

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033991.D
 Acq On : 02 Feb 2023 15:01
 Operator : JC/MD
 Sample : VSTD20017
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200617

Quant Time: Feb 03 04:12:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:09:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	231417	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	195638	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	107826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	290858	188.720	ug/L	0.00
7) Chloroethane-d5	1.660	69	174685	186.698	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.306	63	565361	200.196	ug/L	0.00
21) 2-Butanone-d5	4.446	46	368084	416.558	ug/L	0.00
24) Chloroform-d	5.050	84	558495	202.017	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	332495	199.331	ug/L	0.00
32) Benzene-d6	5.970	84	1139429	203.177	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	340899	205.612	ug/L	0.00
41) Toluene-d8	8.647	98	1052431	197.829	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	173231	230.238	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	270379	434.872	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	411953	198.151	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	426151	197.455	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	350878	203.801	ug/L	100
3) Chloromethane	1.294	50	290099	184.601	ug/L	98
5) Vinyl chloride	1.374	62	315399	198.480	ug/L	100
6) Bromomethane	1.611	94	141772	172.048	ug/L	100
8) Chloroethane	1.678	64	166029	196.542	ug/L	99
9) Trichlorofluoromethane	1.886	101	461414	204.863	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	325680	209.097	ug/L	99
12) 1,1-Dichloroethene	2.319	96	290027	203.554	ug/L	98
13) Acetone	2.373	43	353486	388.837	ug/L	99
14) Carbon disulfide	2.514	76	831159	215.527	ug/L	100
15) Methyl Acetate	2.697	43	299436	206.749	ug/L	99
16) Methylene chloride	2.788	84	301289	199.685	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	303942	206.647	ug/L	97
18) Methyl tert-butyl Ether	3.105	73	912449	213.066	ug/L	100
19) 1,1-Dichloroethane	3.605	63	532372	207.394	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	346730	206.280	ug/L	97
22) 2-Butanone	4.544	43	459492	411.541	ug/L	99
23) Bromochloromethane	4.891	128	189086	204.921	ug/L	99
25) Chloroform	5.086	83	548176	206.798	ug/L	98
27) 1,2-Dichloroethane	6.080	62	413802	203.394	ug/L	98
29) Cyclohexane	5.464	56	518589	216.727	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	491916	222.461	ug/L	98
31) Carbon tetrachloride	5.672	117	463914	225.502	ug/L	99
33) Benzene	6.031	78	1206370	207.368	ug/L	100
34) Trichloroethene	7.123	95	337644	214.152	ug/L	99
35) Methylcyclohexane	7.379	83	559902	222.707	ug/L	99
37) 1,2-Dichloropropane	7.427	63	309058	208.581	ug/L	100
38) Bromodichloromethane	7.818	83	414152	219.818	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	527405	231.902	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	767247	420.774	ug/L	99
42) Toluene	8.714	91	1287173	206.838	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	477027	235.714	ug/L	100

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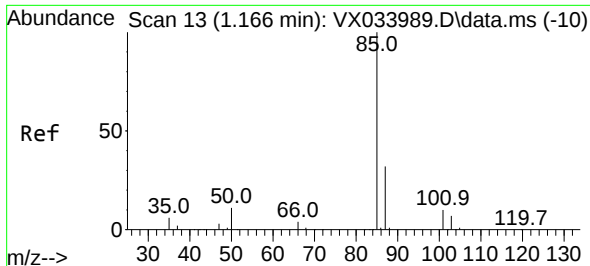
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	309004	206.017	ug/L	98
46) Tetrachloroethene	9.268	164	323900	213.970	ug/L	96
48) 2-Hexanone	9.427	43	591737	407.216	ug/L	99
49) Dibromochloromethane	9.518	129	358996	221.830	ug/L	100
50) 1,2-Dibromoethane	9.610	107	342734	212.637	ug/L #	99
51) Chlorobenzene	10.079	112	861674	204.951	ug/L	99
52) Ethylbenzene	10.189	91	1420504	207.706	ug/L	98
53) m,p-Xylene	10.299	106	571329	208.117	ug/L	100
54) o-Xylene	10.640	106	539343	203.359	ug/L	96
55) Styrene	10.652	104	926233	208.172	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	421387	199.844	ug/L	100
59) Bromoform	10.799	173	294214	224.207	ug/L	99
60) Isopropylbenzene	10.963	105	1447320	205.458	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	319815	195.374	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1216140	210.918	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1195342	210.325	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	721776	206.058	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	725420	204.630	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	690120	201.488	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	91632	228.481	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	576018	218.057	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	546611	227.940	ug/L	99
71) Naphthalene	13.774	128	1463841	220.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	521660	220.361	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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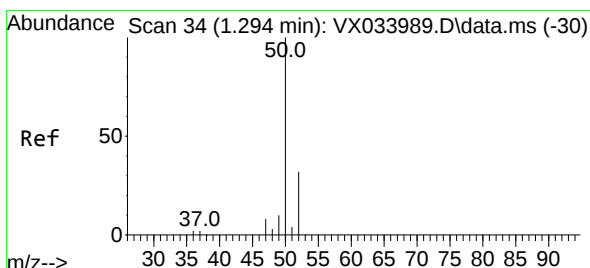
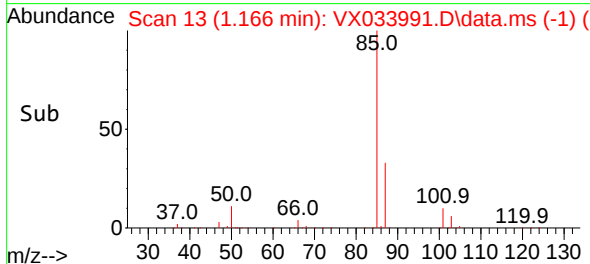
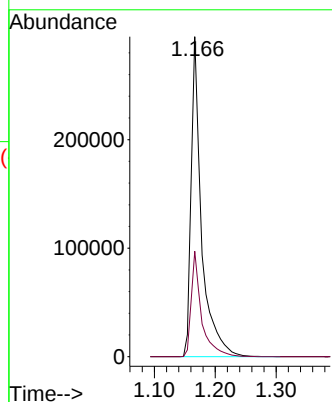
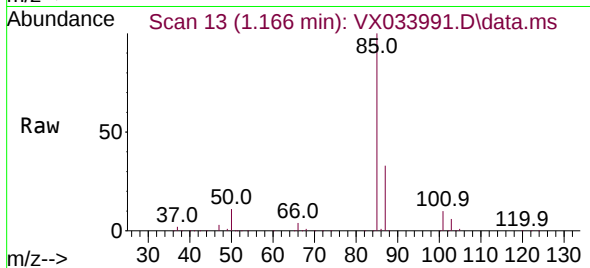




#2
 Dichlorodifluoromethane
 Concen: 203.801 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033991.D
 Acq: 02 Feb 2023 15:01

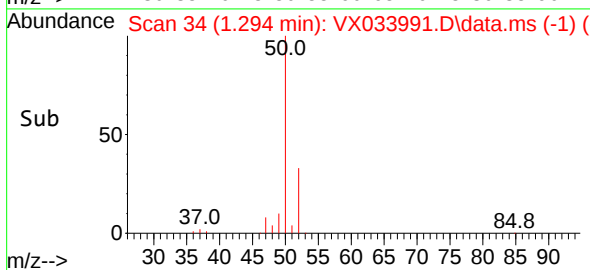
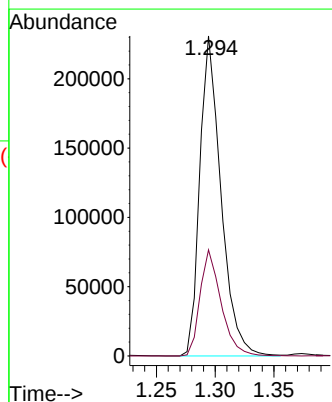
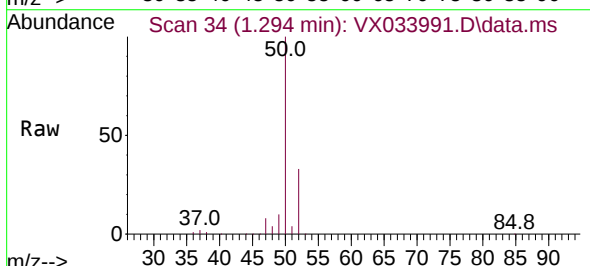
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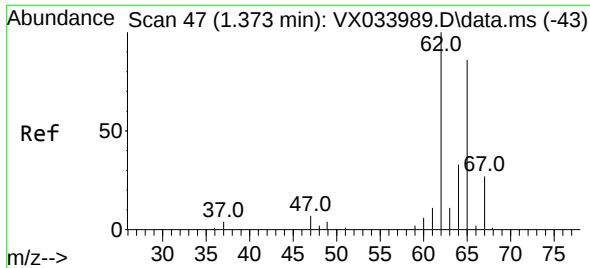
Tgt Ion: 85 Resp: 350878
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 184.601 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX033991.D
 Acq: 02 Feb 2023 15:01

Tgt Ion: 50 Resp: 290099
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.7

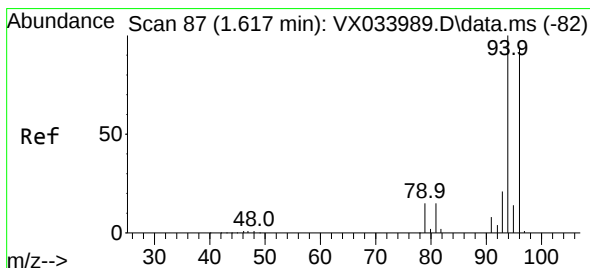
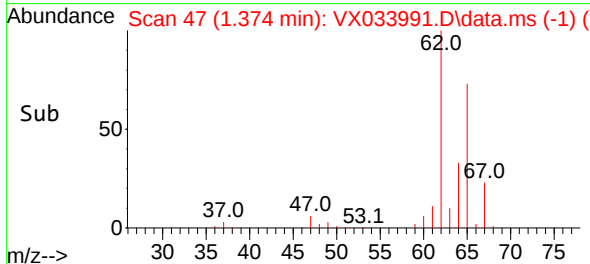
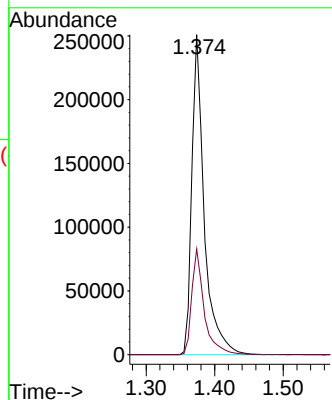
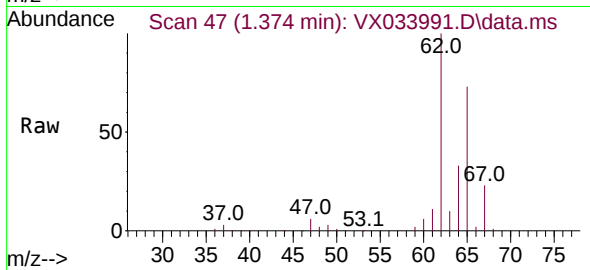




#5
 Vinyl chloride
 Concen: 198.480 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033991.D
 Acq: 02 Feb 2023 15:01

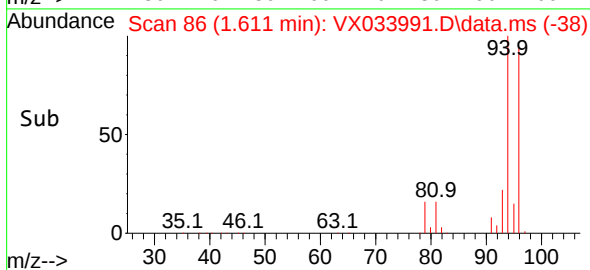
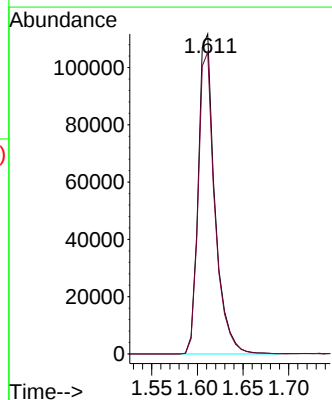
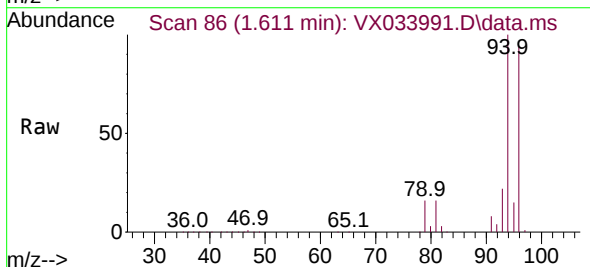
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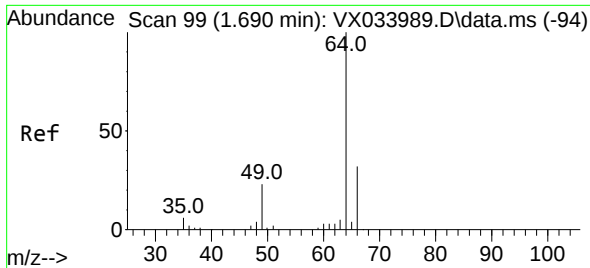
Tgt Ion: 62 Resp: 315399
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.0



#6
 Bromomethane
 Concen: 172.048 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX033991.D
 Acq: 02 Feb 2023 15:01

Tgt Ion: 94 Resp: 141772
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 122.1

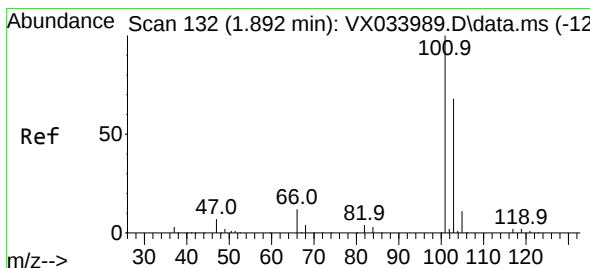
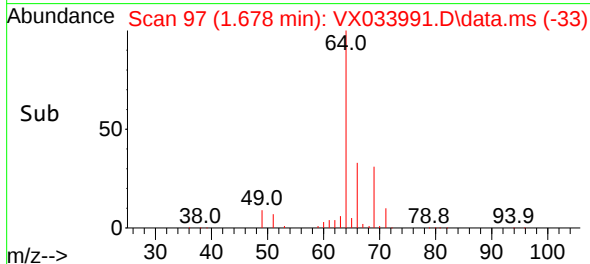
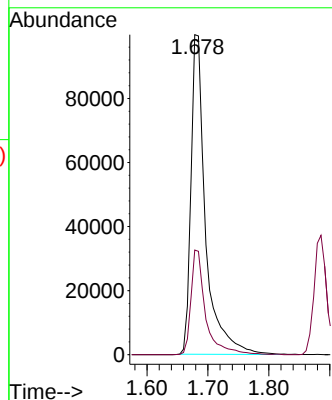
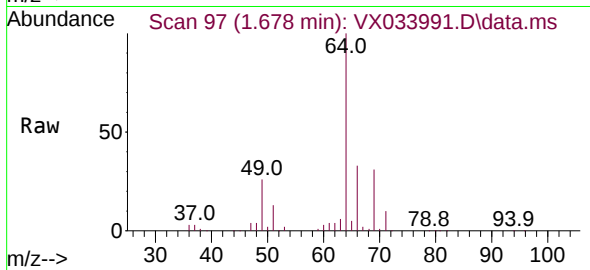




#8
Chloroethane
Concen: 196.542 ug/L
RT: 1.678 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

