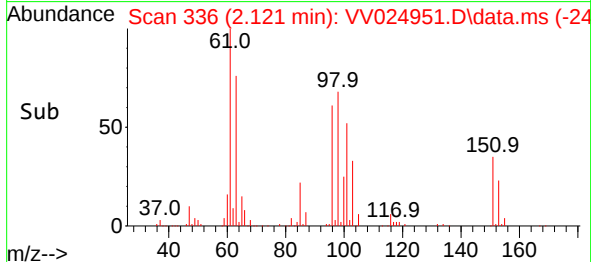
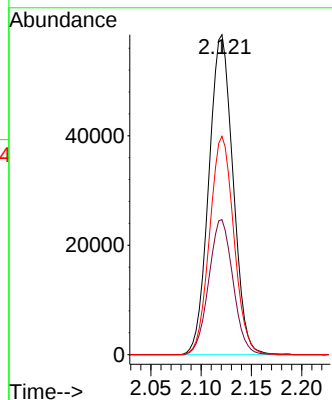
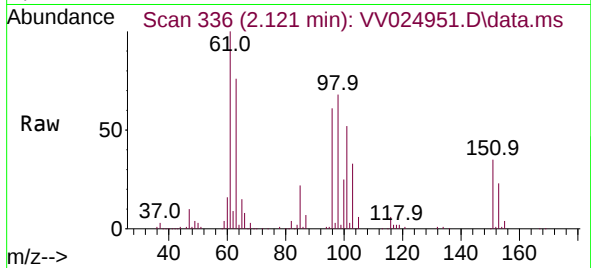




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.838 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

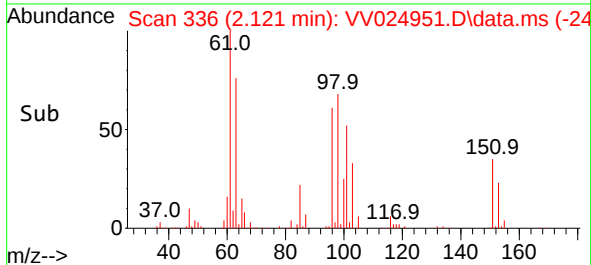
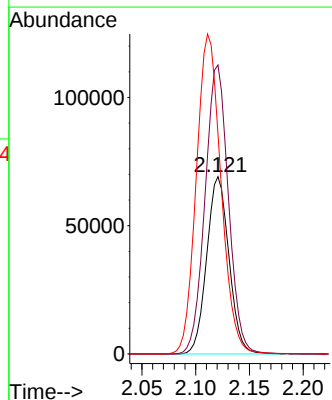
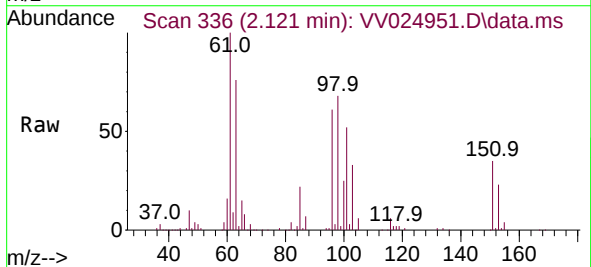
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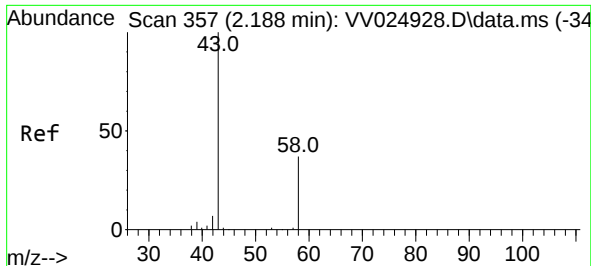
Tgt Ion:101 Resp: 97707
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.8 50.8
 151 68.6 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 46.792 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

Tgt Ion: 96 Resp: 99302
 Ion Ratio Lower Upper
 96 100
 61 163.0 117.6 218.4
 63 124.4 105.3 195.5





#13

Acetone

Concen: 76.273 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

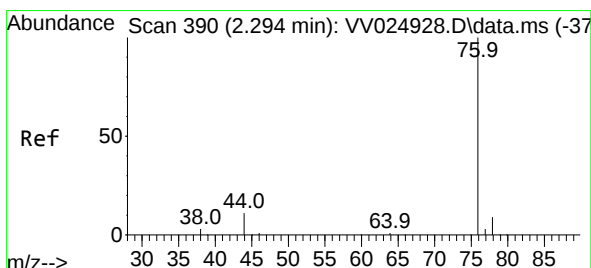
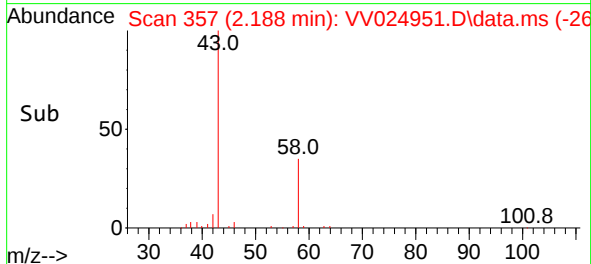
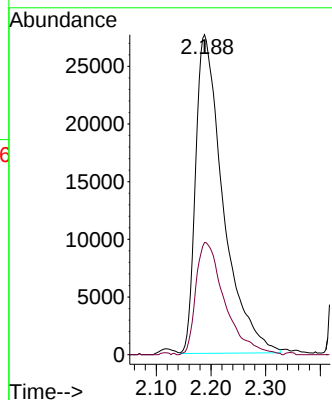
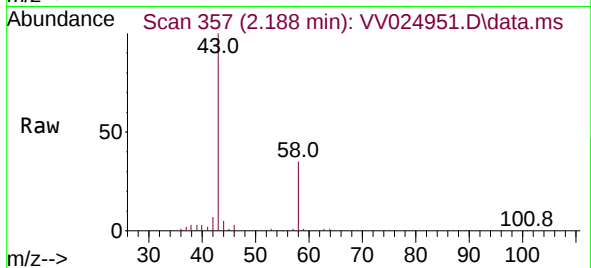
VSTD050286

Tgt Ion: 43 Resp: 96629

Ion Ratio Lower Upper

43 100

58 36.9 0.0 70.0



#14

Carbon disulfide

Concen: 45.914 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024951.D

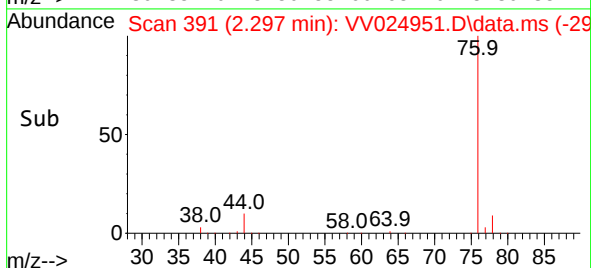
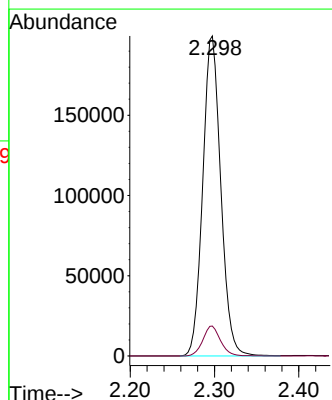
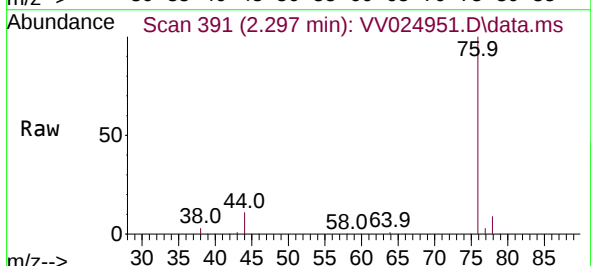
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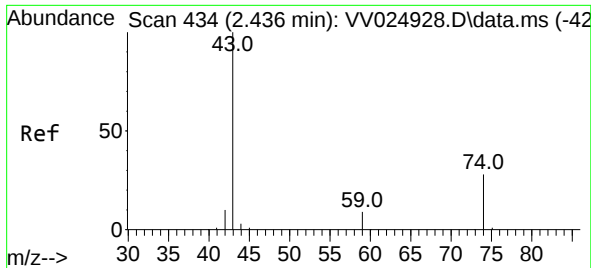
Tgt Ion: 76 Resp: 297669

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

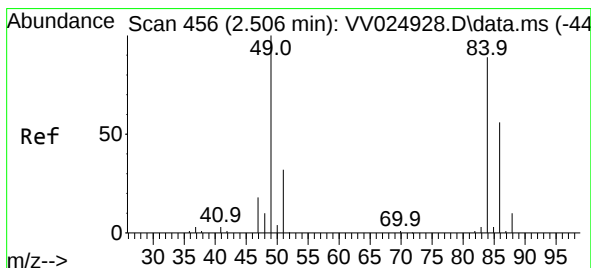
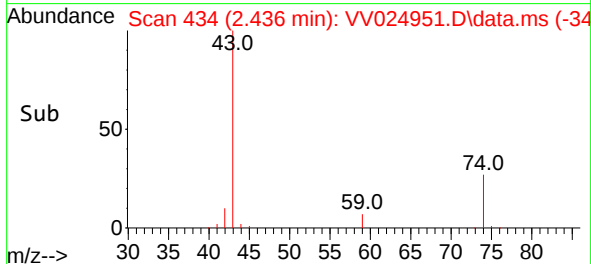
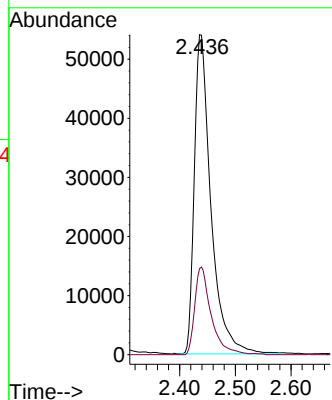
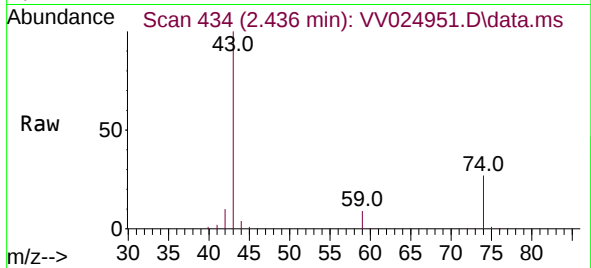




#15
Methyl Acetate
Concen: 51.547 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

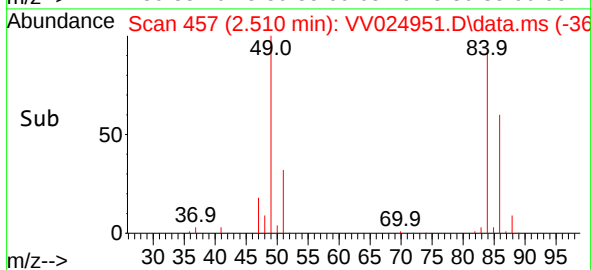
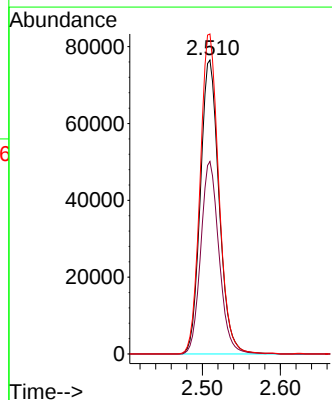
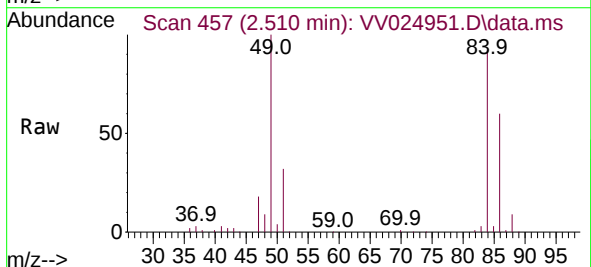
Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

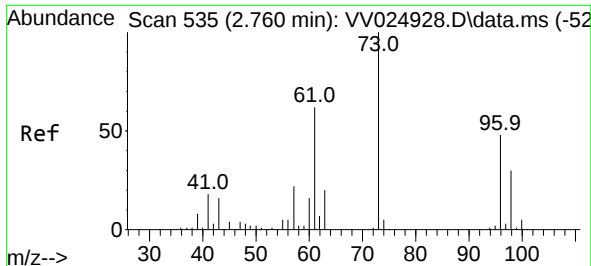
Tgt Ion: 43 Resp: 112182
Ion Ratio Lower Upper
43 100
74 26.9 21.0 31.4



#16
Methylene chloride
Concen: 51.202 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion: 84 Resp: 127258
Ion Ratio Lower Upper
84 100
86 65.5 44.3 82.3
49 108.9 80.7 149.9

