

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034987.D
 Acq On : 10 Apr 2023 10:49
 Operator : JC/MD
 Sample : VSTD05028
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050628

Quant Time: Apr 11 05:16:35 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	510906	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	452096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	168139	49.410	ug/L	0.00
7) Chloroethane-d5	1.673	69	122377	49.099	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	338820	49.118	ug/L	0.00
21) 2-Butanone-d5	4.465	46	227775	100.710	ug/L	0.00
24) Chloroform-d	5.056	84	320810	49.471	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	214659	48.221	ug/L	0.00
32) Benzene-d6	5.971	84	624371	49.473	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	192488	49.580	ug/L	0.00
41) Toluene-d8	8.647	98	572242	49.439	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	91039	51.063	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	160263	103.279	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	238106	49.351	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	201542	49.024	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	216355	48.760	ug/L	100
3) Chloromethane	1.295	50	200823	48.152	ug/L	100
5) Vinyl chloride	1.374	62	202763	47.968	ug/L	100
6) Bromomethane	1.618	94	113770	47.631	ug/L	100
8) Chloroethane	1.691	64	114946	48.323	ug/L	100
9) Trichlorofluoromethane	1.892	101	285146	48.486	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	174691	47.868	ug/L	100
12) 1,1-Dichloroethene	2.319	96	156323	48.113	ug/L	100
13) Acetone	2.392	43	209473	93.679	ug/L	100
14) Carbon disulfide	2.514	76	417109	47.768	ug/L	100
15) Methyl Acetate	2.703	43	184992	48.198	ug/L	100
16) Methylene chloride	2.788	84	169623	47.600	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	160138	47.943	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	565567	48.441	ug/L	100
19) 1,1-Dichloroethane	3.611	63	320838	48.236	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	183749	48.087	ug/L	100
22) 2-Butanone	4.562	43	279509	97.845	ug/L	100
23) Bromochloromethane	4.898	128	90564	47.913	ug/L	100
25) Chloroform	5.093	83	329541	48.309	ug/L	100
27) 1,2-Dichloroethane	6.086	62	277841	48.093	ug/L	100
29) Cyclohexane	5.471	56	301317	48.469	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	288542	48.265	ug/L	100
31) Carbon tetrachloride	5.678	117	249664	48.449	ug/L	100
33) Benzene	6.038	78	694630	48.179	ug/L	100
34) Trichloroethene	7.123	95	184357	47.427	ug/L	100
35) Methylcyclohexane	7.379	83	274934	49.060	ug/L	100
37) 1,2-Dichloropropane	7.428	63	185221	48.482	ug/L	100
38) Bromodichloromethane	7.818	83	232800	48.162	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	288317	49.380	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	505145	99.507	ug/L	100
42) Toluene	8.720	91	726847	48.676	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	270849	50.388	ug/L	100

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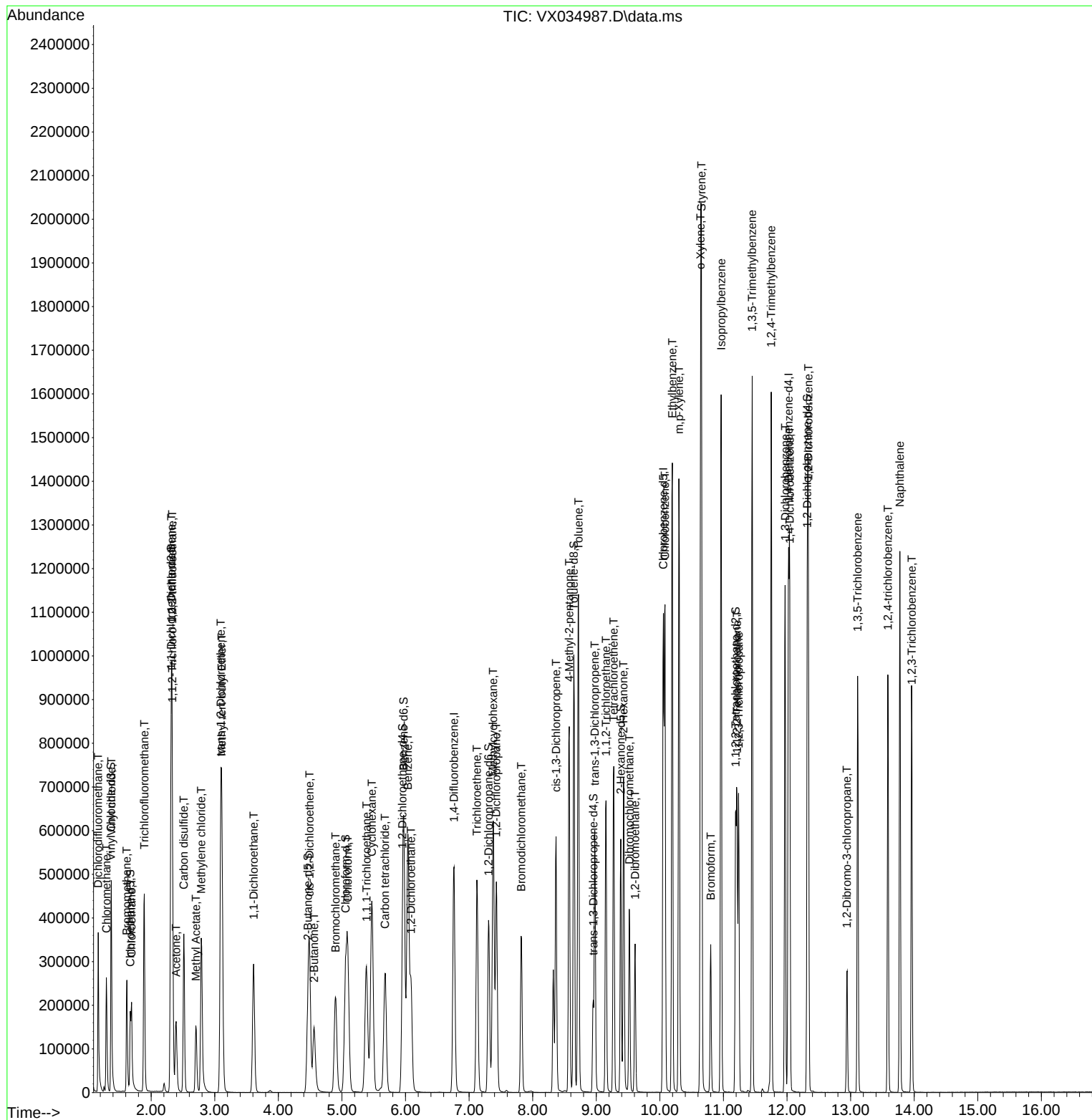
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	171769	48.215	ug/L	100
46) Tetrachloroethene	9.275	164	139426	48.146	ug/L	100
48) 2-Hexanone	9.427	43	398893	100.246	ug/L	100
49) Dibromochloromethane	9.519	129	173638	49.552	ug/L	100
50) 1,2-Dibromoethane	9.610	107	183782	49.158	ug/L	100
51) Chlorobenzene	10.080	112	462118	48.014	ug/L	100
52) Ethylbenzene	10.195	91	834306	49.233	ug/L	100
53) m,p-Xylene	10.299	106	312405	48.929	ug/L	100
54) o-Xylene	10.640	106	307158	48.825	ug/L	100
55) Styrene	10.653	104	519680	49.271	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	258486	48.864	ug/L	100
59) Bromoform	10.799	173	116087	48.600	ug/L	100
60) Isopropylbenzene	10.964	105	810128	49.515	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	208459	48.526	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	673341	49.636	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	670667	50.070	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	349713	47.982	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	352099	47.780	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	345791	48.159	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	55067	50.084	ug/L	100
69) 1,3,5-Trichlorobenzene	13.110	180	216574	47.504	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	201011	47.400	ug/L	100
71) Naphthalene	13.774	128	721267	49.772	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	201703	47.367	ug/L	100

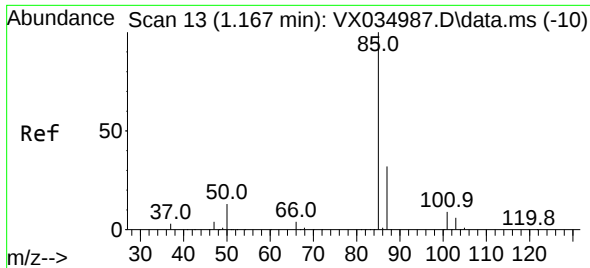
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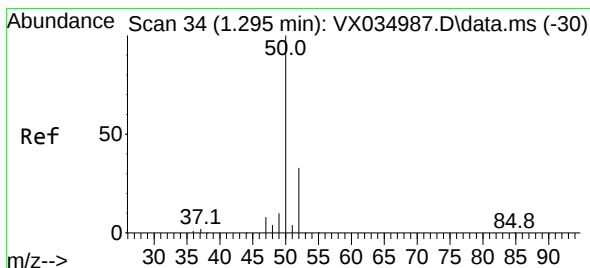
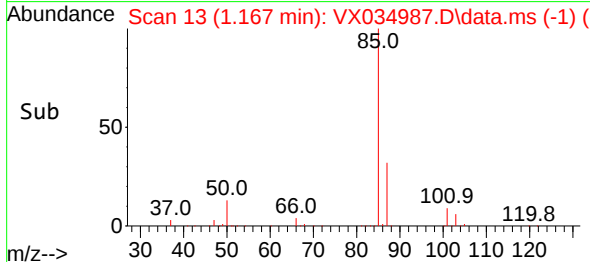
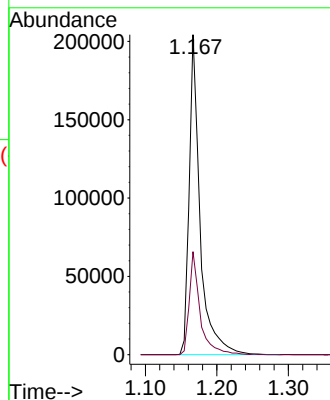
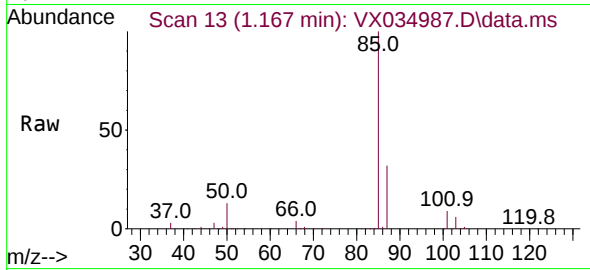




#2
 Dichlorodifluoromethane
 Concen: 48.760 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034987.D
 Acq: 10 Apr 2023 10:49

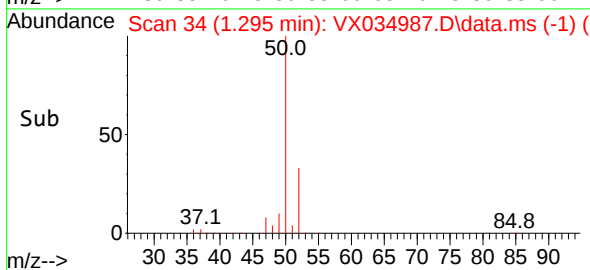
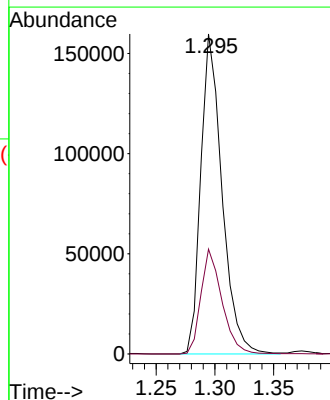
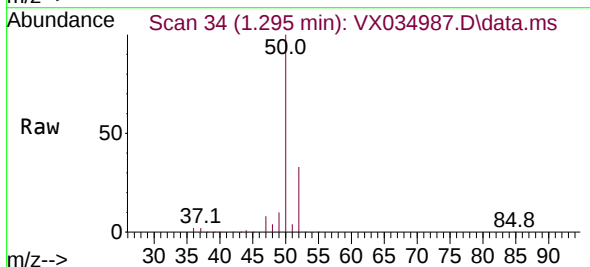
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 ClientSampleId :
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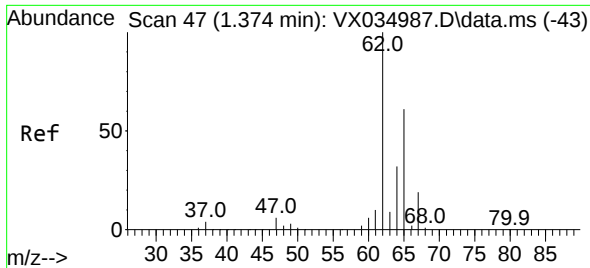
Tgt Ion: 85 Resp: 216355
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 48.152 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX034987.D
 Acq: 10 Apr 2023 10:49

Tgt Ion: 50 Resp: 200823
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.9 42.5

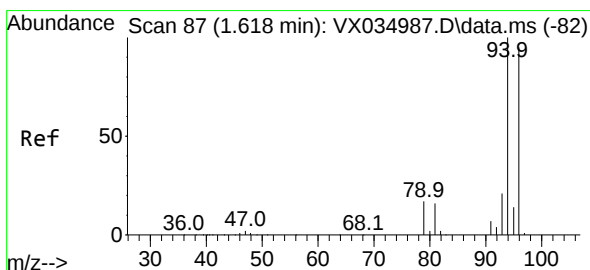
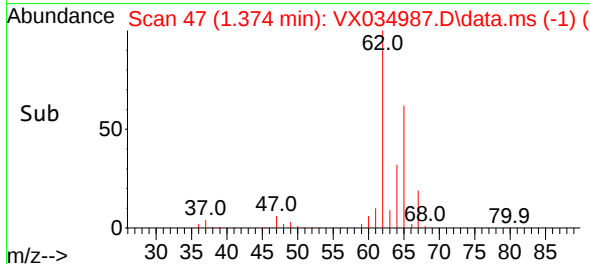
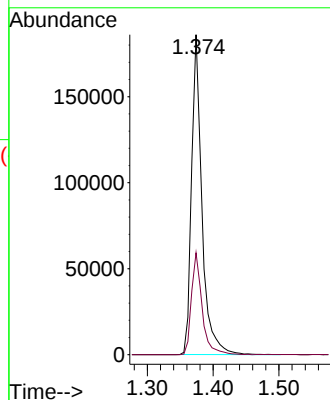
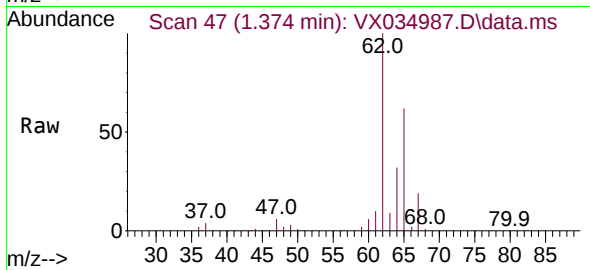




#5
 Vinyl chloride
 Concen: 47.968 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034987.D
 Acq: 10 Apr 2023 10:49

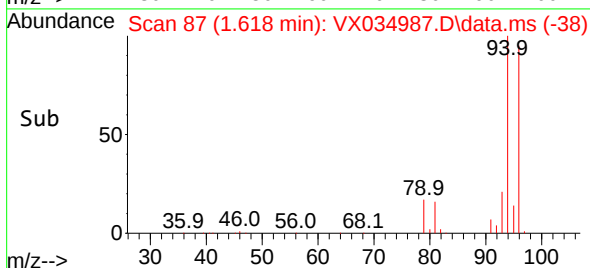
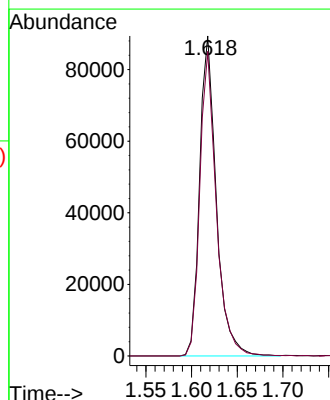
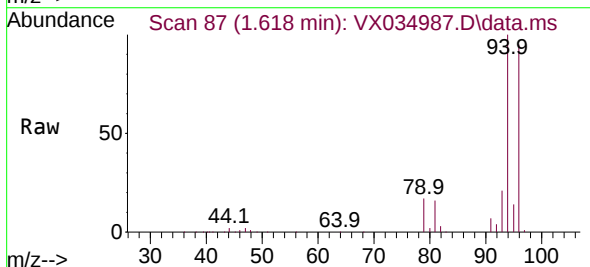
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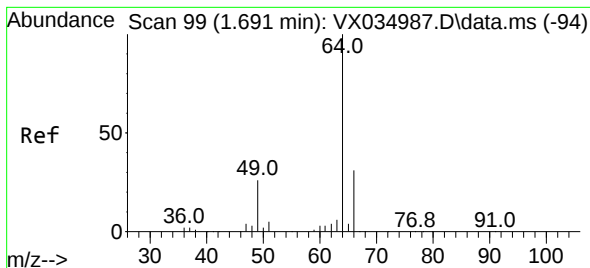
Tgt Ion: 62 Resp: 202763
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.3 41.3



