

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030582.D
 Acq On : 12 Aug 2022 09:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050779

Quant Time: Aug 12 23:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 04:17:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	252138	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117025	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70807	43.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.460%		
7) Chloroethane-d5	1.672	69	61138	53.562	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.120%		
11) 1,1-Dichloroethene-d2	2.306	63	157976	51.578	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.160%		
21) 2-Butanone-d5	4.471	46	185657	123.750	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.750%		
24) Chloroform-d	5.062	84	189073	56.725	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.460%		
26) 1,2-Dichloroethane-d4	5.958	65	130365	57.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.200%		
32) Benzene-d6	5.970	84	338296	50.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.960%		
36) 1,2-Dichloropropane-d6	7.312	67	116550	53.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.200%		
41) Toluene-d8	8.647	98	311219	49.267	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.540%		
43) trans-1,3-Dichloroprop...	8.952	79	55617	51.418	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.840%		
47) 2-Hexanone-d5	9.384	63	122788	110.792	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.790%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	164318	57.528	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.060%		
66) 1,2-Dichlorobenzene-d4	12.323	152	116072	51.137	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	104038	54.835	ug/L	99
3) Chloromethane	1.294	50	80349	49.251	ug/L	99
5) Vinyl chloride	1.374	62	89706	51.479	ug/L	99
6) Bromomethane	1.611	94	27850	34.009	ug/L	94
8) Chloroethane	1.691	64	55846	56.263	ug/L	96
9) Trichlorofluoromethane	1.886	101	147939	57.443	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	89675	58.542	ug/L	98
12) 1,1-Dichloroethene	2.319	96	76864	54.466	ug/L	83
13) Acetone	2.398	43	143167	130.207	ug/L	97
14) Carbon disulfide	2.514	76	227229	49.678	ug/L	100
15) Methyl Acetate	2.709	43	128832	56.608	ug/L	98
16) Methylene chloride	2.788	84	98423	55.001	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	87092	53.269	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	316377	56.902	ug/L	99
19) 1,1-Dichloroethane	3.611	63	184713	58.413	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	102570	55.770	ug/L	98
22) 2-Butanone	4.574	43	203292	117.202	ug/L	99
23) Bromochloromethane	4.897	128	50591	54.852	ug/L #	88
25) Chloroform	5.093	83	197880	59.558	ug/L	98

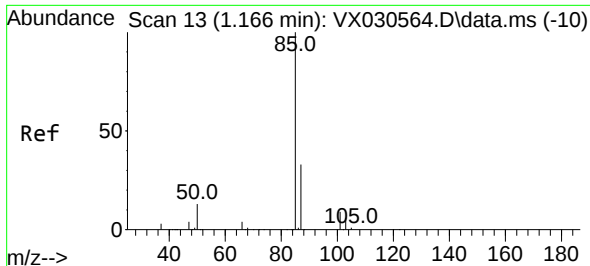
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
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 QLast Update : Fri Aug 12 04:17:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	163937	59.284	ug/L	96
29) Cyclohexane	5.470	56	159429	51.259	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	169247	54.843	ug/L	99
31) Carbon tetrachloride	5.678	117	142515	55.953	ug/L	98
33) Benzene	6.037	78	397620	53.008	ug/L	100
34) Trichloroethene	7.123	95	109104	50.220	ug/L	93
35) Methylcyclohexane	7.379	83	161707	51.129	ug/L	99
37) 1,2-Dichloropropane	7.434	63	109830	55.068	ug/L	100
38) Bromodichloromethane	7.824	83	148938	56.425	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	165338	55.572	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	379953	109.396	ug/L	97
42) Toluene	8.720	91	417527	52.691	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	164457	56.476	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	100447	54.163	ug/L	98
46) Tetrachloroethene	9.275	164	69351	50.510	ug/L	99
48) 2-Hexanone	9.433	43	305583	113.239	ug/L	97
49) Dibromochloromethane	9.525	129	110112	55.810	ug/L	99
50) 1,2-Dibromoethane	9.610	107	104561	51.270	ug/L	98
51) Chlorobenzene	10.079	112	262655	53.204	ug/L	98
52) Ethylbenzene	10.195	91	469628	54.354	ug/L	98
53) m,p-Xylene	10.305	106	173426	53.852	ug/L	98
54) o-Xylene	10.646	106	171403	53.412	ug/L	98
55) Styrene	10.659	104	302383	55.962	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	162887	57.724	ug/L	99
59) Bromoform	10.799	173	72957	57.250	ug/L	99
60) Isopropylbenzene	10.963	105	456765	55.065	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	140741	56.001	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	402302	56.808	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	397801	55.622	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	196658	54.538	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	192408	52.490	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	205224	55.035	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	46212	55.743	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	140767	55.666	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	117550	52.930	ug/L	96
71) Naphthalene	13.780	128	485273	52.787	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	128561	54.803	ug/L	98

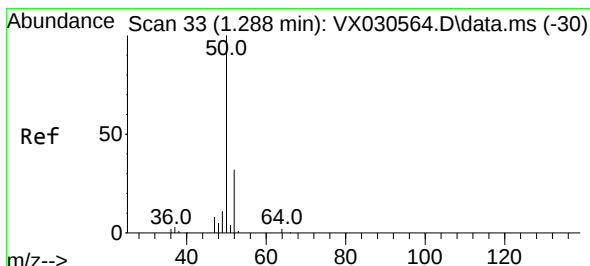
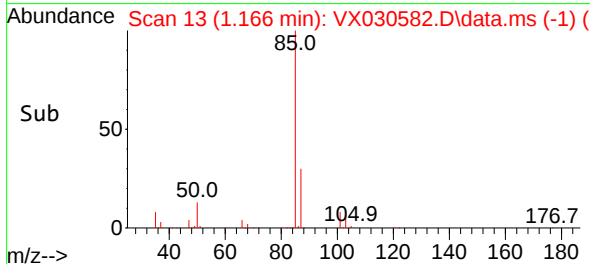
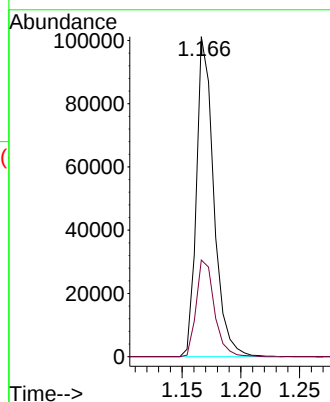
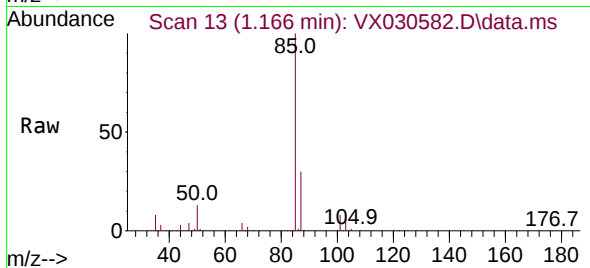
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#2
 Dichlorodifluoromethane
 Concen: 54.835 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

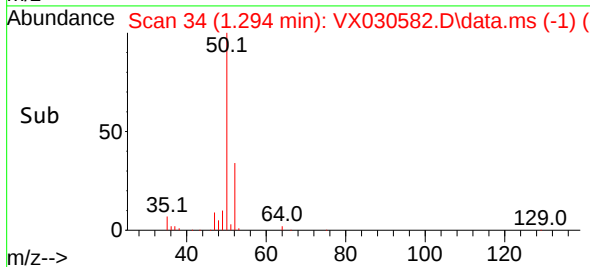
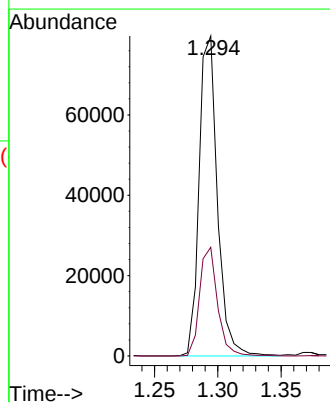
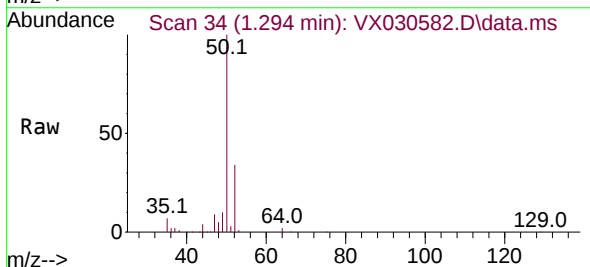
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050779

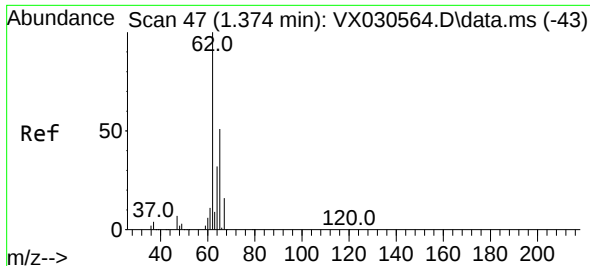
Tgt Ion: 85 Resp: 104038
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.6 38.4



#3
 Chloromethane
 Concen: 49.251 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

Tgt Ion: 50 Resp: 80349
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.3 43.3

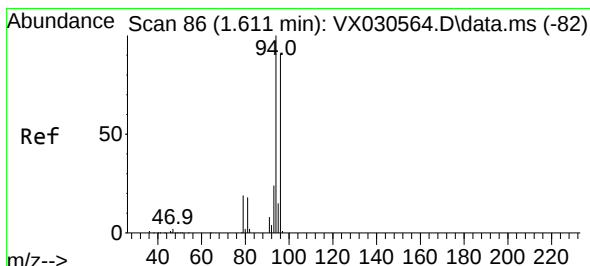
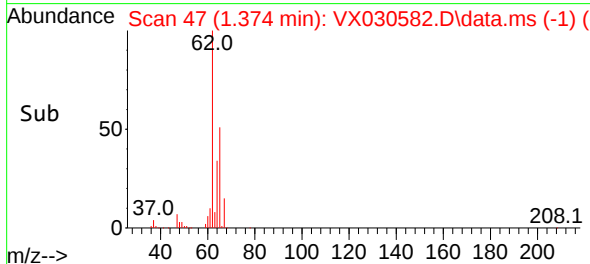
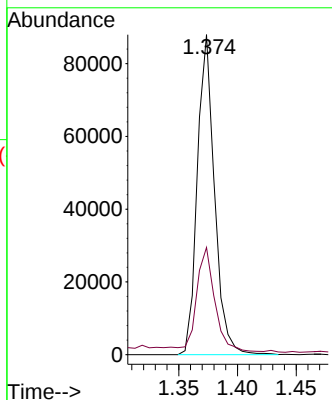
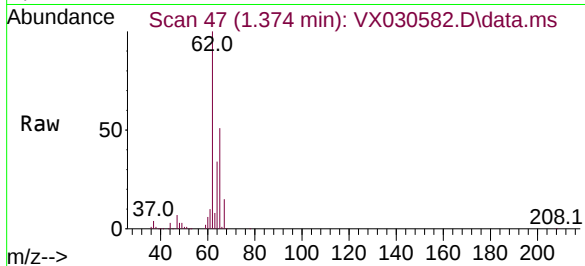




#5
 Vinyl chloride
 Concen: 51.479 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

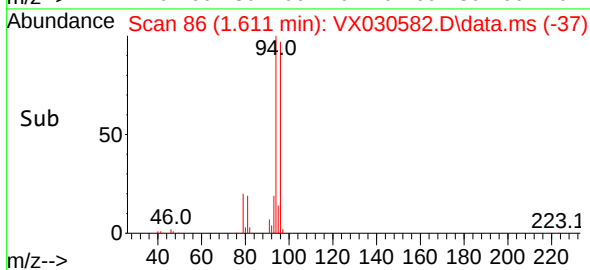
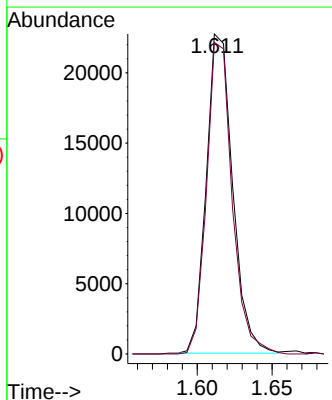
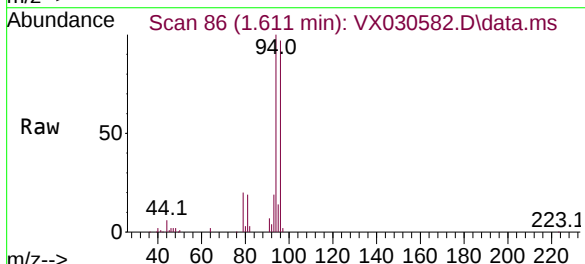
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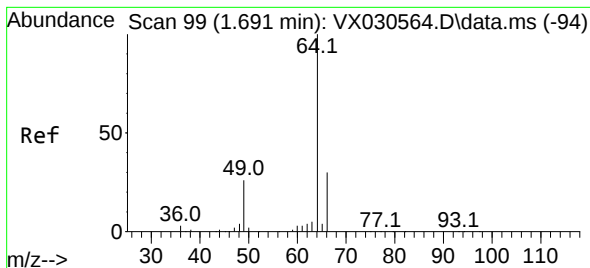
Tgt Ion: 62 Resp: 89706
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.8 44.2



#6
 Bromomethane
 Concen: 34.009 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

Tgt Ion: 94 Resp: 27850
 Ion Ratio Lower Upper
 94 100
 96 97.4 63.8 118.6





#8

Chloroethane

Concen: 56.263 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

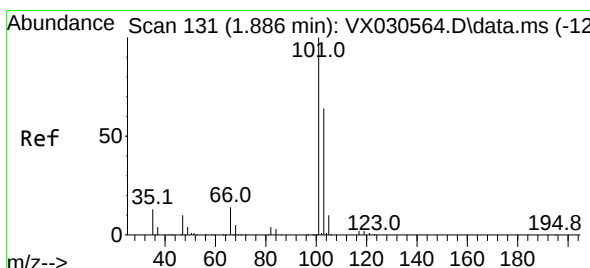
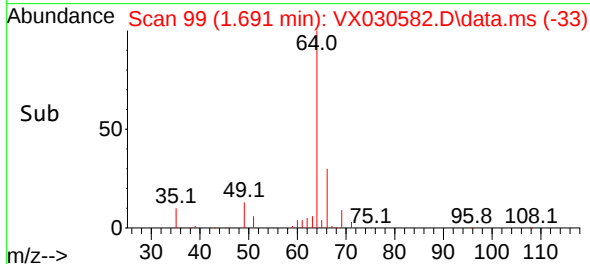
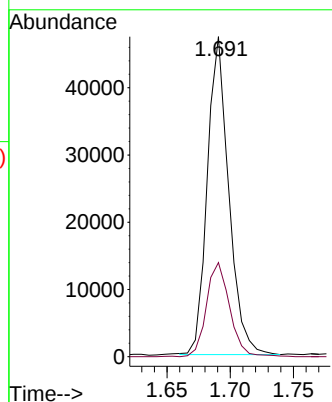
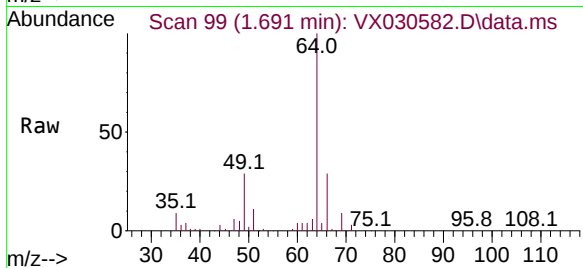
VSTD050779