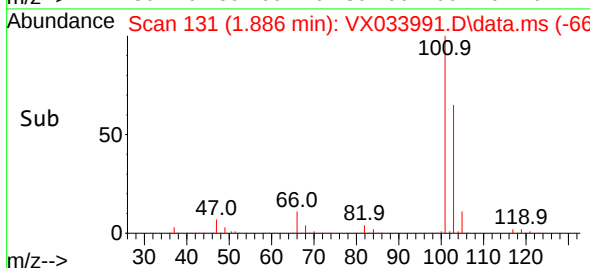
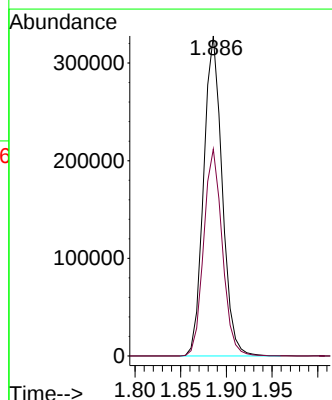
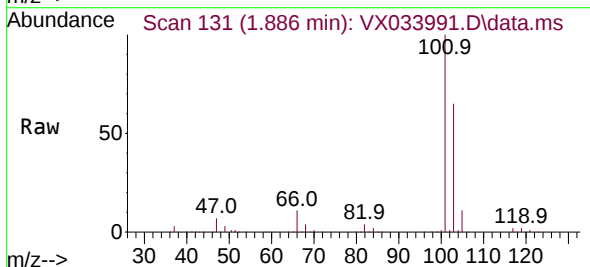
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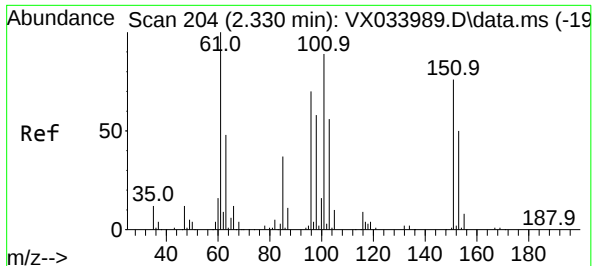
Tgt Ion: 64 Resp: 166029
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 204.863 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion:101 Resp: 461414
Ion Ratio Lower Upper
101 100
103 64.7 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 209.097 ug/L

RT: 2.325 min Scan# 204

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTD200617

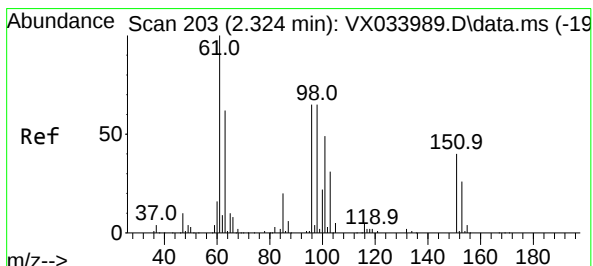
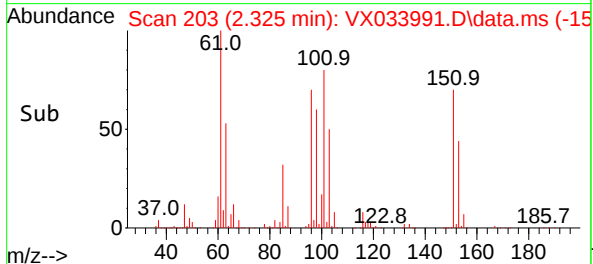
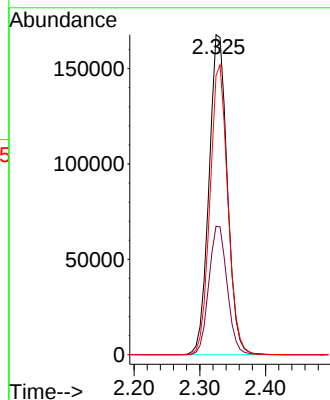
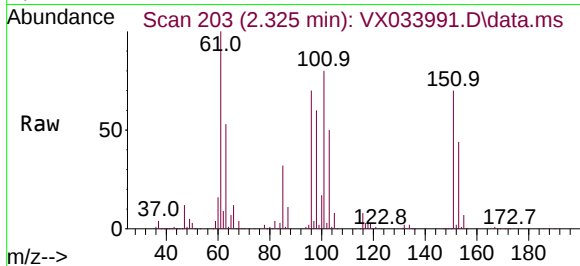
Tgt Ion:101 Resp: 325680

Ion Ratio Lower Upper

101 100

85 40.1 32.2 48.4

151 88.0 69.3 103.9



#12

1,1-Dichloroethene

Concen: 203.554 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

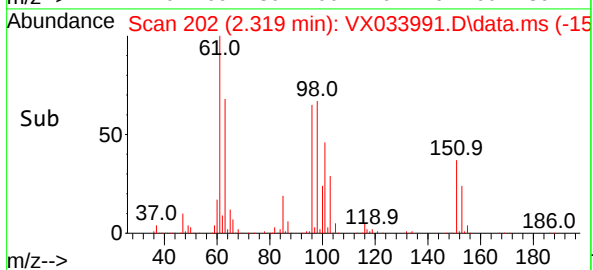
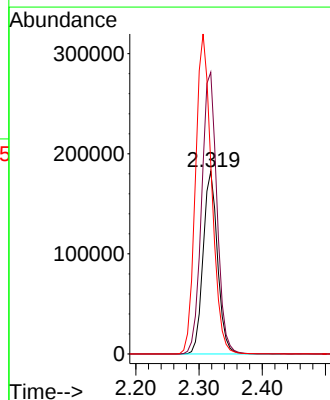
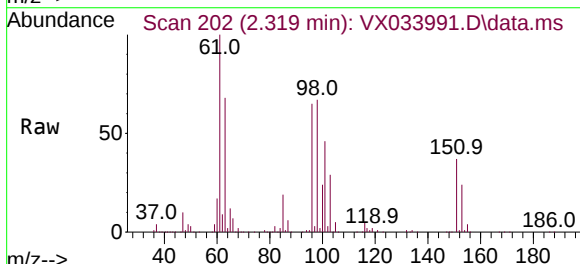
Tgt Ion: 96 Resp: 290027

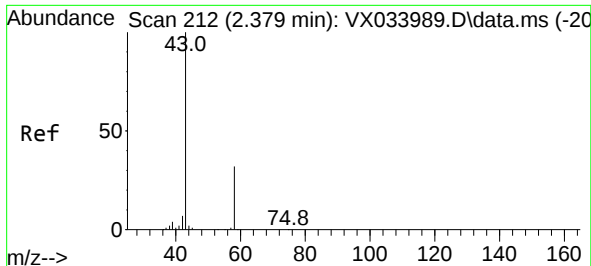
Ion Ratio Lower Upper

96 100

61 154.5 107.6 199.8

63 104.3 69.6 129.2

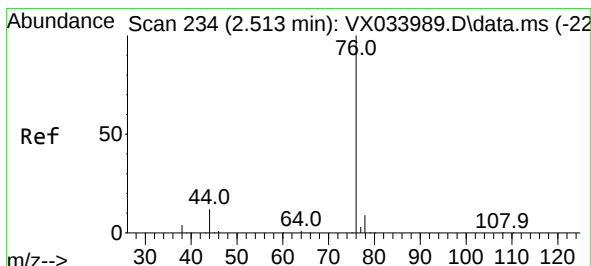
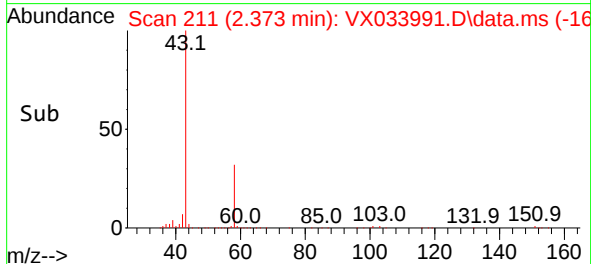
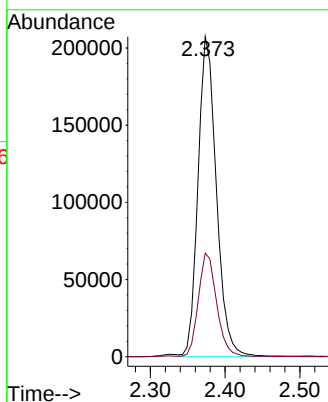
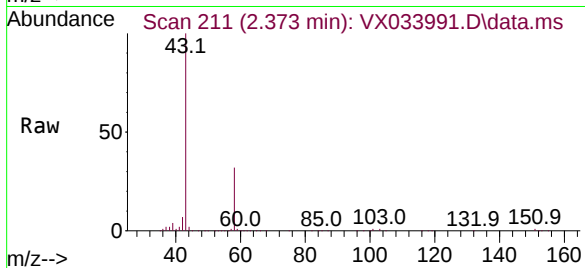




#13
Acetone
Concen: 388.837 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX033991.D
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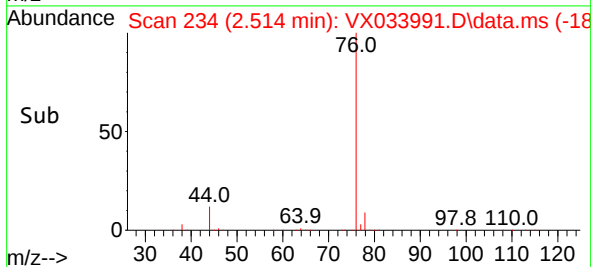
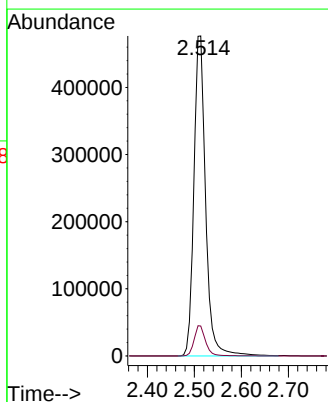
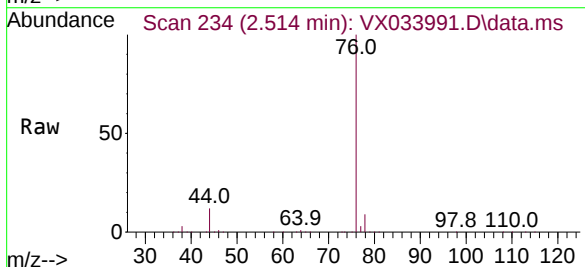
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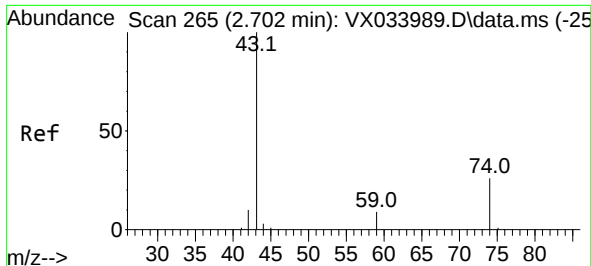
Tgt Ion: 43 Resp: 353486
Ion Ratio Lower Upper
43 100
58 32.2 0.0 62.8



#14
Carbon disulfide
Concen: 215.527 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion: 76 Resp: 831159
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

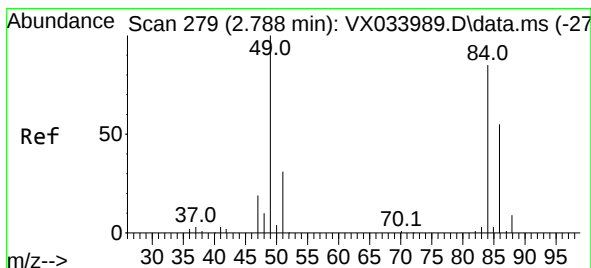
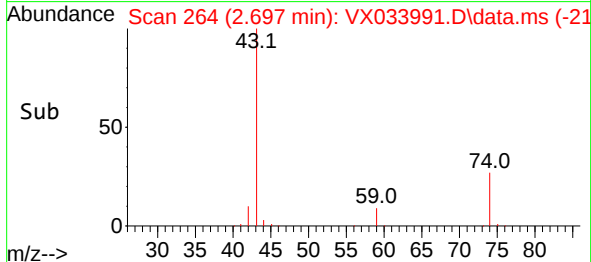
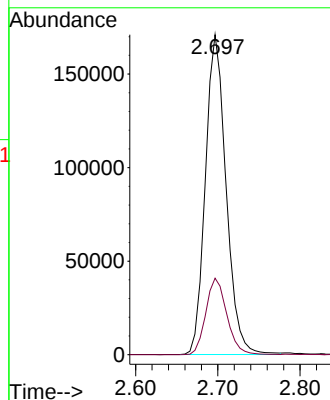
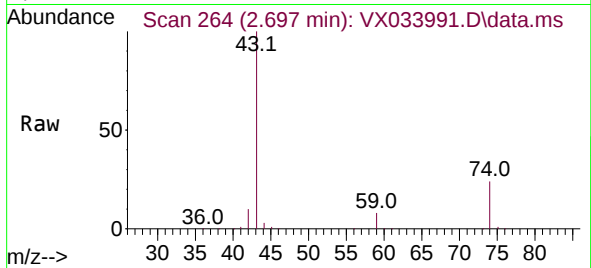




#15
Methyl Acetate
Concen: 206.749 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

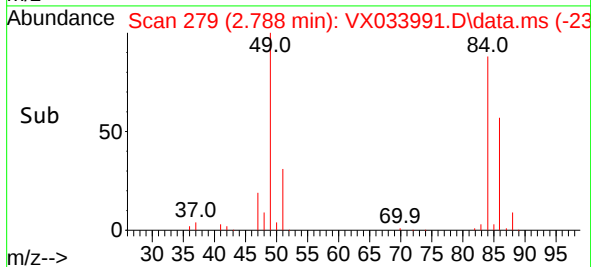
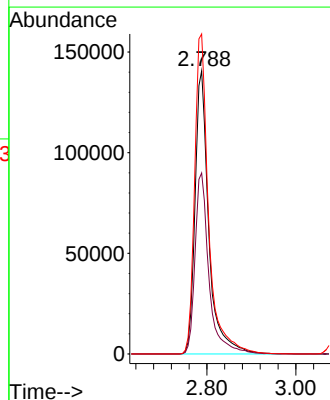
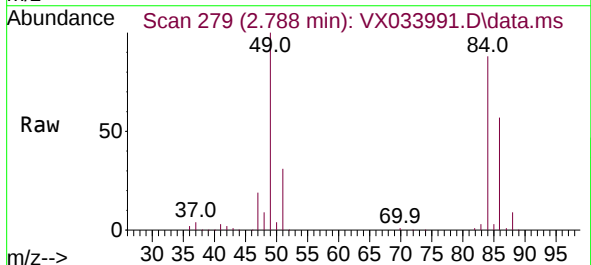
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ClientSampleId :
VSTD200617

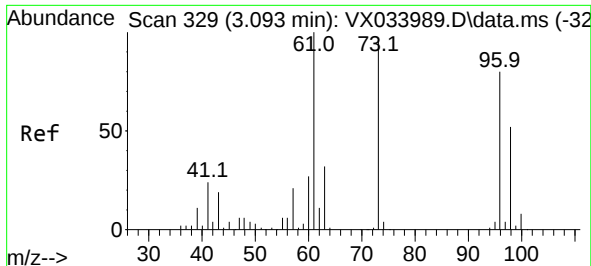
Tgt Ion: 43 Resp: 299436
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5



#16
Methylene chloride
Concen: 199.685 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion: 84 Resp: 301289
Ion Ratio Lower Upper
84 100
86 63.9 45.2 84.0
49 113.1 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 206.647 ug/L

