

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034988.D
 Acq On : 10 Apr 2023 11:12
 Operator : JC/MD
 Sample : VSTD10029
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100629

Quant Time: Apr 11 05:17:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:14:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	447206	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	398537	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	203871	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	322022	108.110	ug/L	0.00
7) Chloroethane-d5	1.672	69	228503	104.736	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	659934	109.297	ug/L	0.00
21) 2-Butanone-d5	4.459	46	445093	224.827	ug/L	0.00
24) Chloroform-d	5.056	84	623832	109.901	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	414096	106.273	ug/L	0.00
32) Benzene-d6	5.977	84	1206099	108.409	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	373925	109.256	ug/L	0.00
41) Toluene-d8	8.647	98	1109115	108.700	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	186126	118.426	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	321241	234.840	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	472055	110.988	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	403326	107.813	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	425644	109.592	ug/L	99
3) Chloromethane	1.294	50	399070	109.315	ug/L	99
5) Vinyl chloride	1.374	62	405943	109.714	ug/L	98
6) Bromomethane	1.618	94	227149	108.644	ug/L	99
8) Chloroethane	1.691	64	224094	107.628	ug/L	100
9) Trichlorofluoromethane	1.886	101	560923	108.964	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	348513	109.101	ug/L	99
12) 1,1-Dichloroethene	2.319	96	316659	111.343	ug/L	94
13) Acetone	2.392	43	401812	205.291	ug/L	100
14) Carbon disulfide	2.514	76	865108	113.186	ug/L	99
15) Methyl Acetate	2.703	43	371827	110.676	ug/L	99
16) Methylene chloride	2.788	84	343637	110.167	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	323282	110.573	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	1140616	111.609	ug/L	99
19) 1,1-Dichloroethane	3.611	63	643628	110.548	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	374378	111.930	ug/L	97
22) 2-Butanone	4.562	43	549723	219.848	ug/L	96
23) Bromochloromethane	4.897	128	184055	111.244	ug/L	97
25) Chloroform	5.093	83	661614	110.803	ug/L	99
27) 1,2-Dichloroethane	6.086	62	563047	111.344	ug/L	100
29) Cyclohexane	5.471	56	610594	111.418	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	590651	112.077	ug/L	99
31) Carbon tetrachloride	5.678	117	519271	114.310	ug/L	99
33) Benzene	6.037	78	1389405	109.318	ug/L	100
34) Trichloroethene	7.123	95	378290	110.395	ug/L	98
35) Methylcyclohexane	7.379	83	551802	111.698	ug/L	99
37) 1,2-Dichloropropane	7.427	63	372985	110.750	ug/L	100
38) Bromodichloromethane	7.824	83	486986	114.287	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	606945	117.922	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	1027189	229.536	ug/L	99
42) Toluene	8.720	91	1458558	110.804	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	573615	121.054	ug/L	99

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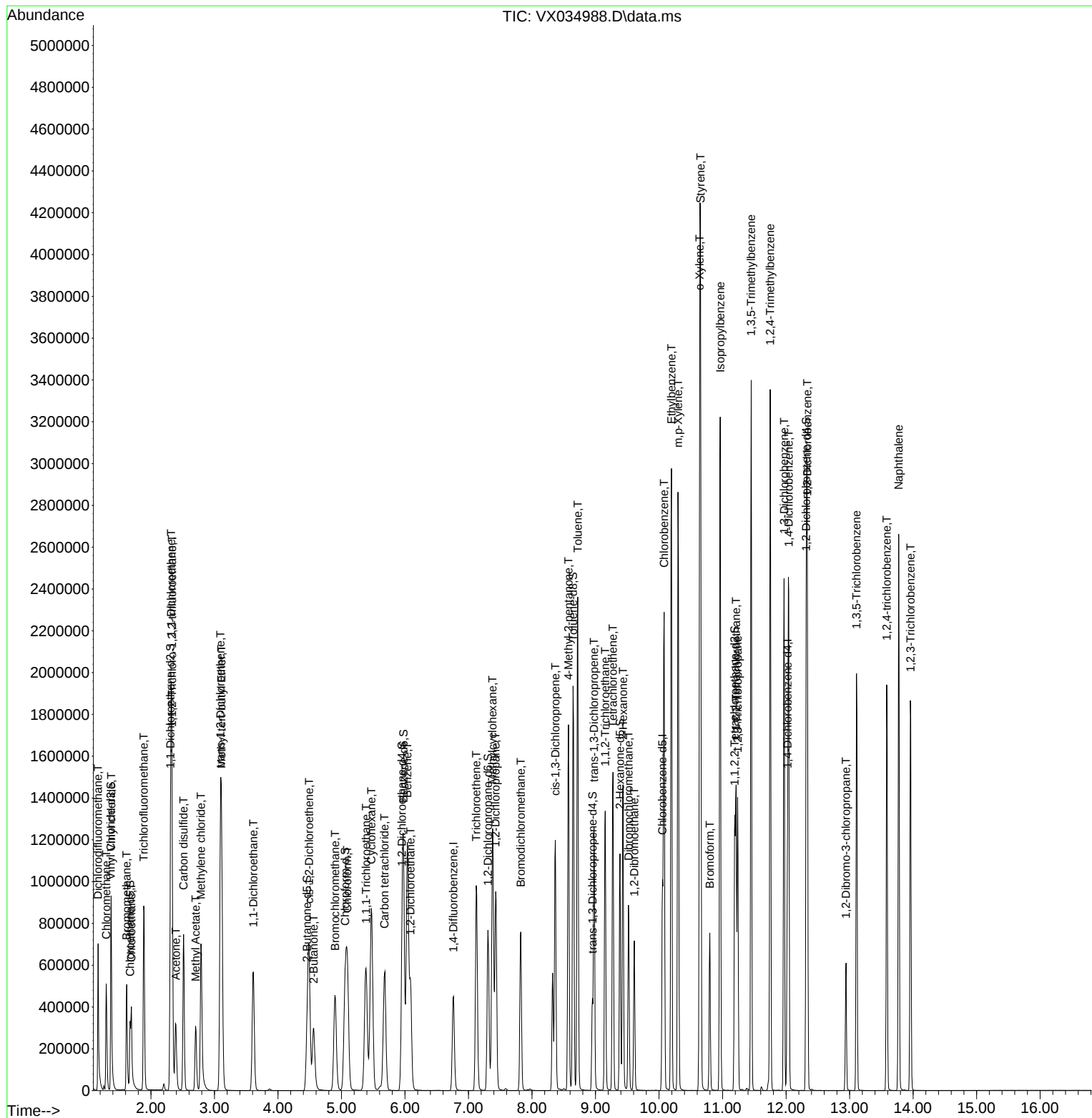
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	350216	111.516	ug/L	100
46) Tetrachloroethene	9.275	164	282056	110.488	ug/L	98
48) 2-Hexanone	9.433	43	797904	227.469	ug/L	100
49) Dibromochloromethane	9.519	129	368316	119.233	ug/L	97
50) 1,2-Dibromoethane	9.610	107	373046	113.192	ug/L	98
51) Chlorobenzene	10.079	112	940581	110.860	ug/L	99
52) Ethylbenzene	10.195	91	1673619	112.034	ug/L	98
53) m,p-Xylene	10.299	106	640186	113.740	ug/L	99
54) o-Xylene	10.640	106	628199	113.277	ug/L	98
55) Styrene	10.653	104	1074840	115.600	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	522853	112.123	ug/L	99
59) Bromoform	10.799	173	258403	118.883	ug/L	99
60) Isopropylbenzene	10.963	105	1639256	110.104	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	420345	107.529	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1376376	111.499	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1371591	112.529	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	725150	109.336	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	730155	108.883	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	712659	109.073	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	120539	120.476	ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	460438	110.985	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	434270	112.534	ug/L	99
71) Naphthalene	13.774	128	1509669	114.482	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	426663	110.107	ug/L	99

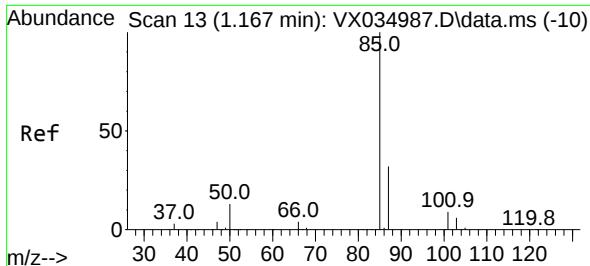
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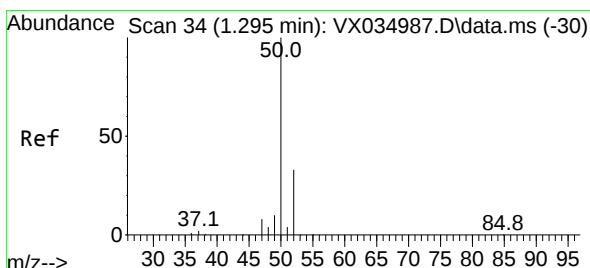
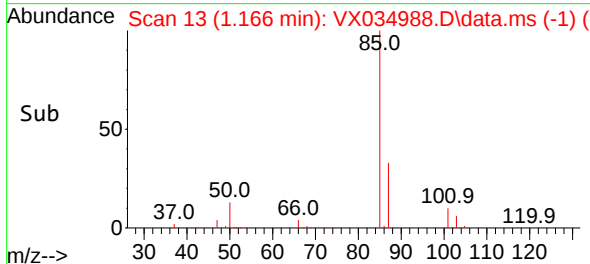
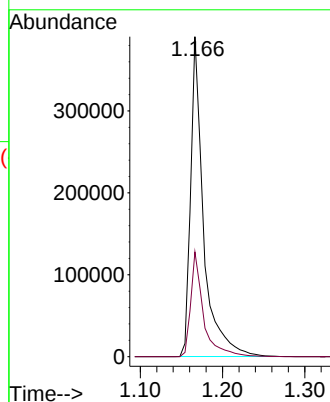
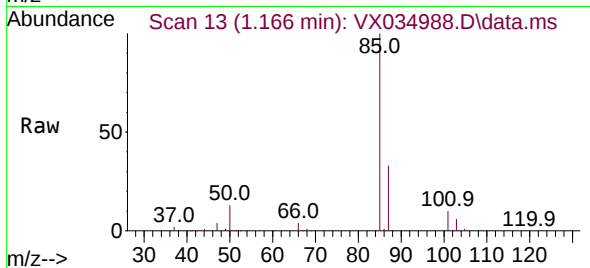




#2
Dichlorodifluoromethane
Concen: 109.592 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

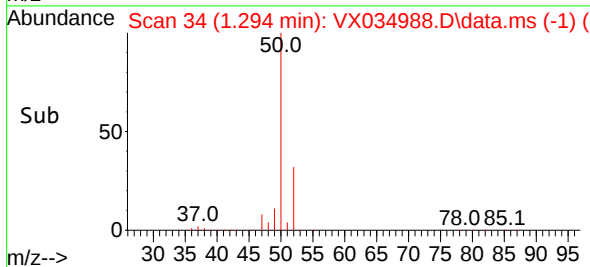
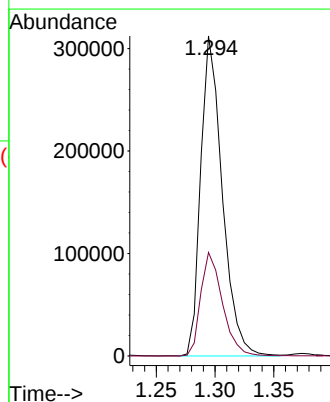
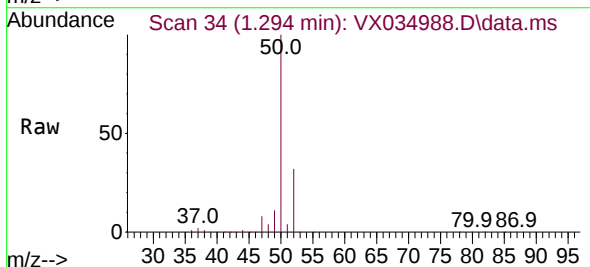
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

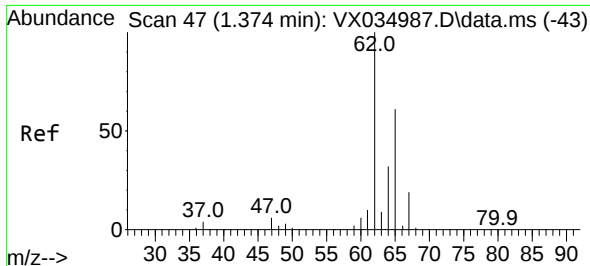
Tgt Ion: 85 Resp: 425644
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 109.315 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion: 50 Resp: 399070
Ion Ratio Lower Upper
50 100
52 32.3 22.9 42.5

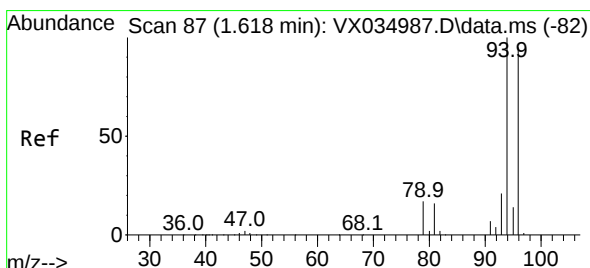
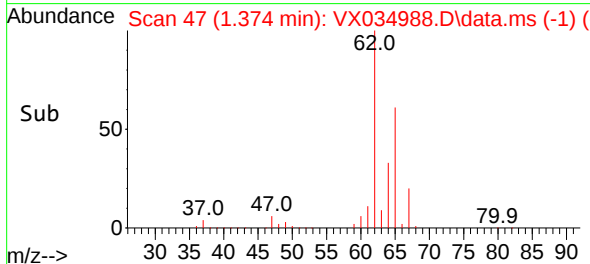
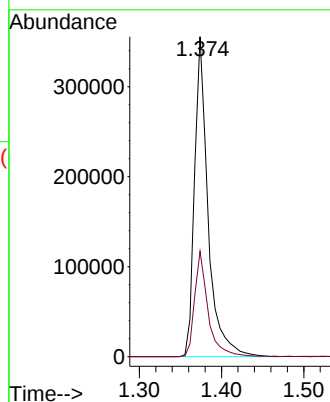
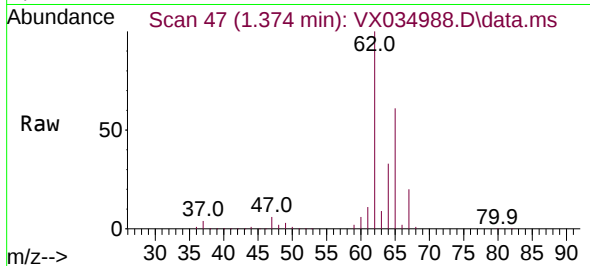




#5
 Vinyl chloride
 Concen: 109.714 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034988.D
 Acq: 10 Apr 2023 11:12

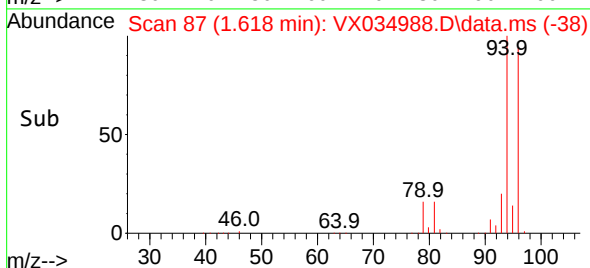
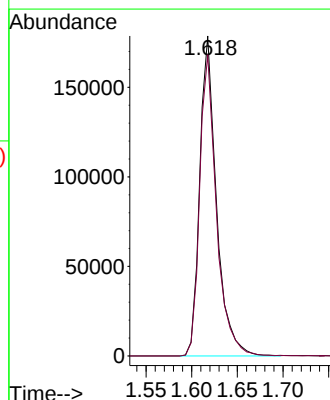
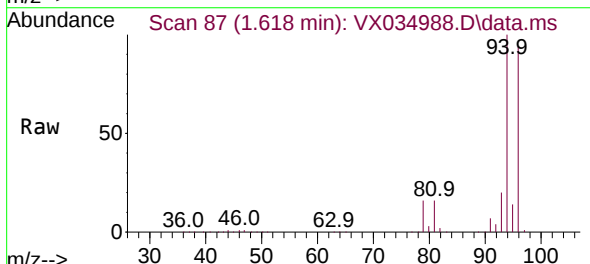
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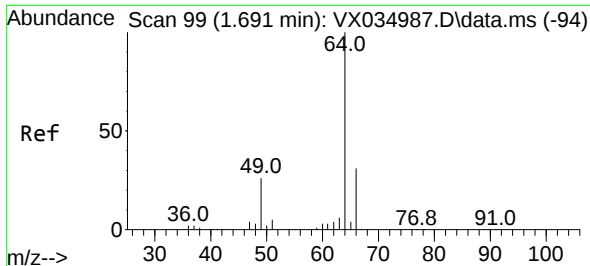
Tgt Ion: 62 Resp: 405943
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.3 41.3