Tgt Ion: 64 Resp: 55846

Ion Ratio Lower Upper

64 100

66 29.4 22.1 41.1



#9

Trichlorofluoromethane

Concen: 57.443 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX030582.D

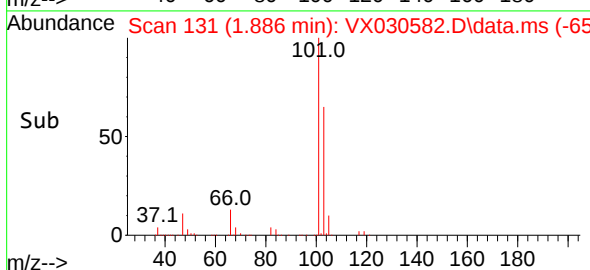
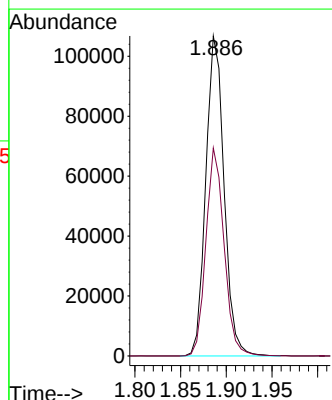
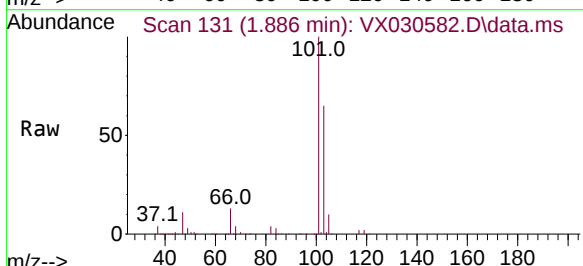
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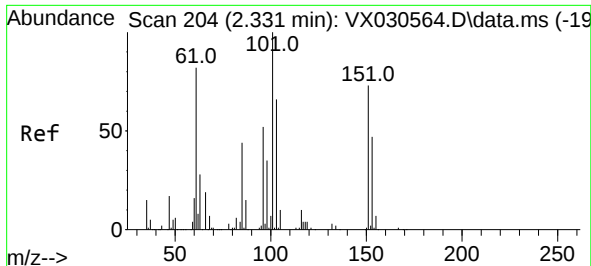
Tgt Ion:101 Resp: 147939

Ion Ratio Lower Upper

101 100

103 64.8 51.5 77.3

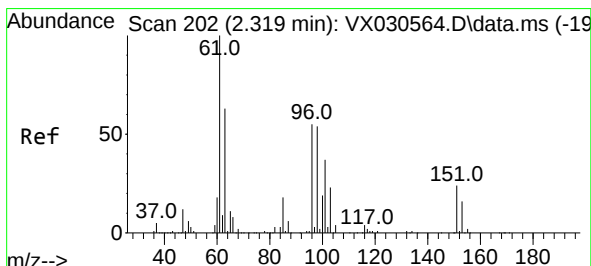
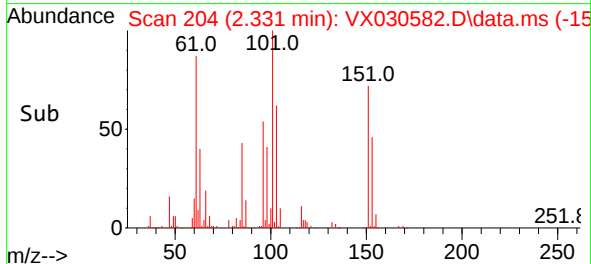
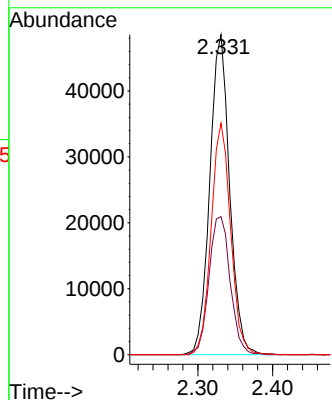
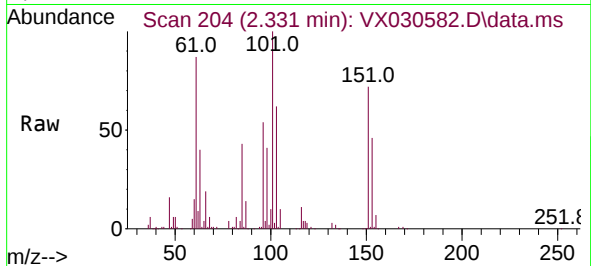




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 58.542 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

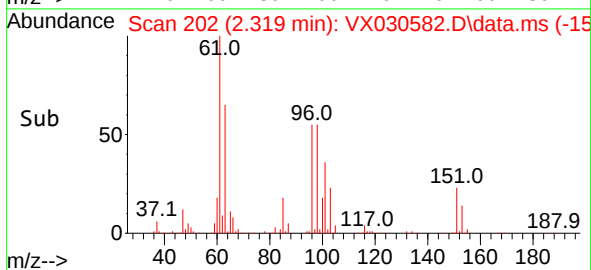
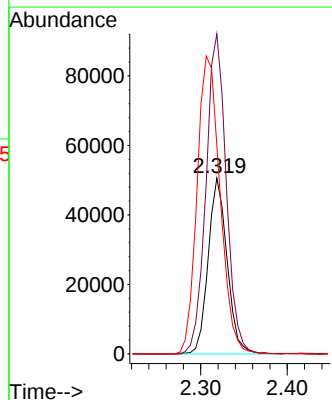
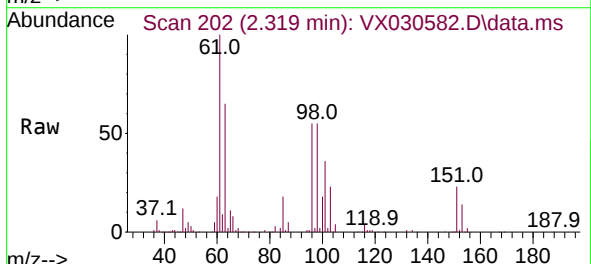
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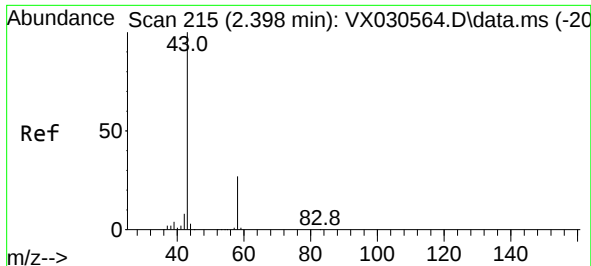
Tgt Ion:101 Resp: 89675
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.3 52.9
 151 71.2 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 54.466 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

Tgt Ion: 96 Resp: 76864
 Ion Ratio Lower Upper
 96 100
 61 182.0 130.2 241.8
 63 118.7 113.5 210.9





#13

Acetone

Concen: 130.207 ug/L

RT: 2.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

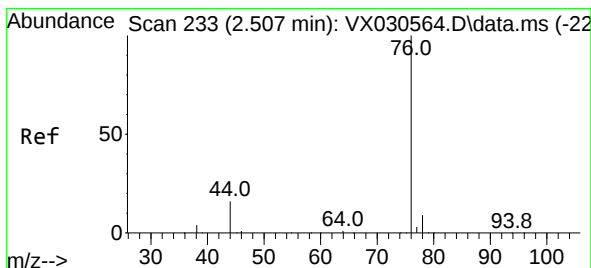
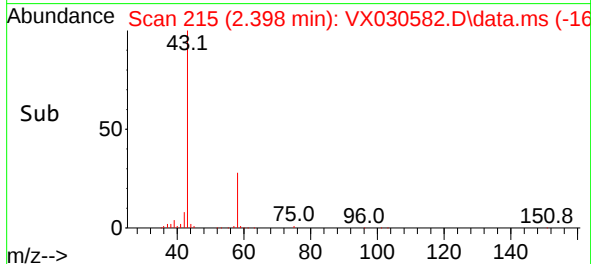
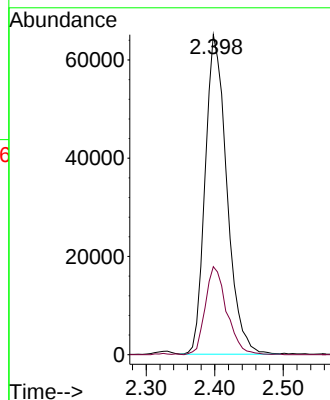
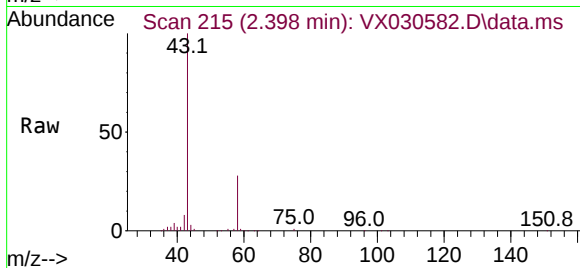
VSTD050779

Tgt Ion: 43 Resp: 143167

Ion Ratio Lower Upper

43 100

58 27.3 0.0 57.8



#14

Carbon disulfide

Concen: 49.678 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX030582.D

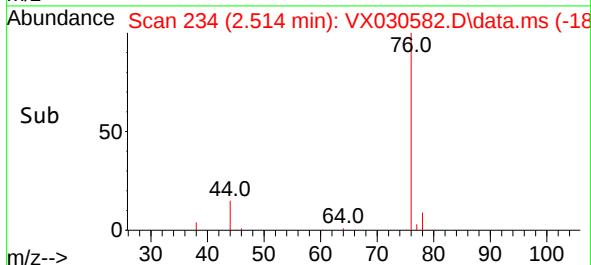
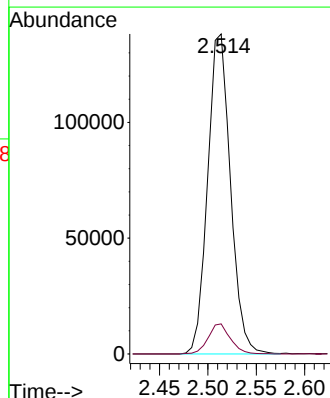
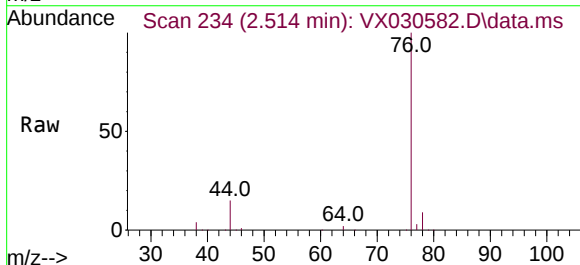
Acq: 12 Aug 2022 09:14

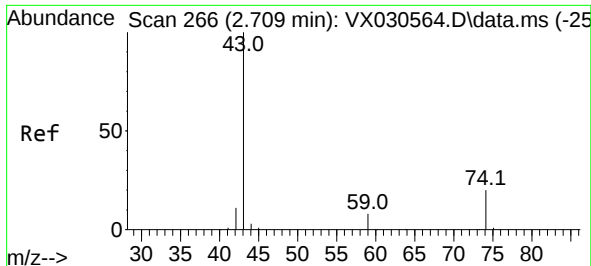
Tgt Ion: 76 Resp: 227229

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

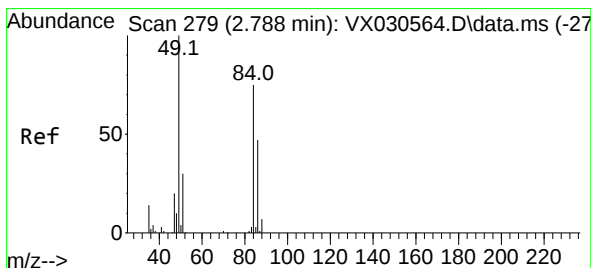
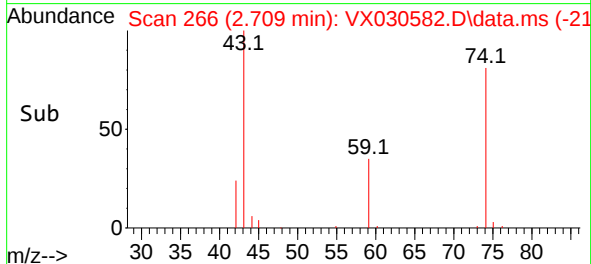
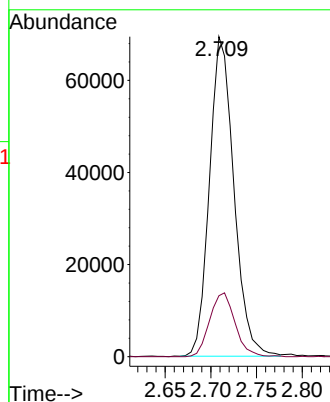
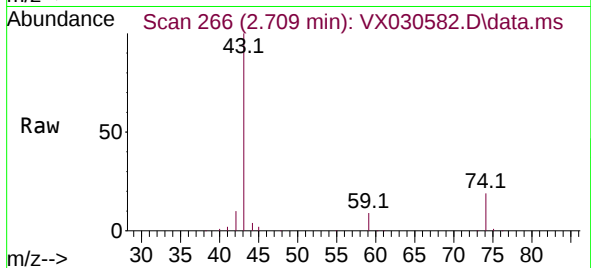




#15
Methyl Acetate
Concen: 56.608 ug/L
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

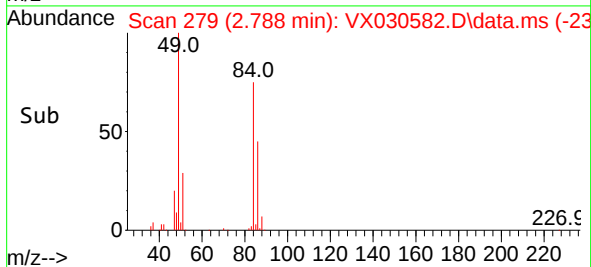
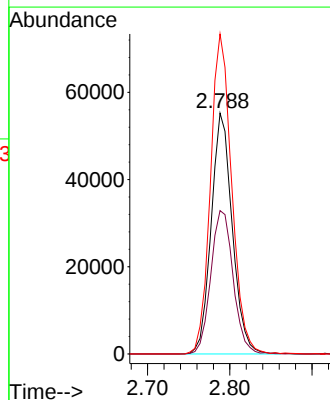
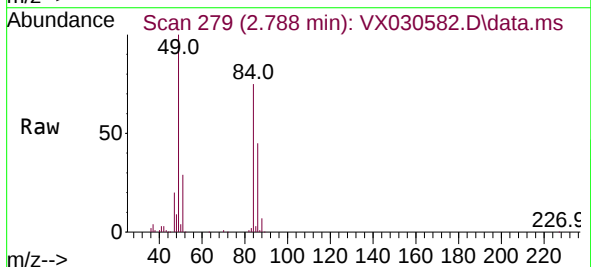
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

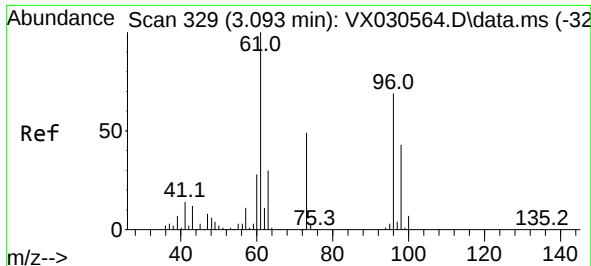
Tgt Ion: 43 Resp: 128832
Ion Ratio Lower Upper
43 100
74 20.7 17.2 25.8



#16
Methylene chloride
Concen: 55.001 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 84 Resp: 98423
Ion Ratio Lower Upper
84 100
86 59.5 44.2 82.2
49 132.9 89.0 165.2