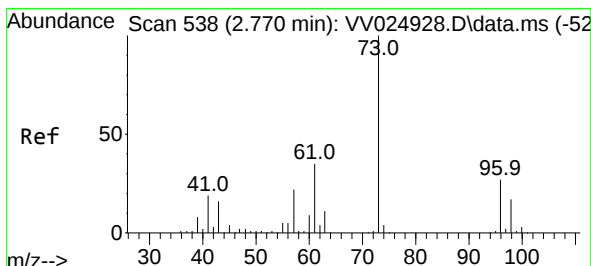
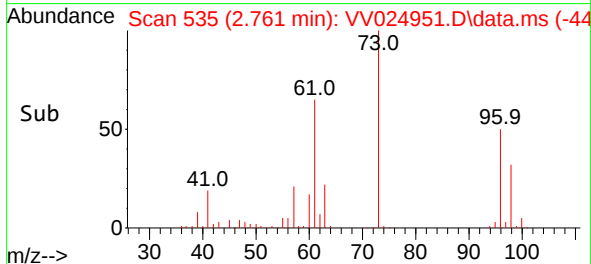
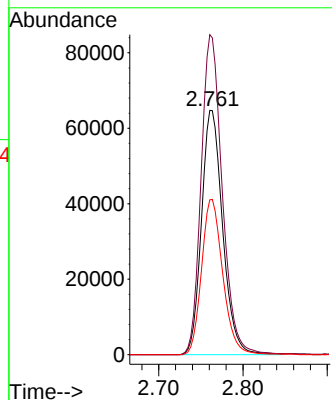
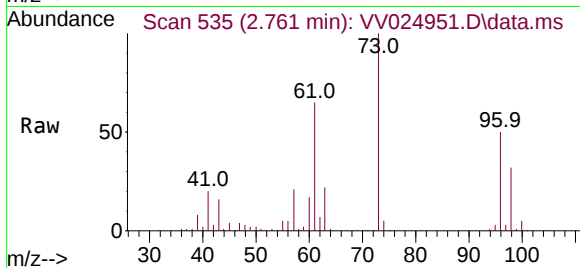




#17
trans-1,2-Dichloroethene
Concen: 49.432 ug/L
RT: 2.761 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

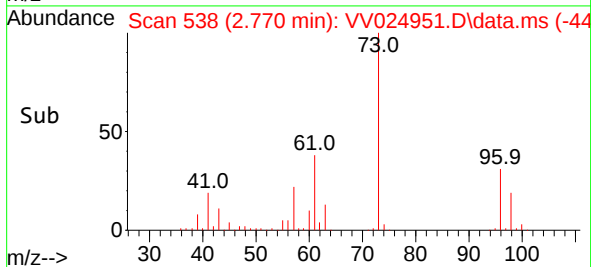
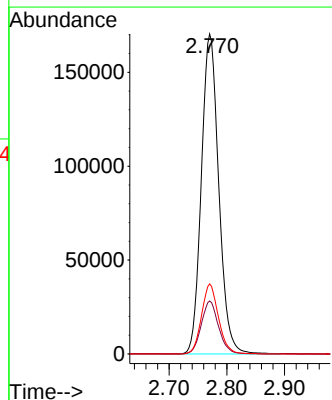
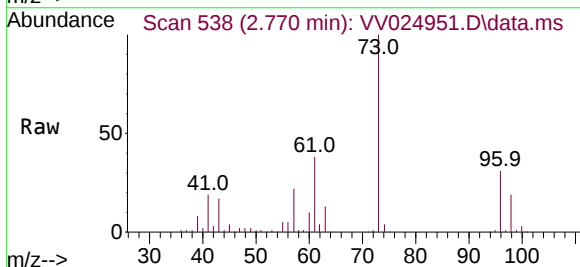
Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

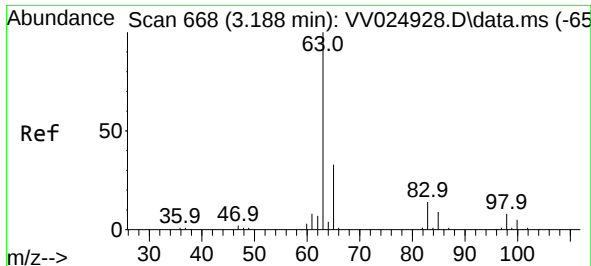
Tgt Ion: 96 Resp: 113455
Ion Ratio Lower Upper
96 100
61 131.0 93.7 173.9
98 63.4 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 50.924 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion: 73 Resp: 356364
Ion Ratio Lower Upper
73 100
43 16.5 13.6 20.4
57 21.3 17.4 26.2





#19

1,1-Dichloroethane

Concen: 50.380 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD050286

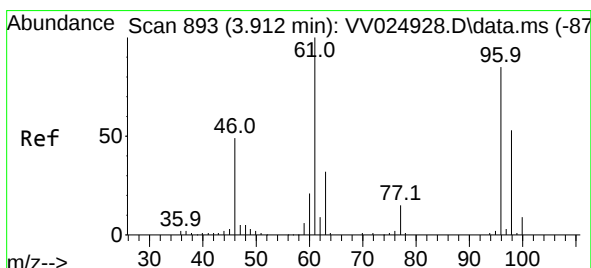
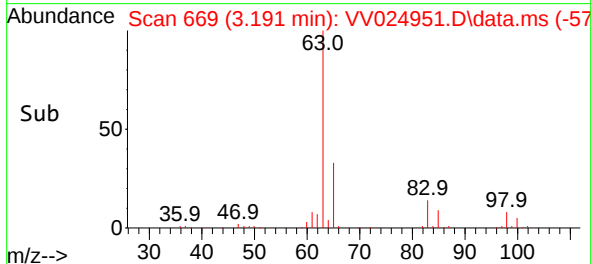
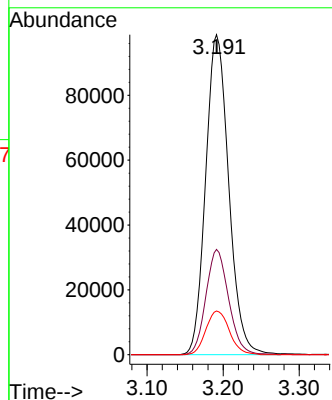
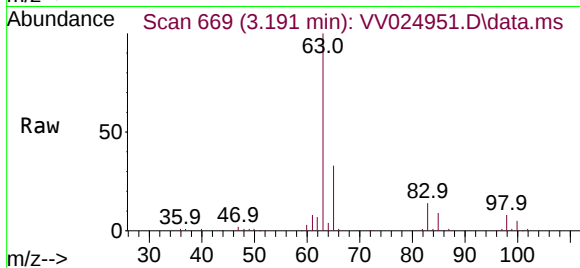
Tgt Ion: 63 Resp: 208486

Ion Ratio Lower Upper

63 100

65 32.9 22.0 40.8

83 13.6 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 50.713 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

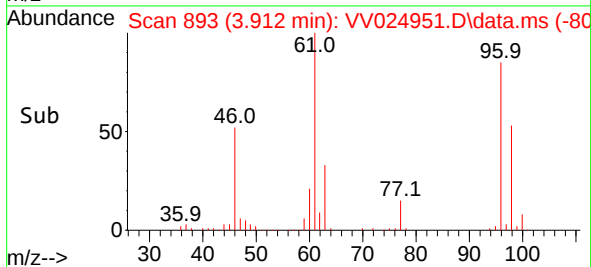
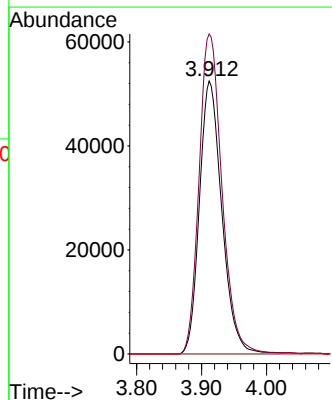
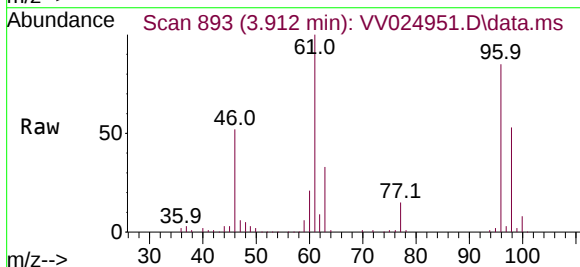
Tgt Ion: 96 Resp: 125992

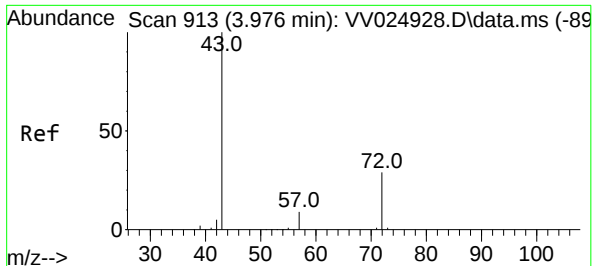
Ion Ratio Lower Upper

96 100

61 117.2 86.1 159.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 99.719 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

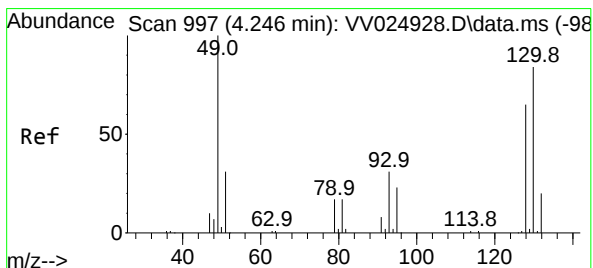
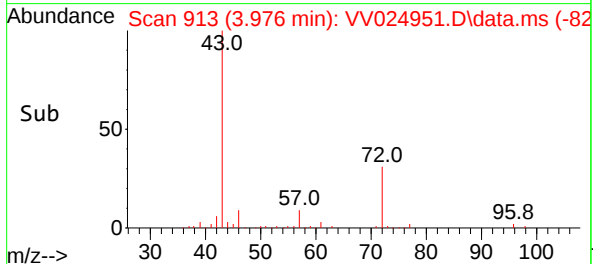
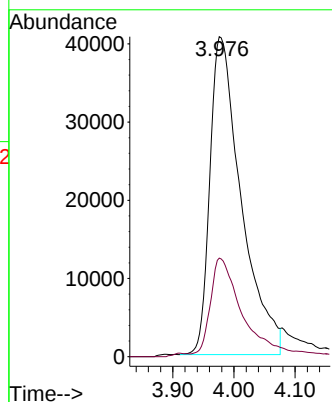
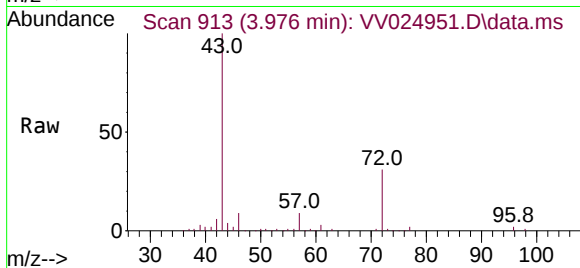
VSTD050286

Tgt Ion: 43 Resp: 144860

Ion Ratio Lower Upper

43 100

72 30.8 13.9 41.6



#23

Bromochloromethane

Concen: 51.143 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Tgt Ion: 128 Resp: 63546

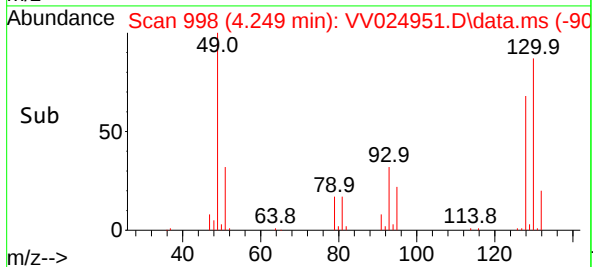
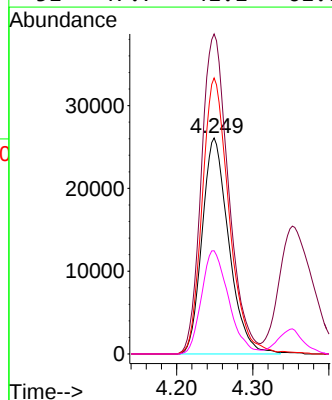
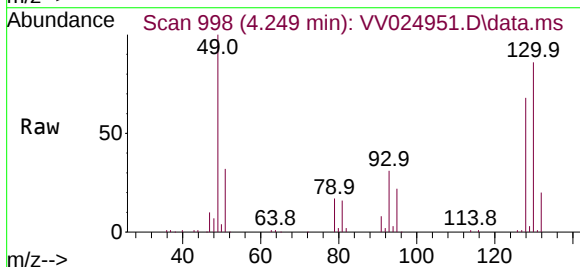
Ion Ratio Lower Upper

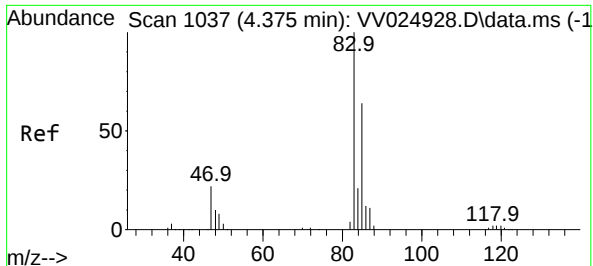
128 100

49 148.1 110.9 205.9

130 127.7 88.5 164.3

51 47.7 41.1 61.7





#25

Chloroform

Concen: 50.356 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

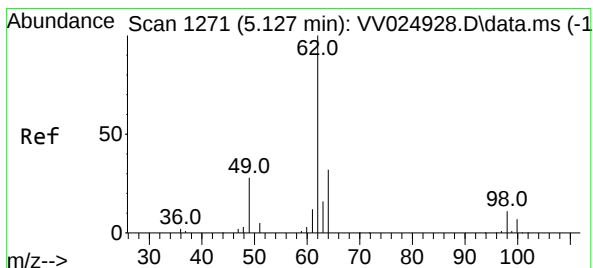
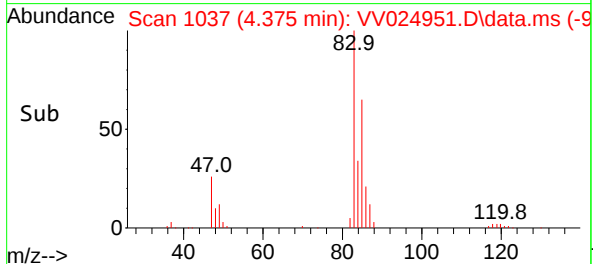
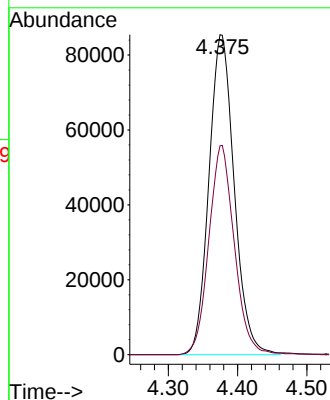
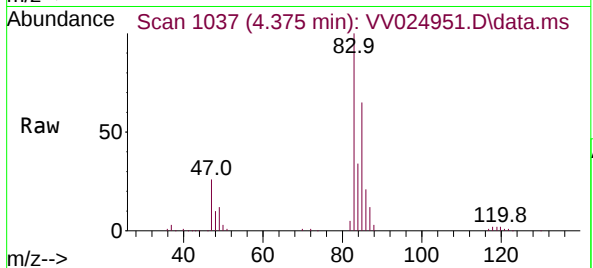
VSTD050286