RT: 3.087 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTD200617

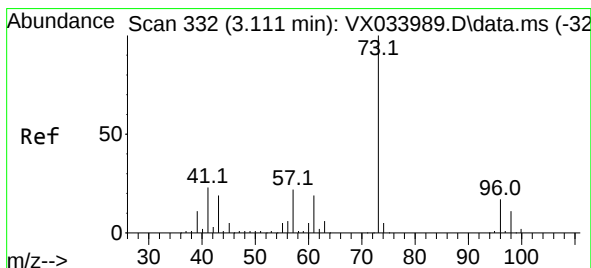
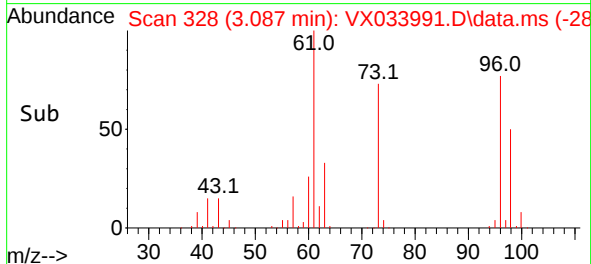
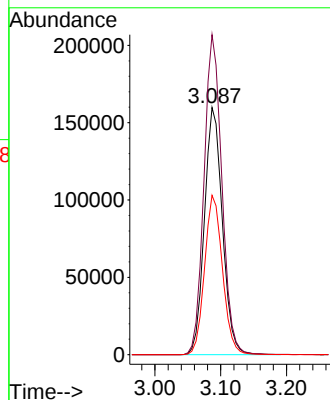
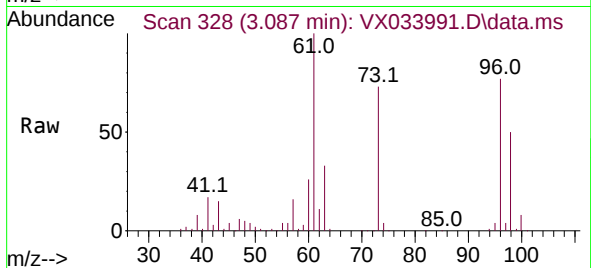
Tgt Ion: 96 Resp: 303942

Ion Ratio Lower Upper

96 100

61 129.4 87.7 162.9

98 64.4 45.4 84.4



#18

Methyl tert-butyl Ether

Concen: 213.066 ug/L

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

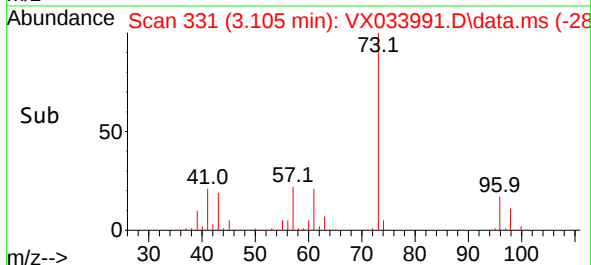
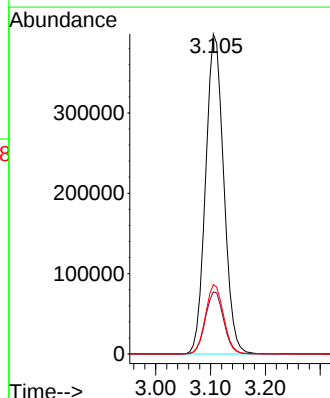
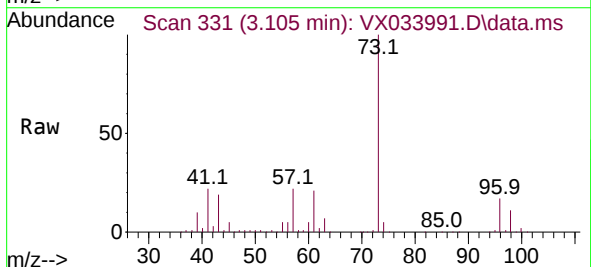
Tgt Ion: 73 Resp: 912449

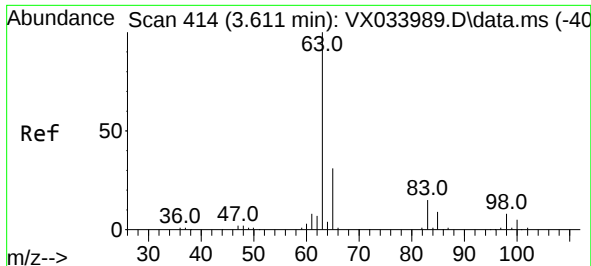
Ion Ratio Lower Upper

73 100

43 19.6 15.6 23.4

57 21.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 207.394 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTD200617

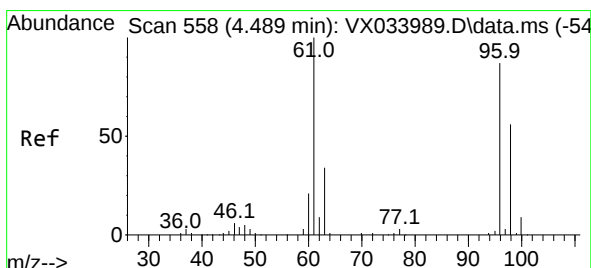
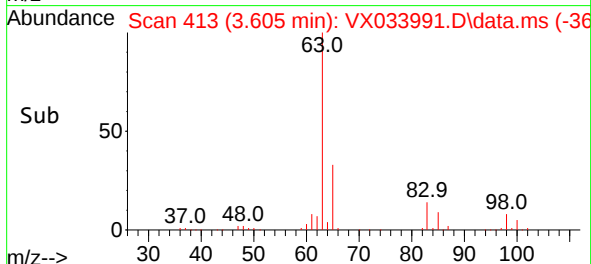
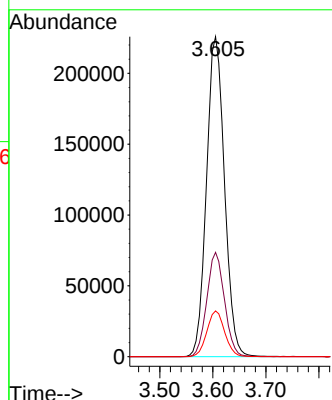
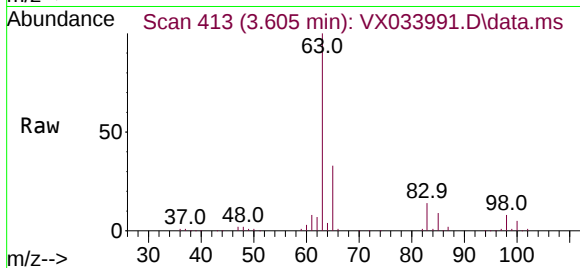
Tgt Ion: 63 Resp: 532372

Ion Ratio Lower Upper

63 100

65 32.6 21.9 40.7

83 14.3 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 206.280 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

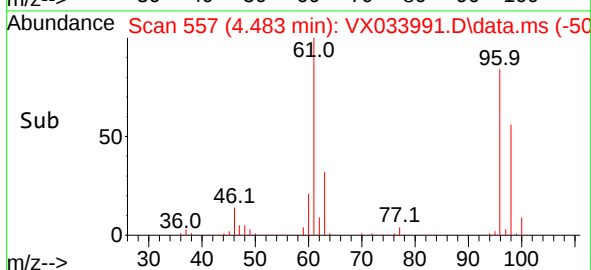
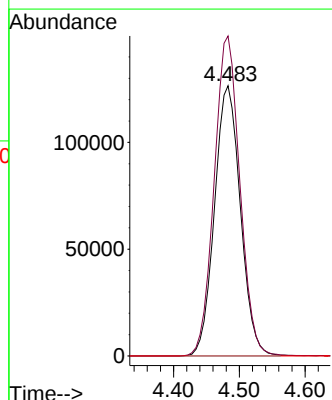
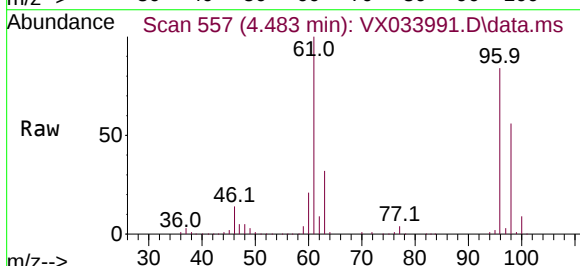
Tgt Ion: 96 Resp: 346730

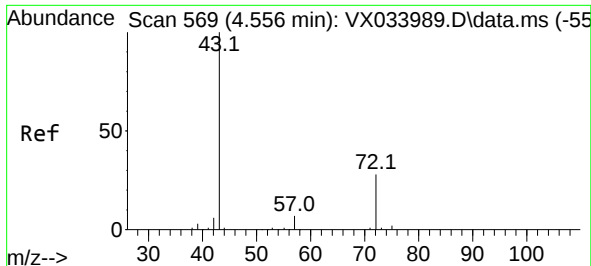
Ion Ratio Lower Upper

96 100

61 118.4 80.3 149.1

68 0.0 0.0 0.0

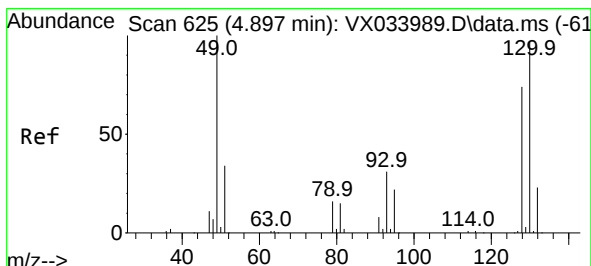
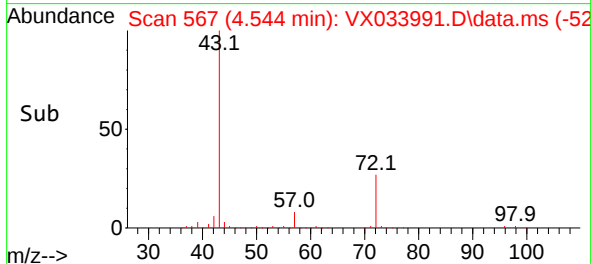
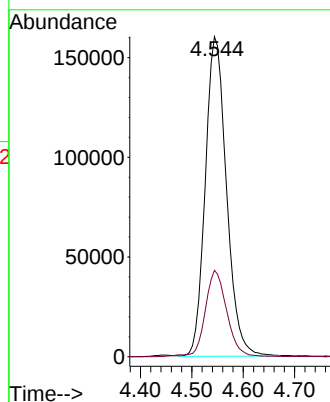
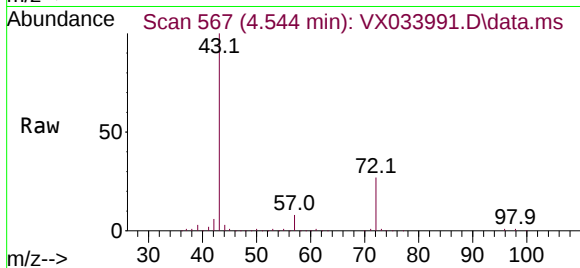




#22
2-Butanone
Concen: 411.541 ug/L
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

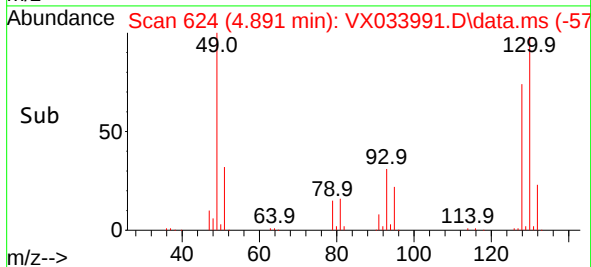
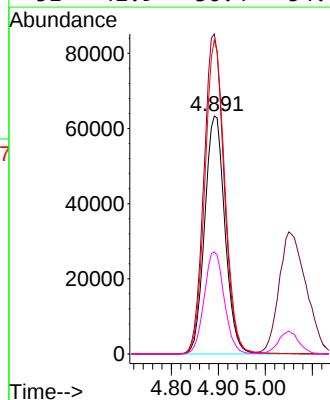
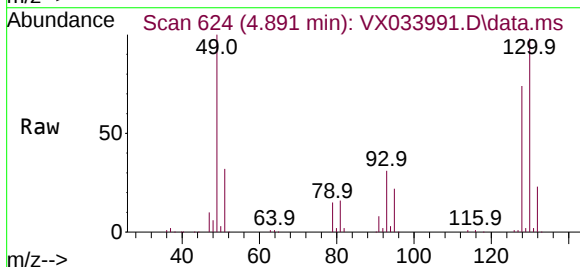
Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

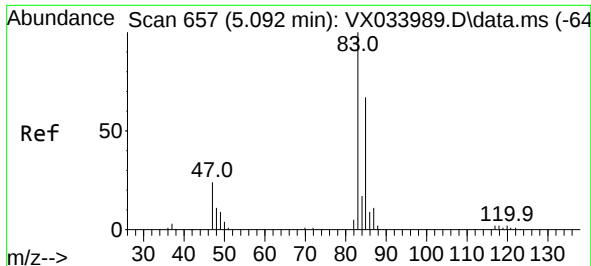
Tgt Ion: 43 Resp: 459492
Ion Ratio Lower Upper
43 100
72 26.9 13.2 39.6



#23
Bromochloromethane
Concen: 204.921 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion:128 Resp: 189086
Ion Ratio Lower Upper
128 100
49 134.5 94.7 175.9
130 131.9 91.3 169.6
51 42.9 36.4 54.6





#25

Chloroform

Concen: 206.798 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

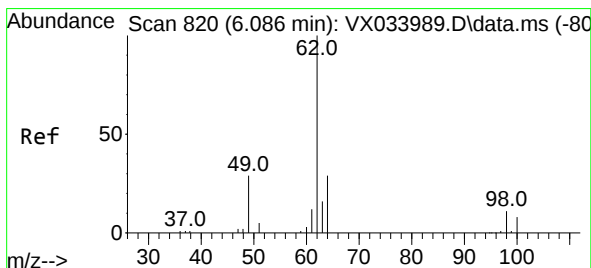
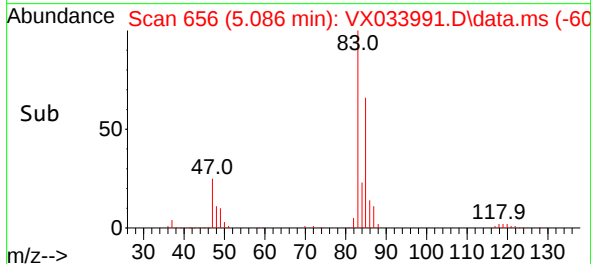
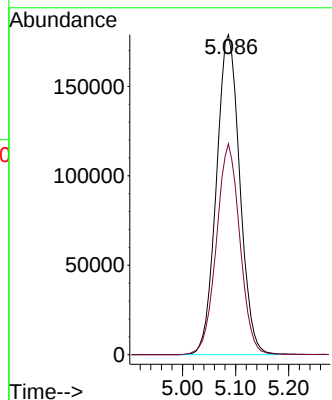
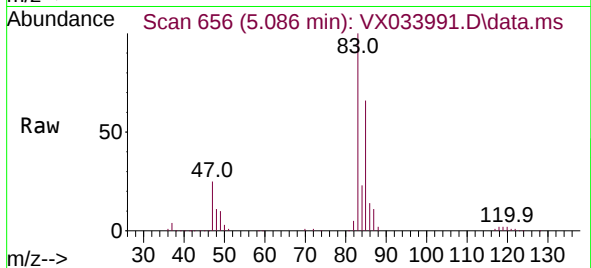
VSTD200617

Tgt Ion: 83 Resp: 548176

Ion Ratio Lower Upper

83 100

85 65.9 47.0 87.4



#27

1,2-Dichloroethane

Concen: 203.394 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX033991.D

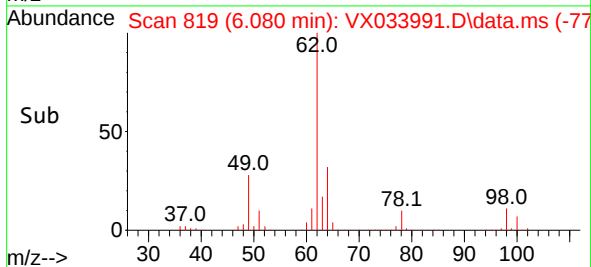
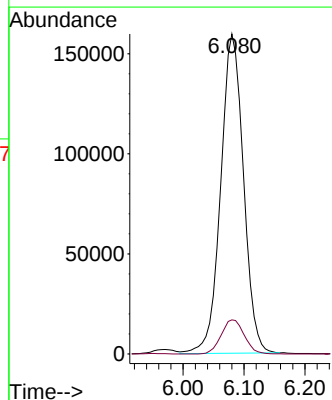
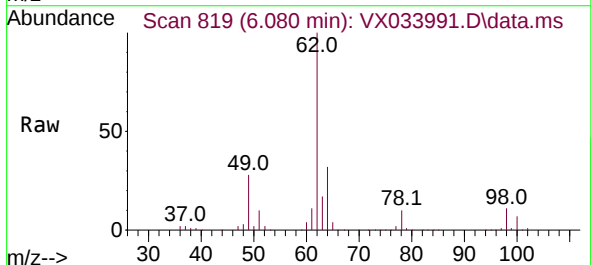
Acq: 02 Feb 2023 15:01