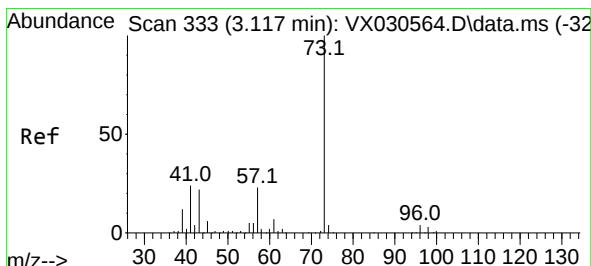
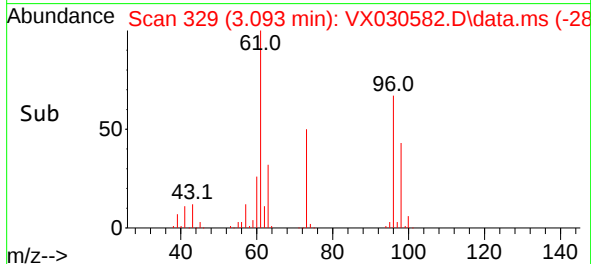
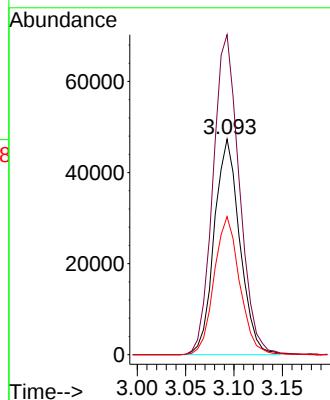
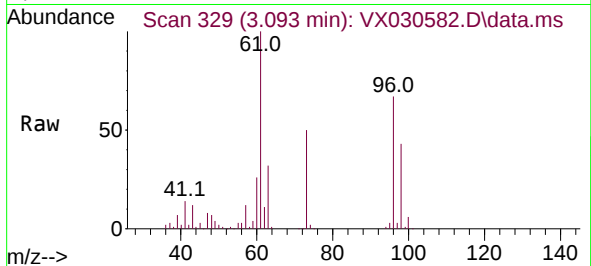




#17
trans-1,2-Dichloroethene
Concen: 53.269 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

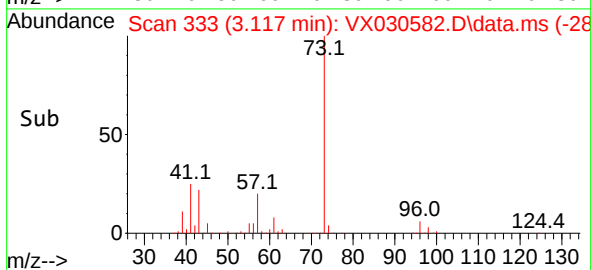
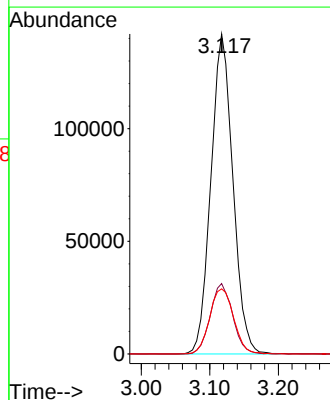
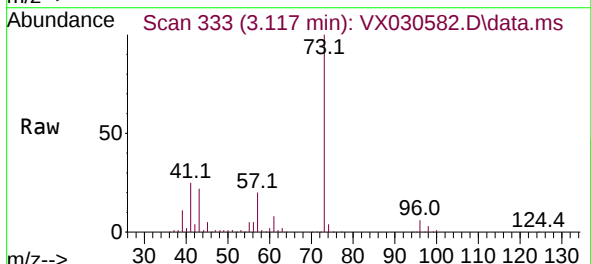
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

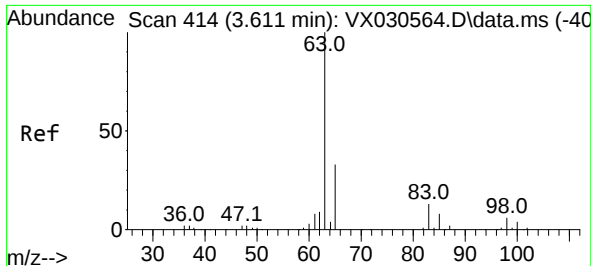
Tgt Ion: 96 Resp: 87092
Ion Ratio Lower Upper
96 100
61 148.5 103.7 192.5
98 64.1 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 56.902 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 73 Resp: 316377
Ion Ratio Lower Upper
73 100
43 22.2 17.6 26.4
57 22.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 58.413 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD050779

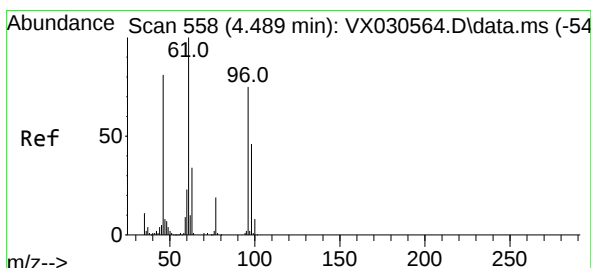
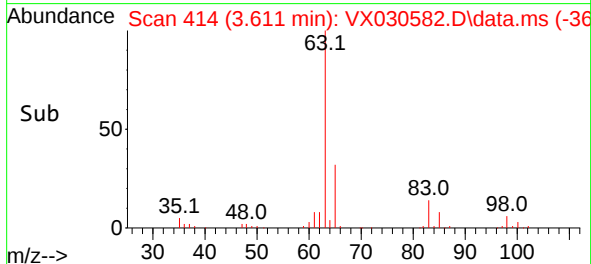
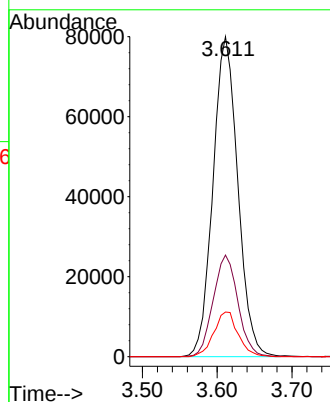
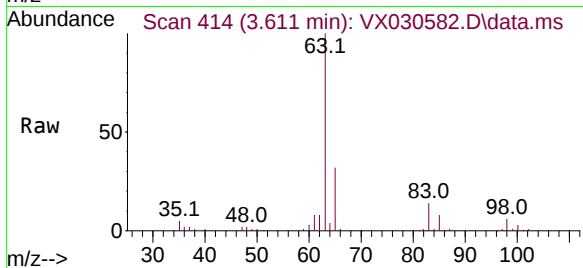
Tgt Ion: 63 Resp: 184713

Ion Ratio Lower Upper

63 100

65 31.7 22.0 40.8

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 55.770 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

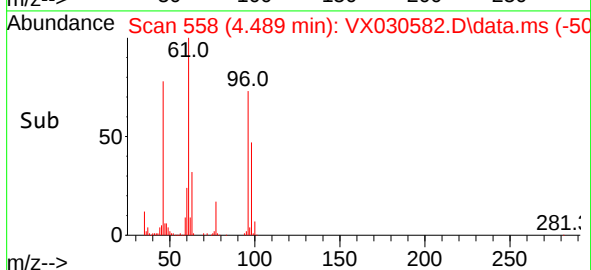
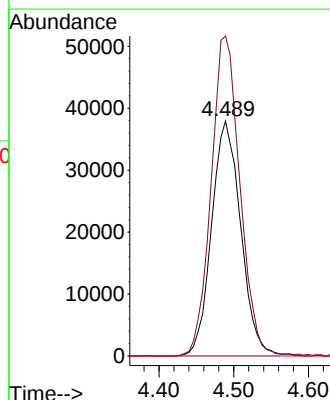
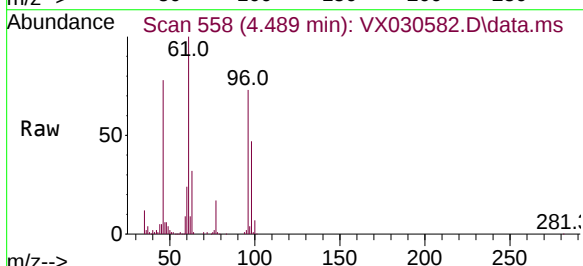
Tgt Ion: 96 Resp: 102570

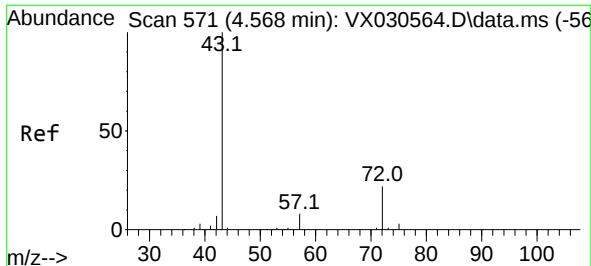
Ion Ratio Lower Upper

96 100

61 136.2 94.0 174.6

68 0.0 0.0 0.0

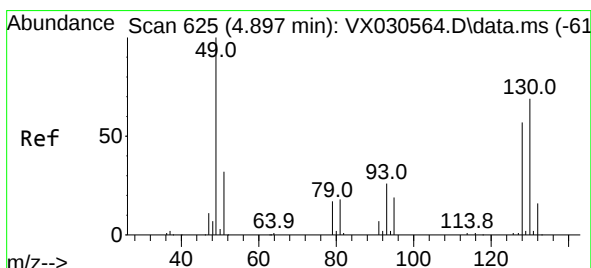
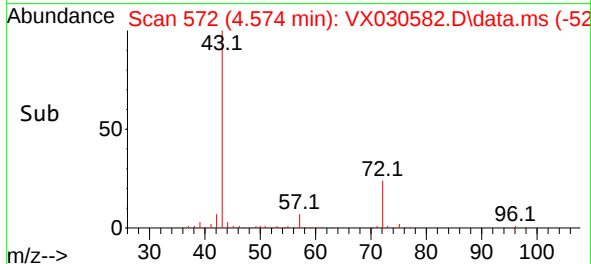
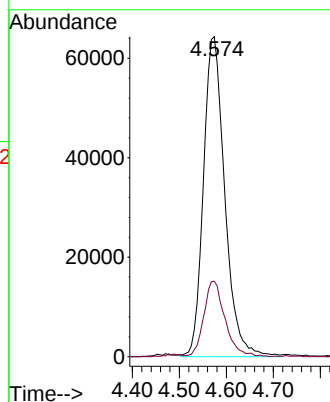
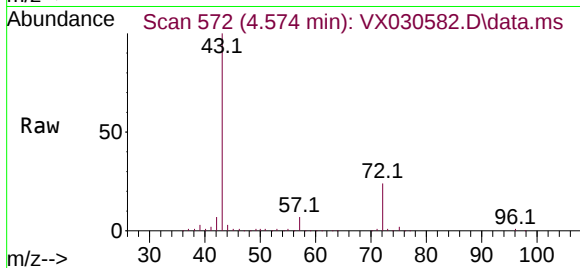




#22
2-Butanone
Concen: 117.202 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

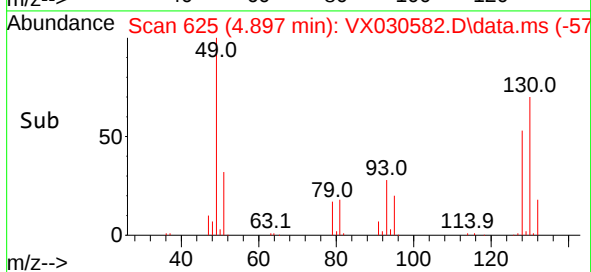
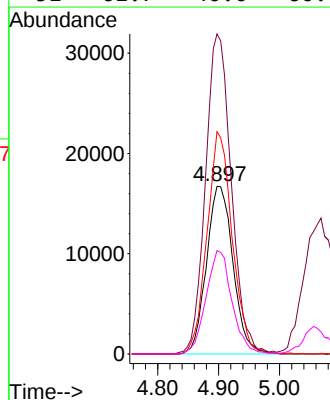
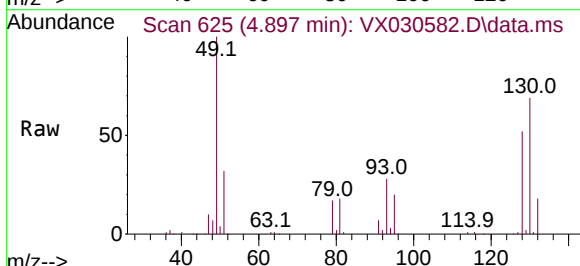
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

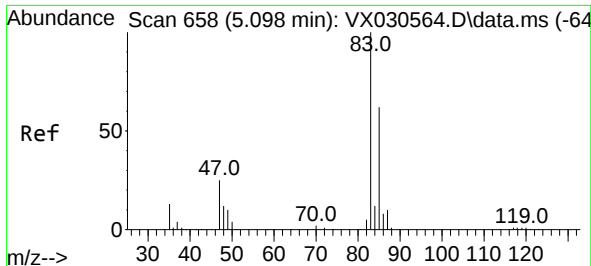
Tgt Ion: 43 Resp: 203292
Ion Ratio Lower Upper
43 100
72 23.0 11.7 35.1



#23
Bromochloromethane
Concen: 54.852 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 128 Resp: 50591
Ion Ratio Lower Upper
128 100
49 191.0 116.8 216.8
130 132.6 90.3 167.7
51 61.7 40.0 60.0#





#25

Chloroform

Concen: 59.558 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

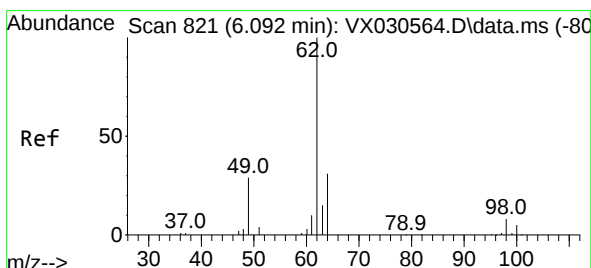
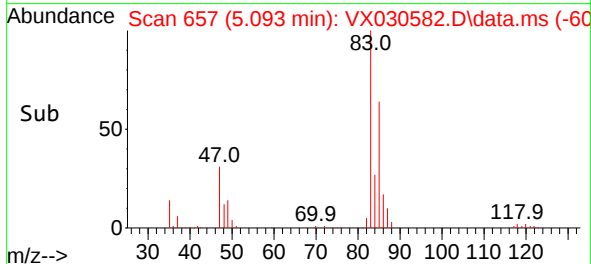
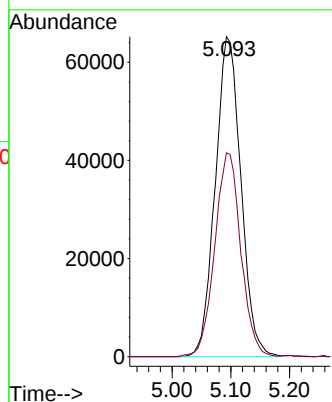
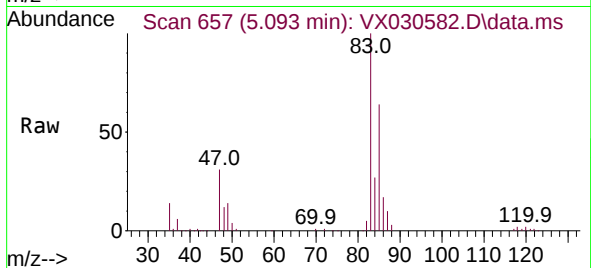
VSTD050779

Tgt Ion: 83 Resp: 197880

Ion Ratio Lower Upper

83 100

85 63.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 59.284 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030582.D

