

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072022\
 Data File : VX030128.D
 Acq On : 20 Jul 2022 12:41
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050762

Quant Time: Jul 21 06:59:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 06:57:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	267775	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246494	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129962	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	94938	45.454	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.900%
7) Chloroethane-d5	1.666	69	74332	51.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.860%
11) 1,1-Dichloroethene-d2	2.307	63	204189	50.541	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.080%
21) 2-Butanone-d5	4.465	46	229208	111.588	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.590%
24) Chloroform-d	5.062	84	220952	52.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.958	65	137443	51.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.620%
32) Benzene-d6	5.977	84	454401	50.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
36) 1,2-Dichloropropane-d6	7.312	67	147200	50.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.180%
41) Toluene-d8	8.653	98	410731	49.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.220%
43) trans-1,3-Dichloroprop...	8.952	79	64543	52.233	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.460%
47) 2-Hexanone-d5	9.385	63	160464	109.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.980%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	205301	52.877	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.760%
66) 1,2-Dichlorobenzene-d4	12.323	152	154315	51.223	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	120387	53.688	ug/L	98
3) Chloromethane	1.288	50	103722	51.755	ug/L	98
5) Vinyl chloride	1.374	62	108589	51.976	ug/L	98
6) Bromomethane	1.605	94	49531	52.558	ug/L	98
8) Chloroethane	1.685	64	61251	53.128	ug/L	97
9) Trichlorofluoromethane	1.886	101	147575	54.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	104892	54.861	ug/L	99
12) 1,1-Dichloroethene	2.319	96	98975	53.692	ug/L #	82
13) Acetone	2.386	43	126782	110.872	ug/L	99
14) Carbon disulfide	2.508	76	269808	52.008	ug/L	100
15) Methyl Acetate	2.709	43	144951	55.657	ug/L	99
16) Methylene chloride	2.788	84	115244	51.790	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	105754	53.912	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	329286	54.489	ug/L	98
19) 1,1-Dichloroethane	3.611	63	196208	54.721	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	122066	53.594	ug/L	98
22) 2-Butanone	4.562	43	215474	110.211	ug/L	100
23) Bromochloromethane	4.904	128	59501	52.498	ug/L	98
25) Chloroform	5.099	83	201799	54.221	ug/L	99

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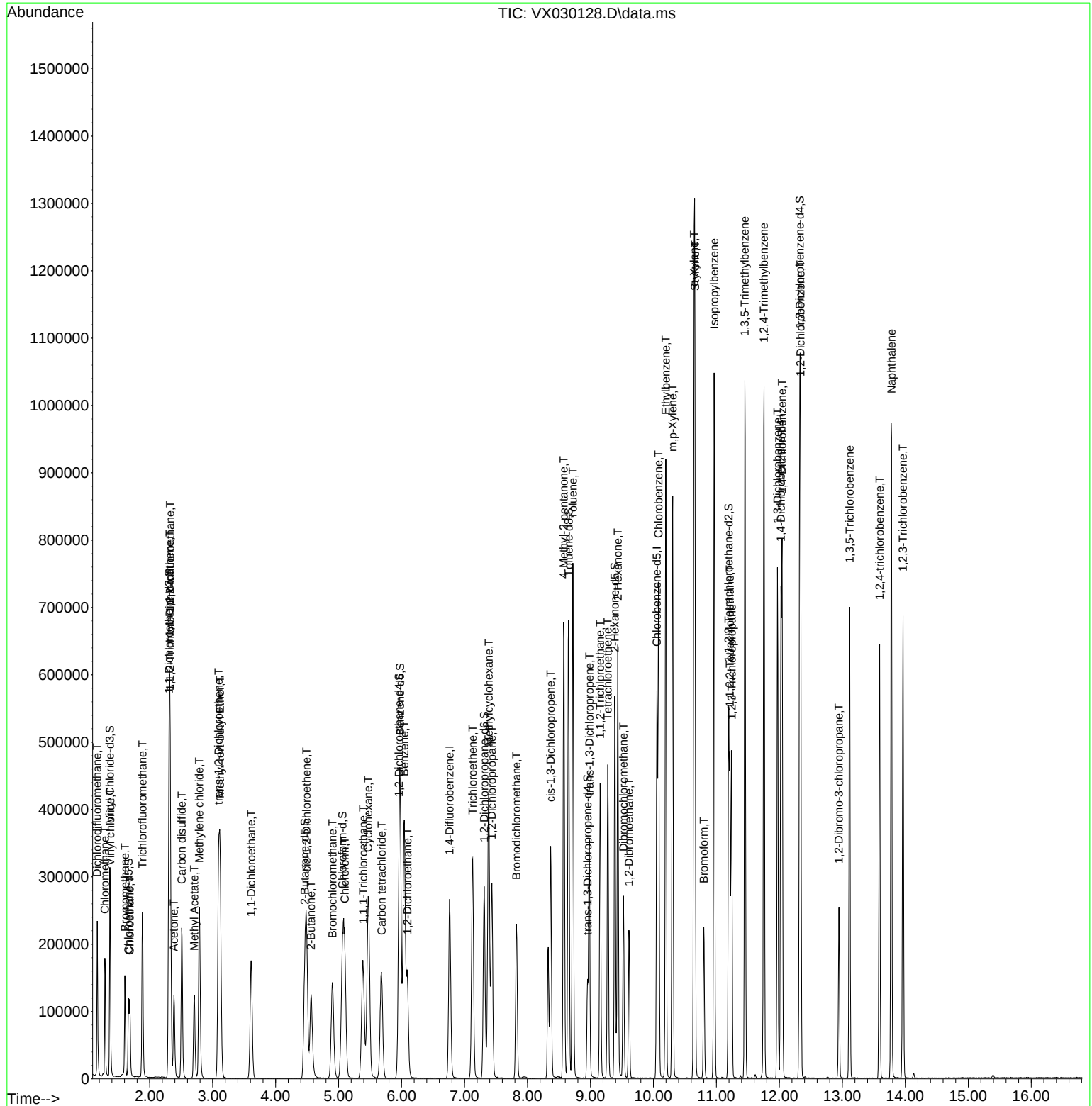
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	153824	55.030	ug/L	99
29) Cyclohexane	5.471	56	184700	54.635	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	163644	53.959	ug/L	99
31) Carbon tetrachloride	5.684	117	136619	54.687	ug/L	97
33) Benzene	6.044	78	466589	54.364	ug/L	100
34) Trichloroethene	7.129	95	124805	54.291	ug/L	98
35) Methylcyclohexane	7.385	83	197292	57.049	ug/L	99
37) 1,2-Dichloropropane	7.434	63	120098	53.466	ug/L	100
38) Bromodichloromethane	7.824	83	148429	54.007	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	173389	53.998	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	414427	113.419	ug/L	99
42) Toluene	8.720	91	492844	55.303	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	164499	54.704	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	114758	53.385	ug/L	97
46) Tetrachloroethene	9.275	164	84431	53.016	ug/L	97
48) 2-Hexanone	9.433	43	332140	113.194	ug/L	99
49) Dibromochloromethane	9.525	129	115276	53.593	ug/L	97
50) 1,2-Dibromoethane	9.610	107	120803	52.921	ug/L	98
51) Chlorobenzene	10.080	112	304699	54.416	ug/L	97
52) Ethylbenzene	10.195	91	530184	55.817	ug/L	98
53) m,p-Xylene	10.305	106	204280	55.171	ug/L	95
54) o-Xylene	10.647	106	201702	56.098	ug/L	99
55) Styrene	10.659	104	350190	56.536	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	182111	53.683	ug/L	98
59) Bromoform	10.799	173	78531	51.735	ug/L	98
60) Isopropylbenzene	10.964	105	523030	54.908	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	153754	53.333	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	444745	56.503	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	447823	57.062	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	228953	54.644	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	230877	54.810	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	232131	54.460	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	47626	55.009	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	156190	55.209	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	141022	56.791	ug/L	99
71) Naphthalene	13.780	128	587737	57.855	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	146154	55.399	ug/L	100

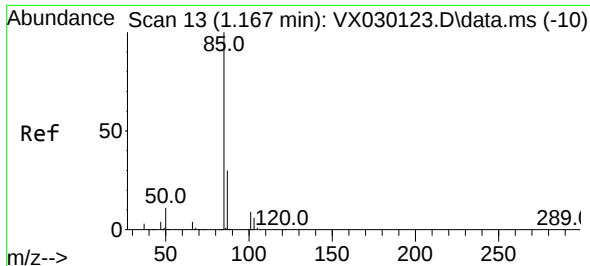
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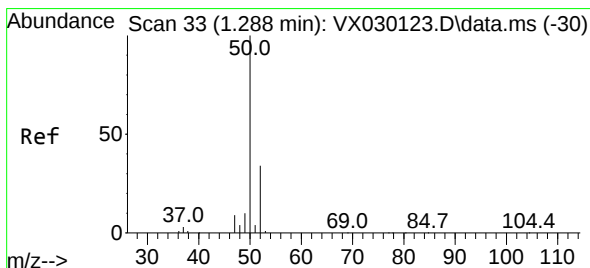
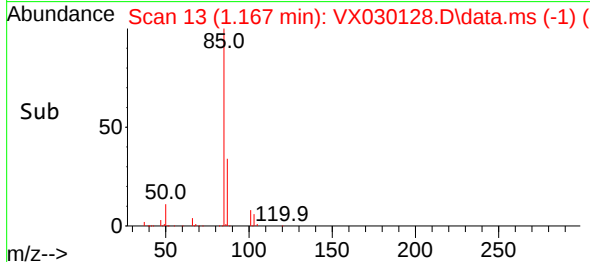
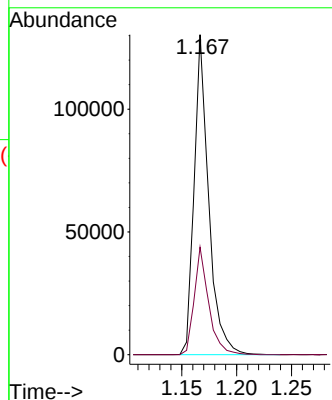
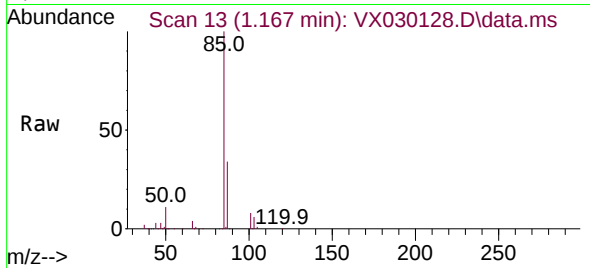




#2
Dichlorodifluoromethane
Concen: 53.688 ug/L
RT: 1.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

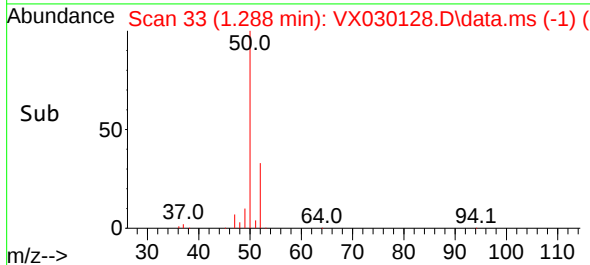
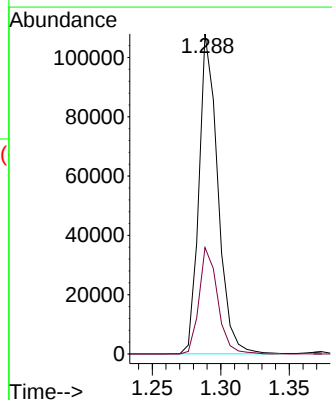
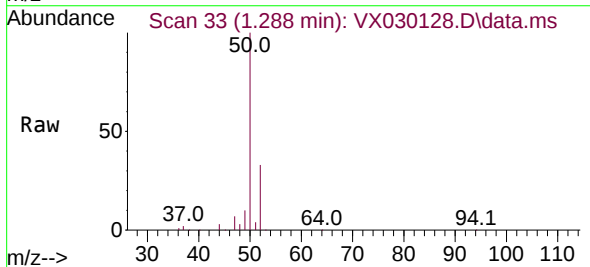
Instrument :
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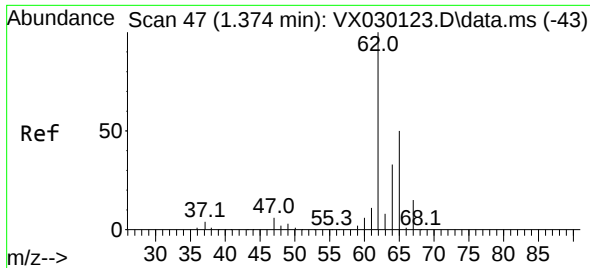
Tgt Ion: 85 Resp: 120387
Ion Ratio Lower Upper
85 100
87 33.5 25.7 38.5



#3
Chloromethane
Concen: 51.755 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion: 50 Resp: 103722
Ion Ratio Lower Upper
50 100
52 33.3 22.6 42.0

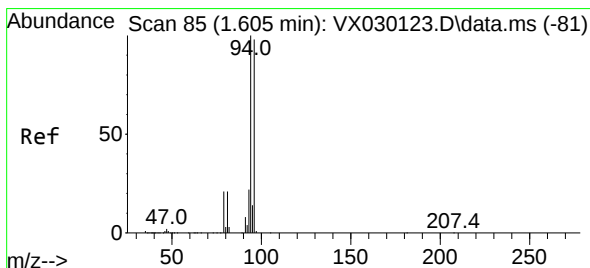
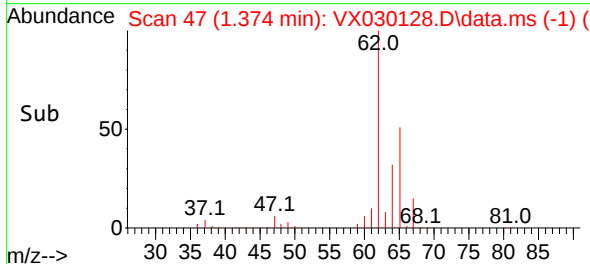
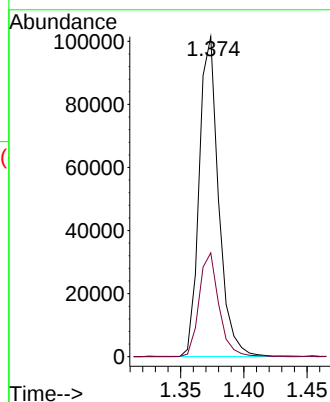
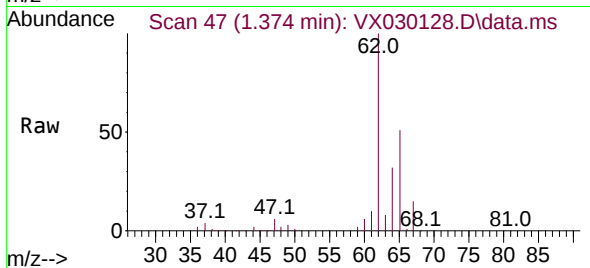




#5
 Vinyl chloride
 Concen: 51.976 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030128.D
 Acq: 20 Jul 2022 12:41

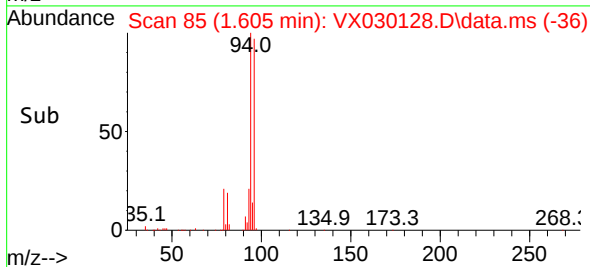
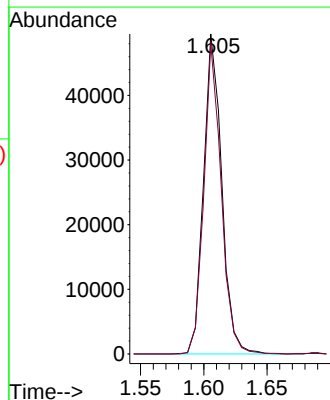
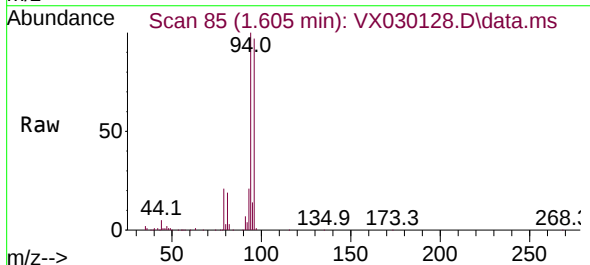
Instrument :
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 ClientSampleId :
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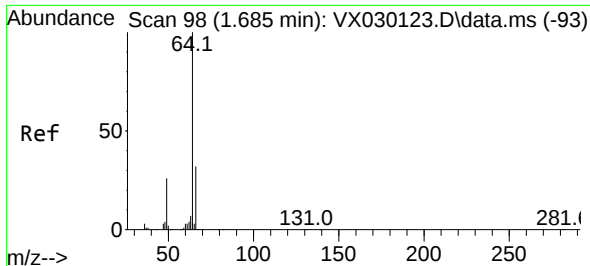
Tgt Ion: 62 Resp: 108589
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.1 41.1