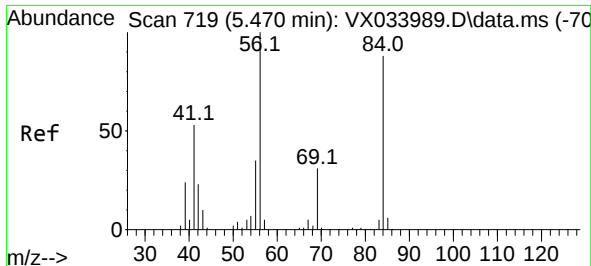
Tgt Ion: 62 Resp: 413802

Ion Ratio Lower Upper

62 100

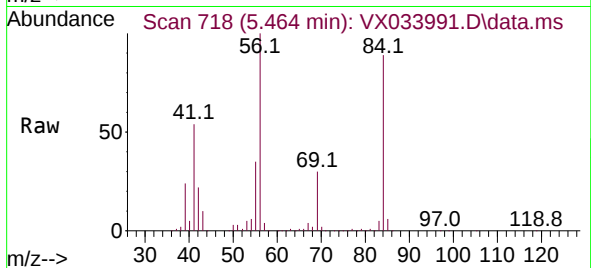
98 10.7 9.1 13.7





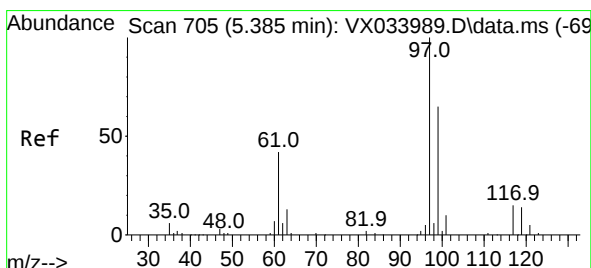
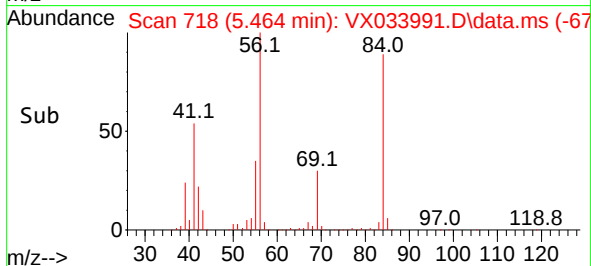
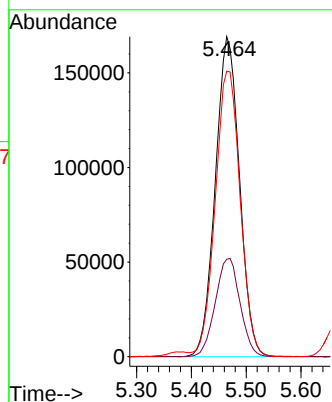
#29
Cyclohexane
Concen: 216.727 ug/L
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :
VSTD200617



Tgt Ion: 56 Resp: 518589

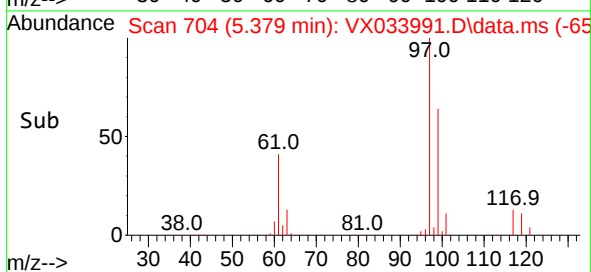
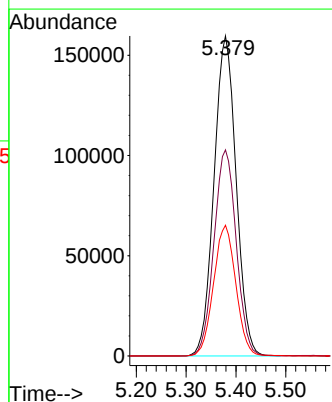
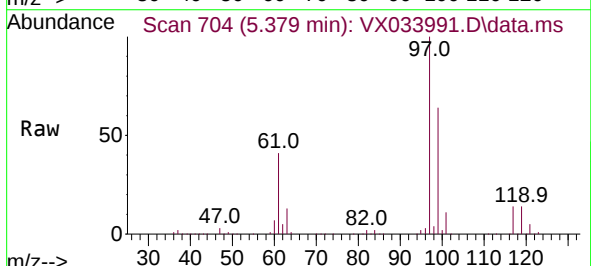
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.8	37.2
84	91.9	73.2	109.8

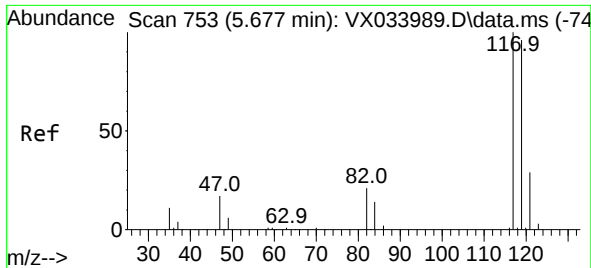


#30
1,1,1-Trichloroethane
Concen: 222.461 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion: 97 Resp: 491916

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	41.2	34.7	52.1

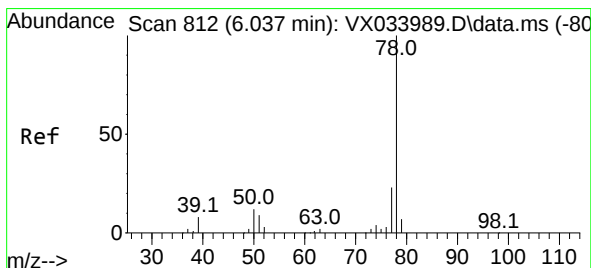
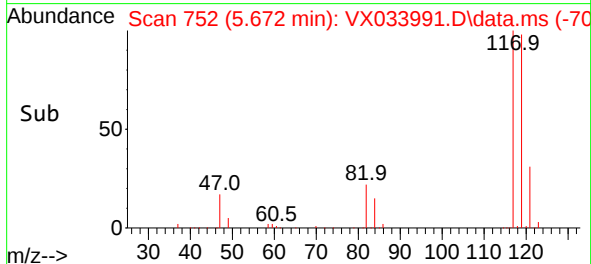
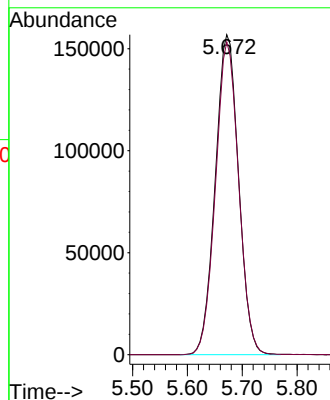
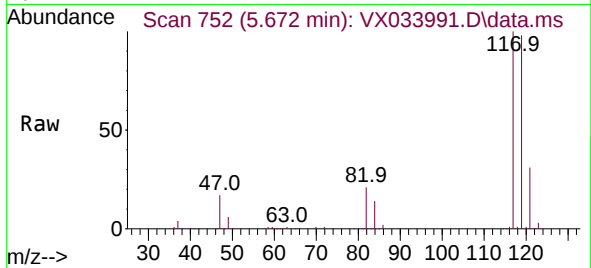




#31
Carbon tetrachloride
Concen: 225.502 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

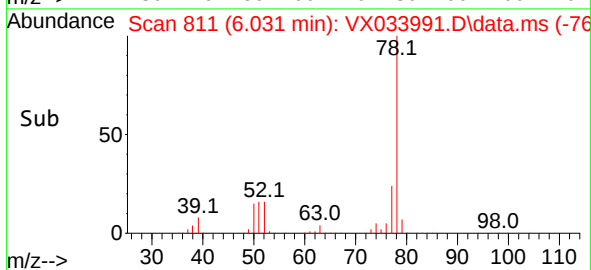
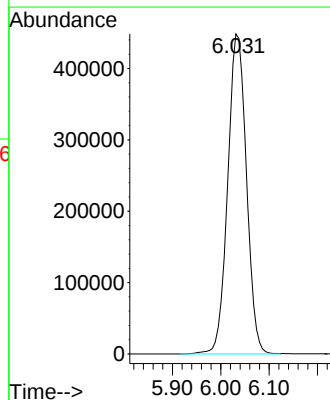
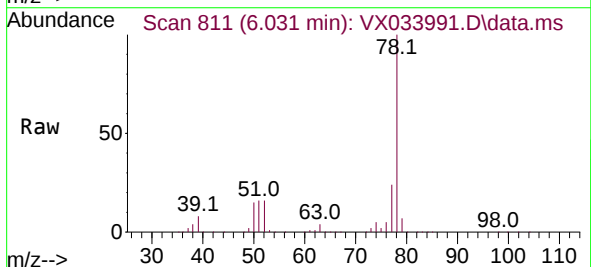
Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

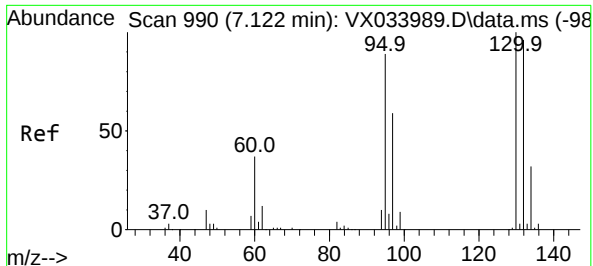
Tgt Ion:117 Resp: 463914
Ion Ratio Lower Upper
117 100
119 96.9 77.1 115.7



#33
Benzene
Concen: 207.368 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion: 78 Resp: 1206370

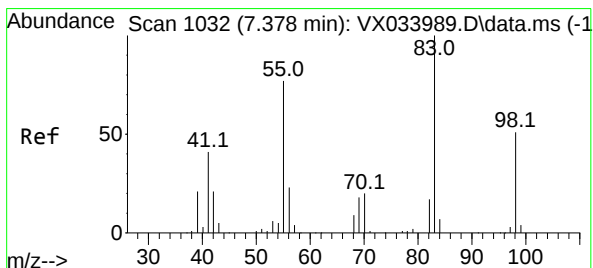
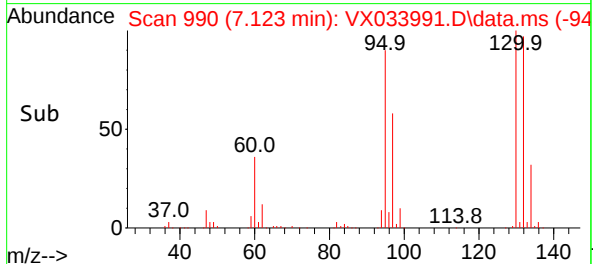
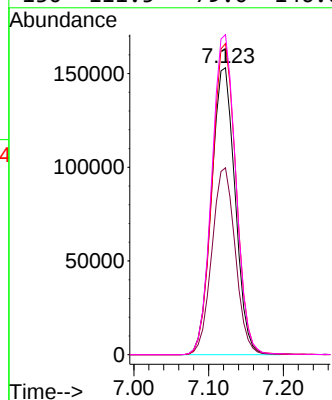
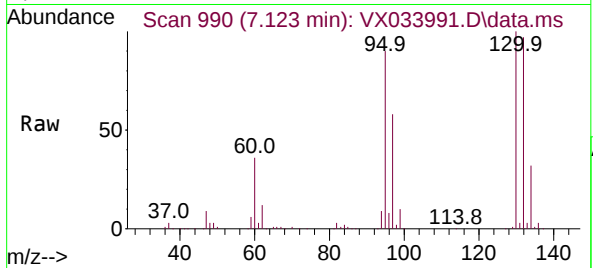




#34
Trichloroethene
Concen: 214.152 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

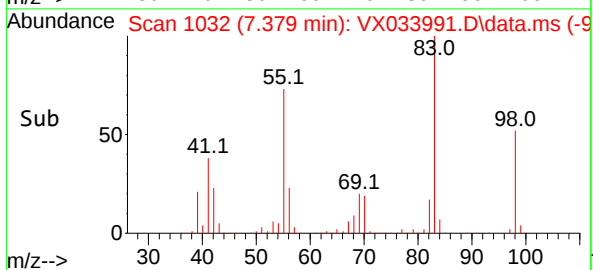
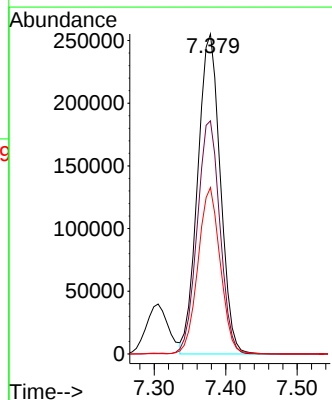
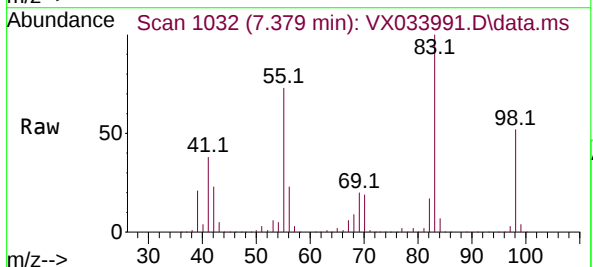
Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

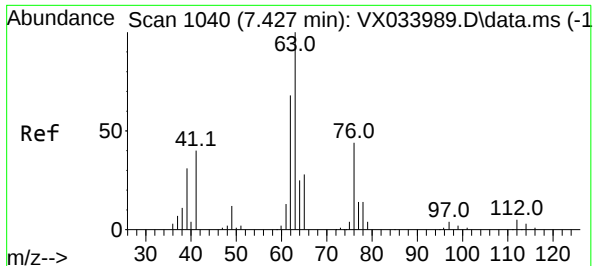
Tgt Ion: 95 Resp: 337644
Ion Ratio Lower Upper
95 100
97 65.2 46.8 87.0
132 108.4 76.2 141.4
130 111.5 79.0 146.6



#35
Methylcyclohexane
Concen: 222.707 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion: 83 Resp: 559902
Ion Ratio Lower Upper
83 100
55 73.1 59.0 88.4
98 51.2 40.6 60.8





#37

1,2-Dichloropropane

Concen: 208.581 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

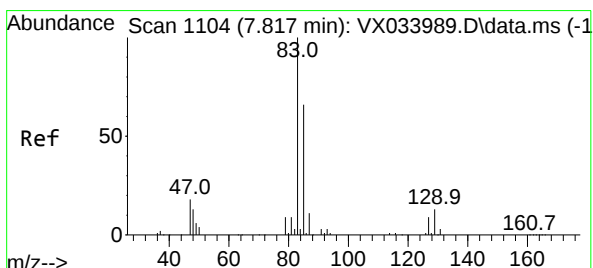
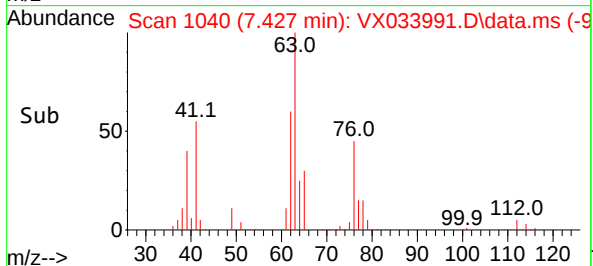
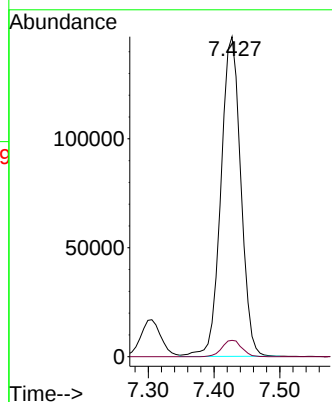
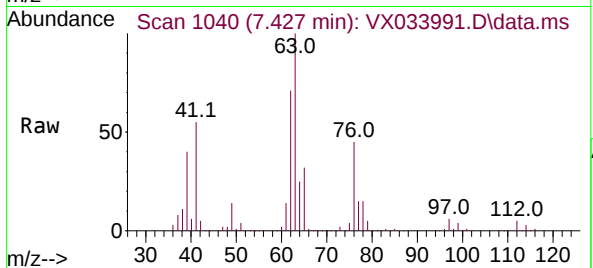
VSTD200617

