

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040124\
 Data File : VV034913.D
 Acq On : 01 Apr 2024 08:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050312

Quant Time: Apr 02 01:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	385433	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	373050	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	190924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168423	45.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.500%
7) Chloroethane-d5	1.532	69	154013	47.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.280%
11) 1,1-Dichloroethene-d2	2.056	65	76239	46.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.440%
21) 2-Butanone-d5	3.793	46	194854	88.264	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.260%
24) Chloroform-d	4.246	84	288045	46.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
26) 1,2-Dichloroethane-d4	4.937	65	177093	44.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.140%
32) Benzene-d6	4.957	84	565272	45.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
36) 1,2-Dichloropropane-d6	5.985	67	181731	45.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.340%
41) Toluene-d8	7.239	98	512338	45.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.551	79	67848	35.073	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.140%
47) 2-Hexanone-d5	8.024	63	124703	82.889	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.890%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	246596	45.002	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	187959	43.847	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	132229	47.334	ug/L	100
3) Chloromethane	1.217	50	160051	44.566	ug/L	100
5) Vinyl chloride	1.285	62	174362	46.312	ug/L	98
6) Bromomethane	1.490	94	111786	39.610	ug/L	99
8) Chloroethane	1.548	64	133309	51.845	ug/L	100
9) Trichlorofluoromethane	1.712	101	250266	50.646	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	150655	49.811	ug/L	99
12) 1,1-Dichloroethene	2.069	96	141566	48.939	ug/L	90
13) Acetone	2.127	43	151466	74.732	ug/L	99
14) Carbon disulfide	2.240	76	347251	42.628	ug/L	99
15) Methyl Acetate	2.375	43	162319	50.821	ug/L	98
16) Methylene chloride	2.445	84	159330	50.834	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	136440	48.786	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	500968	50.998	ug/L	99
19) 1,1-Dichloroethane	3.108	63	301239	52.525	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	161950	50.995	ug/L	95
22) 2-Butanone	3.873	43	212661	90.422	ug/L	99
23) Bromochloromethane	4.143	128	80720	50.802	ug/L	99
25) Chloroform	4.272	83	297174	52.410	ug/L	98

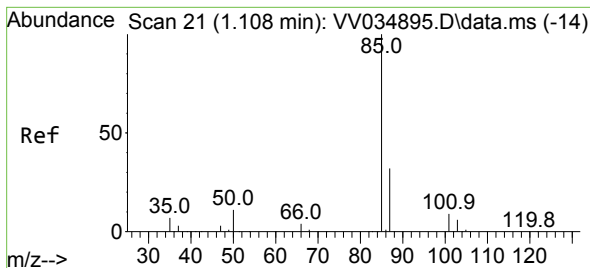
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 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	234051	51.844	ug/L	99
29) Cyclohexane	4.580	56	226148	48.401	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	248069	51.015	ug/L	100
31) Carbon tetrachloride	4.731	117	212277	51.504	ug/L	99
33) Benzene	5.005	78	612662	50.364	ug/L	100
34) Trichloroethene	5.831	95	161224	49.109	ug/L	99
35) Methylcyclohexane	6.047	83	227988	45.984	ug/L	99
37) 1,2-Dichloropropane	6.088	63	177614	52.834	ug/L	100
38) Bromodichloromethane	6.429	83	225073	51.891	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	211752	39.985	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	453581	105.677	ug/L	99
42) Toluene	7.313	91	650084	51.045	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	200008	41.109	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	166203	52.454	ug/L	99
46) Tetrachloroethene	7.902	164	113580	49.521	ug/L	98
48) 2-Hexanone	8.072	43	357473	97.924	ug/L	98
49) Dibromochloromethane	8.172	129	167442	53.355	ug/L	99
50) 1,2-Dibromoethane	8.278	107	172951	50.699	ug/L	96
51) Chlorobenzene	8.812	112	412060	49.921	ug/L	99
52) Ethylbenzene	8.944	91	712502	50.480	ug/L	100
53) m,p-Xylene	9.069	106	261077	50.227	ug/L	99
54) o-Xylene	9.474	106	263394	51.214	ug/L	96
55) Styrene	9.493	104	459354	52.853	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	269488	52.493	ug/L	100
59) Bromoform	9.664	173	124721	57.004	ug/L	99
60) Isopropylbenzene	9.863	105	718565	52.206	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	217223	52.505	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	463855	51.891	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	575987	52.116	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	327395	50.899	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	329731	50.409	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	333371	52.027	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	59260	51.991	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	228154	49.217	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	200553	47.098	ug/L	99
71) Naphthalene	13.435	128	488365	41.338	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	204125	48.631	ug/L	99

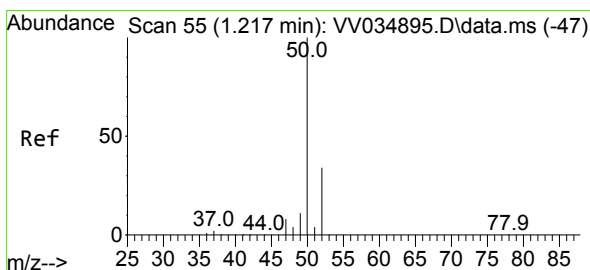
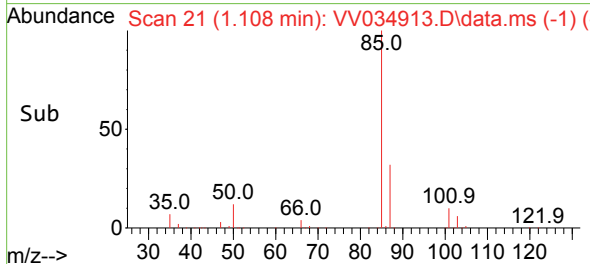
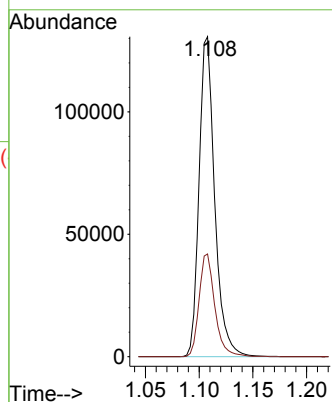
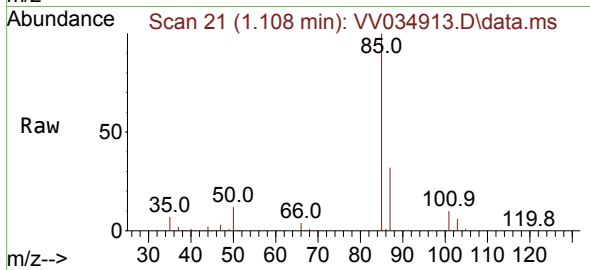
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#2
 Dichlorodifluoromethane
 Concen: 47.334 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034913.D
 Acq: 01 Apr 2024 08:48

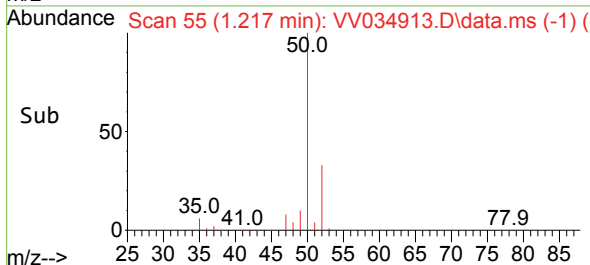
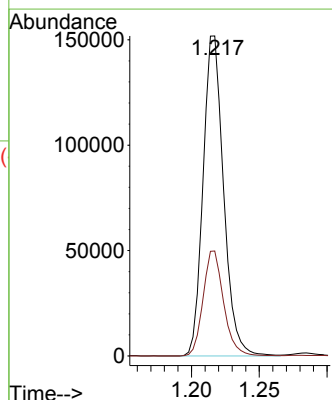
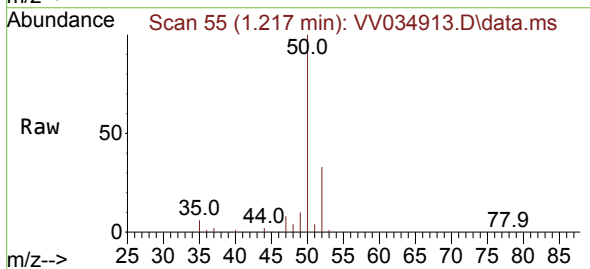
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050312

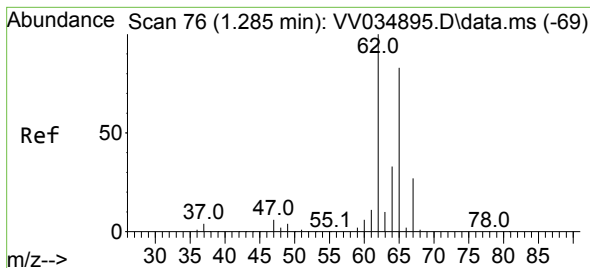
Tgt Ion: 85 Resp: 132229
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 44.566 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034913.D
 Acq: 01 Apr 2024 08:48

Tgt Ion: 50 Resp: 160051
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.8





#5

Vinyl chloride

Concen: 46.312 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

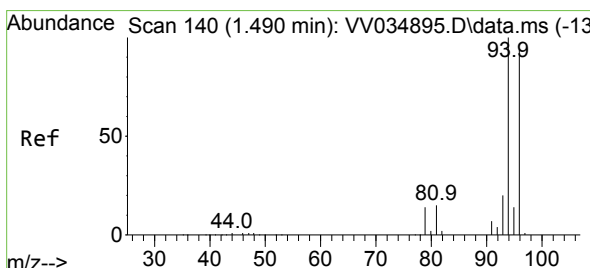
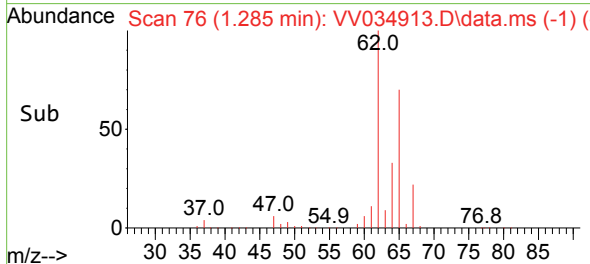
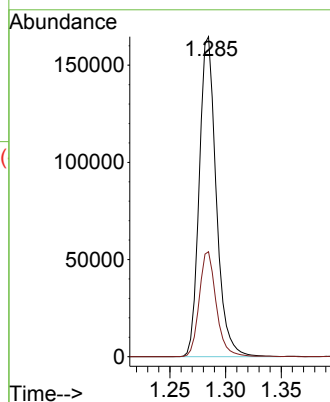
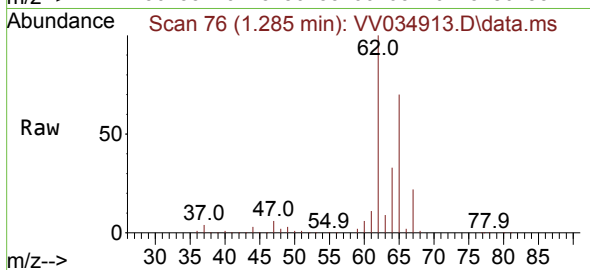
VSTD050312

Tgt Ion: 62 Resp: 174362

Ion Ratio Lower Upper

62 100

64 32.8 23.6 43.8



#6

Bromomethane

Concen: 39.610 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV034913.D

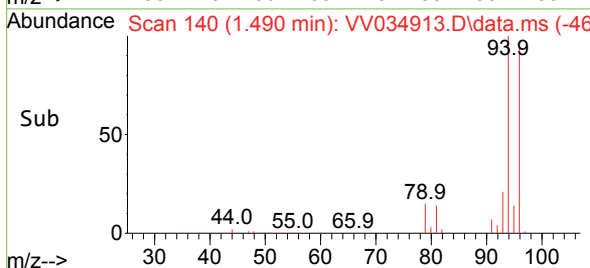
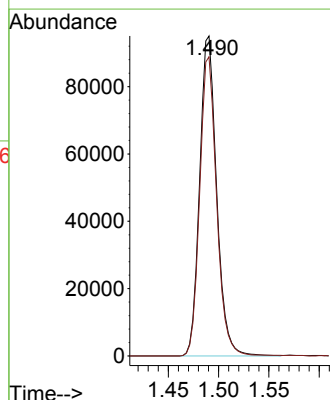
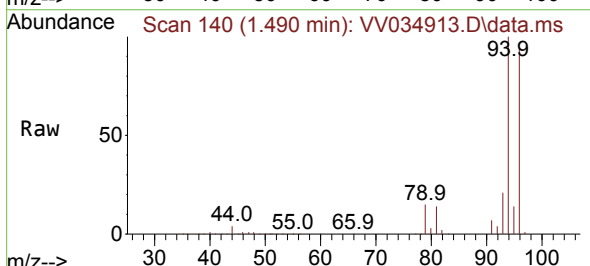
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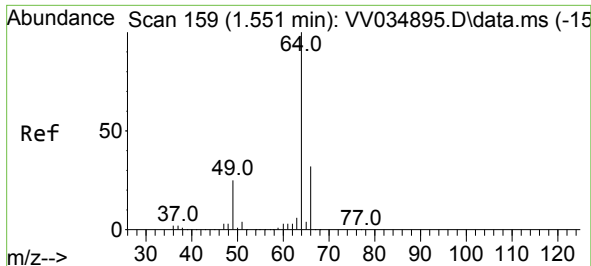
Tgt Ion: 94 Resp: 111786

Ion Ratio Lower Upper

94 100

96 93.5 66.3 123.1





#8

Chloroethane

Concen: 51.845 ug/L

RT: 1.548 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

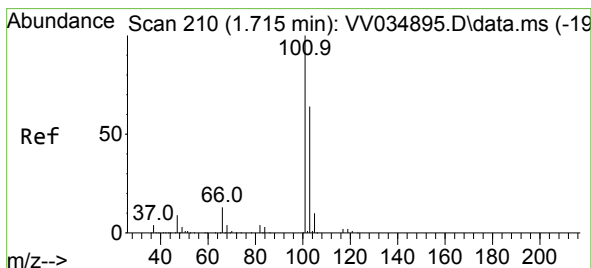
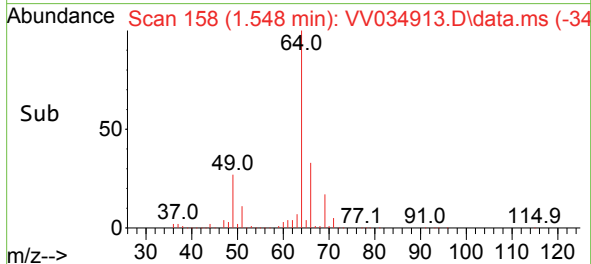
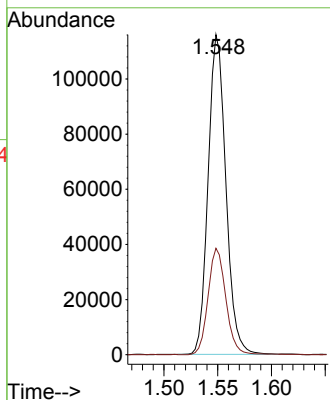
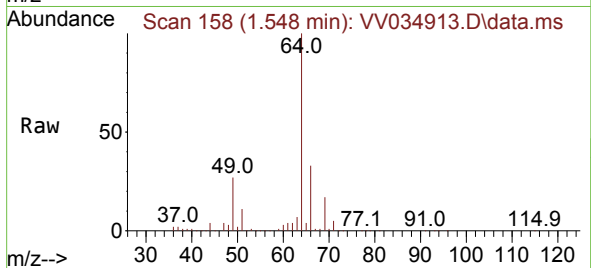
VSTD050312