#6
 Bromomethane
 Concen: 108.644 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX034988.D
 Acq: 10 Apr 2023 11:12

Tgt Ion: 94 Resp: 227149
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.6 123.6

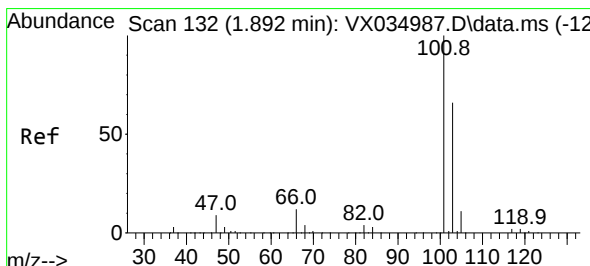
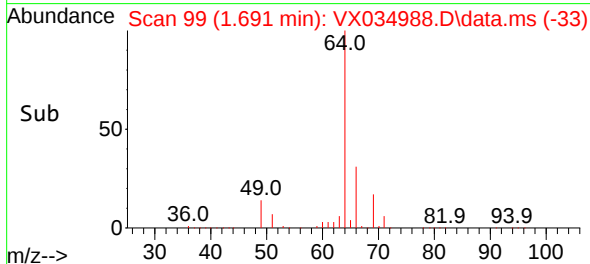
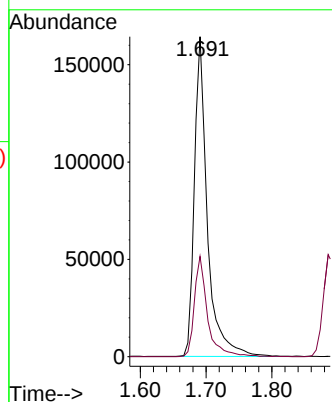
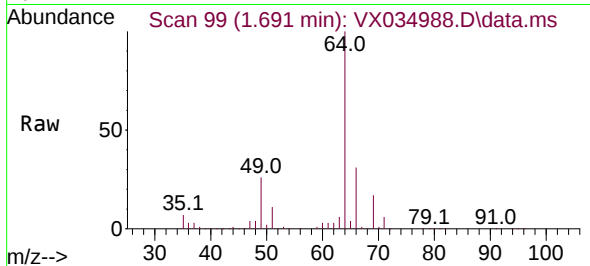




#8
Chloroethane
Concen: 107.628 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

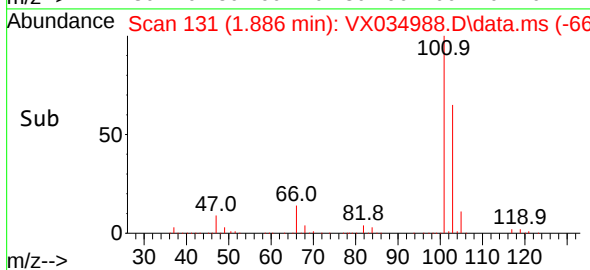
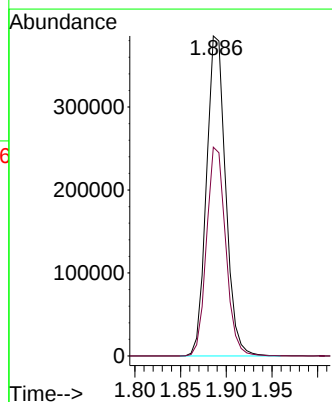
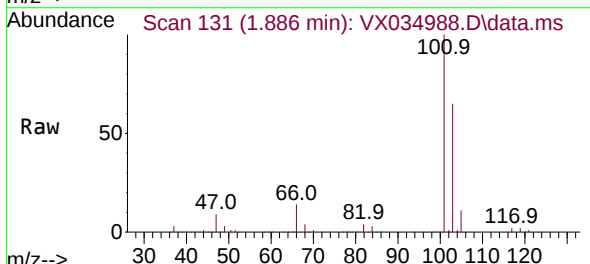
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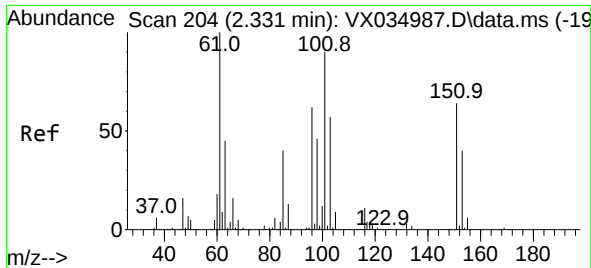
Tgt Ion: 64 Resp: 224094
Ion Ratio Lower Upper
64 100
66 31.4 21.8 40.4



#9
Trichlorofluoromethane
Concen: 108.964 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion:101 Resp: 560923
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9

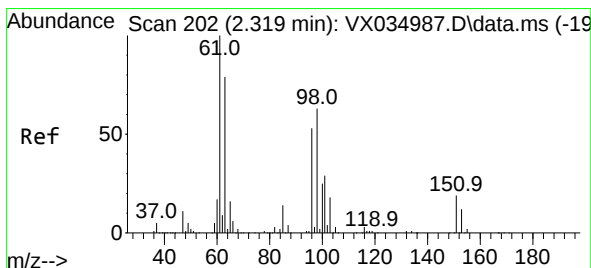
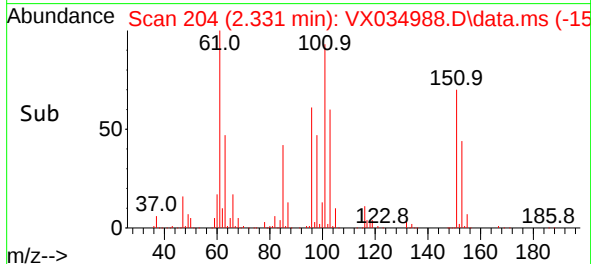
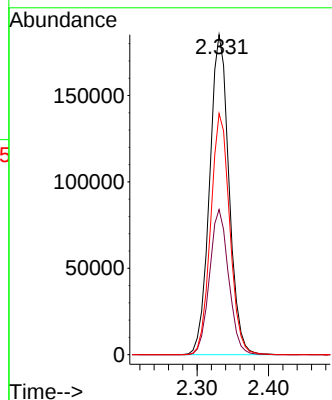
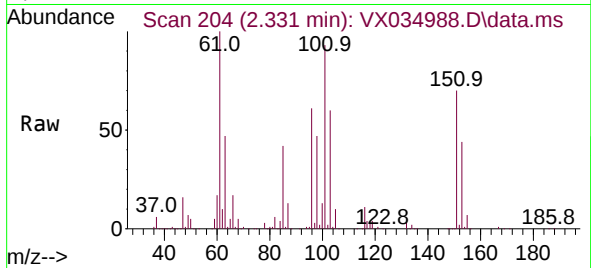




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 109.101 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX034988.D
 Acq: 10 Apr 2023 11:12

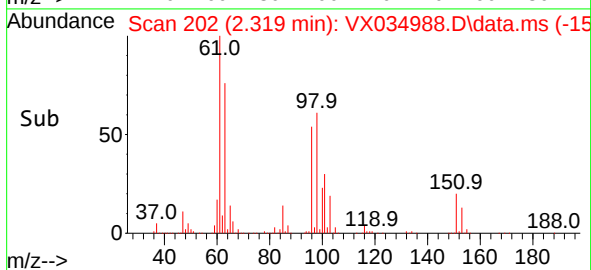
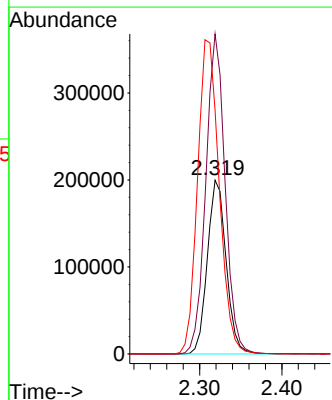
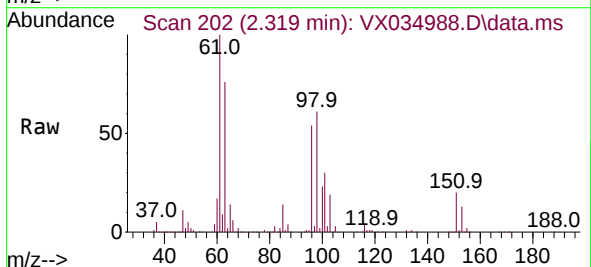
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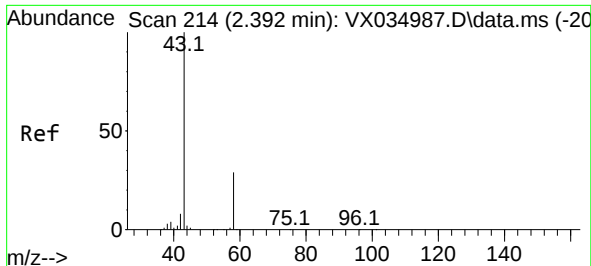
Tgt Ion:101 Resp: 348513
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.4 54.6
 151 74.0 59.7 89.5



#12
 1,1-Dichloroethene
 Concen: 111.343 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX034988.D
 Acq: 10 Apr 2023 11:12

Tgt Ion: 96 Resp: 316659
 Ion Ratio Lower Upper
 96 100
 61 184.1 132.4 245.8
 63 140.2 105.5 195.9

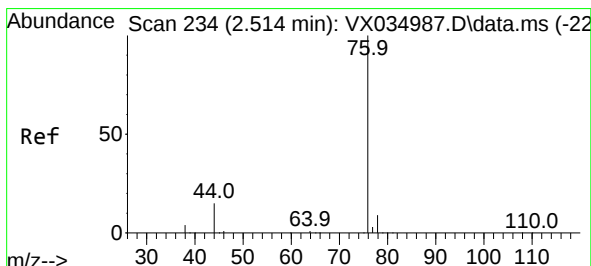
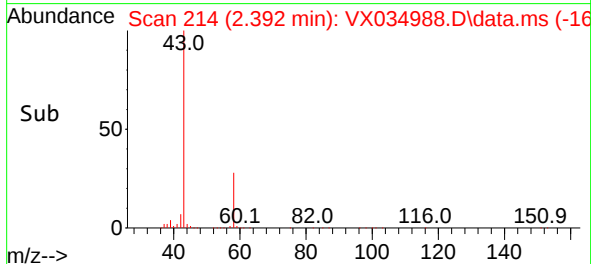
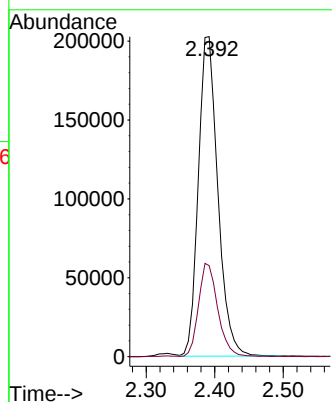
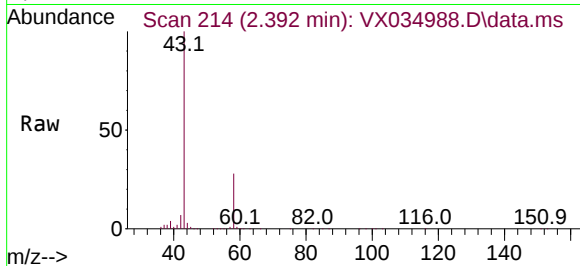




#13
Acetone
Concen: 205.291 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

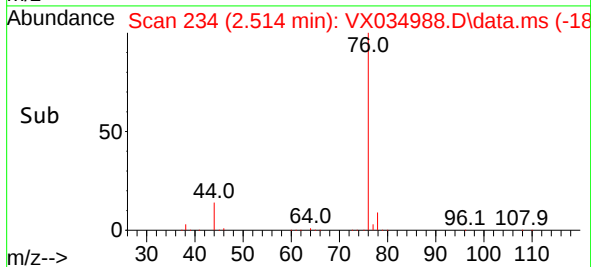
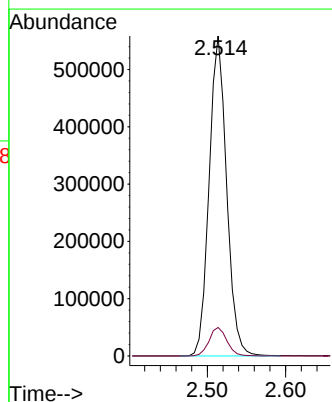
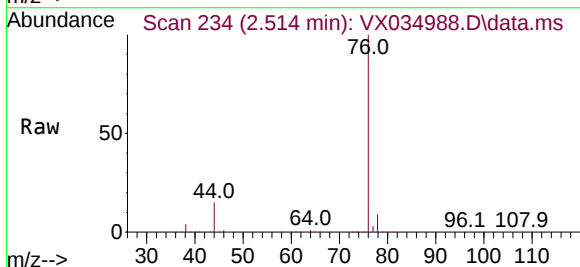
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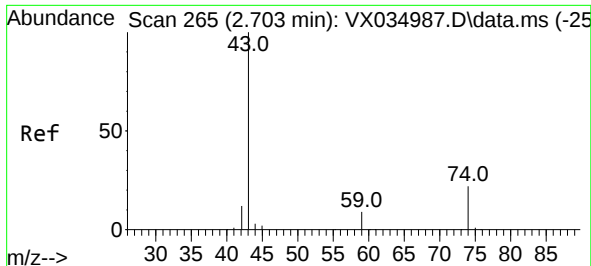
Tgt Ion: 43 Resp: 401812
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.4



#14
Carbon disulfide
Concen: 113.186 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 865108
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

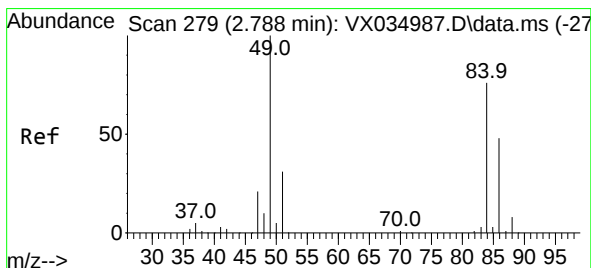
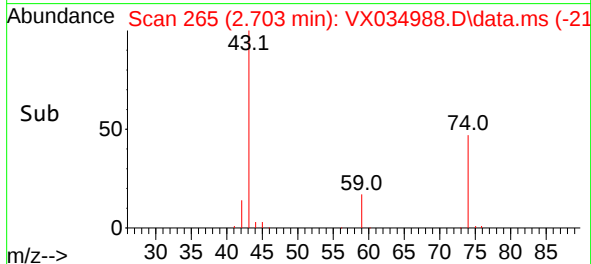
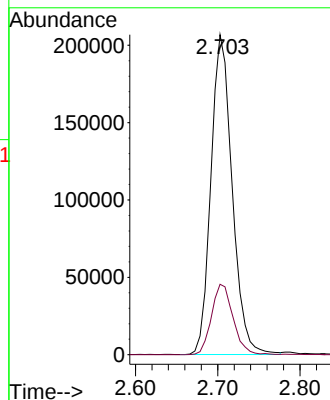
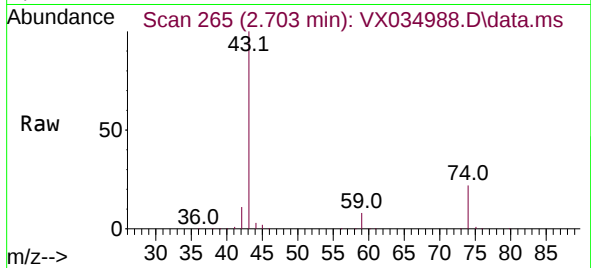




#15
Methyl Acetate
Concen: 110.676 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