Tgt Ion: 63 Resp: 309058

Ion Ratio Lower Upper

63 100

112 5.1 4.1 6.1



#38

Bromodichloromethane

Concen: 219.818 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

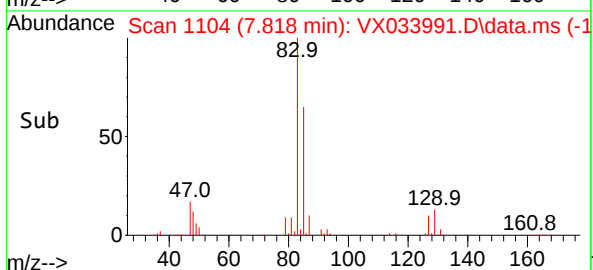
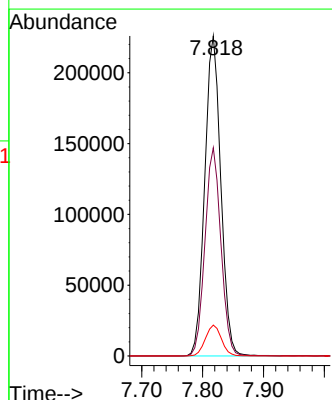
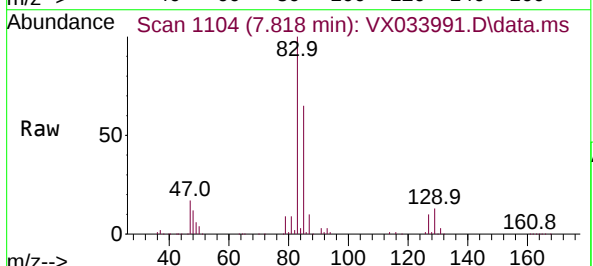
Tgt Ion: 83 Resp: 414152

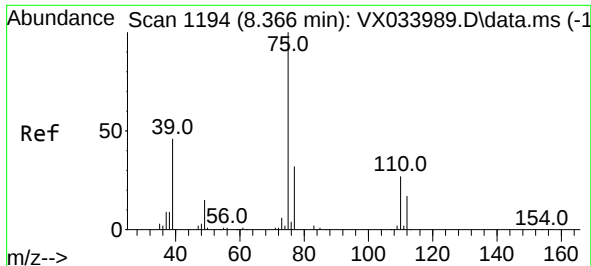
Ion Ratio Lower Upper

83 100

85 65.1 46.3 85.9

127 9.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 231.902 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

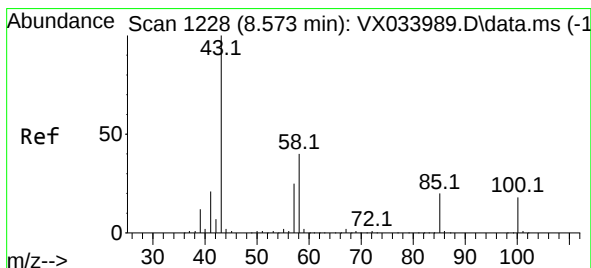
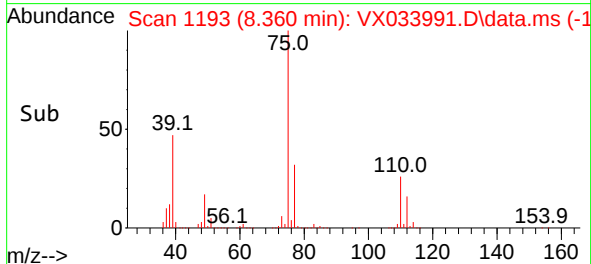
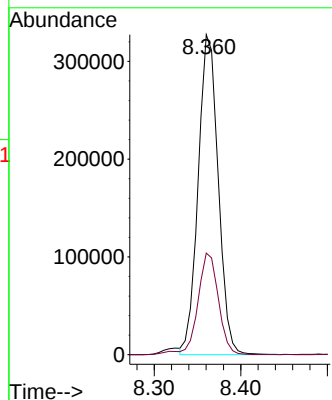
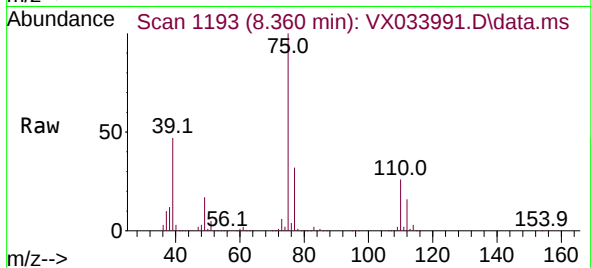
VSTD200617

Tgt Ion: 75 Resp: 527405

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 420.774 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

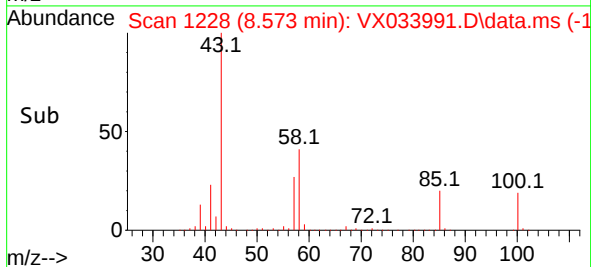
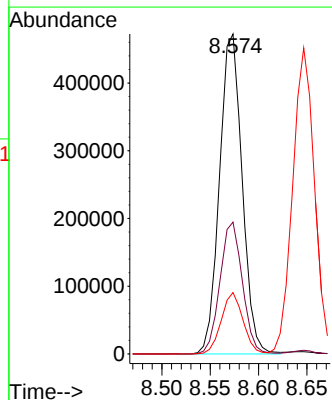
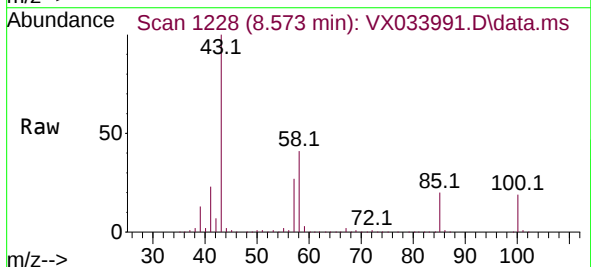
Tgt Ion: 43 Resp: 767247

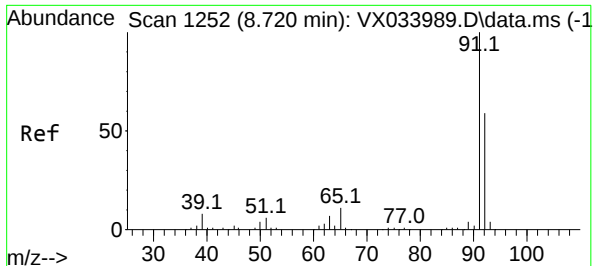
Ion Ratio Lower Upper

43 100

58 40.9 31.9 47.9

100 18.5 14.4 21.6





#42

Toluene

Concen: 206.838 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

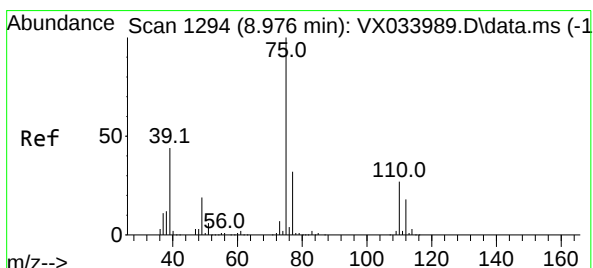
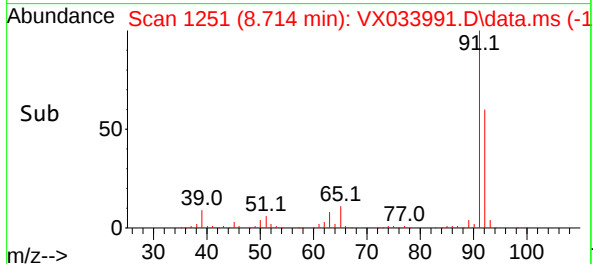
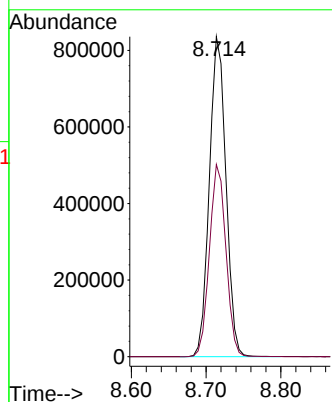
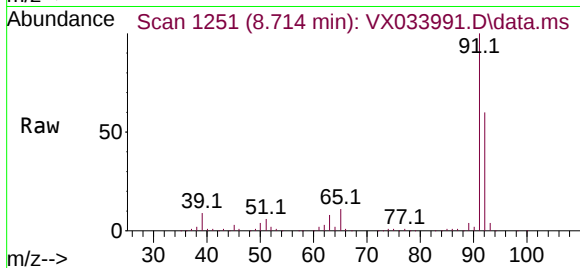
VSTD200617

Tgt Ion: 91 Resp: 1287173

Ion Ratio Lower Upper

91 100

92 60.1 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 235.714 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033991.D

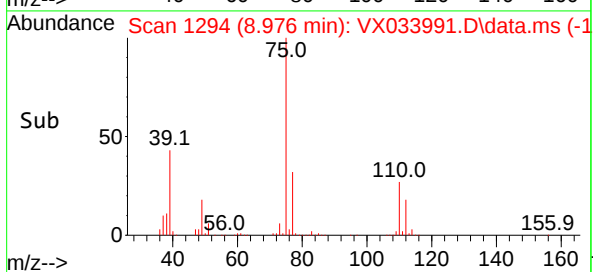
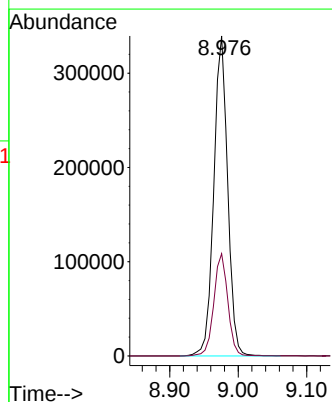
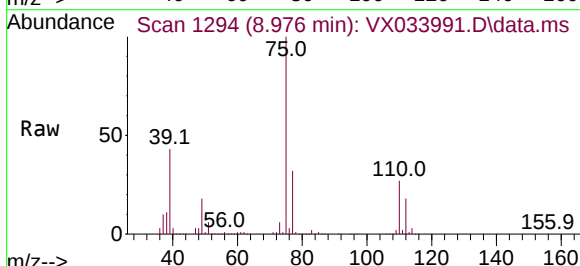
Acq: 02 Feb 2023 15:01

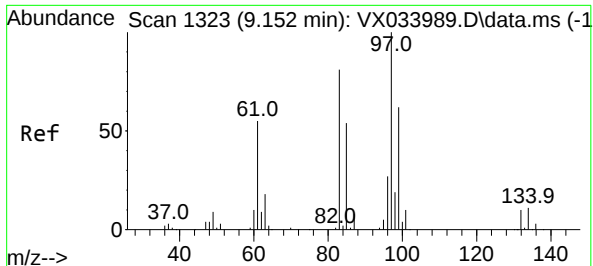
Tgt Ion: 75 Resp: 477027

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 206.017 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTD200617

Tgt Ion: 97 Resp: 309004

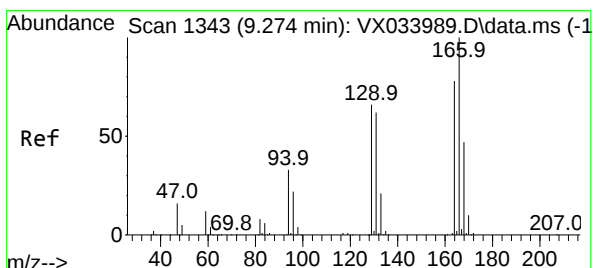
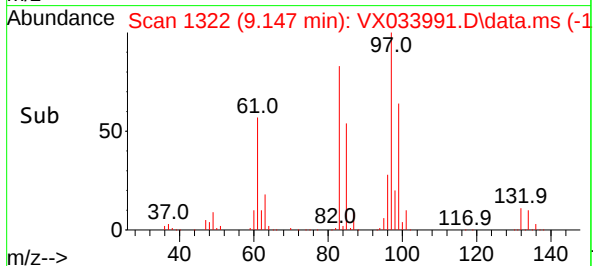
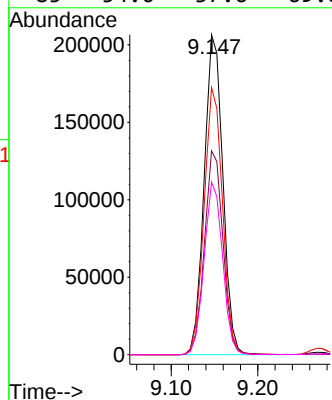
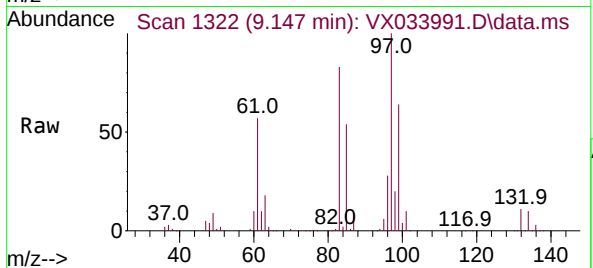
Ion Ratio Lower Upper

97 100

99 63.7 43.5 80.9

83 83.5 56.8 105.4

85 54.0 37.6 69.8



#46

Tetrachloroethene

Concen: 213.970 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Tgt Ion: 164 Resp: 323900

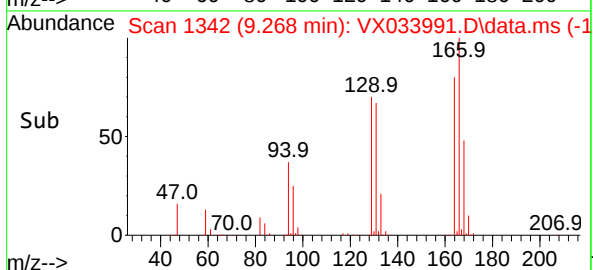
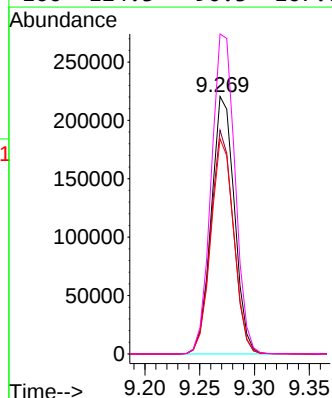
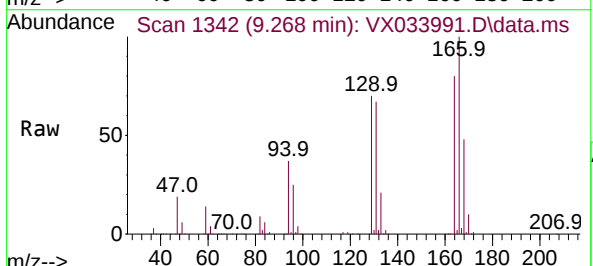
Ion Ratio Lower Upper