#6
 Bromomethane
 Concen: 52.558 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX030128.D
 Acq: 20 Jul 2022 12:41

Tgt Ion: 94 Resp: 49531
 Ion Ratio Lower Upper
 94 100
 96 96.9 66.5 123.5

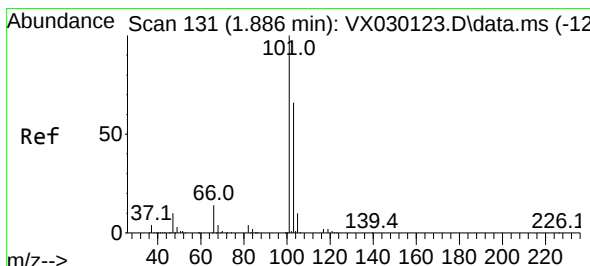
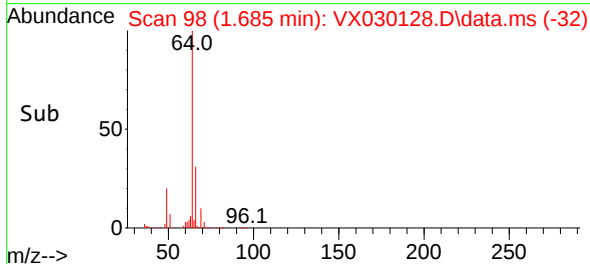
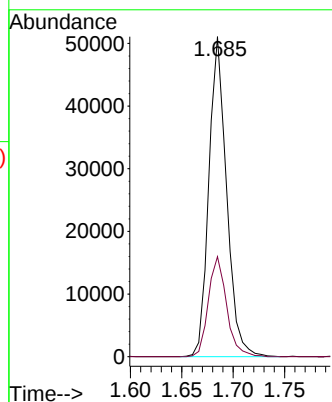
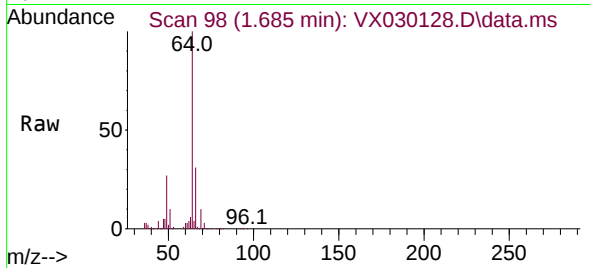




#8
Chloroethane
Concen: 53.128 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

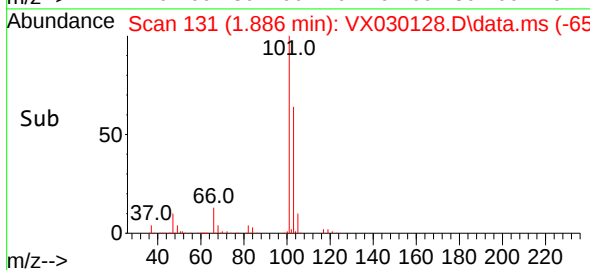
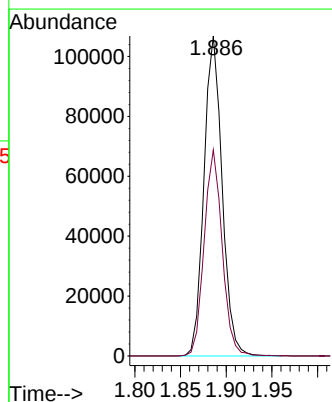
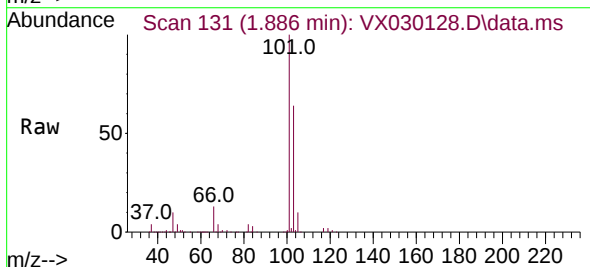
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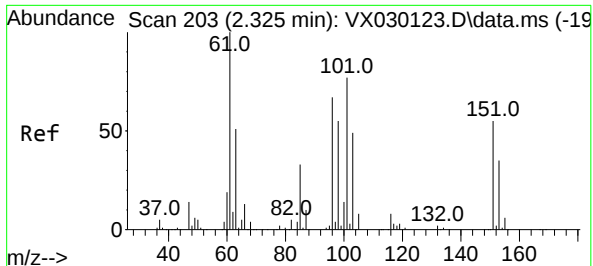
Tgt Ion: 64 Resp: 61251
Ion Ratio Lower Upper
64 100
66 31.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 54.566 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion: 101 Resp: 147575
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6

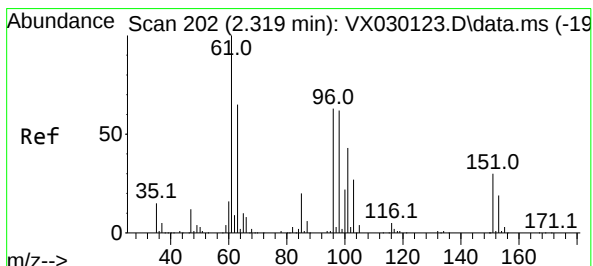
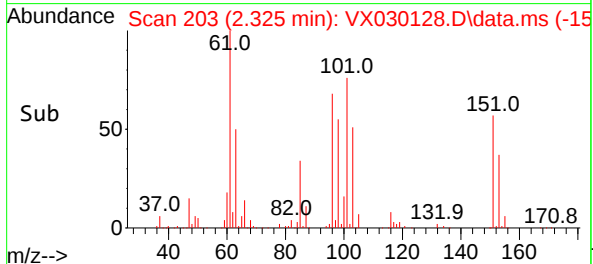
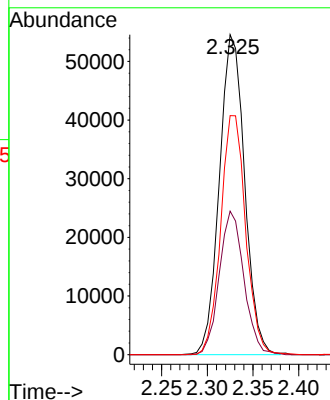
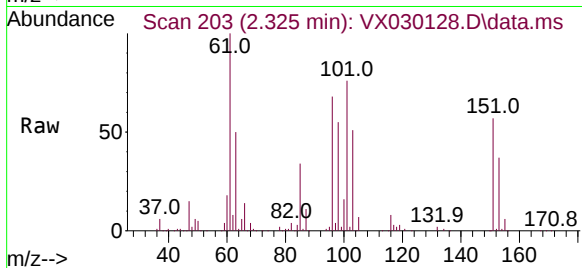




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.861 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX030128.D
 Acq: 20 Jul 2022 12:41

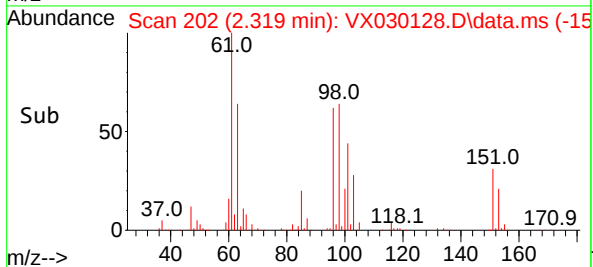
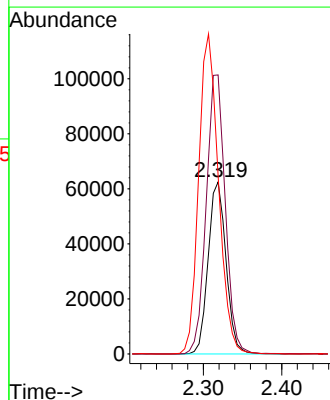
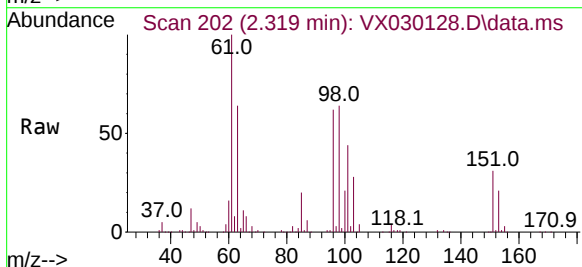
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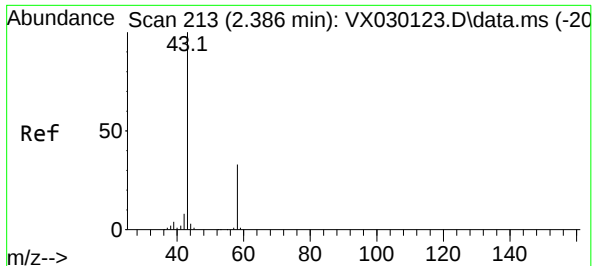
Tgt Ion:101 Resp: 104892
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.1 51.1
 151 73.9 59.4 89.2



#12
 1,1-Dichloroethene
 Concen: 53.692 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030128.D
 Acq: 20 Jul 2022 12:41

Tgt Ion: 96 Resp: 98975
 Ion Ratio Lower Upper
 96 100
 61 162.3 115.1 213.7
 63 103.6 104.1 193.3#

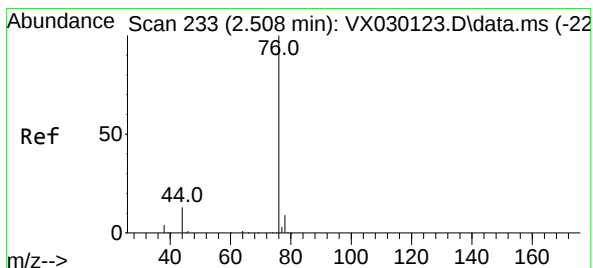
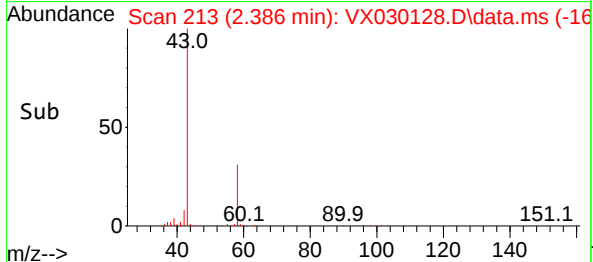
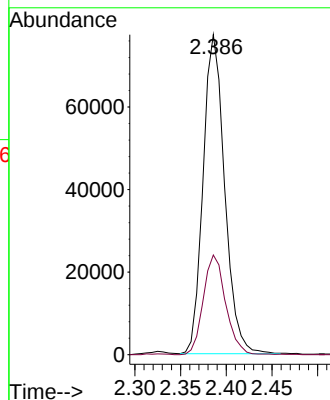
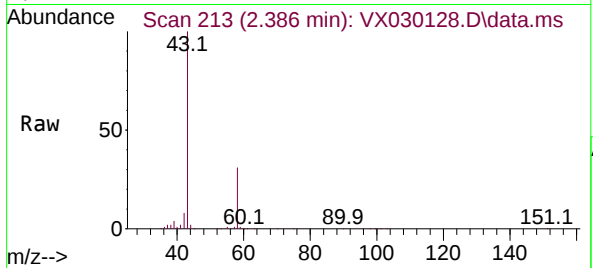




#13
Acetone
Concen: 110.872 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030128.D
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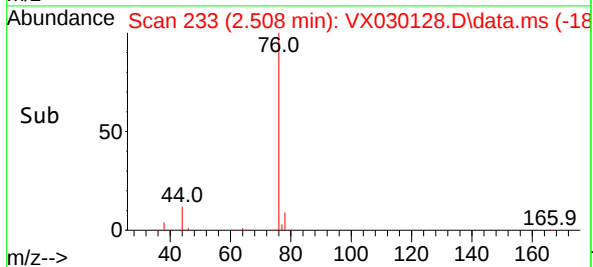
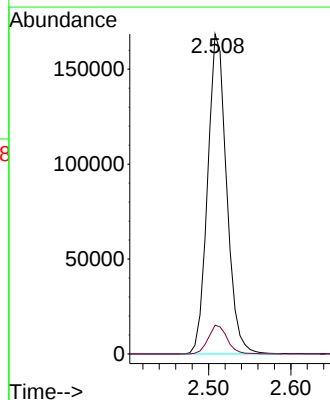
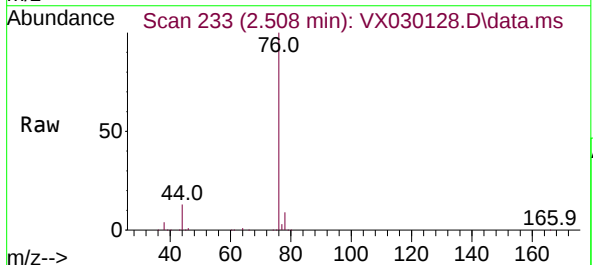
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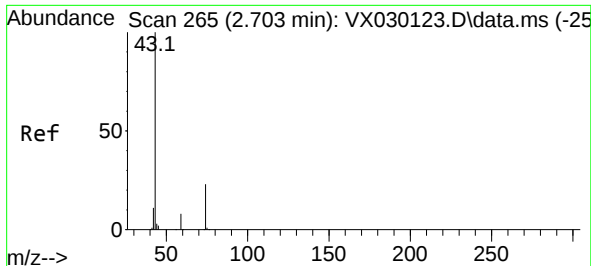
Tgt Ion: 43 Resp: 126782
Ion Ratio Lower Upper
43 100
58 32.3 0.0 65.6



#14
Carbon disulfide
Concen: 52.008 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
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Acq: 20 Jul 2022 12:41

Tgt Ion: 76 Resp: 269808
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

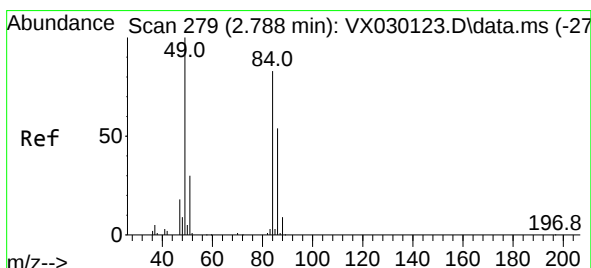
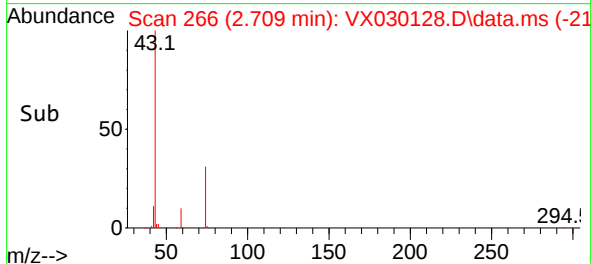
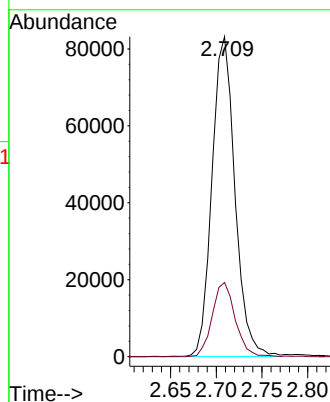
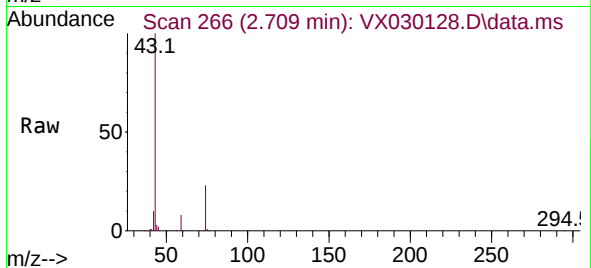