#6
 Bromomethane
 Concen: 47.631 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX034987.D
 Acq: 10 Apr 2023 10:49

Tgt Ion: 94 Resp: 113770
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.6 123.6

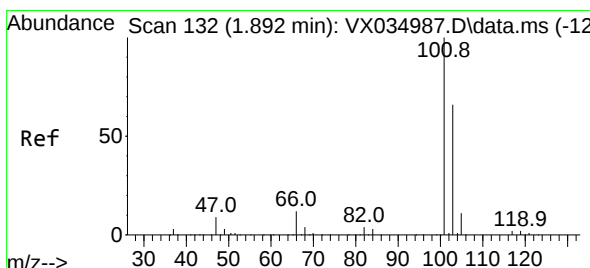
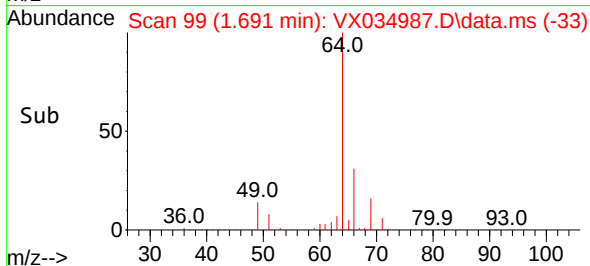
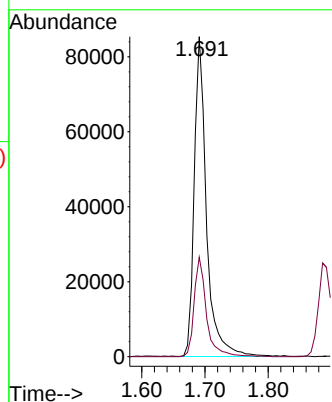
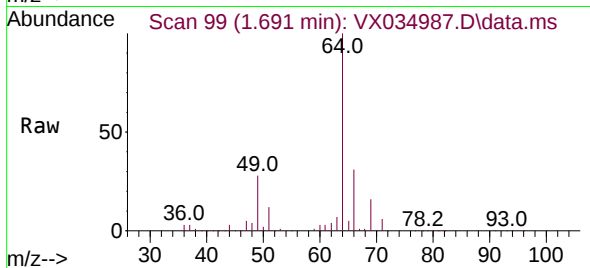




#8
Chloroethane
Concen: 48.323 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

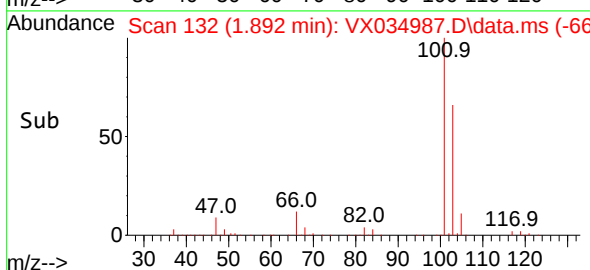
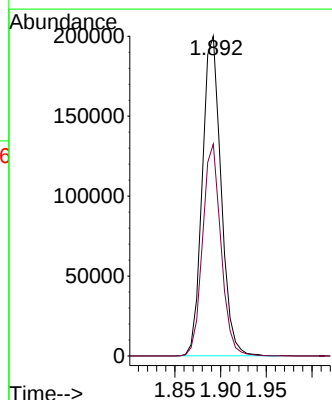
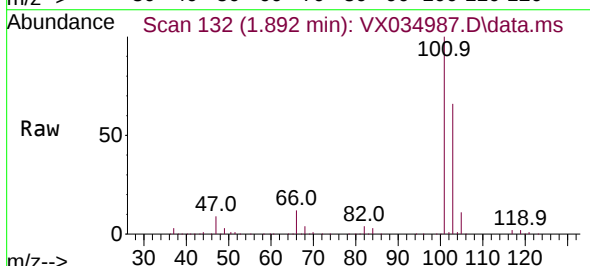
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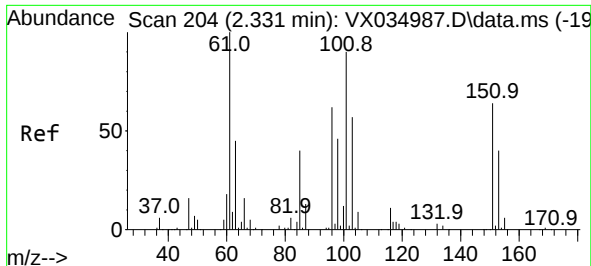
Tgt Ion: 64 Resp: 114946
Ion Ratio Lower Upper
64 100
66 31.1 21.8 40.4



#9
Trichlorofluoromethane
Concen: 48.486 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion:101 Resp: 285146
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

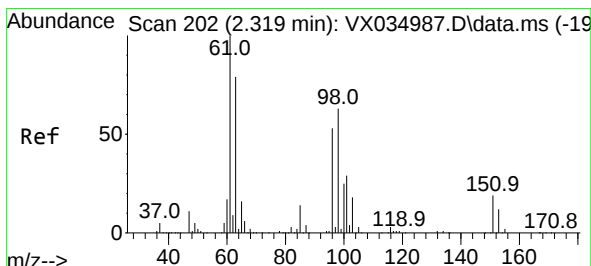
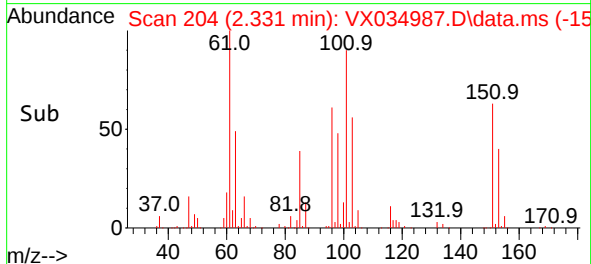
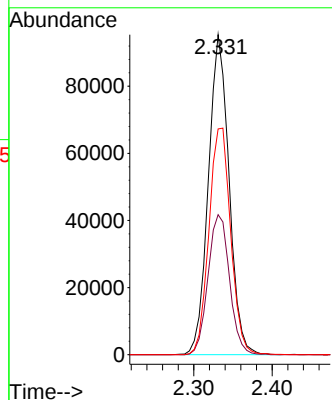
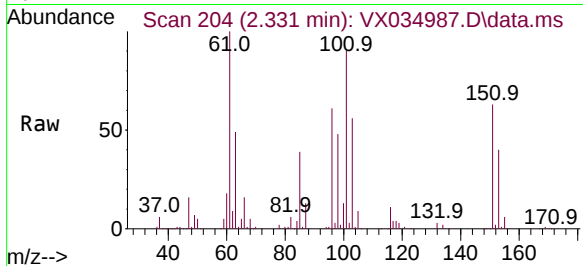




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.868 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX034987.D
 Acq: 10 Apr 2023 10:49

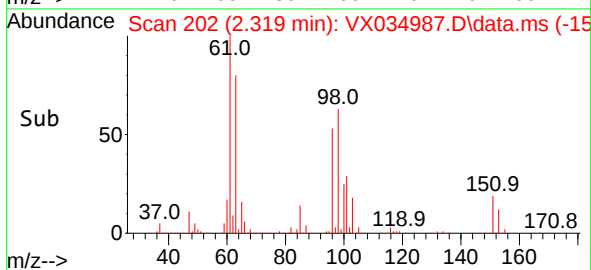
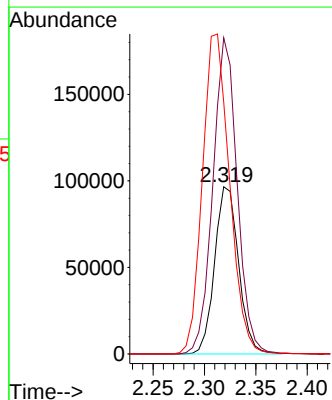
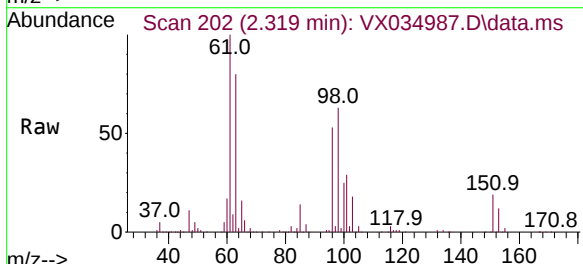
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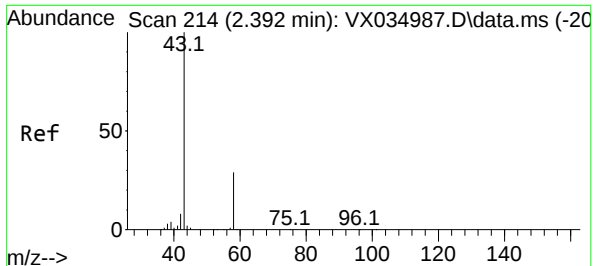
Tgt Ion: 101 Resp: 174691
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.4 54.6
 151 74.6 59.7 89.5



#12
 1,1-Dichloroethene
 Concen: 48.113 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX034987.D
 Acq: 10 Apr 2023 10:49

Tgt Ion: 96 Resp: 156323
 Ion Ratio Lower Upper
 96 100
 61 189.1 132.4 245.8
 63 150.7 105.5 195.9





#13

Acetone

Concen: 93.679 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX034987.D

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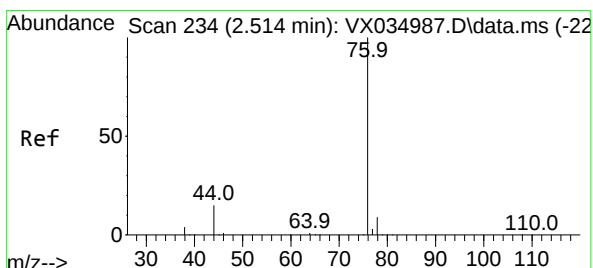
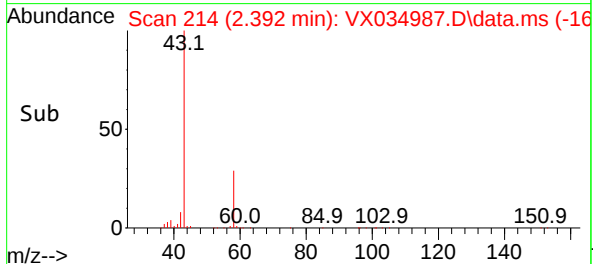
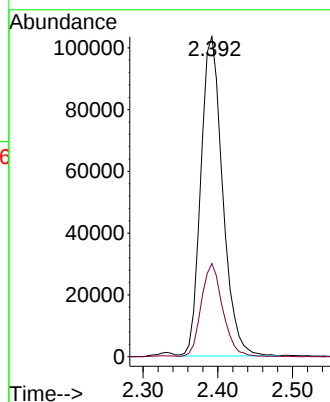
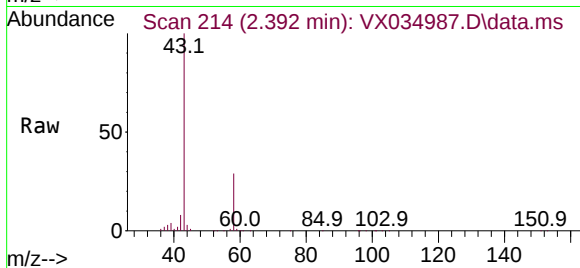
VSTD050628

Tgt Ion: 43 Resp: 209473

Ion Ratio Lower Upper

43 100

58 28.7 0.0 57.4



#14

Carbon disulfide

Concen: 47.768 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034987.D

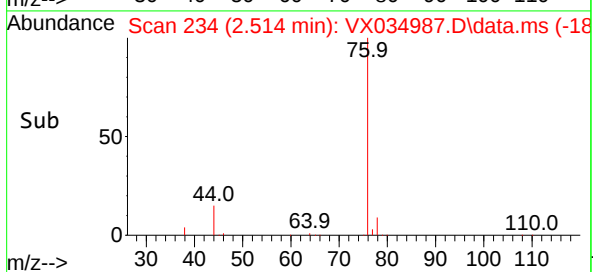
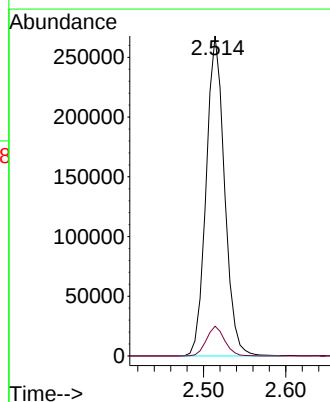
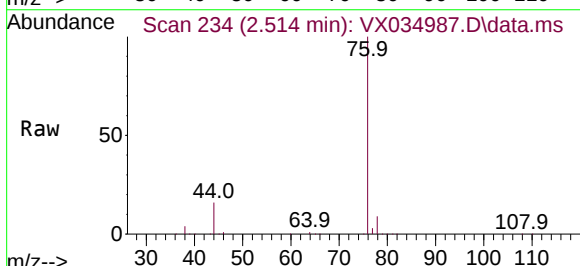
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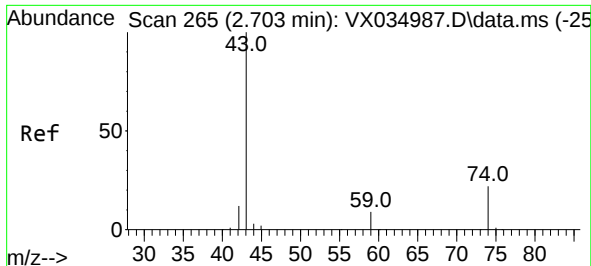
Tgt Ion: 76 Resp: 417109

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

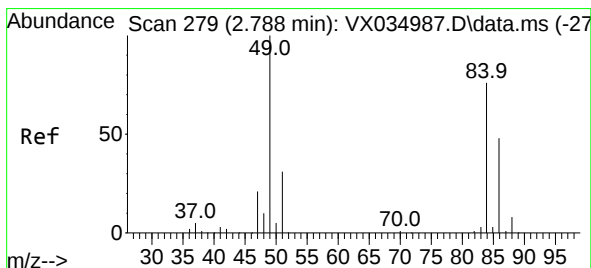
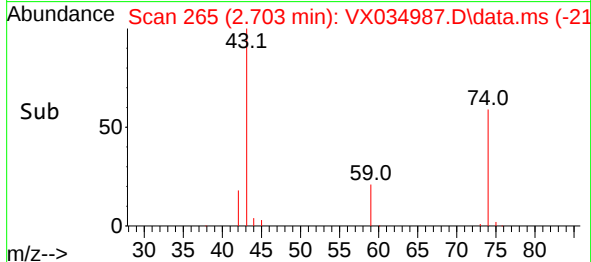
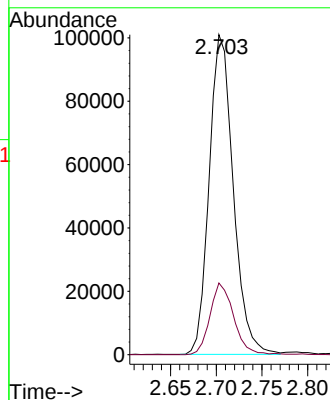
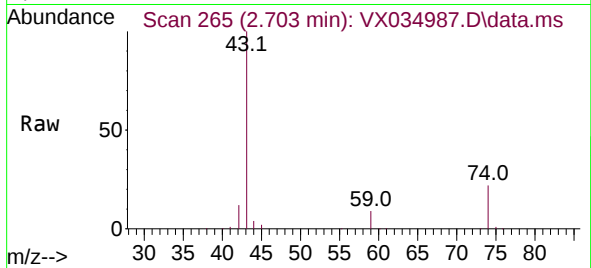