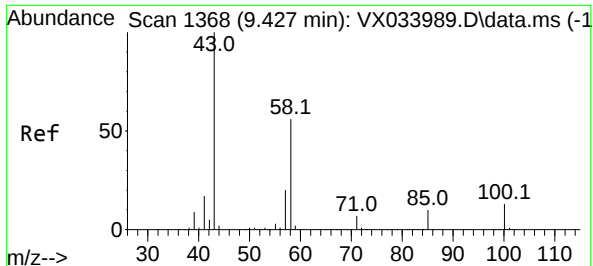
164 100

129 86.9 59.3 110.1

131 83.5 56.1 104.3

166 124.3 90.3 167.7



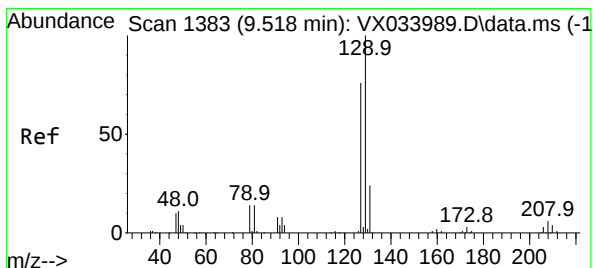
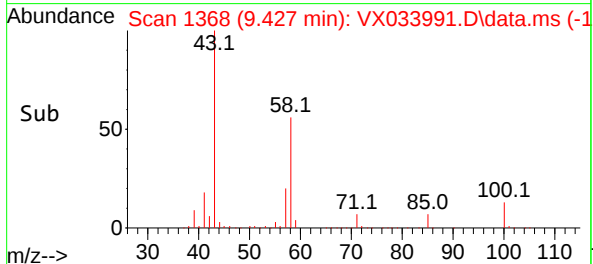
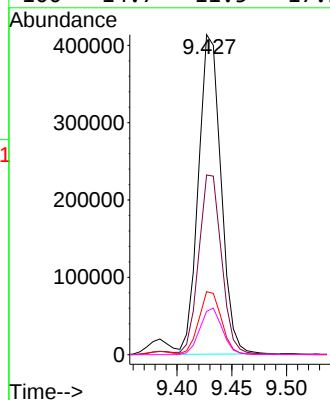
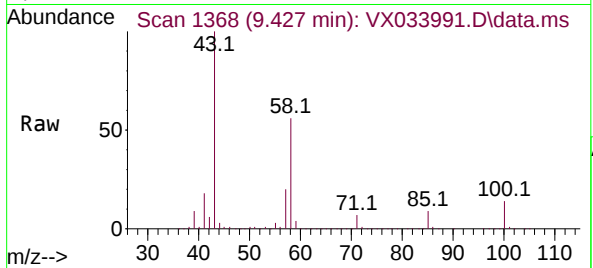


#48
2-Hexanone
Concen: 407.216 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

Tgt Ion: 43 Resp: 591737

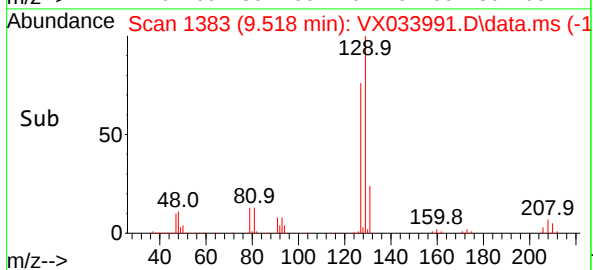
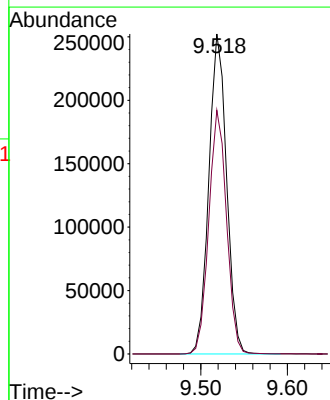
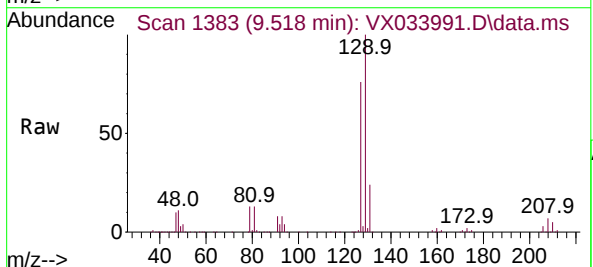
Ion	Ratio	Lower	Upper
43	100		
58	57.6	45.7	68.5
57	20.0	15.8	23.8
100	14.7	11.5	17.3

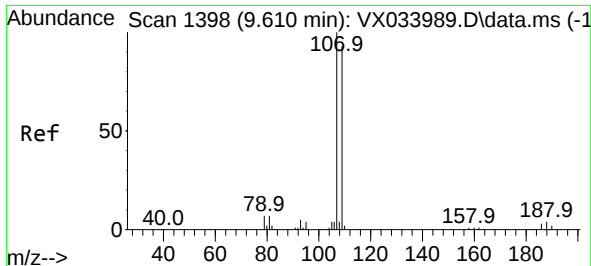


#49
Dibromochloromethane
Concen: 221.830 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion: 129 Resp: 358996

Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.3	98.9





#50

1,2-Dibromoethane

Concen: 212.637 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTD200617

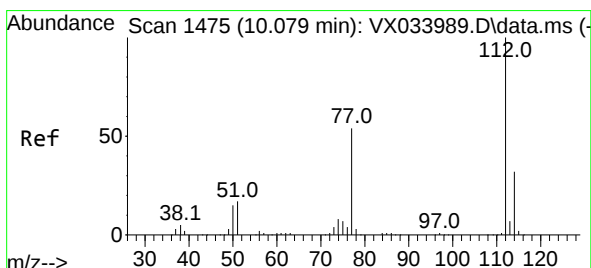
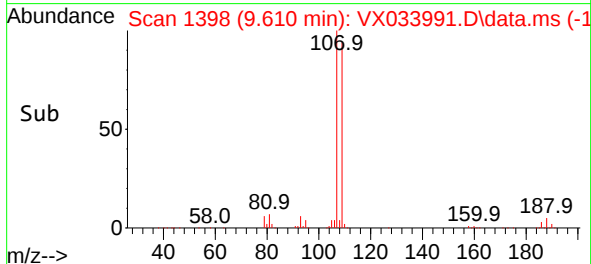
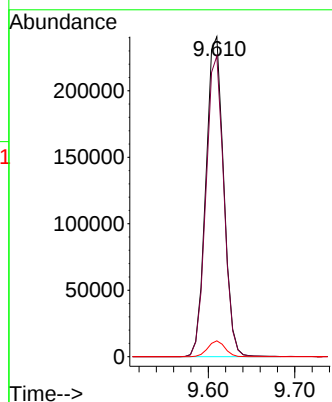
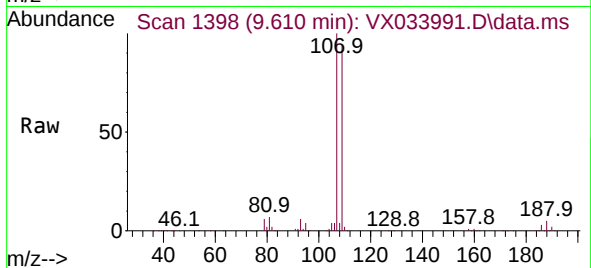
Tgt Ion:107 Resp: 342734

Ion Ratio Lower Upper

107 100

109 93.9 64.9 120.5

188 5.0 3.3 4.9#



#51

Chlorobenzene

Concen: 204.951 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

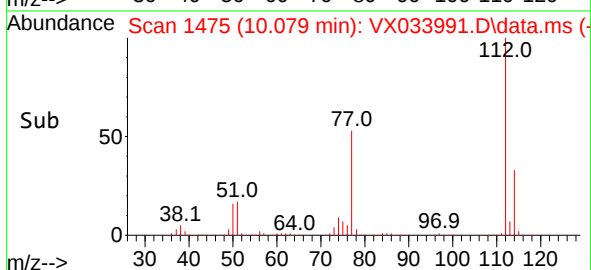
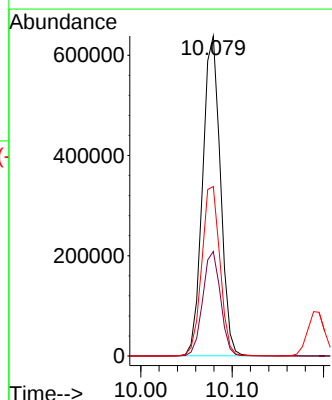
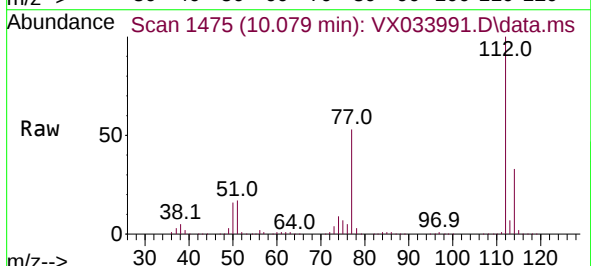
Tgt Ion:112 Resp: 861674

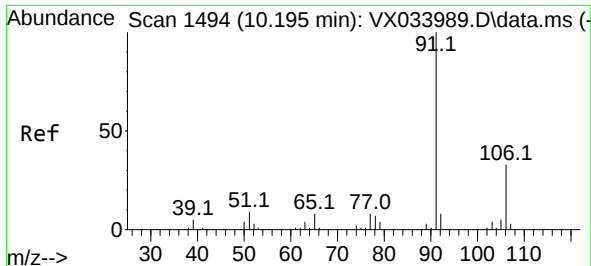
Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.3

77 53.0 43.4 65.0

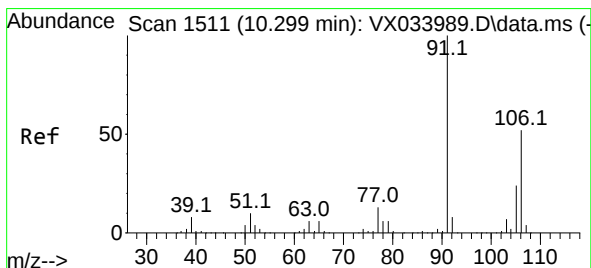
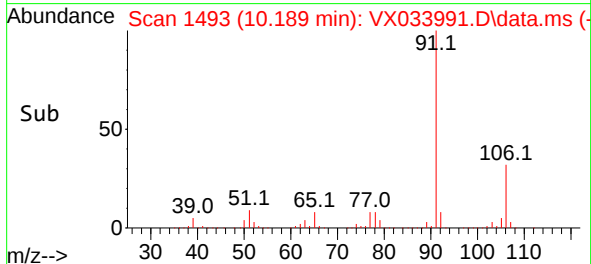
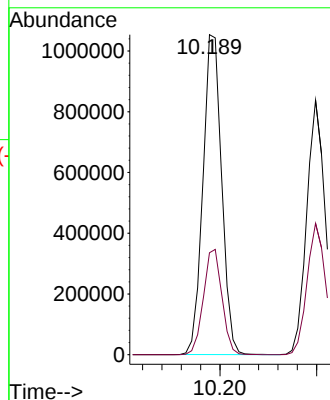
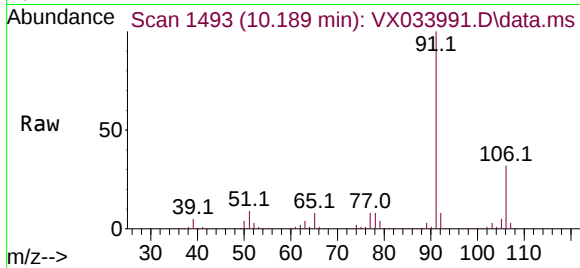




#52
Ethylbenzene
Concen: 207.706 ug/L
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

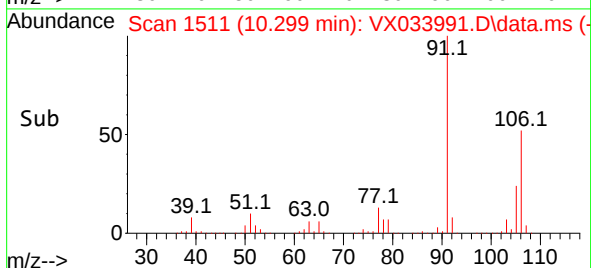
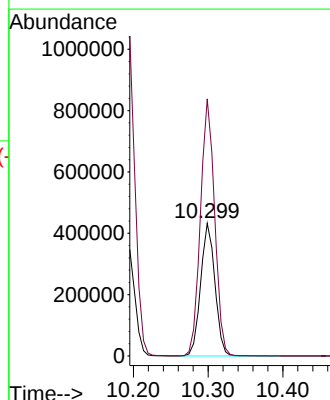
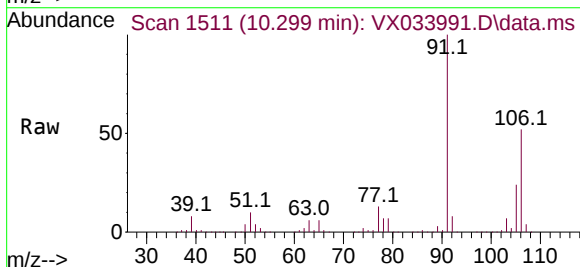
Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

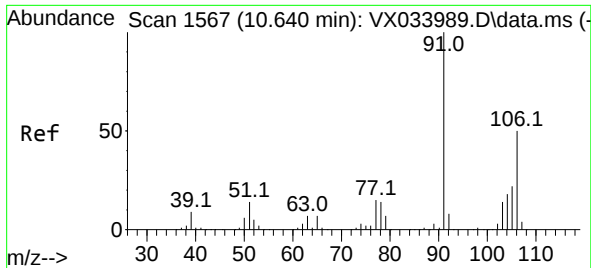
Tgt Ion: 91 Resp: 1420504
Ion Ratio Lower Upper
91 100
106 31.9 23.2 43.0



#53
m,p-Xylene
Concen: 208.117 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion:106 Resp: 571329
Ion Ratio Lower Upper
106 100
91 193.8 135.2 251.0

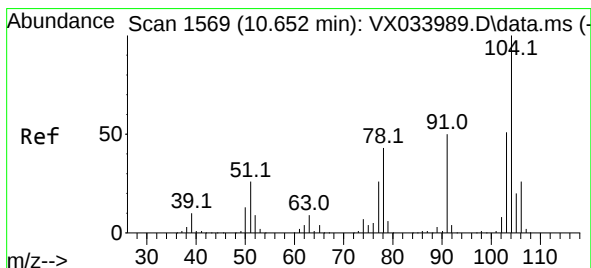
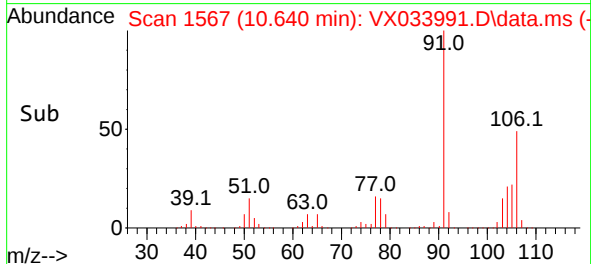
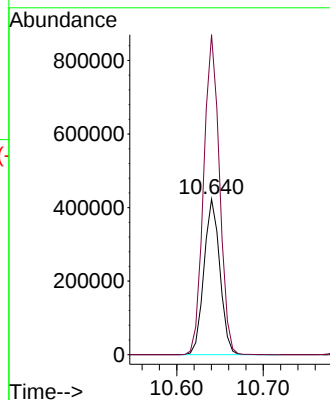
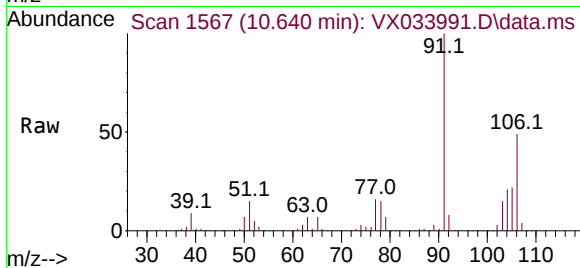