#15
Methyl Acetate
Concen: 55.657 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

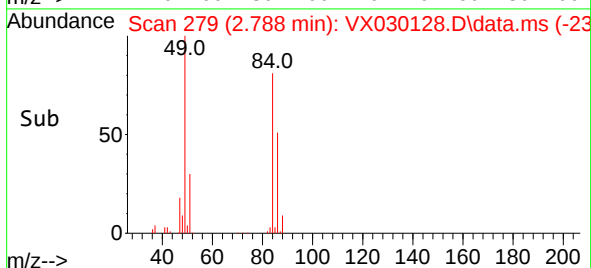
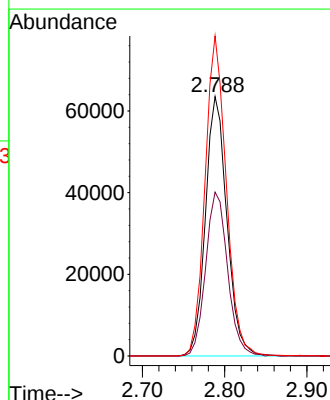
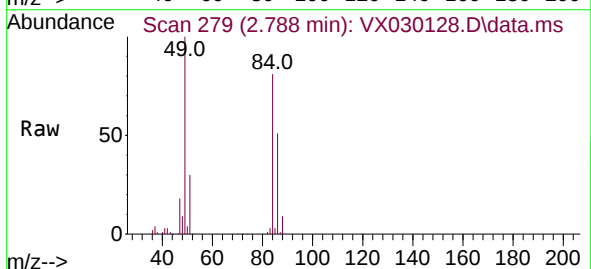
Instrument :
MSVOA_X
ClientSampleId :
VSTD050762

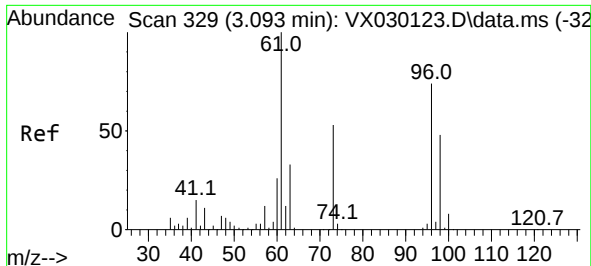
Tgt Ion: 43 Resp: 144951
Ion Ratio Lower Upper
43 100
74 23.0 18.7 28.1



#16
Methylene chloride
Concen: 51.790 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion: 84 Resp: 115244
Ion Ratio Lower Upper
84 100
86 63.1 44.8 83.2
49 123.4 80.6 149.6

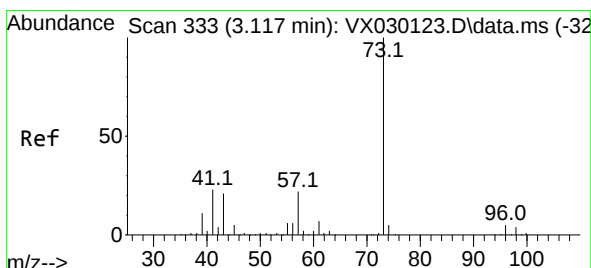
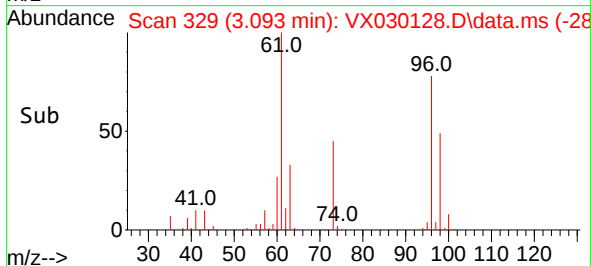
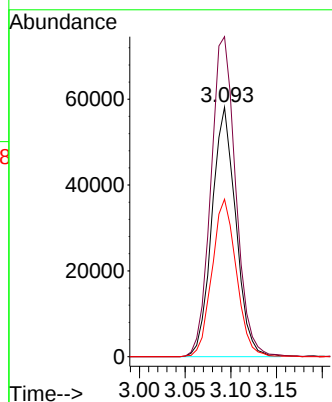
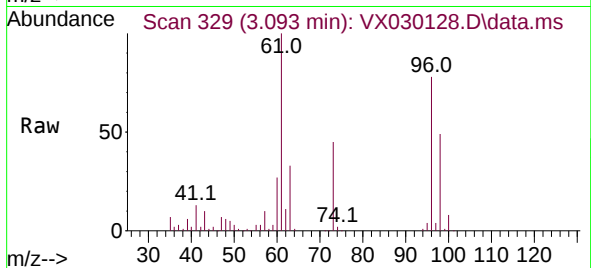




#17
trans-1,2-Dichloroethene
Concen: 53.912 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

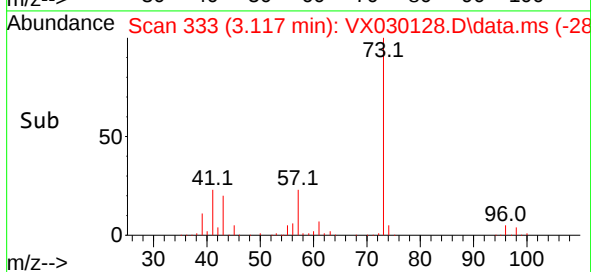
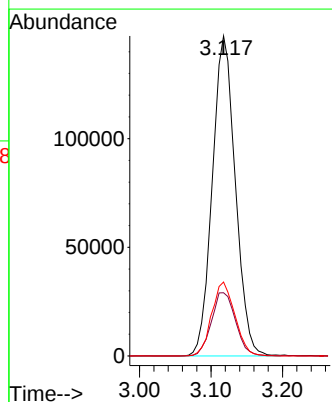
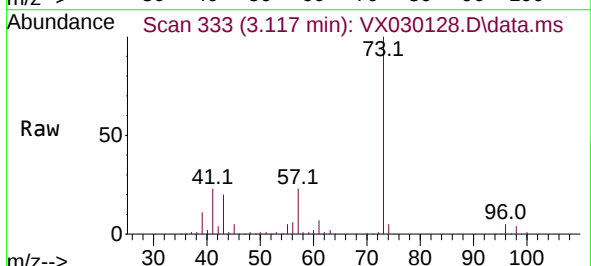
Instrument :
MSVOA_X
ClientSampleId :
VSTD050762

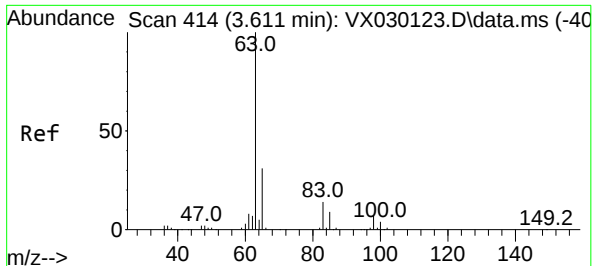
Tgt Ion: 96 Resp: 105754
Ion Ratio Lower Upper
96 100
61 128.3 90.4 168.0
98 63.1 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 54.489 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion: 73 Resp: 329286
Ion Ratio Lower Upper
73 100
43 20.8 16.2 24.4
57 23.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 54.721 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050762

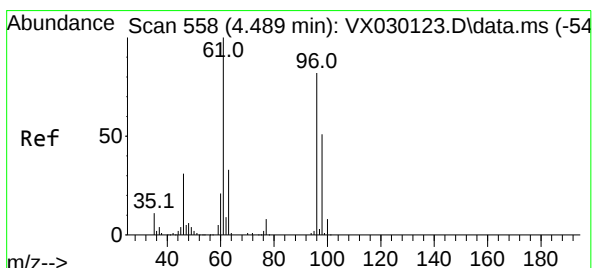
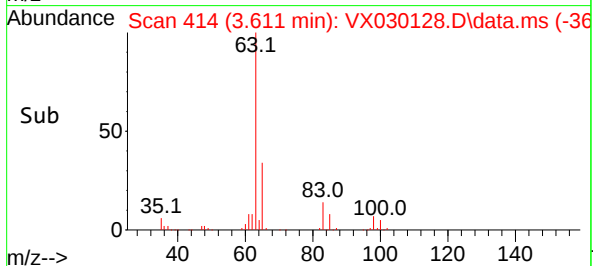
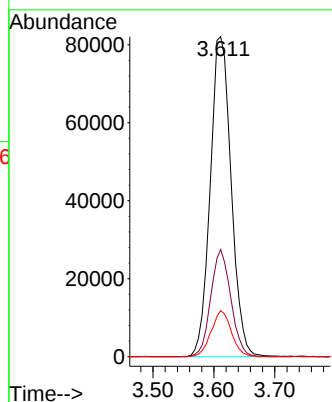
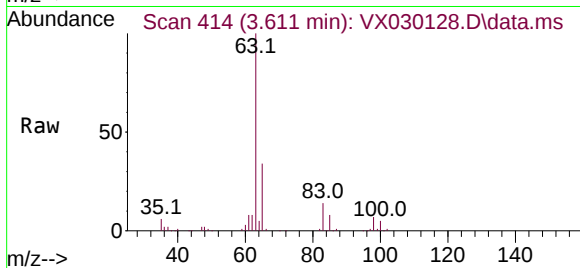
Tgt Ion: 63 Resp: 196208

Ion Ratio Lower Upper

63 100

65 33.5 23.4 43.6

83 14.4 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 53.594 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

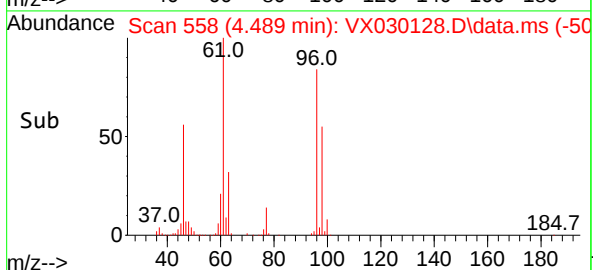
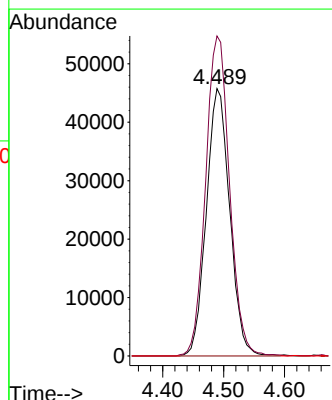
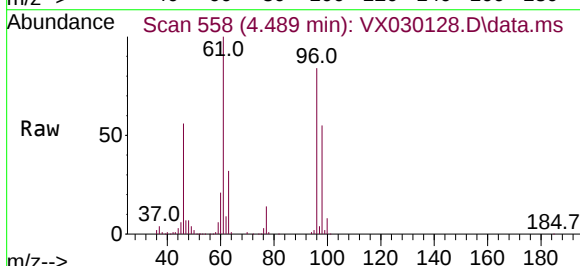
Tgt Ion: 96 Resp: 122066

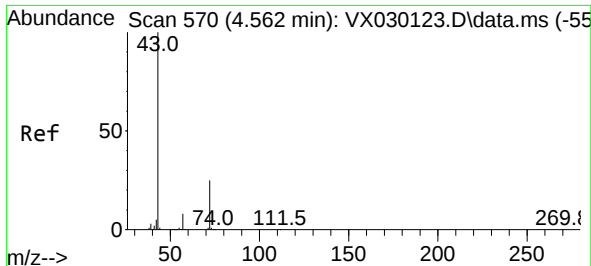
Ion Ratio Lower Upper

96 100

61 119.7 82.1 152.5

68 0.0 0.0 0.0

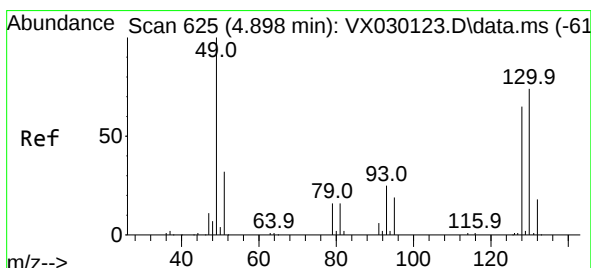
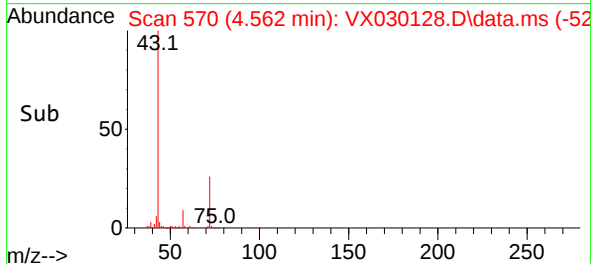
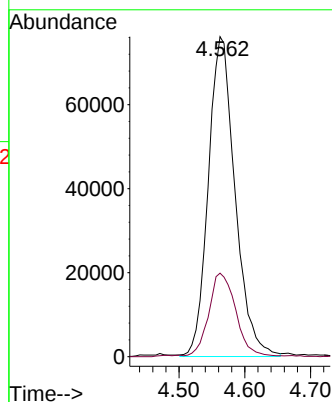
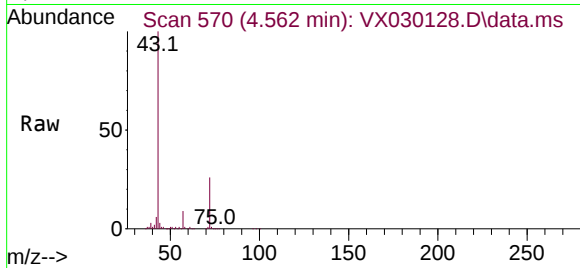




#22
2-Butanone
Concen: 110.211 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

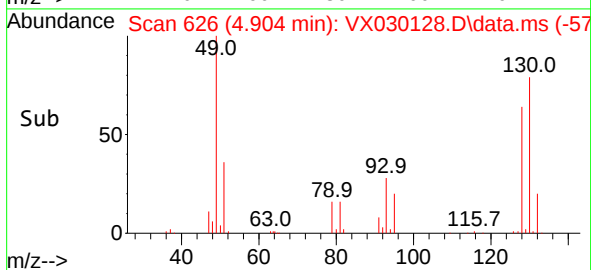
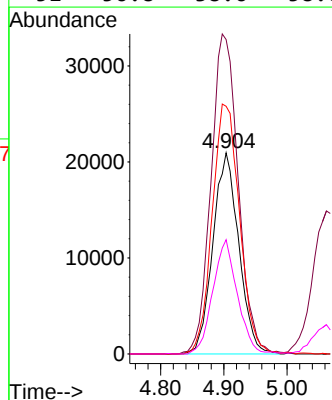
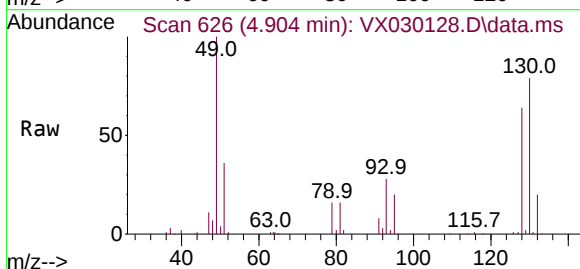
Instrument :
MSVOA_X
ClientSampleId :
VSTD050762

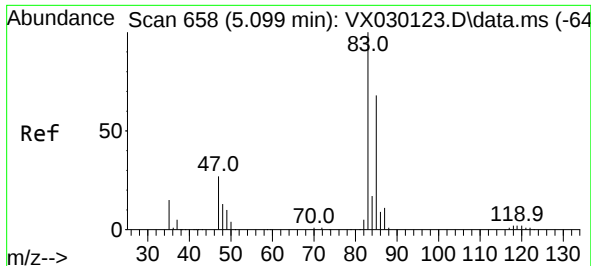
Tgt Ion: 43 Resp: 215474
Ion Ratio Lower Upper
43 100
72 26.4 13.1 39.3



#23
Bromochloromethane
Concen: 52.498 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion:128 Resp: 59501
Ion Ratio Lower Upper
128 100
49 156.3 110.0 204.4
130 123.1 86.0 159.6
51 56.8 38.6 58.0