#15
Methyl Acetate
Concen: 48.198 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

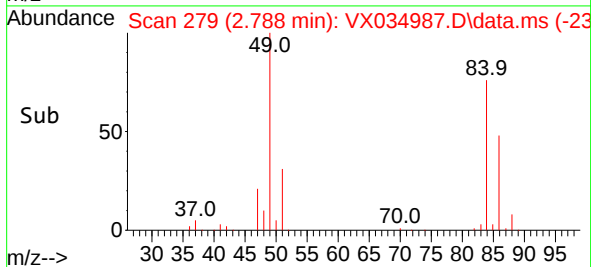
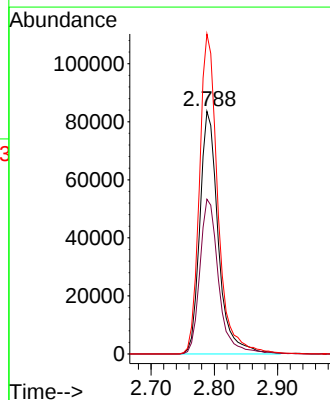
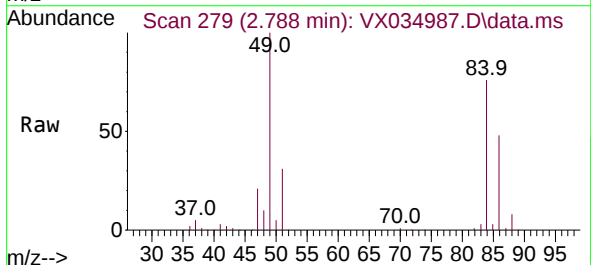
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

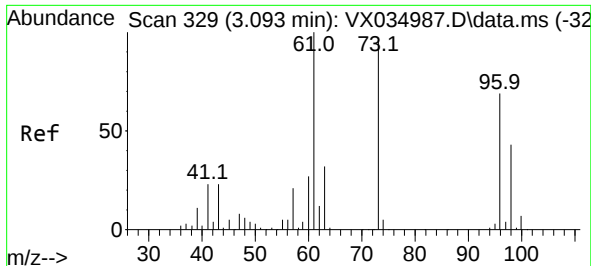
Tgt Ion: 43 Resp: 184992
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3



#16
Methylene chloride
Concen: 47.600 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 84 Resp: 169623
Ion Ratio Lower Upper
84 100
86 63.8 44.7 82.9
49 131.9 92.3 171.5

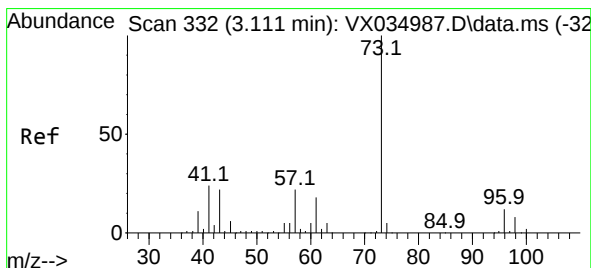
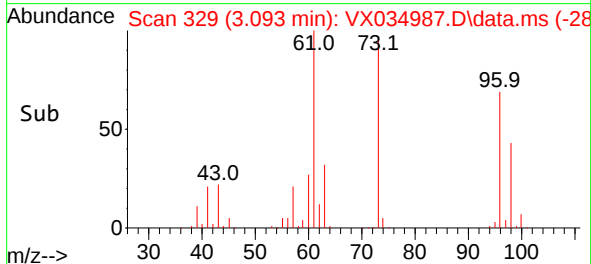
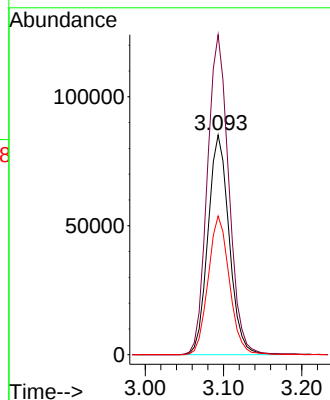
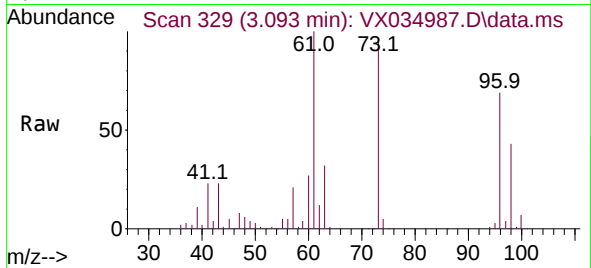




#17
trans-1,2-Dichloroethene
Concen: 47.943 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

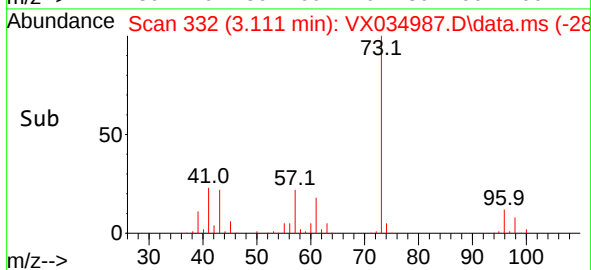
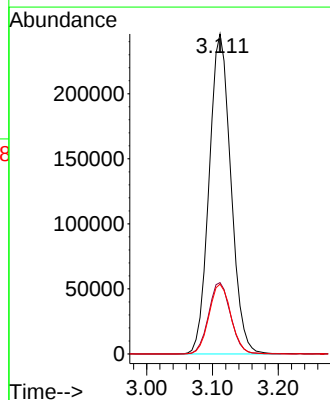
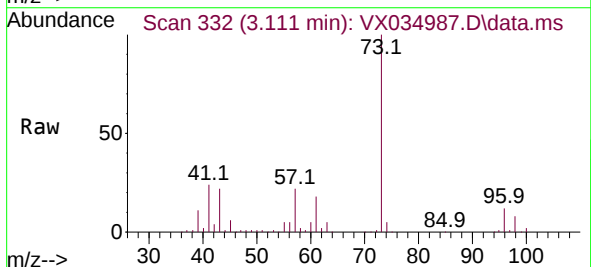
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

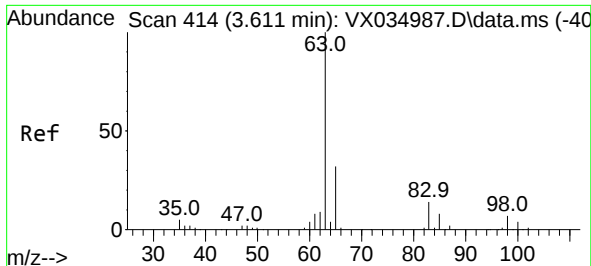
Tgt Ion: 96 Resp: 160138
Ion Ratio Lower Upper
96 100
61 145.7 102.0 189.4
98 63.1 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 48.441 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 73 Resp: 565567
Ion Ratio Lower Upper
73 100
43 22.7 18.2 27.2
57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 48.236 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050628

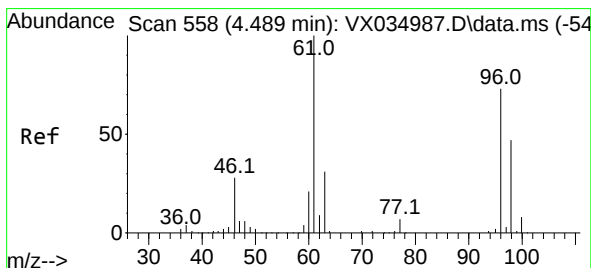
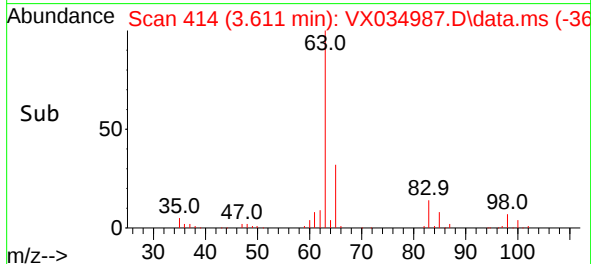
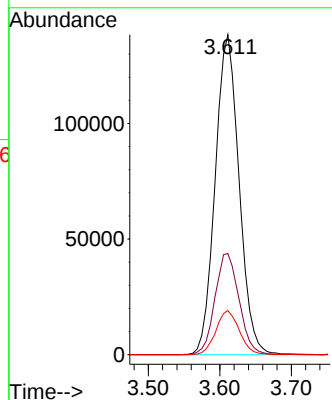
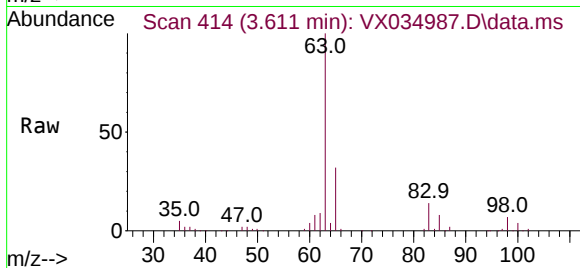
Tgt Ion: 63 Resp: 320838

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 48.087 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

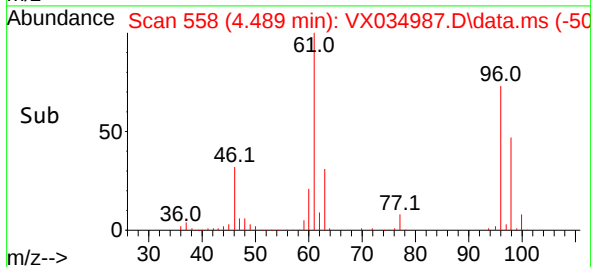
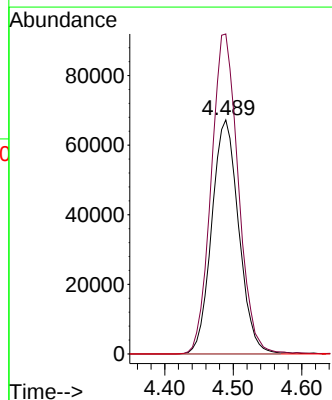
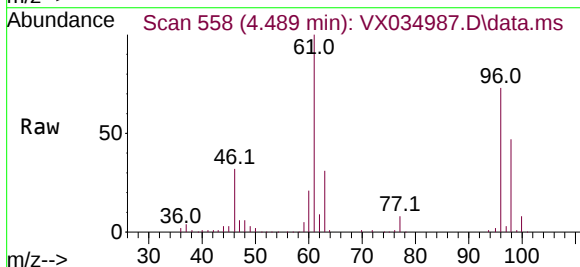
Tgt Ion: 96 Resp: 183749

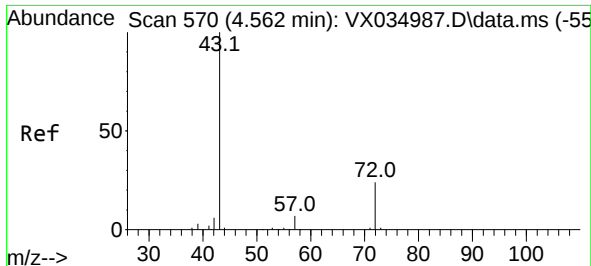
Ion Ratio Lower Upper

96 100

61 136.7 95.7 177.7

68 0.0 0.0 0.0

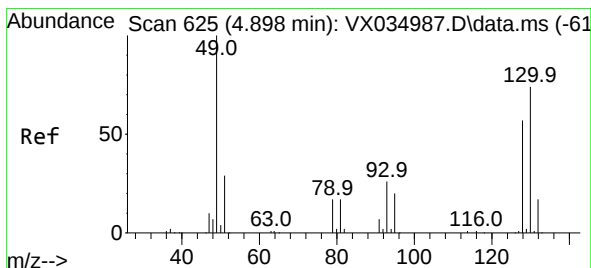
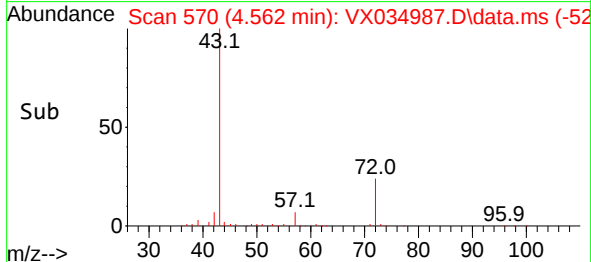
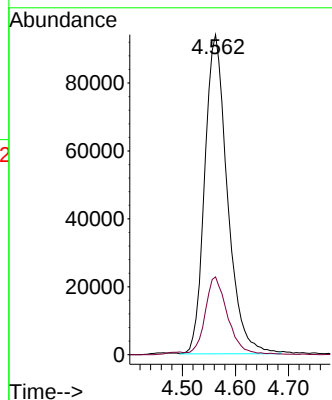
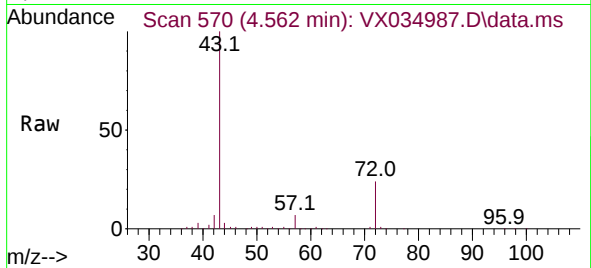




#22
2-Butanone
Concen: 97.845 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

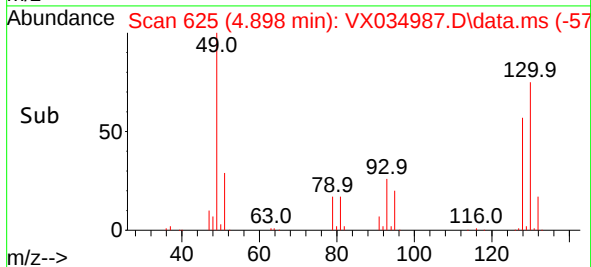
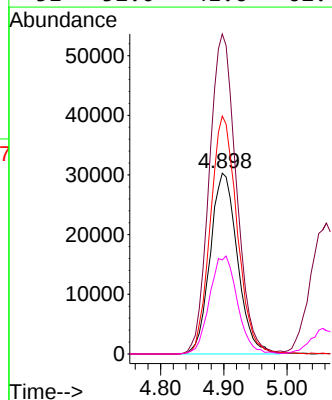
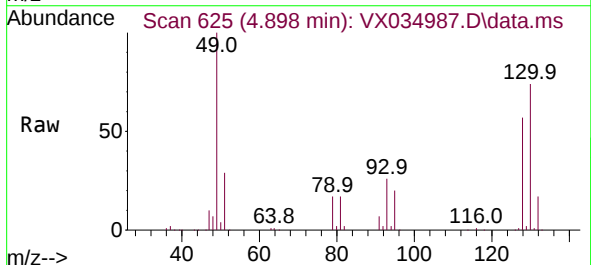
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

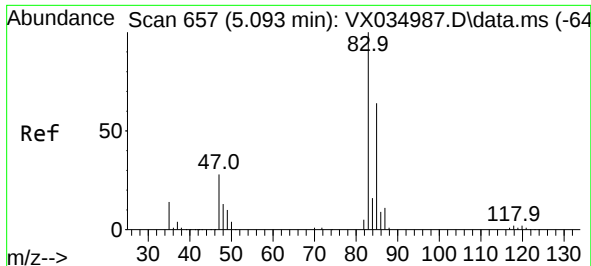
Tgt Ion: 43 Resp: 279509
Ion Ratio Lower Upper
43 100
72 23.0 11.5 34.5



#23
Bromochloromethane
Concen: 47.913 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 128 Resp: 90564
Ion Ratio Lower Upper
128 100
49 177.0 123.9 230.1
130 131.6 92.1 171.1
51 52.0 41.6 62.4