Tgt Ion: 64 Resp: 133309

Ion Ratio Lower Upper

64 100

66 33.3 23.2 43.2



#9

Trichlorofluoromethane

Concen: 50.646 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.000 min

Lab File: VV034913.D

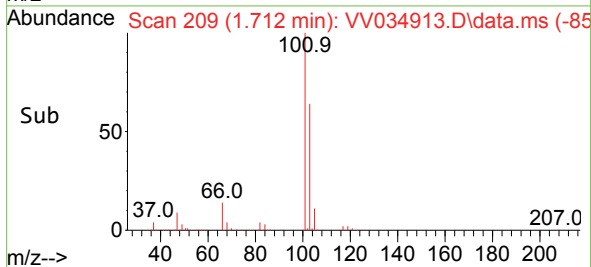
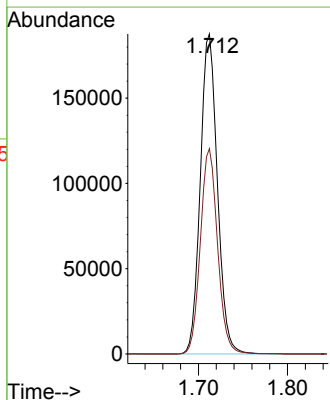
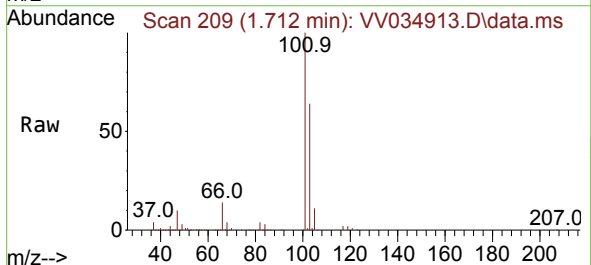
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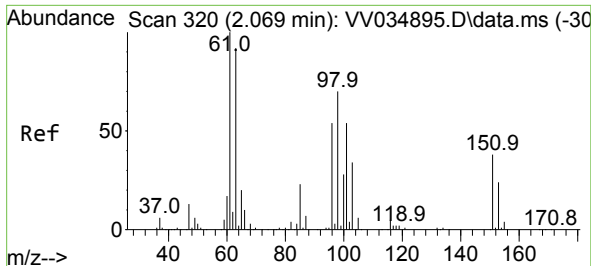
Tgt Ion:101 Resp: 250266

Ion Ratio Lower Upper

101 100

103 64.5 51.6 77.4

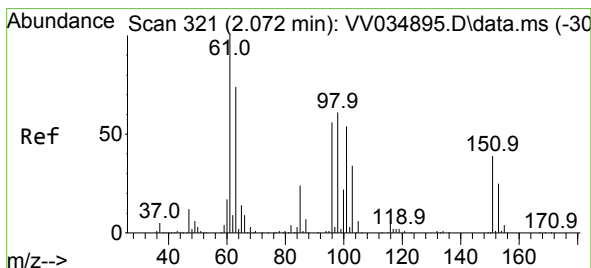
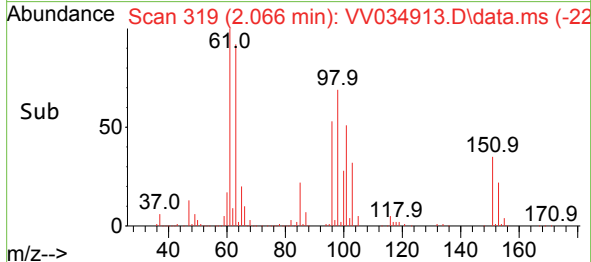
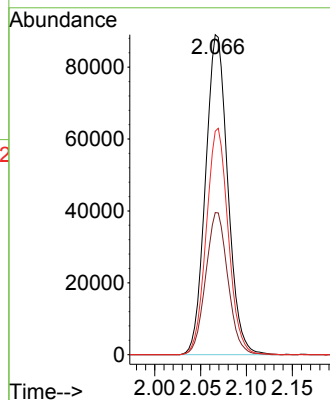
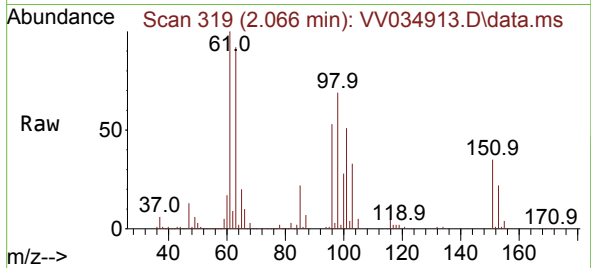




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.811 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV034913.D
 Acq: 01 Apr 2024 08:48

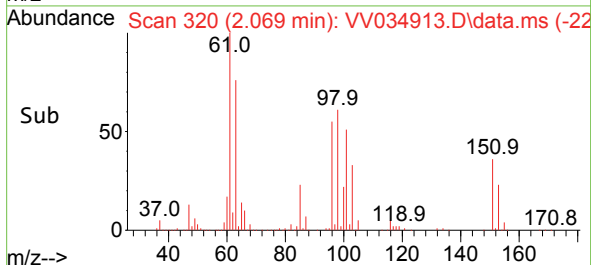
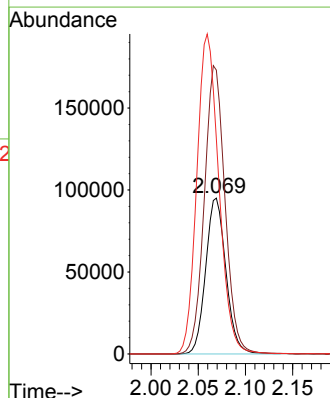
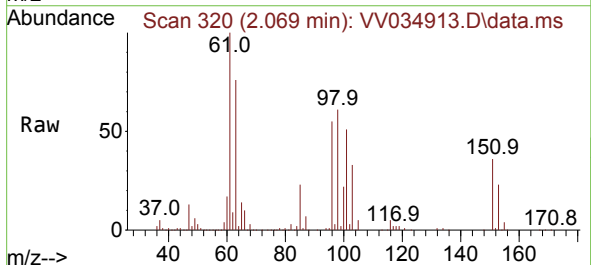
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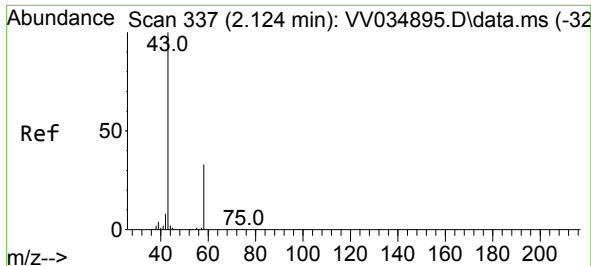
Tgt Ion:101 Resp: 150655
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.3 52.9
 151 69.8 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 48.939 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034913.D
 Acq: 01 Apr 2024 08:48

Tgt Ion: 96 Resp: 141566
 Ion Ratio Lower Upper
 96 100
 61 182.1 131.5 244.3
 63 137.9 111.4 206.8





#13

Acetone

Concen: 74.732 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

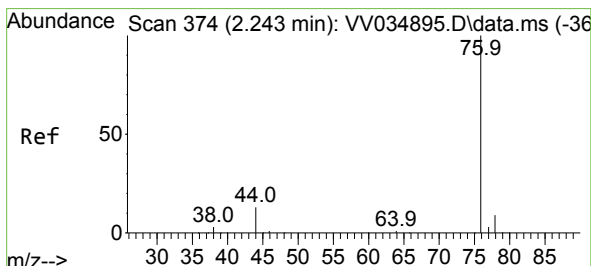
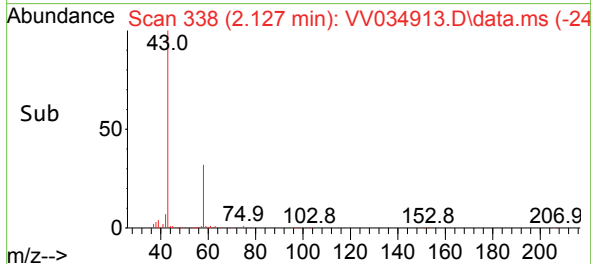
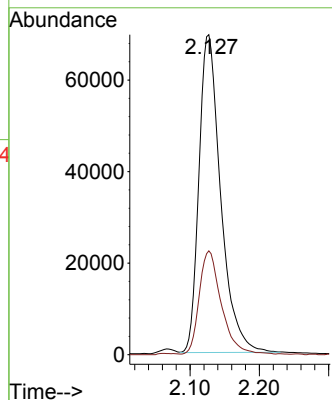
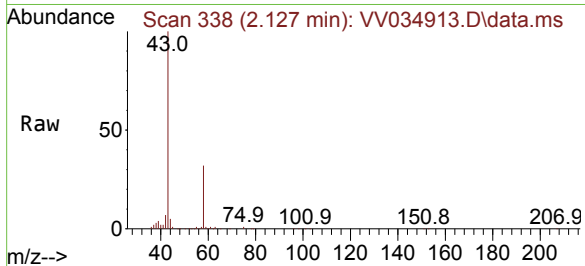
VSTD050312

Tgt Ion: 43 Resp: 151466

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.0



#14

Carbon disulfide

Concen: 42.628 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034913.D

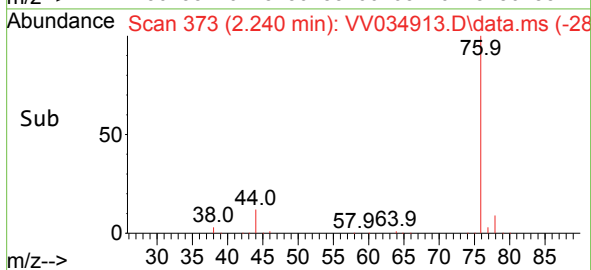
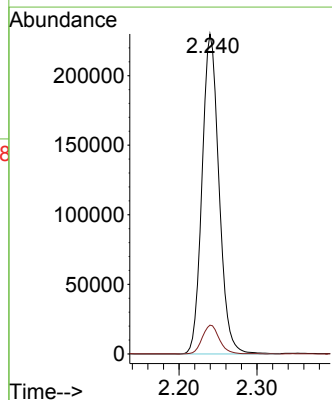
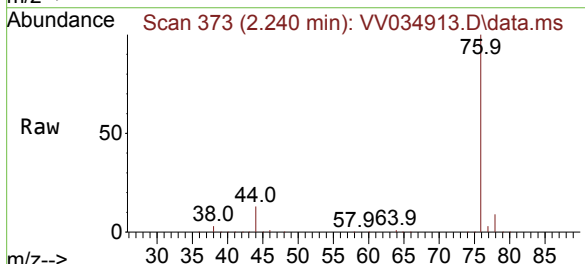
Acq: 01 Apr 2024 08:48

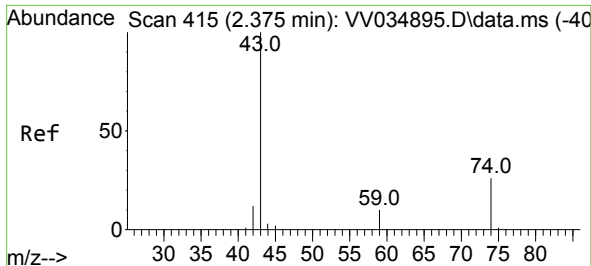
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Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

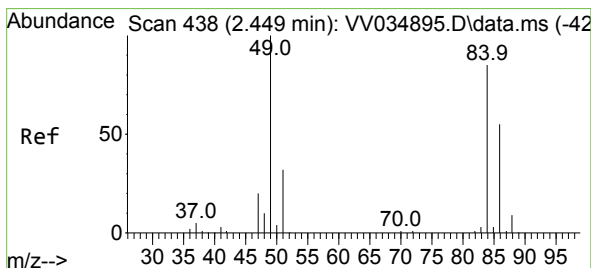
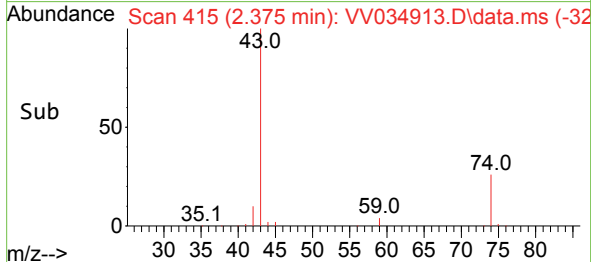
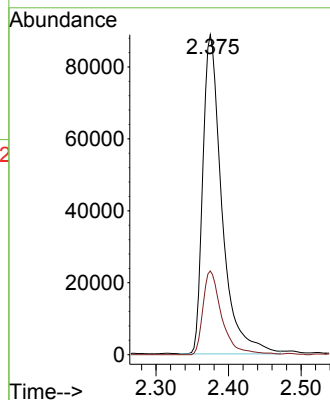
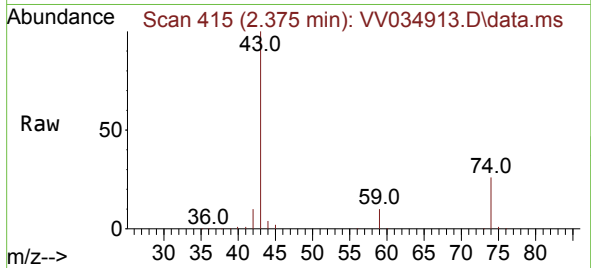




#15
Methyl Acetate
Concen: 50.821 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

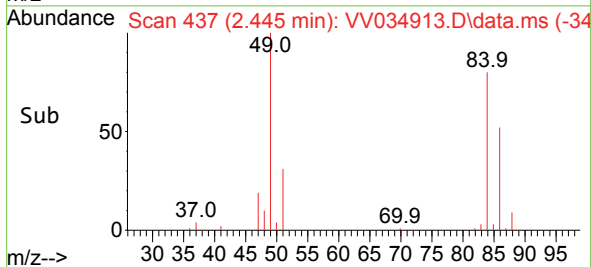
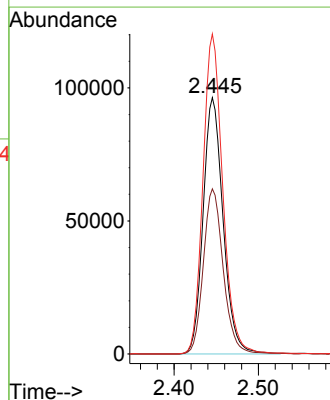
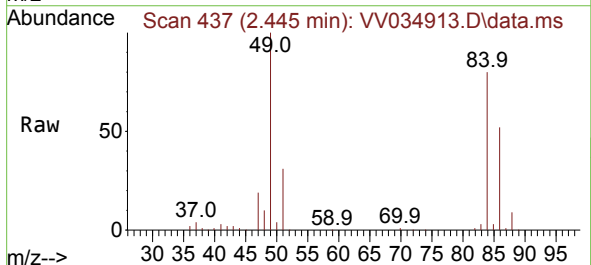
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

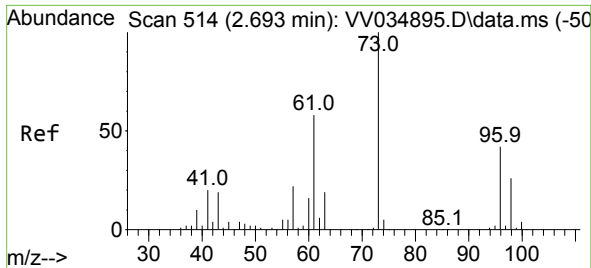
Tgt Ion: 43 Resp: 162319
Ion Ratio Lower Upper
43 100
74 25.7 19.8 29.8



#16
Methylene chloride
Concen: 50.834 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion: 84 Resp: 159330
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 124.9 86.9 161.3