#25

Chloroform

Concen: 54.221 ug/L

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

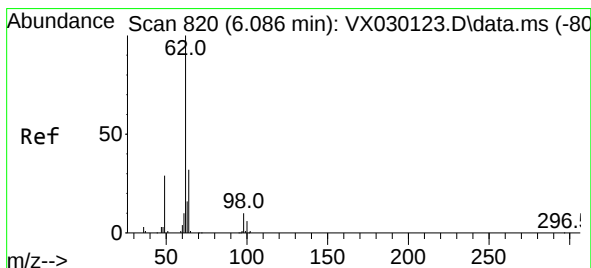
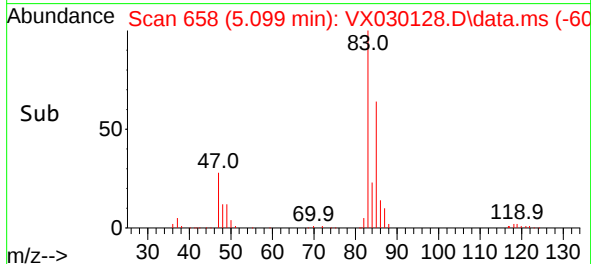
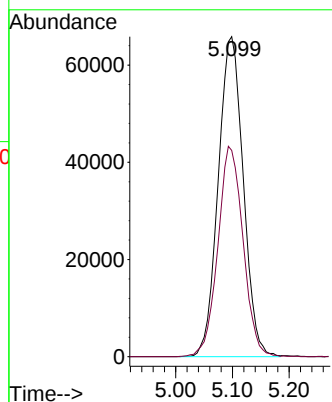
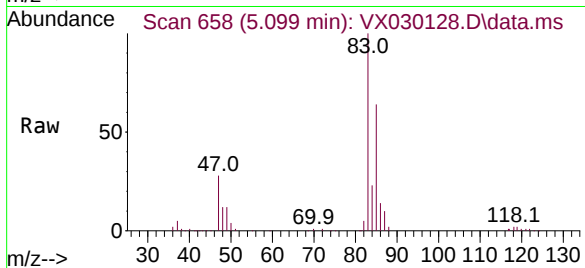
VSTD050762

Tgt Ion: 83 Resp: 201799

Ion Ratio Lower Upper

83 100

85 64.4 44.7 82.9



#27

1,2-Dichloroethane

Concen: 55.030 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX030128.D

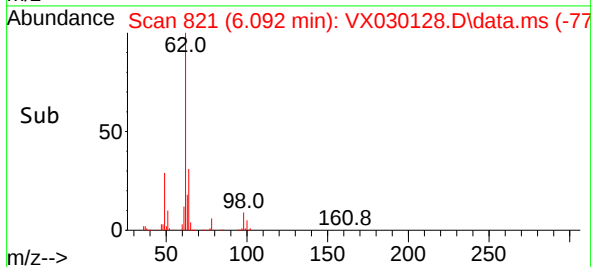
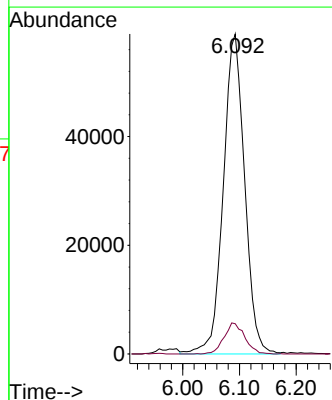
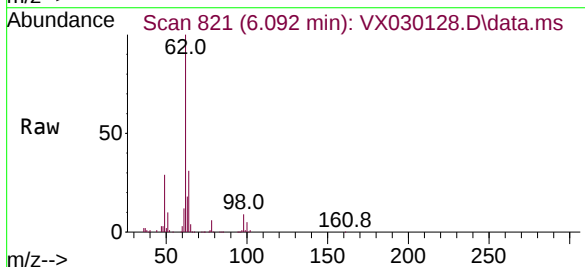
Acq: 20 Jul 2022 12:41

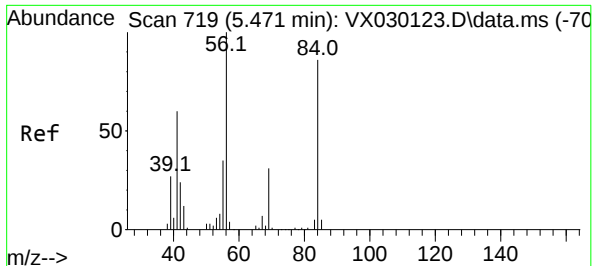
Tgt Ion: 62 Resp: 153824

Ion Ratio Lower Upper

62 100

98 9.5 8.0 12.0





#29

Cyclohexane

Concen: 54.635 ug/L

RT: 5.471 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050762

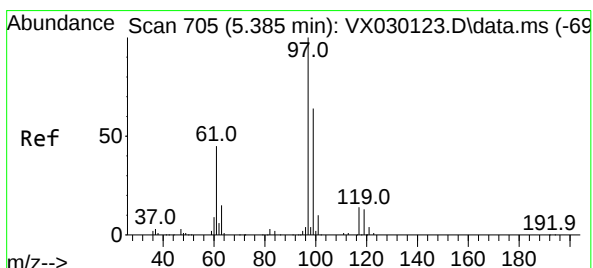
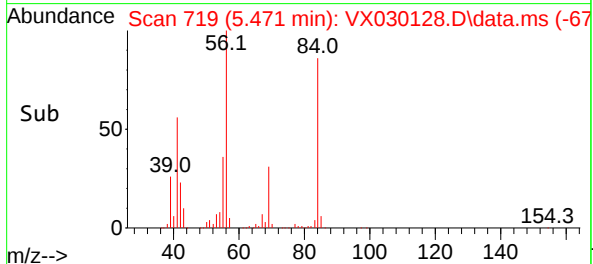
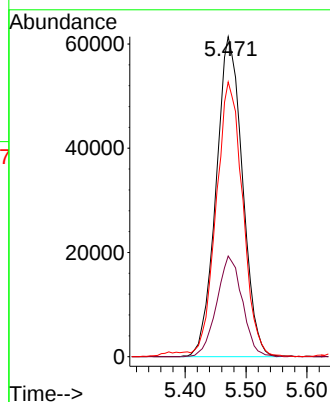
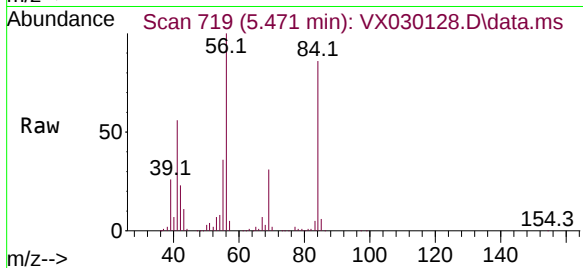
Tgt Ion: 56 Resp: 184700

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.2

84 86.1 70.4 105.6



#30

1,1,1-Trichloroethane

Concen: 53.959 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

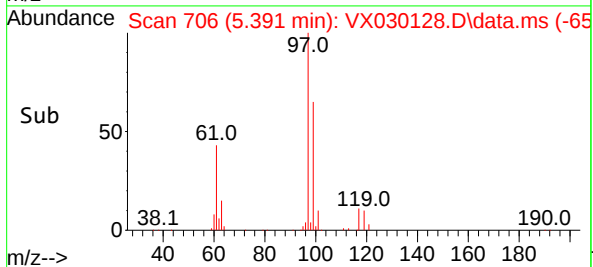
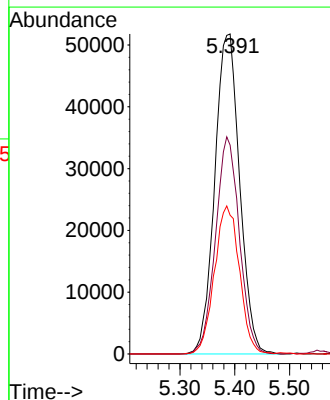
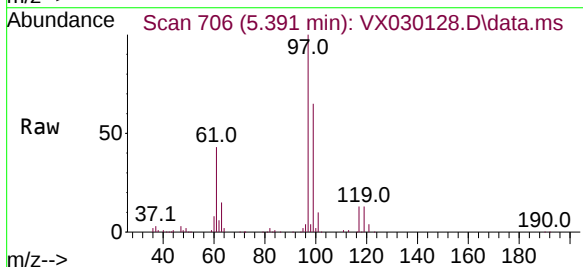
Tgt Ion: 97 Resp: 163644

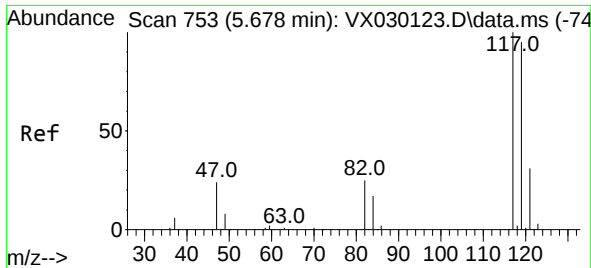
Ion Ratio Lower Upper

97 100

99 65.0 51.2 76.8

61 46.3 36.8 55.2

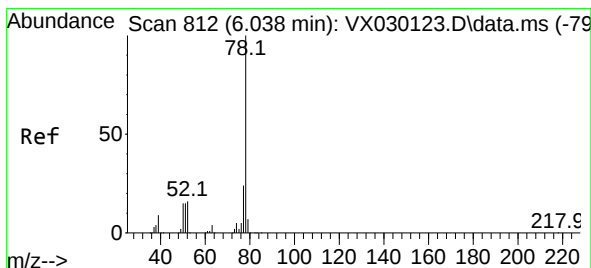
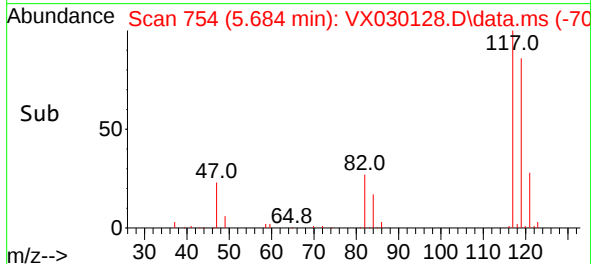
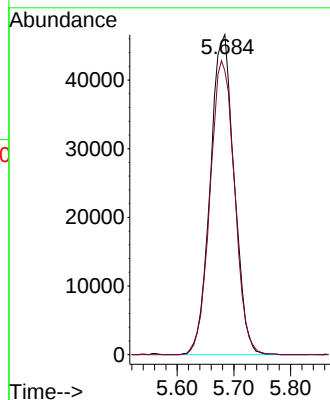
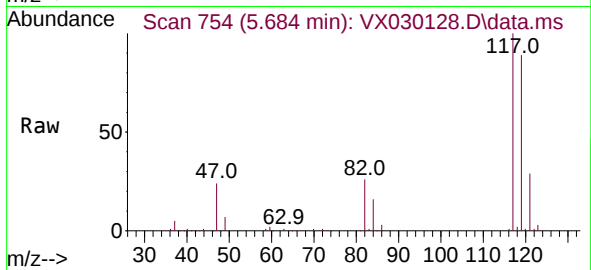




#31
Carbon tetrachloride
Concen: 54.687 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

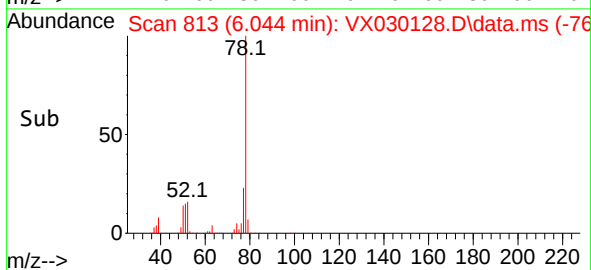
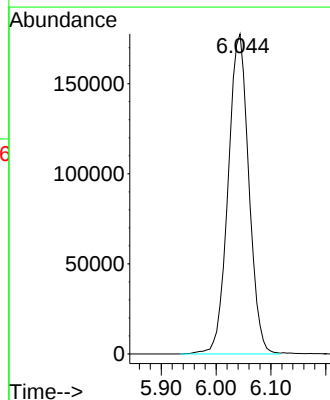
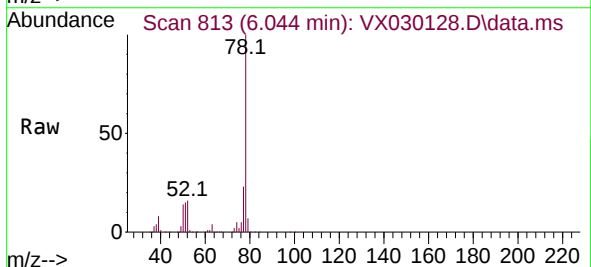
Instrument :
MSVOA_X
ClientSampleId :
VSTD050762

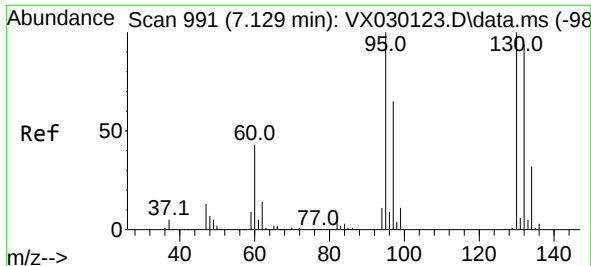
Tgt Ion:117 Resp: 136619
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.2



#33
Benzene
Concen: 54.364 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion: 78 Resp: 466589



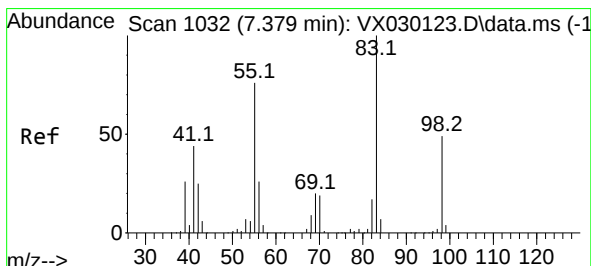
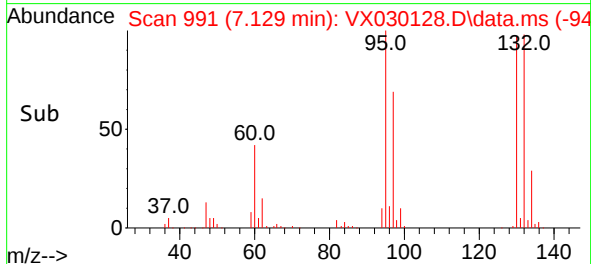
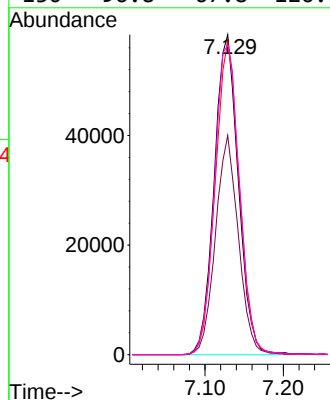
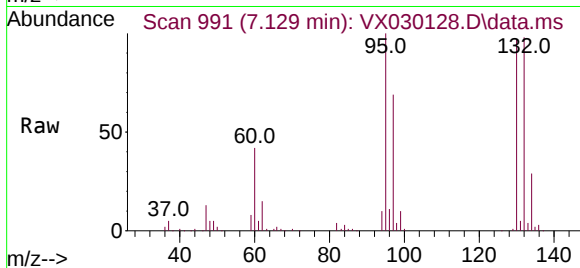


#34
Trichloroethene
Concen: 54.291 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTD050762

Tgt Ion: 95 Resp: 124805

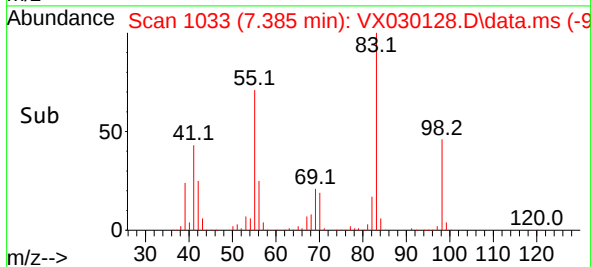
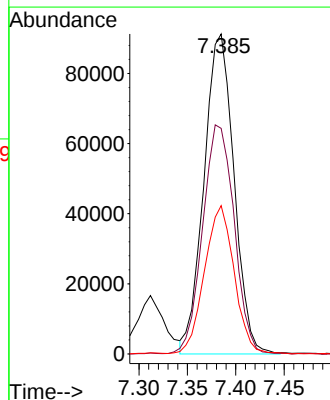
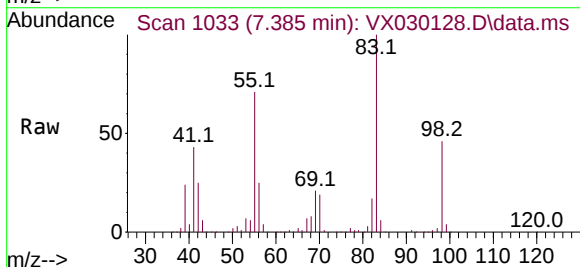
Ion	Ratio	Lower	Upper
95	100		
97	68.5	46.6	86.6
132	97.9	66.4	123.2
130	96.8	67.8	126.0