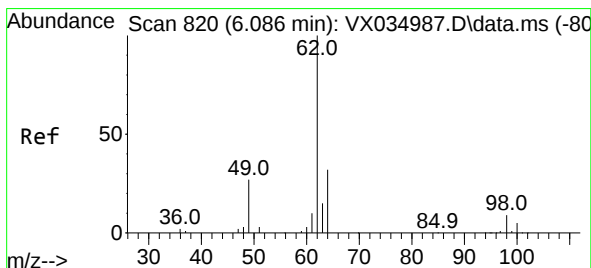
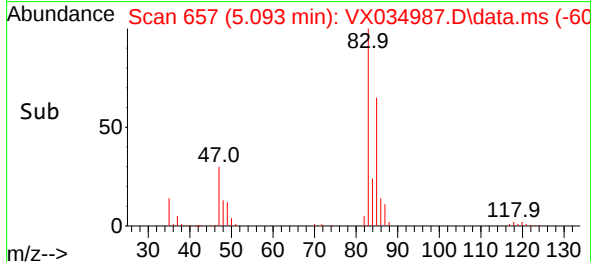
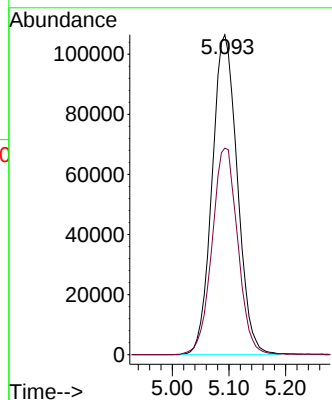
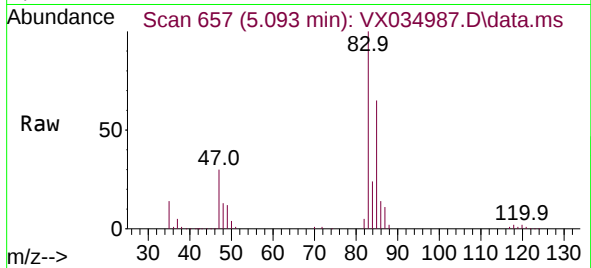




#25
Chloroform
Concen: 48.309 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

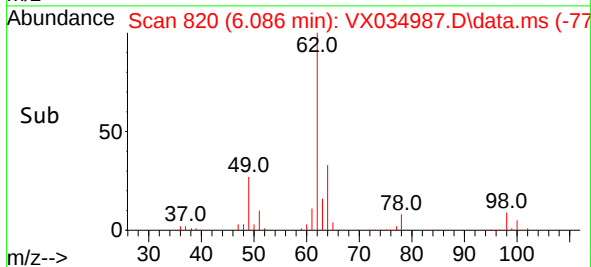
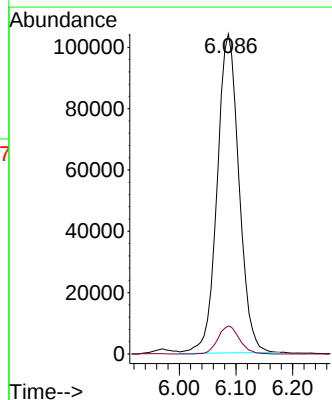
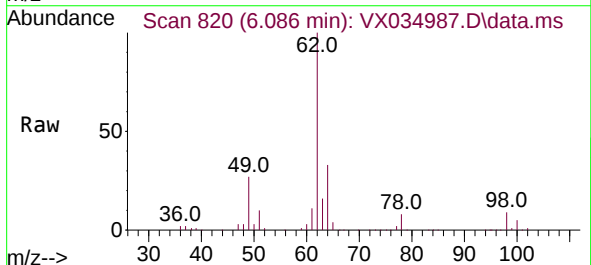
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

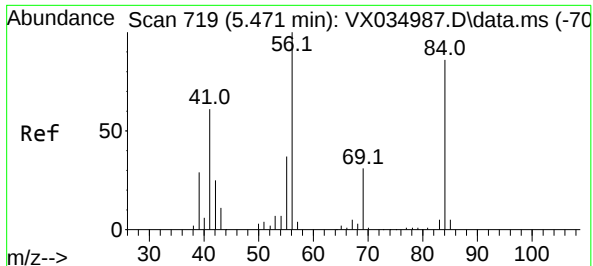
Tgt Ion: 83 Resp: 329541
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 48.093 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 62 Resp: 277841
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 48.469 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050628

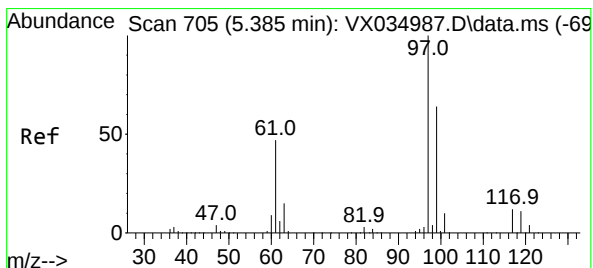
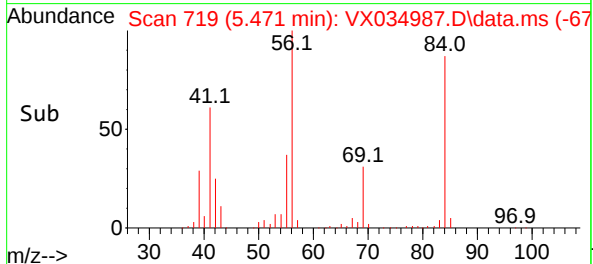
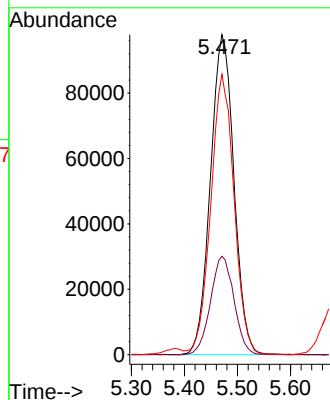
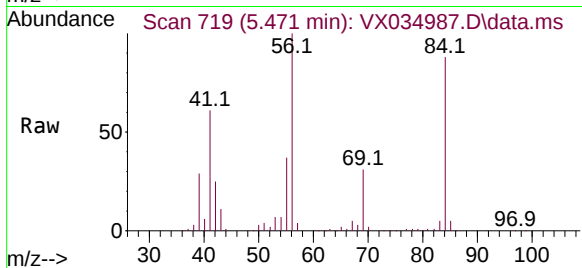
Tgt Ion: 56 Resp: 301317

Ion Ratio Lower Upper

56 100

69 30.6 24.5 36.7

84 86.8 69.4 104.2



#30

1,1,1-Trichloroethane

Concen: 48.265 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

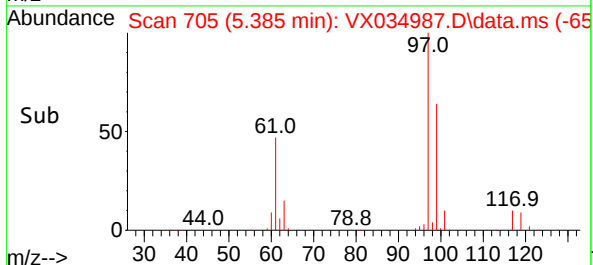
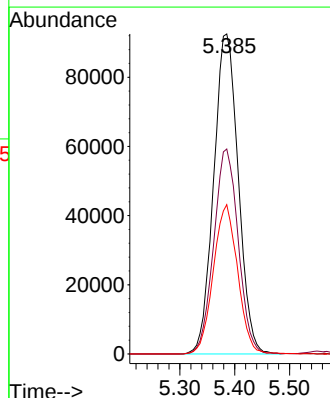
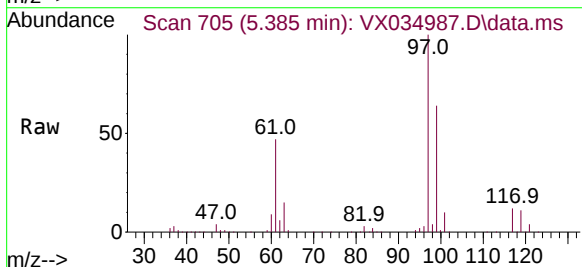
Tgt Ion: 97 Resp: 288542

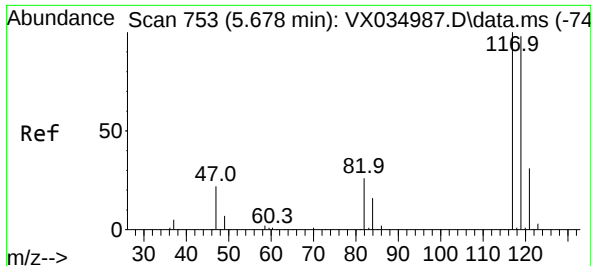
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 46.0 36.8 55.2

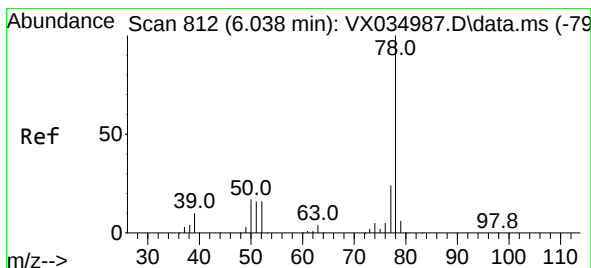
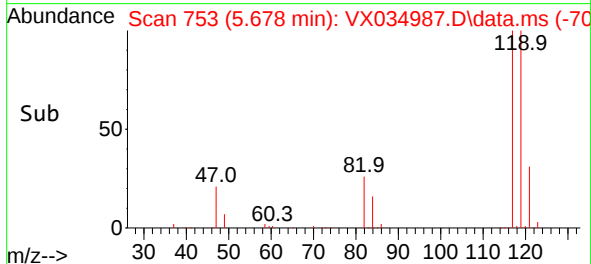
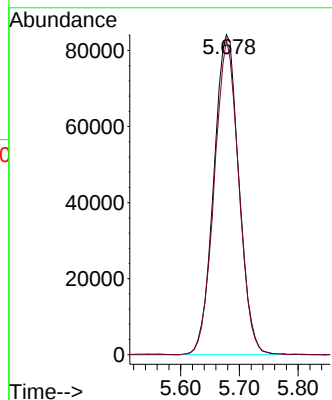
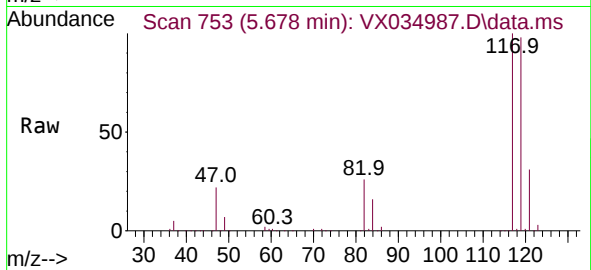




#31
Carbon tetrachloride
Concen: 48.449 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

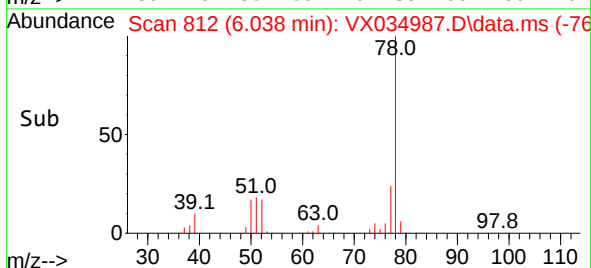
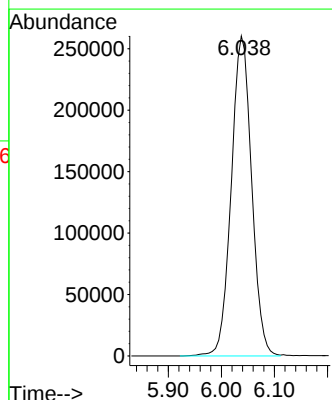
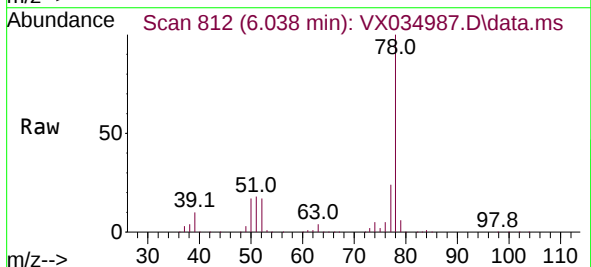
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

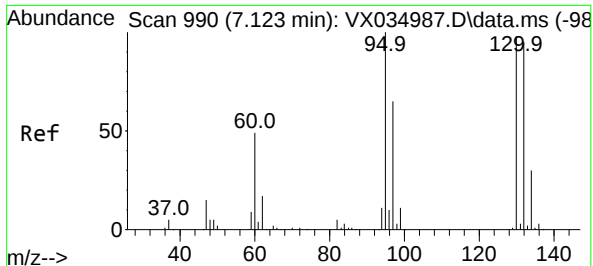
Tgt Ion:117 Resp: 249664
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 48.179 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 78 Resp: 694630

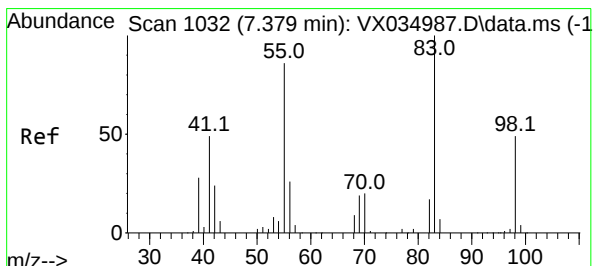
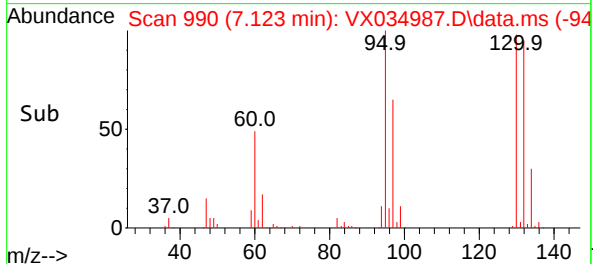
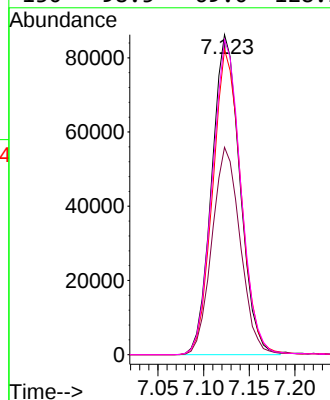
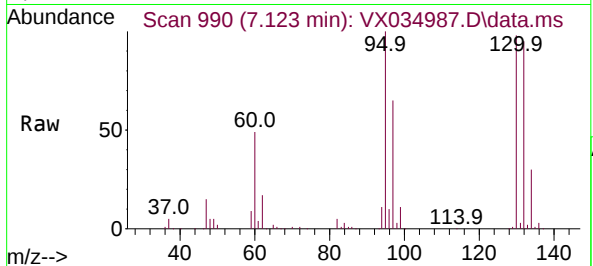




#34
Trichloroethene
Concen: 47.427 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

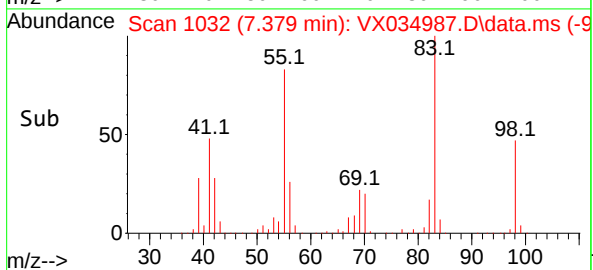
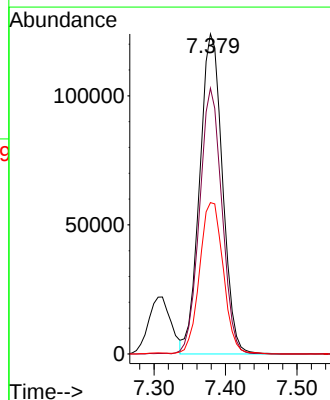
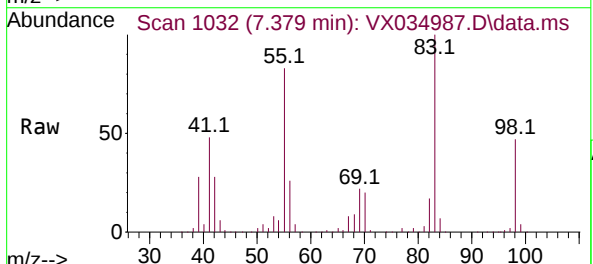
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