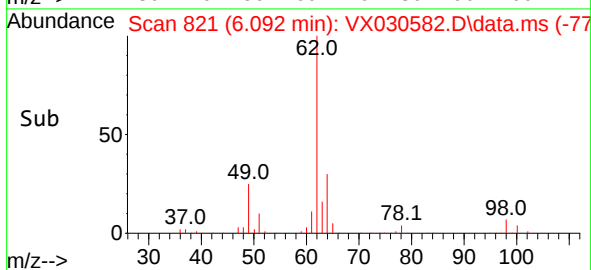
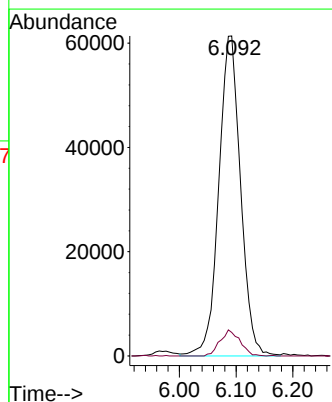
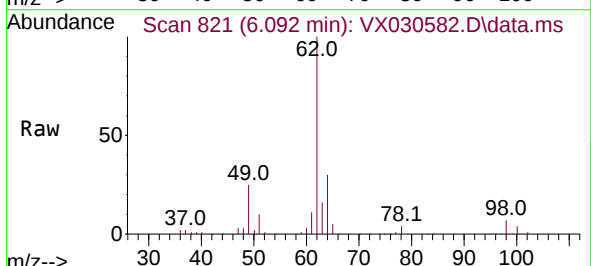
Acq: 12 Aug 2022 09:14

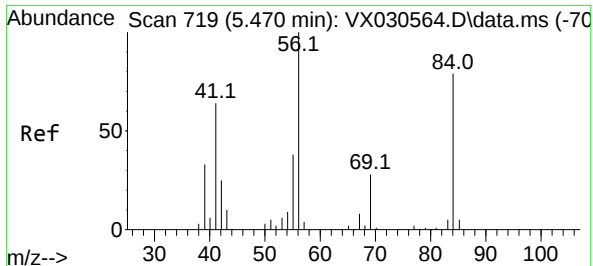
Tgt Ion: 62 Resp: 163937

Ion Ratio Lower Upper

62 100

98 7.3 7.0 10.6

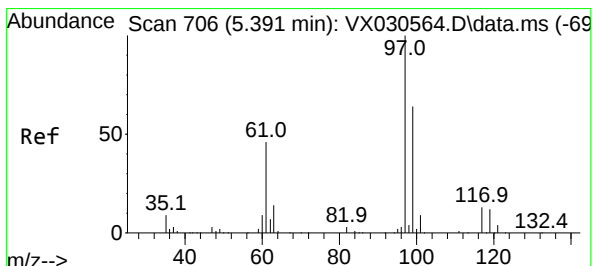
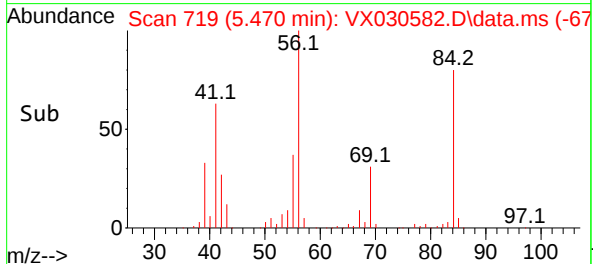
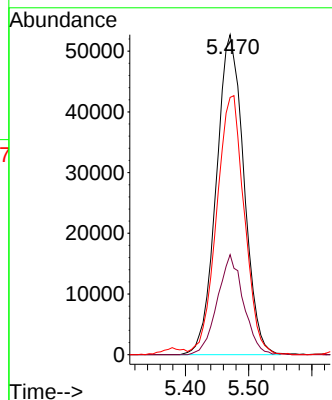
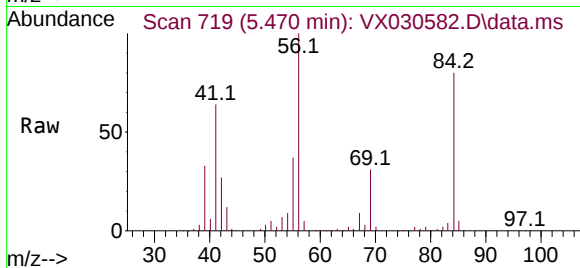




#29
Cyclohexane
Concen: 51.259 ug/L
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

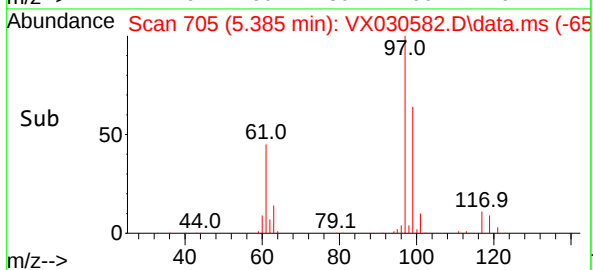
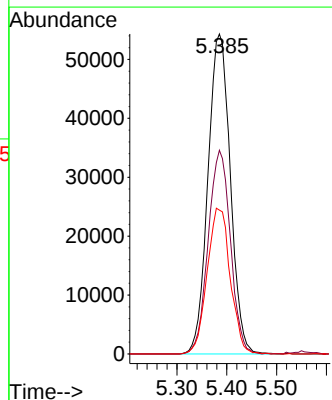
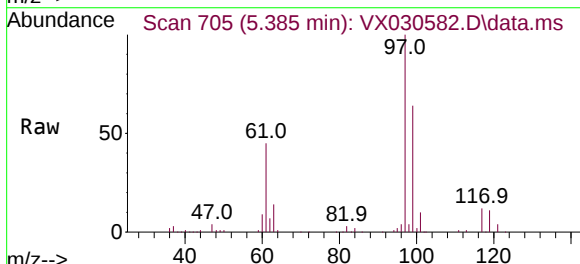
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

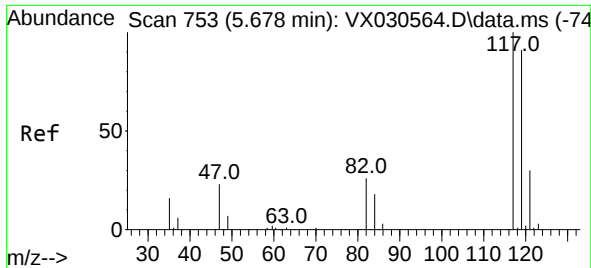
Tgt Ion: 56 Resp: 159429
Ion Ratio Lower Upper
56 100
69 29.5 24.3 36.5
84 81.4 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 54.843 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 97 Resp: 169247
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 47.1 37.0 55.6

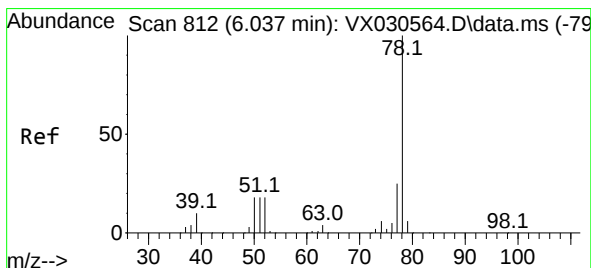
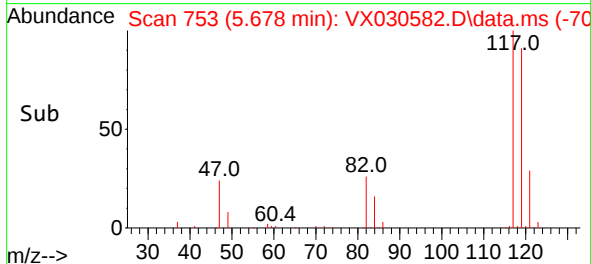
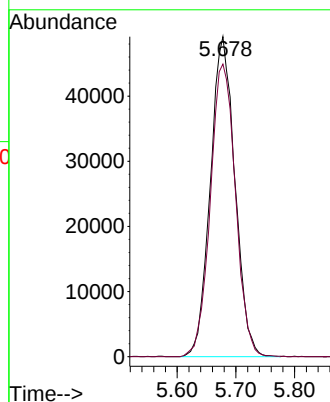
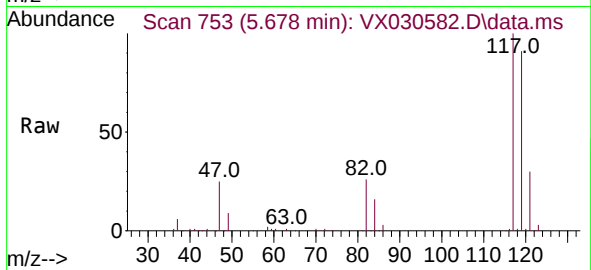




#31
Carbon tetrachloride
Concen: 55.953 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

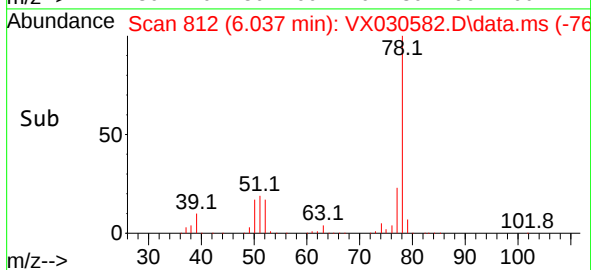
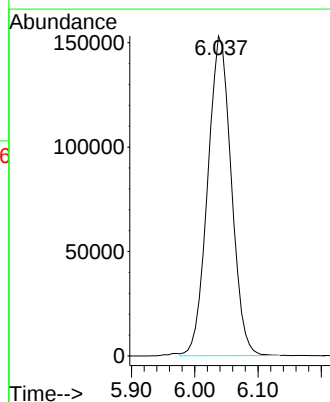
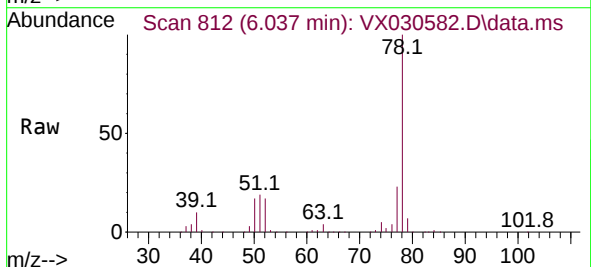
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

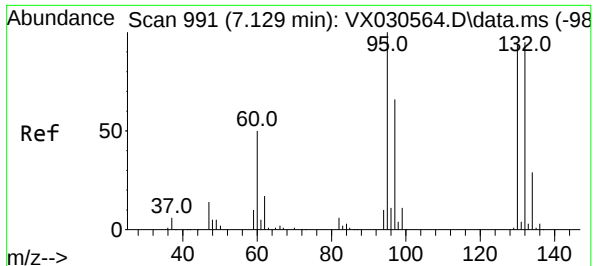
Tgt Ion:117 Resp: 142515
Ion Ratio Lower Upper
117 100
119 93.5 76.2 114.2



#33
Benzene
Concen: 53.008 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 78 Resp: 397620

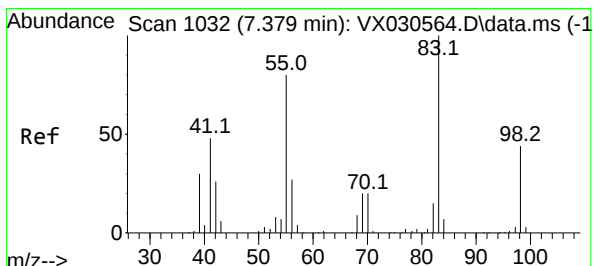
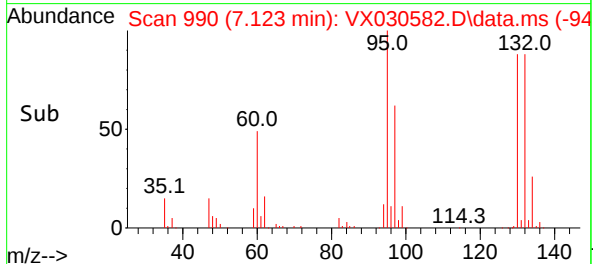
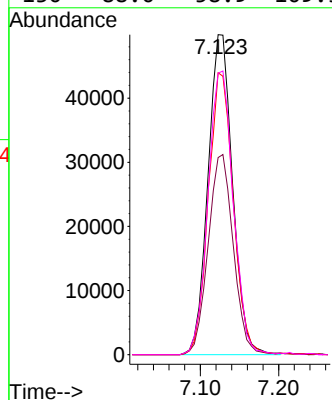
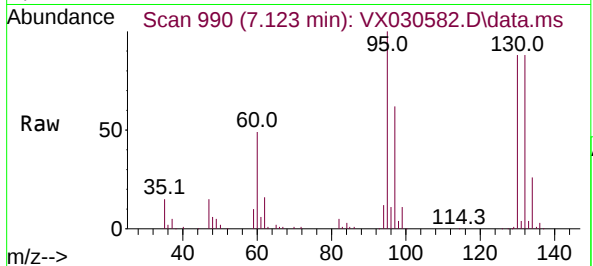




#34
Trichloroethene
Concen: 50.220 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

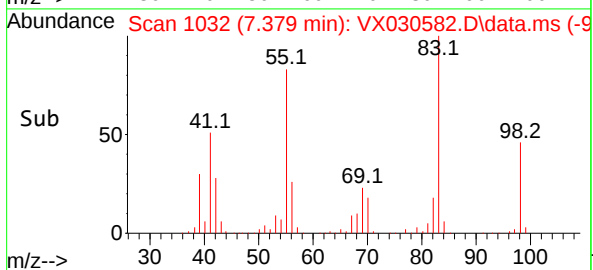
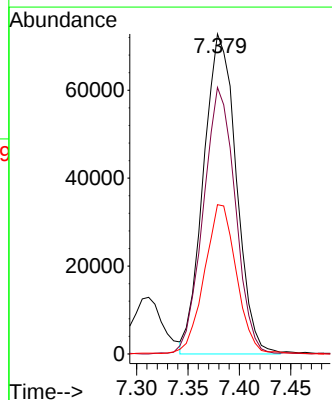
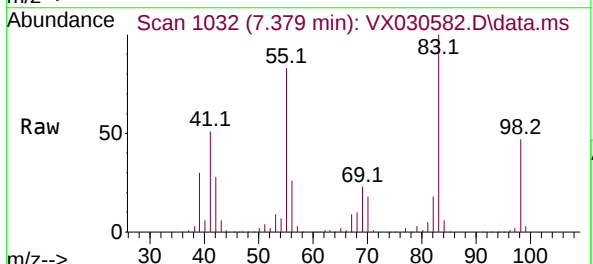
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

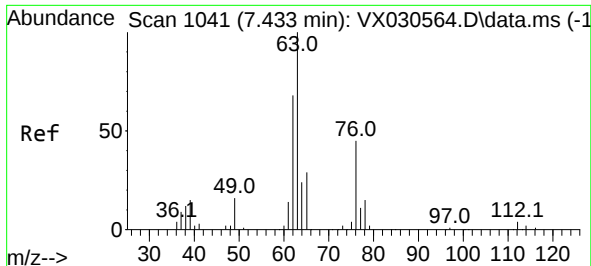
Tgt Ion: 95 Resp: 109104
Ion Ratio Lower Upper
95 100
97 61.6 40.2 74.6
132 88.1 55.3 102.7
130 88.0 58.9 109.5



#35
Methylcyclohexane
Concen: 51.129 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 83 Resp: 161707
Ion Ratio Lower Upper
83 100
55 81.3 64.0 96.0
98 45.4 36.7 55.1





#37

1,2-Dichloropropane

Concen: 55.068 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

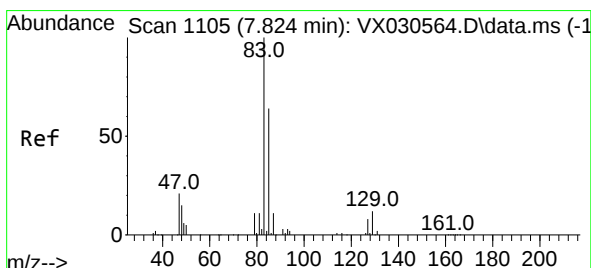
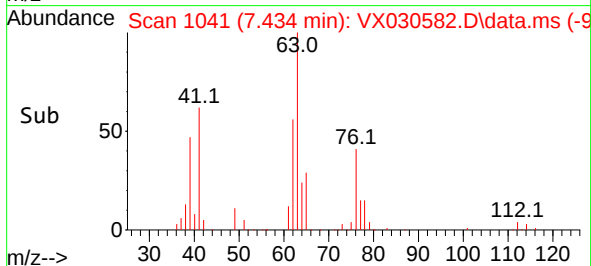
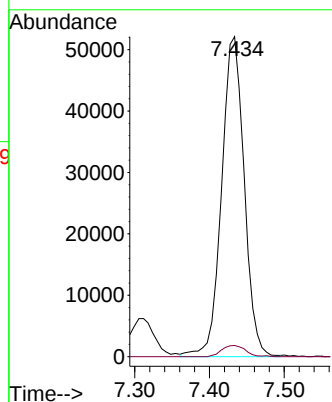
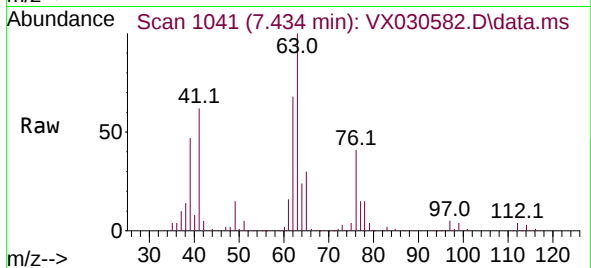
VSTD050779