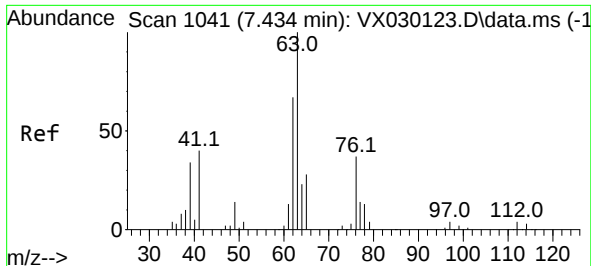


#35
Methylcyclohexane
Concen: 57.049 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion: 83 Resp: 197292

Ion	Ratio	Lower	Upper
83	100		
55	75.1	59.7	89.5
98	45.9	37.0	55.6





#37

1,2-Dichloropropane

Concen: 53.466 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

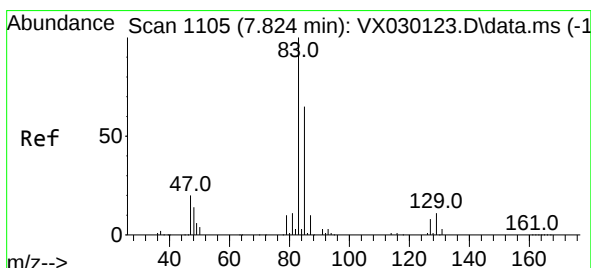
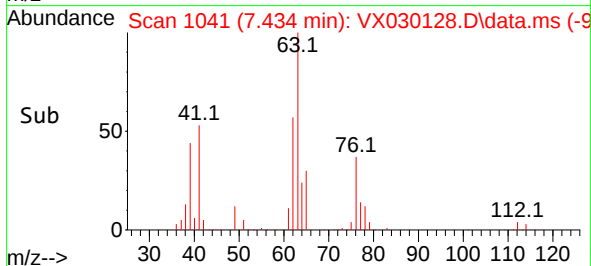
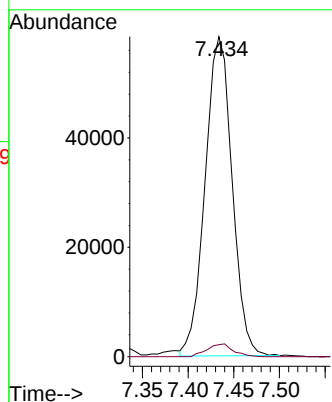
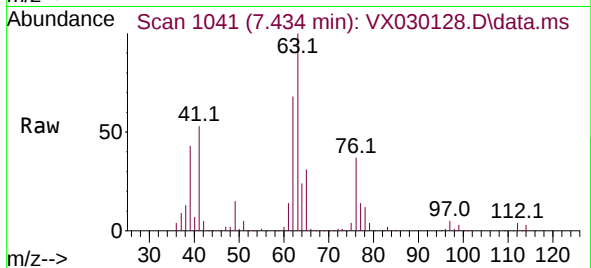
VSTD050762

Tgt Ion: 63 Resp: 120098

Ion Ratio Lower Upper

63 100

112 3.8 3.1 4.7



#38

Bromodichloromethane

Concen: 54.007 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

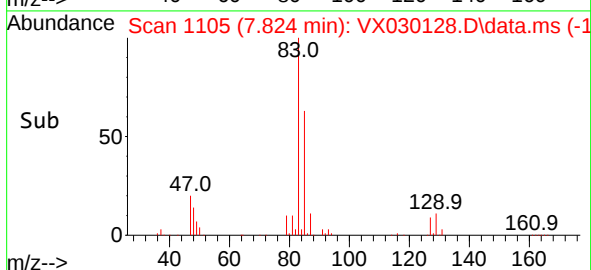
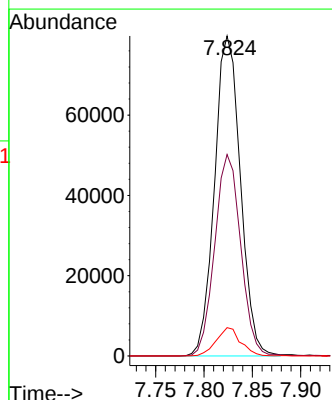
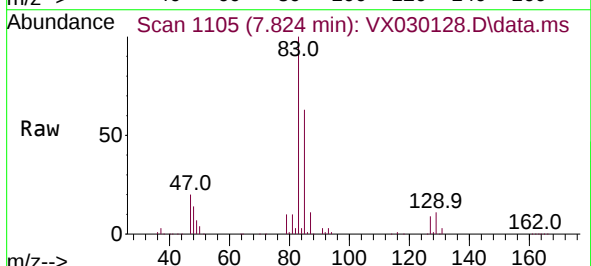
Tgt Ion: 83 Resp: 148429

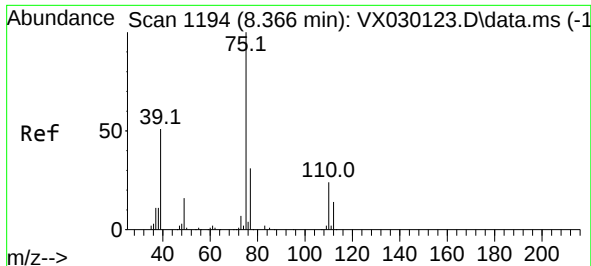
Ion Ratio Lower Upper

83 100

85 63.0 44.0 81.8

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 53.998 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

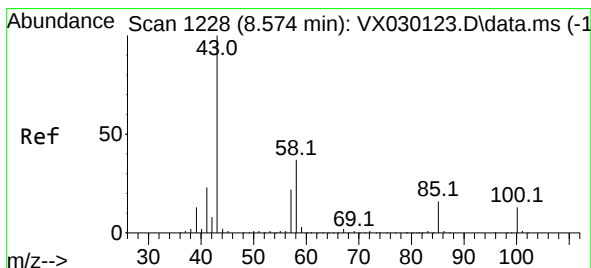
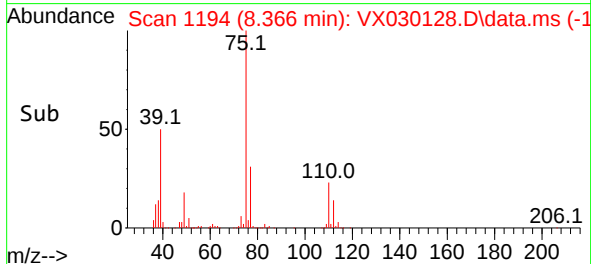
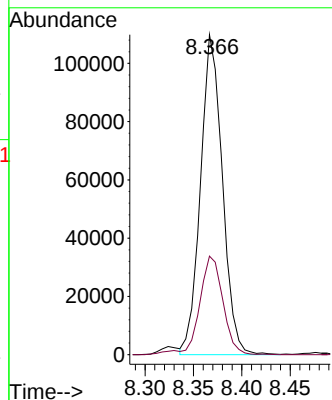
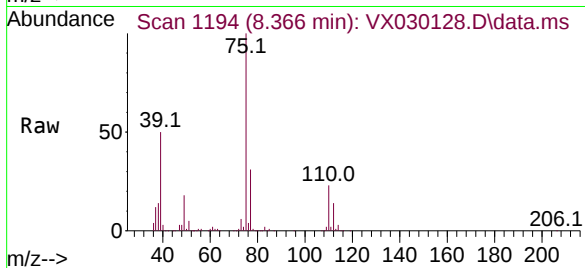
VSTD050762

Tgt Ion: 75 Resp: 173389

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 113.419 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

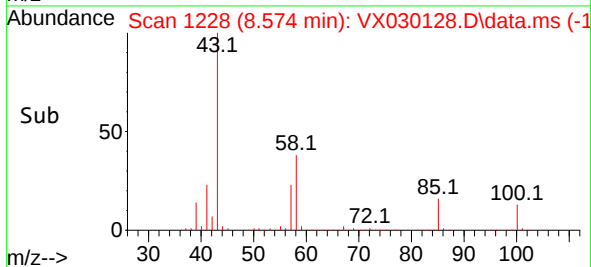
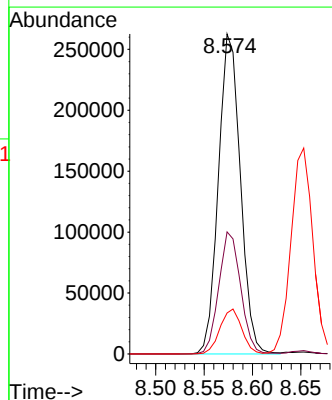
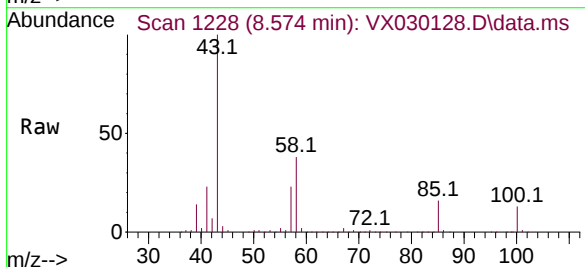
Tgt Ion: 43 Resp: 414427

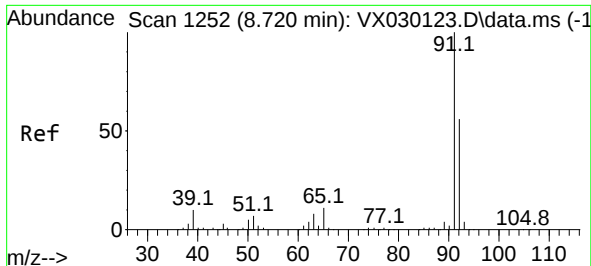
Ion Ratio Lower Upper

43 100

58 38.0 30.9 46.3

100 14.0 11.5 17.3





#42

Toluene

Concen: 55.303 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

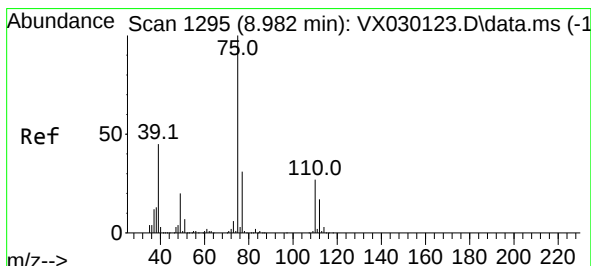
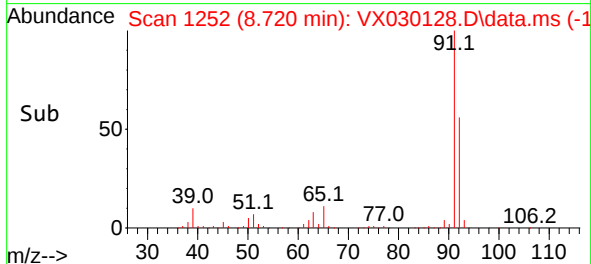
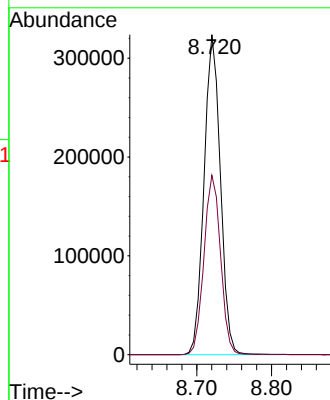
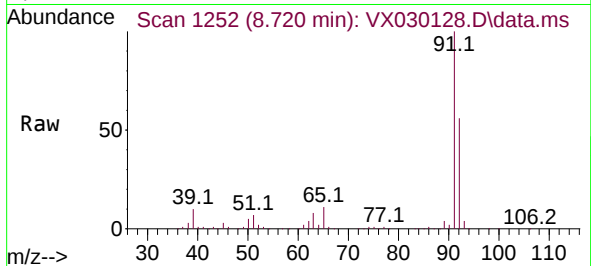
VSTD050762

Tgt Ion: 91 Resp: 492844

Ion Ratio Lower Upper

91 100

92 56.0 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 54.704 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030128.D

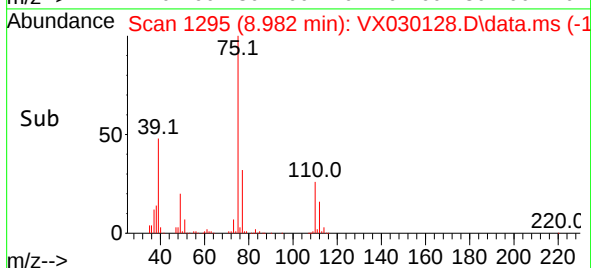
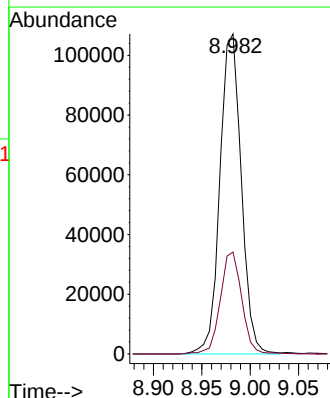
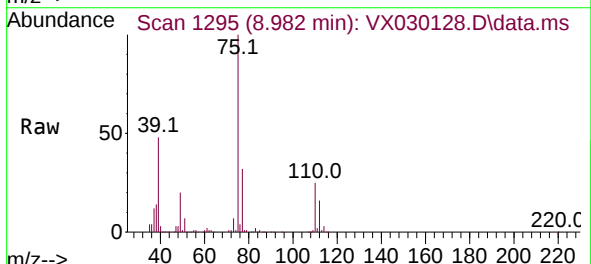
Acq: 20 Jul 2022 12:41

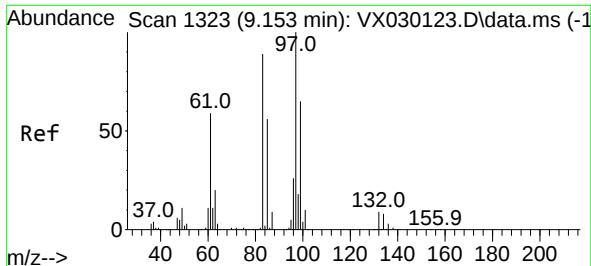
Tgt Ion: 75 Resp: 164499

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 53.385 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050762

Tgt Ion: 97 Resp: 114758

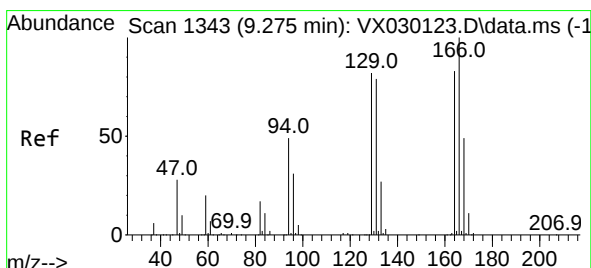
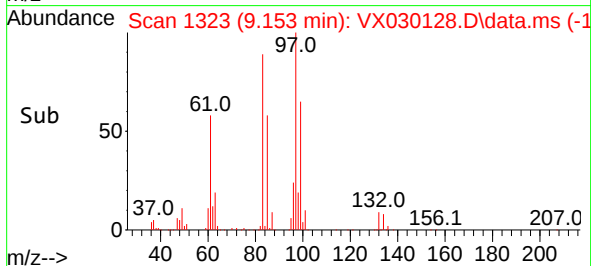
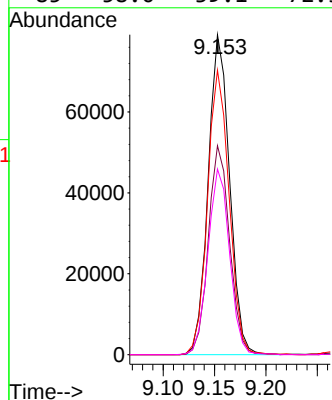
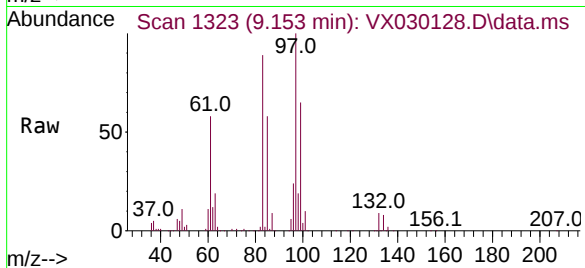
Ion Ratio Lower Upper