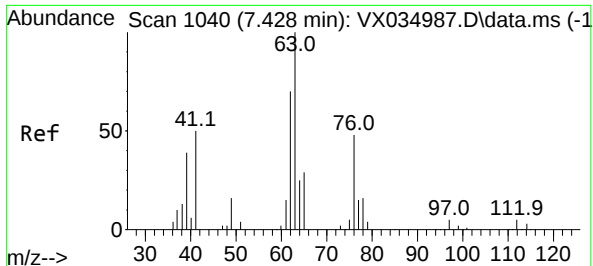
Tgt Ion: 95 Resp: 184357
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.2
132 95.4 66.8 124.0
130 98.5 69.0 128.1



#35
Methylcyclohexane
Concen: 49.060 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 83 Resp: 274934
Ion Ratio Lower Upper
83 100
55 81.3 65.0 97.6
98 48.4 38.7 58.1





#37

1,2-Dichloropropane

Concen: 48.482 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

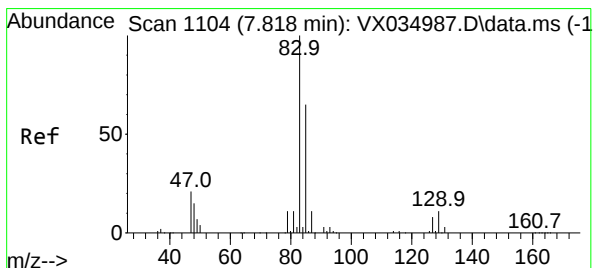
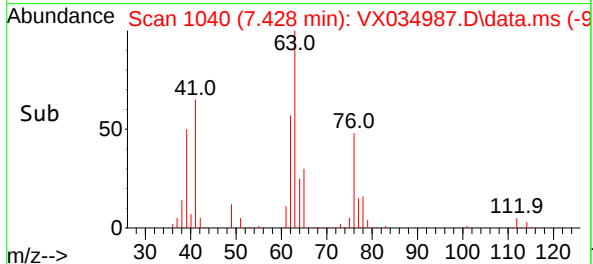
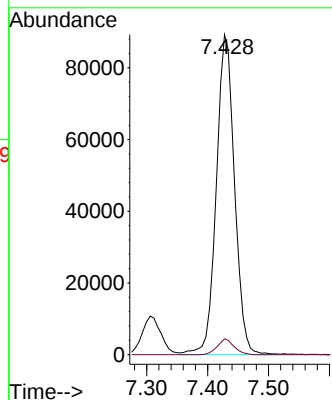
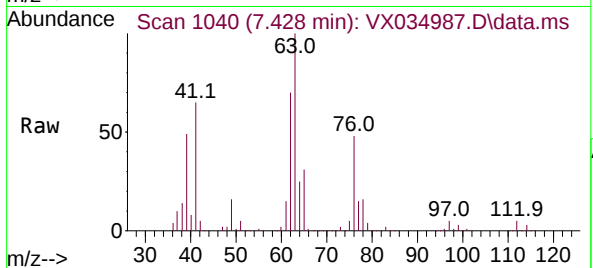
VSTD050628

Tgt Ion: 63 Resp: 185221

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 48.162 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

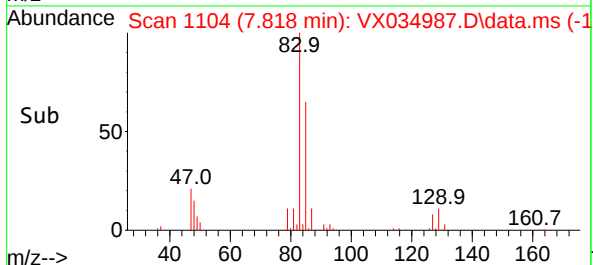
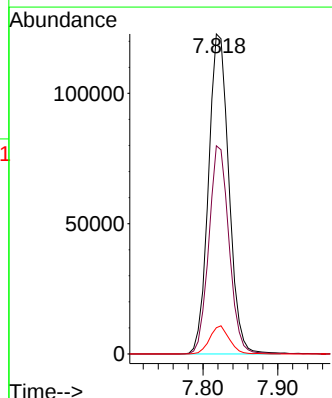
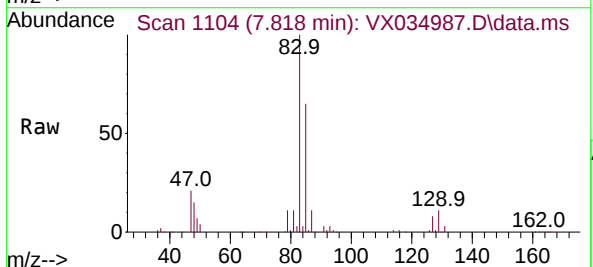
Tgt Ion: 83 Resp: 232800

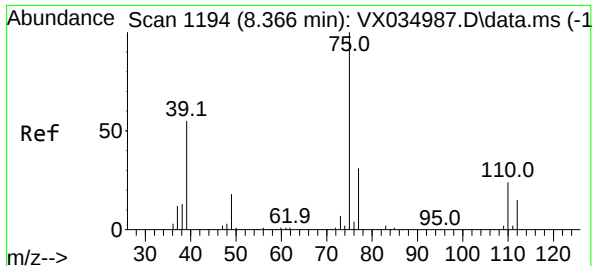
Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 49.380 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

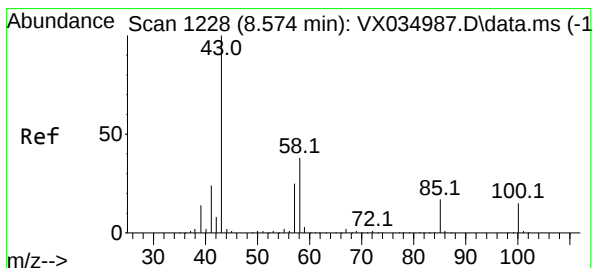
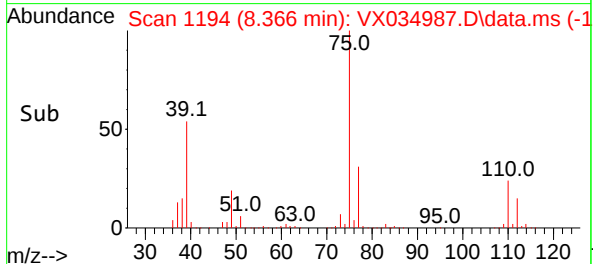
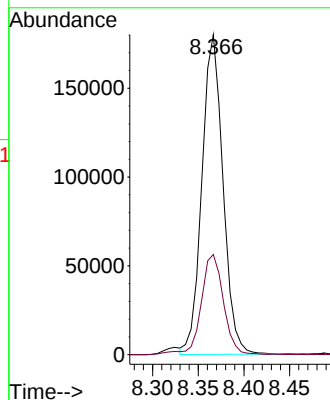
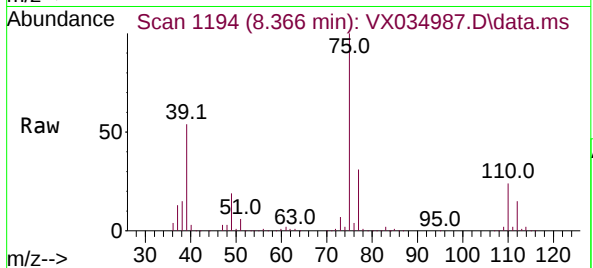
VSTD050628

Tgt Ion: 75 Resp: 288317

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 99.507 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

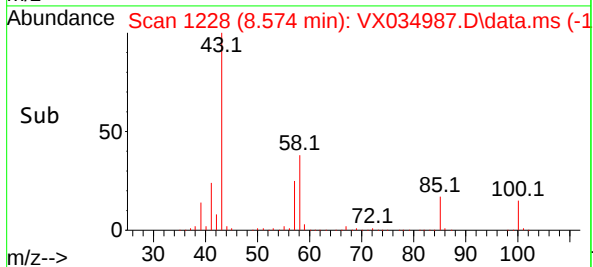
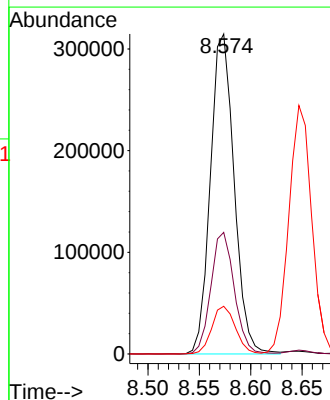
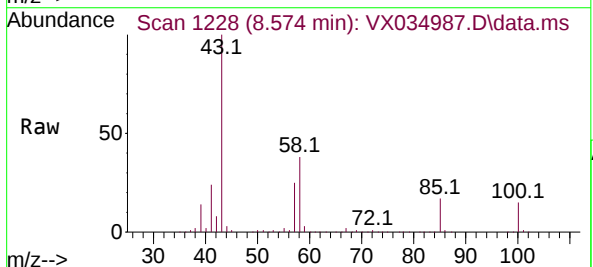
Tgt Ion: 43 Resp: 505145

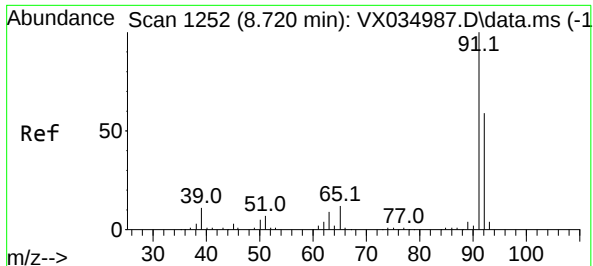
Ion Ratio Lower Upper

43 100

58 37.6 30.1 45.1

100 14.9 11.9 17.9





#42

Toluene

Concen: 48.676 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

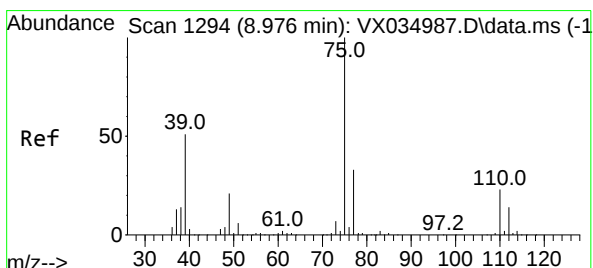
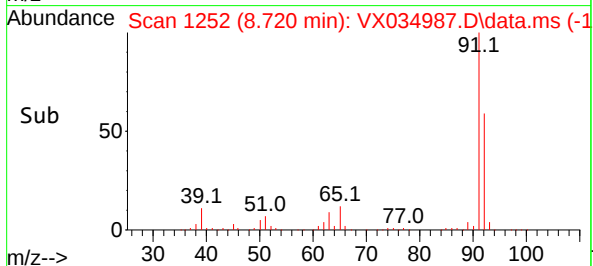
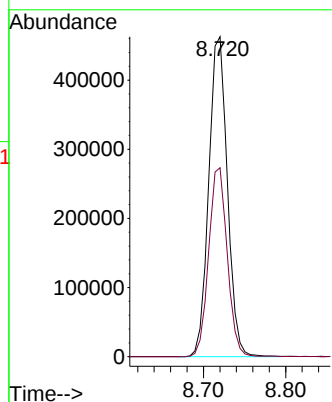
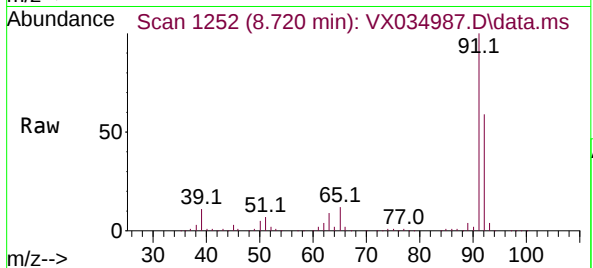
VSTD050628

Tgt Ion: 91 Resp: 726847

Ion Ratio Lower Upper

91 100

92 59.1 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 50.388 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX034987.D

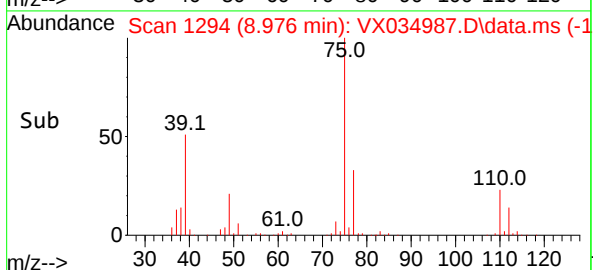
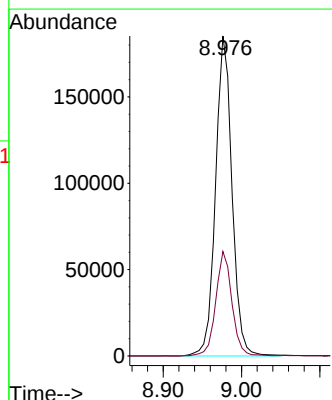
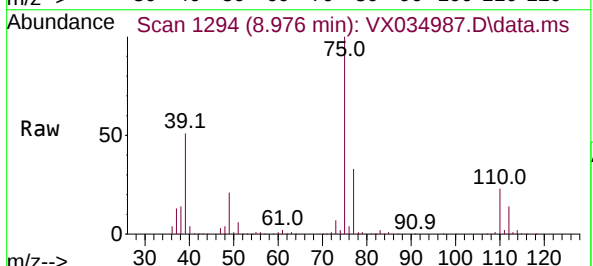
Acq: 10 Apr 2023 10:49

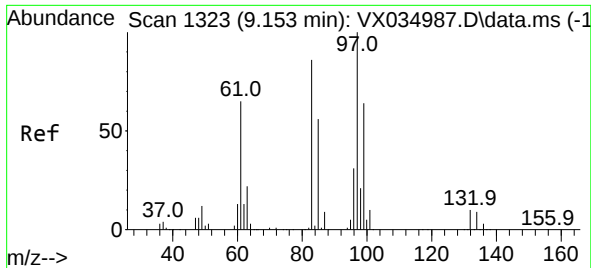
Tgt Ion: 75 Resp: 270849

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



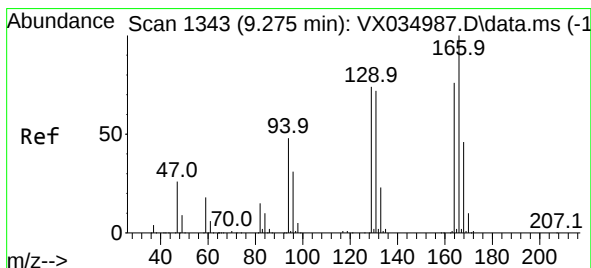
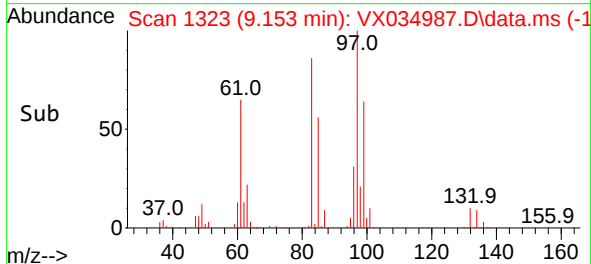
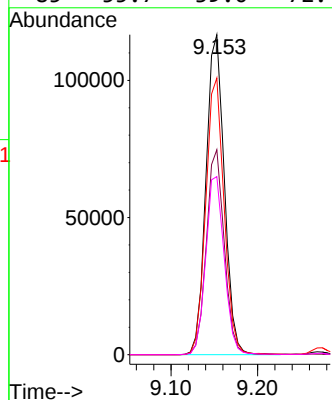
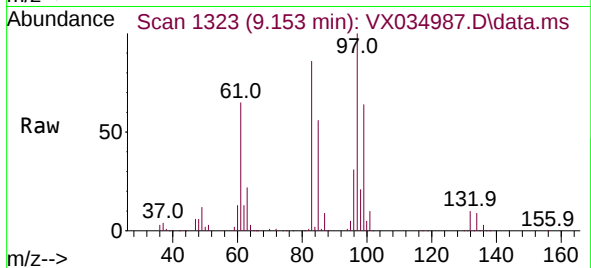


#45
1,1,2-Trichloroethane
Concen: 48.215 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