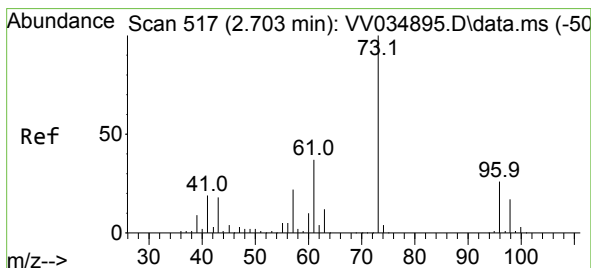
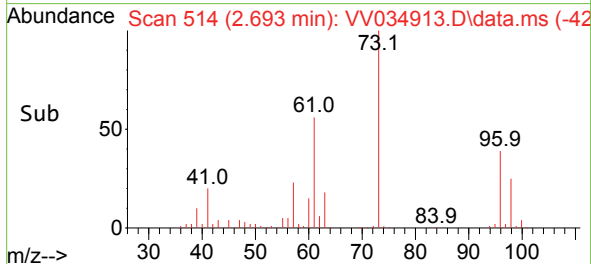
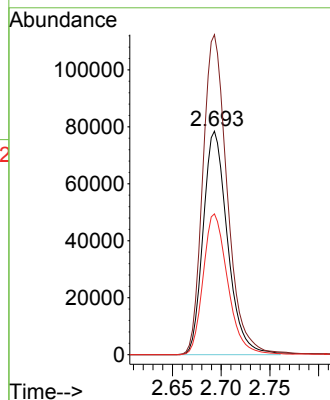
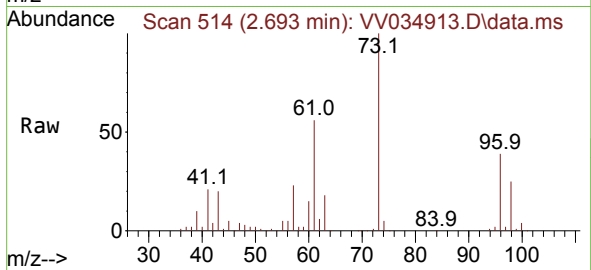




#17
trans-1,2-Dichloroethene
Concen: 48.786 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

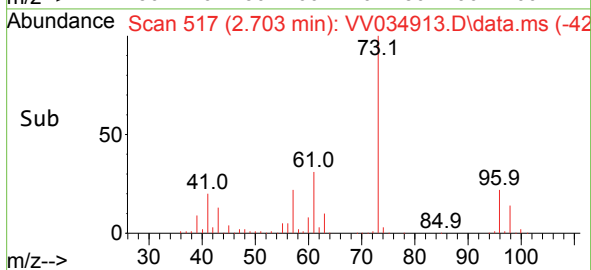
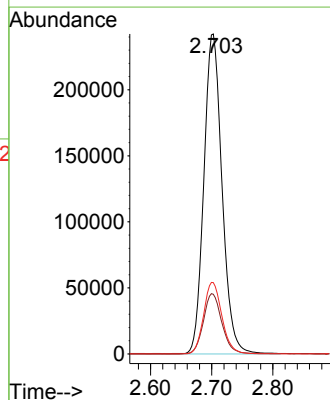
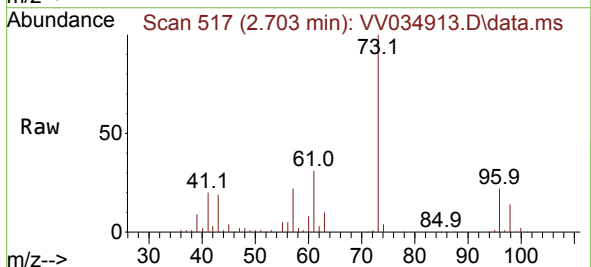
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

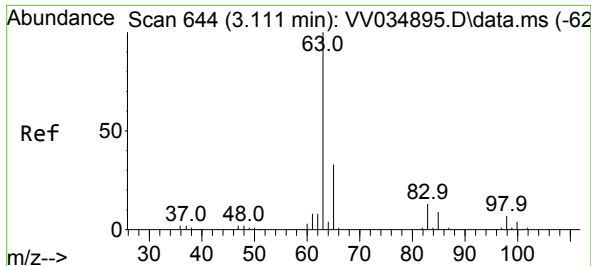
Tgt Ion: 96 Resp: 136440
Ion Ratio Lower Upper
96 100
61 143.2 99.0 183.8
98 63.0 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 50.998 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion: 73 Resp: 500968
Ion Ratio Lower Upper
73 100
43 18.7 14.6 21.8
57 22.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 52.525 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD050312

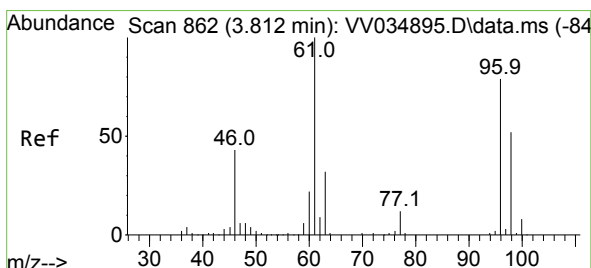
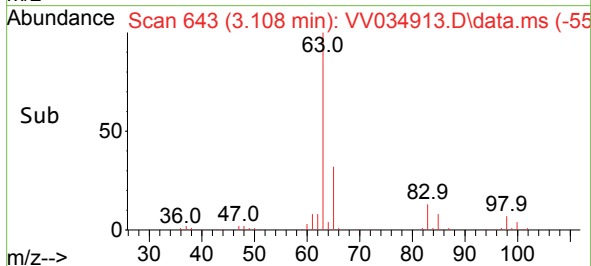
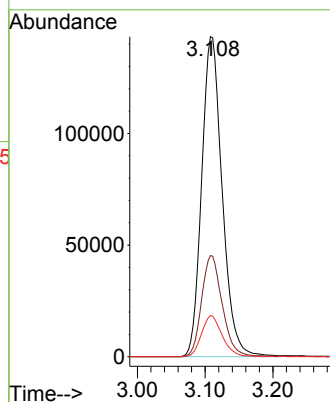
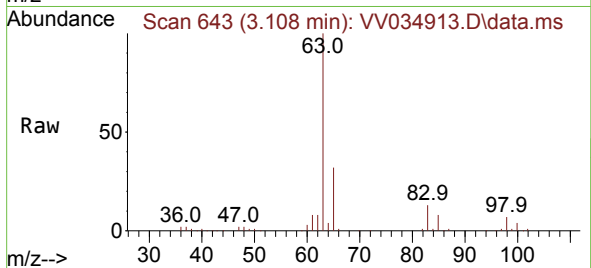
Tgt Ion: 63 Resp: 301239

Ion Ratio Lower Upper

63 100

65 31.6 23.0 42.6

83 12.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 50.995 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

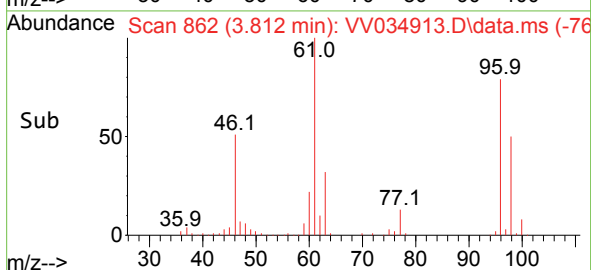
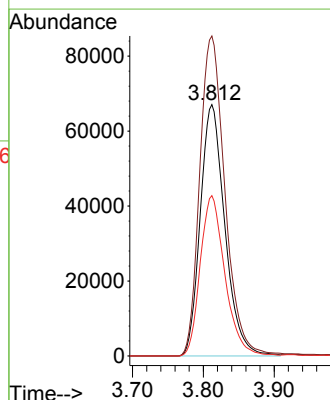
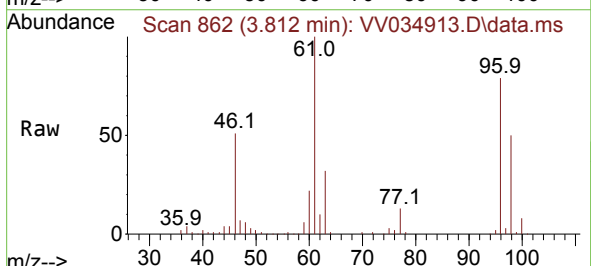
Tgt Ion: 96 Resp: 161950

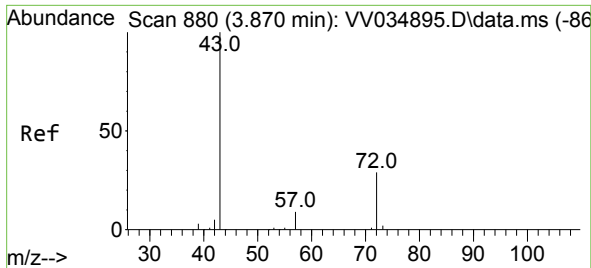
Ion Ratio Lower Upper

96 100

61 127.3 94.9 176.3

98 63.8 45.6 84.8

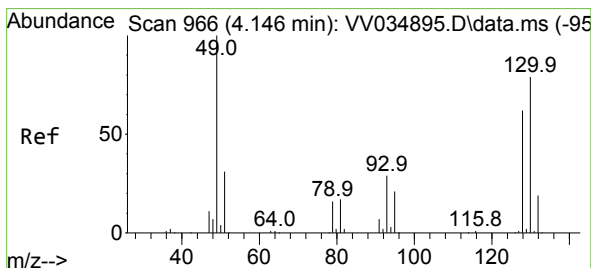
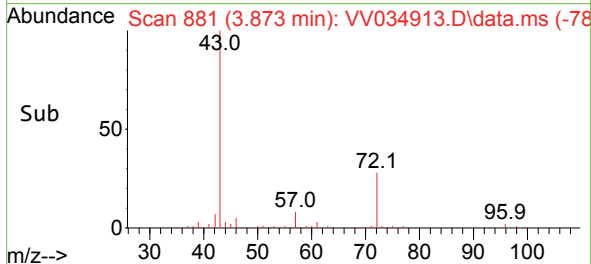
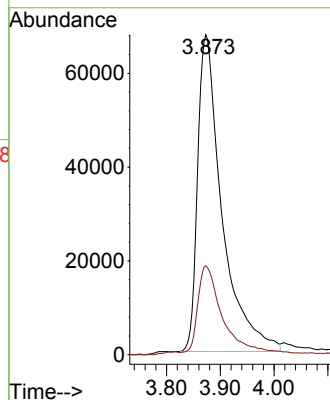
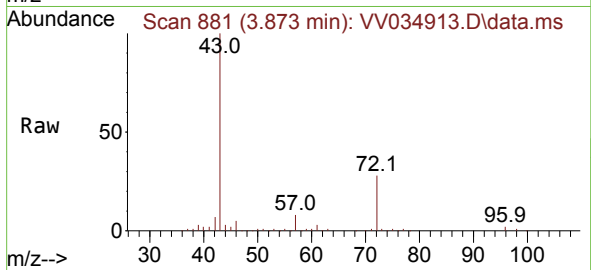




#22
2-Butanone
Concen: 90.422 ug/L
RT: 3.873 min Scan# 880
Delta R.T. 0.006 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

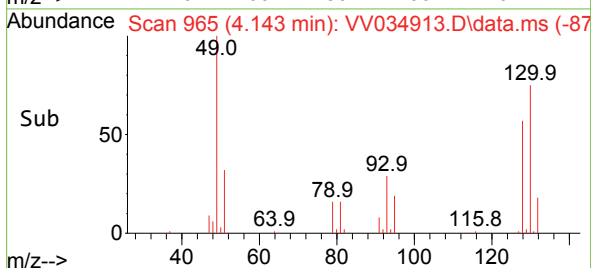
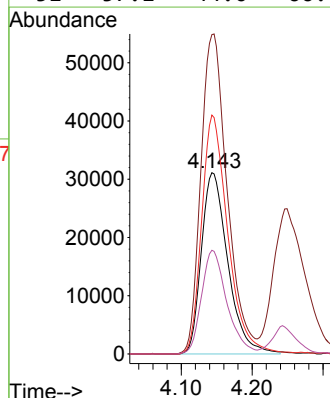
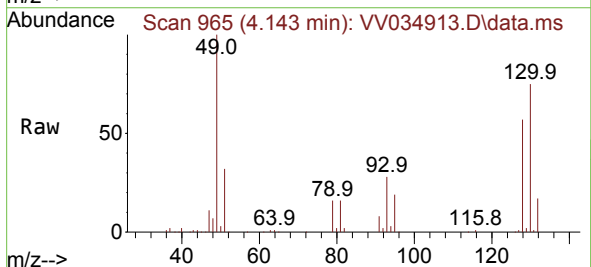
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

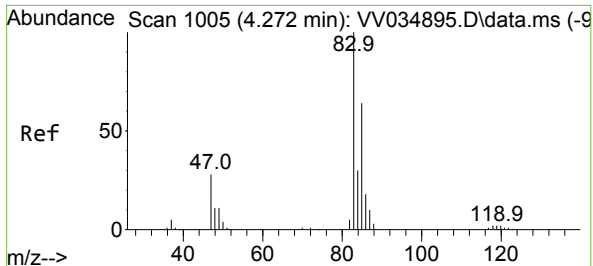
Tgt Ion: 43 Resp: 212661
Ion Ratio Lower Upper
43 100
72 26.0 13.2 39.6



#23
Bromochloromethane
Concen: 50.802 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion: 128 Resp: 80720
Ion Ratio Lower Upper
128 100
49 176.2 123.8 229.8
130 131.7 93.2 173.0
51 57.1 44.0 66.0

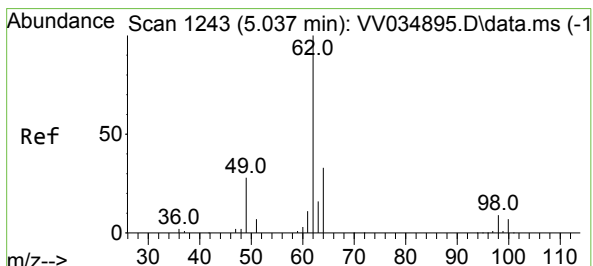
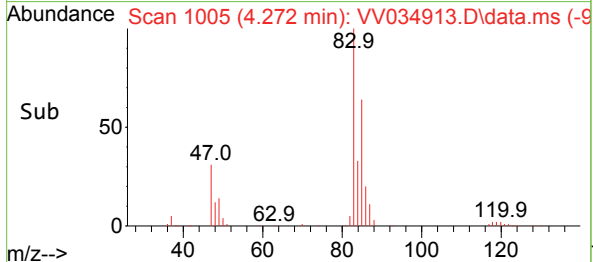
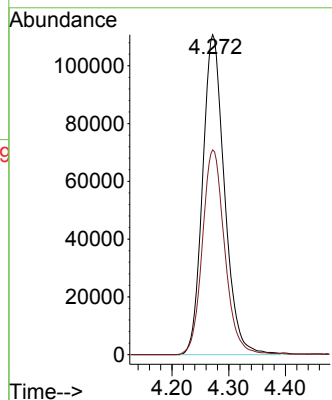
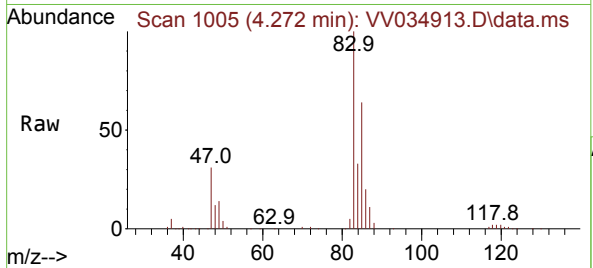




#25
Chloroform
Concen: 52.410 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

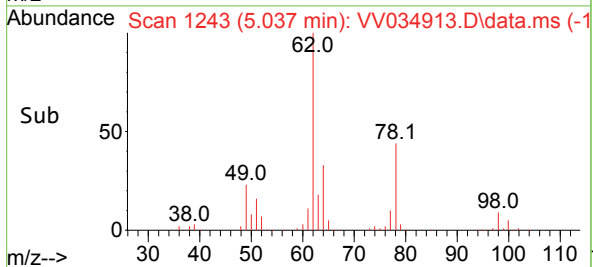
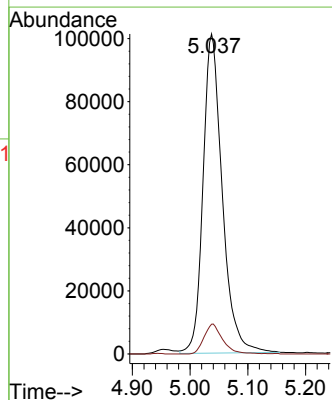
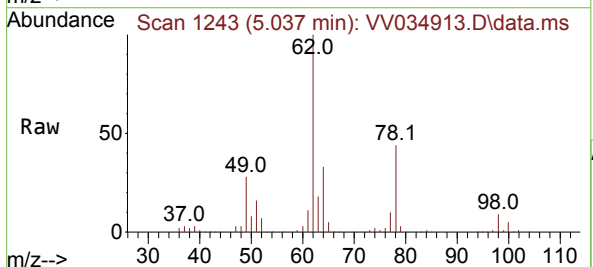
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