Tgt Ion: 83 Resp: 216466

Ion Ratio Lower Upper

83 100

85 65.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 50.827 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV024951.D

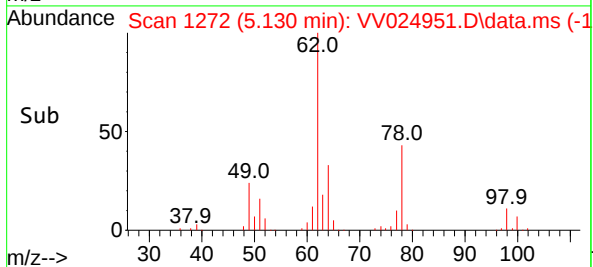
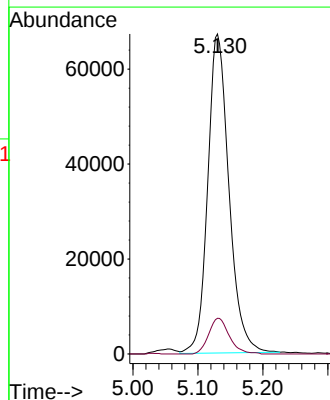
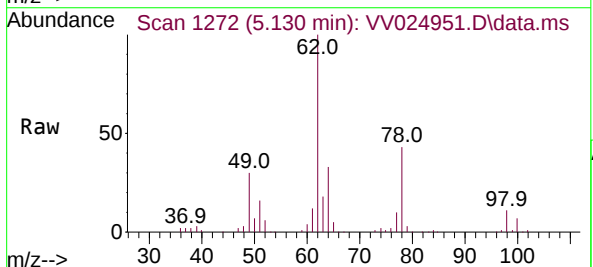
Acq: 11 Mar 2022 06:01

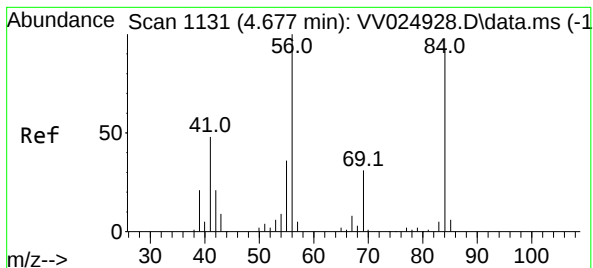
Tgt Ion: 62 Resp: 152471

Ion Ratio Lower Upper

62 100

98 11.2 8.2 12.4





#29

Cyclohexane

Concen: 46.515 ug/L

RT: 4.680 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD050286

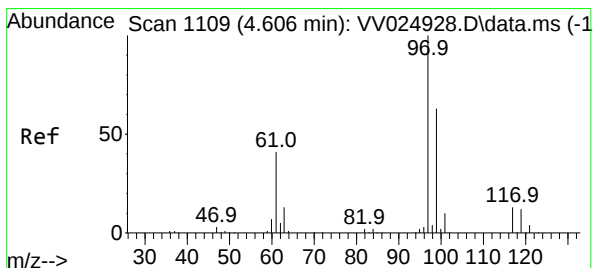
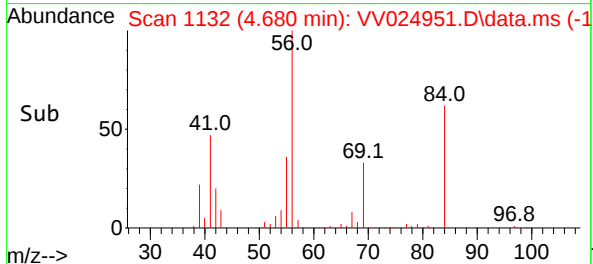
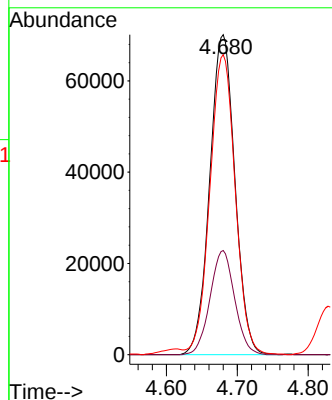
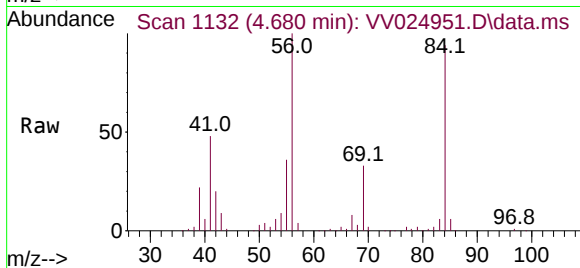
Tgt Ion: 56 Resp: 172901

Ion Ratio Lower Upper

56 100

69 31.8 25.0 37.6

84 94.7 73.4 110.2



#30

1,1,1-Trichloroethane

Concen: 49.612 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

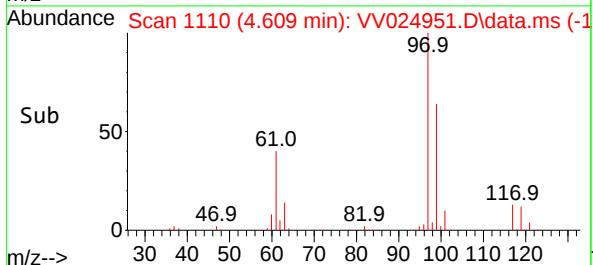
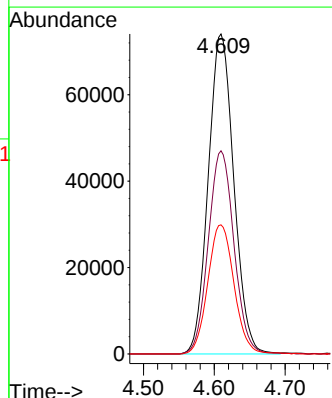
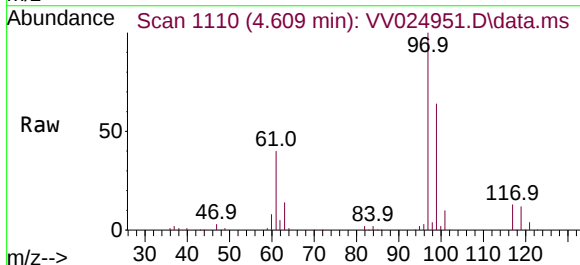
Tgt Ion: 97 Resp: 185644

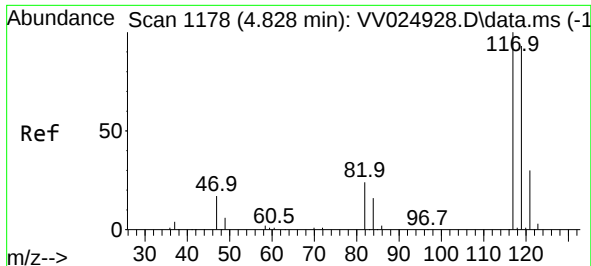
Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 41.3 33.8 50.8

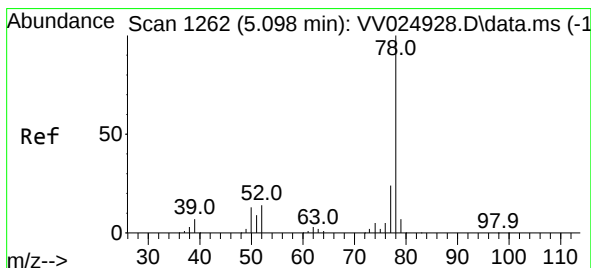
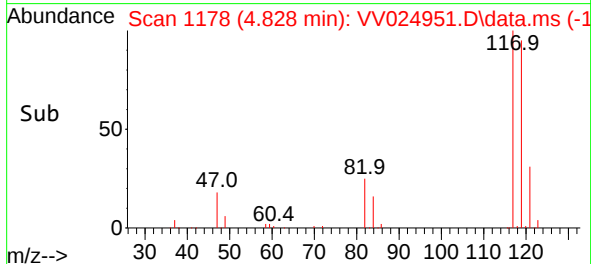
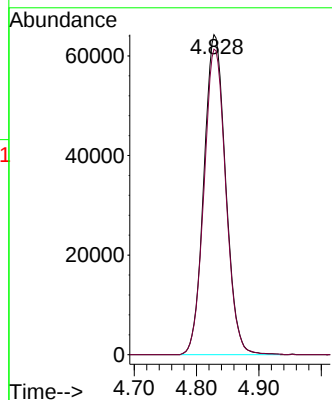
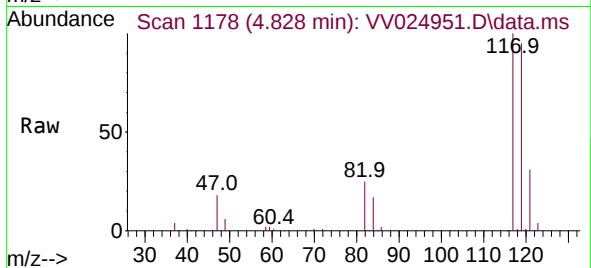




#31
Carbon tetrachloride
Concen: 49.041 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

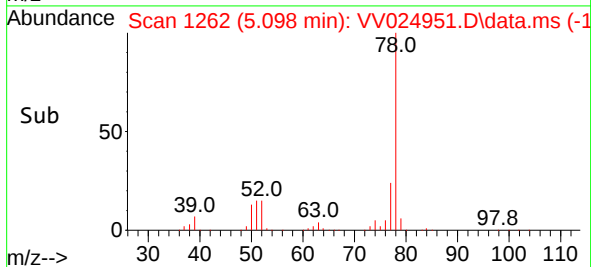
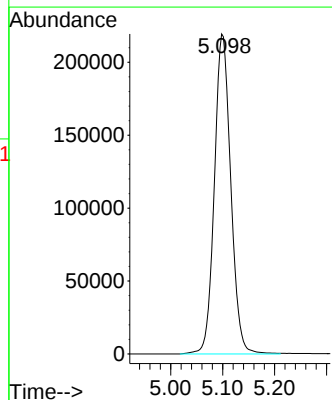
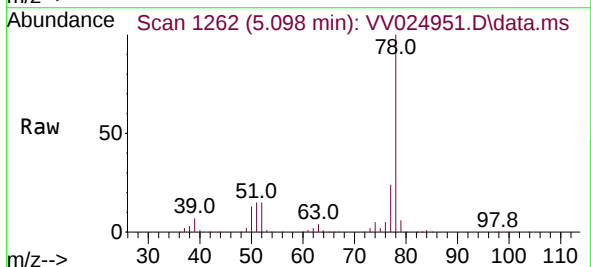
Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

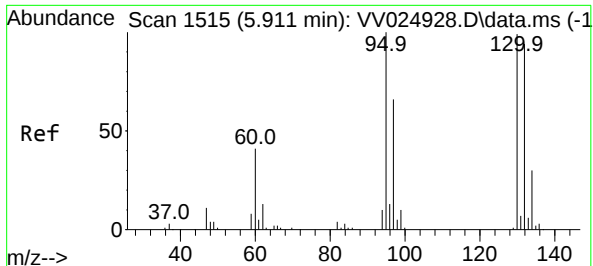
Tgt Ion:117 Resp: 156024
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8



#33
Benzene
Concen: 50.178 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion: 78 Resp: 481227

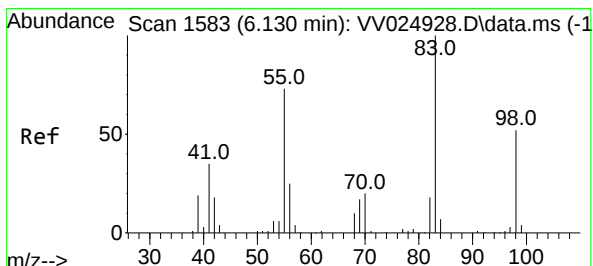
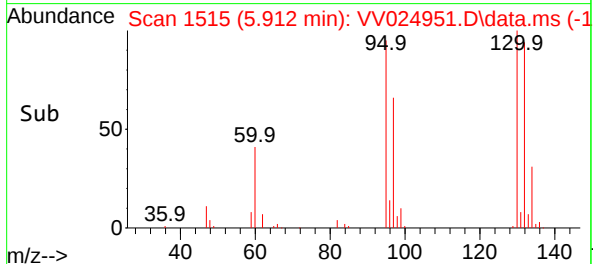
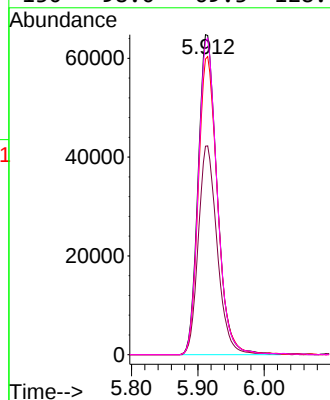
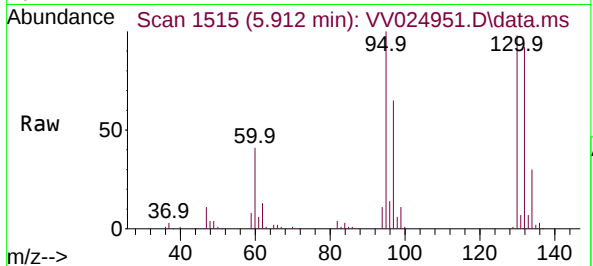