Tgt Ion: 97 Resp: 171769

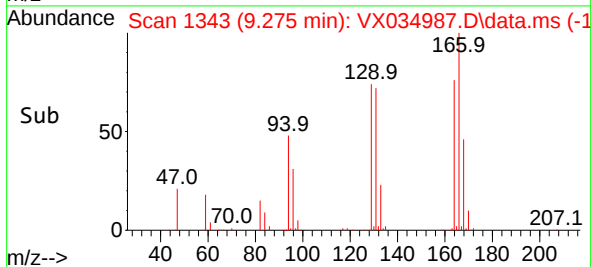
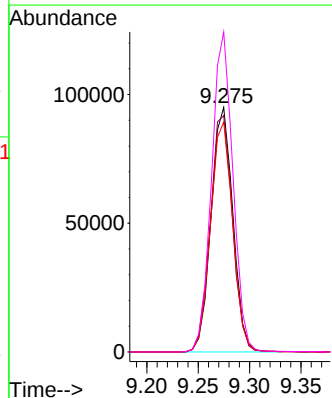
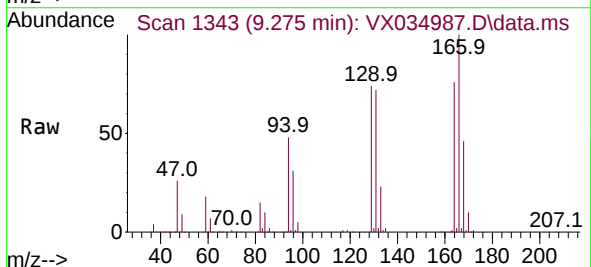
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.8	83.2
83	86.4	60.5	112.3
85	55.7	39.0	72.4

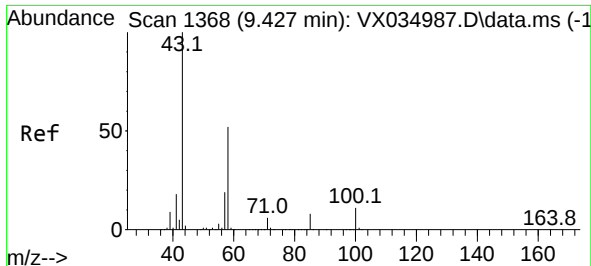


#46
Tetrachloroethene
Concen: 48.146 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 164 Resp: 139426

Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.7	125.7
131	94.0	65.8	122.2
166	130.9	91.6	170.2



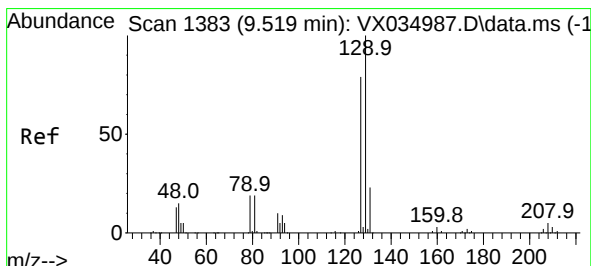
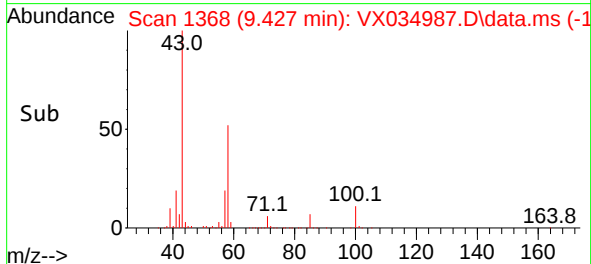
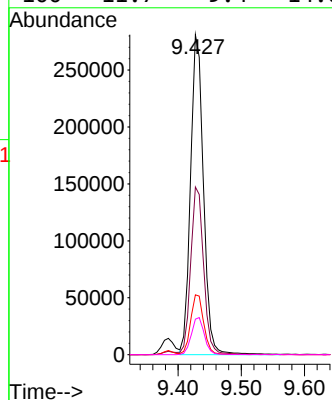
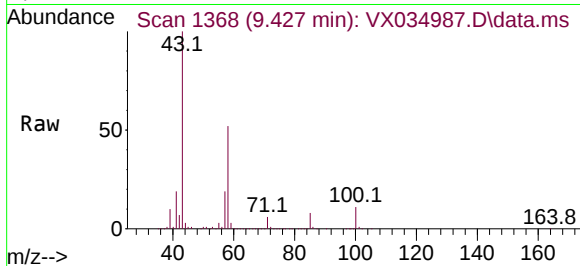


#48
2-Hexanone
Concen: 100.246 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

Tgt Ion: 43 Resp: 398893

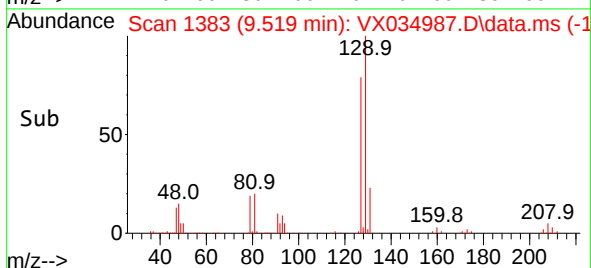
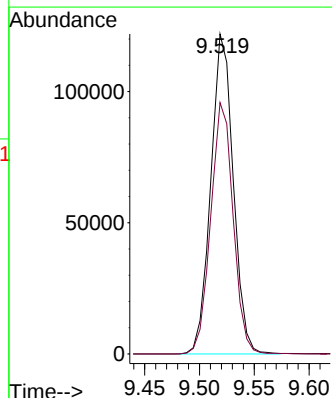
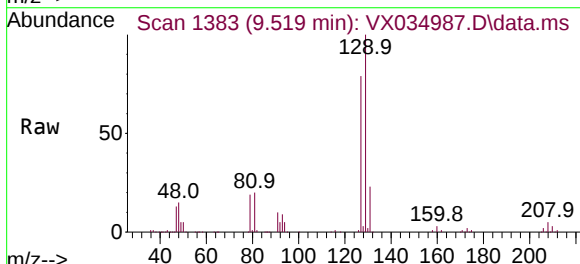
Ion	Ratio	Lower	Upper
43	100		
58	52.6	42.1	63.1
57	18.8	15.0	22.6
100	11.7	9.4	14.0

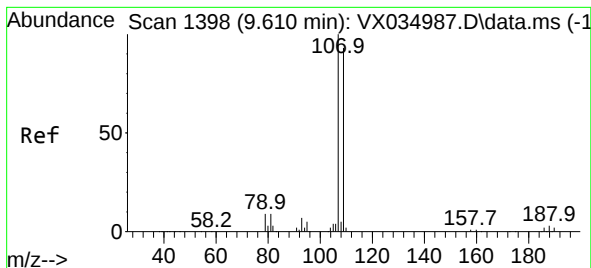


#49
Dibromochloromethane
Concen: 49.552 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 129 Resp: 173638

Ion	Ratio	Lower	Upper
129	100		
127	78.6	55.0	102.2





#50

1,2-Dibromoethane

Concen: 49.158 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050628

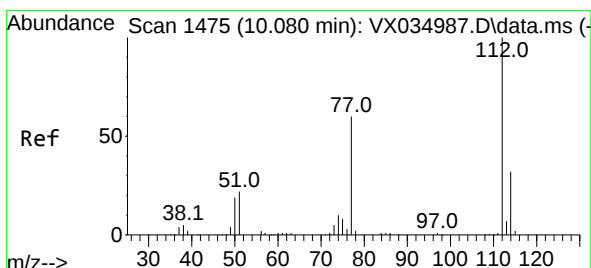
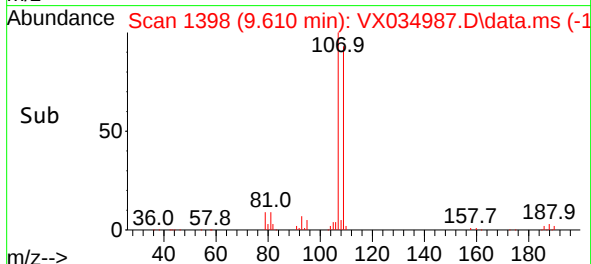
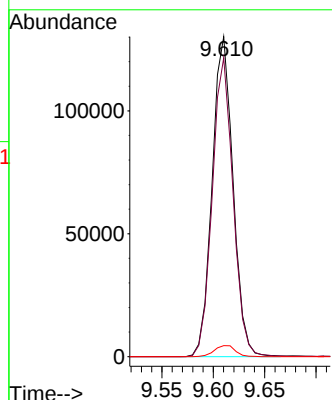
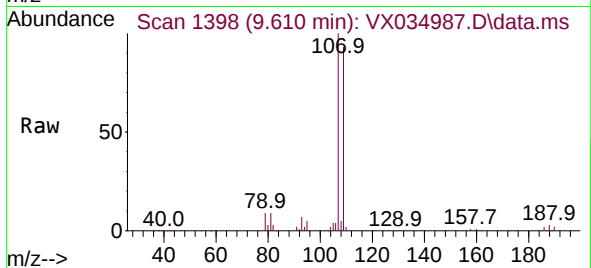
Tgt Ion:107 Resp: 183782

Ion Ratio Lower Upper

107 100

109 93.4 65.4 121.4

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 48.014 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

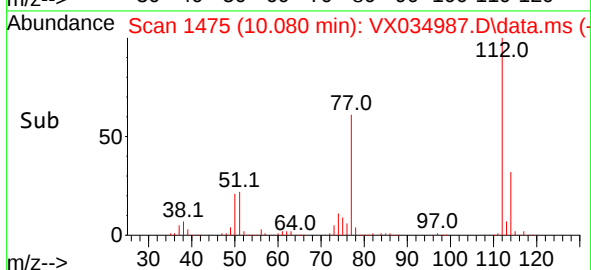
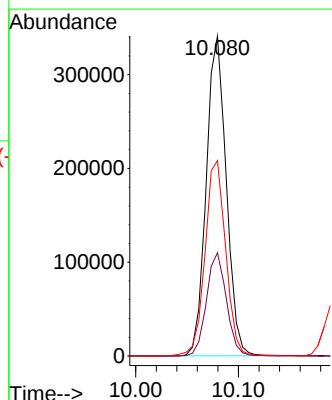
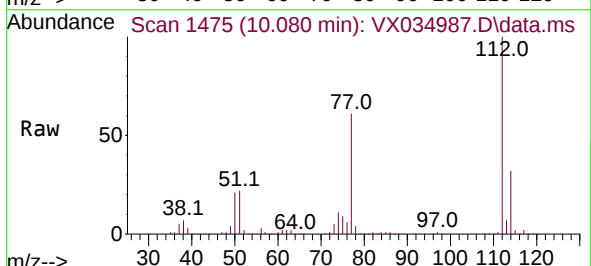
Tgt Ion:112 Resp: 462118

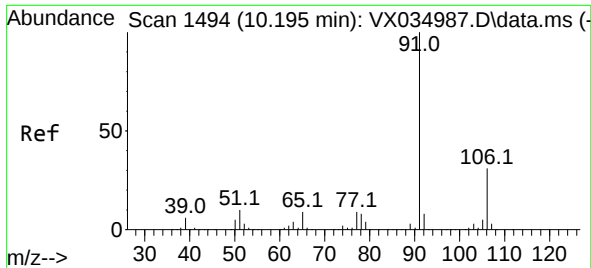
Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 61.0 48.8 73.2

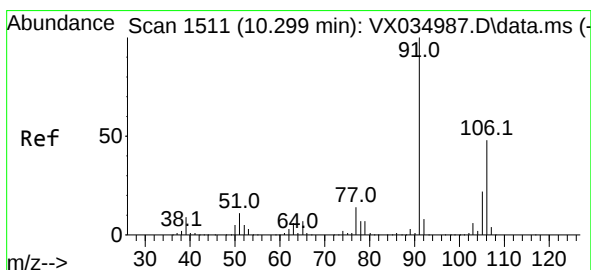
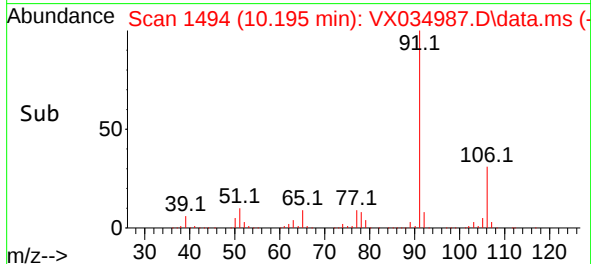
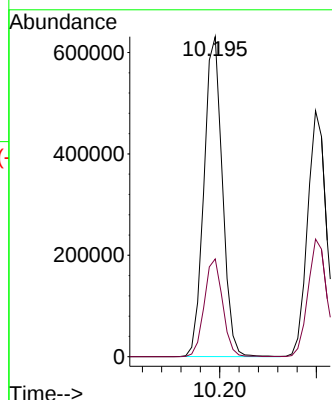
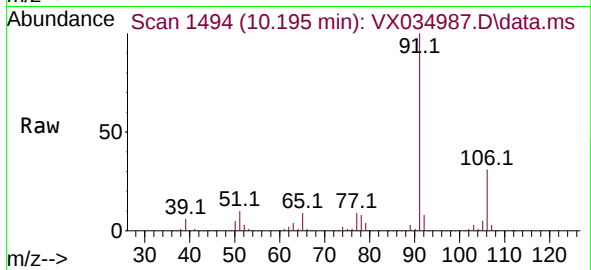




#52
Ethylbenzene
Concen: 49.233 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

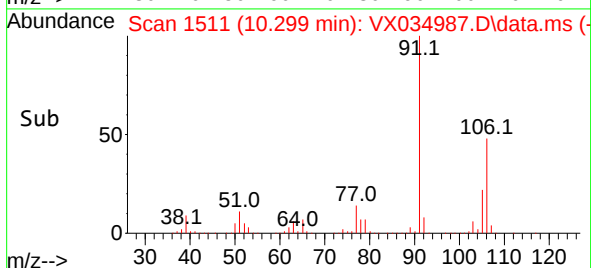
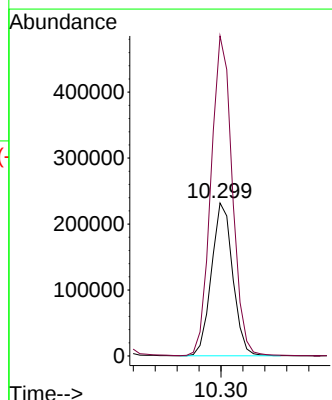
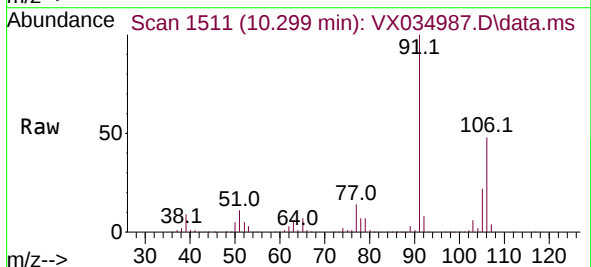
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

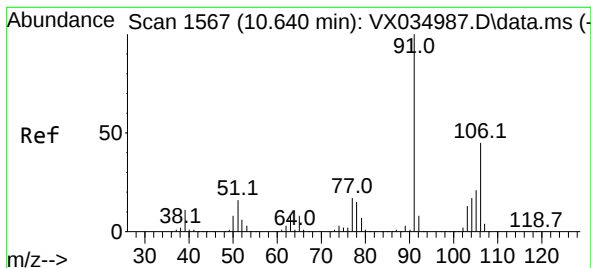
Tgt Ion: 91 Resp: 834306
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 48.929 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 106 Resp: 312405
Ion Ratio Lower Upper
106 100
91 209.2 146.4 272.0