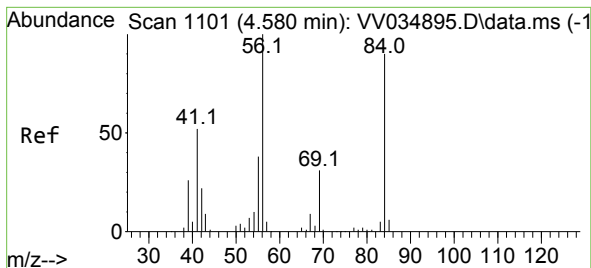
Tgt Ion: 83 Resp: 297174
Ion Ratio Lower Upper
83 100
85 64.0 46.0 85.4



#27
1,2-Dichloroethane
Concen: 51.844 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion: 62 Resp: 234051
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8





#29

Cyclohexane

Concen: 48.401 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD050312

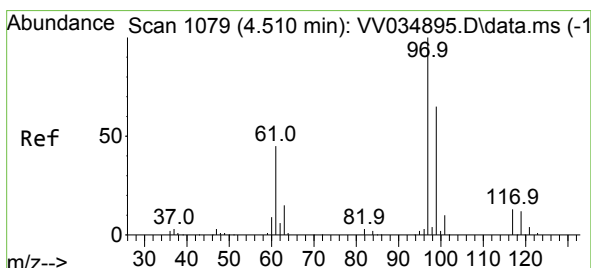
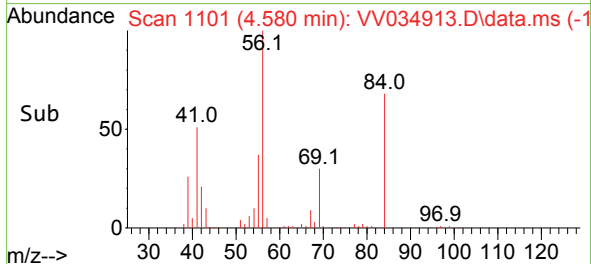
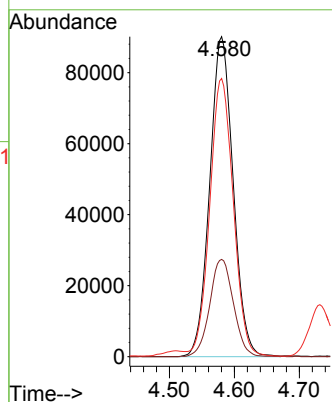
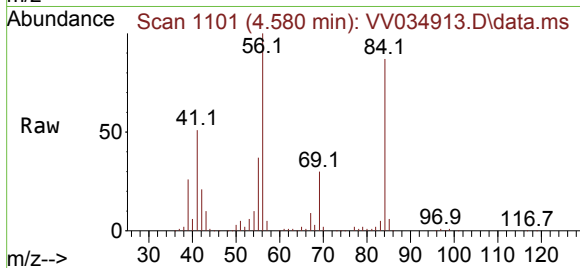
Tgt Ion: 56 Resp: 226148

Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 86.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 51.015 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

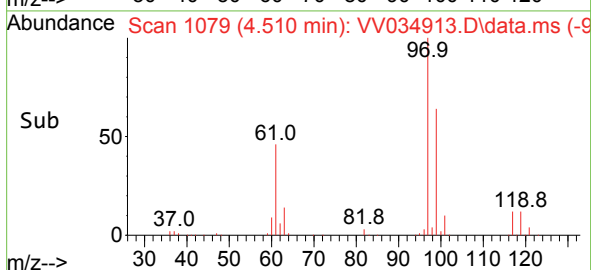
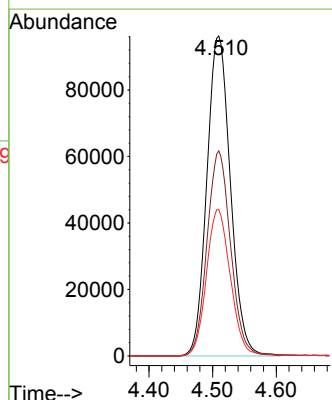
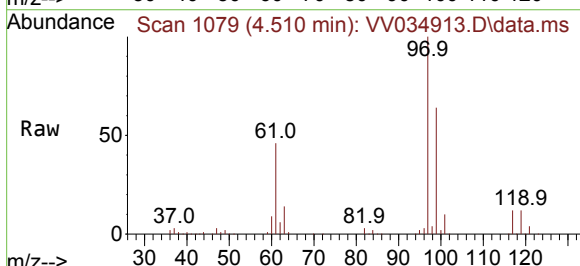
Tgt Ion: 97 Resp: 248069

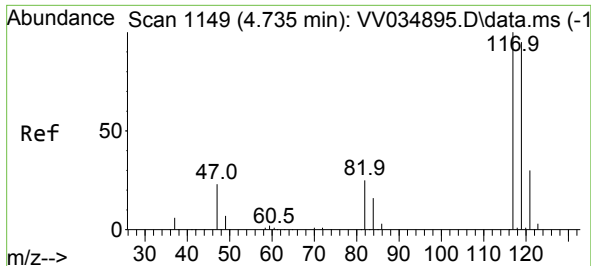
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 46.2 36.8 55.2

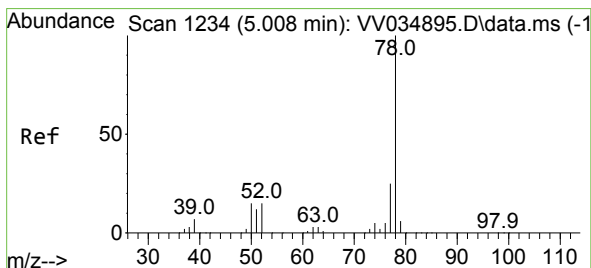
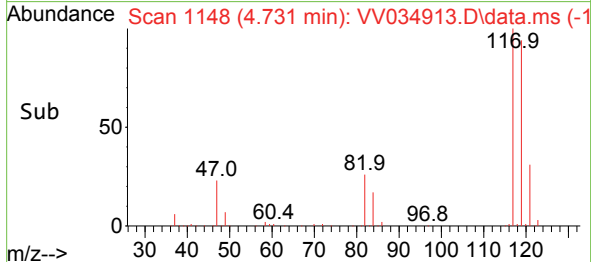
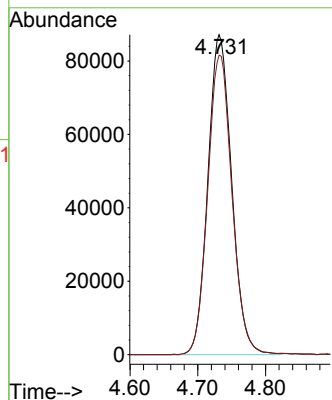
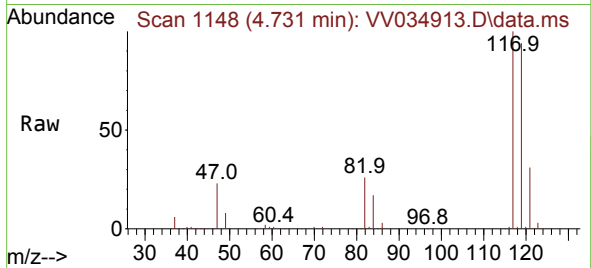




#31
Carbon tetrachloride
Concen: 51.504 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

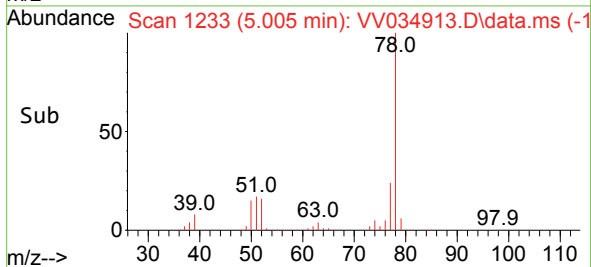
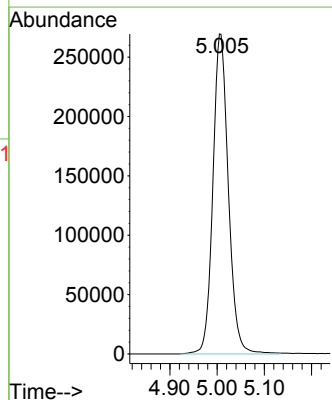
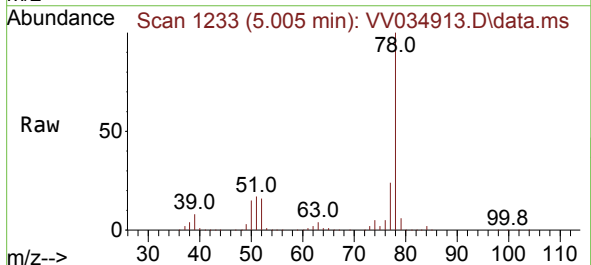
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

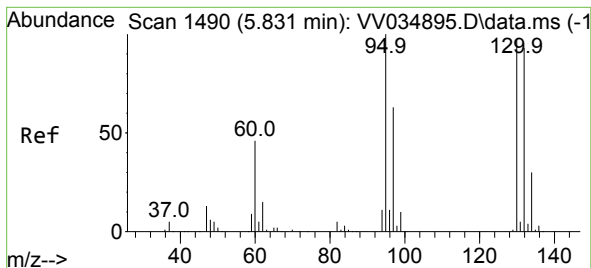
Tgt Ion:117 Resp: 212277
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7



#33
Benzene
Concen: 50.364 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion: 78 Resp: 612662





#34

Trichloroethene

Concen: 49.109 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD050312

Tgt Ion: 95 Resp: 161224

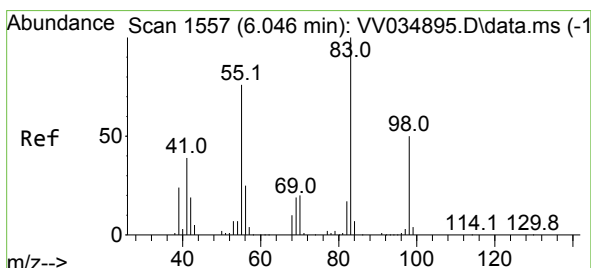
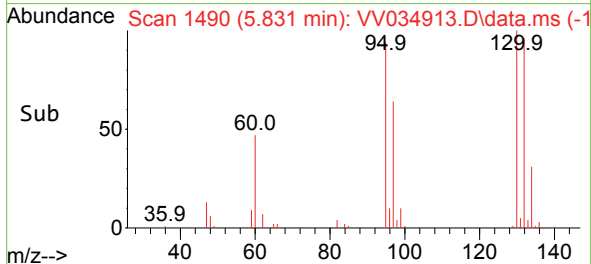
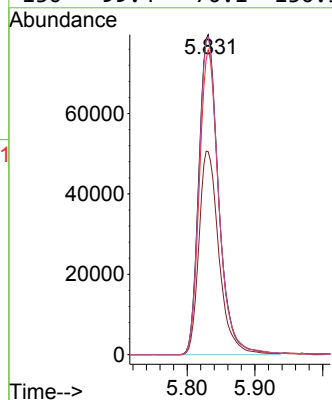
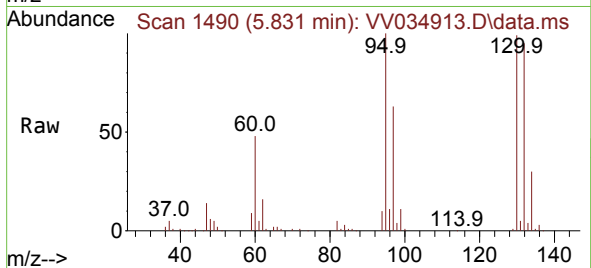
Ion Ratio Lower Upper

95 100

97 63.4 45.3 84.1

132 95.2 65.3 121.3

130 99.4 70.1 130.3



#35

Methylcyclohexane

Concen: 45.984 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

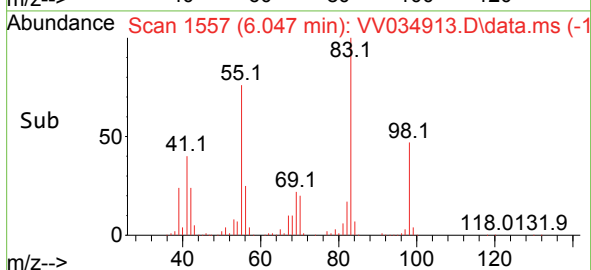
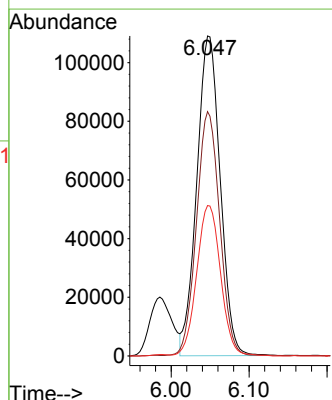
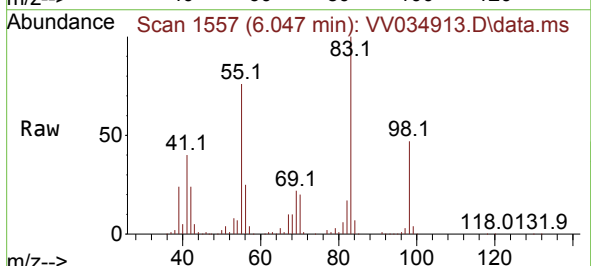
Tgt Ion: 83 Resp: 227988

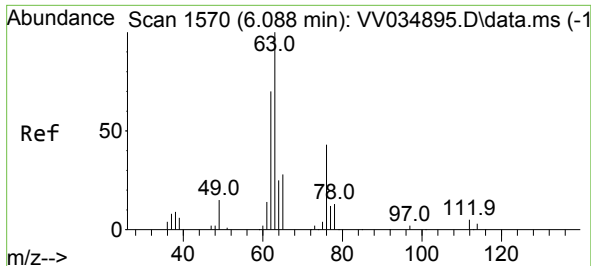
Ion Ratio Lower Upper

83 100

55 75.5 60.0 90.0

98 48.0 37.6 56.4





#37

1,2-Dichloropropane

Concen: 52.834 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

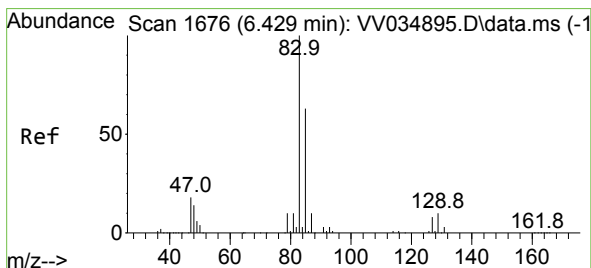
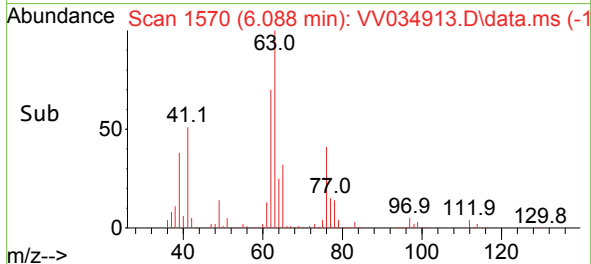
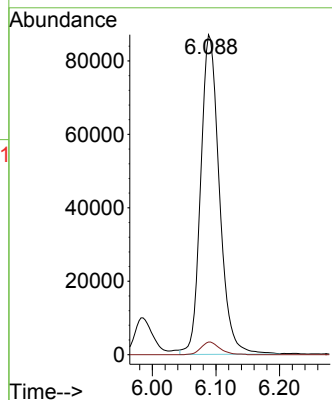
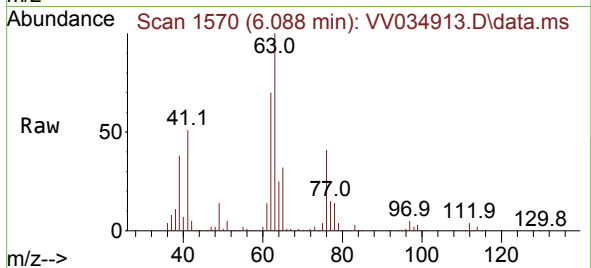
VSTD050312