97 100

99 65.3 43.8 81.4

83 88.9 61.2 113.8

85 58.0 39.1 72.5



#46

Tetrachloroethene

Concen: 53.016 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Tgt Ion: 164 Resp: 84431

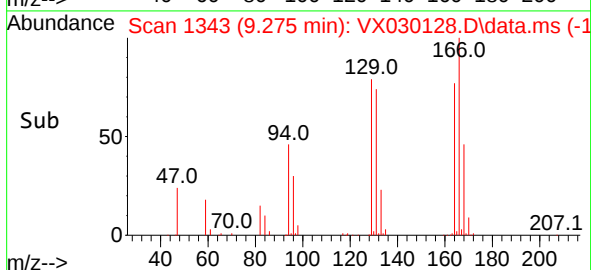
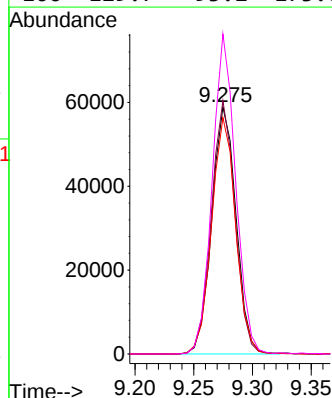
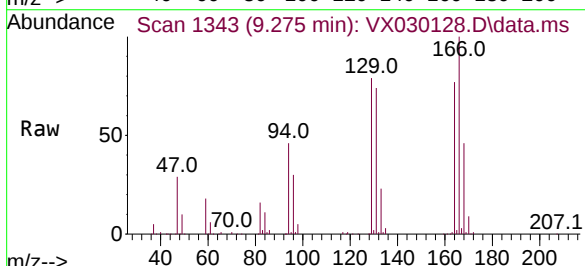
Ion Ratio Lower Upper

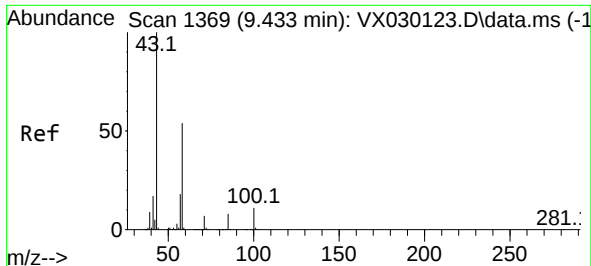
164 100

129 102.6 73.0 135.6

131 95.8 70.7 131.3

166 129.7 93.2 173.0

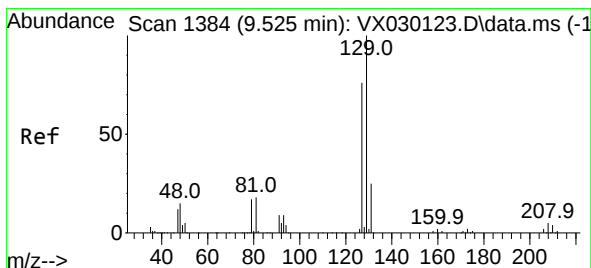
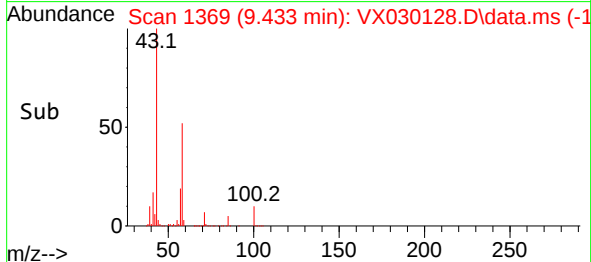
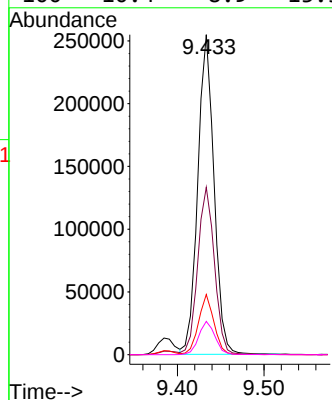
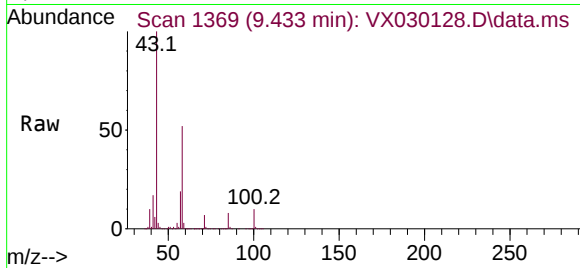




#48
2-Hexanone
Concen: 113.194 ug/L
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

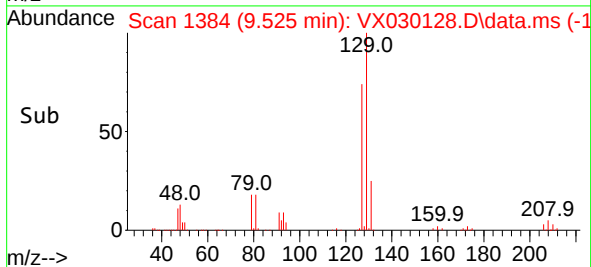
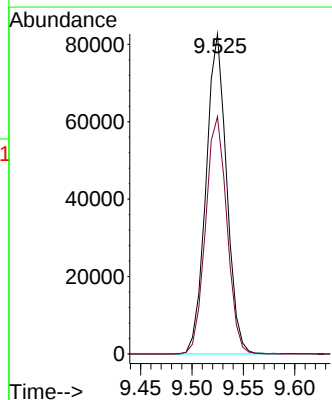
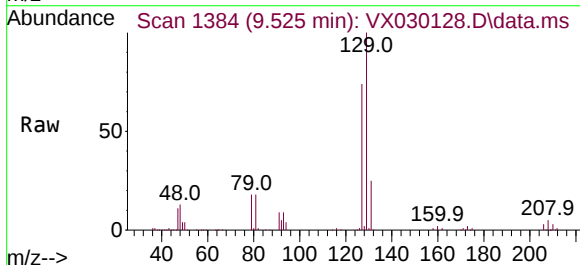
Instrument :
MSVOA_X
ClientSampleId :
VSTD050762

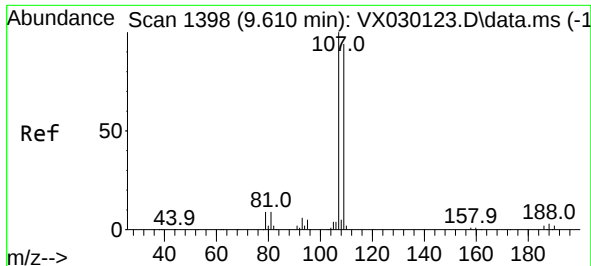
Tgt Ion: 43 Resp: 332140
Ion Ratio Lower Upper
43 100
58 53.5 43.4 65.2
57 17.9 14.3 21.5
100 10.4 8.9 13.3



#49
Dibromochloromethane
Concen: 53.593 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion: 129 Resp: 115276
Ion Ratio Lower Upper
129 100
127 74.2 53.6 99.6





#50

1,2-Dibromoethane

Concen: 52.921 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050762

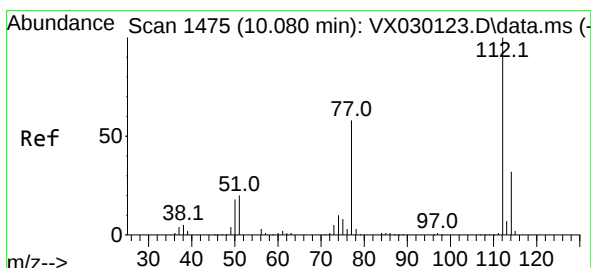
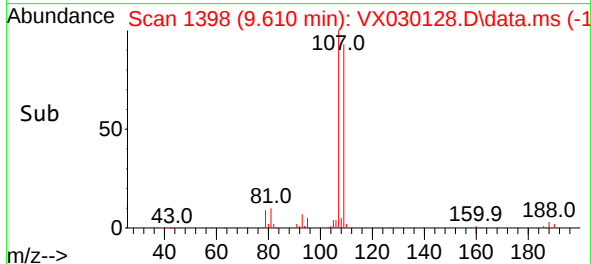
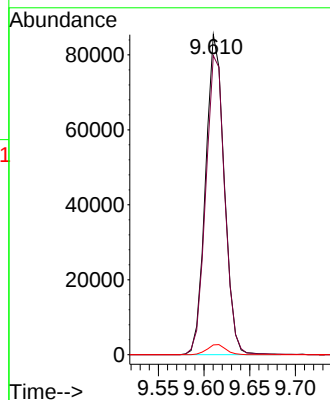
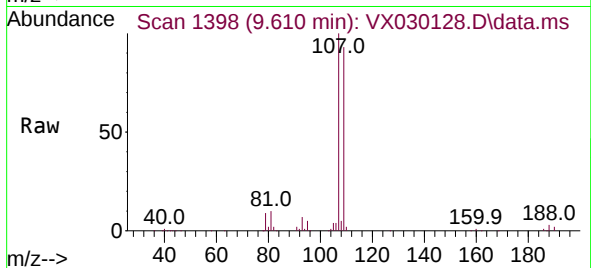
Tgt Ion:107 Resp: 120803

Ion Ratio Lower Upper

107 100

109 93.5 66.9 124.3

188 3.0 2.4 3.6



#51

Chlorobenzene

Concen: 54.416 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

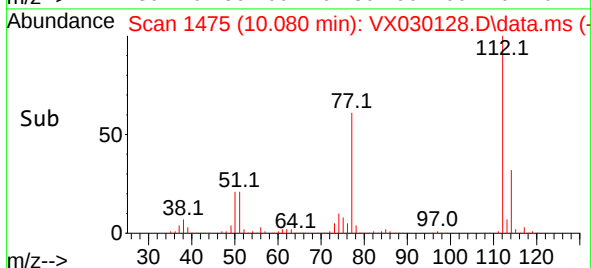
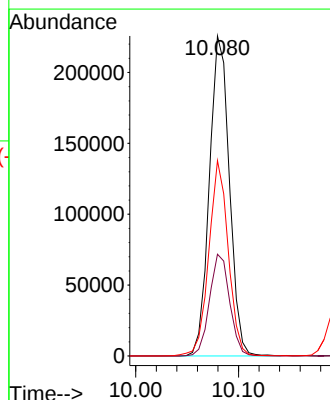
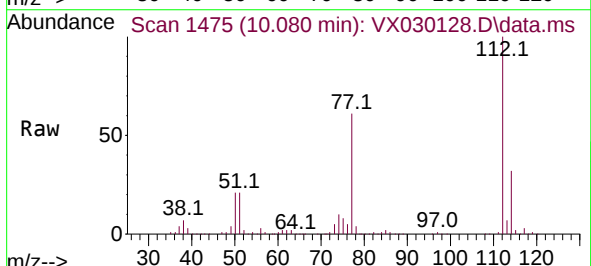
Tgt Ion:112 Resp: 304699

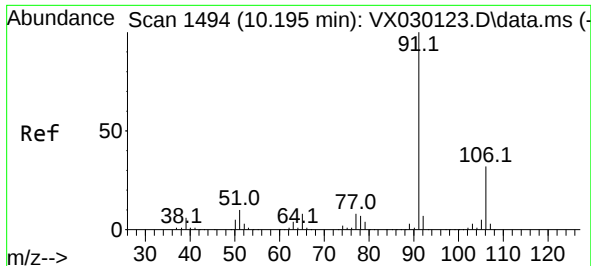
Ion Ratio Lower Upper

112 100

114 31.8 23.4 43.4

77 61.1 46.7 70.1





#52

Ethylbenzene

Concen: 55.817 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

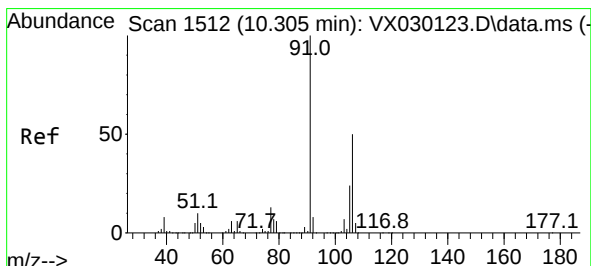
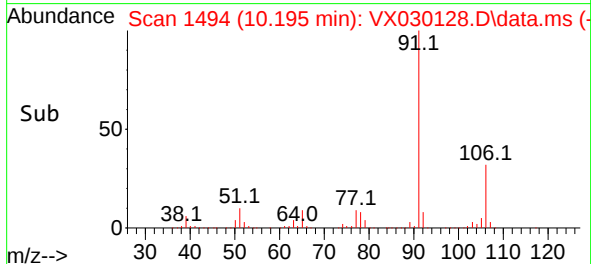
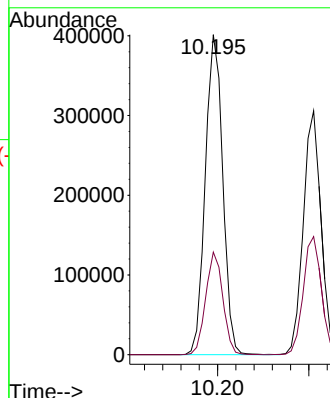
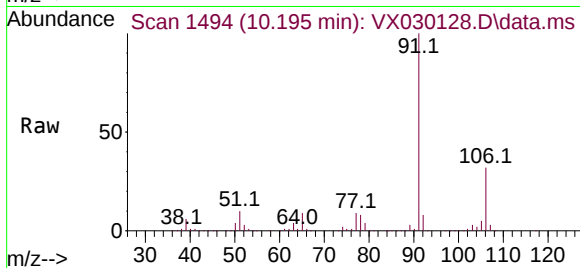
VSTD050762

Tgt Ion: 91 Resp: 530184

Ion Ratio Lower Upper

91 100

106 32.0 21.7 40.3



#53

m,p-Xylene

Concen: 55.171 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX030128.D

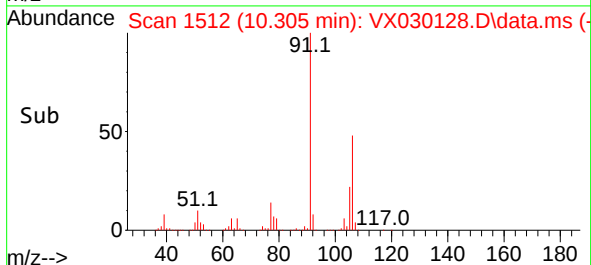
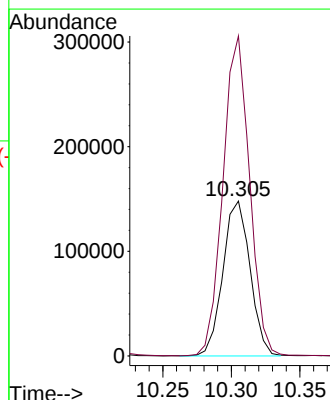
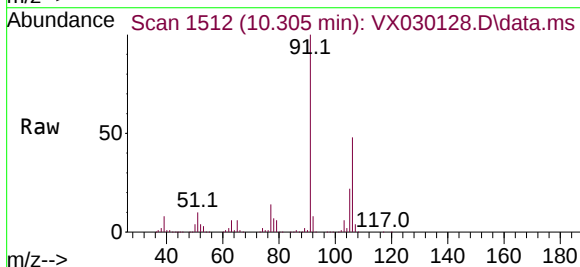
Acq: 20 Jul 2022 12:41