#54
o-Xylene
Concen: 203.359 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

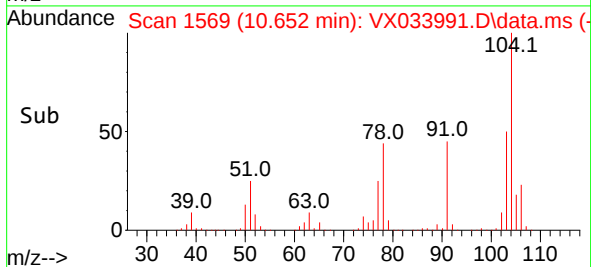
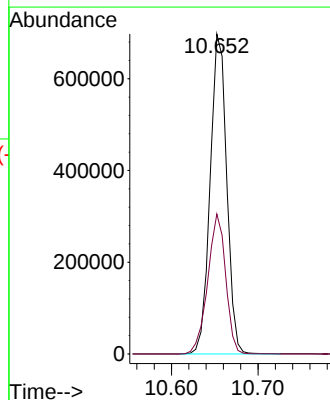
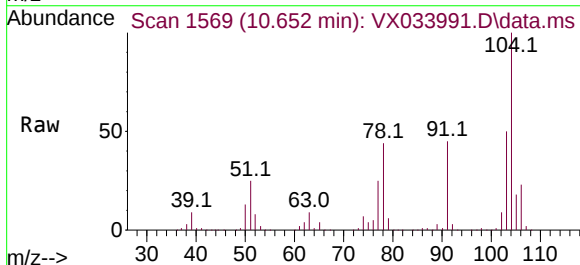
Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

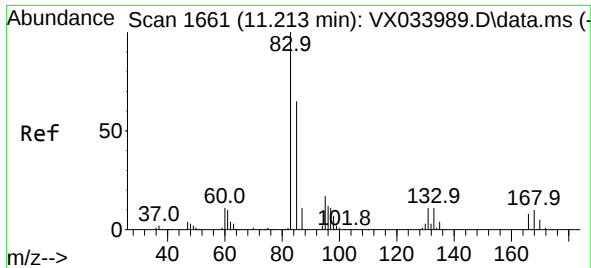
Tgt Ion:106 Resp: 539343
Ion Ratio Lower Upper
106 100
91 205.8 140.2 260.4



#55
Styrene
Concen: 208.172 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion:104 Resp: 926233
Ion Ratio Lower Upper
104 100
78 43.8 30.0 55.8

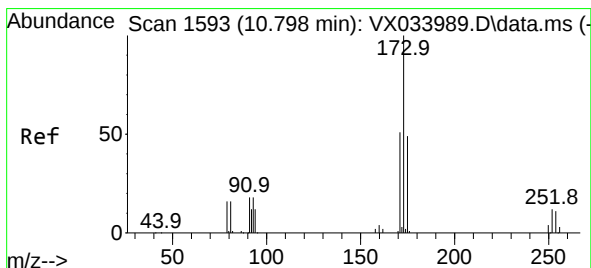
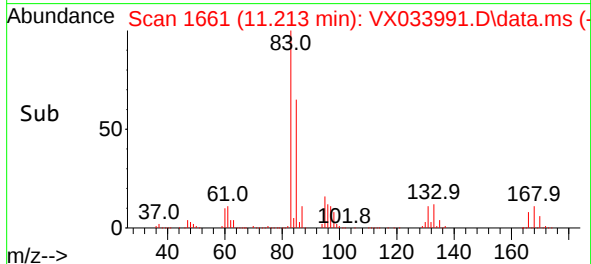
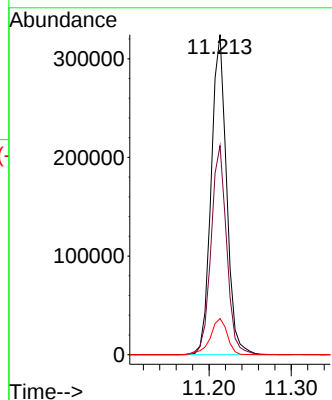
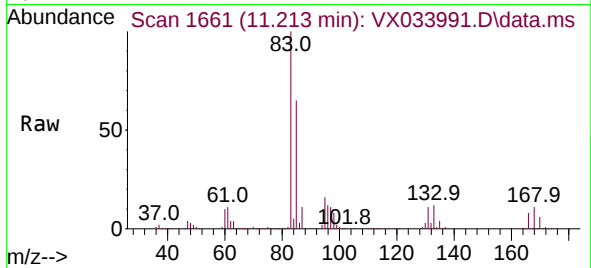




#57
1,1,2,2-Tetrachloroethane
Concen: 199.844 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

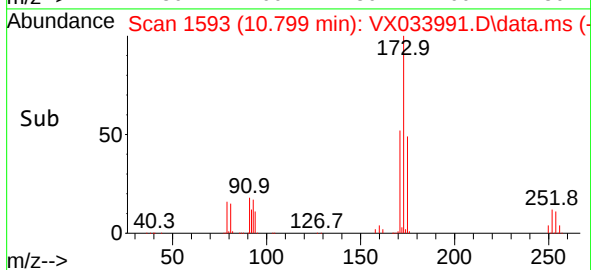
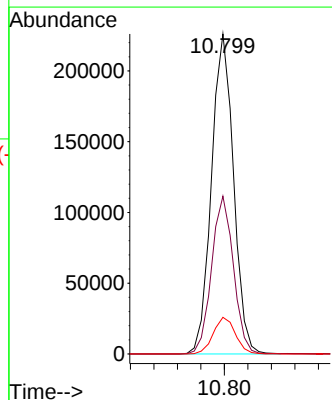
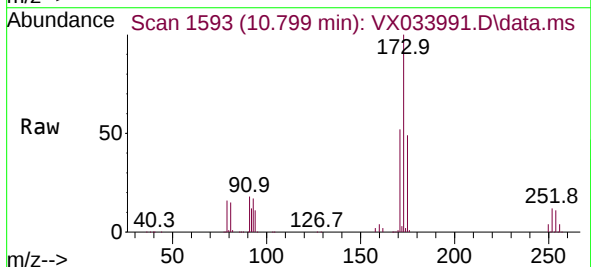
Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

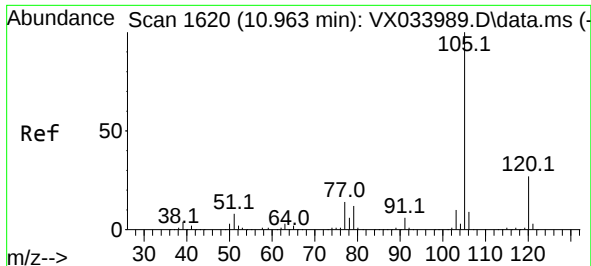
Tgt Ion: 83 Resp: 421387
Ion Ratio Lower Upper
83 100
85 65.3 45.8 85.0
131 11.3 9.1 13.7



#59
Bromoform
Concen: 224.207 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion:173 Resp: 294214
Ion Ratio Lower Upper
173 100
175 49.0 38.3 57.5
254 11.5 9.1 13.7

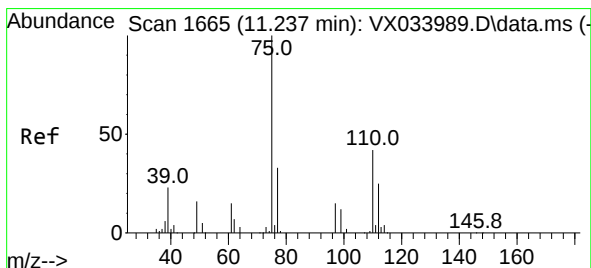
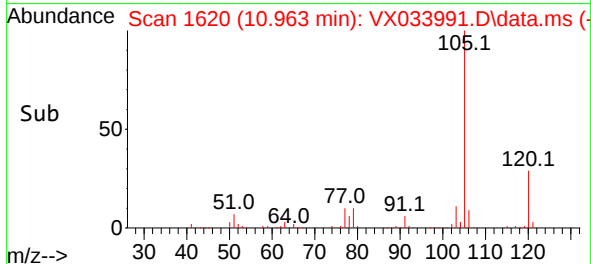
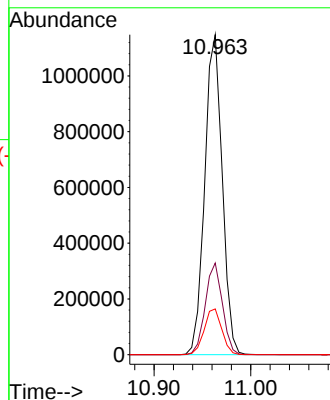
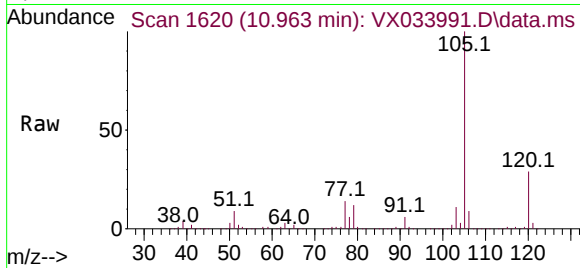




#60
Isopropylbenzene
Concen: 205.458 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

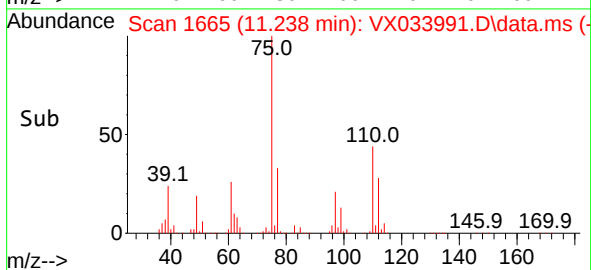
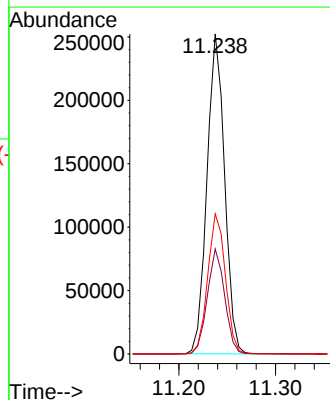
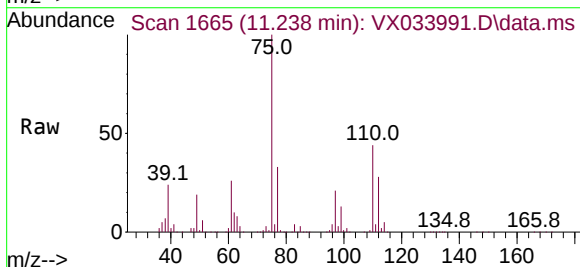
Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

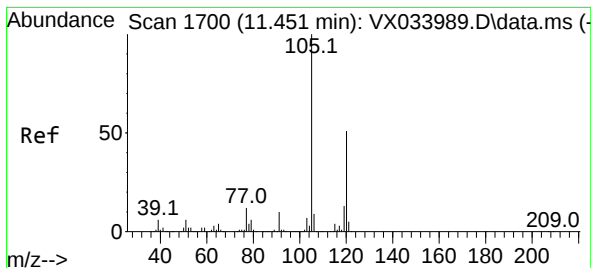
Tgt Ion:105 Resp: 1447320
Ion Ratio Lower Upper
105 100
120 28.0 21.8 32.6
77 14.5 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 195.374 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion: 75 Resp: 319815
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 44.1 34.2 51.4

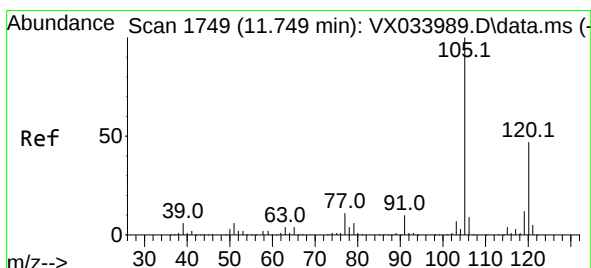
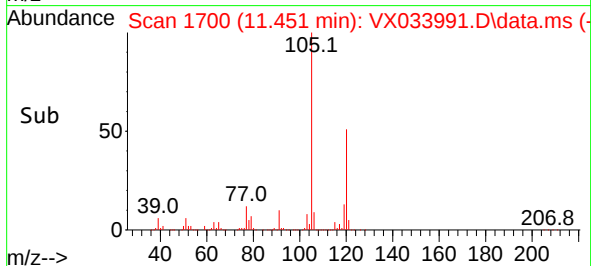
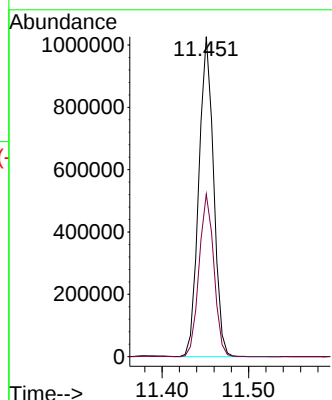
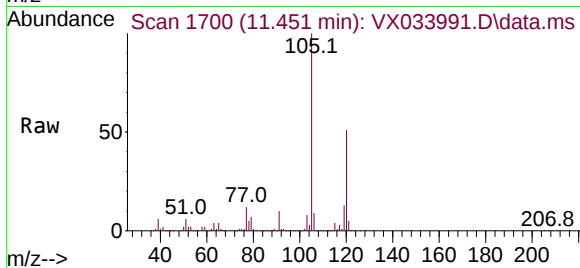




#62
 1,3,5-Trimethylbenzene
 Concen: 210.918 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX033991.D
 Acq: 02 Feb 2023 15:01

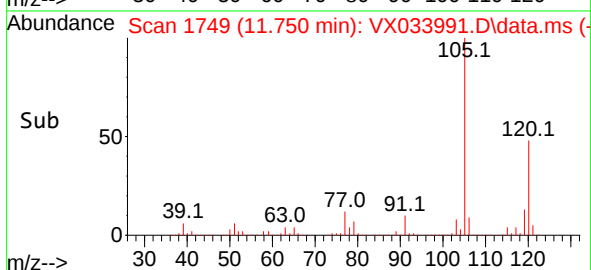
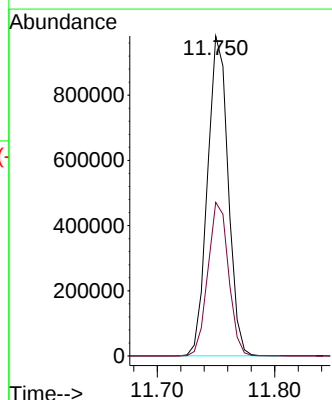
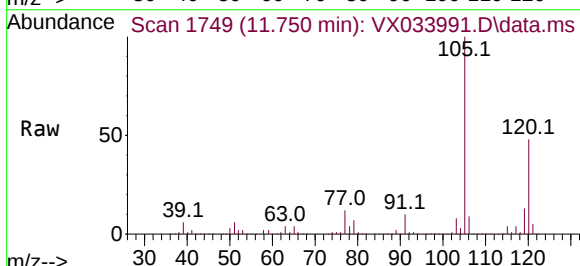
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200617

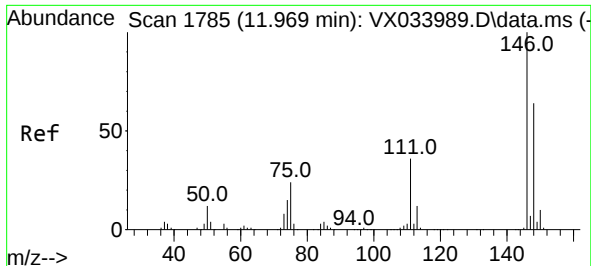
Tgt Ion:105 Resp: 1216140
 Ion Ratio Lower Upper
 105 100
 120 50.9 41.3 61.9



#63
 1,2,4-Trimethylbenzene
 Concen: 210.325 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX033991.D
 Acq: 02 Feb 2023 15:01

Tgt Ion:105 Resp: 1195342
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.5 57.7