Tgt Ion: 63 Resp: 177614

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 51.891 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

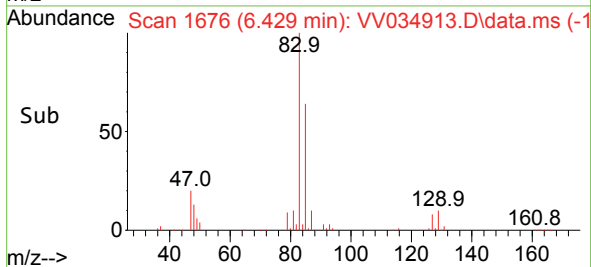
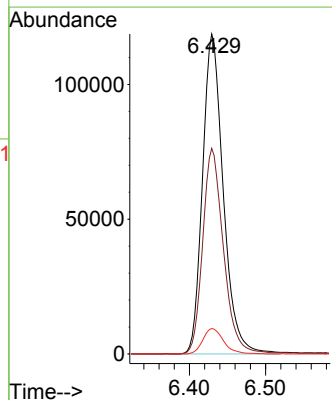
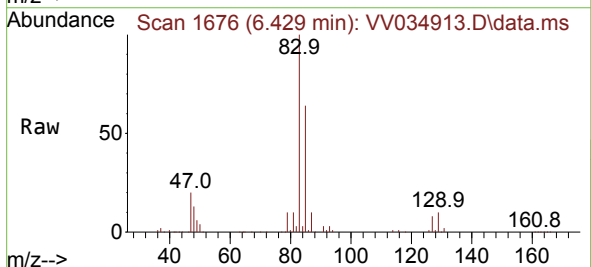
Tgt Ion: 83 Resp: 225073

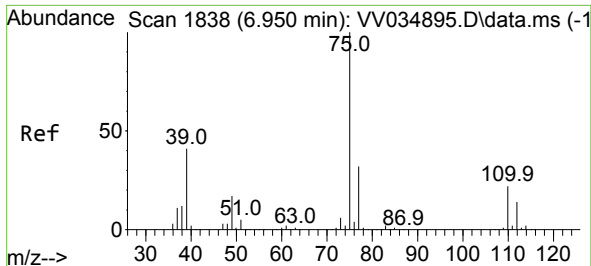
Ion Ratio Lower Upper

83 100

85 64.3 43.7 81.1

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 39.985 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

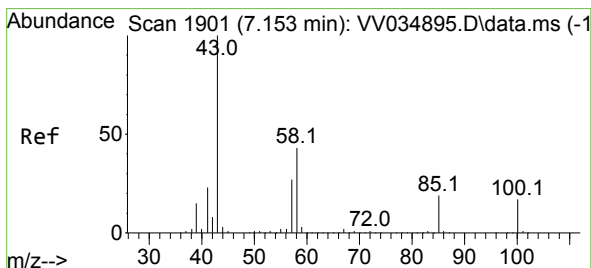
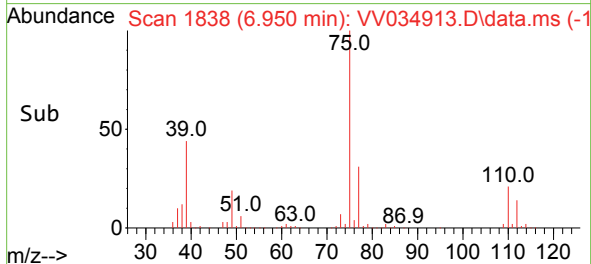
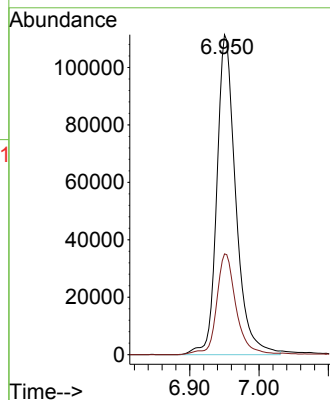
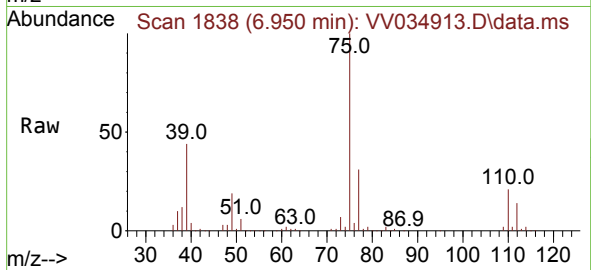
VSTD050312

Tgt Ion: 75 Resp: 211752

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 105.677 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

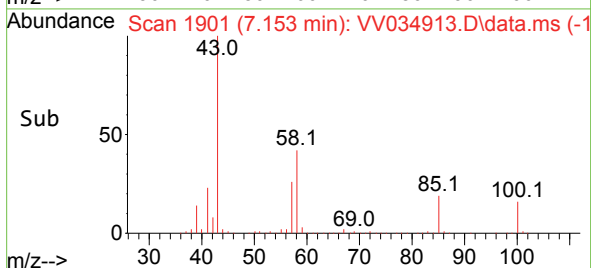
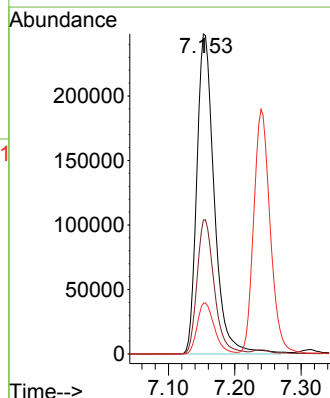
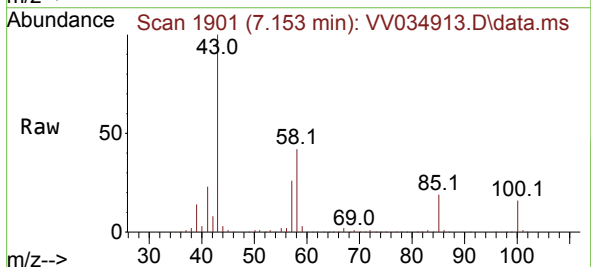
Tgt Ion: 43 Resp: 453581

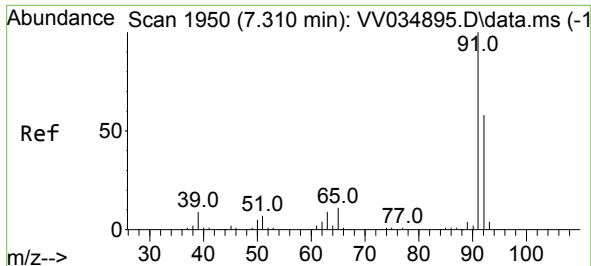
Ion Ratio Lower Upper

43 100

58 41.4 33.8 50.8

100 15.6 13.0 19.4





#42

Toluene

Concen: 51.045 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

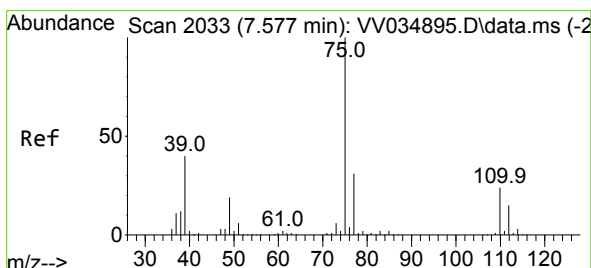
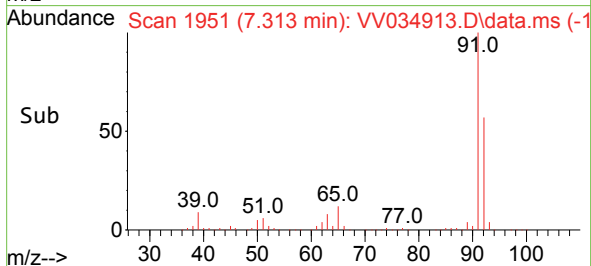
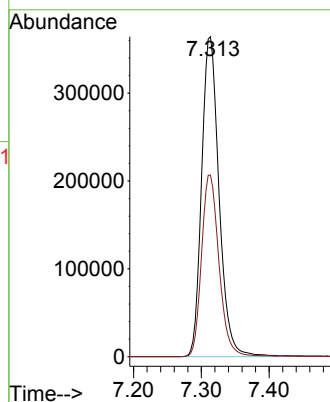
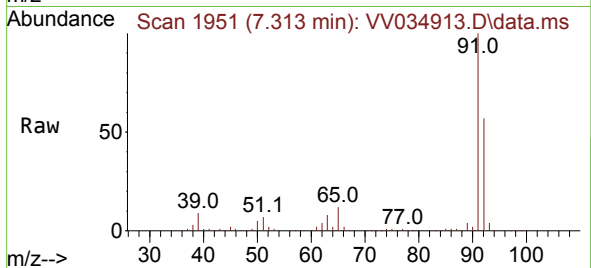
VSTD050312

Tgt Ion: 91 Resp: 650084

Ion Ratio Lower Upper

91 100

92 56.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 41.109 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV034913.D

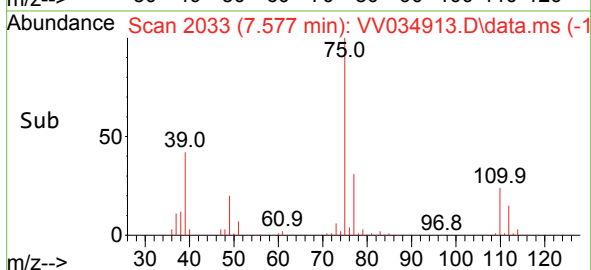
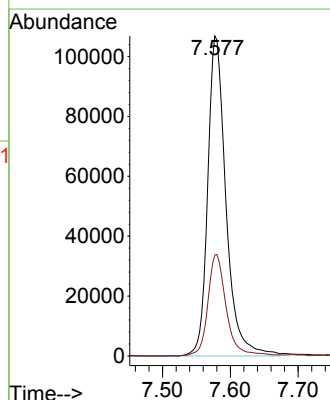
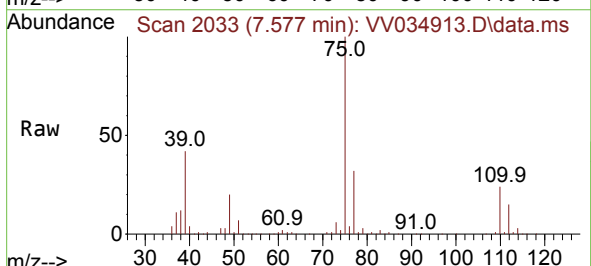
Acq: 01 Apr 2024 08:48

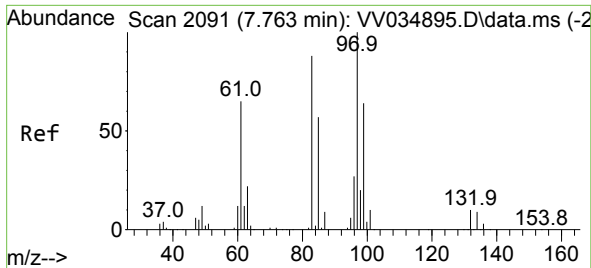
Tgt Ion: 75 Resp: 200008

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3

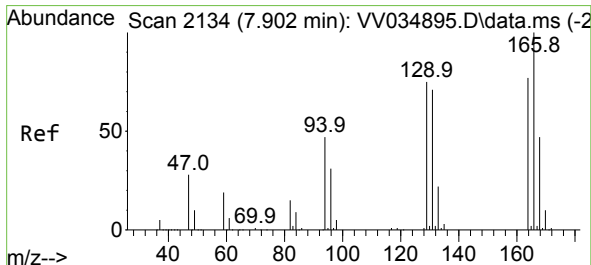
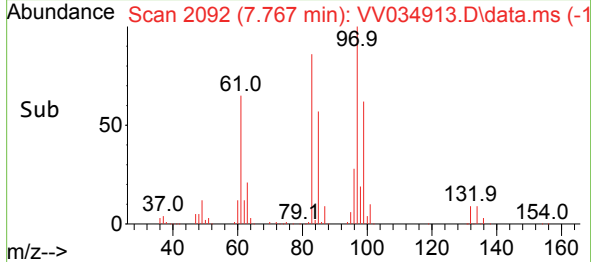
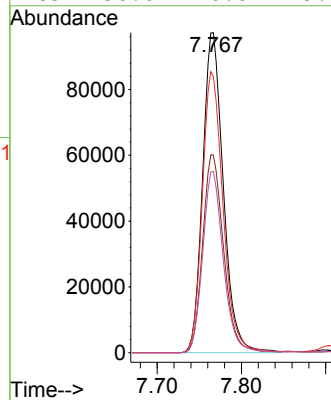
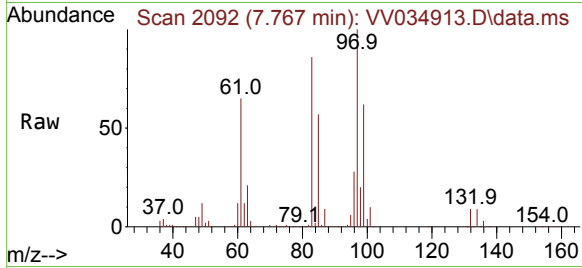




#45
1,1,2-Trichloroethane
Concen: 52.454 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

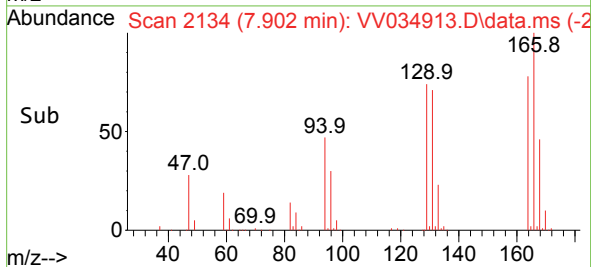
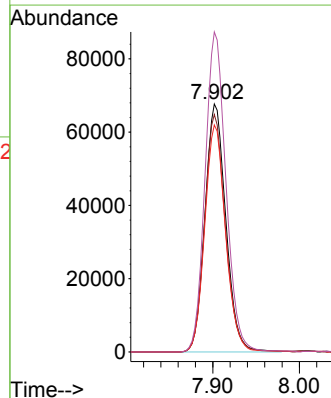
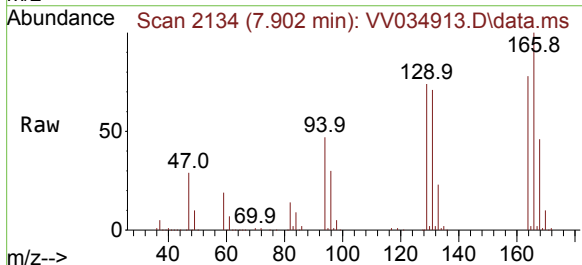
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

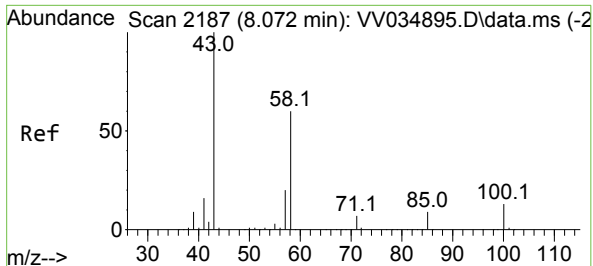
Tgt Ion: 97	Resp: 166203
Ion Ratio	Lower Upper
97 100	
99 61.8	43.3 80.3
83 86.4	61.6 114.4
85 56.6	40.6 75.4