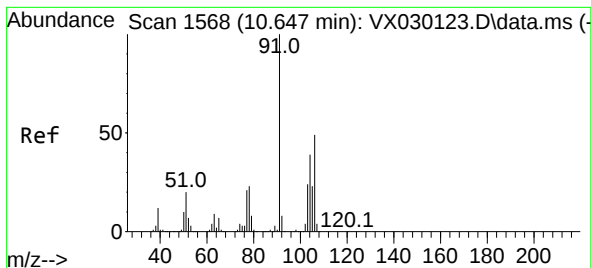
Tgt Ion:106 Resp: 204280

Ion Ratio Lower Upper

106 100

91 206.6 139.7 259.5





#54

o-Xylene

Concen: 56.098 ug/L

RT: 10.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

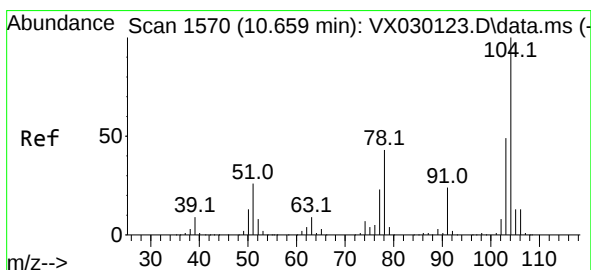
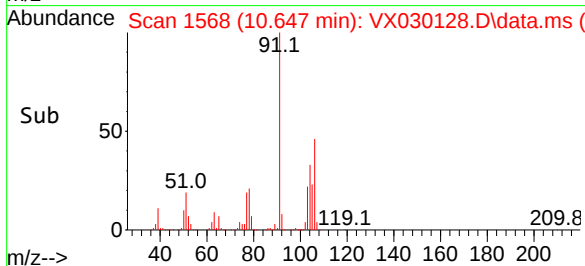
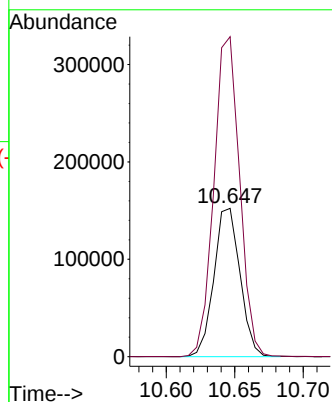
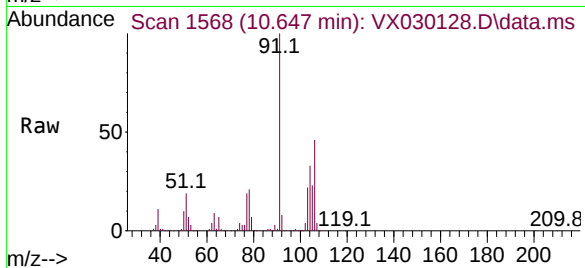
VSTD050762

Tgt Ion:106 Resp: 201702

Ion Ratio Lower Upper

106 100

91 215.7 149.4 277.4



#55

Styrene

Concen: 56.536 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030128.D

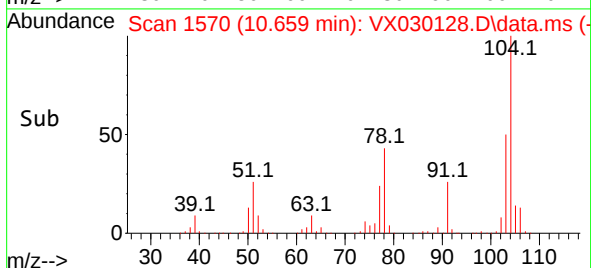
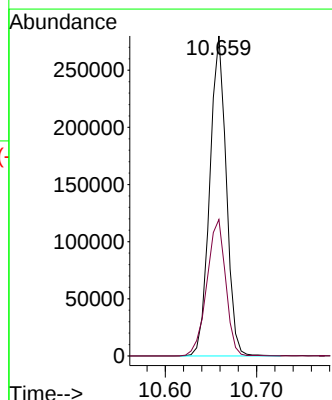
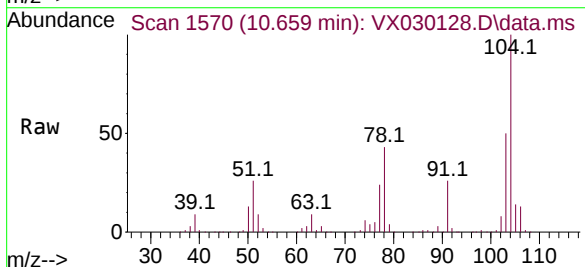
Acq: 20 Jul 2022 12:41

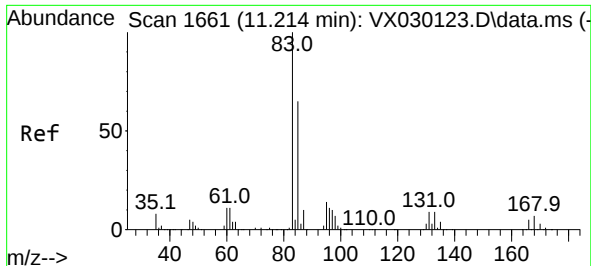
Tgt Ion:104 Resp: 350190

Ion Ratio Lower Upper

104 100

78 42.7 30.3 56.3

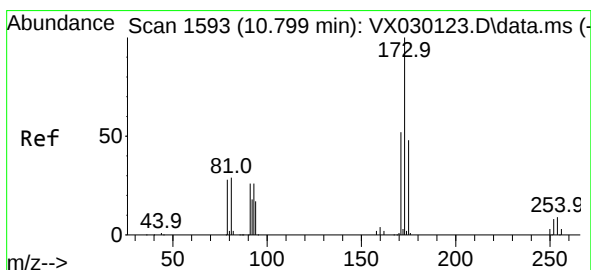
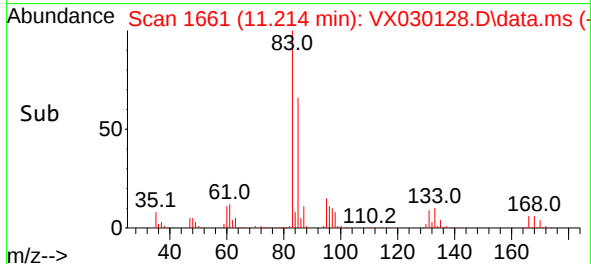
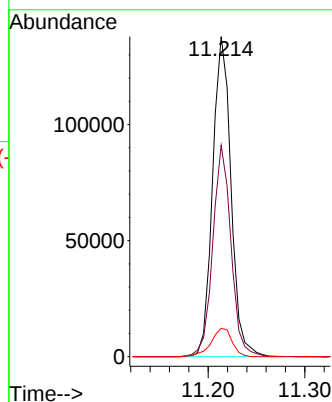
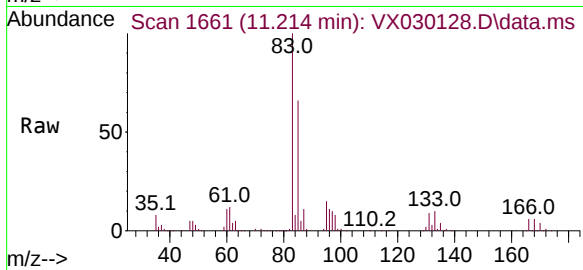




#57
1,1,2,2-Tetrachloroethane
Concen: 53.683 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

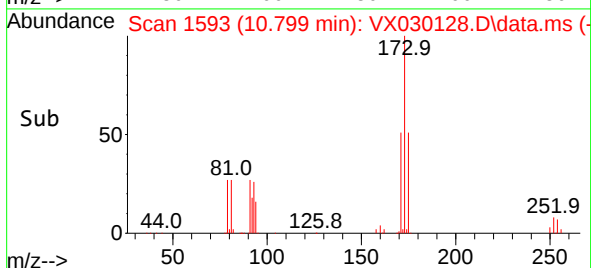
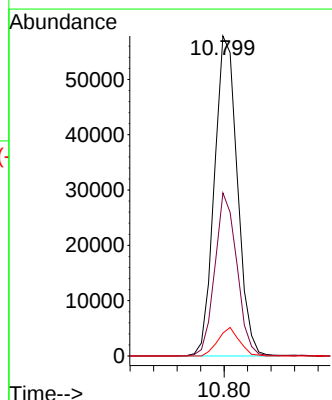
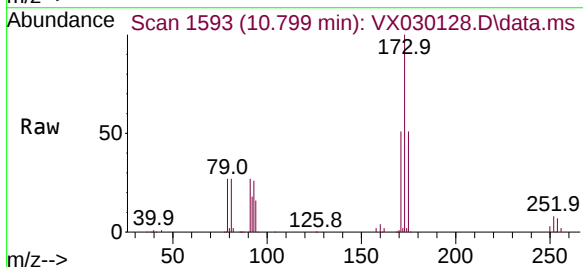
Instrument :
MSVOA_X
ClientSampleId :
VSTD050762

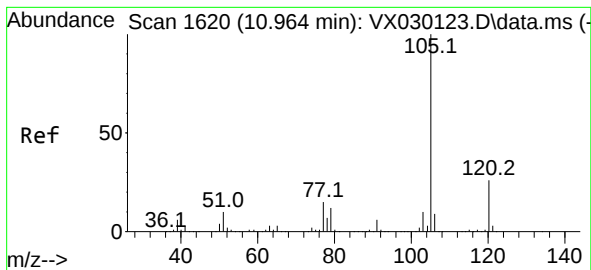
Tgt Ion: 83 Resp: 182111
Ion Ratio Lower Upper
83 100
85 66.0 44.7 83.1
131 8.9 7.2 10.8



#59
Bromoform
Concen: 51.735 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion: 173 Resp: 78531
Ion Ratio Lower Upper
173 100
175 48.8 37.8 56.6
254 8.2 6.4 9.6





#60

Isopropylbenzene

Concen: 54.908 ug/L

RT: 10.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050762

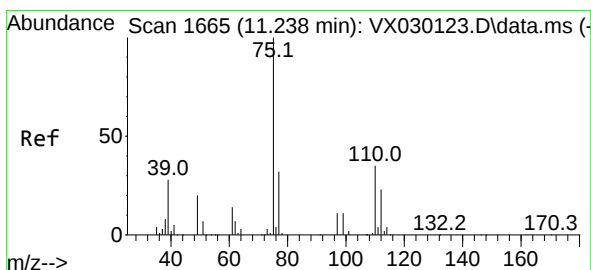
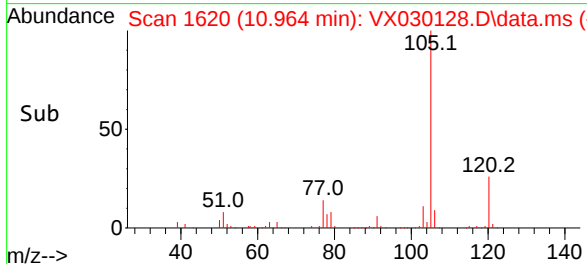
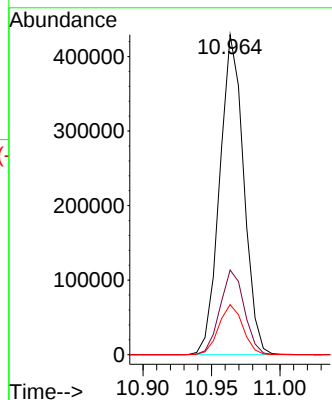
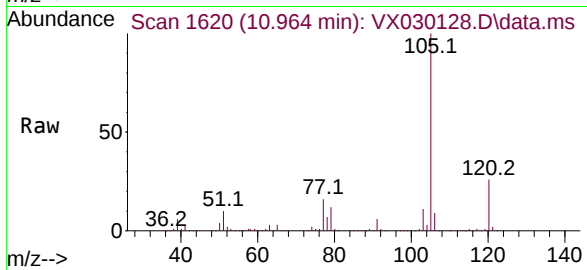
Tgt Ion:105 Resp: 523030

Ion Ratio Lower Upper

105 100

120 26.7 21.1 31.7

77 15.6 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 53.333 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

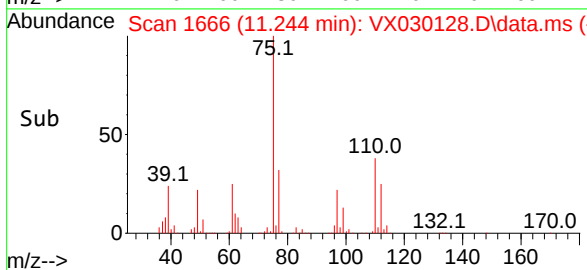
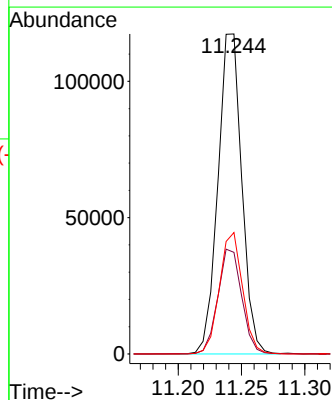
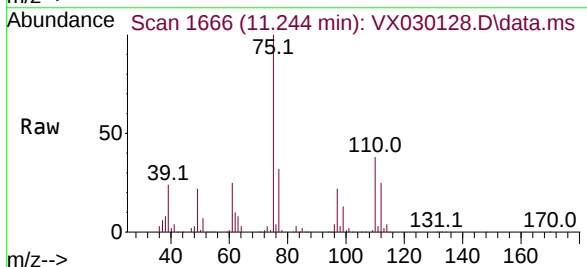
Tgt Ion: 75 Resp: 153754

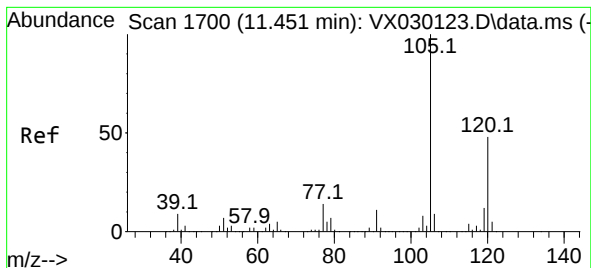
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.8

110 36.8 30.2 45.2





#62

1,3,5-Trimethylbenzene

Concen: 56.503 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

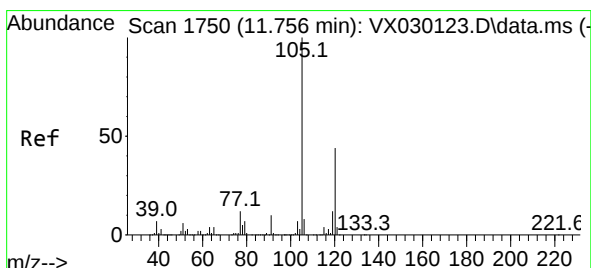
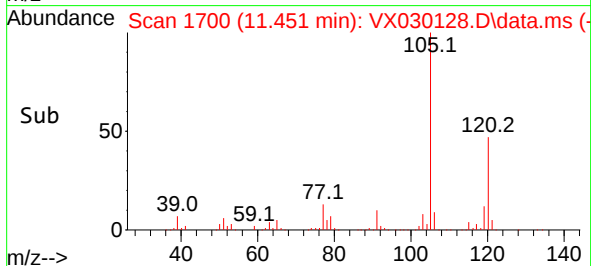
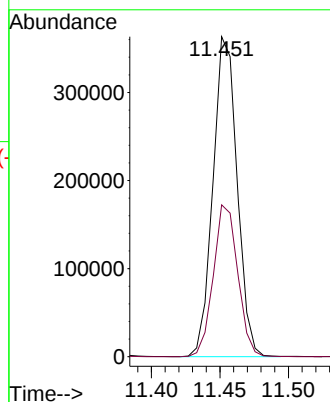
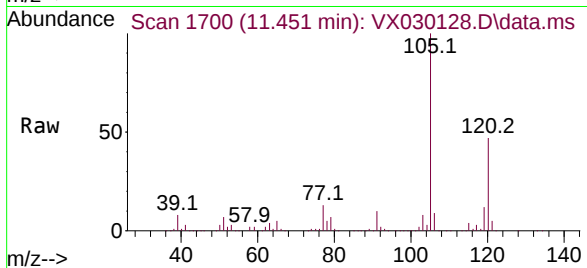
VSTD050762

Tgt Ion:105 Resp: 444745

Ion Ratio Lower Upper

105 100

120 47.9 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 57.062 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030128.D

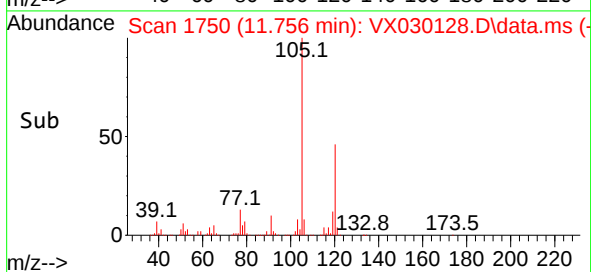
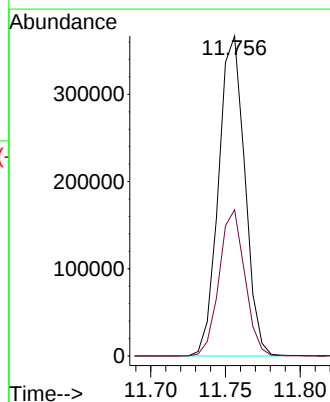
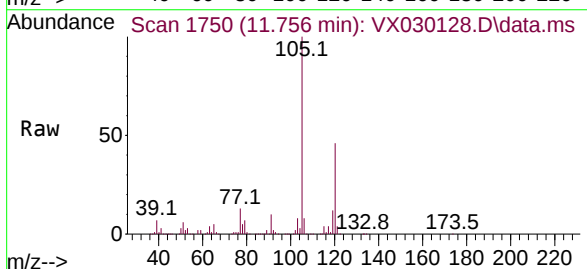
Acq: 20 Jul 2022 12:41