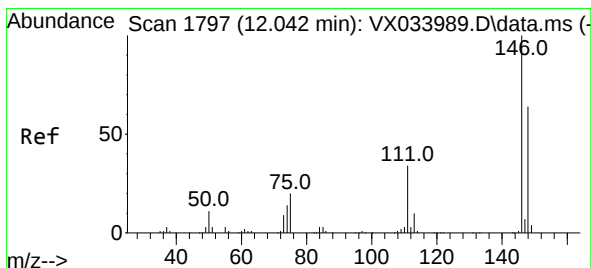
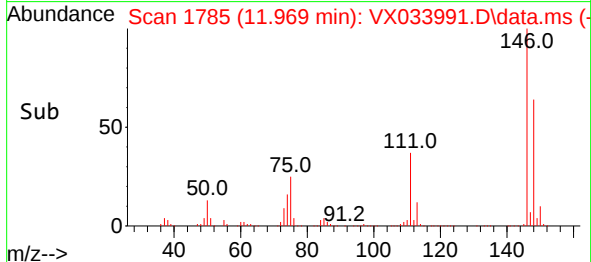
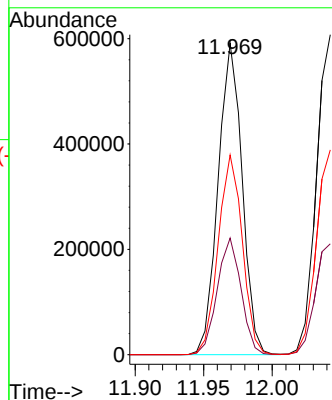
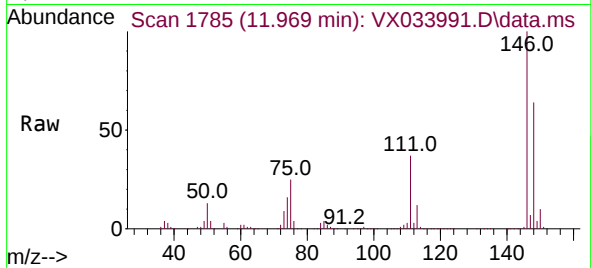




#64
1,3-Dichlorobenzene
Concen: 206.058 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

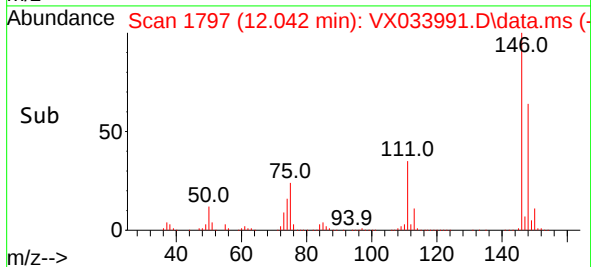
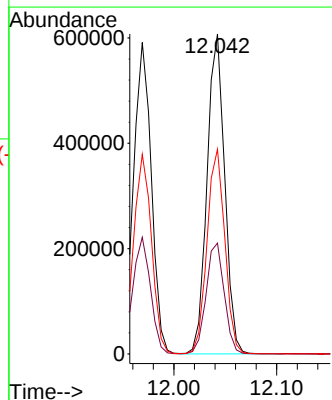
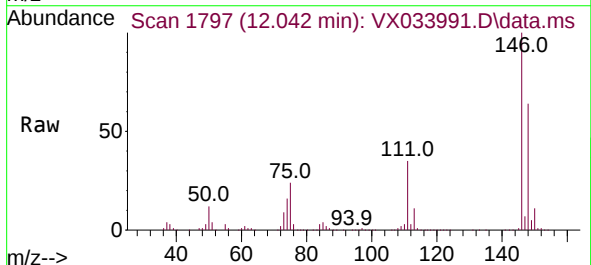
Instrument :
MSVOA_X
ClientSampleId :
VSTD200617

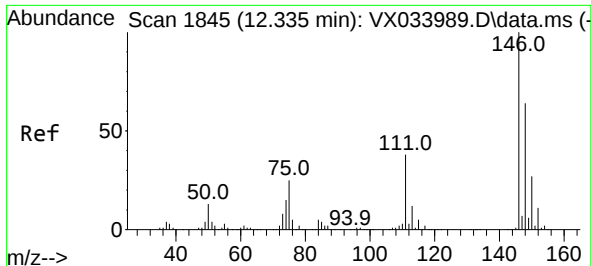
Tgt Ion:146 Resp: 721776
Ion Ratio Lower Upper
146 100
111 37.4 25.5 47.3
148 64.1 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 204.630 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033991.D
Acq: 02 Feb 2023 15:01

Tgt Ion:146 Resp: 725420
Ion Ratio Lower Upper
146 100
111 34.7 23.7 44.1
148 64.0 45.0 83.6

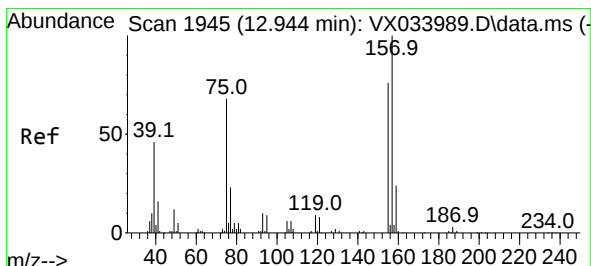
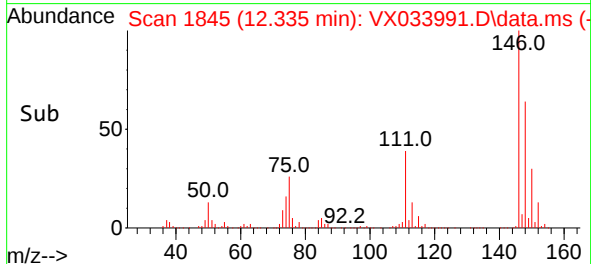
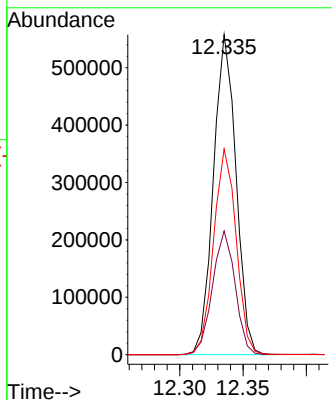
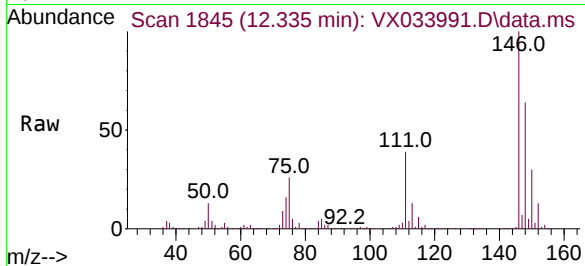




#67
 1,2-Dichlorobenzene
 Concen: 201.488 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX033991.D
 Acq: 02 Feb 2023 15:01

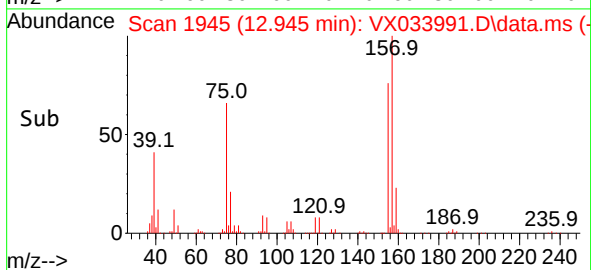
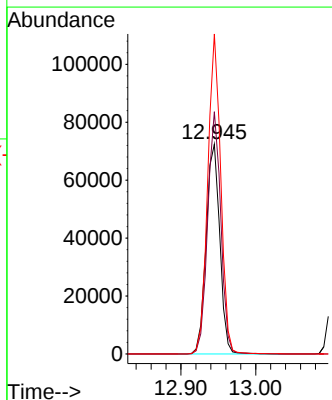
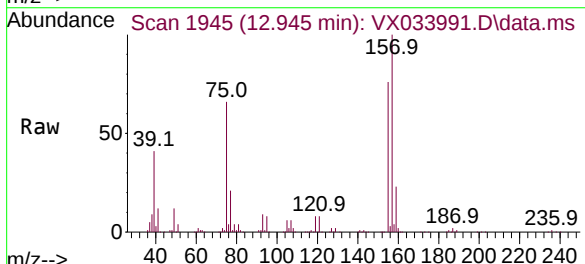
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200617

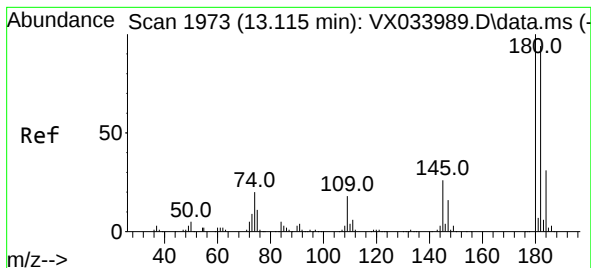
Tgt Ion:146 Resp: 690120
 Ion Ratio Lower Upper
 146 100
 111 38.7 30.4 45.6
 148 64.3 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 228.481 ug/L
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX033991.D
 Acq: 02 Feb 2023 15:01

Tgt Ion: 75 Resp: 91632
 Ion Ratio Lower Upper
 75 100
 155 115.4 89.0 133.6
 157 152.5 116.9 175.3





#69

1,3,5-Trichlorobenzene

Concen: 218.057 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTD200617

Tgt Ion:180 Resp: 576018

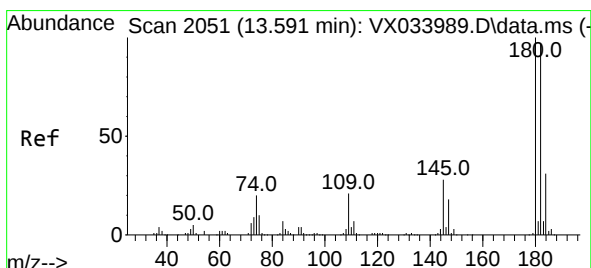
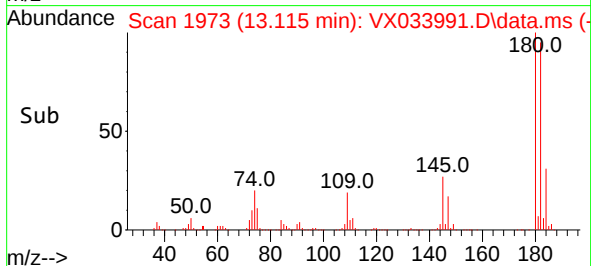
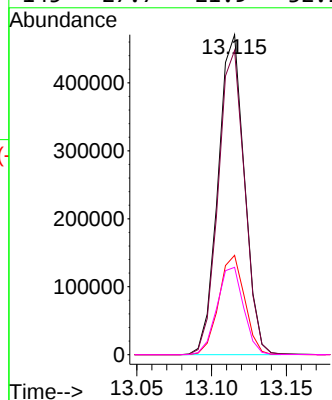
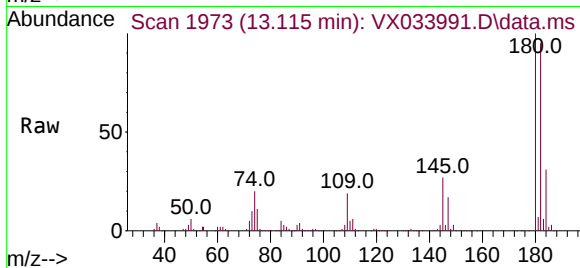
Ion Ratio Lower Upper

180 100

182 95.6 77.3 115.9

184 30.6 24.5 36.7

145 27.7 21.9 32.9



#70

1,2,4-trichlorobenzene

Concen: 227.940 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

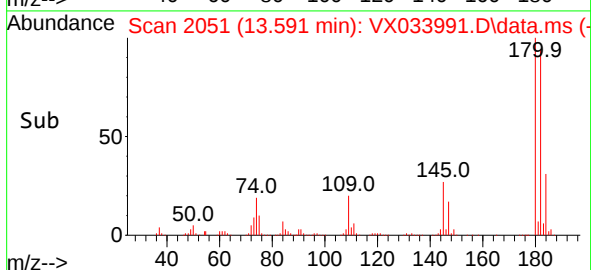
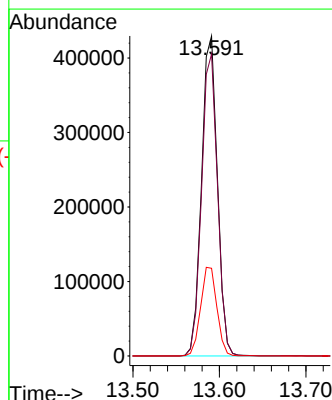
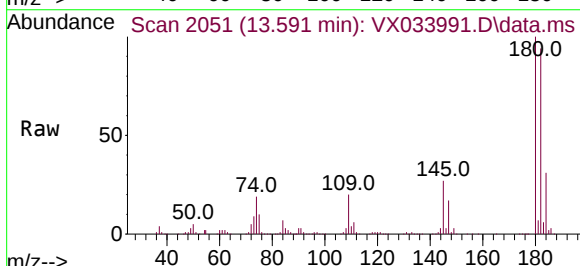
Tgt Ion:180 Resp: 546611

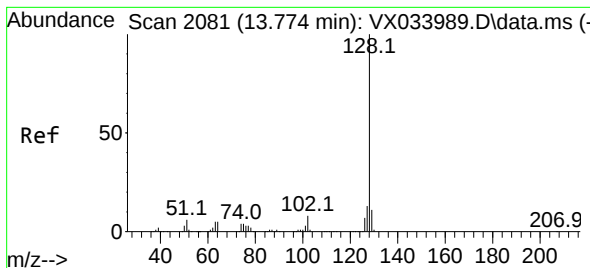
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

145 28.5 22.3 33.5





#71

Naphthalene

Concen: 220.493 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

VSTD200617

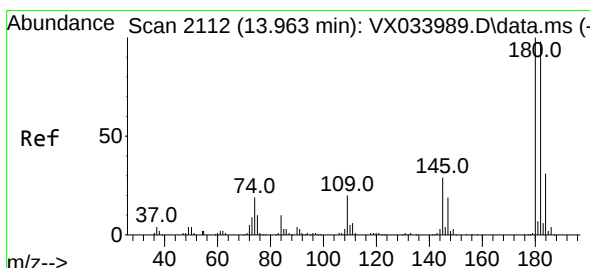
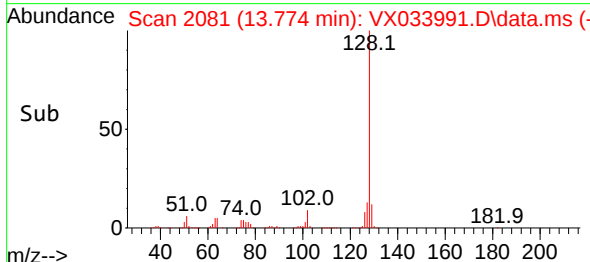
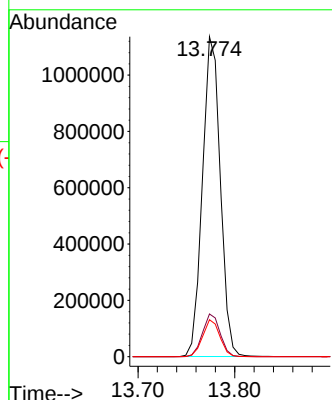
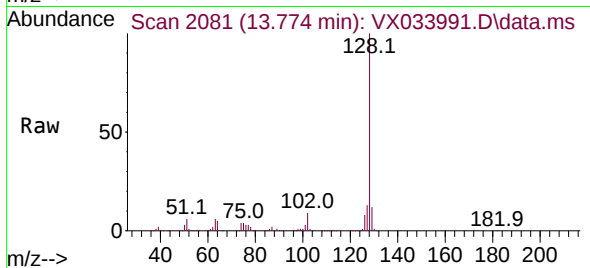
Tgt Ion:128 Resp: 1463841

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.2 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 220.361 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033991.D

Acq: 02 Feb 2023 15:01

Tgt Ion:180 Resp: 521660

Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

145 30.0 23.5 35.3