#46
Tetrachloroethene
Concen: 49.521 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt	Ion:164	Resp:	113580
Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.6	127.4
131	91.5	65.7	122.1
166	129.0	89.0	165.2





#48

2-Hexanone

Concen: 97.924 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD050312

Tgt Ion: 43 Resp: 357473

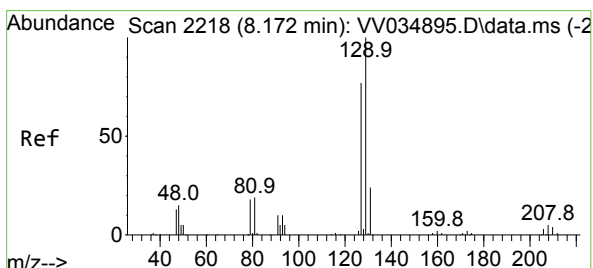
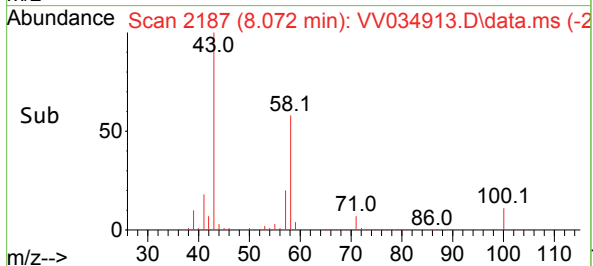
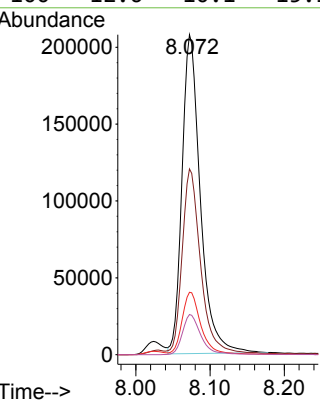
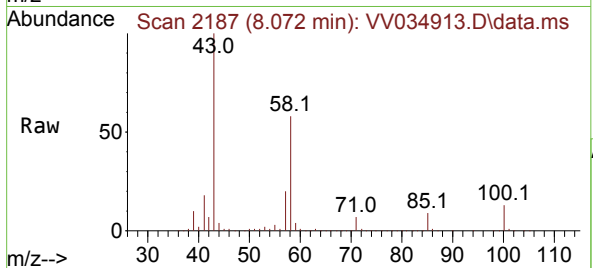
Ion Ratio Lower Upper

43 100

58 59.3 45.4 68.2

57 20.3 16.2 24.4

100 12.6 10.1 15.1



#49

Dibromochloromethane

Concen: 53.355 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.003 min

Lab File: VV034913.D

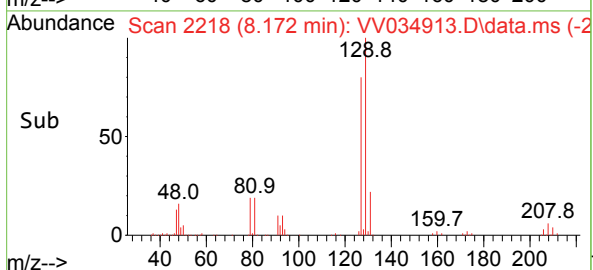
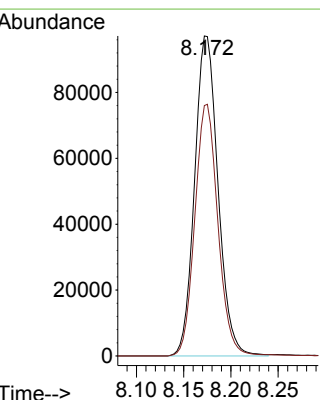
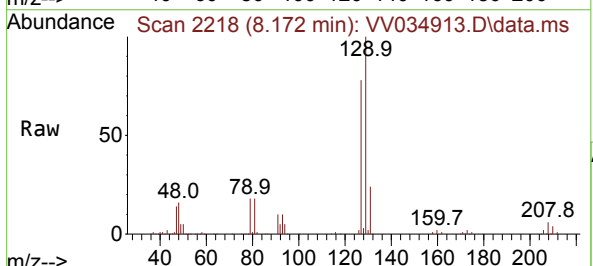
Acq: 01 Apr 2024 08:48

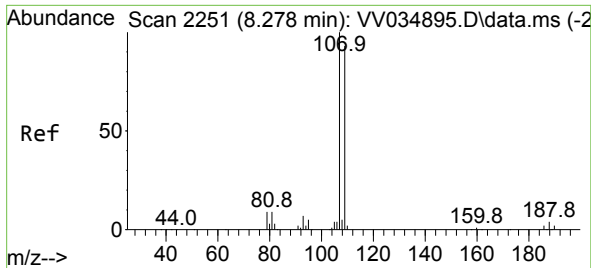
Tgt Ion: 129 Resp: 167442

Ion Ratio Lower Upper

129 100

127 78.3 54.1 100.5

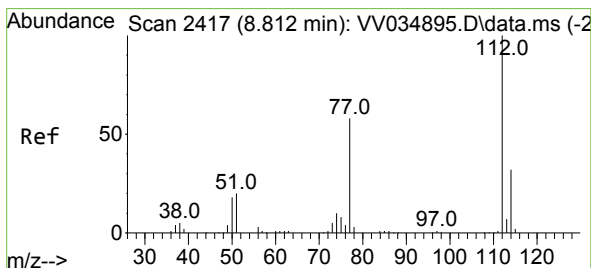
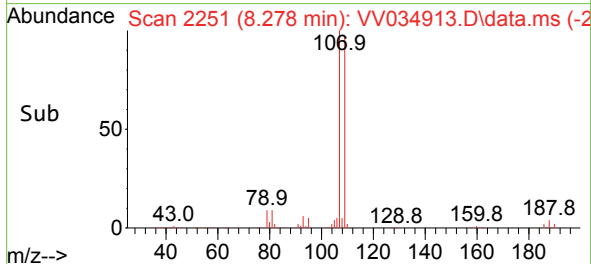
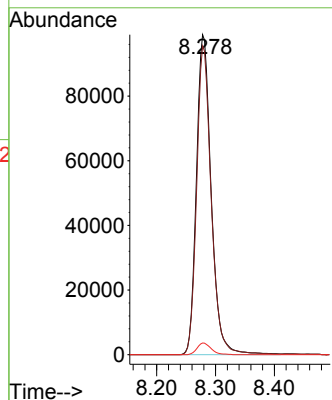
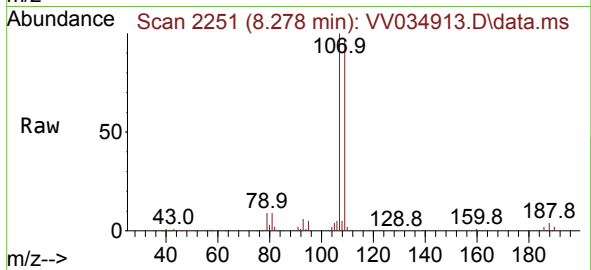




#50
 1,2-Dibromoethane
 Concen: 50.699 ug/L
 RT: 8.278 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV034913.D
 Acq: 01 Apr 2024 08:48

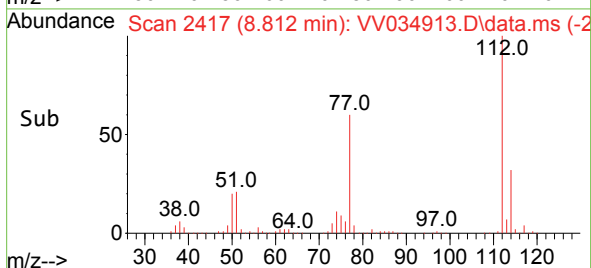
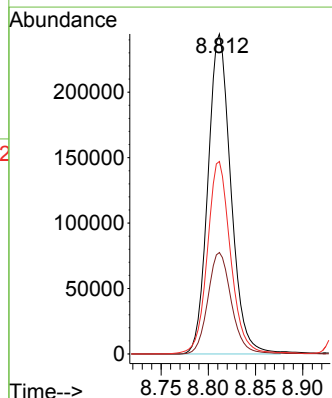
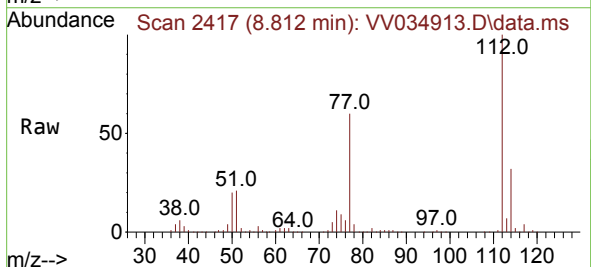
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050312

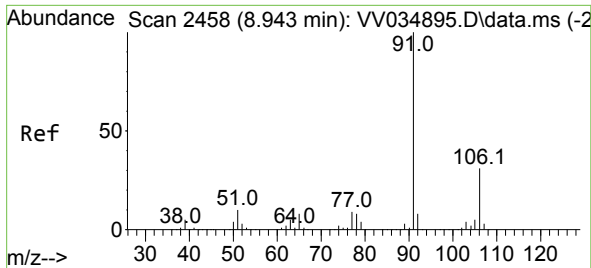
Tgt Ion:107 Resp: 172951
 Ion Ratio Lower Upper
 107 100
 109 96.5 64.5 119.9
 188 3.7 2.8 4.2



#51
 Chlorobenzene
 Concen: 49.921 ug/L
 RT: 8.812 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: VV034913.D
 Acq: 01 Apr 2024 08:48

Tgt Ion:112 Resp: 412060
 Ion Ratio Lower Upper
 112 100
 114 31.7 22.0 41.0
 77 60.1 47.4 71.2

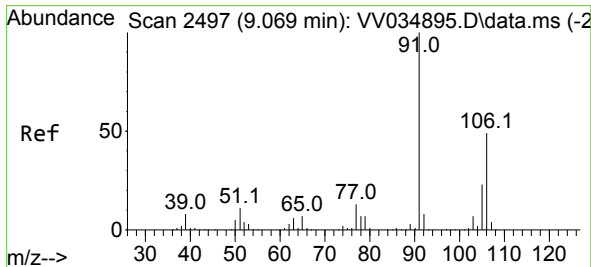
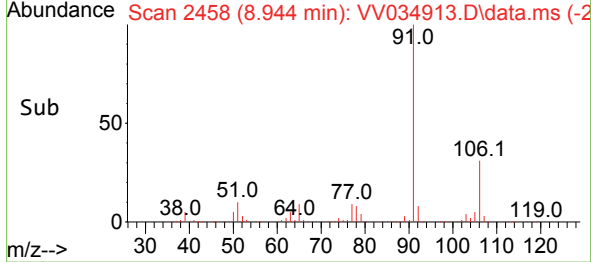
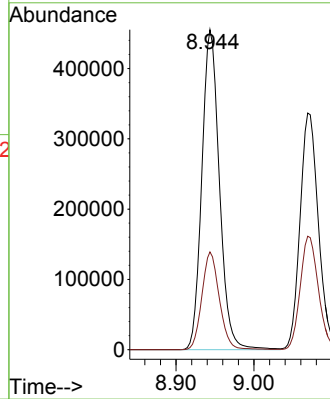
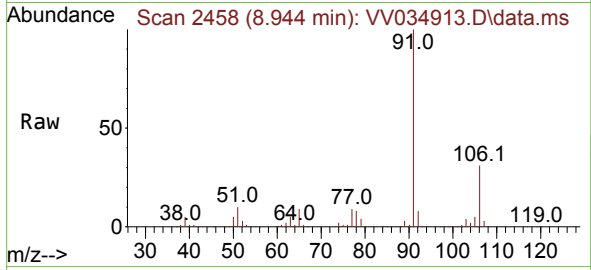




#52
Ethylbenzene
Concen: 50.480 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

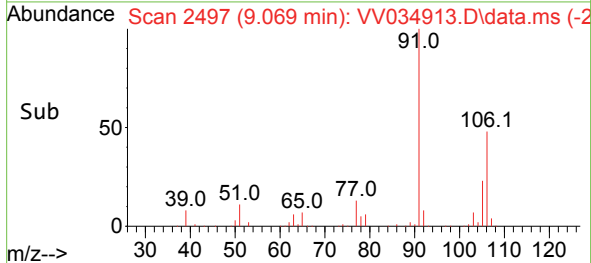
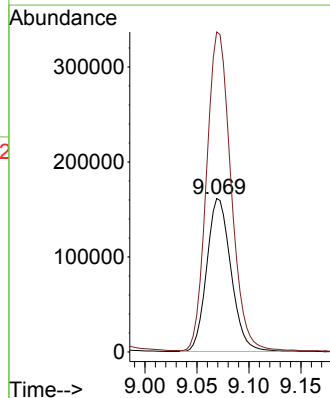
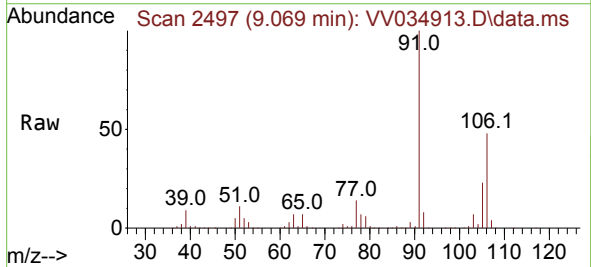
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

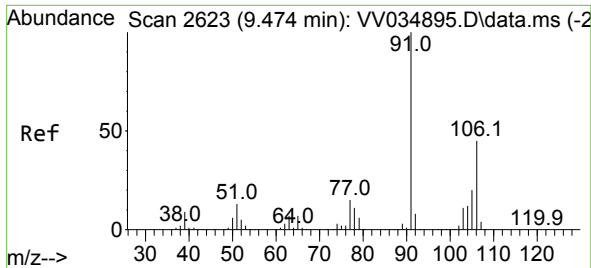
Tgt Ion: 91 Resp: 712502
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 50.227 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion: 106 Resp: 261077
Ion Ratio Lower Upper
106 100
91 208.5 144.8 269.0

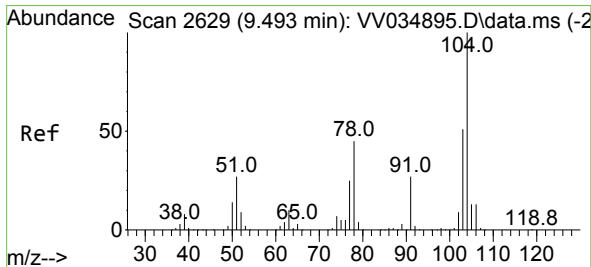
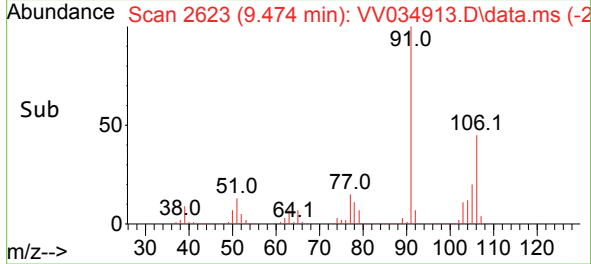
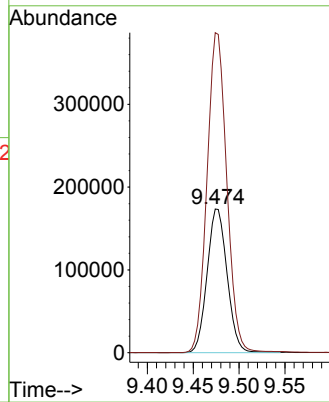
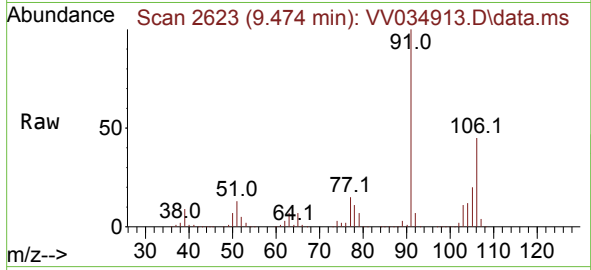