Tgt Ion: 63 Resp: 109830

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 56.425 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

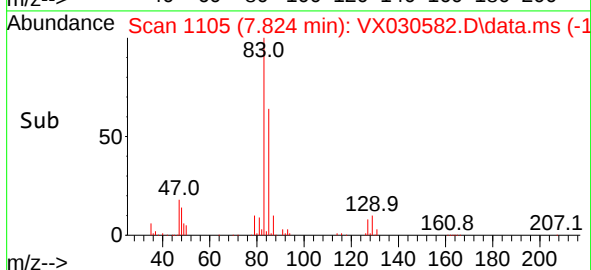
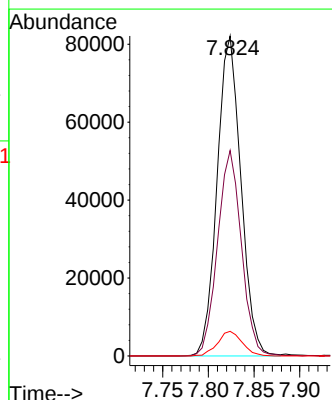
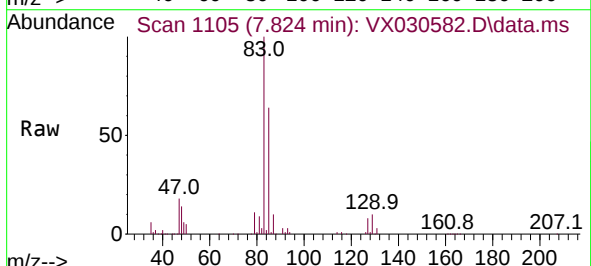
Tgt Ion: 83 Resp: 148938

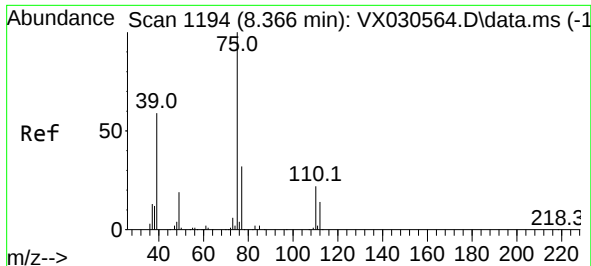
Ion Ratio Lower Upper

83 100

85 64.2 42.5 78.9

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 55.572 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

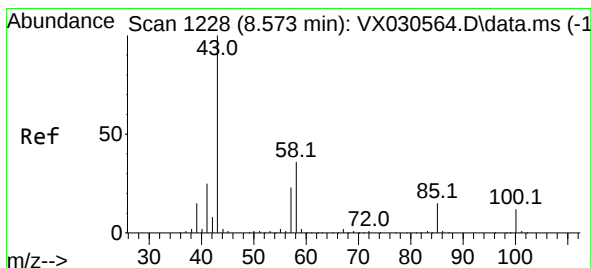
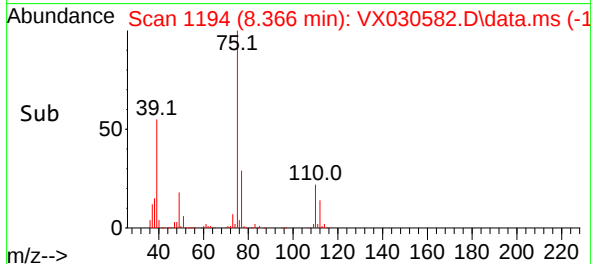
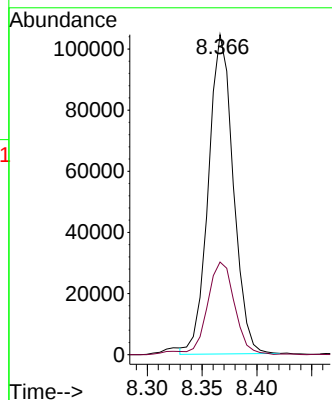
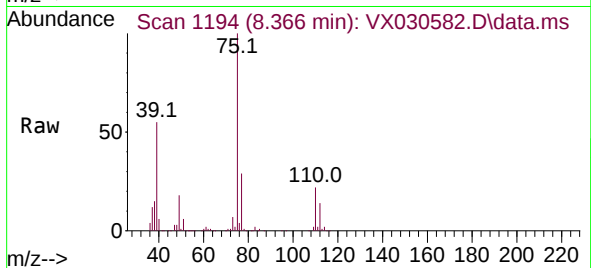
VSTD050779

Tgt Ion: 75 Resp: 165338

Ion Ratio Lower Upper

75 100

77 29.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 109.396 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

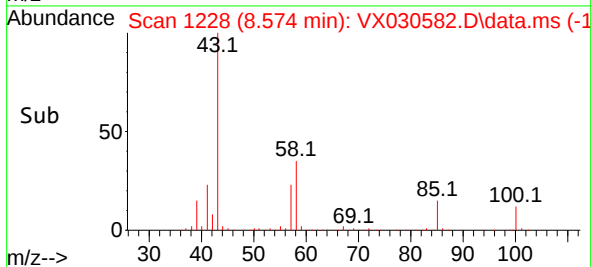
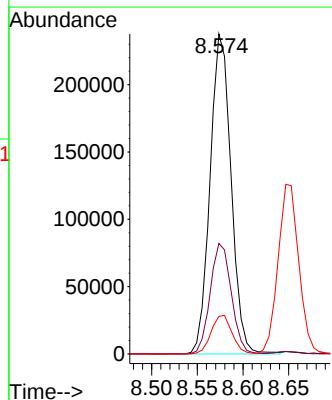
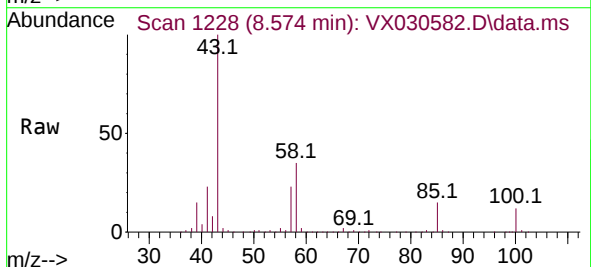
Tgt Ion: 43 Resp: 379953

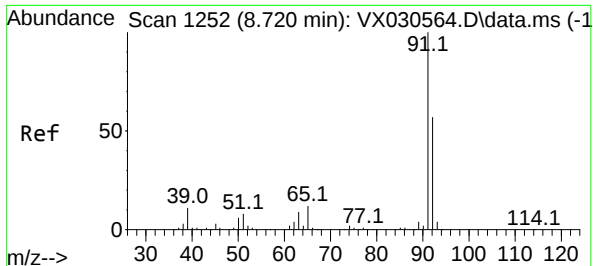
Ion Ratio Lower Upper

43 100

58 34.7 29.0 43.6

100 12.1 10.5 15.7





#42

Toluene

Concen: 52.691 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

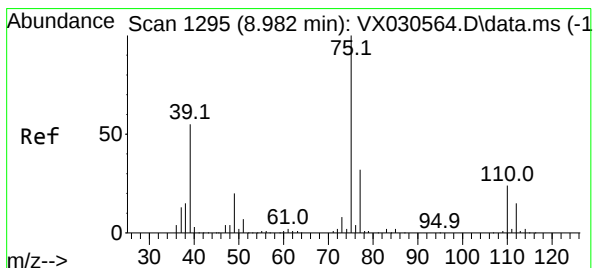
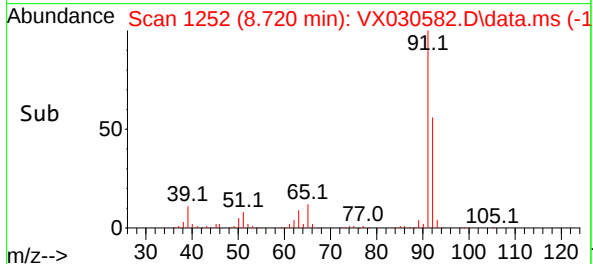
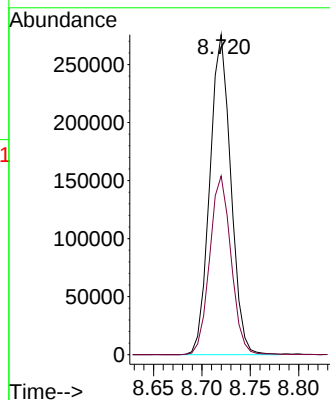
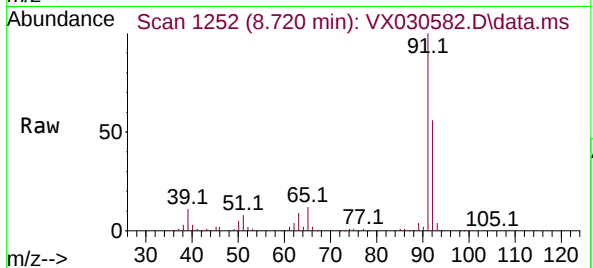
VSTD050779

Tgt Ion: 91 Resp: 417527

Ion Ratio Lower Upper

91 100

92 55.9 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 56.476 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030582.D

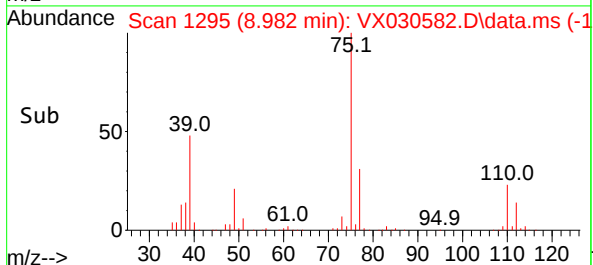
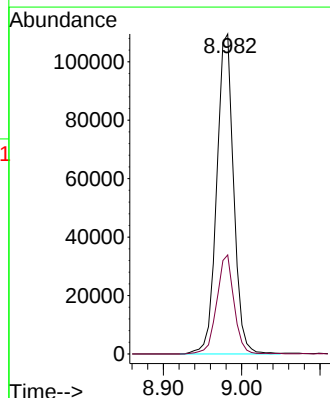
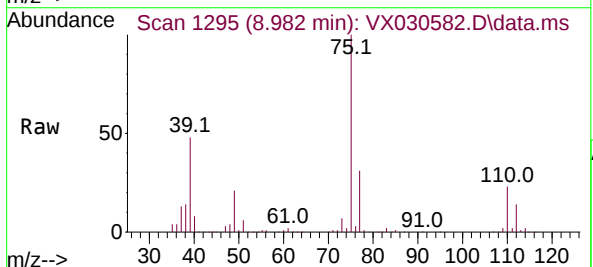
Acq: 12 Aug 2022 09:14

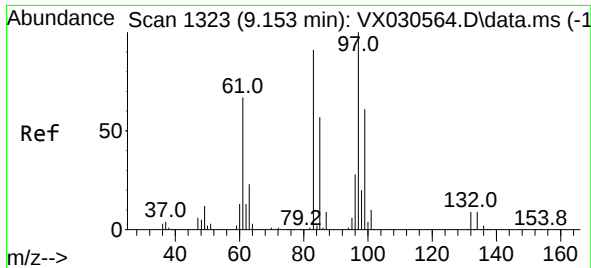
Tgt Ion: 75 Resp: 164457

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7



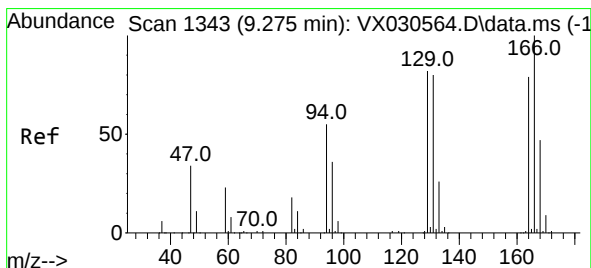
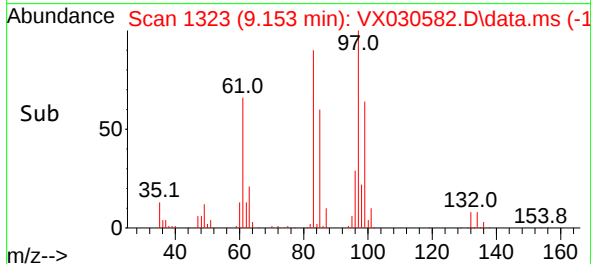
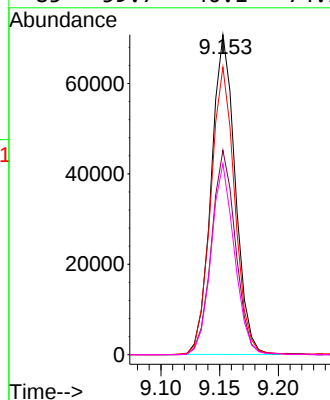
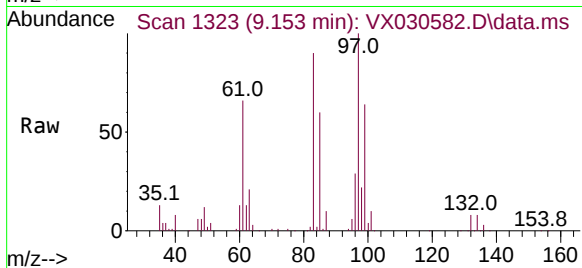


#45
1,1,2-Trichloroethane
Concen: 54.163 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

Tgt Ion: 97 Resp: 100447

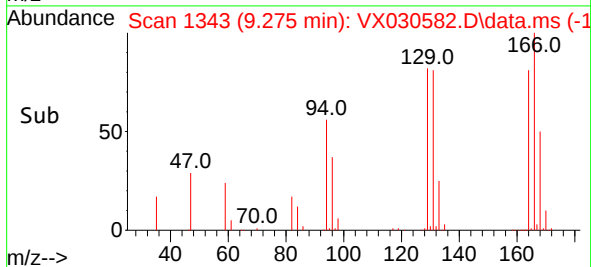
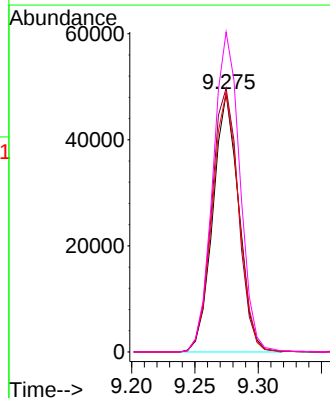
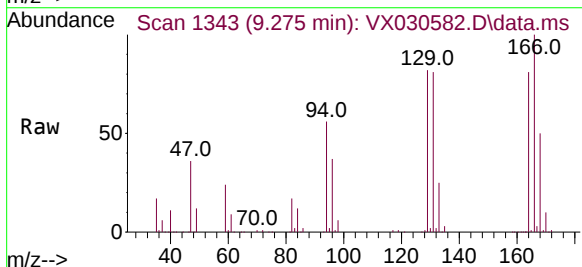
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.3	80.3
83	89.9	63.0	117.0
85	59.7	40.1	74.5