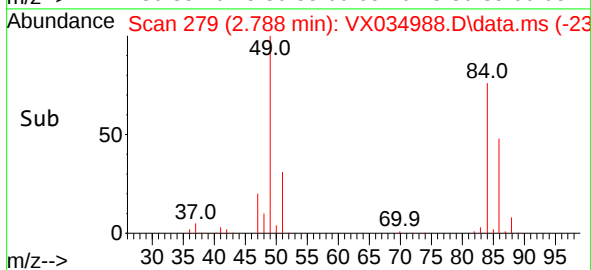
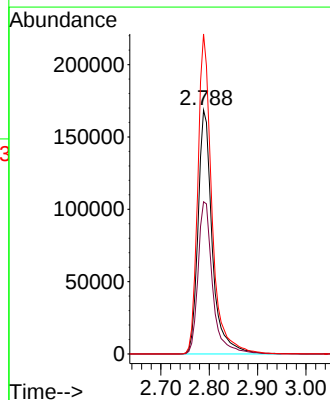
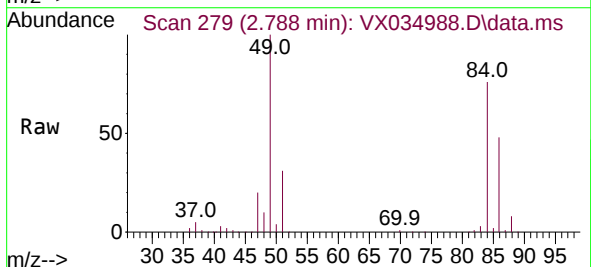
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

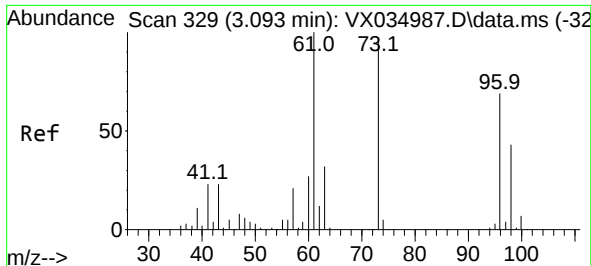
Tgt Ion: 43 Resp: 371827
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3



#16
Methylene chloride
Concen: 110.167 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion: 84 Resp: 343637
Ion Ratio Lower Upper
84 100
86 62.4 44.7 82.9
49 131.3 92.3 171.5

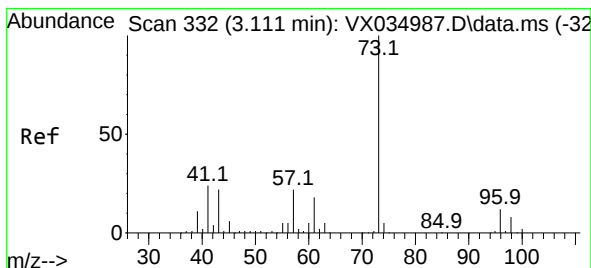
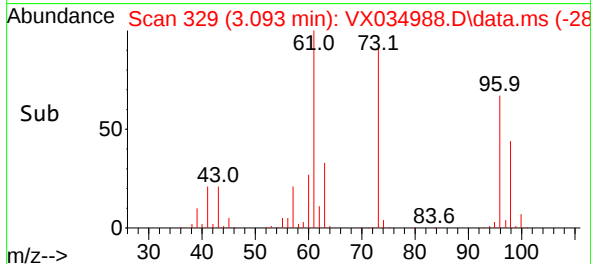
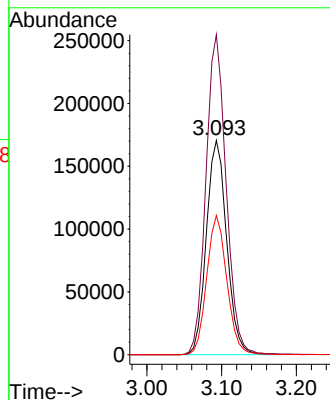
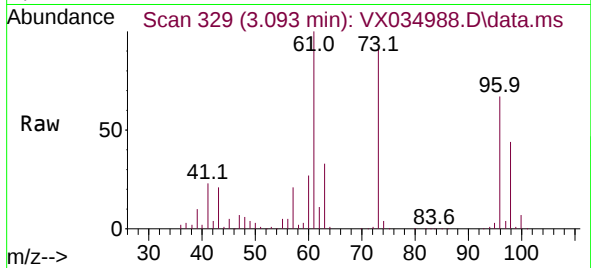




#17
trans-1,2-Dichloroethene
Concen: 110.573 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

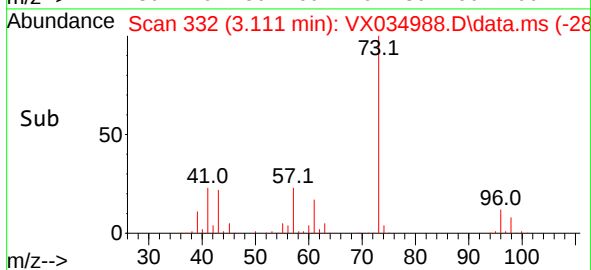
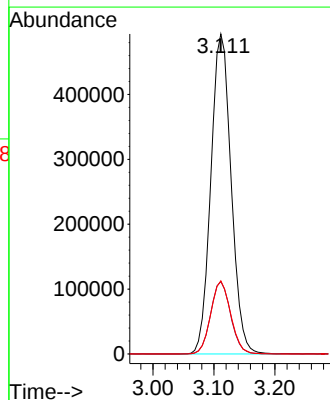
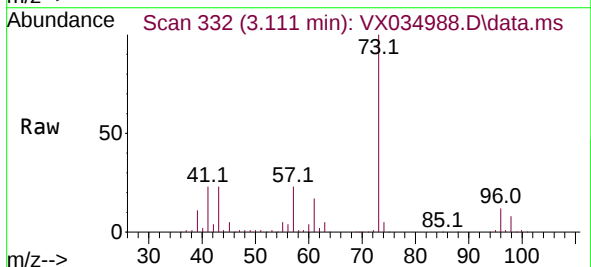
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

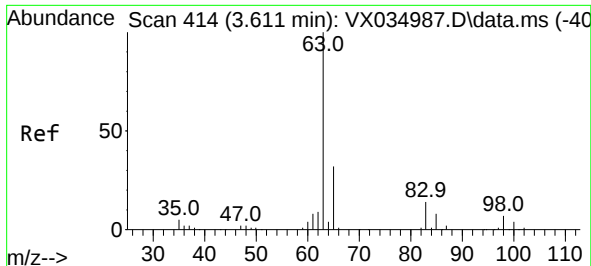
Tgt Ion: 96 Resp: 323282
Ion Ratio Lower Upper
96 100
61 149.3 102.0 189.4
98 65.0 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 111.609 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion: 73 Resp: 1140616
Ion Ratio Lower Upper
73 100
43 22.3 18.2 27.2
57 22.4 17.7 26.5





#19

1,1-Dichloroethane

Concen: 110.548 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD100629

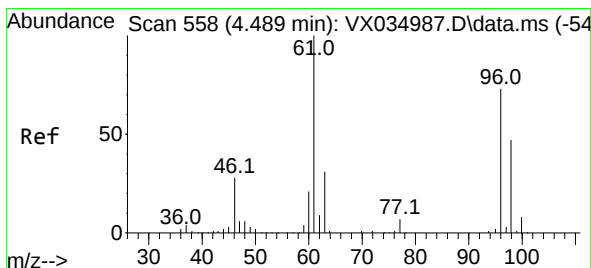
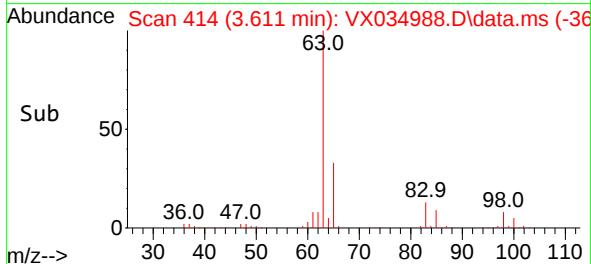
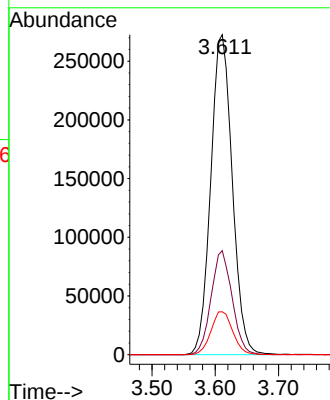
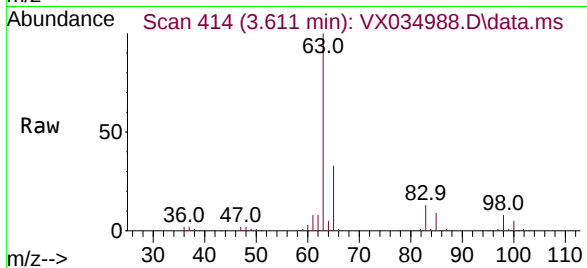
Tgt Ion: 63 Resp: 643628

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 13.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 111.930 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

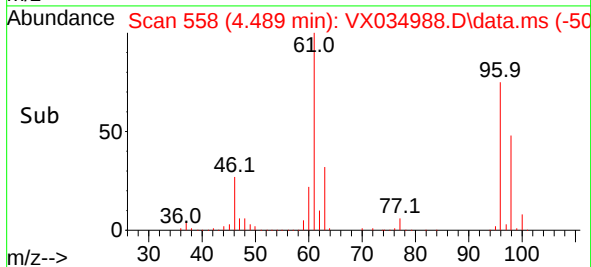
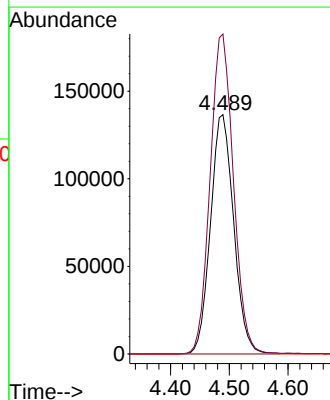
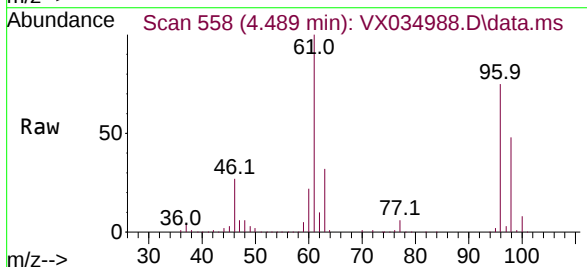
Tgt Ion: 96 Resp: 374378

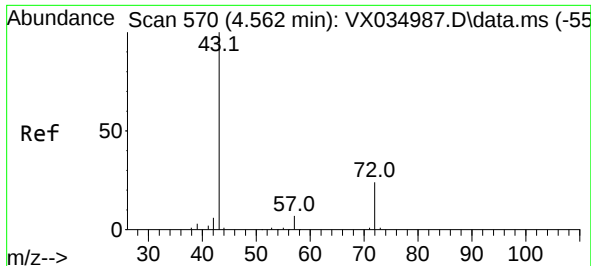
Ion Ratio Lower Upper

96 100

61 133.7 95.7 177.7

68 0.0 0.0 0.0

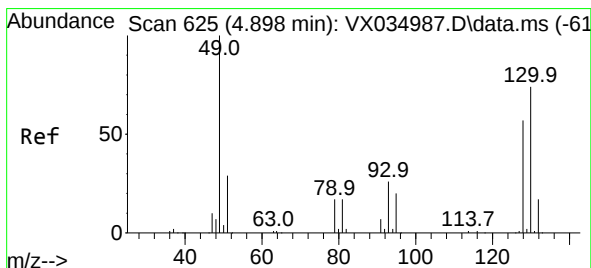
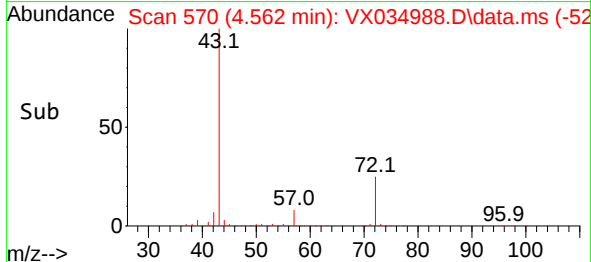
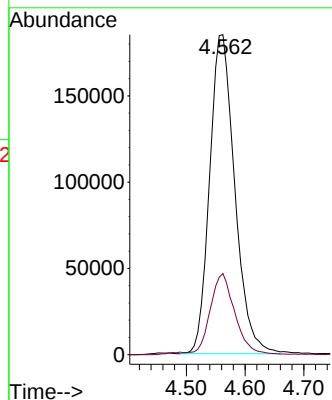
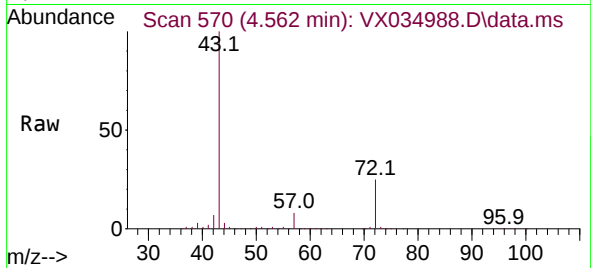




#22
2-Butanone
Concen: 219.848 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

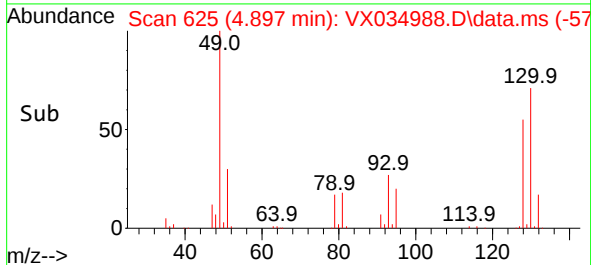
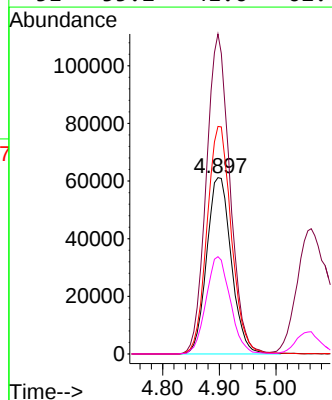
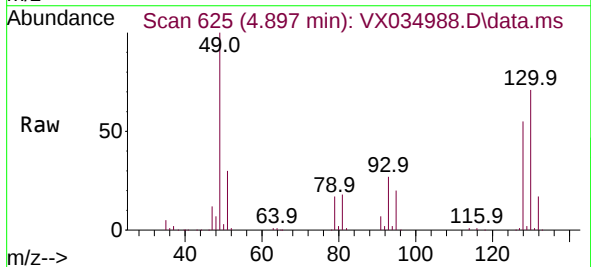
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

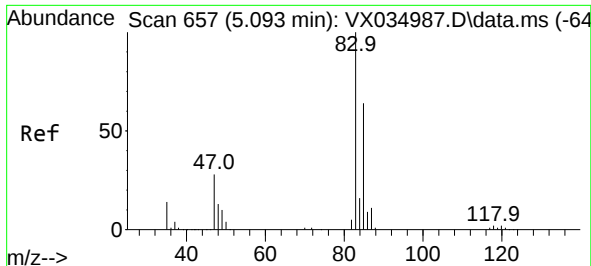
Tgt Ion: 43 Resp: 549723
Ion Ratio Lower Upper
43 100
72 25.1 11.5 34.5



#23
Bromochloromethane
Concen: 111.244 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion:128 Resp: 184055
Ion Ratio Lower Upper
128 100
49 181.6 123.9 230.1
130 129.1 92.1 171.1
51 55.2 41.6 62.4