#54
o-Xylene
Concen: 51.214 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

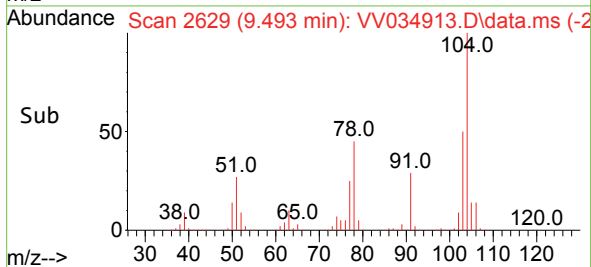
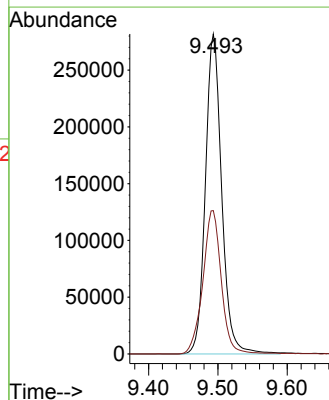
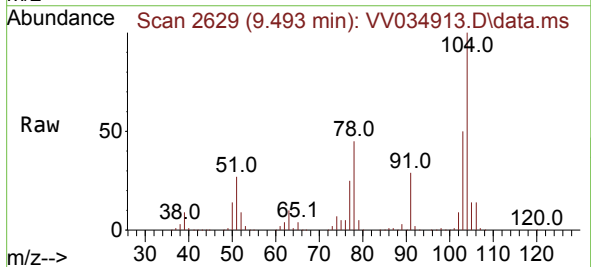
Instrument : MSVOA_V
ClientSampleId : VSTD050312

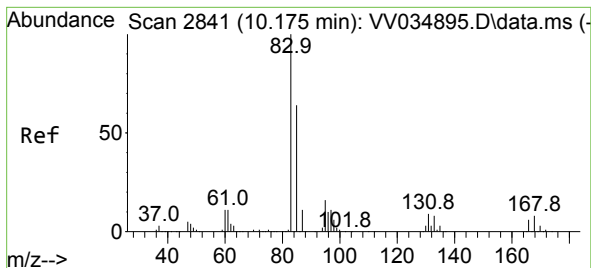
Tgt Ion:106 Resp: 263394
Ion Ratio Lower Upper
106 100
91 222.7 151.3 280.9



#55
Styrene
Concen: 52.853 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion:104 Resp: 459354
Ion Ratio Lower Upper
104 100
78 44.8 31.5 58.5

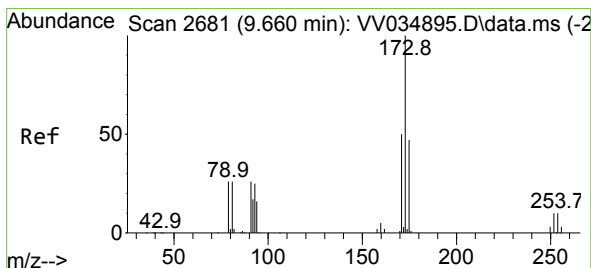
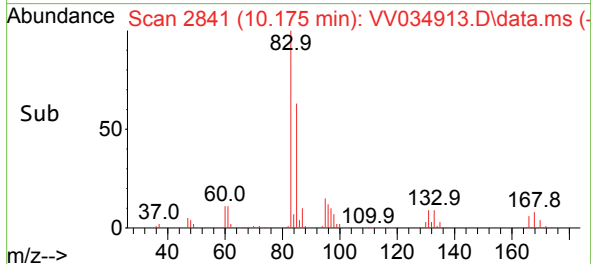
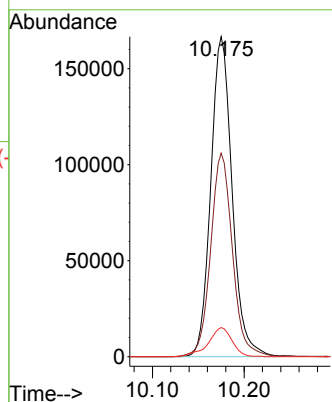
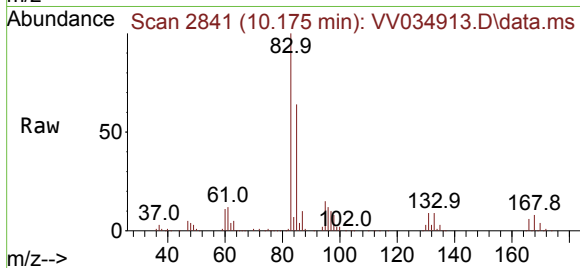




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.493 ug/L
 RT: 10.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034913.D
 Acq: 01 Apr 2024 08:48

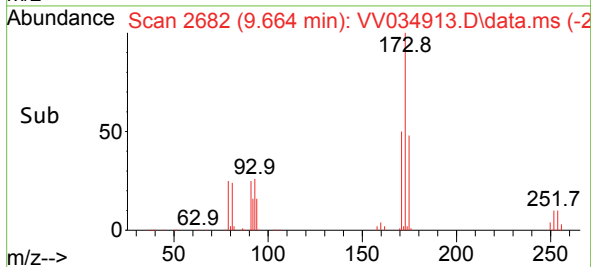
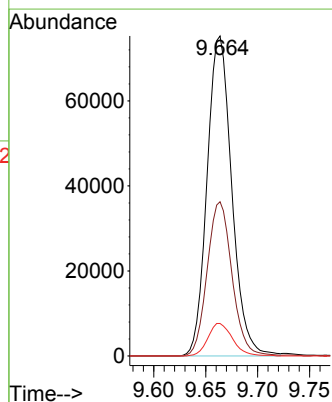
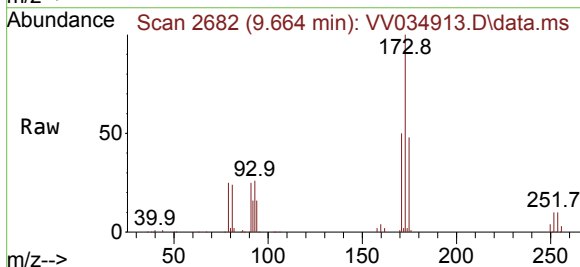
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050312

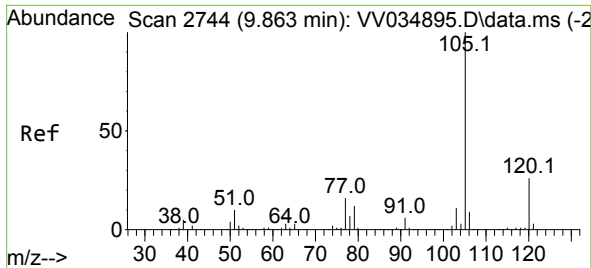
Tgt Ion: 83 Resp: 269488
 Ion Ratio Lower Upper
 83 100
 85 63.6 44.5 82.7
 131 9.1 6.9 10.3



#59
 Bromoform
 Concen: 57.004 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV034913.D
 Acq: 01 Apr 2024 08:48

Tgt Ion: 173 Resp: 124721
 Ion Ratio Lower Upper
 173 100
 175 48.3 39.3 58.9
 254 10.1 7.5 11.3

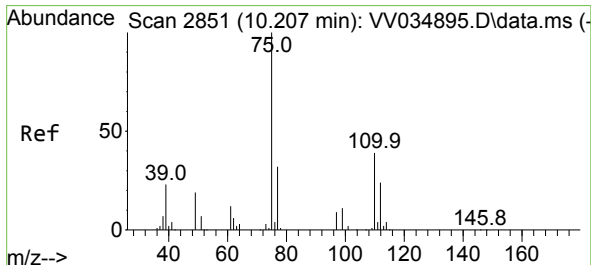
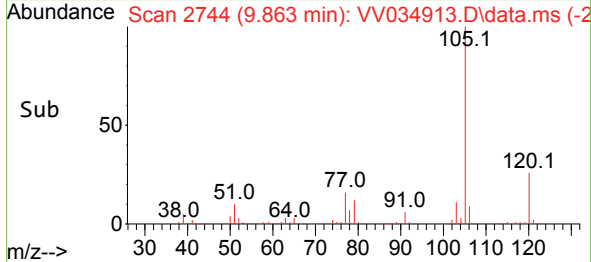
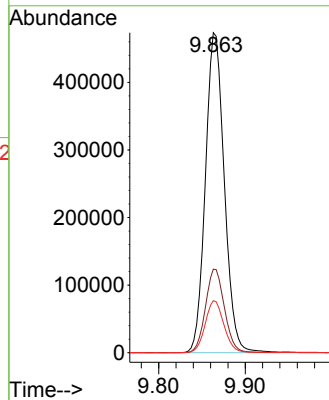
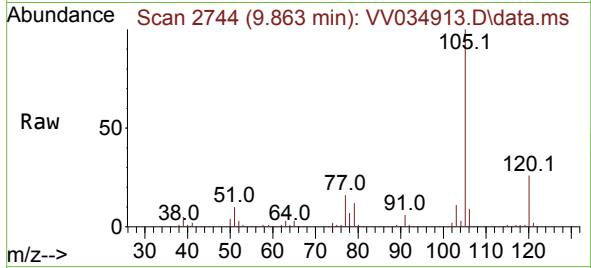




#60
Isopropylbenzene
Concen: 52.206 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

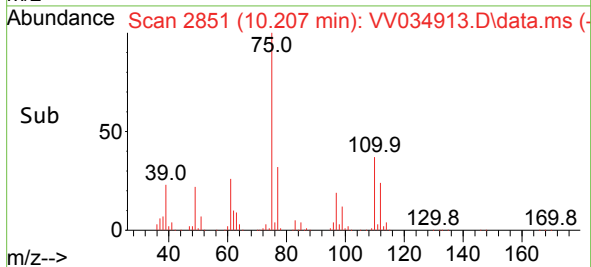
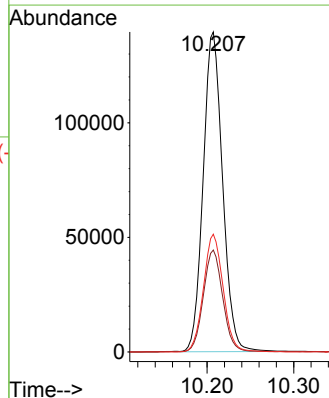
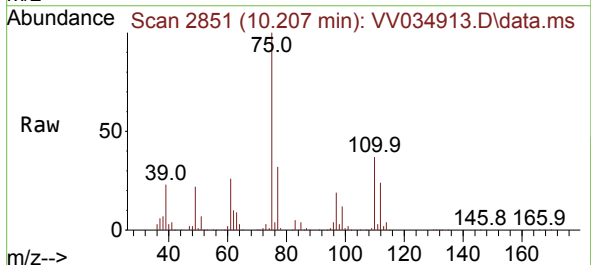
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

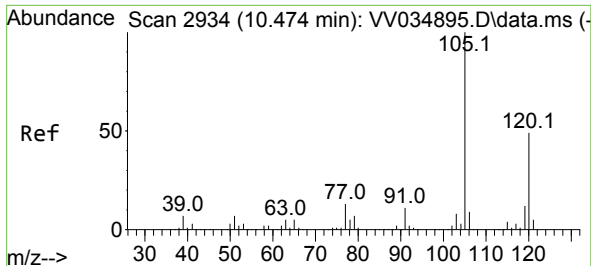
Tgt Ion:105 Resp: 718565
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 52.505 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion: 75 Resp: 217223
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 37.4 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 51.891 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

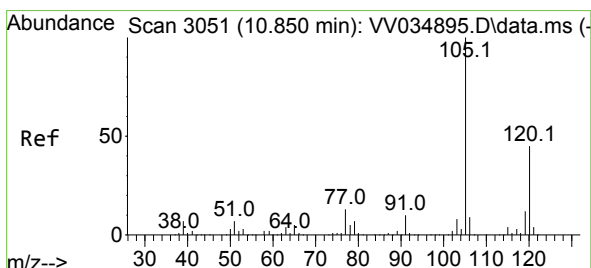
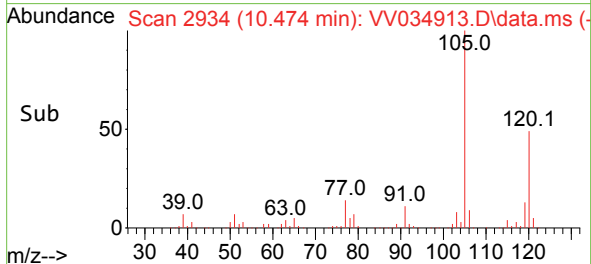
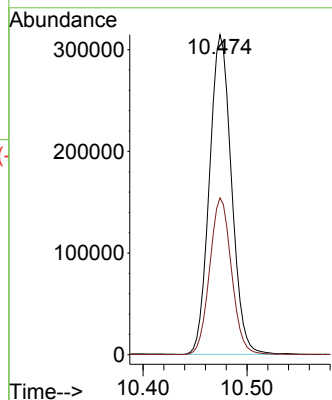
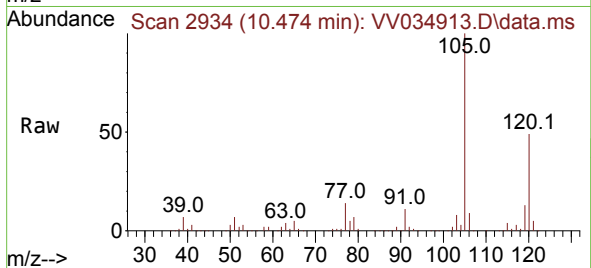
VSTD050312

Tgt Ion:105 Resp: 463855

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 52.116 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034913.D

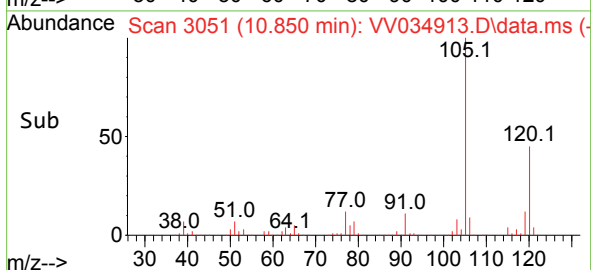
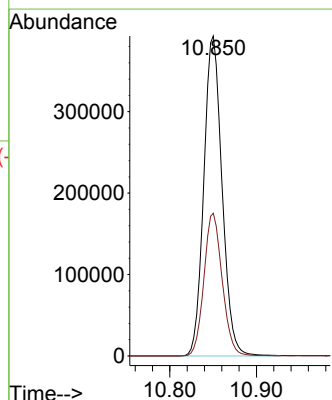
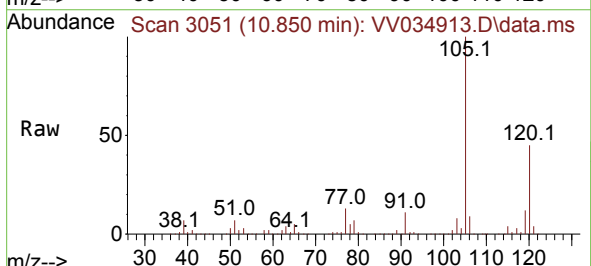
Acq: 01 Apr 2024 08:48