#34
Trichloroethene
Concen: 48.940 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

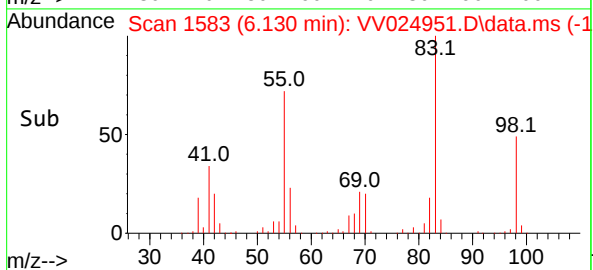
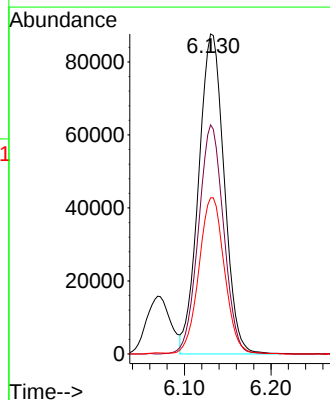
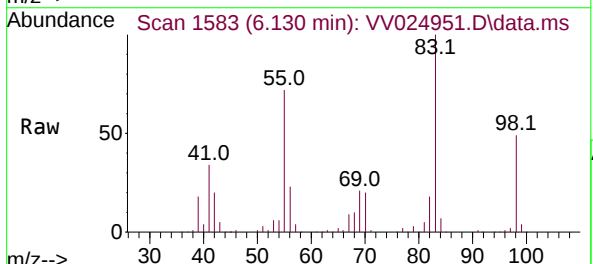
Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

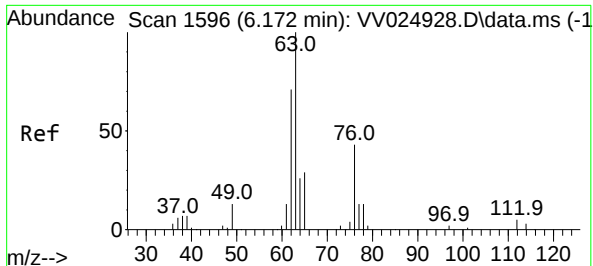
Tgt Ion: 95 Resp: 128665
Ion Ratio Lower Upper
95 100
97 65.1 45.3 84.1
132 92.4 65.0 120.6
130 98.0 69.3 128.7



#35
Methylcyclohexane
Concen: 45.003 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion: 83 Resp: 179505
Ion Ratio Lower Upper
83 100
55 70.6 57.7 86.5
98 48.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 49.806 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

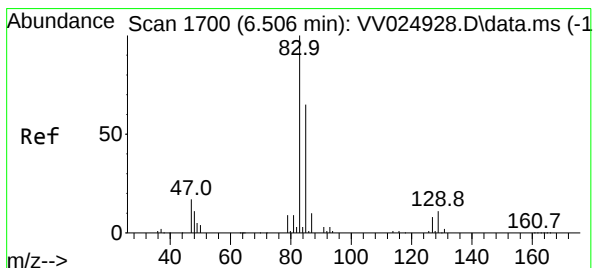
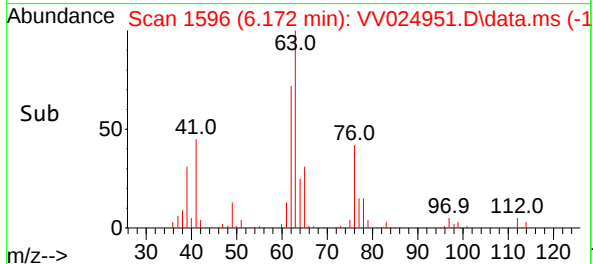
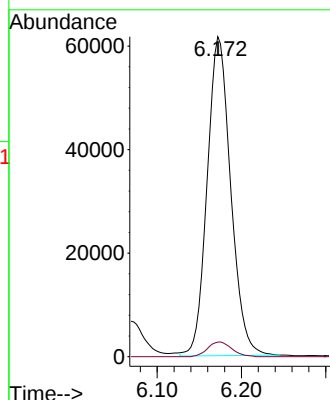
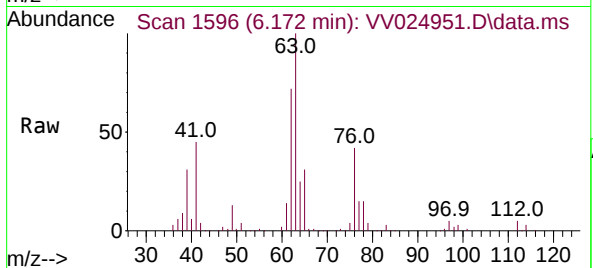
VSTD050286

Tgt Ion: 63 Resp: 119861

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 50.493 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

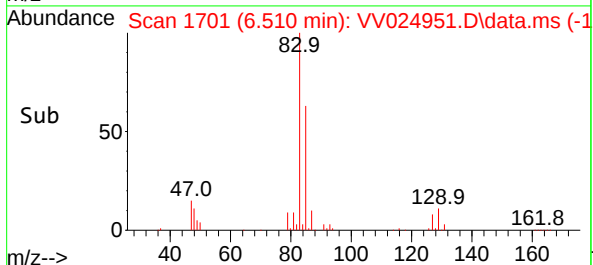
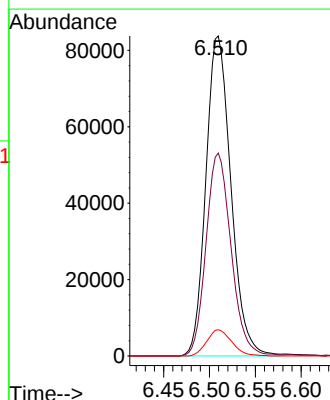
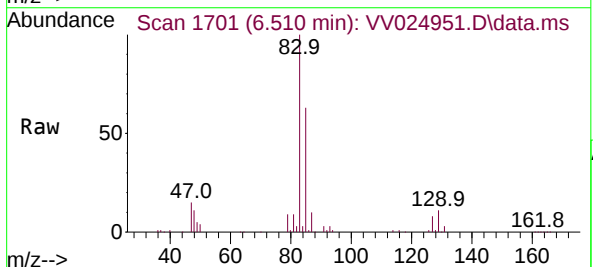
Tgt Ion: 83 Resp: 159233

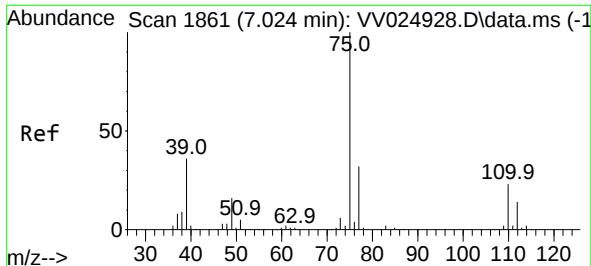
Ion Ratio Lower Upper

83 100

85 63.4 44.5 82.7

127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 49.537 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

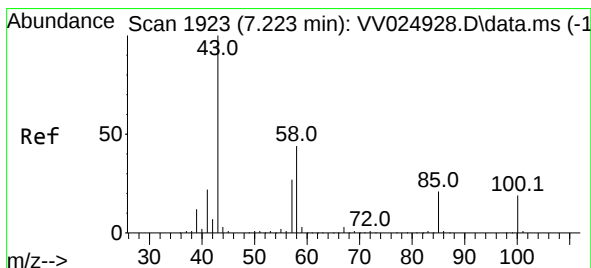
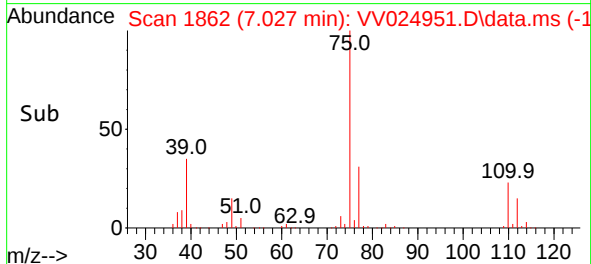
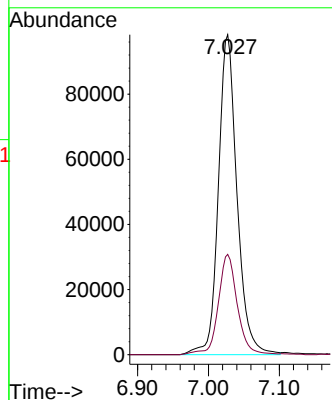
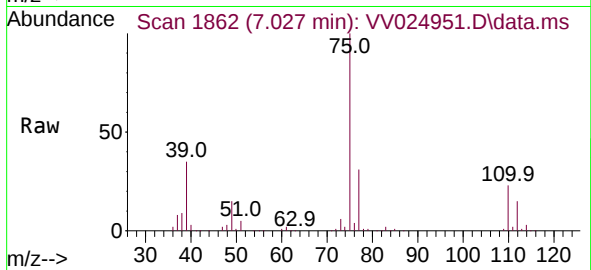
VSTD050286

Tgt Ion: 75 Resp: 179424

Ion Ratio Lower Upper

75 100

77 31.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 101.856 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

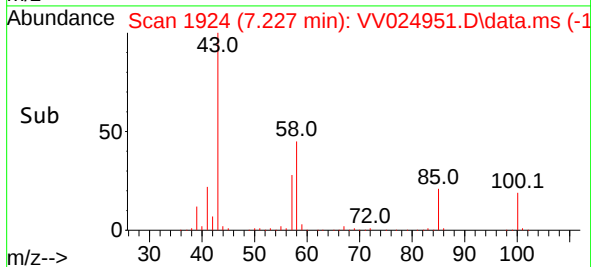
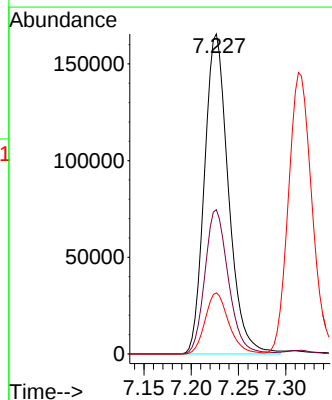
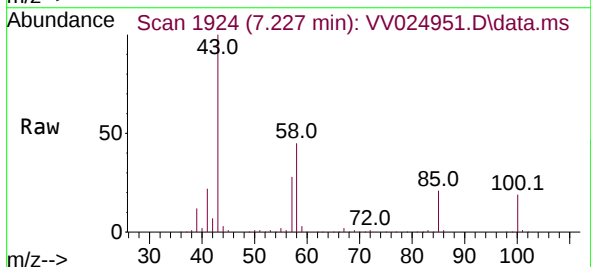
Tgt Ion: 43 Resp: 292247

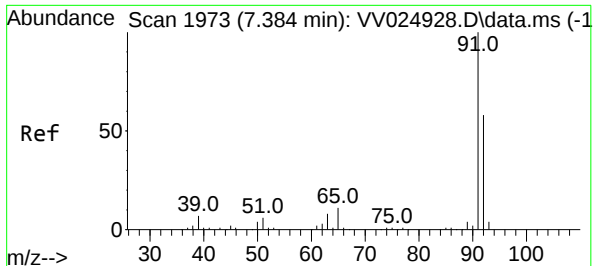
Ion Ratio Lower Upper

43 100

58 44.3 34.8 52.2

100 18.8 14.2 21.2





#42

Toluene

Concen: 50.211 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

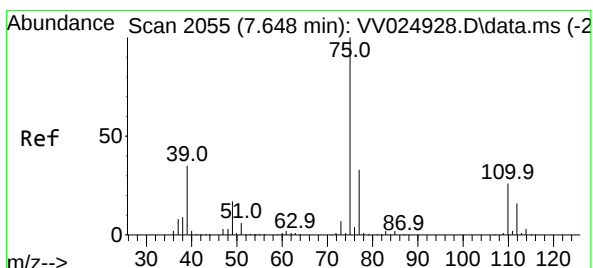
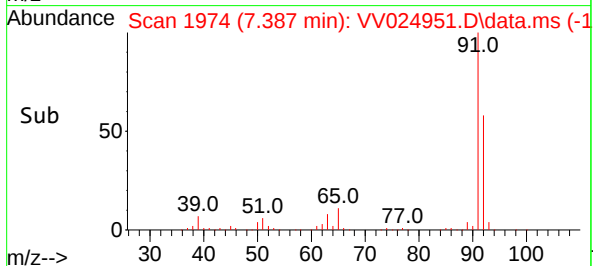
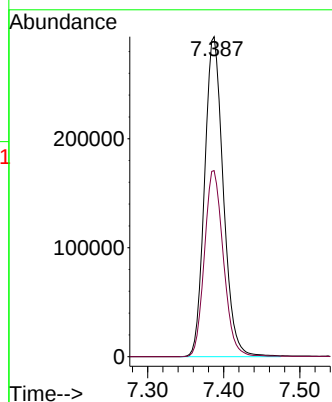
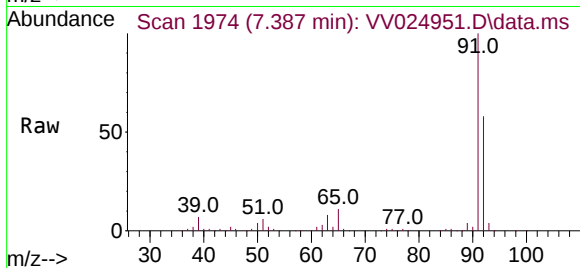
VSTD050286