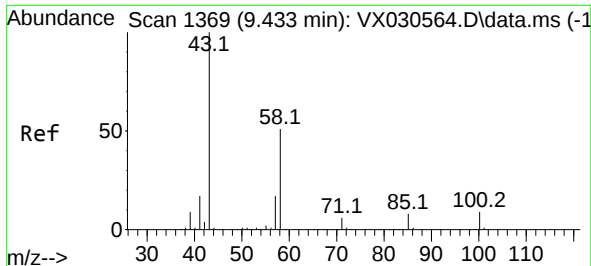


#46
Tetrachloroethene
Concen: 50.510 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 164 Resp: 69351

Ion	Ratio	Lower	Upper
164	100		
129	102.1	72.7	135.1
131	100.4	69.9	129.9
166	123.9	88.3	164.1



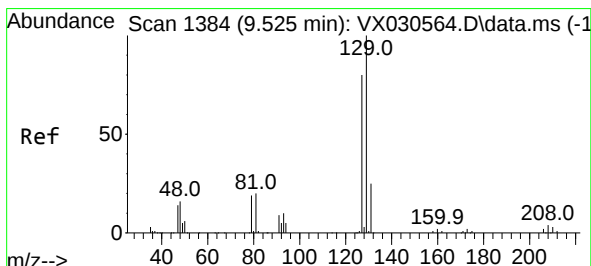
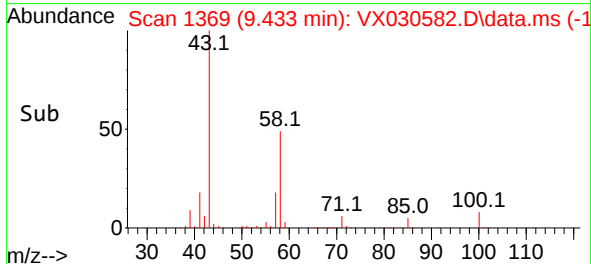
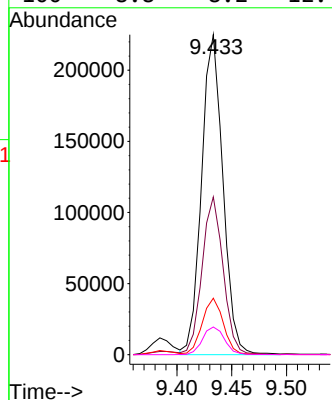
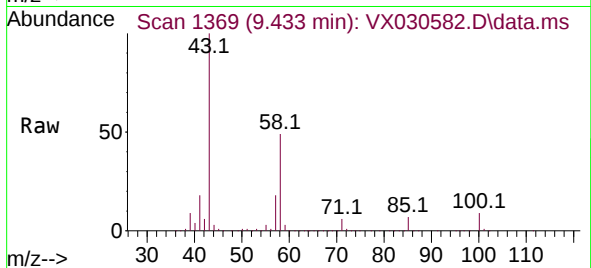


#48
2-Hexanone
Concen: 113.239 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

Tgt Ion: 43 Resp: 305583

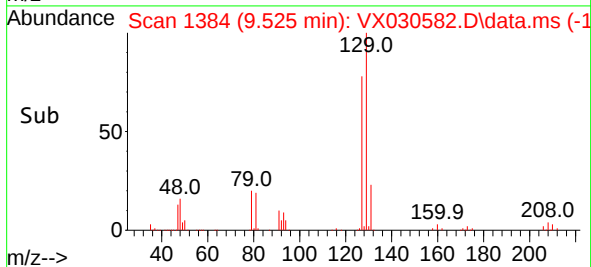
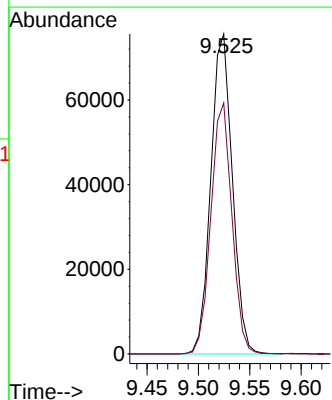
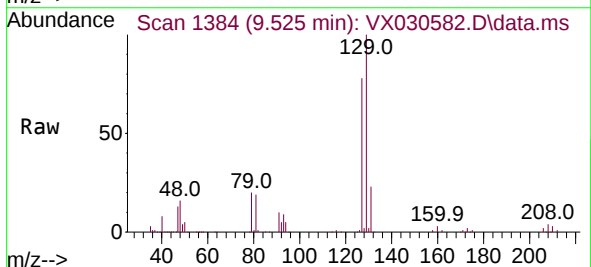
Ion	Ratio	Lower	Upper
43	100		
58	48.8	40.4	60.6
57	17.6	14.6	22.0
100	8.8	8.2	12.4

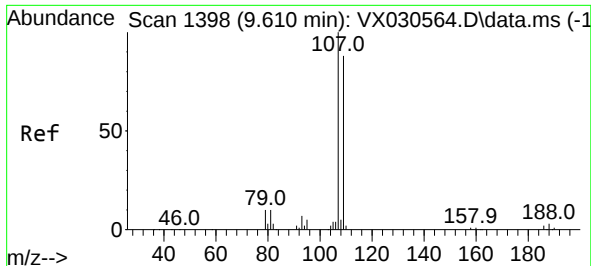


#49
Dibromochloromethane
Concen: 55.810 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 129 Resp: 110112

Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.6	103.2





#50

1,2-Dibromoethane

Concen: 51.270 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD050779

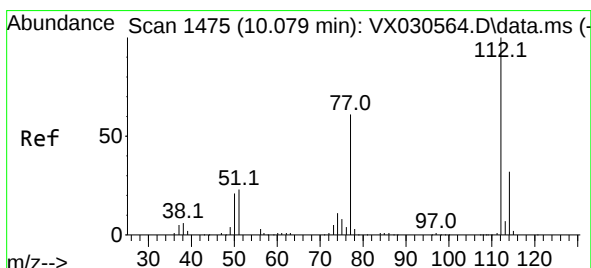
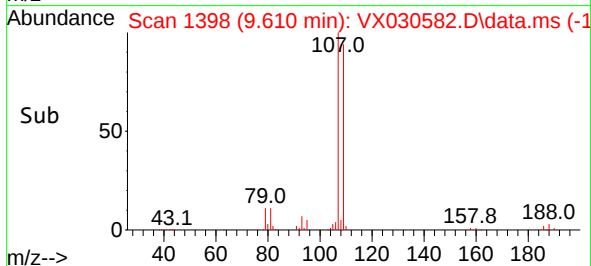
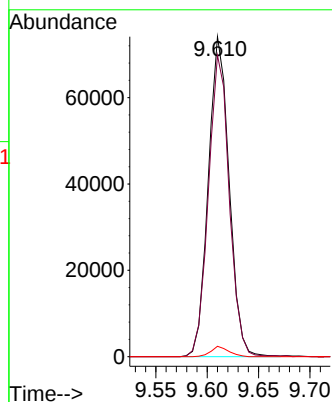
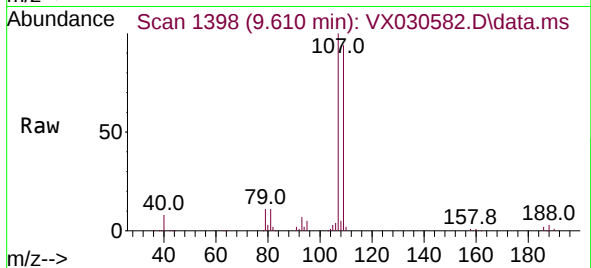
Tgt Ion:107 Resp: 104561

Ion Ratio Lower Upper

107 100

109 94.2 64.8 120.4

188 3.2 2.2 3.2



#51

Chlorobenzene

Concen: 53.204 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

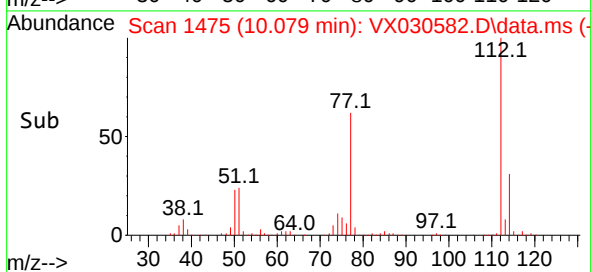
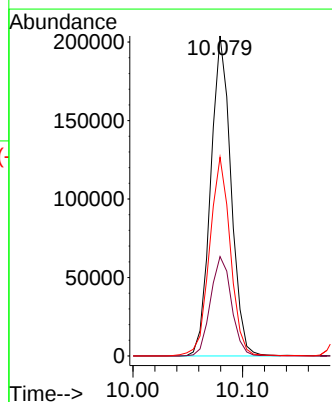
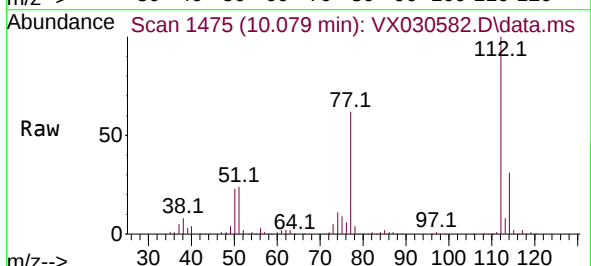
Tgt Ion:112 Resp: 262655

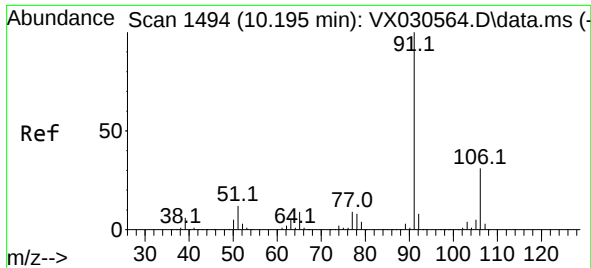
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.5

77 62.1 50.8 76.2

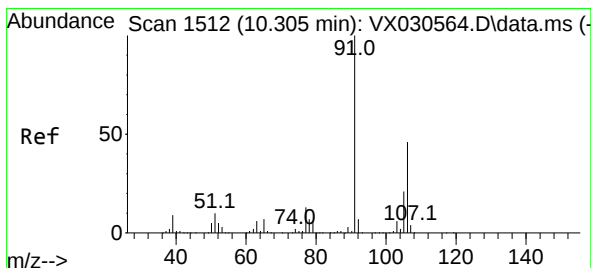
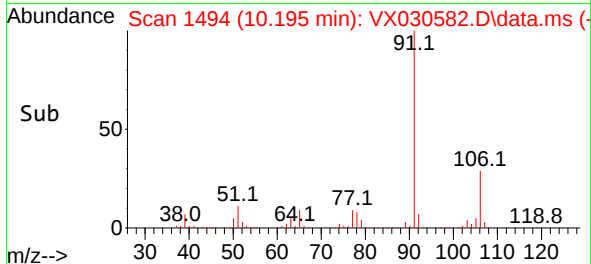
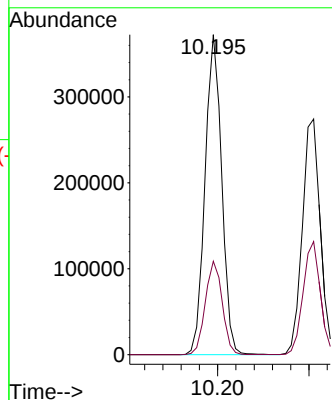
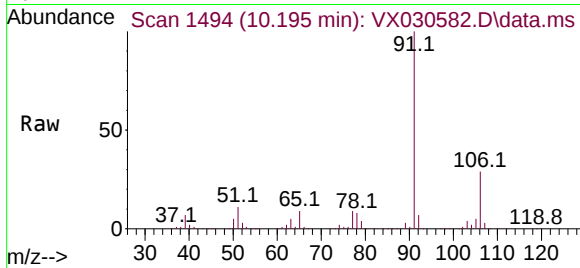




#52
Ethylbenzene
Concen: 54.354 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

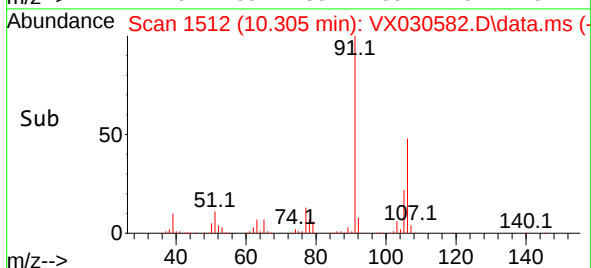
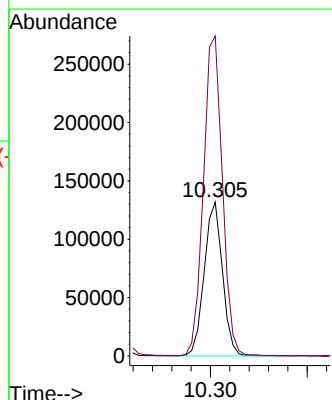
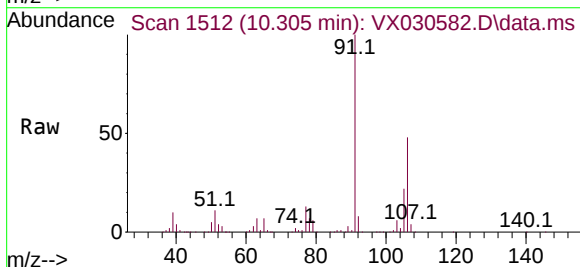
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

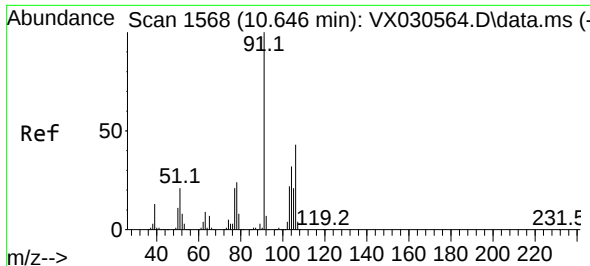
Tgt Ion: 91 Resp: 469628
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5



#53
m,p-Xylene
Concen: 53.852 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 106 Resp: 173426
Ion Ratio Lower Upper
106 100
91 208.2 147.8 274.6

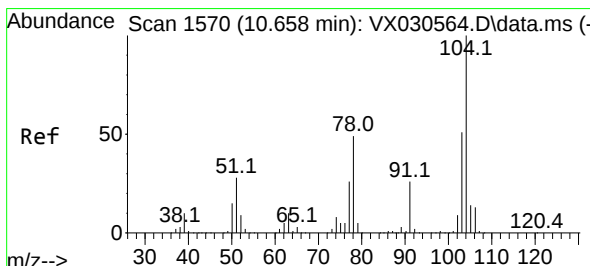
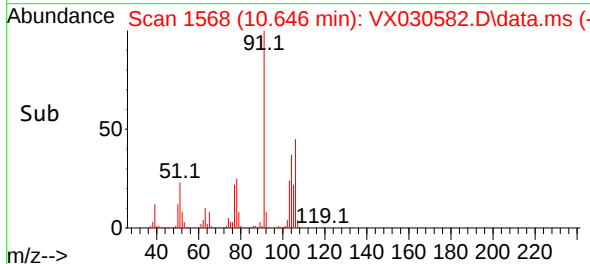
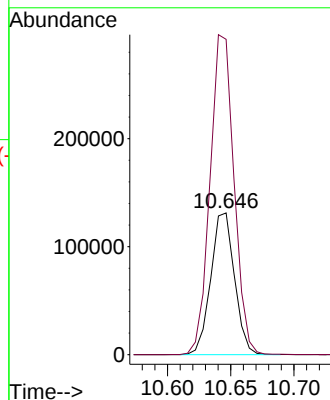
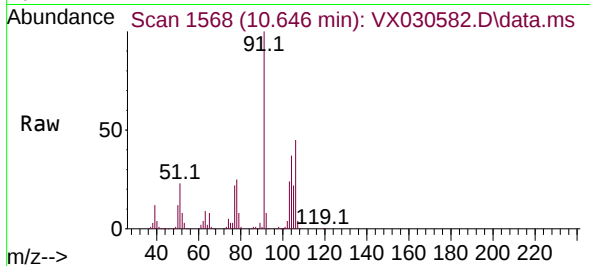