#54

o-Xylene

Concen: 48.825 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

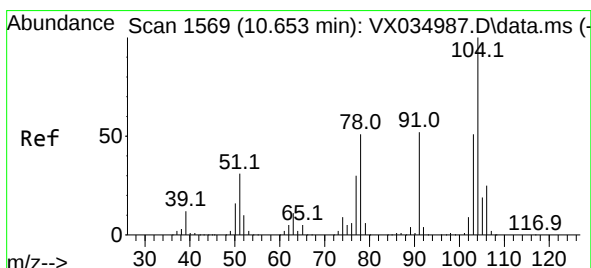
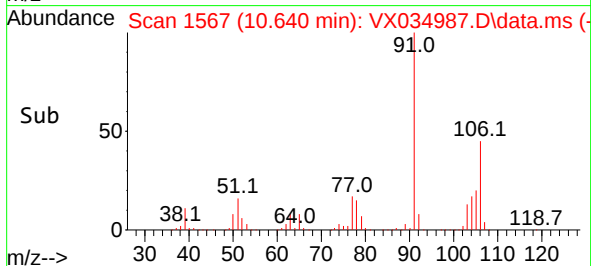
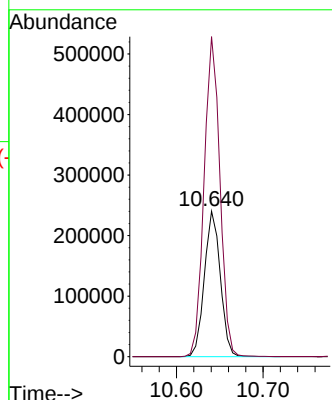
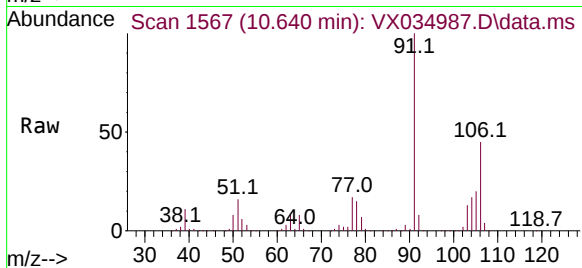
VSTD050628

Tgt Ion:106 Resp: 307158

Ion Ratio Lower Upper

106 100

91 220.0 154.0 286.0



#55

Styrene

Concen: 49.271 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034987.D

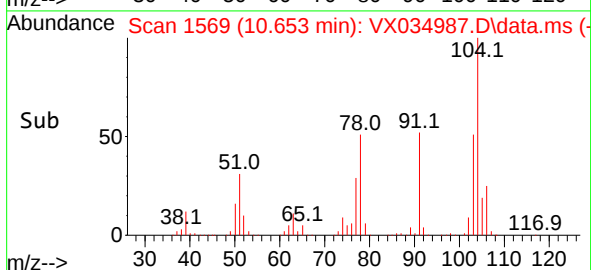
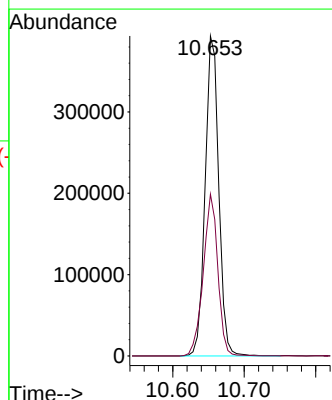
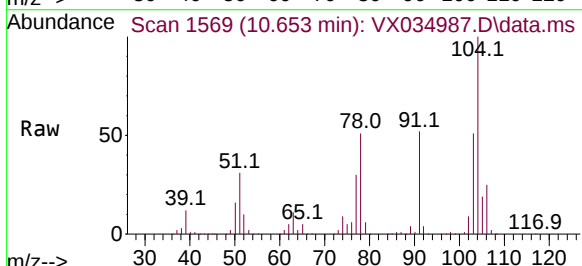
Acq: 10 Apr 2023 10:49

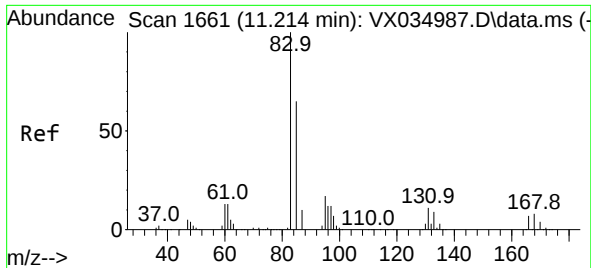
Tgt Ion:104 Resp: 519680

Ion Ratio Lower Upper

104 100

78 50.6 35.4 65.8

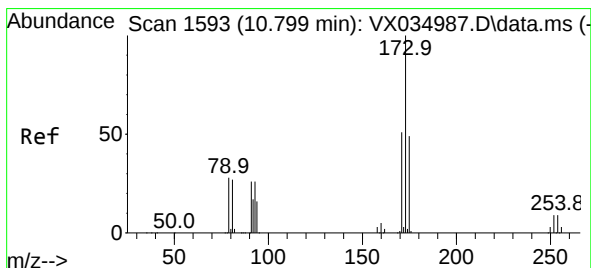
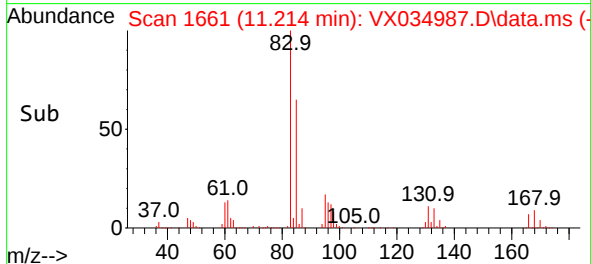
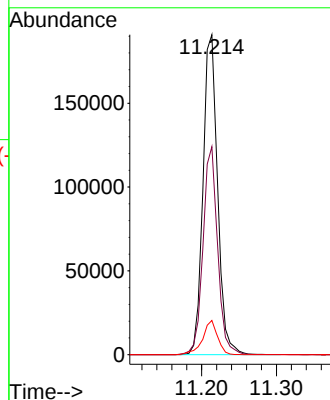
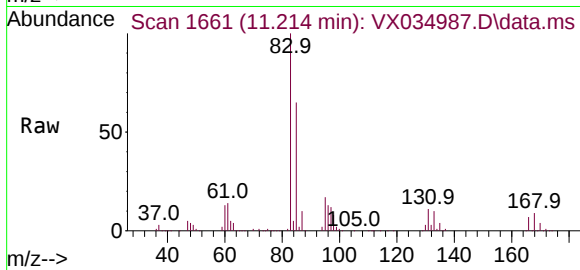




#57
1,1,2,2-Tetrachloroethane
Concen: 48.864 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

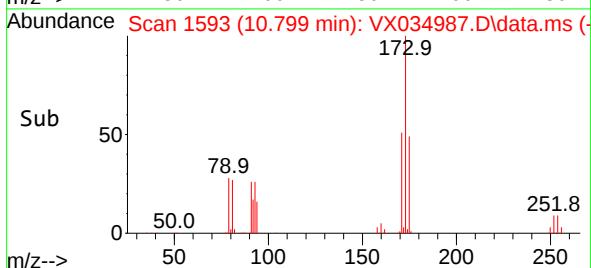
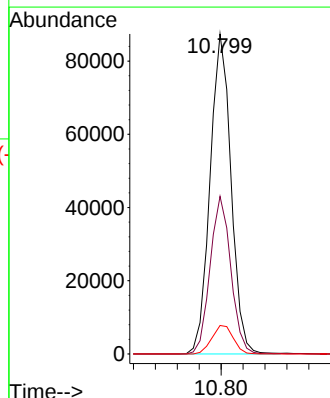
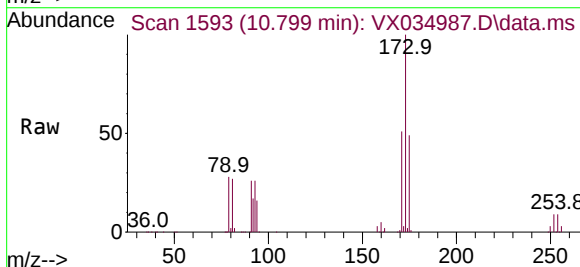
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

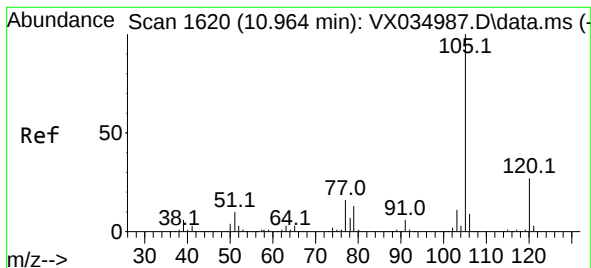
Tgt Ion: 83 Resp: 258486
Ion Ratio Lower Upper
83 100
85 65.0 45.5 84.5
131 10.7 8.6 12.8



#59
Bromoform
Concen: 48.600 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion: 173 Resp: 116087
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 9.1 7.3 10.9





#60

Isopropylbenzene

Concen: 49.515 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050628

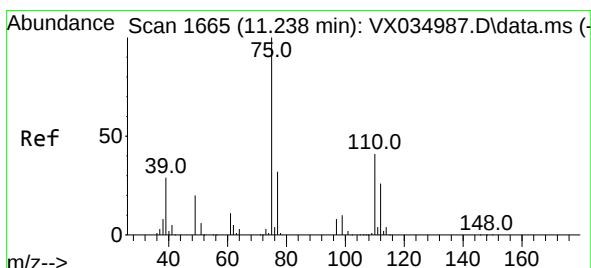
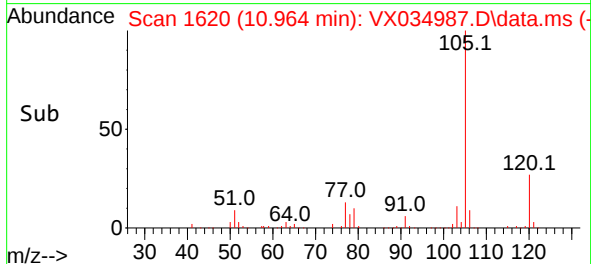
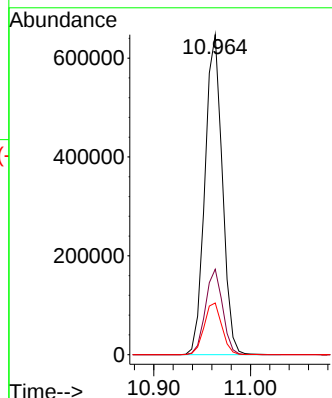
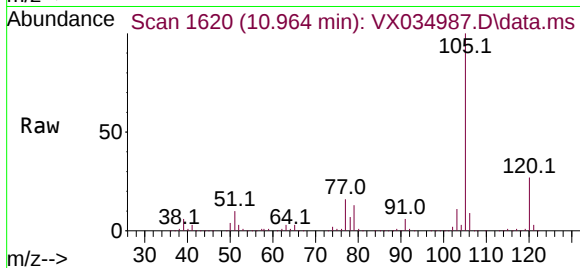
Tgt Ion:105 Resp: 810128

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

77 16.6 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 48.526 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

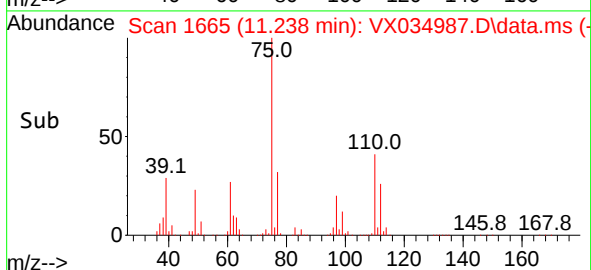
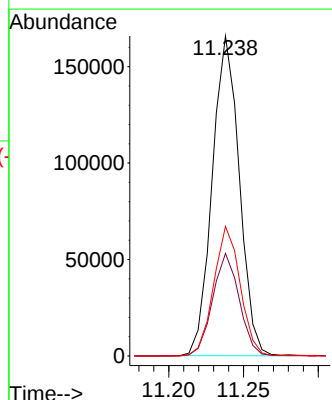
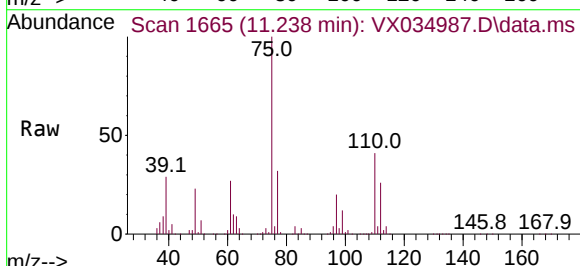
Tgt Ion: 75 Resp: 208459

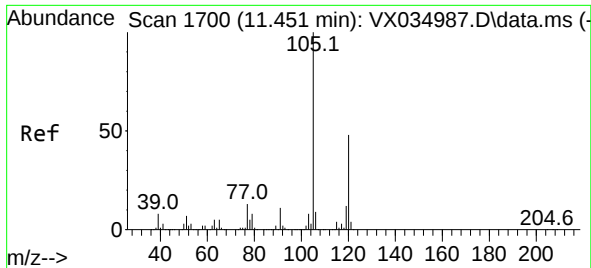
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

110 39.8 31.8 47.8

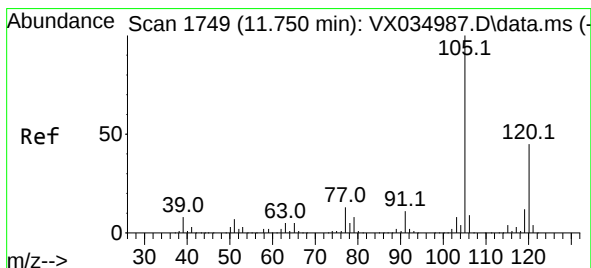
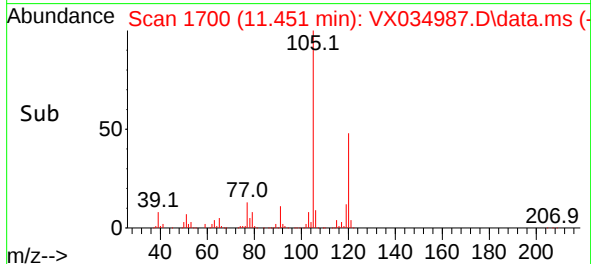
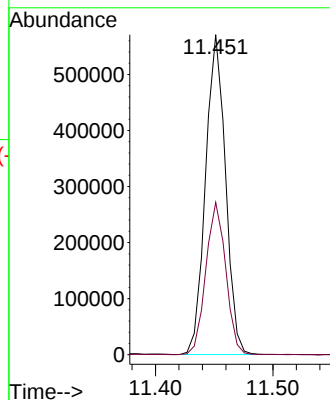
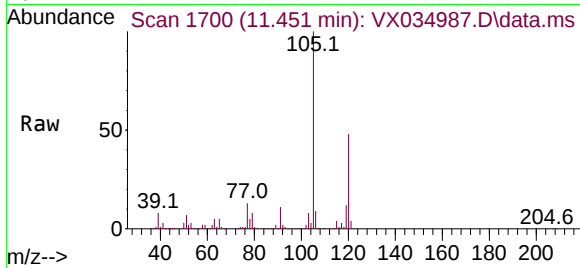




#62
1,3,5-Trimethylbenzene
Concen: 49.636 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

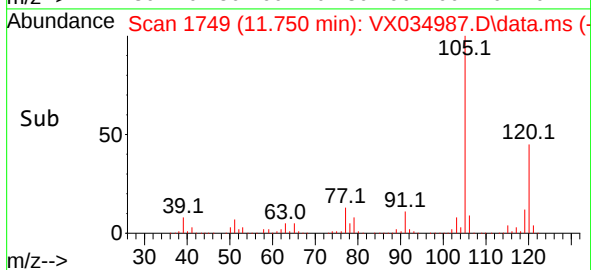
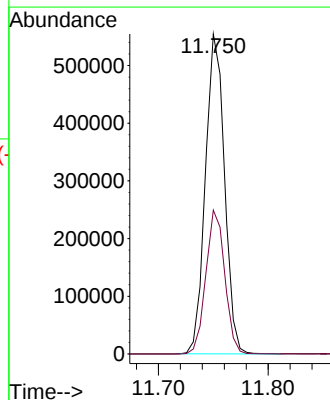
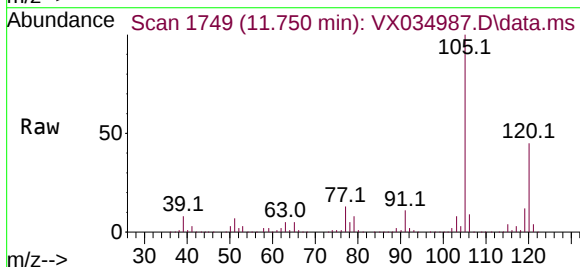
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