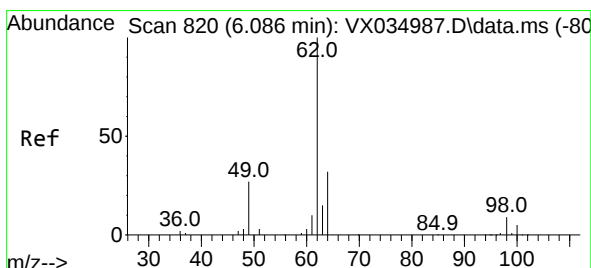
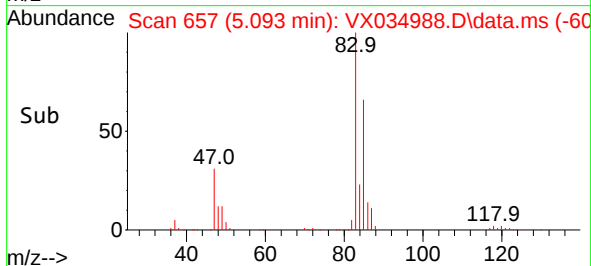
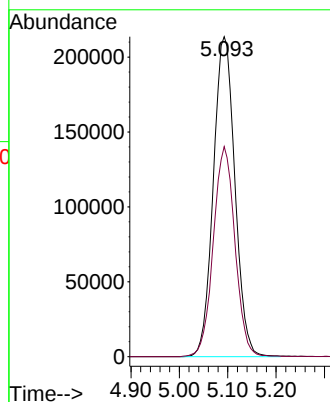
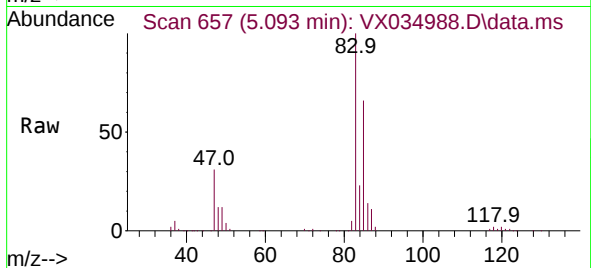




#25
Chloroform
Concen: 110.803 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

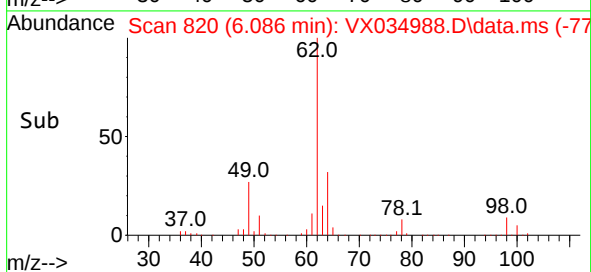
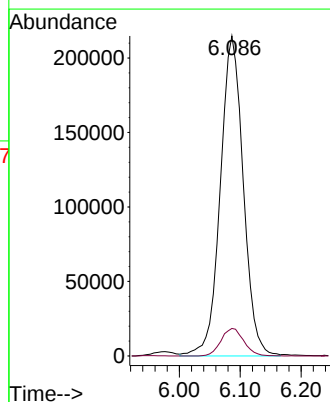
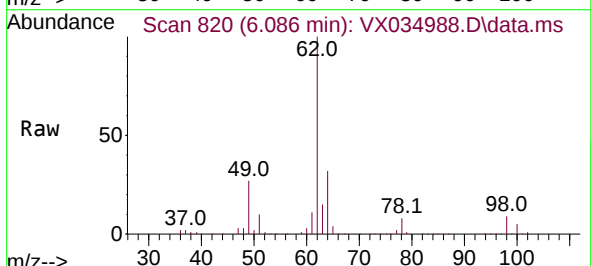
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

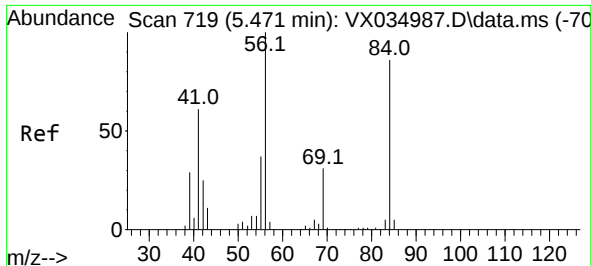
Tgt Ion: 83 Resp: 661614
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.9



#27
1,2-Dichloroethane
Concen: 111.344 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

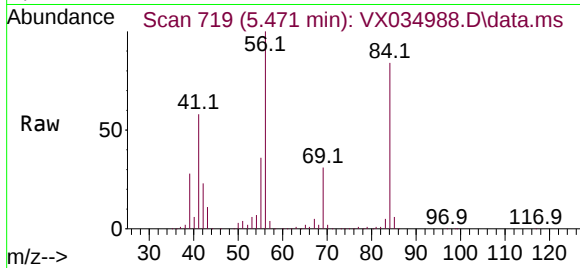
Tgt Ion: 62 Resp: 563047
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6



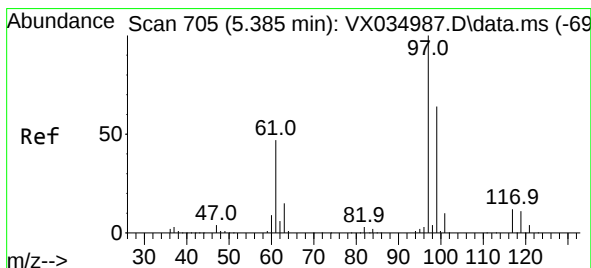
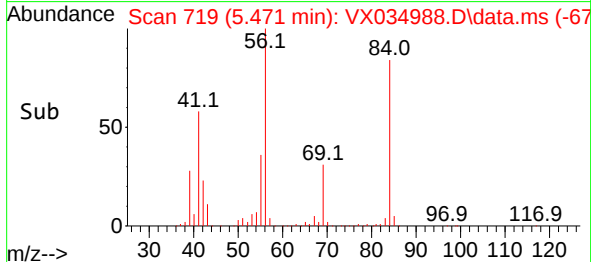
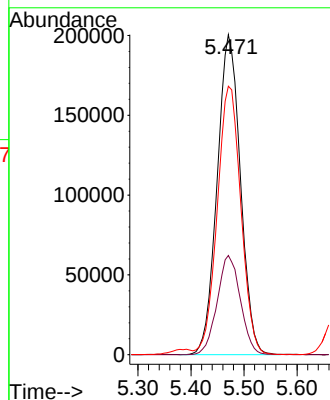


#29
Cyclohexane
Concen: 111.418 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

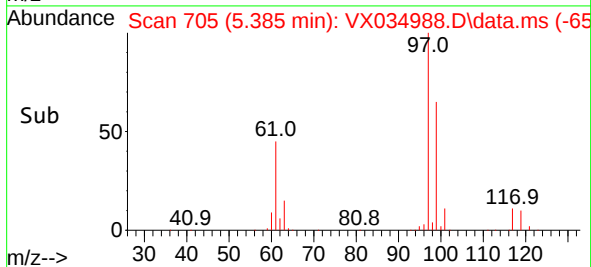
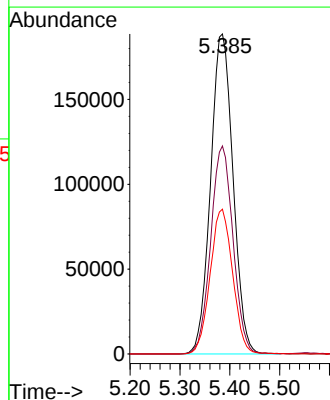
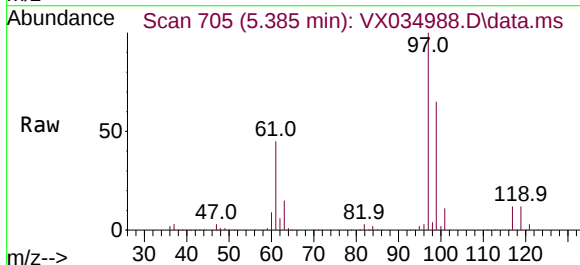


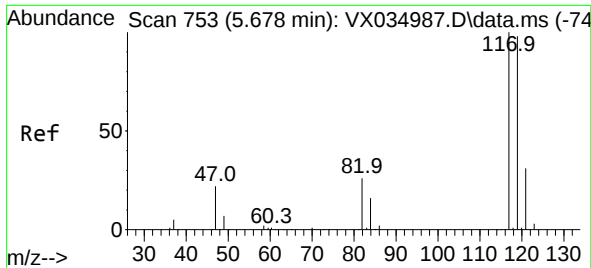
Tgt Ion:	56	Resp:	610594
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.5	36.7
84	85.2	69.4	104.2



#30
1,1,1-Trichloroethane
Concen: 112.077 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion:	97	Resp:	590651
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	45.2	36.8	55.2

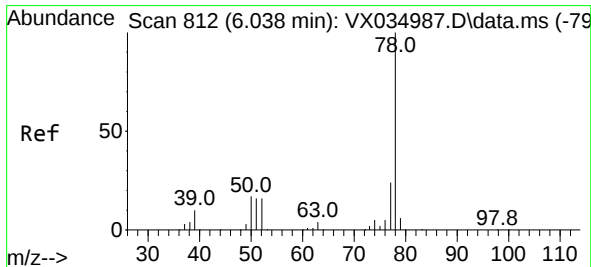
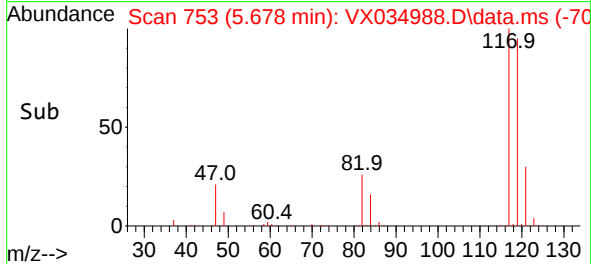
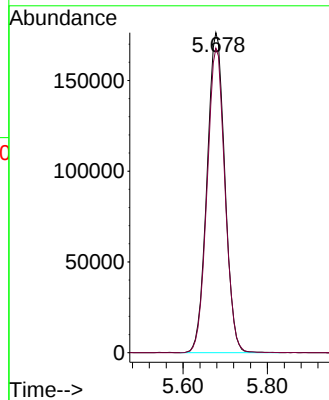
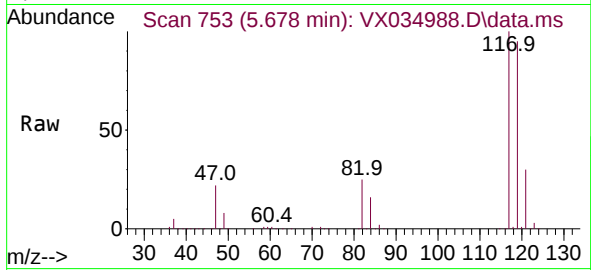




#31
Carbon tetrachloride
Concen: 114.310 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

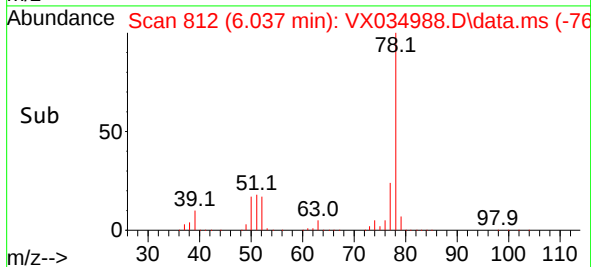
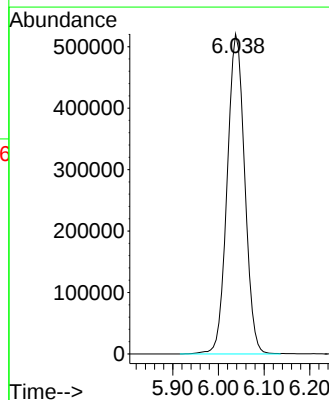
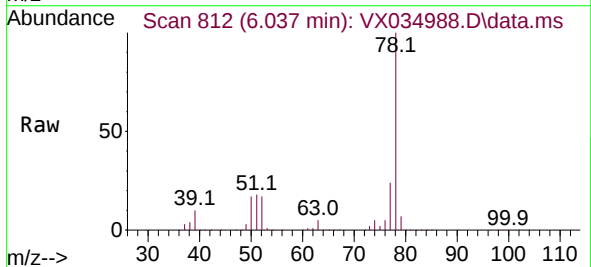
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

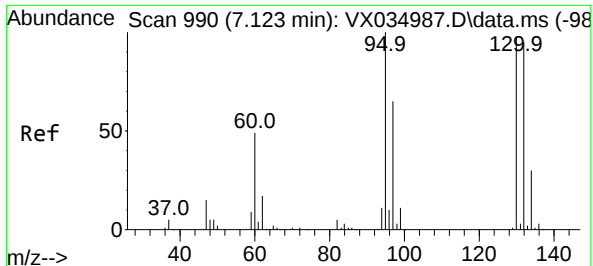
Tgt Ion:117 Resp: 519271
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1



#33
Benzene
Concen: 109.318 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion: 78 Resp: 1389405





#34

Trichloroethene

Concen: 110.395 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD100629

Tgt Ion: 95 Resp: 378290

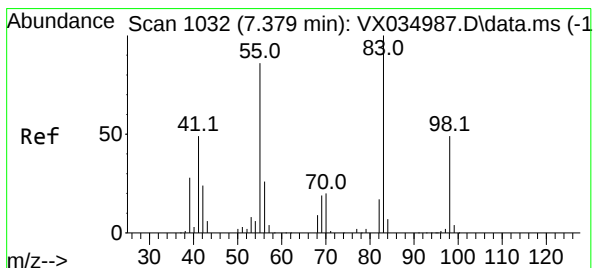
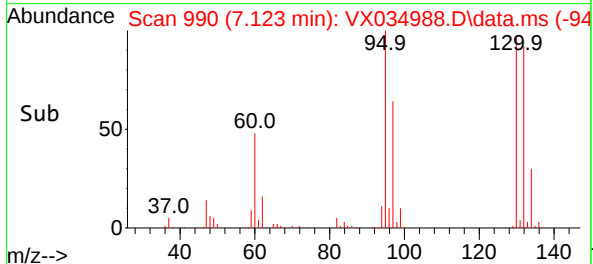
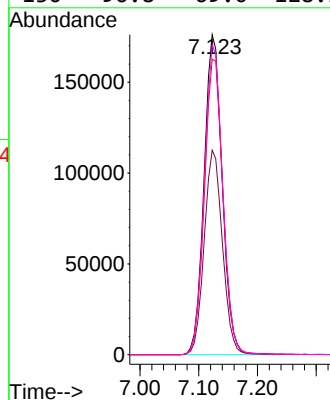
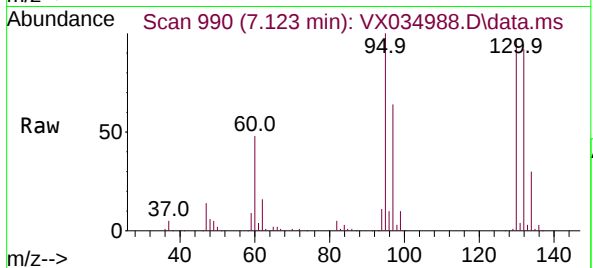
Ion Ratio Lower Upper

95 100

97 63.9 45.4 84.2

132 92.3 66.8 124.0

130 96.8 69.0 128.1



#35

Methylcyclohexane

Concen: 111.698 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

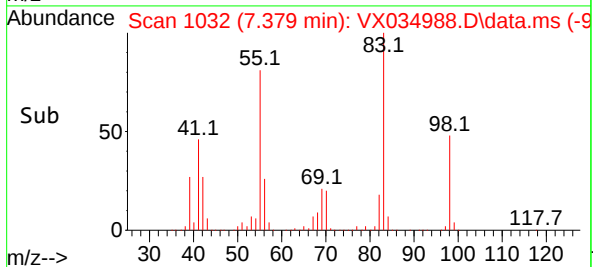
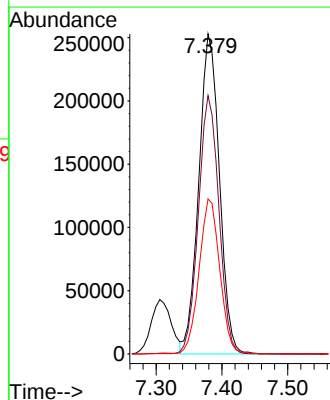
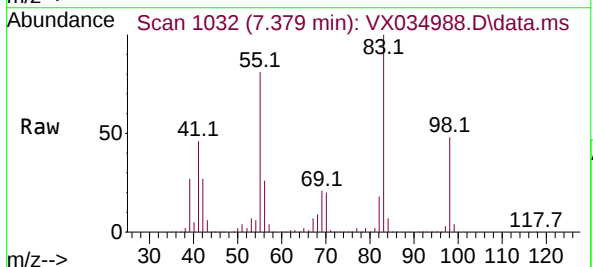
Tgt Ion: 83 Resp: 551802