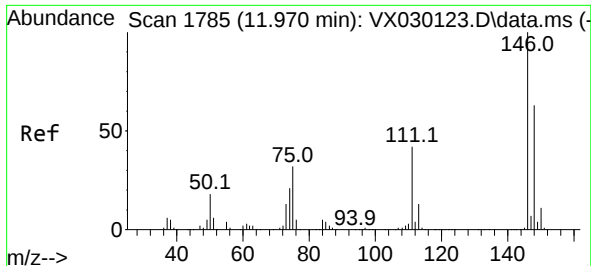
Tgt Ion:105 Resp: 447823

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 54.644 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050762

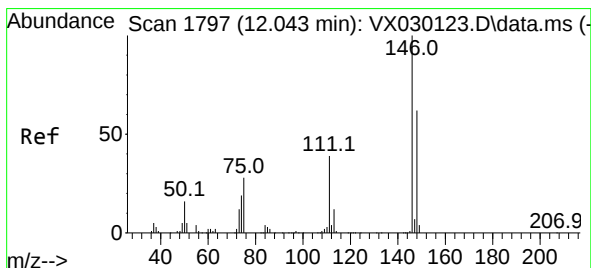
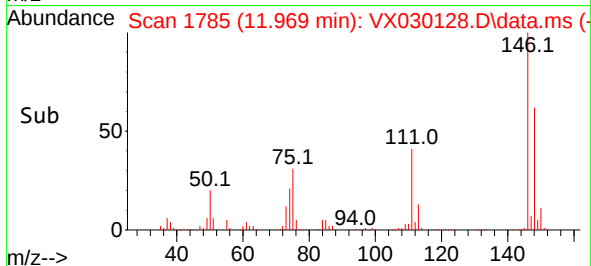
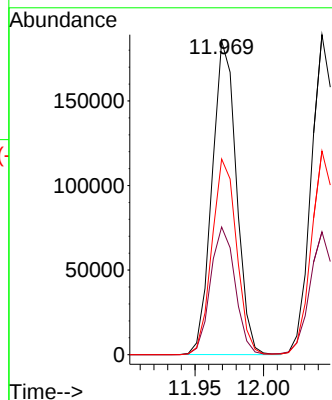
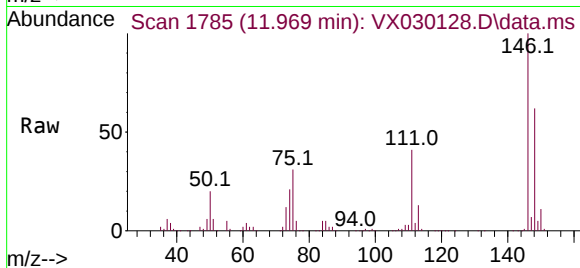
Tgt Ion:146 Resp: 228953

Ion Ratio Lower Upper

146 100

111 40.7 28.4 52.8

148 62.4 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 54.810 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

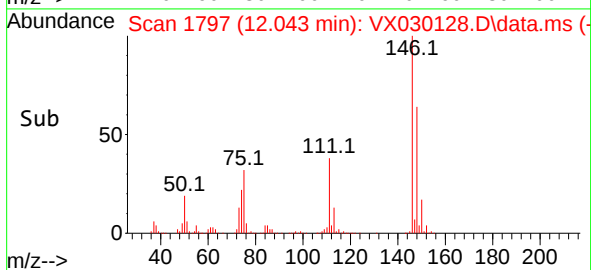
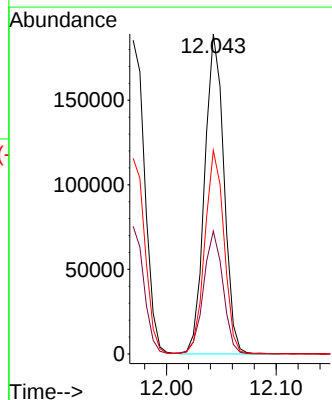
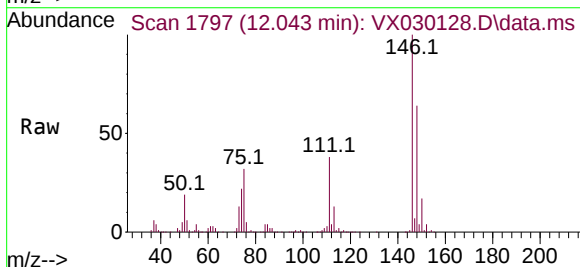
Tgt Ion:146 Resp: 230877

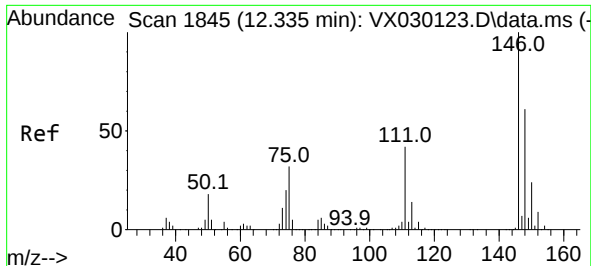
Ion Ratio Lower Upper

146 100

111 38.4 27.0 50.2

148 63.7 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 54.460 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050762

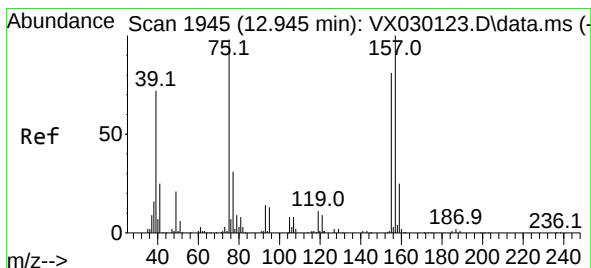
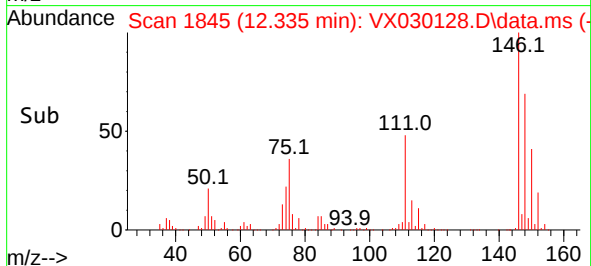
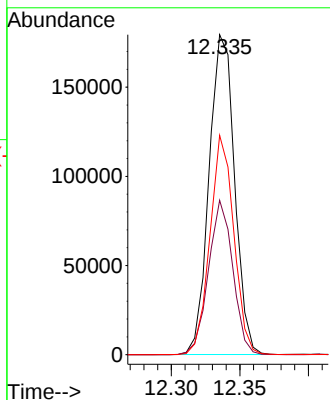
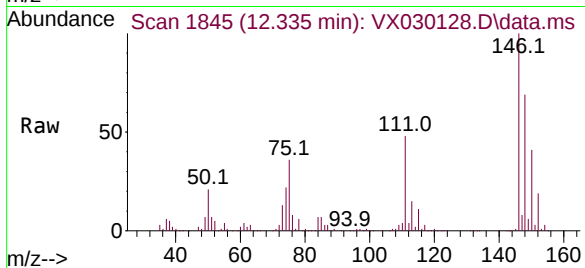
Tgt Ion:146 Resp: 232131

Ion Ratio Lower Upper

146 100

111 48.3 35.4 53.0

148 68.5 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 55.009 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

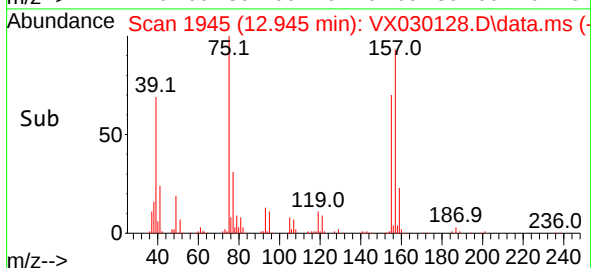
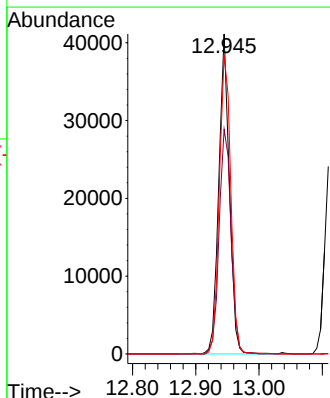
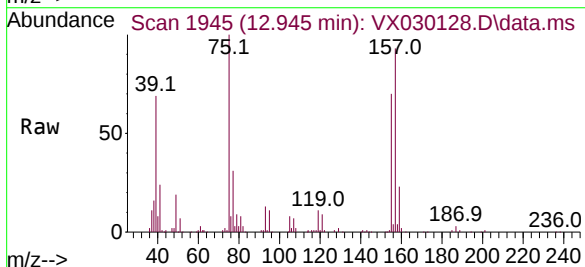
Tgt Ion: 75 Resp: 47626

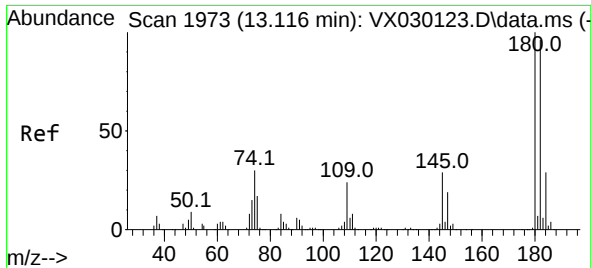
Ion Ratio Lower Upper

75 100

155 70.2 63.6 95.4

157 93.4 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 55.209 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050762

Tgt Ion:180 Resp: 156190

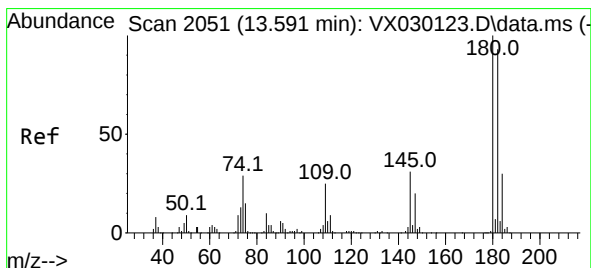
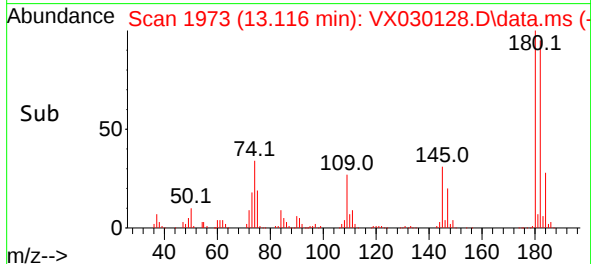
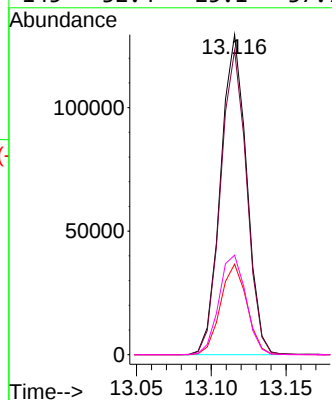
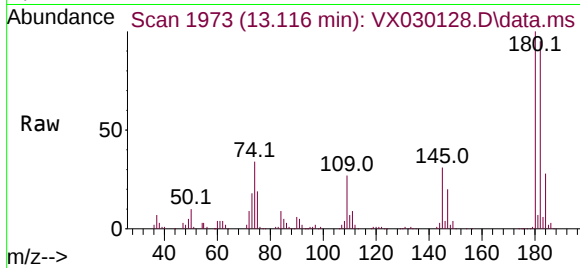
Ion Ratio Lower Upper

180 100

182 95.1 75.1 112.7

184 28.8 23.8 35.6

145 32.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 56.791 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX030128.D

Acq: 20 Jul 2022 12:41

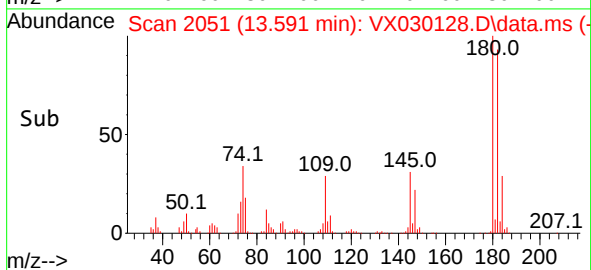
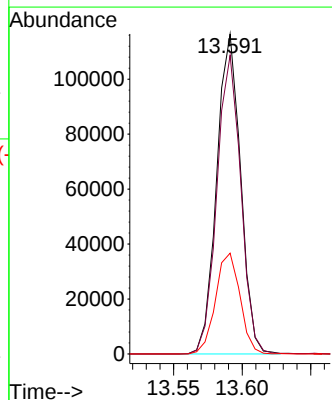
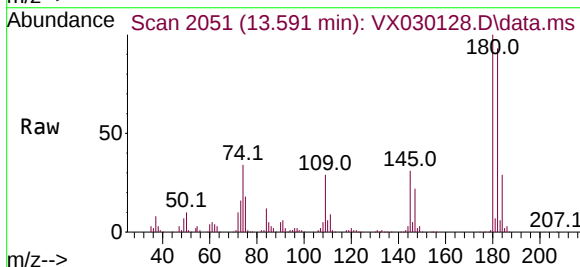
Tgt Ion:180 Resp: 141022

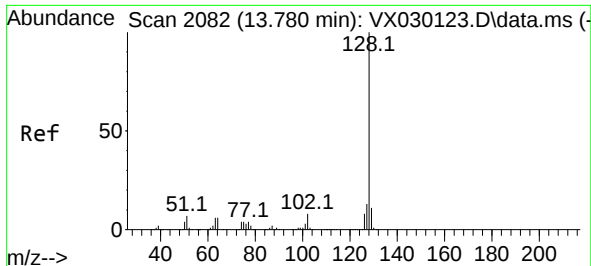
Ion Ratio Lower Upper

180 100

182 93.3 75.2 112.8

145 32.3 26.2 39.2

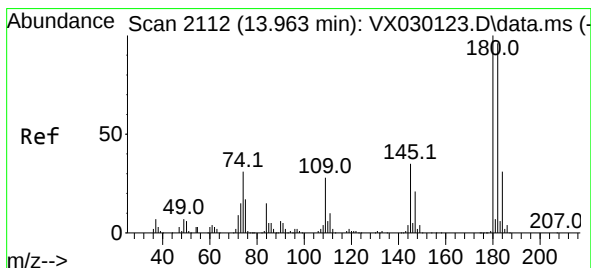
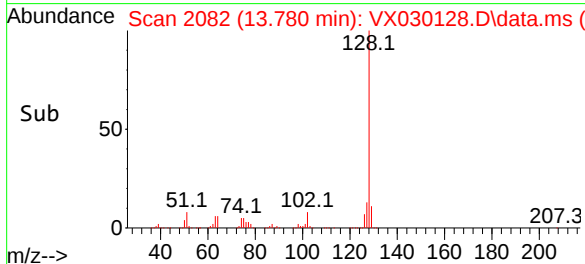
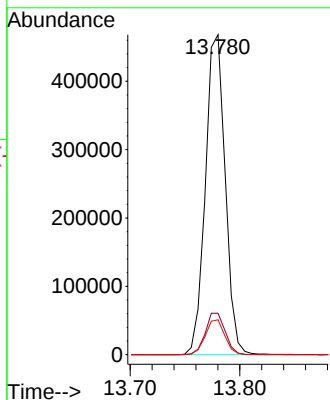
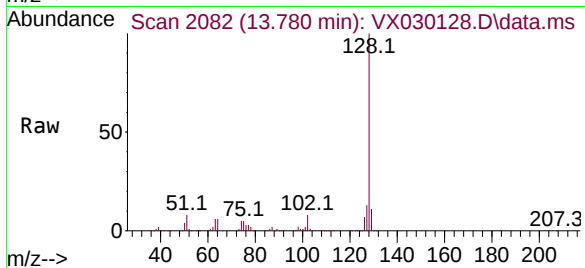




#71
Naphthalene
Concen: 57.855 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :
VSTD050762

Tgt Ion:128 Resp: 587737
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 55.399 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030128.D
Acq: 20 Jul 2022 12:41

Tgt Ion:180 Resp: 146154
Ion Ratio Lower Upper
180 100
182 94.8 75.9 113.9
145 34.7 28.0 42.0