Tgt Ion: 91 Resp: 502480

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 49.747 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024951.D

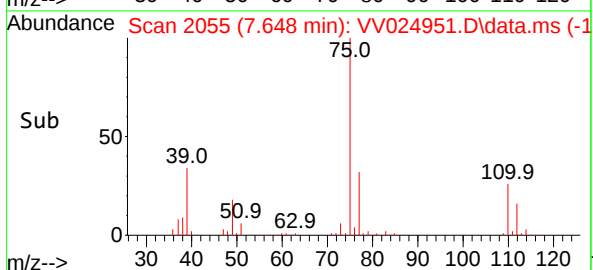
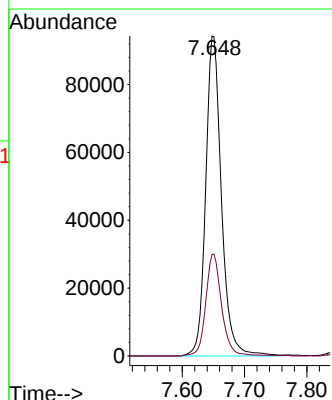
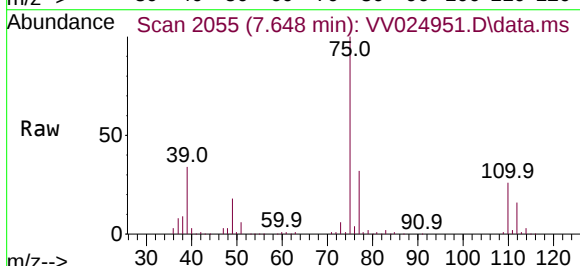
Acq: 11 Mar 2022 06:01

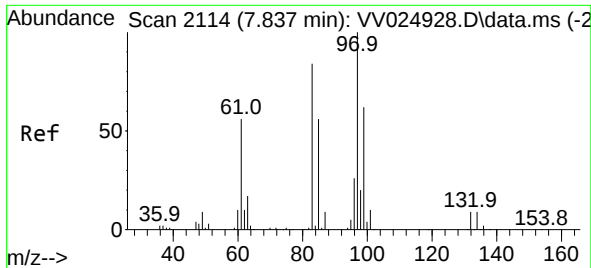
Tgt Ion: 75 Resp: 165536

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



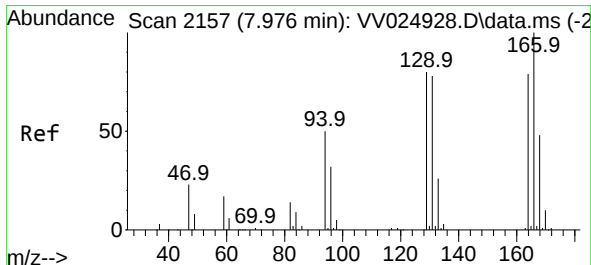
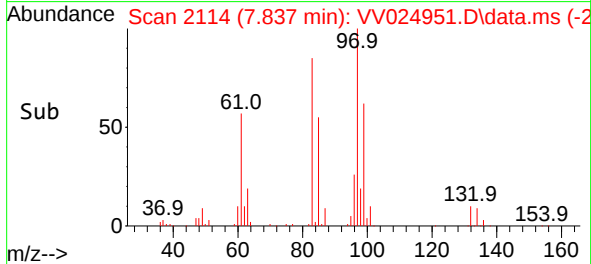
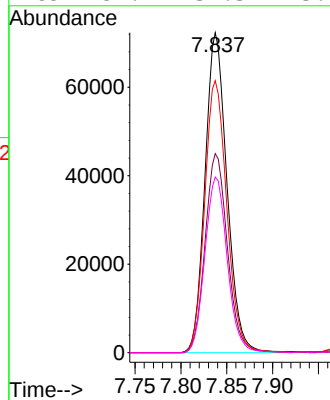
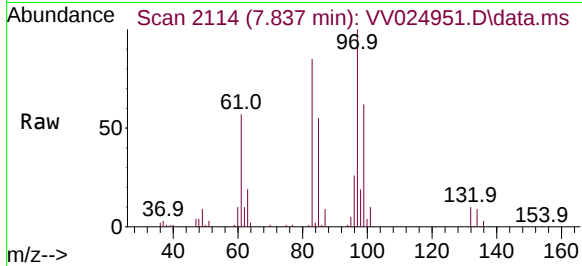


#45
1,1,2-Trichloroethane
Concen: 51.476 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

Tgt Ion: 97 Resp: 120364

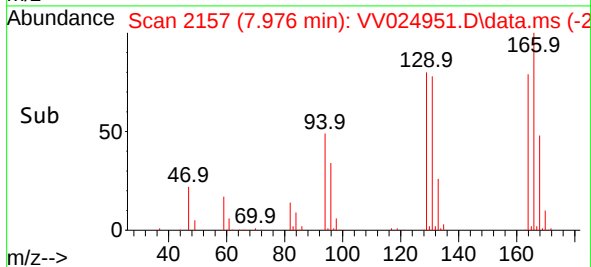
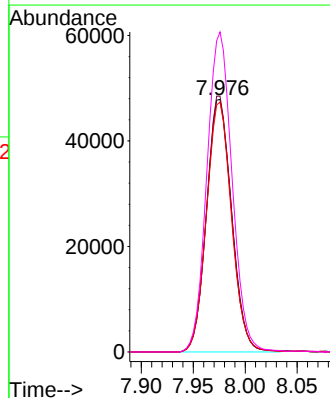
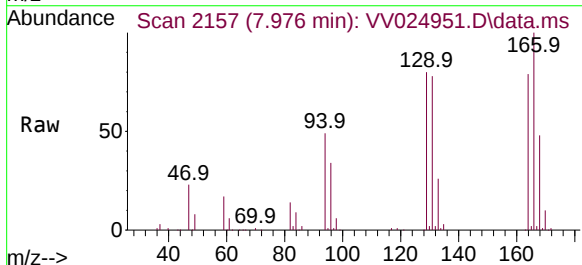
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.9	81.5
83	85.0	61.7	114.5
85	54.9	39.3	73.1

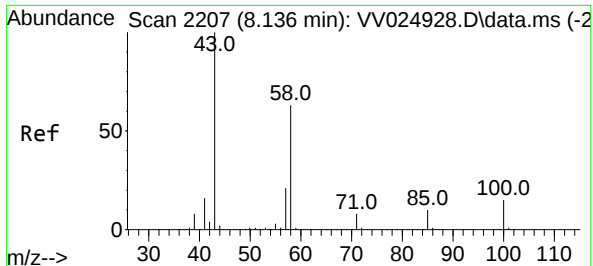


#46
Tetrachloroethene
Concen: 47.555 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion: 164 Resp: 80744

Ion	Ratio	Lower	Upper
164	100		
129	101.2	74.1	137.7
131	98.9	70.1	130.1
166	126.7	91.1	169.1

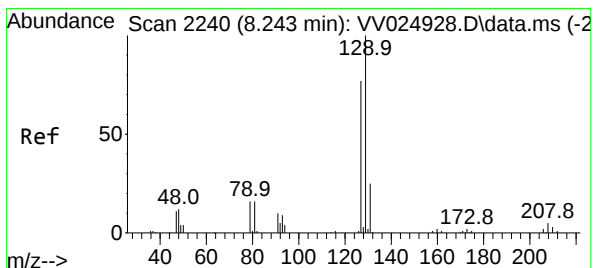
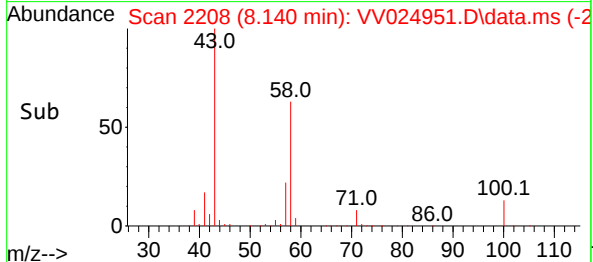
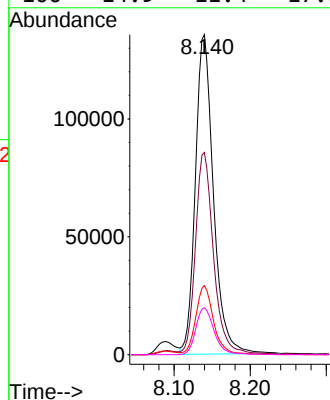
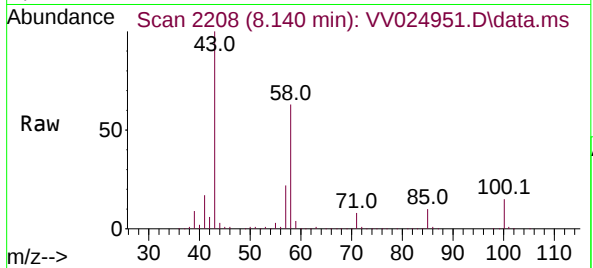




#48
2-Hexanone
Concen: 99.287 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

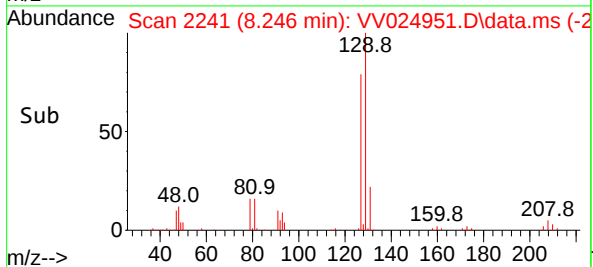
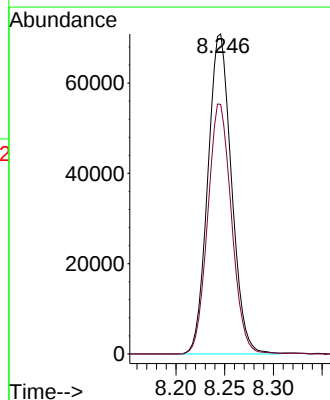
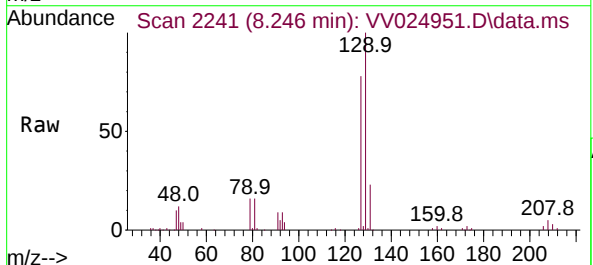
Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

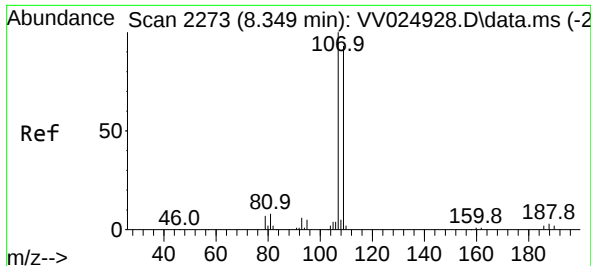
Tgt Ion: 43 Resp: 224202
Ion Ratio Lower Upper
43 100
58 63.6 48.6 72.8
57 21.2 16.5 24.7
100 14.9 11.4 17.0



#49
Dibromochloromethane
Concen: 53.031 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion: 129 Resp: 119830
Ion Ratio Lower Upper
129 100
127 78.0 54.2 100.6





#50

1,2-Dibromoethane

Concen: 51.543 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD050286

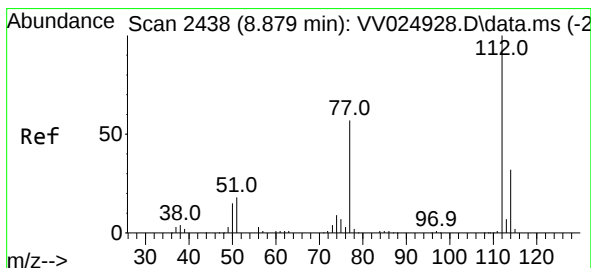
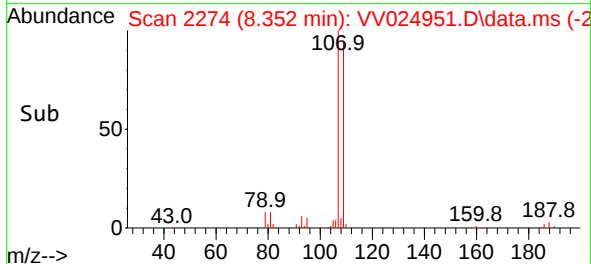
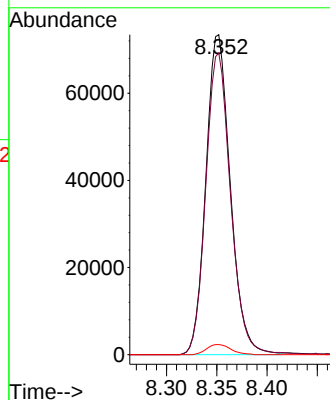
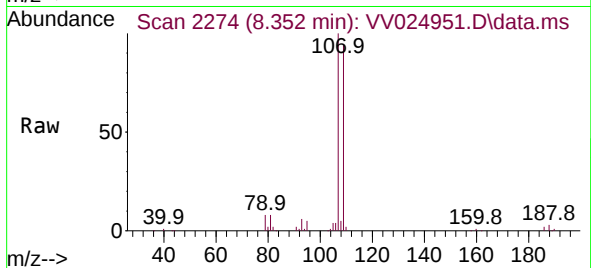
Tgt Ion:107 Resp: 124291