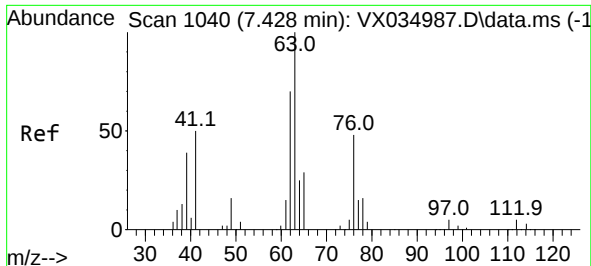
Ion Ratio Lower Upper

83 100

55 80.1 65.0 97.6

98 48.5 38.7 58.1





#37

1,2-Dichloropropane

Concen: 110.750 ug/L

RT: 7.427 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

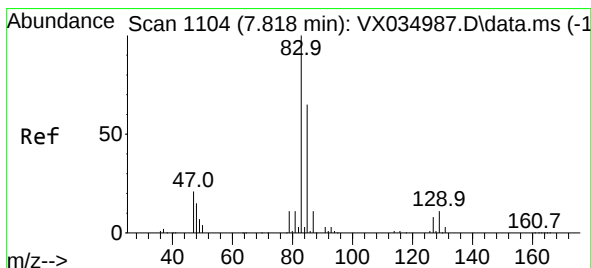
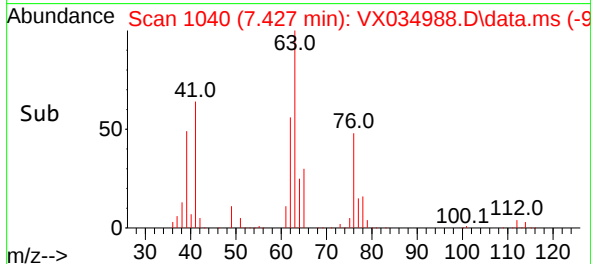
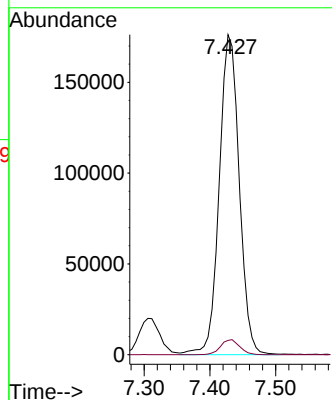
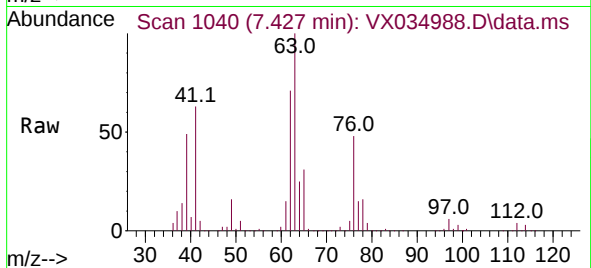
VSTD100629

Tgt Ion: 63 Resp: 372985

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 114.287 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

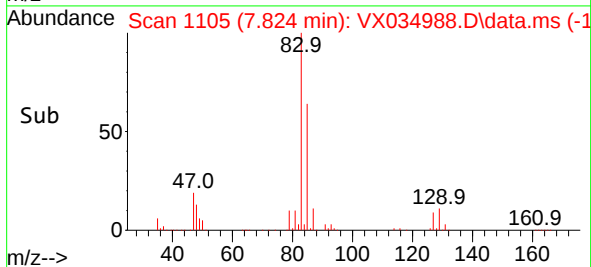
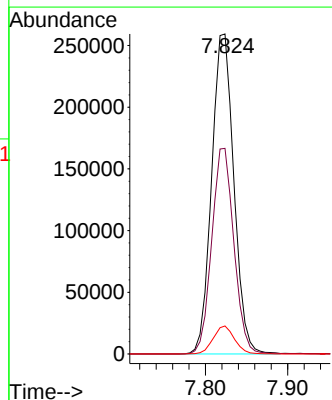
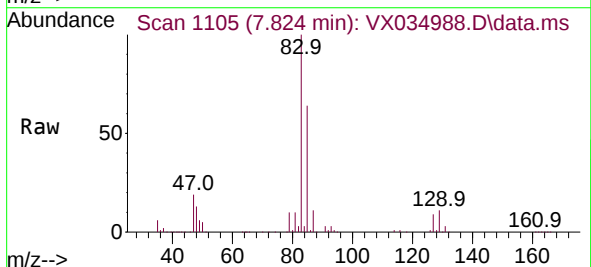
Tgt Ion: 83 Resp: 486986

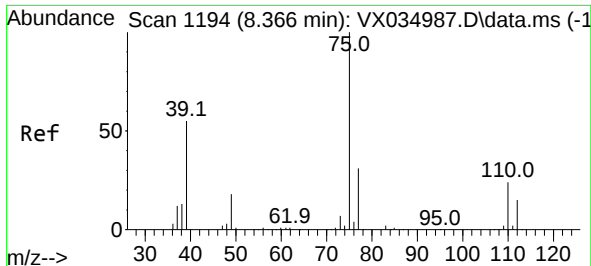
Ion Ratio Lower Upper

83 100

85 64.3 45.6 84.6

127 8.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 117.922 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

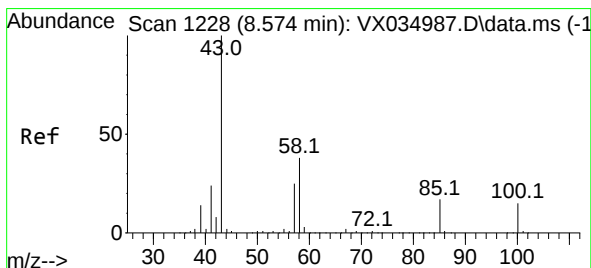
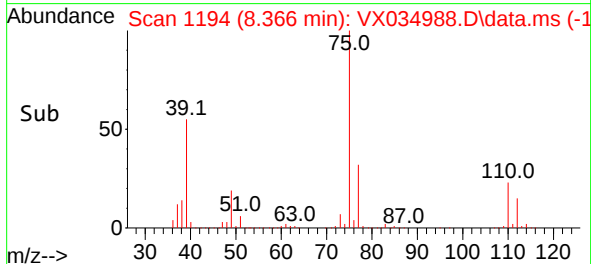
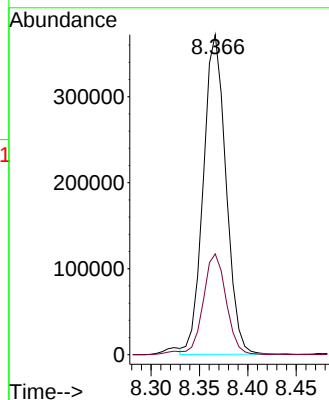
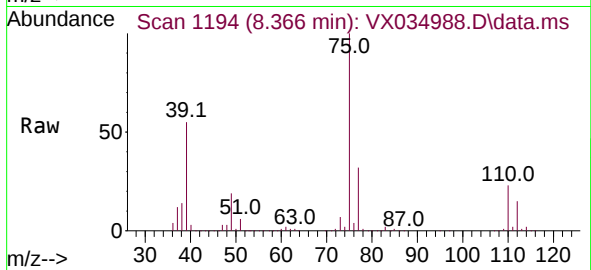
VSTD100629

Tgt Ion: 75 Resp: 606945

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 229.536 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

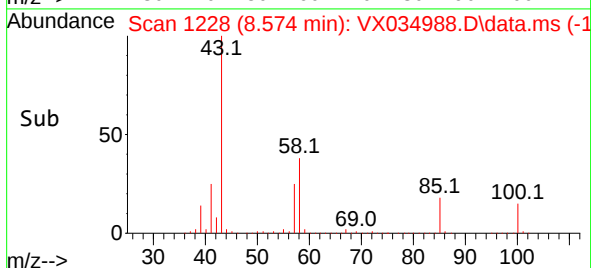
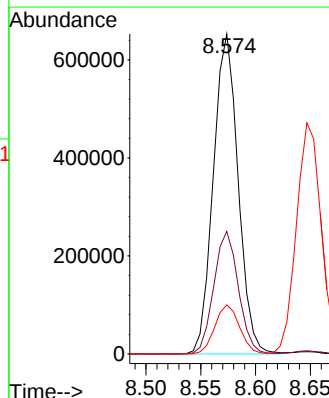
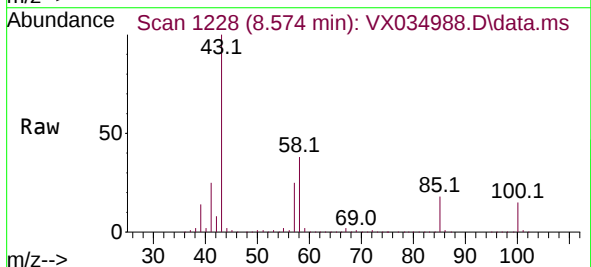
Tgt Ion: 43 Resp: 1027189

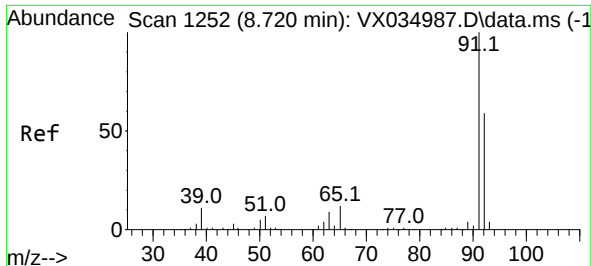
Ion Ratio Lower Upper

43 100

58 38.0 30.1 45.1

100 15.3 11.9 17.9





#42

Toluene

Concen: 110.804 ug/L

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

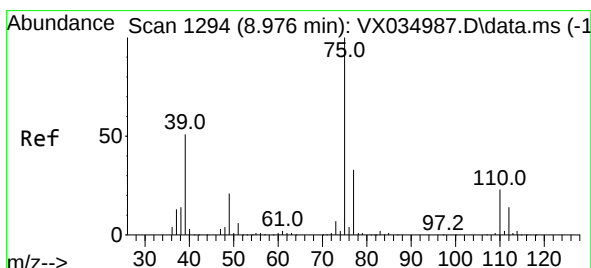
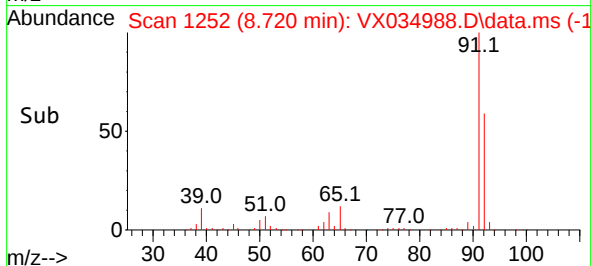
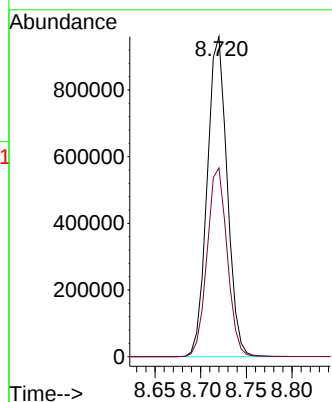
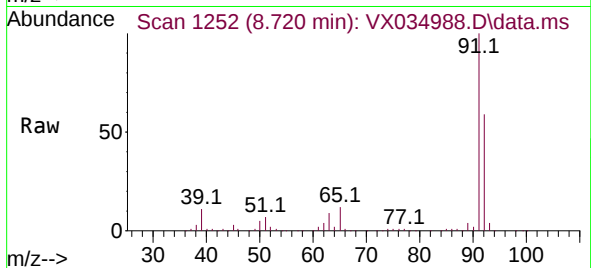
VSTD100629

Tgt Ion: 91 Resp: 1458558

Ion Ratio Lower Upper

91 100

92 59.0 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 121.054 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX034988.D

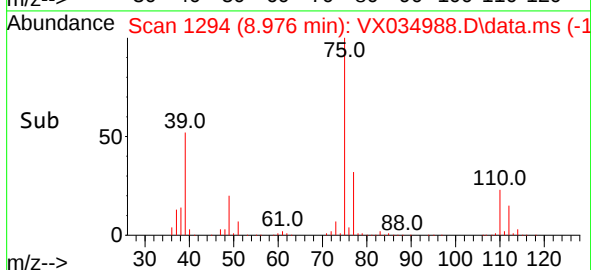
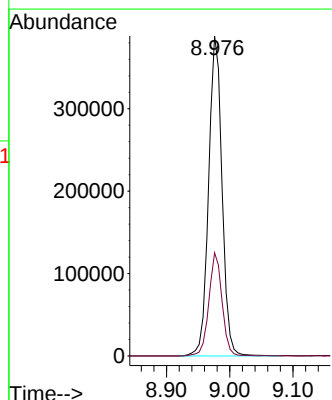
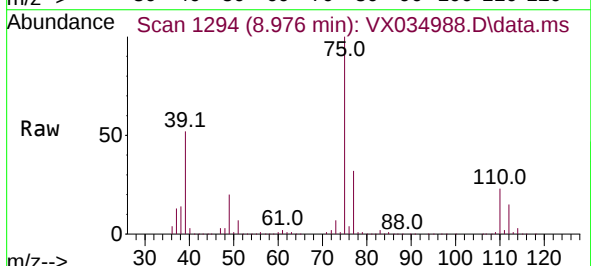
Acq: 10 Apr 2023 11:12

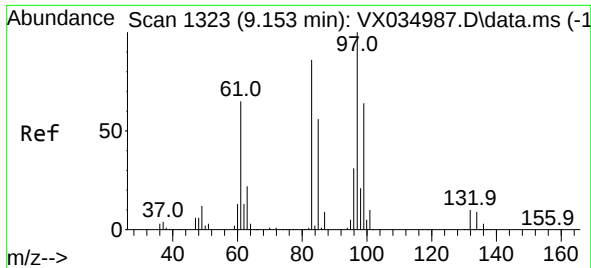
Tgt Ion: 75 Resp: 573615

Ion Ratio Lower Upper

75 100

77 32.2 22.9 42.5



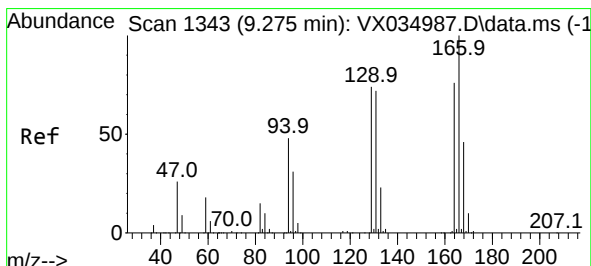
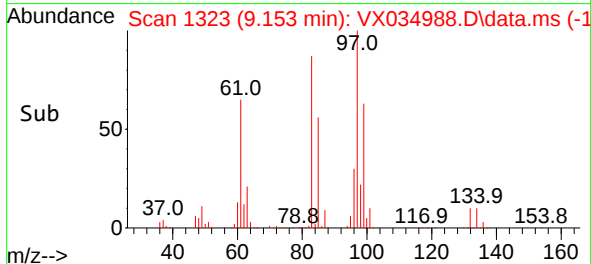
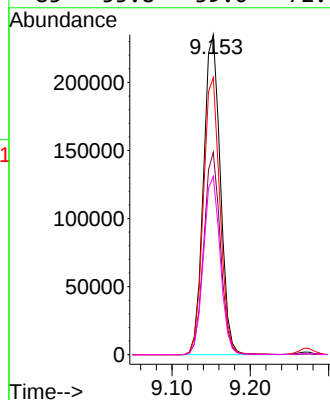
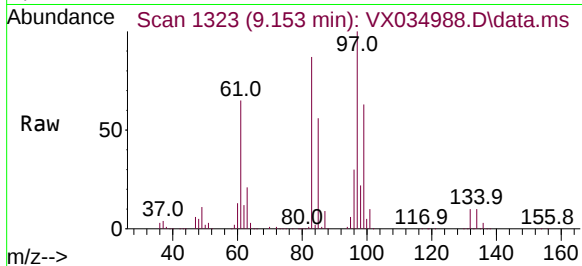


#45
1,1,2-Trichloroethane
Concen: 111.516 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