#54
o-Xylene
Concen: 53.412 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

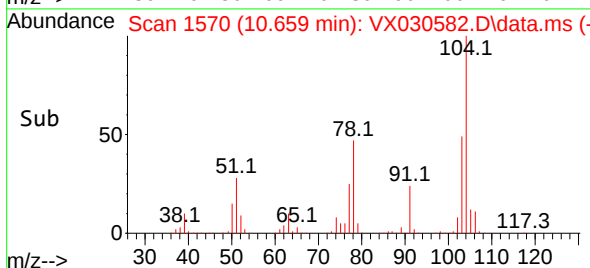
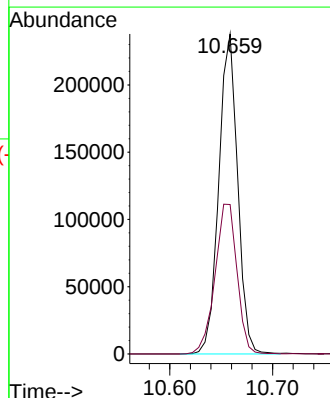
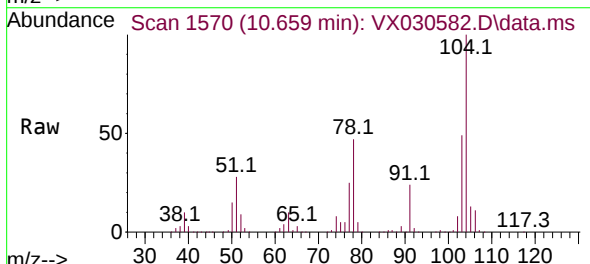
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

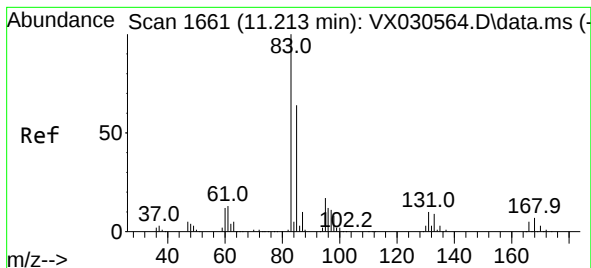
Tgt Ion:106 Resp: 171403
Ion Ratio Lower Upper
106 100
91 222.3 157.8 293.0



#55
Styrene
Concen: 55.962 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion:104 Resp: 302383
Ion Ratio Lower Upper
104 100
78 46.7 33.2 61.7

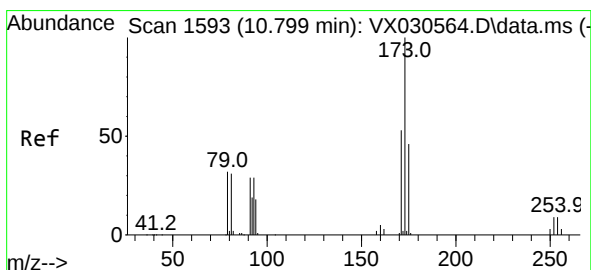
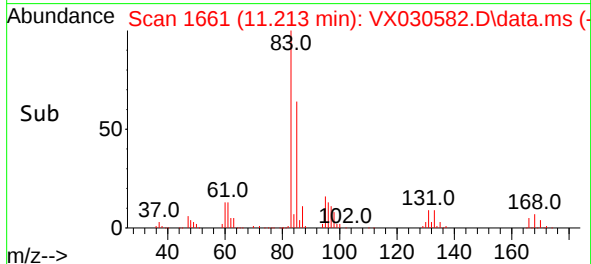
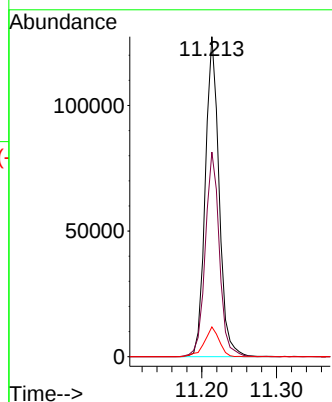
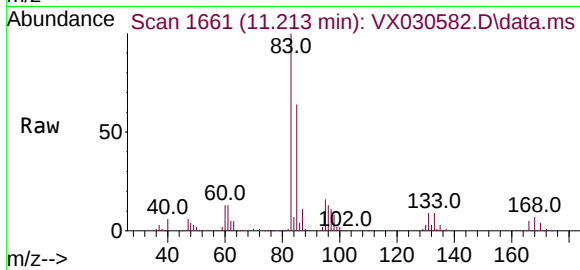




#57
1,1,2,2-Tetrachloroethane
Concen: 57.724 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

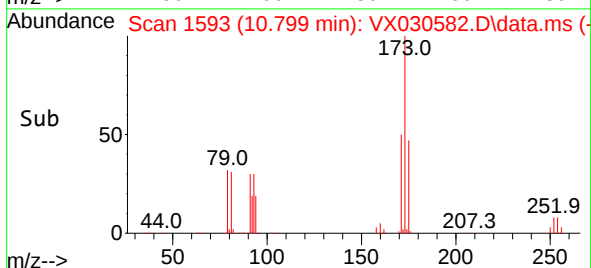
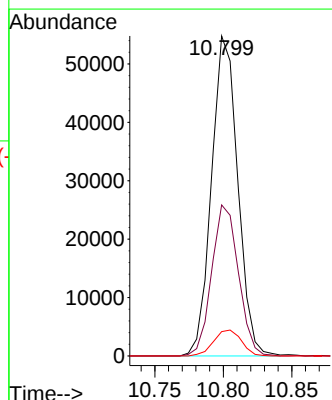
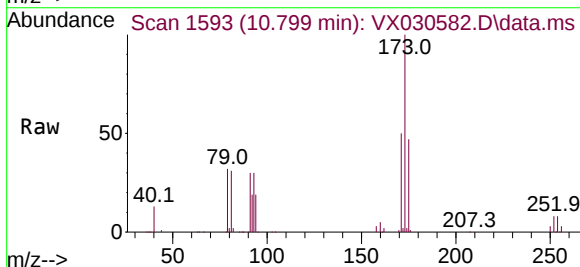
Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

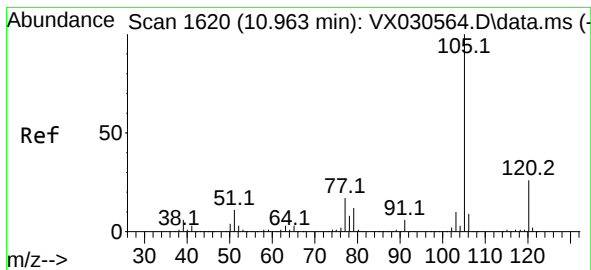
Tgt Ion: 83 Resp: 162887
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
131 9.3 7.5 11.3



#59
Bromoform
Concen: 57.250 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion: 173 Resp: 72957
Ion Ratio Lower Upper
173 100
175 48.0 38.9 58.3
254 8.6 7.0 10.4





#60

Isopropylbenzene

Concen: 55.065 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD050779

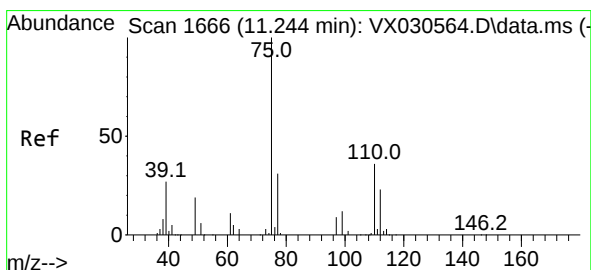
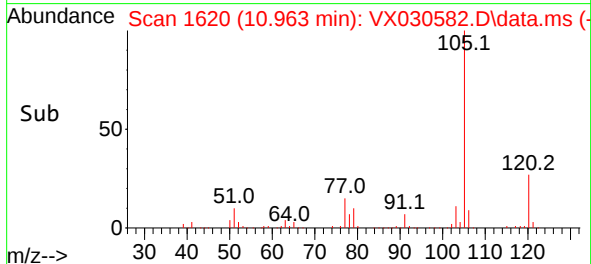
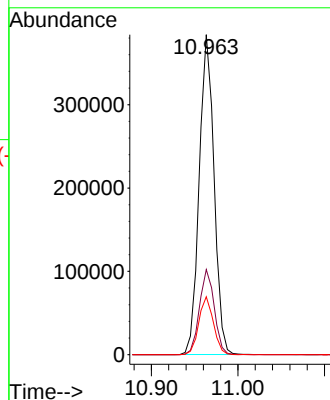
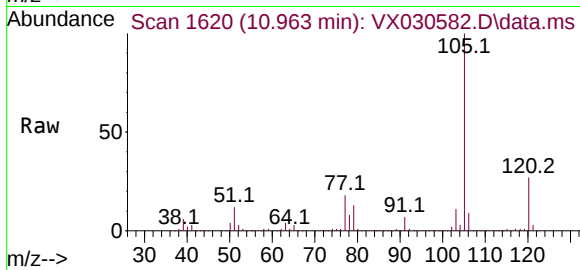
Tgt Ion:105 Resp: 456765

Ion Ratio Lower Upper

105 100

120 26.6 20.6 31.0

77 17.8 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 56.001 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

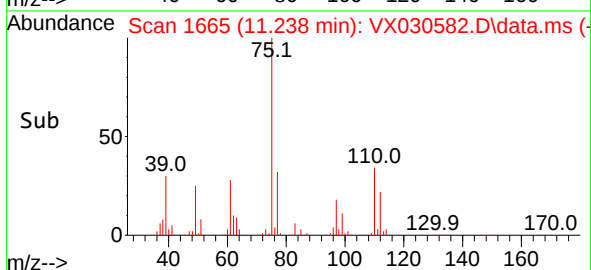
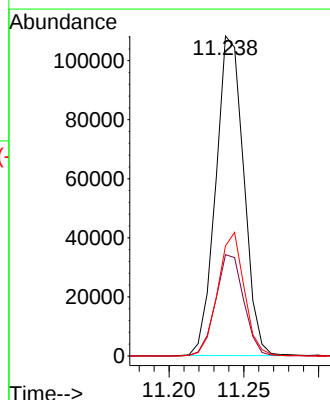
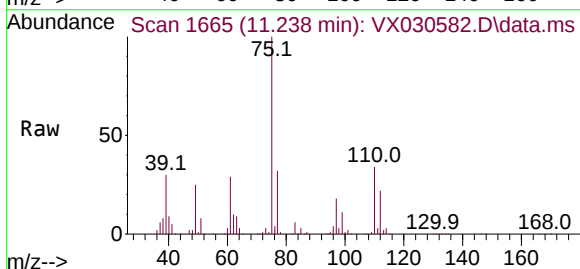
Tgt Ion: 75 Resp: 140741

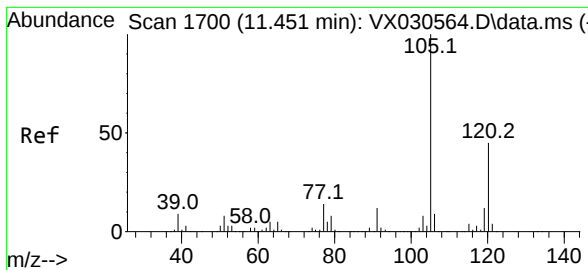
Ion Ratio Lower Upper

75 100

77 32.0 26.1 39.1

110 36.6 30.5 45.7

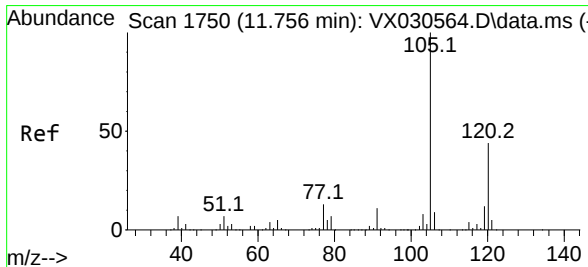
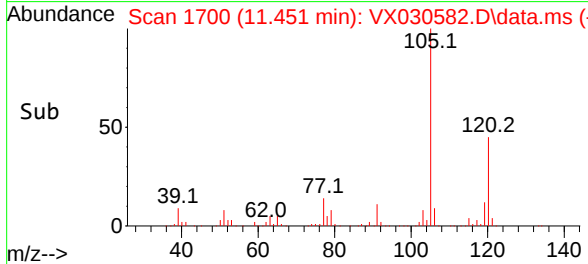
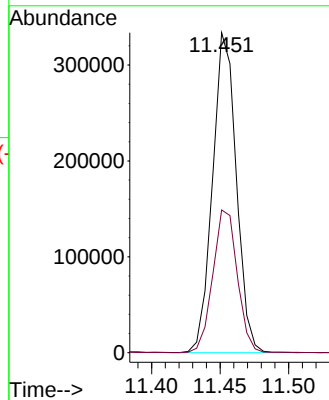
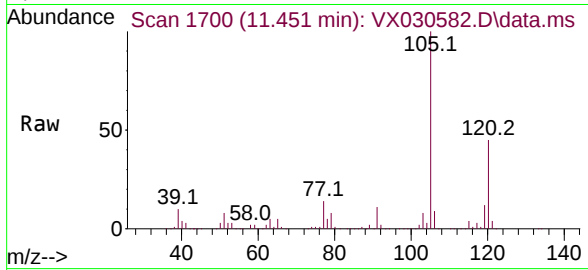




#62
 1,3,5-Trimethylbenzene
 Concen: 56.808 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

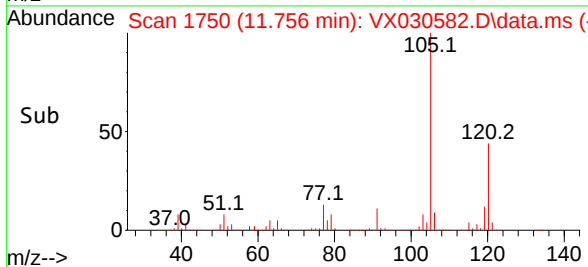
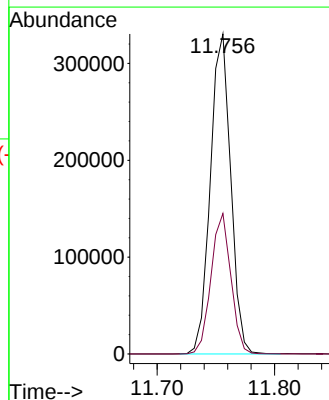
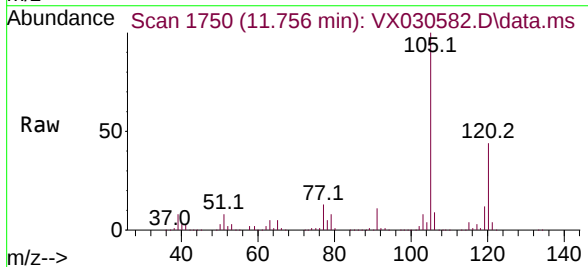
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050779

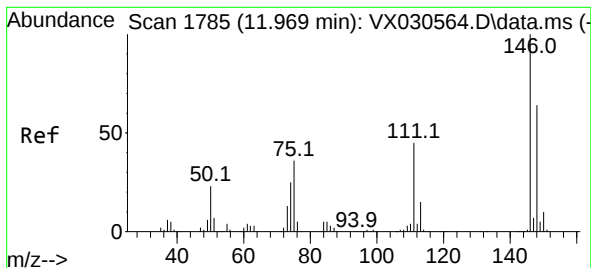
Tgt Ion:105 Resp: 402302
 Ion Ratio Lower Upper
 105 100
 120 46.0 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 55.622 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

Tgt Ion:105 Resp: 397801
 Ion Ratio Lower Upper
 105 100
 120 42.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 54.538 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD050779