Ion Ratio Lower Upper

107 100

109 94.3 65.6 121.8

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 50.467 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

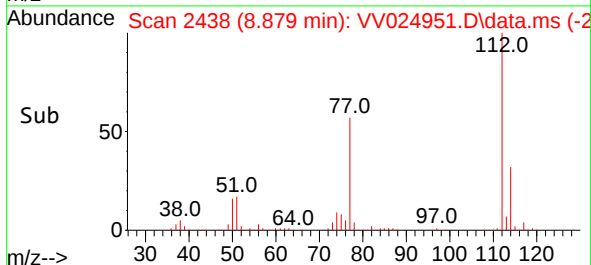
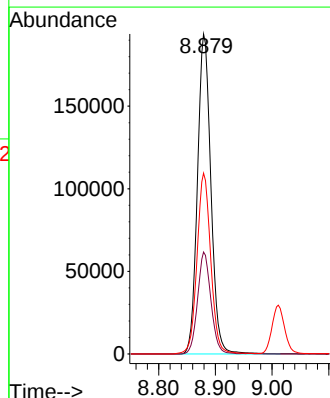
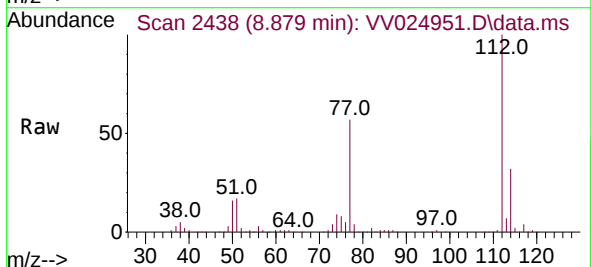
Tgt Ion:112 Resp: 318602

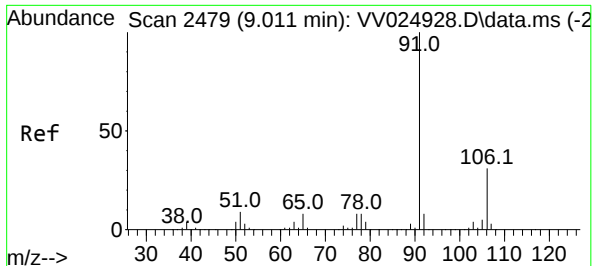
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 56.5 46.7 70.1





#52

Ethylbenzene

Concen: 50.574 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

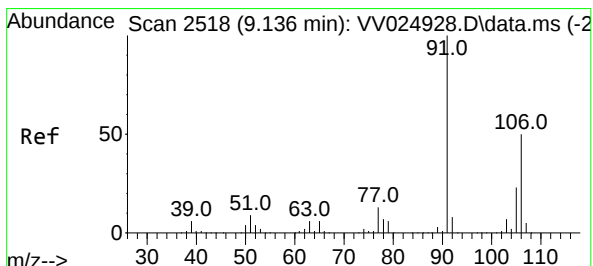
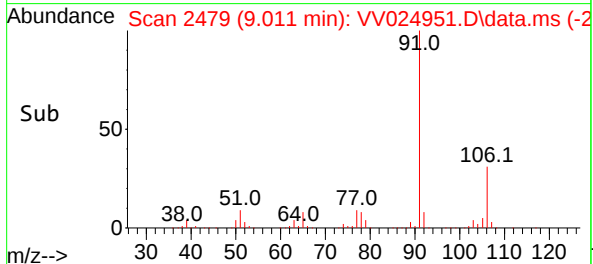
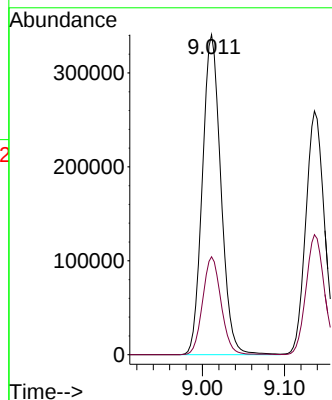
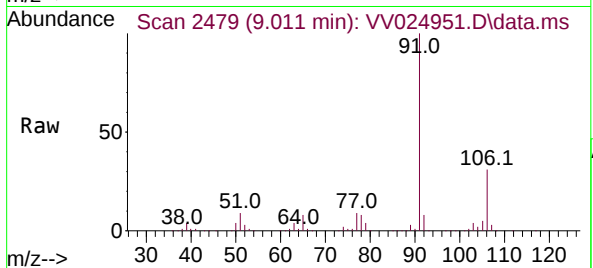
VSTD050286

Tgt Ion: 91 Resp: 533803

Ion Ratio Lower Upper

91 100

106 30.6 21.6 40.2



#53

m,p-Xylene

Concen: 49.615 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV024951.D

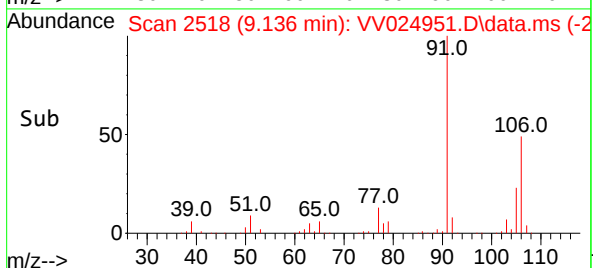
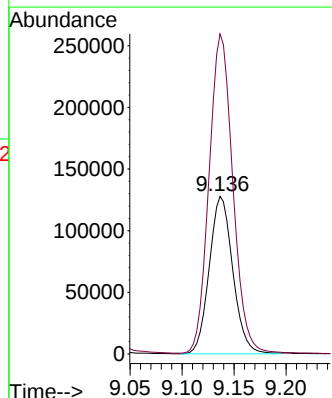
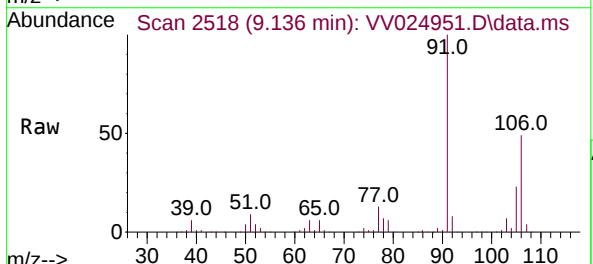
Acq: 11 Mar 2022 06:01

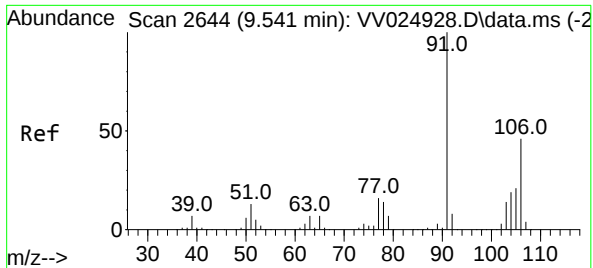
Tgt Ion: 106 Resp: 201226

Ion Ratio Lower Upper

106 100

91 203.0 142.2 264.2

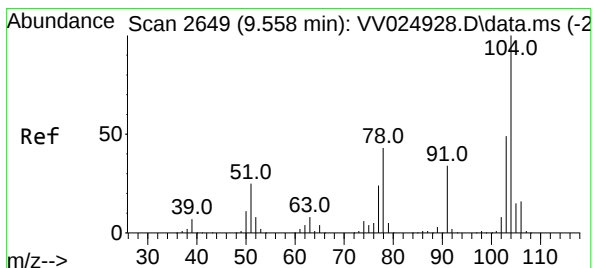
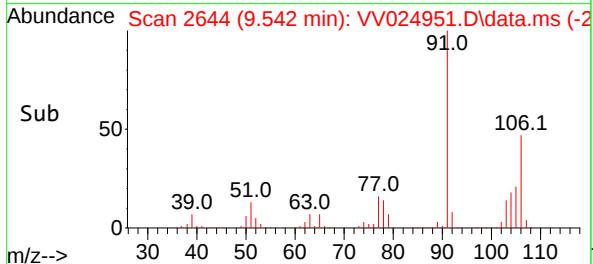
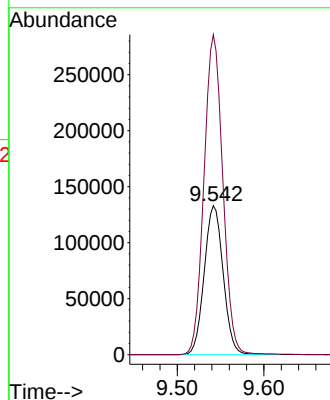
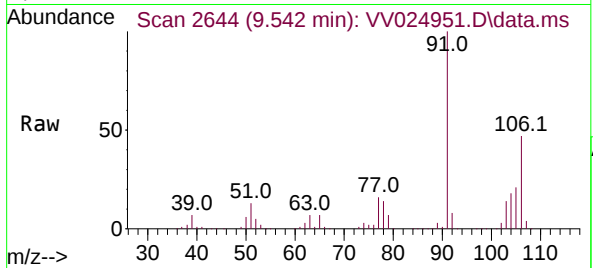




#54
o-Xylene
Concen: 51.530 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

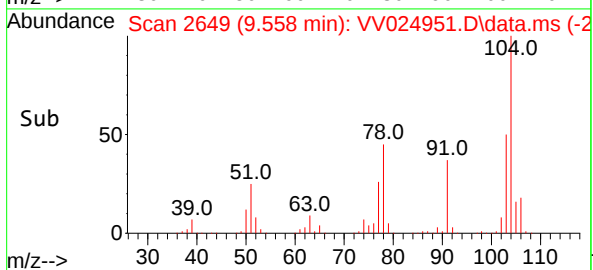
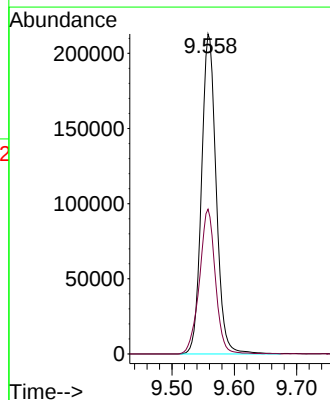
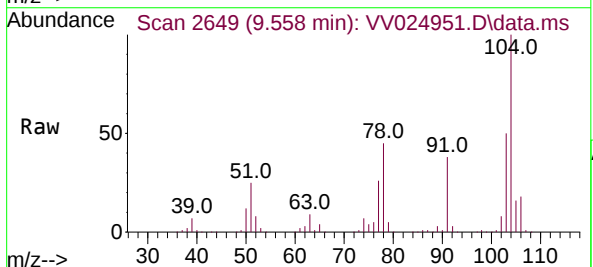
Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

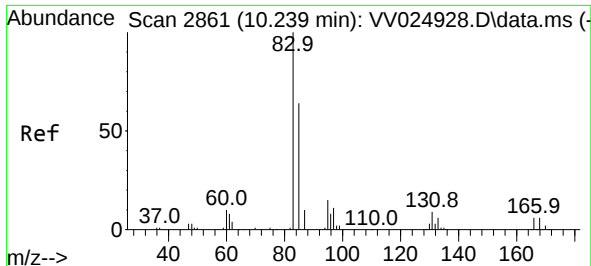
Tgt Ion:106 Resp: 201938
Ion Ratio Lower Upper
106 100
91 214.8 151.6 281.6



#55
Styrene
Concen: 52.426 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion:104 Resp: 348591
Ion Ratio Lower Upper
104 100
78 45.3 30.9 57.3

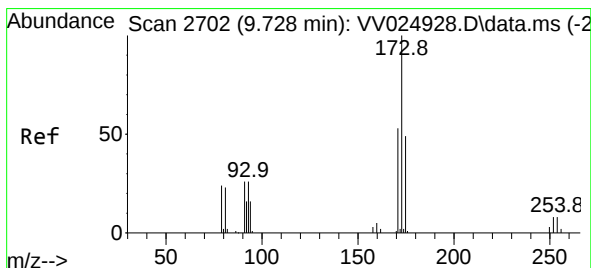
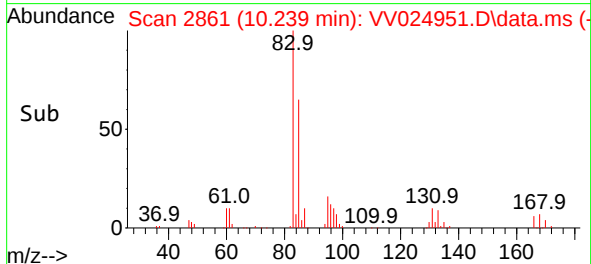
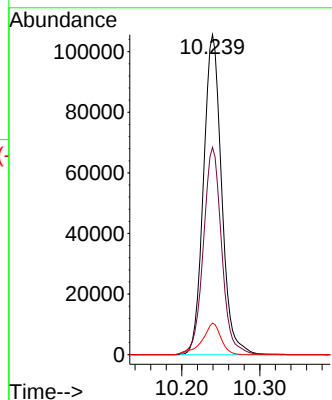
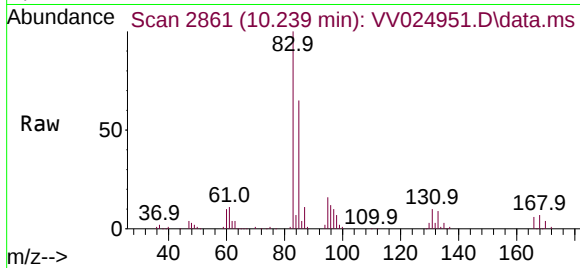