Tgt Ion: 97 Resp: 350216

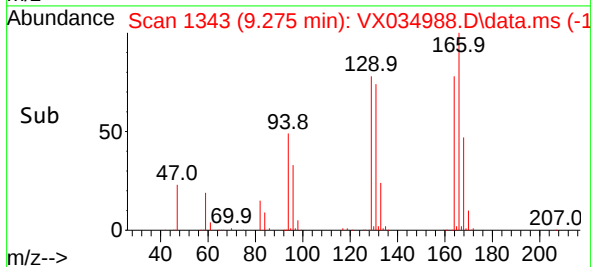
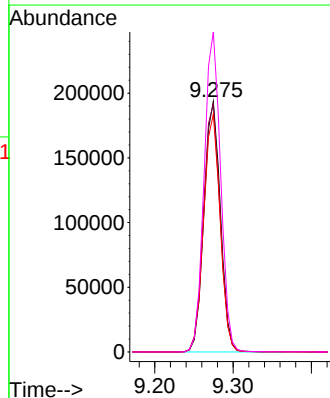
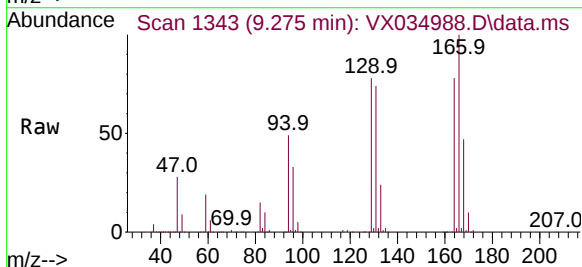
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.8	83.2
83	86.6	60.5	112.3
85	55.8	39.0	72.4

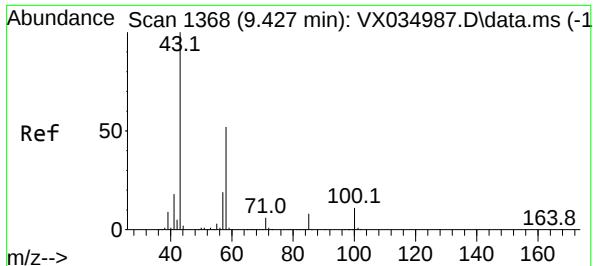


#46
Tetrachloroethene
Concen: 110.488 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion: 164 Resp: 282056

Ion	Ratio	Lower	Upper
164	100		
129	99.0	67.7	125.7
131	94.9	65.8	122.2
166	127.7	91.6	170.2

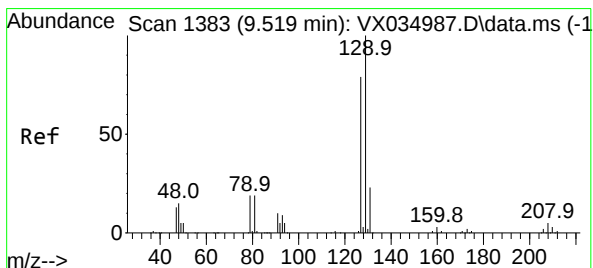
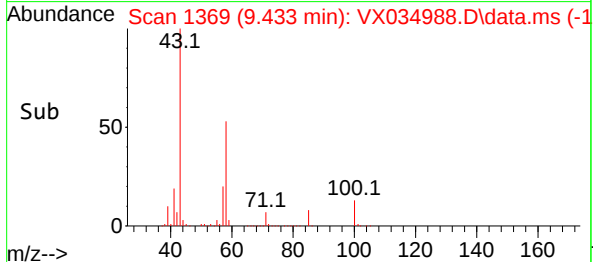
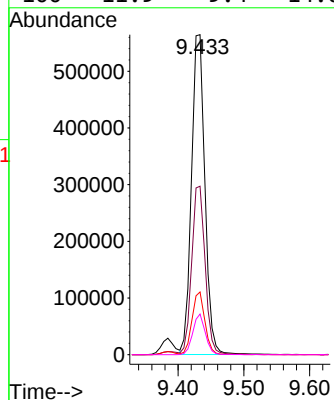
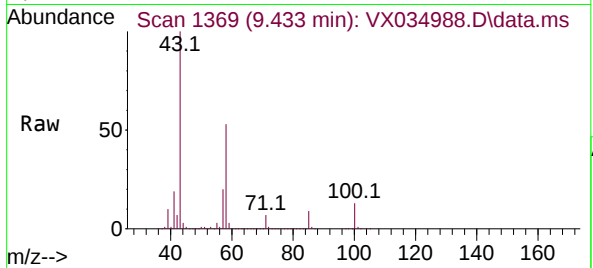




#48
2-Hexanone
Concen: 227.469 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

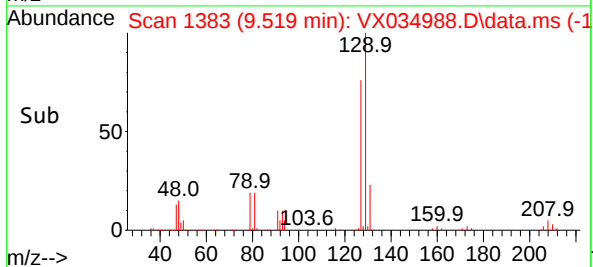
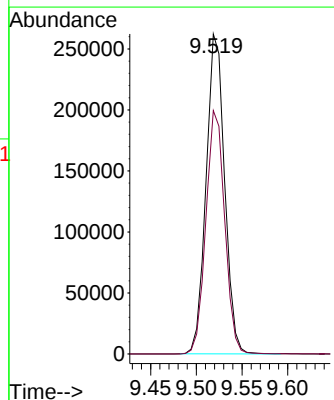
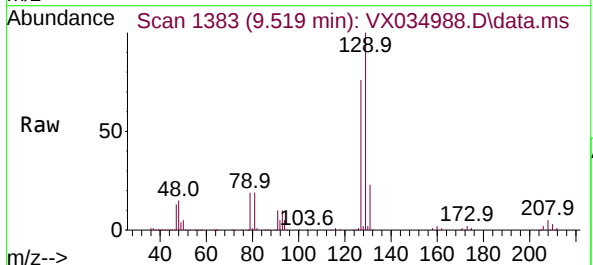
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

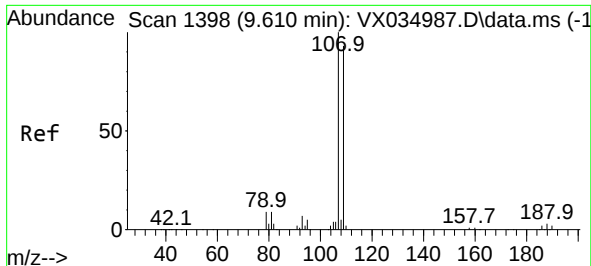
Tgt Ion: 43 Resp: 797904
Ion Ratio Lower Upper
43 100
58 52.4 42.1 63.1
57 18.9 15.0 22.6
100 11.9 9.4 14.0



#49
Dibromochloromethane
Concen: 119.233 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion: 129 Resp: 368316
Ion Ratio Lower Upper
129 100
127 76.0 55.0 102.2





#50

1,2-Dibromoethane

Concen: 113.192 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD100629

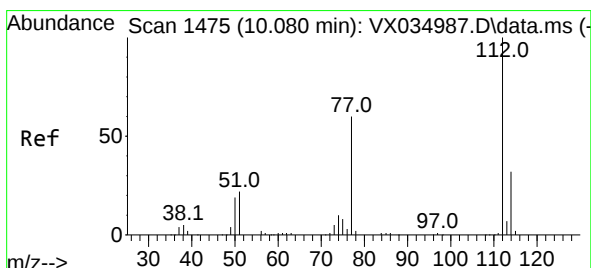
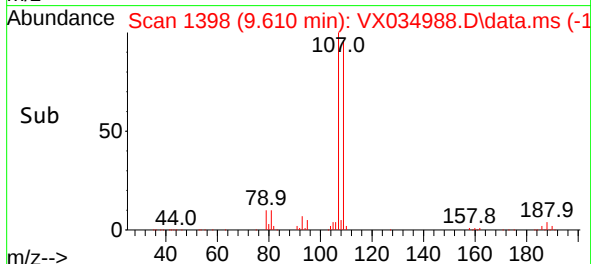
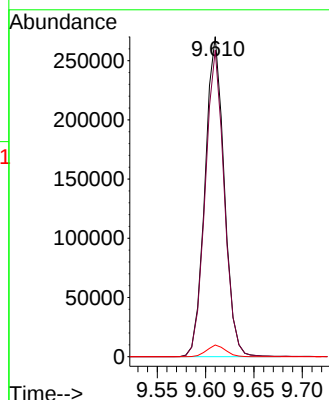
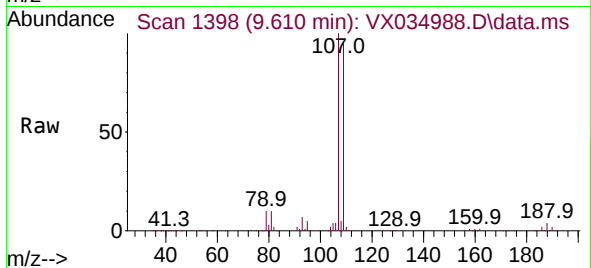
Tgt Ion:107 Resp: 373046

Ion Ratio Lower Upper

107 100

109 95.8 65.4 121.4

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 110.860 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

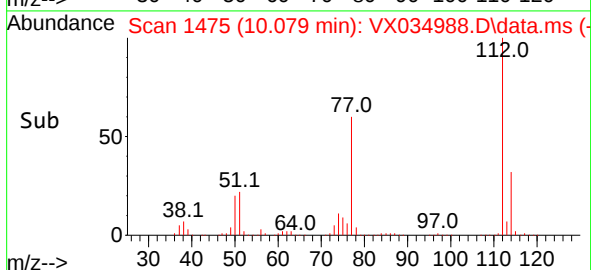
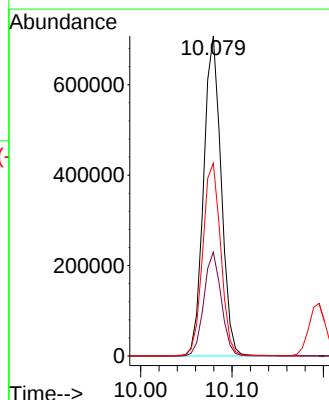
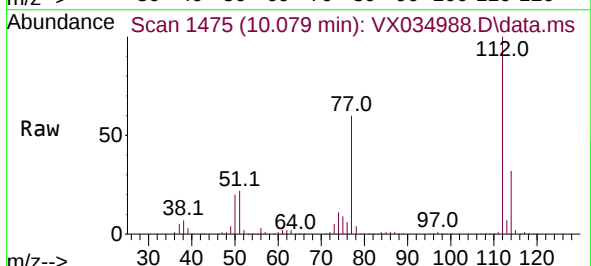
Tgt Ion:112 Resp: 940581

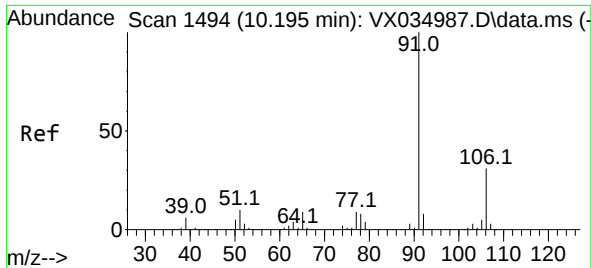
Ion Ratio Lower Upper

112 100

114 32.4 22.6 42.0

77 60.2 48.8 73.2

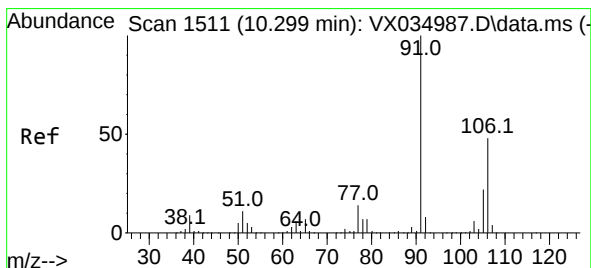
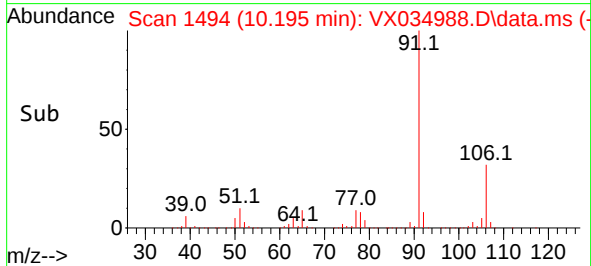
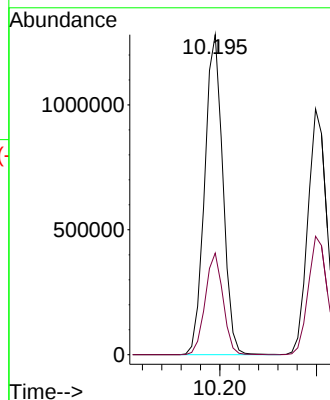
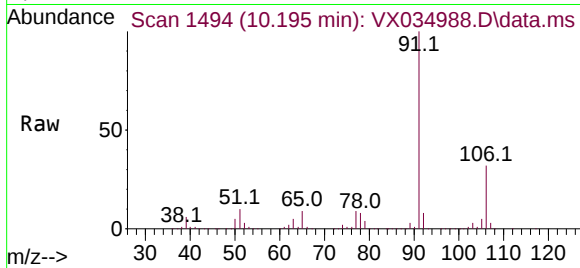




#52
Ethylbenzene
Concen: 112.034 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

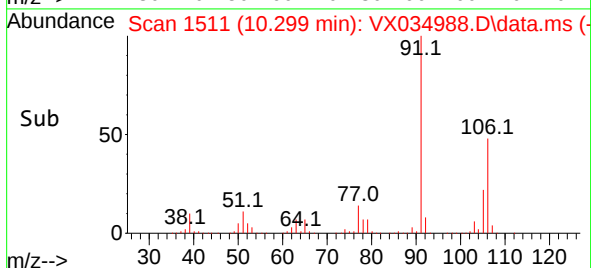
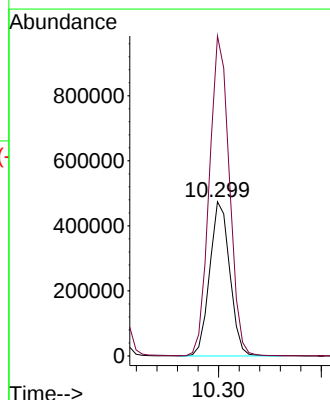
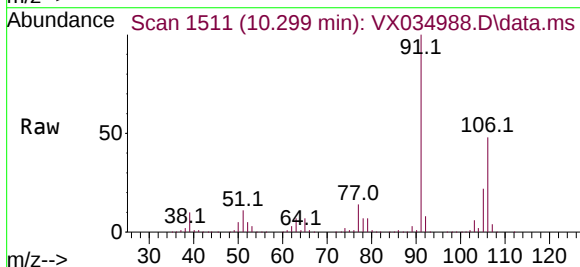
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

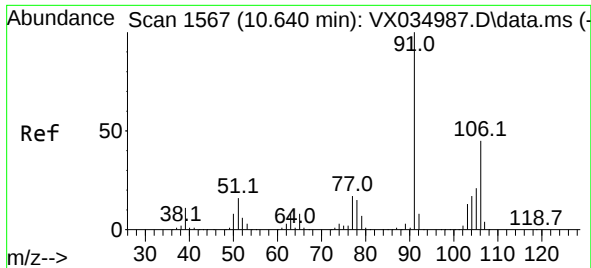
Tgt Ion: 91 Resp: 1673619
Ion Ratio Lower Upper
91 100
106 31.8 21.3 39.6



#53
m,p-Xylene
Concen: 113.740 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion: 106 Resp: 640186
Ion Ratio Lower Upper
106 100
91 207.5 146.4 272.0