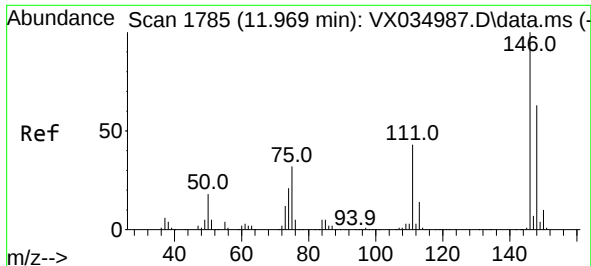
Tgt Ion:105 Resp: 673341
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 50.070 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion:105 Resp: 670667
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

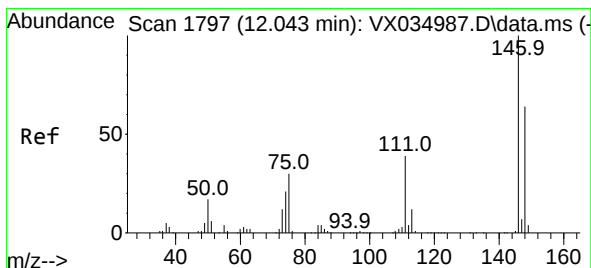
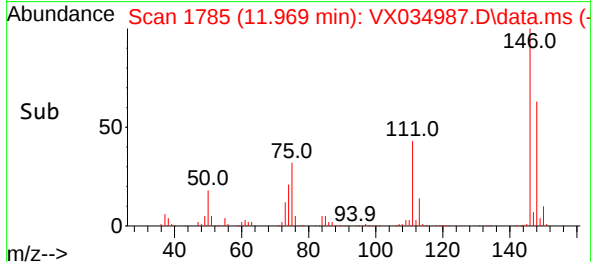
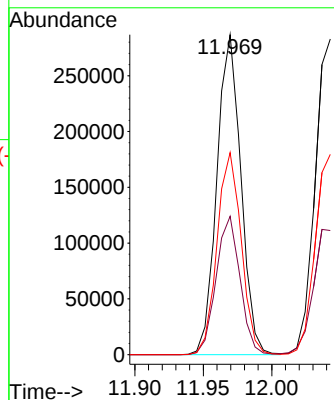
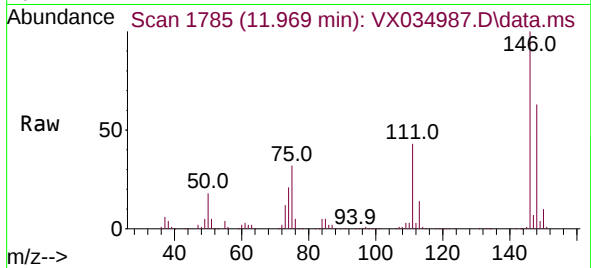




#64
1,3-Dichlorobenzene
Concen: 47.982 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

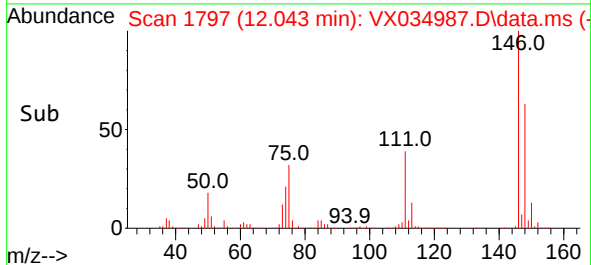
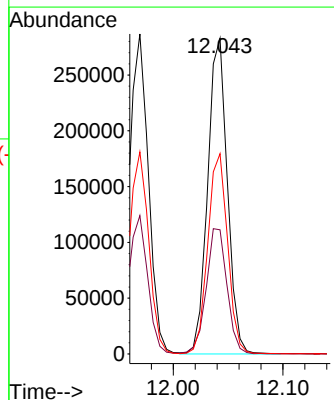
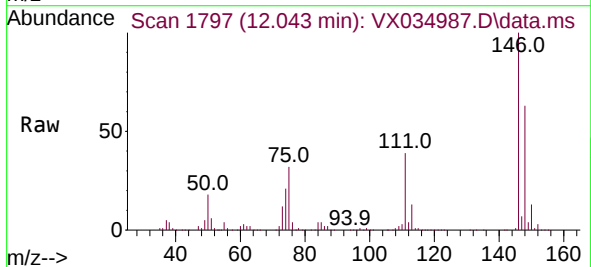
Instrument :
MSVOA_X
ClientSampleId :
VSTD050628

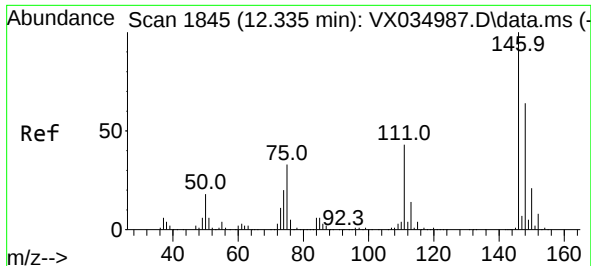
Tgt Ion:146 Resp: 349713
Ion Ratio Lower Upper
146 100
111 43.3 30.3 56.3
148 63.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 47.780 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion:146 Resp: 352099
Ion Ratio Lower Upper
146 100
111 39.3 27.5 51.1
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 48.159 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050628

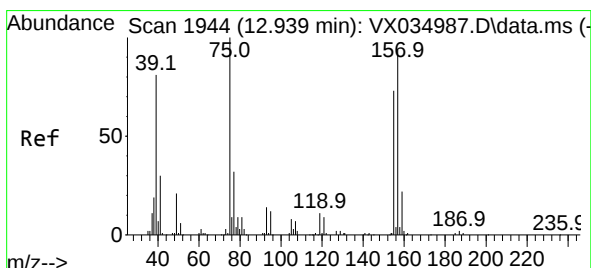
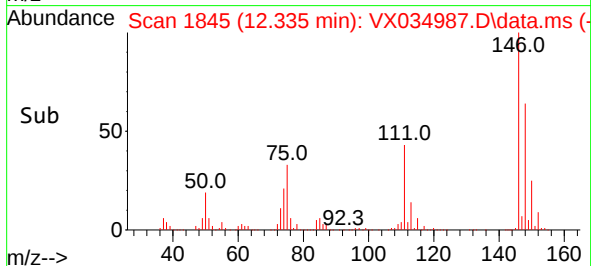
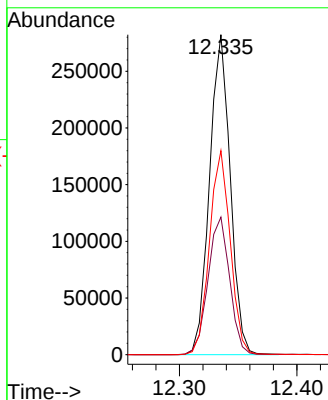
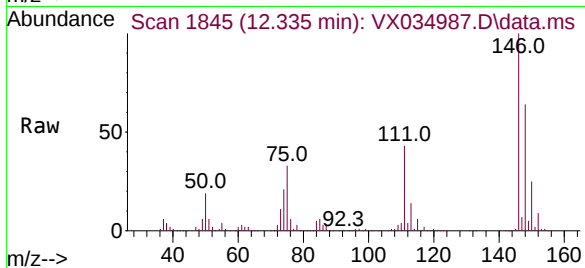
Tgt Ion:146 Resp: 345791

Ion Ratio Lower Upper

146 100

111 43.0 34.4 51.6

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 50.084 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

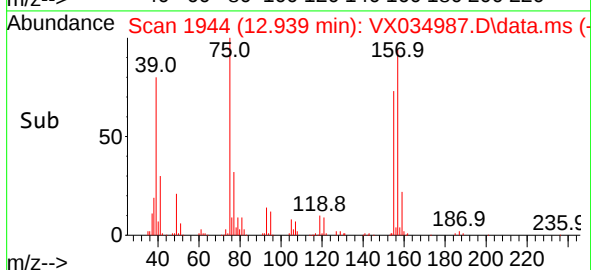
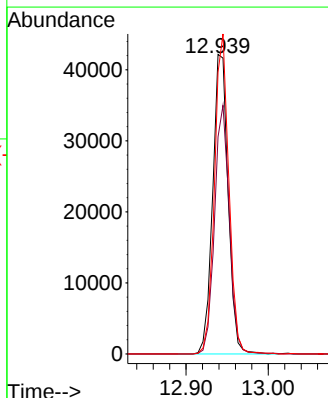
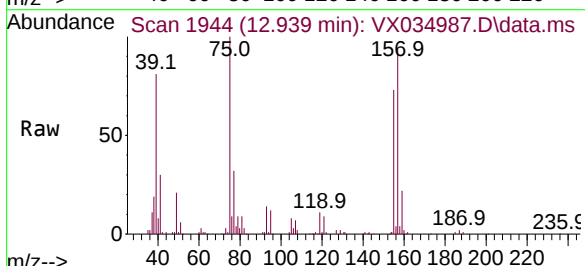
Tgt Ion: 75 Resp: 55067

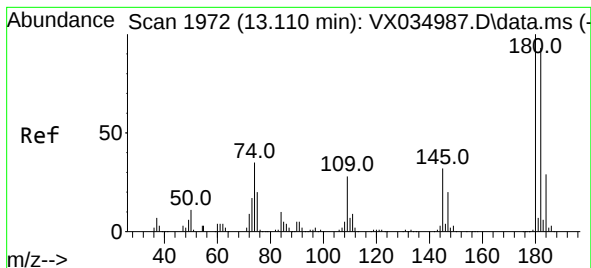
Ion Ratio Lower Upper

75 100

155 72.5 58.0 87.0

157 94.1 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 47.504 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTD050628

Tgt Ion:180 Resp: 216574

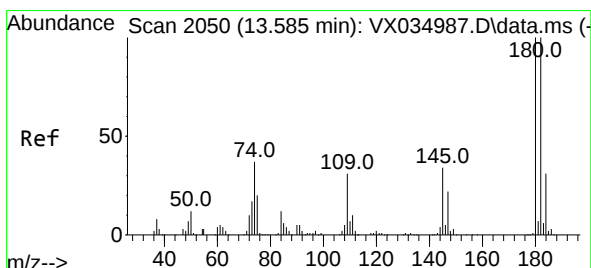
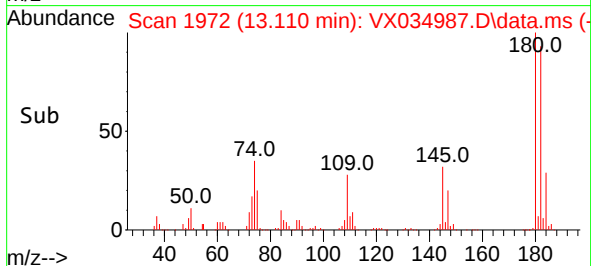
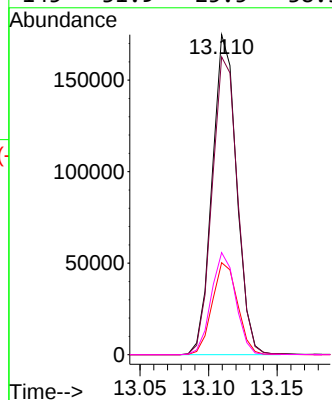
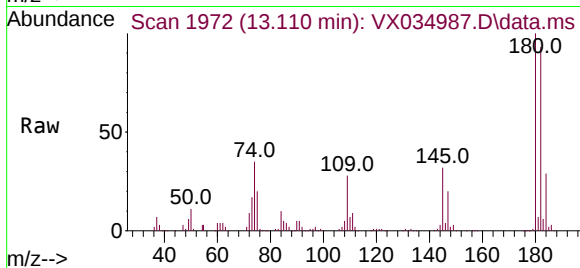
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

184 29.8 23.8 35.8

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 47.400 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034987.D

Acq: 10 Apr 2023 10:49

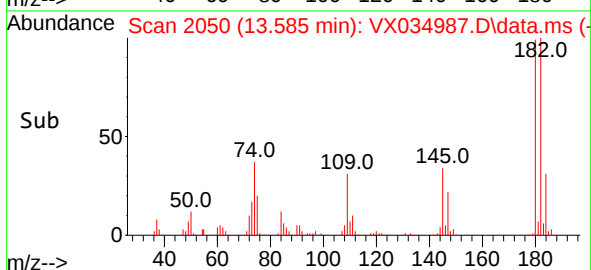
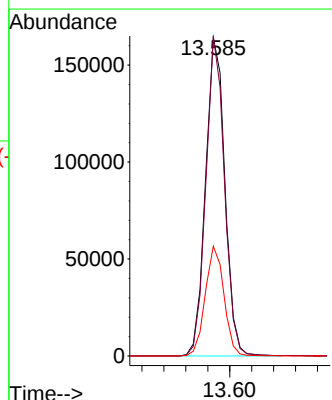
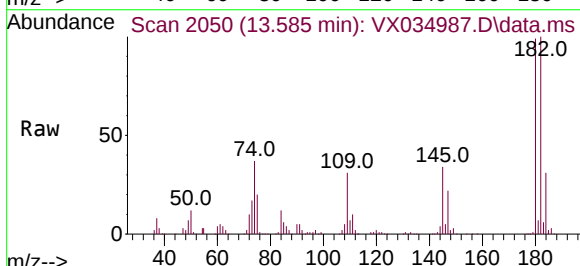
Tgt Ion:180 Resp: 201011

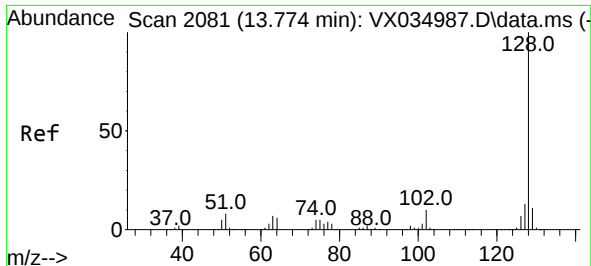
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

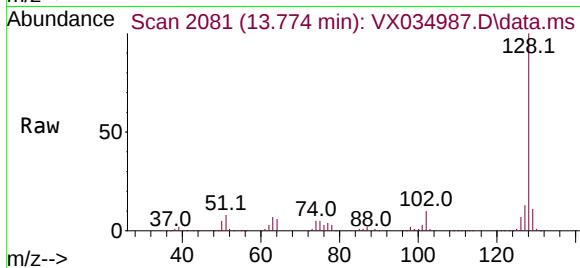
145 33.4 26.7 40.1



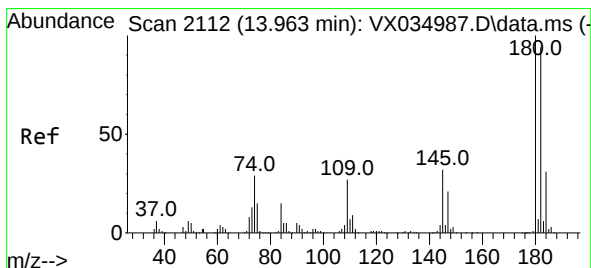
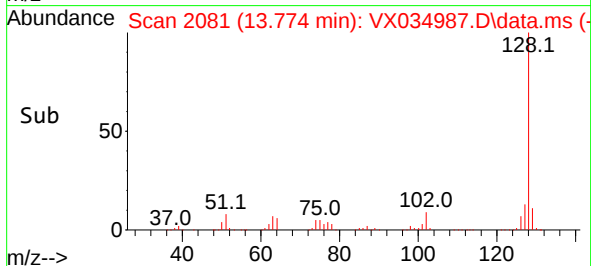
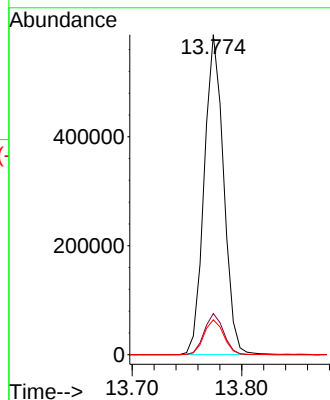


#71
Naphthalene
Concen: 49.772 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTD050628



Tgt Ion:	128	Resp:	721267
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 47.367 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034987.D
Acq: 10 Apr 2023 10:49

Tgt Ion:	180	Resp:	201703
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	35.0	28.0	42.0