#57
1,1,2,2-Tetrachloroethane
Concen: 52.077 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

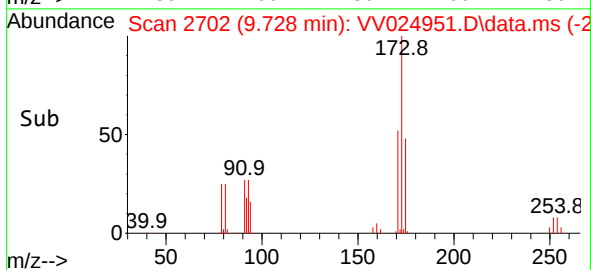
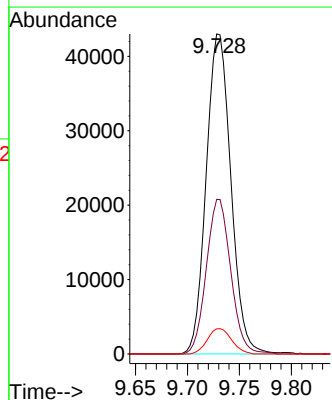
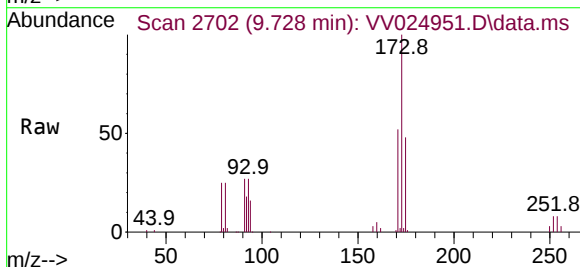
Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

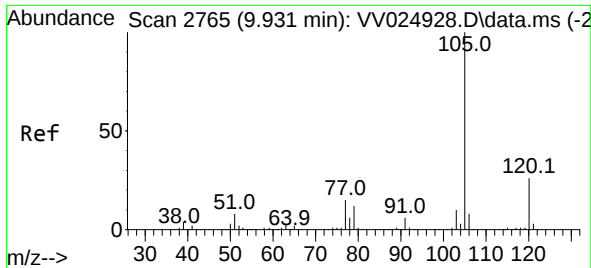
Tgt Ion: 83 Resp: 170323
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.2
131 9.8 7.0 10.4



#59
Bromoform
Concen: 54.606 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion: 173 Resp: 71207
Ion Ratio Lower Upper
173 100
175 47.7 37.9 56.9
254 7.8 6.2 9.4

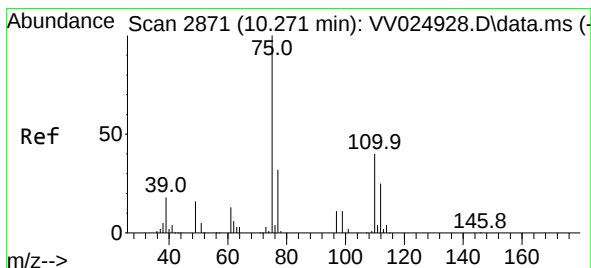
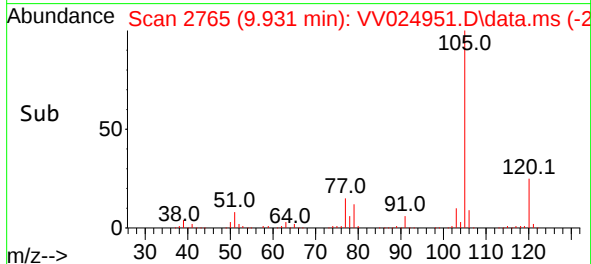
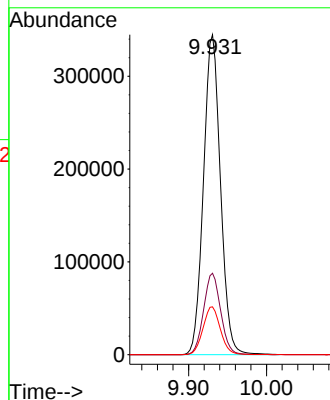
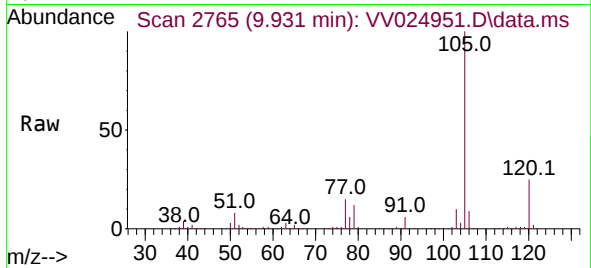




#60
Isopropylbenzene
Concen: 50.238 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

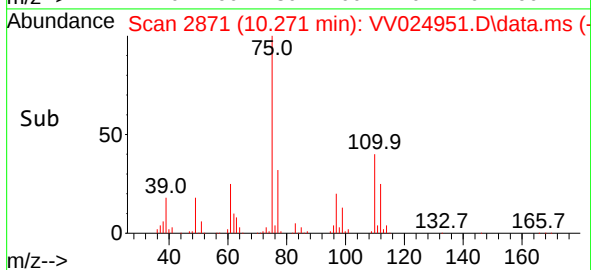
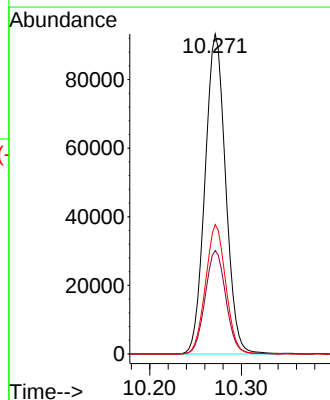
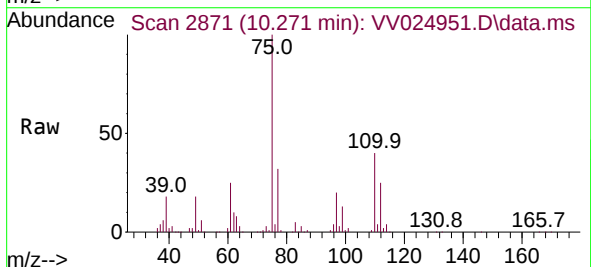
Instrument :
MSVOA_V
ClientSampleId :
VSTD050286

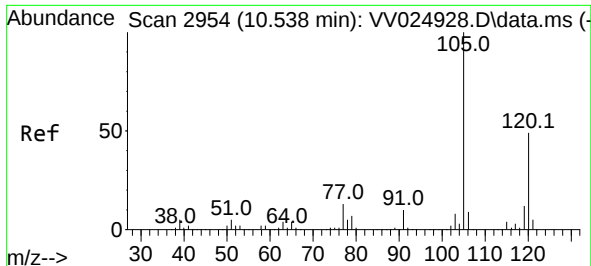
Tgt Ion:105 Resp: 522270
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 50.875 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion: 75 Resp: 145722
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 39.6 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 50.394 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

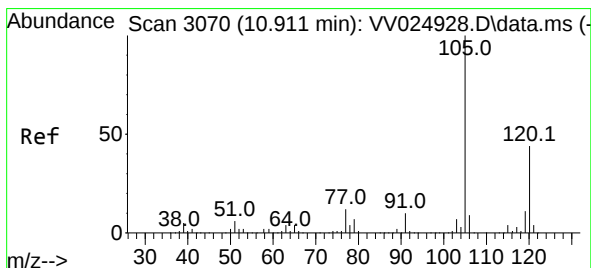
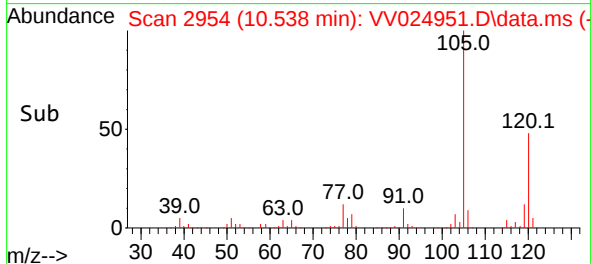
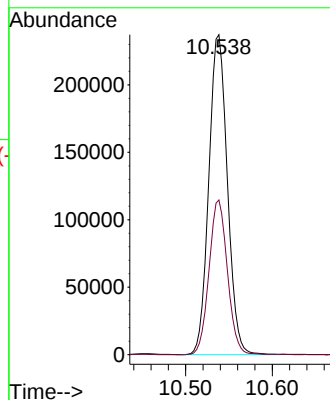
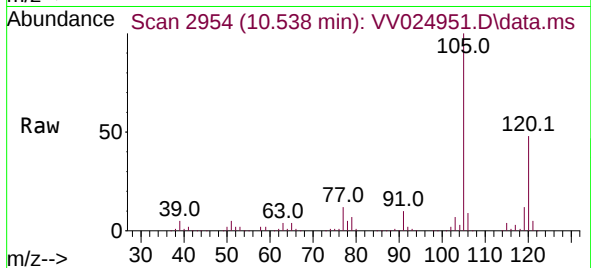
VSTD050286

Tgt Ion:105 Resp: 353473

Ion Ratio Lower Upper

105 100

120 47.9 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 50.518 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024951.D

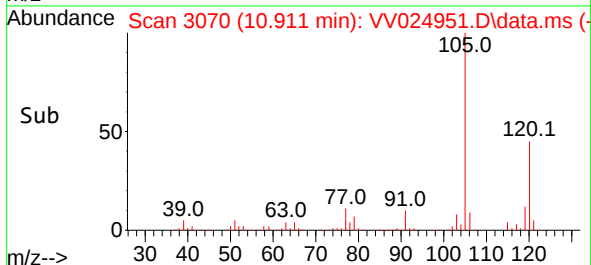
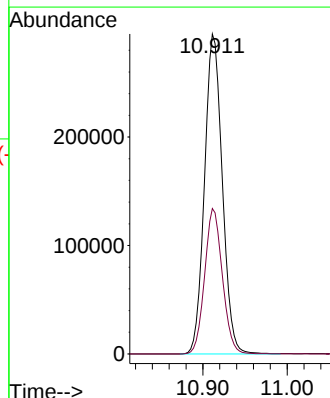
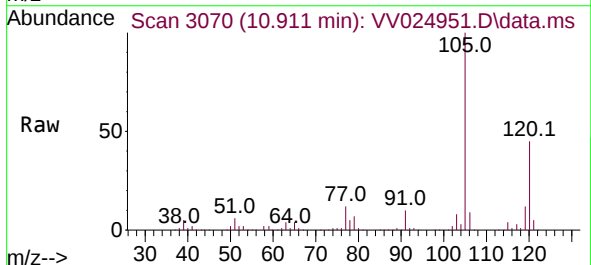
Acq: 11 Mar 2022 06:01

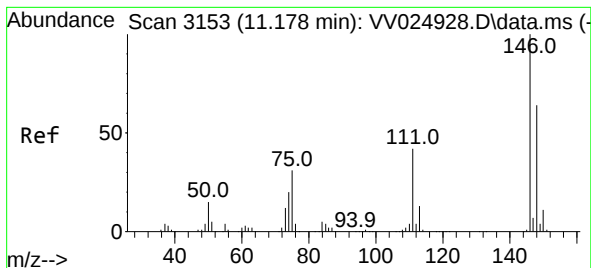
Tgt Ion:105 Resp: 434302

Ion Ratio Lower Upper

105 100

120 45.2 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 49.172 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD050286

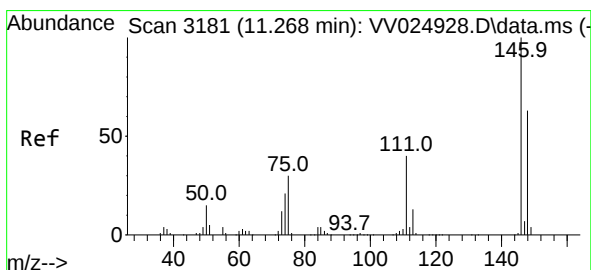
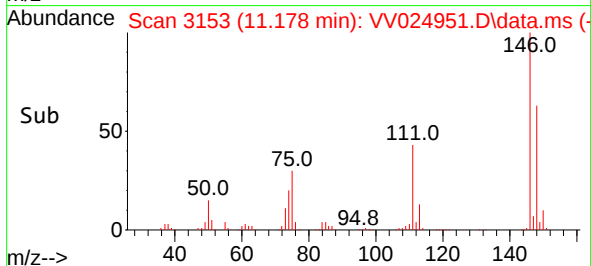
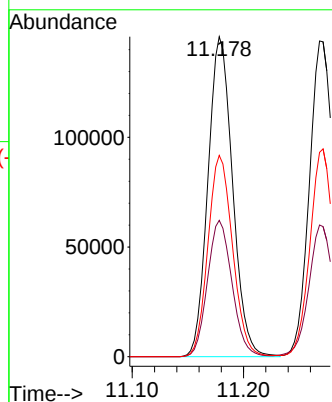
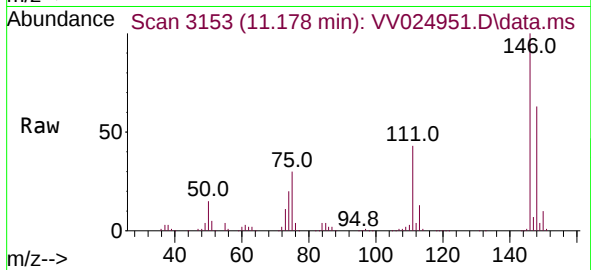
Tgt Ion:146 Resp: 224316

Ion Ratio Lower Upper

146 100

111 42.6 29.7 55.1

148 62.9 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 48.237 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. 0.000 min