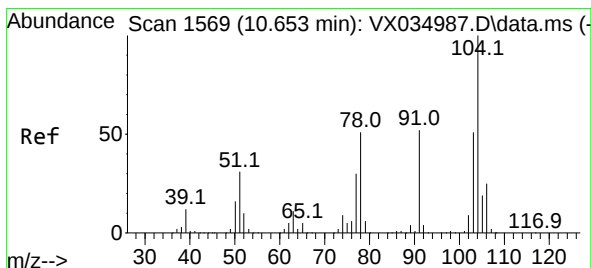
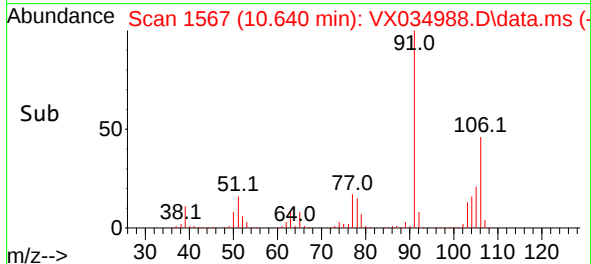
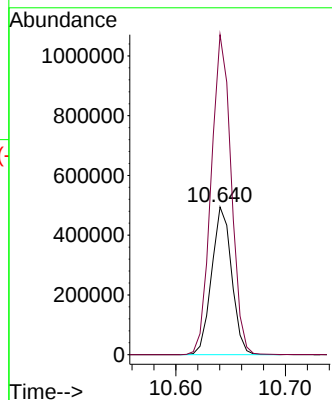
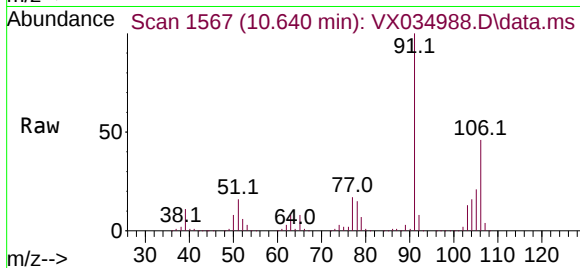




#54
o-Xylene
Concen: 113.277 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

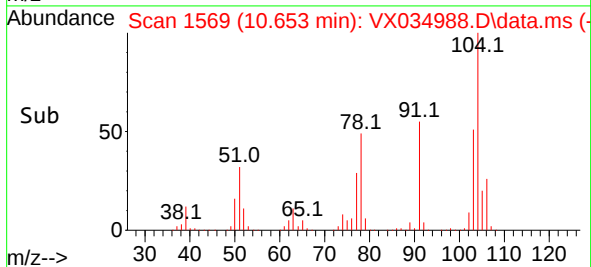
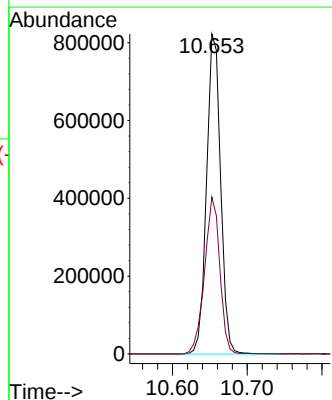
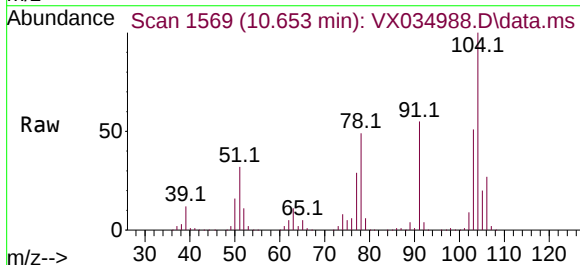
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

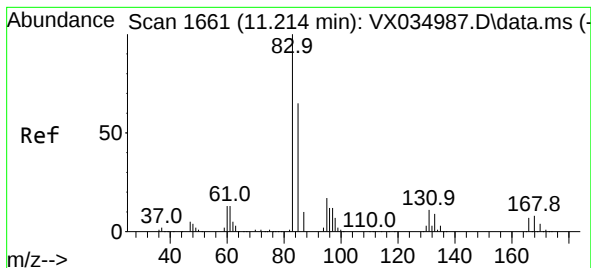
Tgt Ion:106 Resp: 628199
Ion Ratio Lower Upper
106 100
91 216.6 154.0 286.0



#55
Styrene
Concen: 115.600 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion:104 Resp: 1074840
Ion Ratio Lower Upper
104 100
78 49.0 35.4 65.8





#57

1,1,2,2-Tetrachloroethane

Concen: 112.123 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD100629

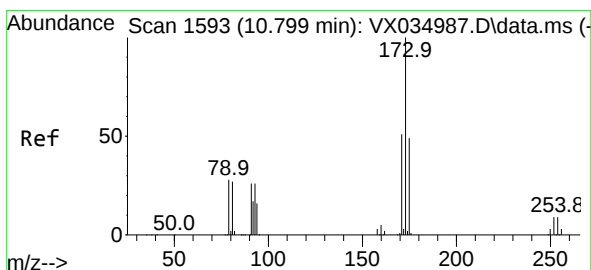
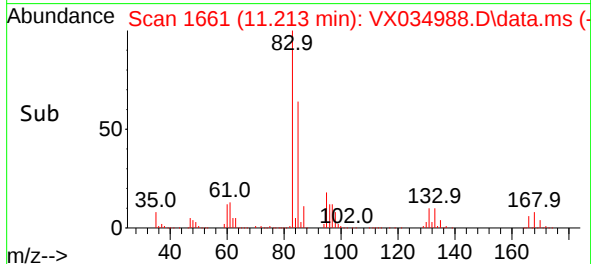
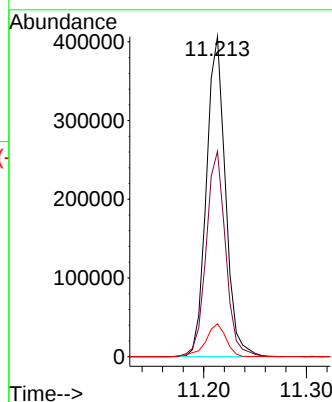
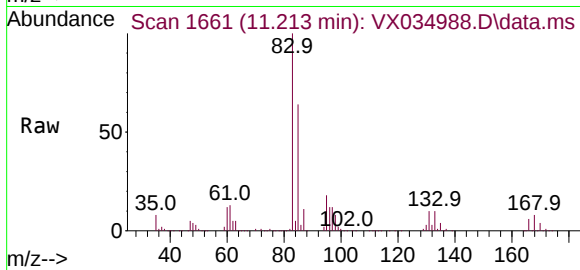
Tgt Ion: 83 Resp: 522853

Ion Ratio Lower Upper

83 100

85 64.2 45.5 84.5

131 10.3 8.6 12.8



#59

Bromoform

Concen: 118.883 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

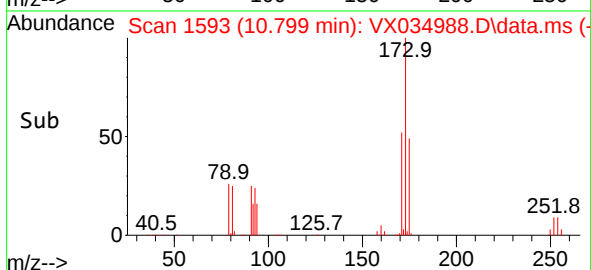
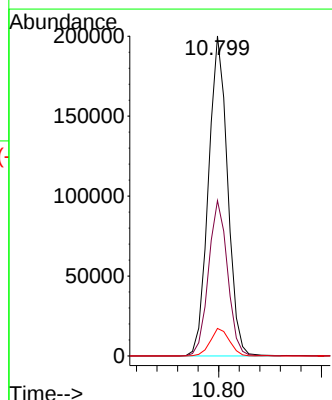
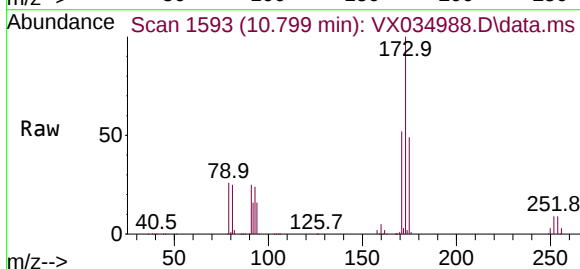
Tgt Ion:173 Resp: 258403

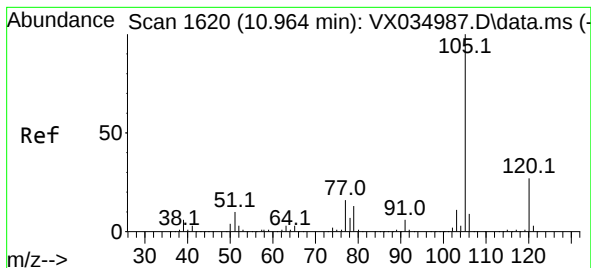
Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.4

254 8.6 7.3 10.9





#60

Isopropylbenzene

Concen: 110.104 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD100629

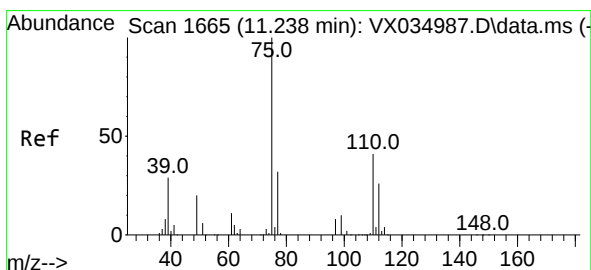
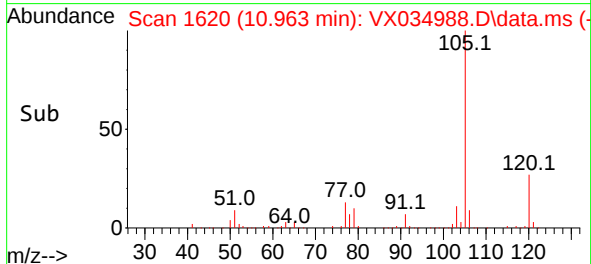
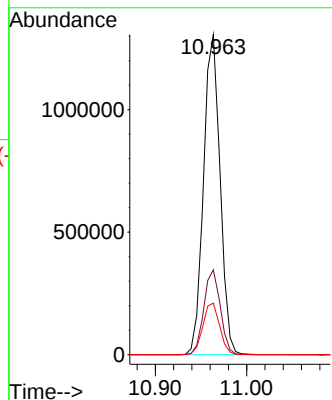
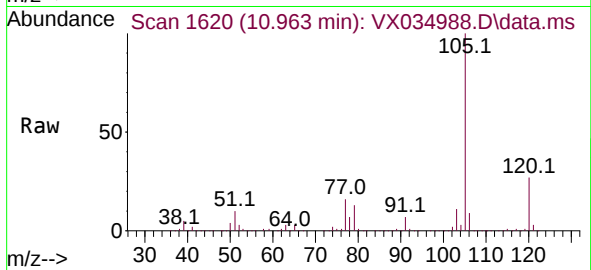
Tgt Ion:105 Resp: 1639256

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

77 16.4 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 107.529 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

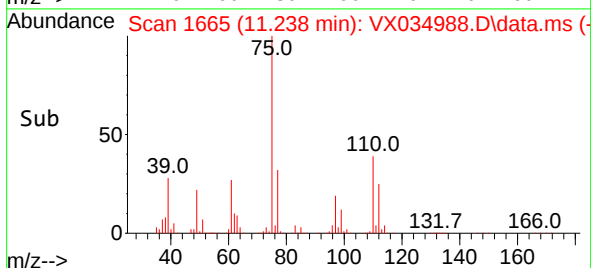
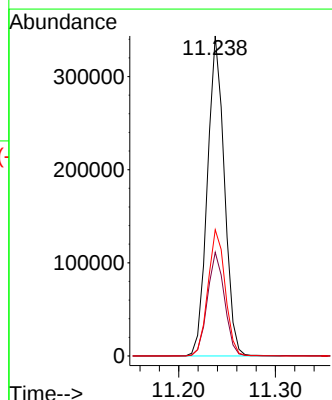
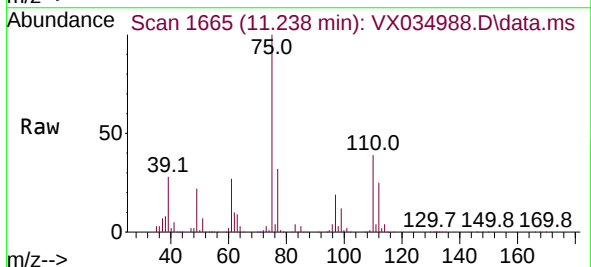
Tgt Ion: 75 Resp: 420345

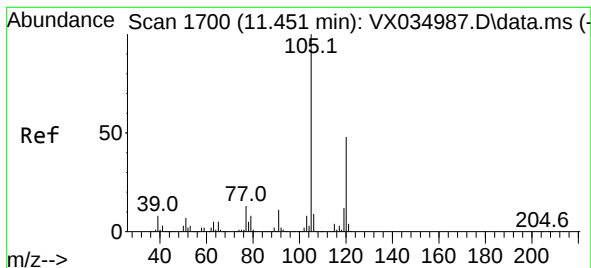
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

110 39.8 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 111.499 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

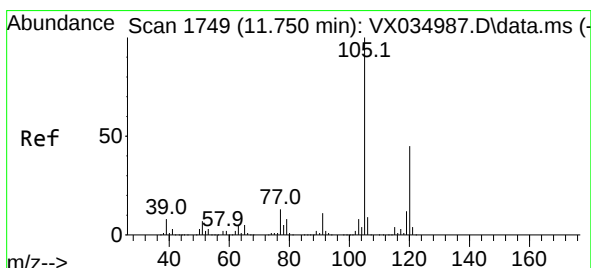
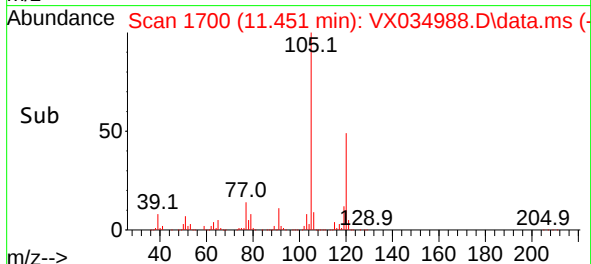
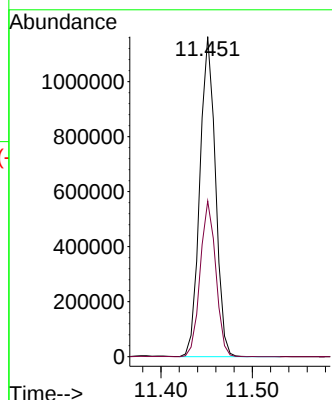
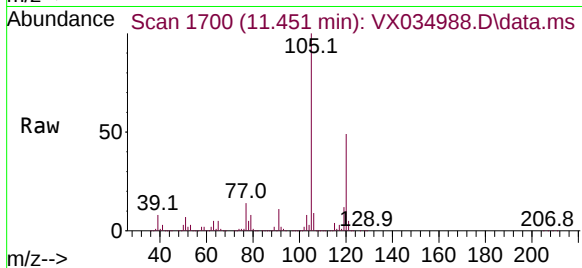
VSTD100629

Tgt Ion:105 Resp: 1376376

Ion Ratio Lower Upper

105 100

120 48.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 112.529 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034988.D

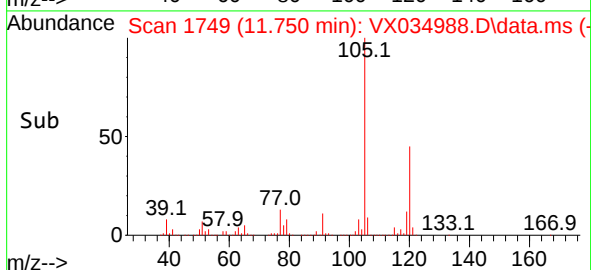
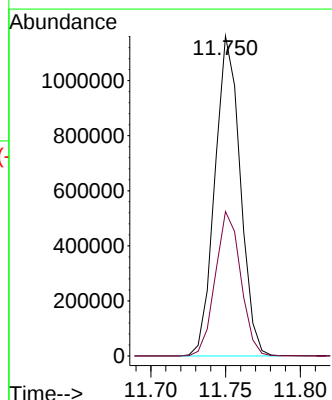
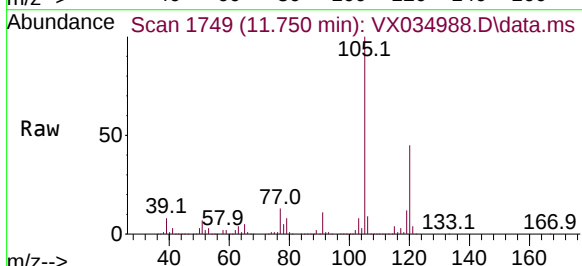
Acq: 10 Apr 2023 11:12