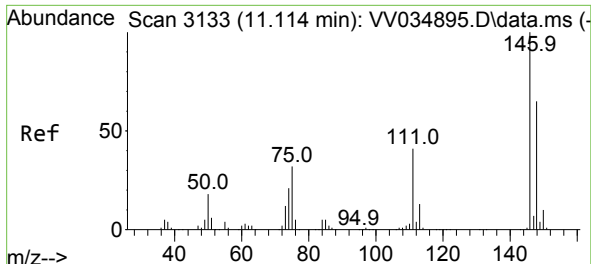
Tgt Ion:105 Resp: 575987

Ion Ratio Lower Upper

105 100

120 44.6 35.9 53.9

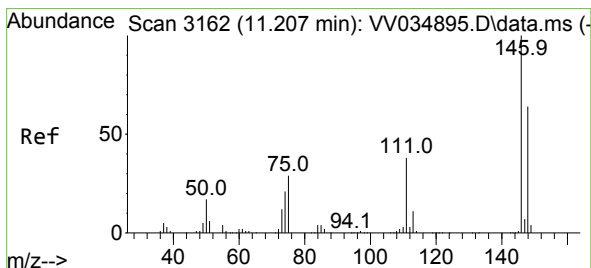
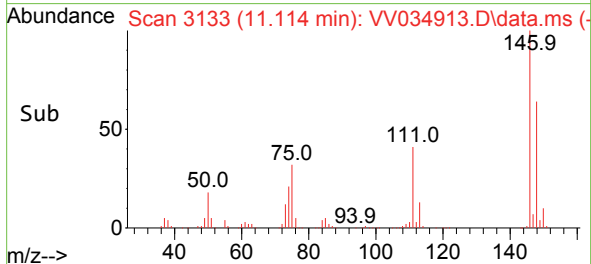
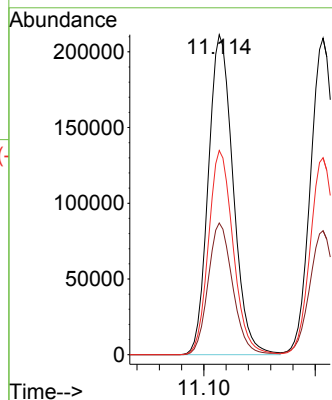
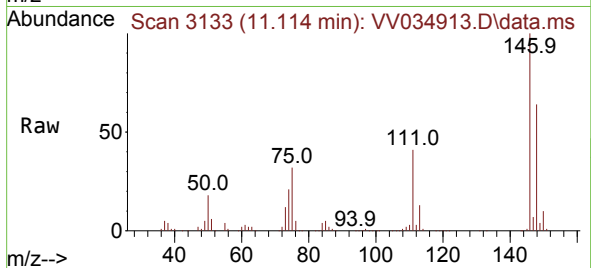




#64
1,3-Dichlorobenzene
Concen: 50.899 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

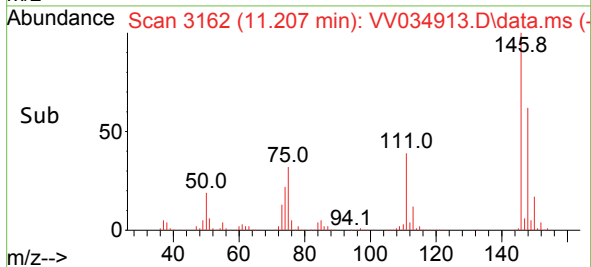
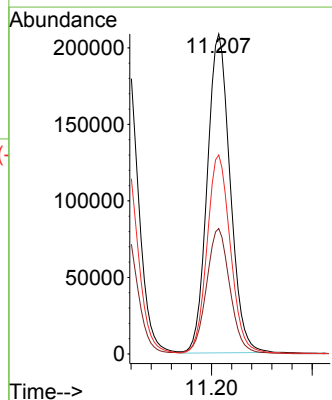
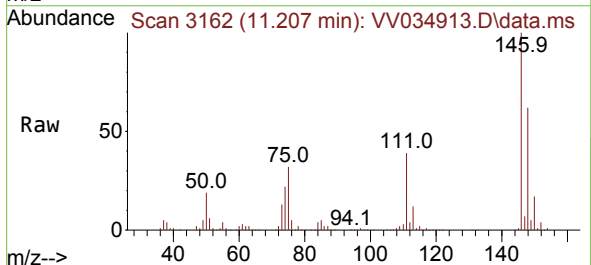
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

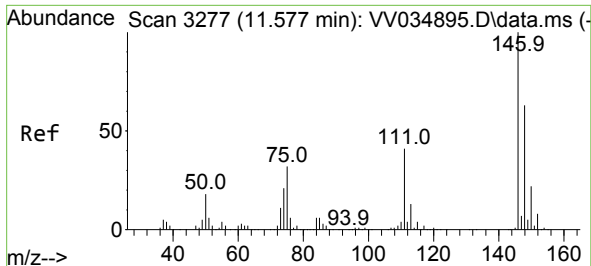
Tgt Ion:146 Resp: 327395
Ion Ratio Lower Upper
146 100
111 41.2 28.7 53.3
148 63.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 50.409 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion:146 Resp: 329731
Ion Ratio Lower Upper
146 100
111 39.2 27.4 50.8
148 62.2 44.2 82.2

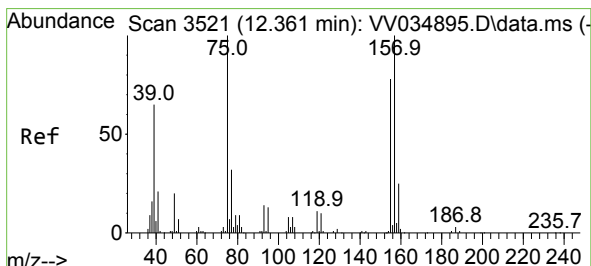
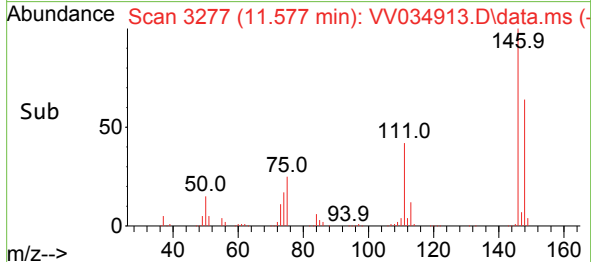
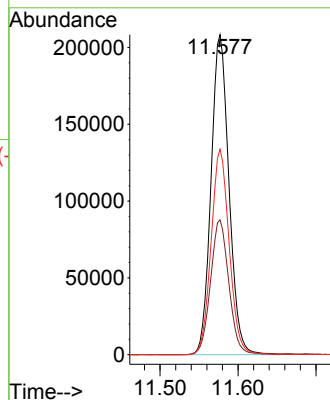
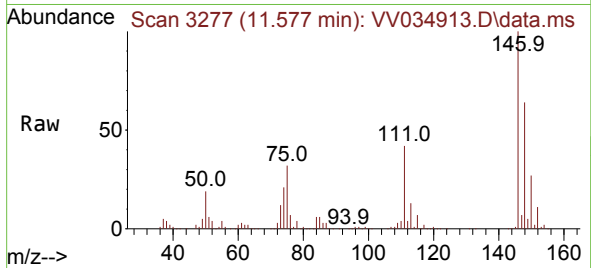




#67
1,2-Dichlorobenzene
Concen: 52.027 ug/L
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

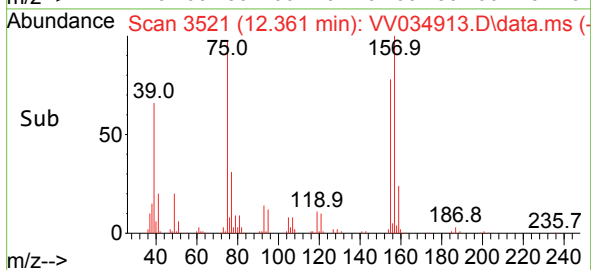
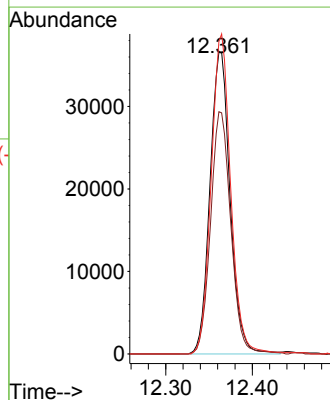
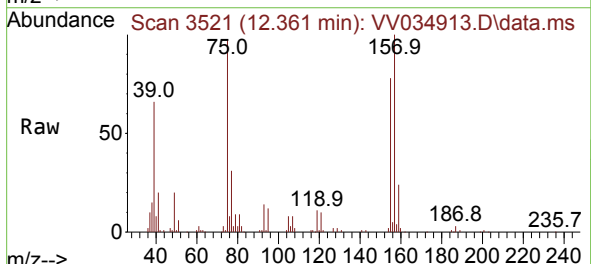
Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

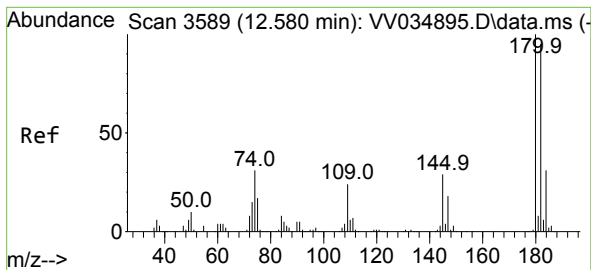
Tgt Ion:146 Resp: 333371
Ion Ratio Lower Upper
146 100
111 42.2 34.6 52.0
148 64.2 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 51.991 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion: 75 Resp: 59260
Ion Ratio Lower Upper
75 100
155 80.2 63.0 94.6
157 103.5 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 49.217 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

Lab File: VV034913.D

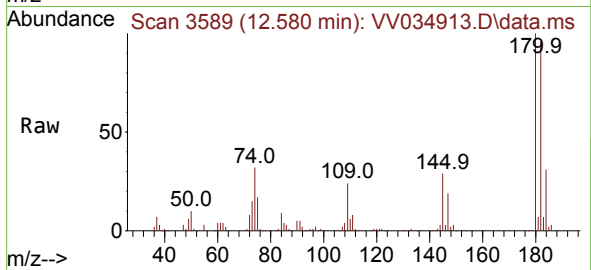
Acq: 01 Apr 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD050312



Tgt Ion:180 Resp: 228154

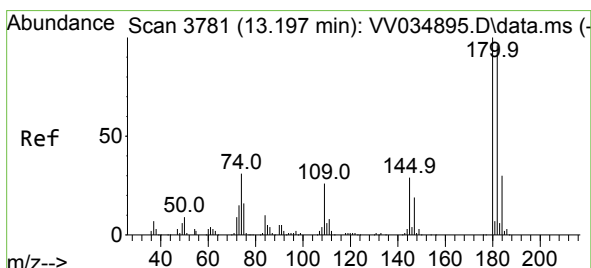
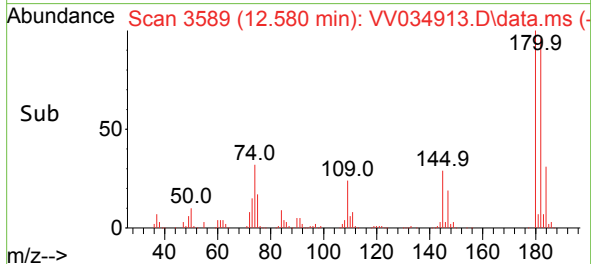
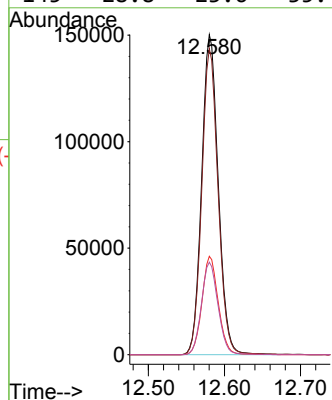
Ion Ratio Lower Upper

180 100

182 94.0 74.7 112.1

184 30.2 24.0 36.0

145 28.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 47.098 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV034913.D

Acq: 01 Apr 2024 08:48

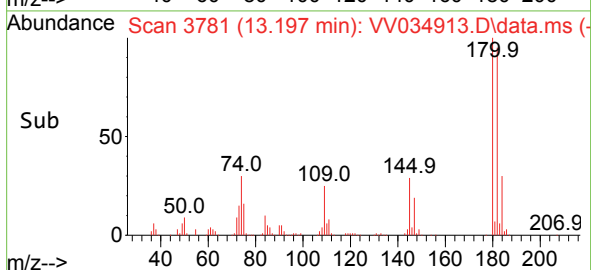
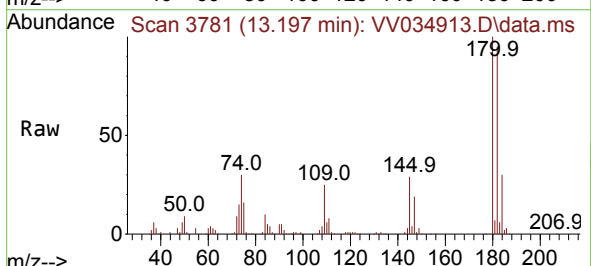
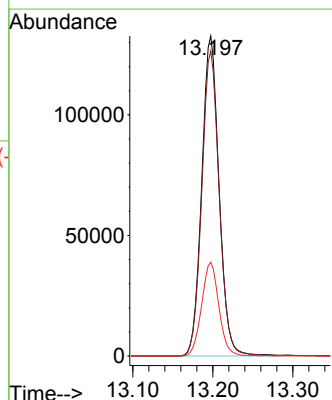
Tgt Ion:180 Resp: 200553

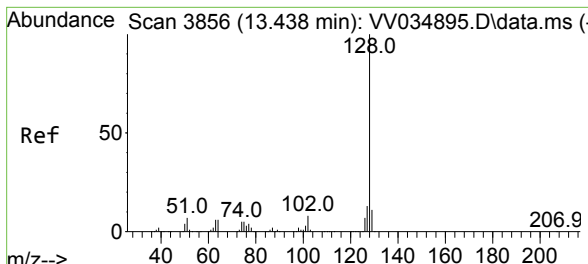
Ion Ratio Lower Upper

180 100

182 95.6 75.6 113.4

145 29.0 24.1 36.1

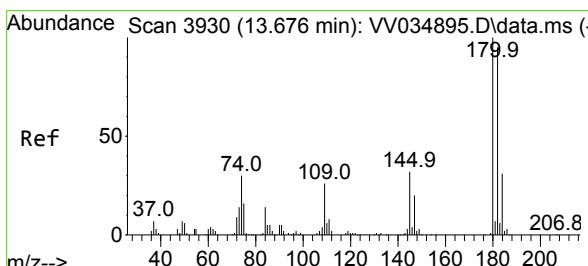
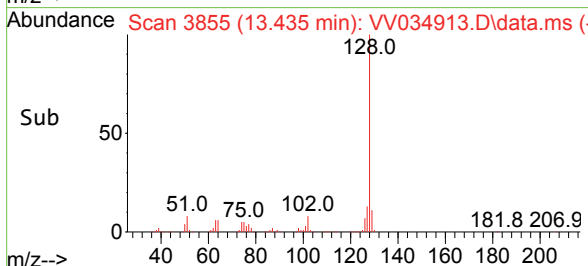
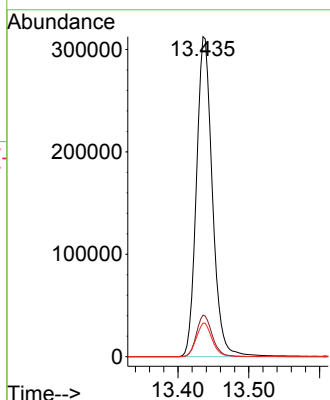
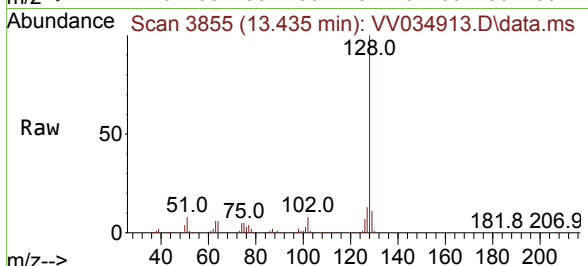




#71
Naphthalene
Concen: 41.338 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Instrument :
MSVOA_V
ClientSampleId :
VSTD050312

Tgt Ion:128 Resp: 488365
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.631 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034913.D
Acq: 01 Apr 2024 08:48

Tgt Ion:180 Resp: 204125
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.2
145 31.6 25.8 38.6