Lab File: VV024951.D

Acq: 11 Mar 2022 06:01

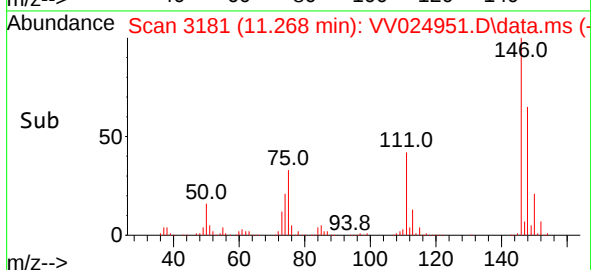
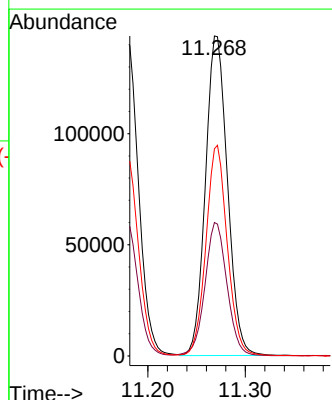
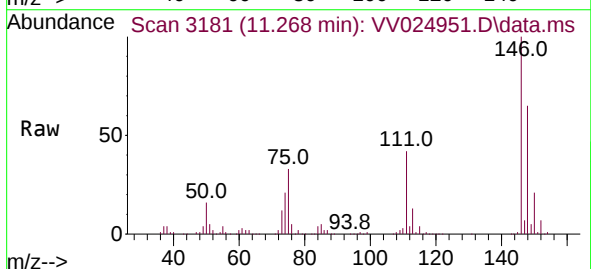
Tgt Ion:146 Resp: 225280

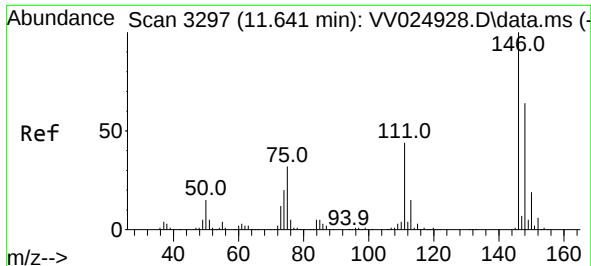
Ion Ratio Lower Upper

146 100

111 41.7 28.6 53.0

148 64.7 43.7 81.1

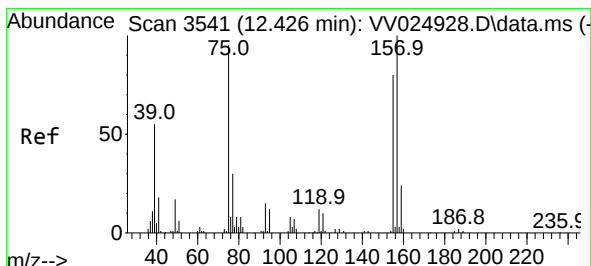
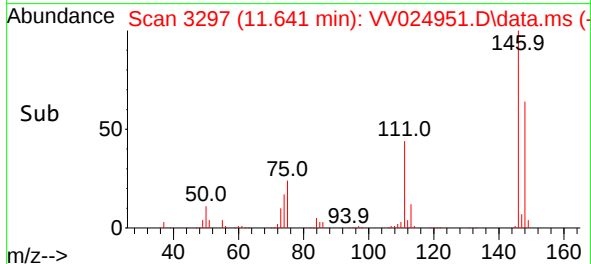
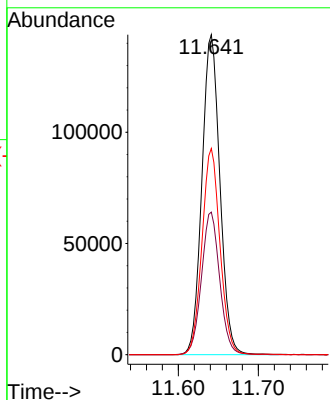
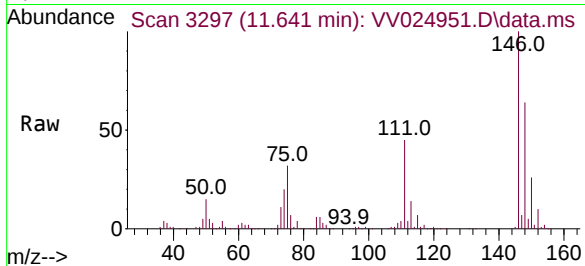




#67
 1,2-Dichlorobenzene
 Concen: 49.099 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

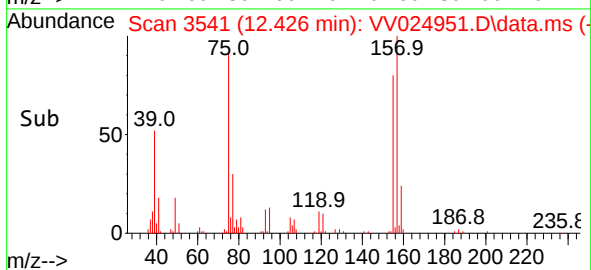
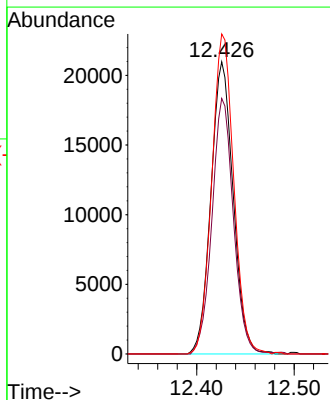
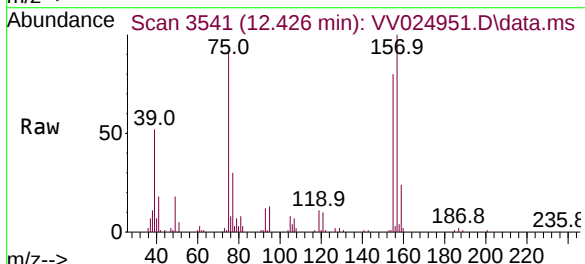
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

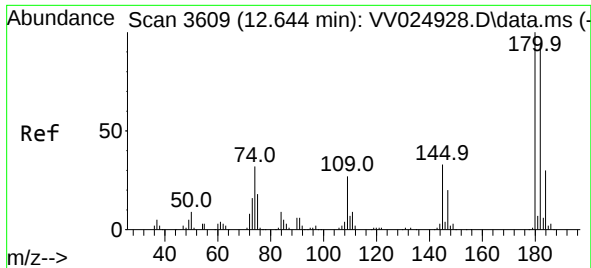
Tgt Ion:146 Resp: 225419
 Ion Ratio Lower Upper
 146 100
 111 44.5 34.9 52.3
 148 64.5 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 50.922 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

Tgt Ion: 75 Resp: 33297
 Ion Ratio Lower Upper
 75 100
 155 87.5 63.8 95.8
 157 109.5 79.3 118.9

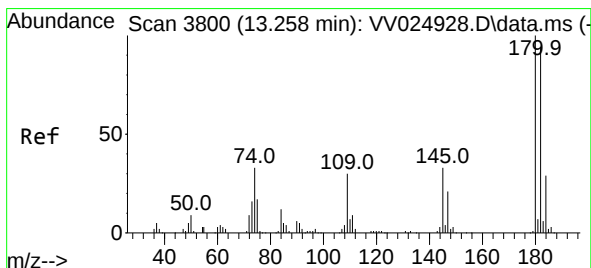
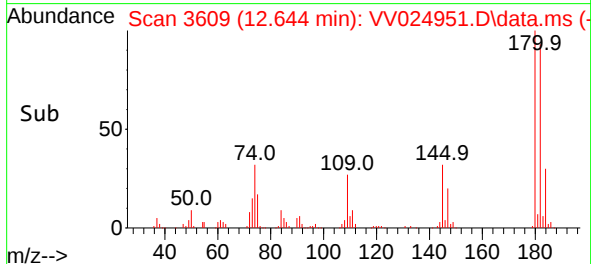
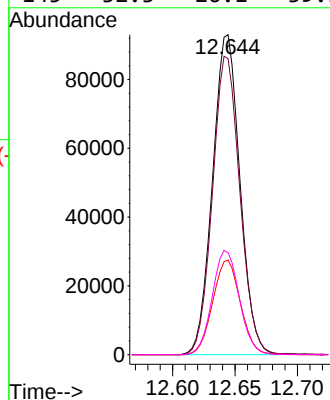
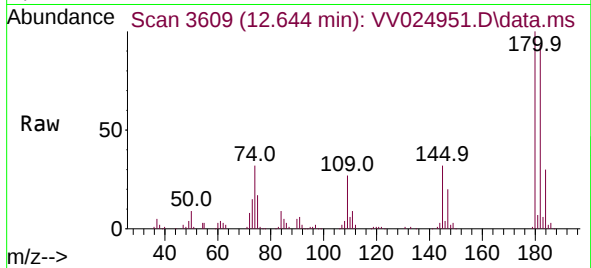




#69
 1,3,5-Trichlorobenzene
 Concen: 46.199 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

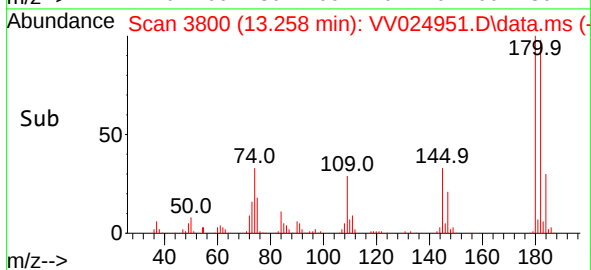
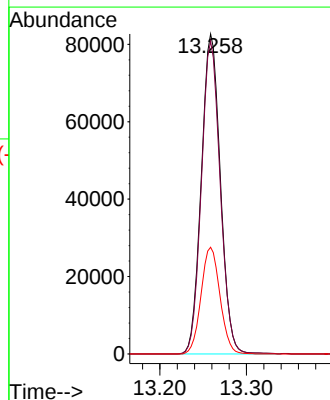
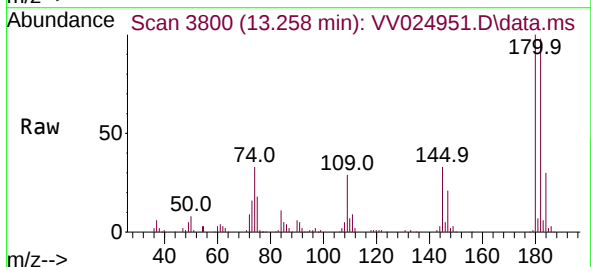
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

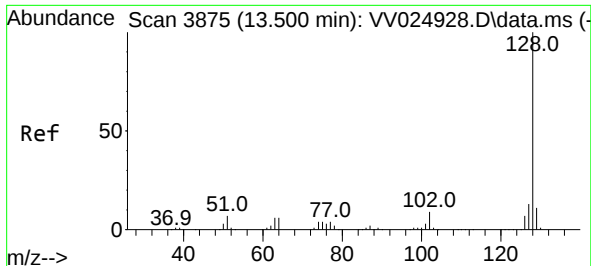
Tgt Ion:	180	Resp:	142263
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.1	112.7
184	29.9	23.9	35.9
145	32.3	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 47.216 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024951.D
 Acq: 11 Mar 2022 06:01

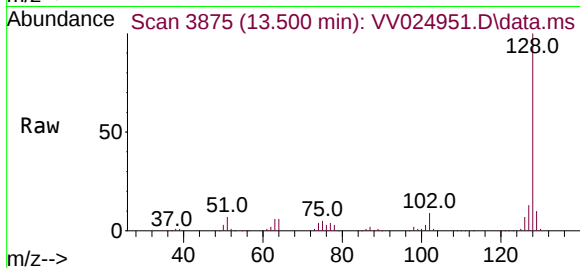
Tgt Ion:	180	Resp:	126679
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.0	114.0
145	33.1	27.6	41.4



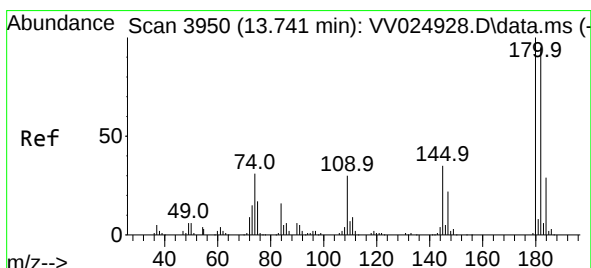
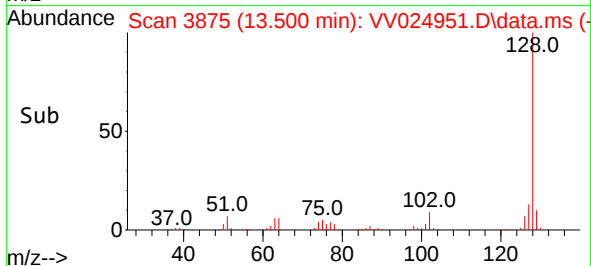
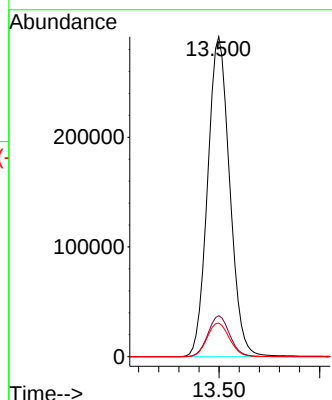


#71
Naphthalene
Concen: 51.105 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD050286



Tgt Ion:	128	Resp:	444245
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.484 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024951.D
Acq: 11 Mar 2022 06:01

Tgt Ion:	180	Resp:	130915
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.9	113.9
145	35.2	28.7	43.1