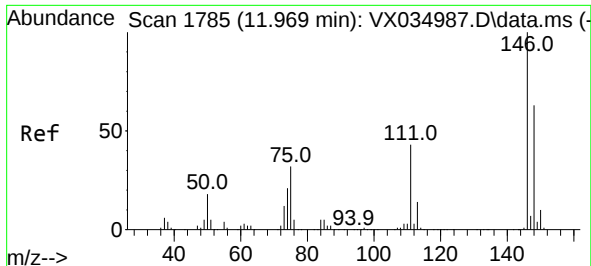
Tgt Ion:105 Resp: 1371591

Ion Ratio Lower Upper

105 100

120 45.1 35.6 53.4

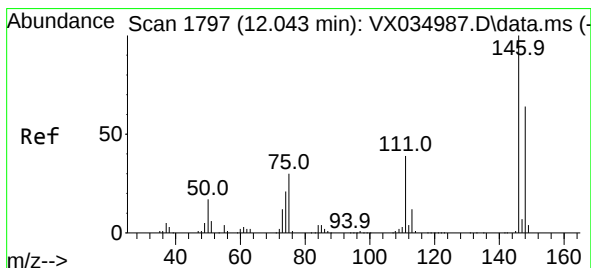
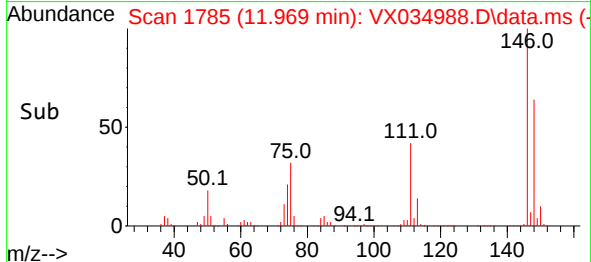
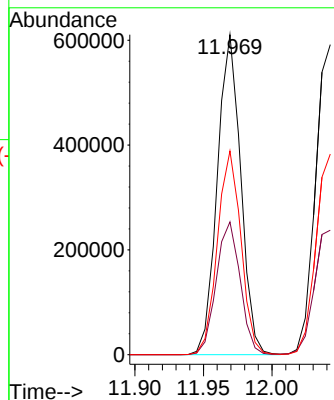
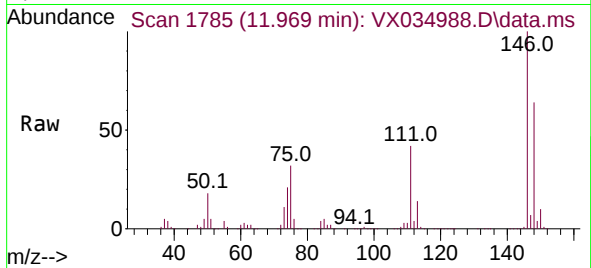




#64
1,3-Dichlorobenzene
Concen: 109.336 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

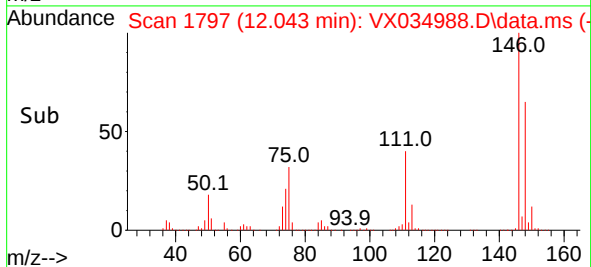
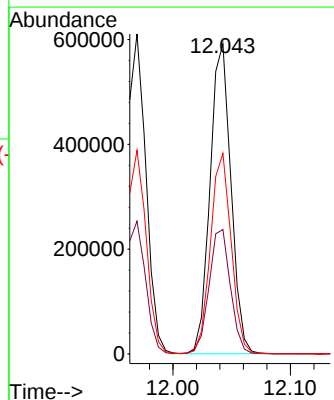
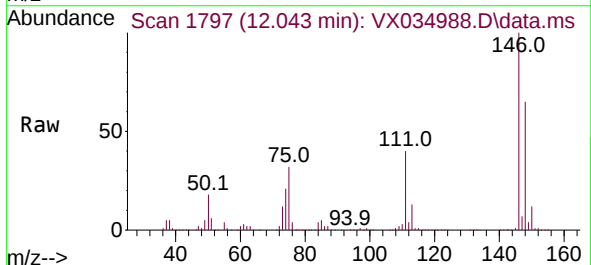
Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

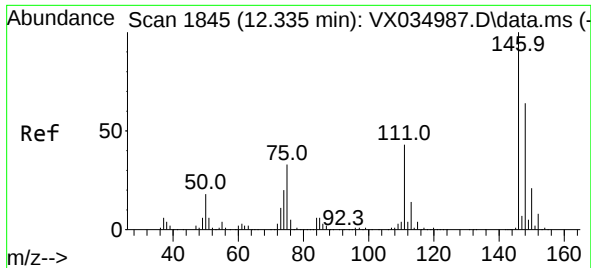
Tgt Ion:146 Resp: 725150
Ion Ratio Lower Upper
146 100
111 41.5 30.3 56.3
148 63.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 108.883 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion:146 Resp: 730155
Ion Ratio Lower Upper
146 100
111 40.2 27.5 51.1
148 64.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 109.073 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD100629

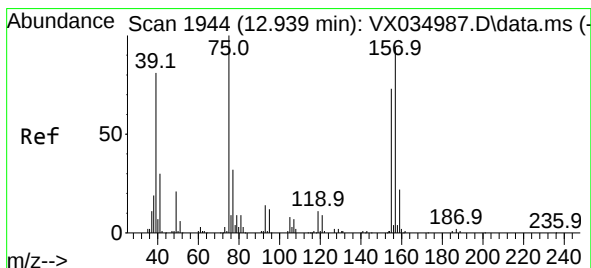
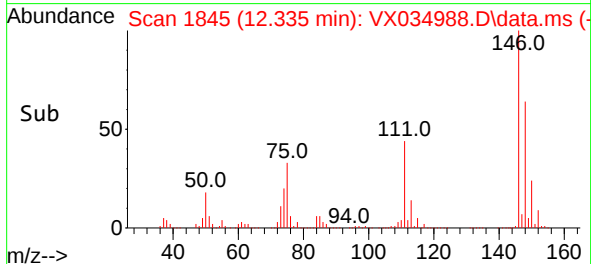
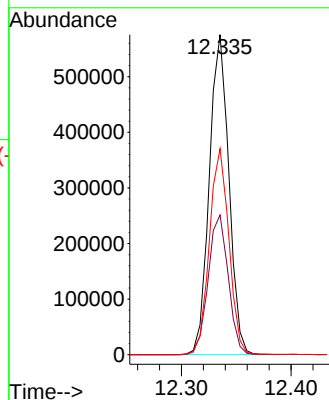
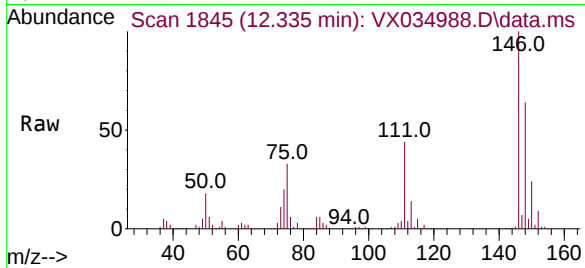
Tgt Ion:146 Resp: 712659

Ion Ratio Lower Upper

146 100

111 43.6 34.4 51.6

148 64.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 120.476 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

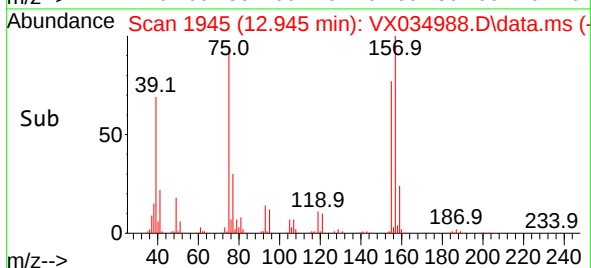
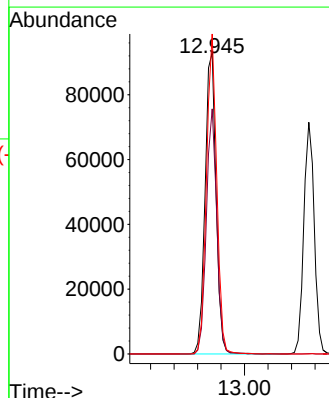
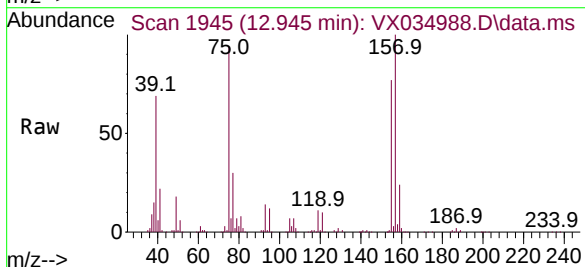
Tgt Ion: 75 Resp: 120539

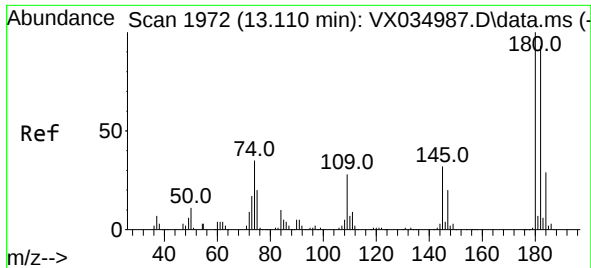
Ion Ratio Lower Upper

75 100

155 81.3 58.0 87.0

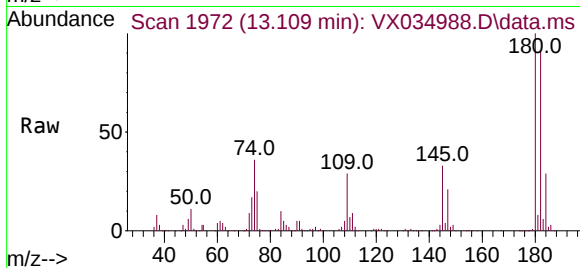
157 106.1 75.3 112.9



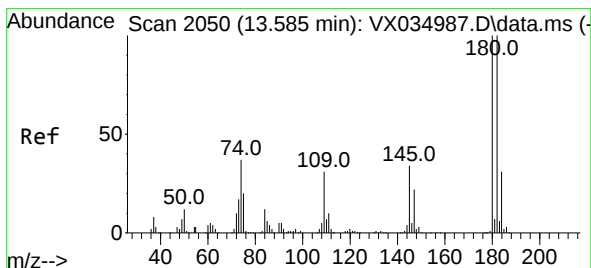
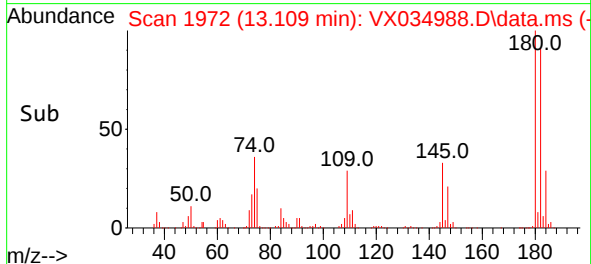
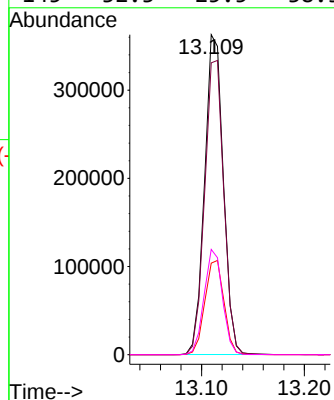


#69
1,3,5-Trichlorobenzene
Concen: 110.985 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTD100629

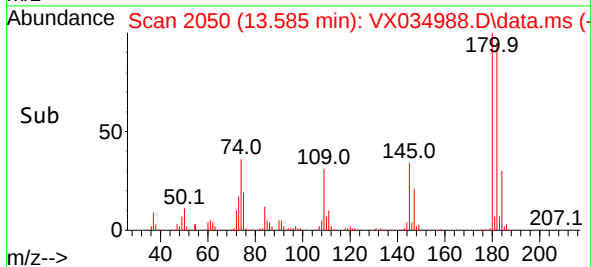
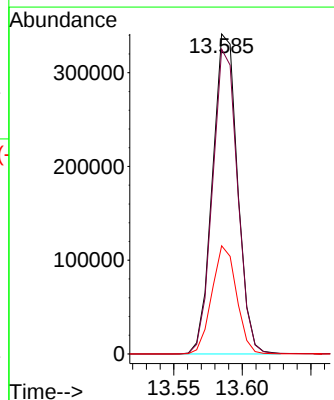
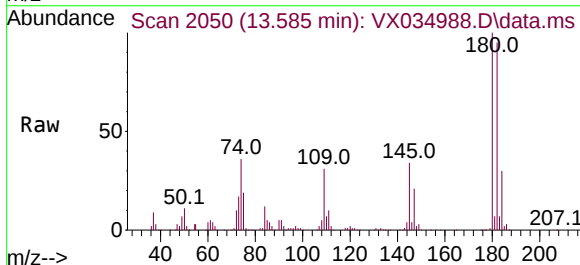


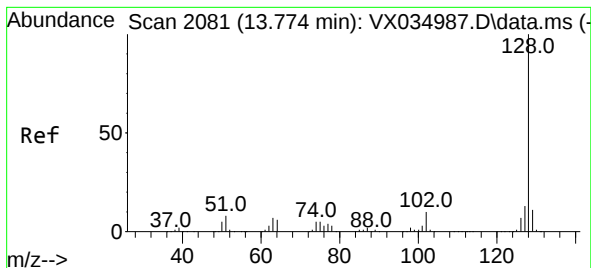
Tgt Ion:180 Resp: 460438
Ion Ratio Lower Upper
180 100
182 93.8 76.8 115.2
184 30.1 23.8 35.8
145 32.3 25.5 38.3



#70
1,2,4-trichlorobenzene
Concen: 112.534 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034988.D
Acq: 10 Apr 2023 11:12

Tgt Ion:180 Resp: 434270
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.4
145 33.3 26.7 40.1





#71

Naphthalene

Concen: 114.482 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD100629

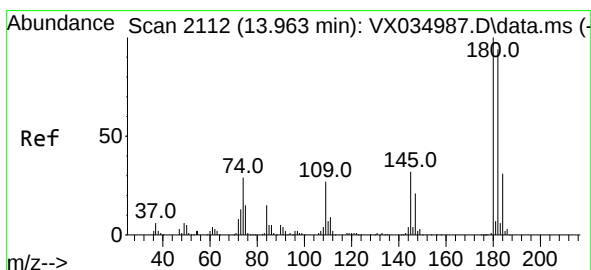
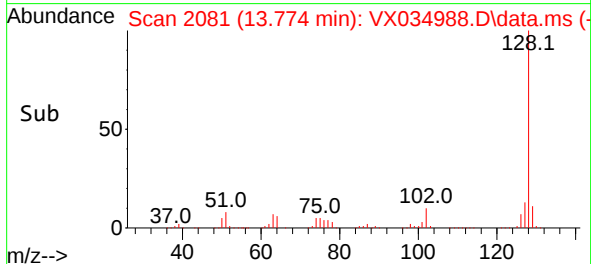
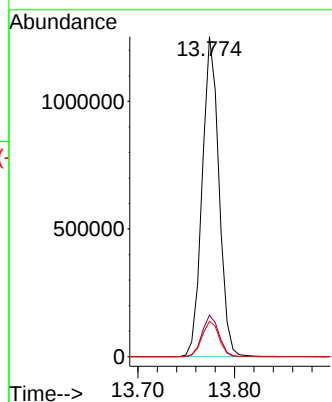
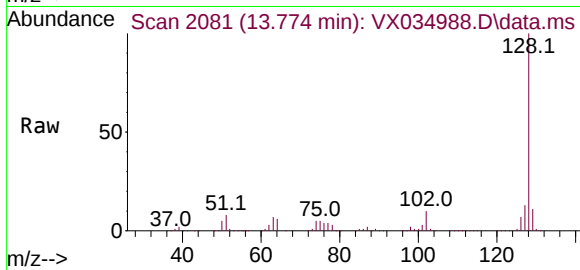
Tgt Ion:128 Resp: 1509669

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 110.107 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034988.D

Acq: 10 Apr 2023 11:12

Tgt Ion:180 Resp: 426663

Ion Ratio Lower Upper

180 100

182 94.6 76.6 114.8

145 34.4 28.0 42.0