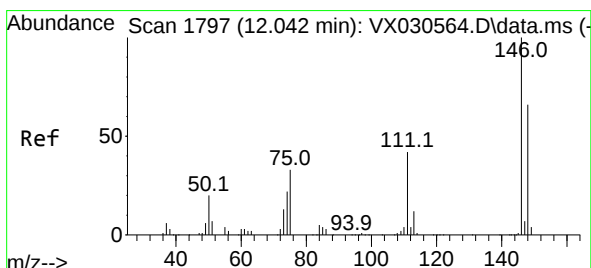
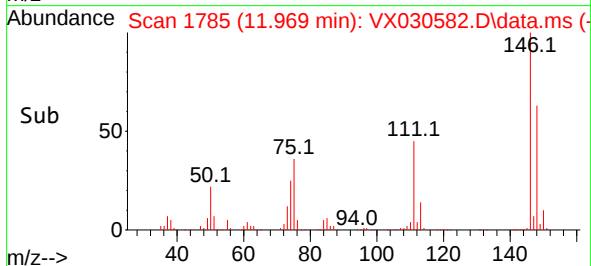
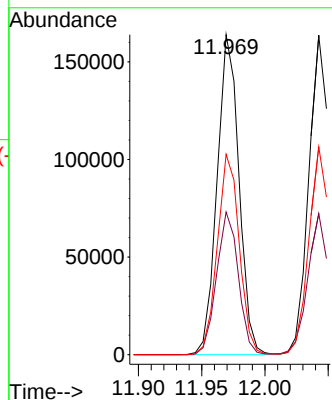
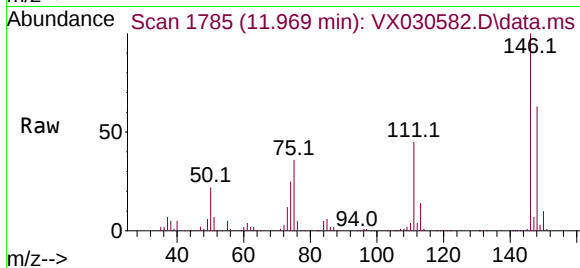
Tgt Ion:146 Resp: 196658

Ion Ratio Lower Upper

146 100

111 44.6 30.9 57.5

148 62.6 42.6 79.0



#65

1,4-Dichlorobenzene

Concen: 52.490 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

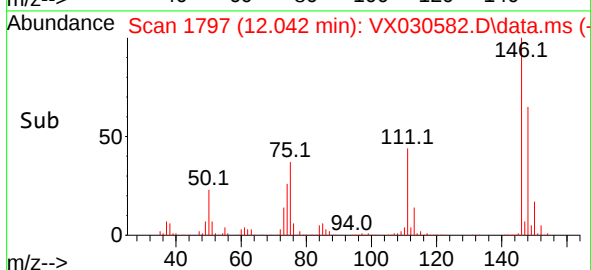
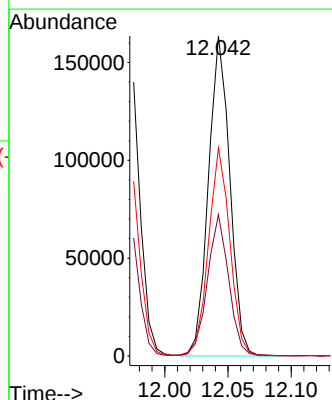
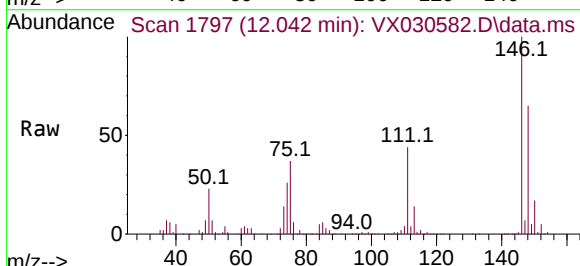
Tgt Ion:146 Resp: 192408

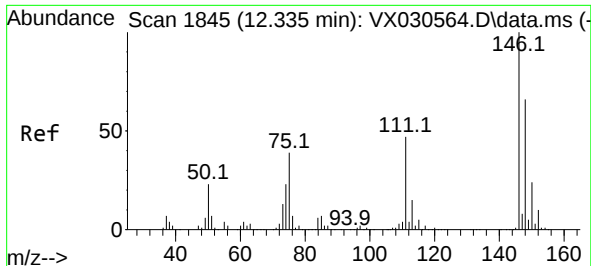
Ion Ratio Lower Upper

146 100

111 44.2 32.6 60.6

148 65.1 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 55.035 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD050779

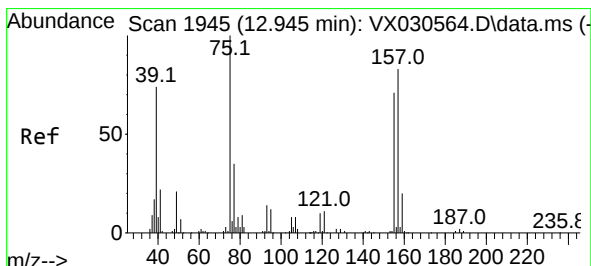
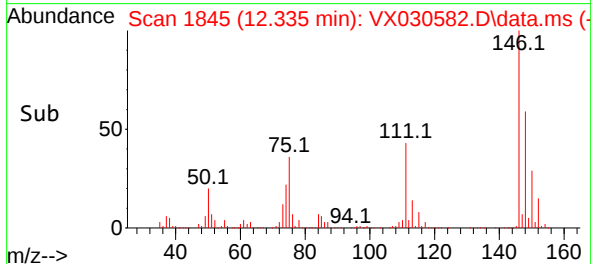
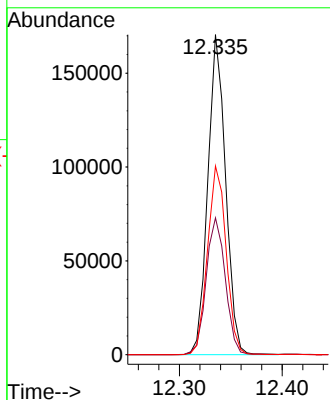
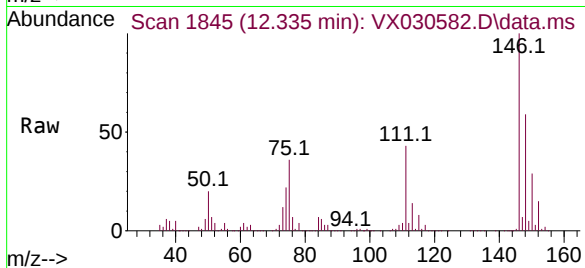
Tgt Ion:146 Resp: 205224

Ion Ratio Lower Upper

146 100

111 42.7 36.9 55.3

148 58.9 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 55.743 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030582.D

Acq: 12 Aug 2022 09:14

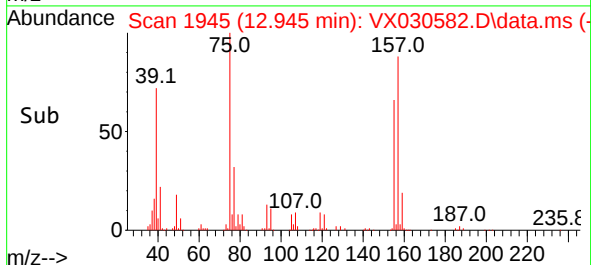
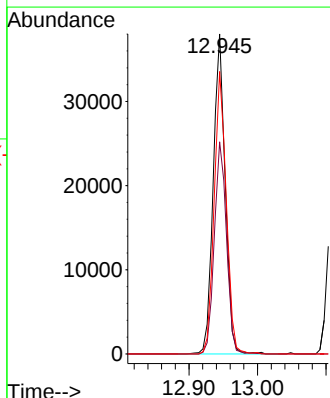
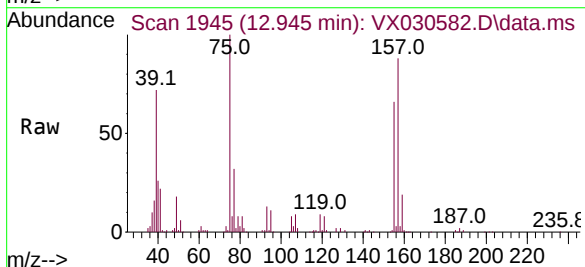
Tgt Ion: 75 Resp: 46212

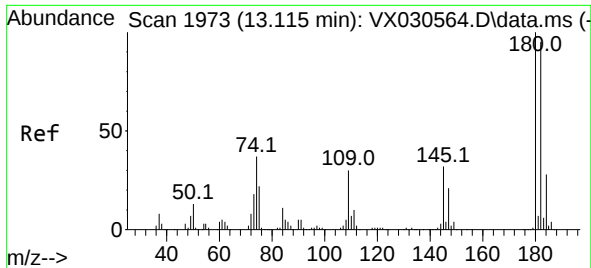
Ion Ratio Lower Upper

75 100

155 66.3 57.1 85.7

157 88.3 73.1 109.7

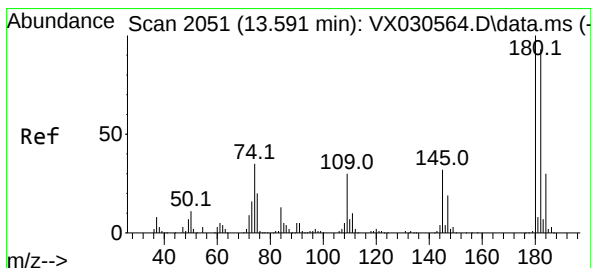
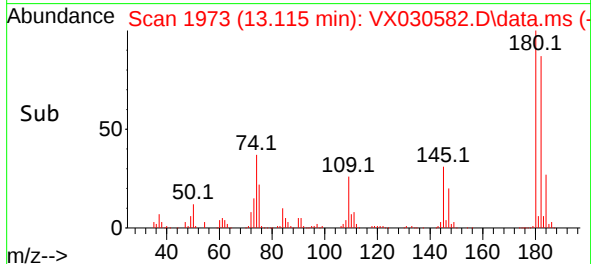
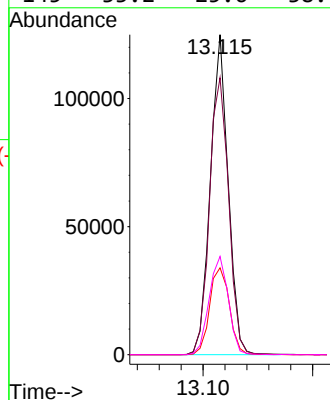
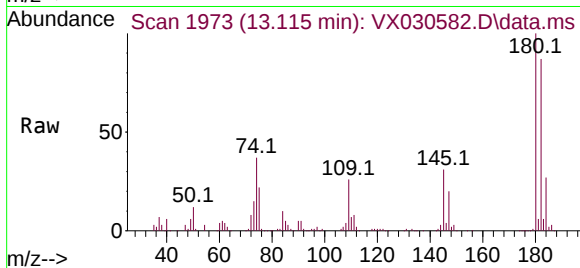




#69
 1,3,5-Trichlorobenzene
 Concen: 55.666 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

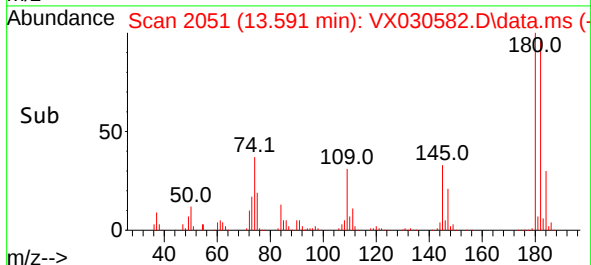
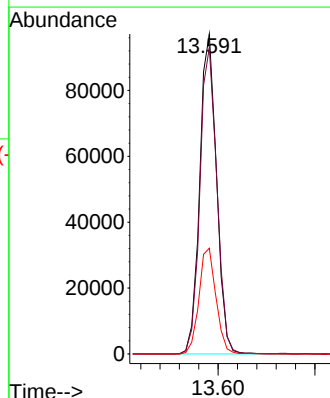
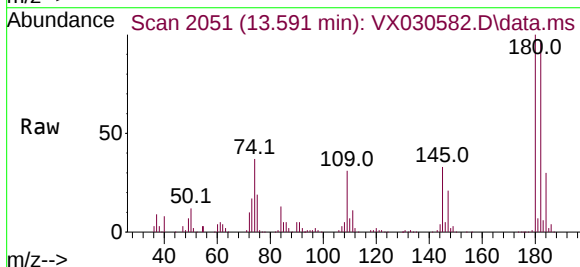
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050779

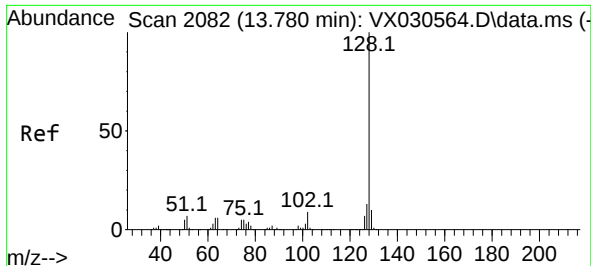
Tgt Ion:	180	Resp:	140767
Ion	Ratio	Lower	Upper
180	100		
182	93.1	73.7	110.5
184	30.2	24.1	36.1
145	33.2	25.6	38.4



#70
 1,2,4-trichlorobenzene
 Concen: 52.930 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030582.D
 Acq: 12 Aug 2022 09:14

Tgt Ion:	180	Resp:	117550
Ion	Ratio	Lower	Upper
180	100		
182	96.4	72.7	109.1
145	33.5	26.6	40.0

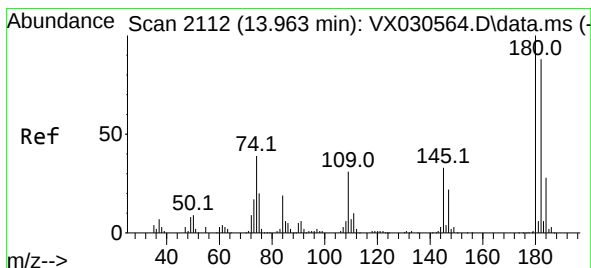
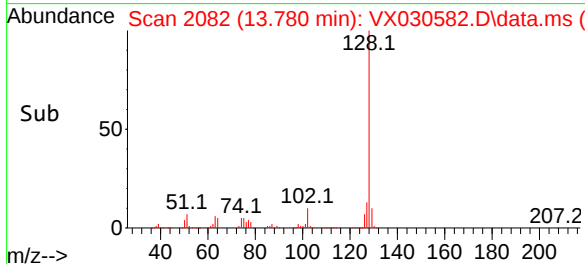
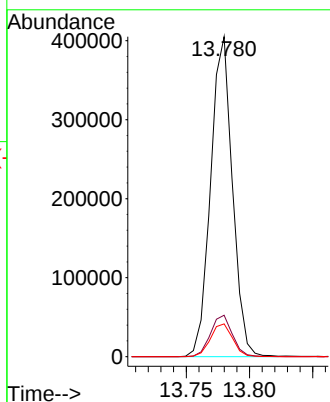
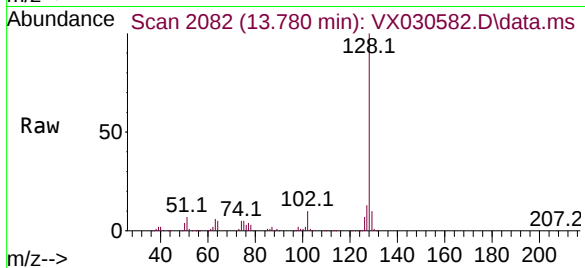




#71
Naphthalene
Concen: 52.787 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Instrument :
MSVOA_X
ClientSampleId :
VSTD050779

Tgt Ion:128 Resp: 485273
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.5 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.803 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030582.D
Acq: 12 Aug 2022 09:14

Tgt Ion:180 Resp: 128561
Ion Ratio Lower Upper
180 100
182 95.3 74.6 112.0
145 36.2 28.4 42.6

