

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034141.D
 Acq On : 13 Feb 2023 13:03
 Operator : JC/MD
 Sample : VSTD00524
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005624

Quant Time: Feb 13 13:38:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 12:49:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	180688	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	154087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87568	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	3782	5.140	ug/L	0.00
7) Chloroethane-d5	1.672	69	2593	4.817	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	9477	4.946	ug/L	0.00
21) 2-Butanone-d5	4.452	46	5213	9.018	ug/L	0.00
24) Chloroform-d	5.050	84	5588	2.605	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	7618	5.338	ug/L	0.00
32) Benzene-d6	5.970	84	21409	5.135	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	7015	5.466	ug/L	0.00
41) Toluene-d8	8.647	98	23284	6.144	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	3255	5.499	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	5137	11.213	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	9123	5.367	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	9936	5.696	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	8241	3.893	ug/L	95
3) Chloromethane	1.294	50	3106	3.476	ug/L	93
5) Vinyl chloride	1.374	62	3585	3.788	ug/L	100
6) Bromomethane	1.611	94	2470	3.815	ug/L	90
8) Chloroethane	1.691	64	1816	3.559	ug/L	90
9) Trichlorofluoromethane	1.892	101	6983	3.673	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4847	4.189	ug/L	98
12) 1,1-Dichloroethene	2.319	96	3826	3.761	ug/L #	77
13) Acetone	2.374	43	3639	7.613	ug/L	95
14) Carbon disulfide	2.514	76	11450	3.897	ug/L	99
15) Methyl Acetate	2.703	43	3224	3.173	ug/L	93
16) Methylene chloride	2.794	84	3990	3.506	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	3579	3.193	ug/L	90
18) Methyl tert-butyl Ether	3.111	73	10506	3.000	ug/L	95
19) 1,1-Dichloroethane	3.605	63	6444	3.272	ug/L	91
20) cis-1,2-Dichloroethene	4.477	96	4574	3.571	ug/L	97
22) 2-Butanone	4.562	43	4730	6.562	ug/L	98
23) Bromochloromethane	4.897	128	1613	2.162	ug/L #	73
25) Chloroform	5.080	83	4497	1.939	ug/L	91
27) 1,2-Dichloroethane	6.086	62	7418	3.885	ug/L	99
29) Cyclohexane	5.471	56	5958	3.237	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	7021	3.334	ug/L	97
31) Carbon tetrachloride	5.672	117	6695	3.332	ug/L	100
33) Benzene	6.037	78	17279	3.562	ug/L	100
35) Methylcyclohexane	7.379	83	9162	4.011	ug/L	96
37) 1,2-Dichloropropane	7.427	63	4831	3.781	ug/L #	92
38) Bromodichloromethane	7.824	83	6586	3.742	ug/L #	98
39) cis-1,3-Dichloropropene	8.366	75	7470	3.873	ug/L	89
40) 4-Methyl-2-pentanone	8.574	43	10735	7.602	ug/L	96
42) Toluene	8.714	91	20772	4.222	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	6614	3.783	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	5200	4.157	ug/L	94

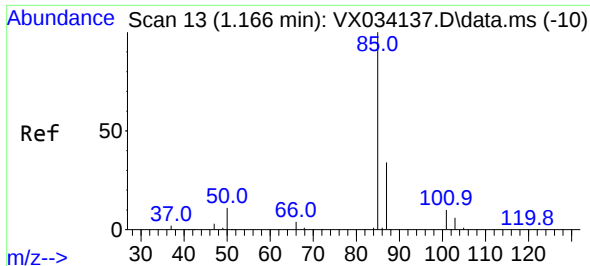
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
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Quant Time: Feb 13 13:38:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 12:49:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	9.269	164	5494	4.186	ug/L	93
48) 2-Hexanone	9.433	43	8475	8.068	ug/L	97
49) Dibromochloromethane	9.519	129	5345	3.594	ug/L	96
50) 1,2-Dibromoethane	9.610	107	5399	3.824	ug/L #	98
51) Chlorobenzene	10.079	112	14827	4.043	ug/L	98
52) Ethylbenzene	10.195	91	23757	3.947	ug/L	96
53) m,p-Xylene	10.299	106	9563	3.956	ug/L	94
54) o-Xylene	10.640	106	9062	3.816	ug/L	96
55) Styrene	10.659	104	14946	3.726	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	7201	3.804	ug/L #	96
59) Bromoform	10.799	173	4197	3.355	ug/L	97
60) Isopropylbenzene	10.963	105	24143	3.870	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	5564	3.905	ug/L	94
62) 1,3,5-Trimethylbenzene	11.451	105	19414	3.733	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	18885	3.773	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	11940	3.816	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	13041	4.136	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	12369	4.061	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	1477	3.741	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.115	180	9292	3.885	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	8190	3.805	ug/L	97
71) Naphthalene	13.774	128	21422	3.703	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	8468	4.031	ug/L	99

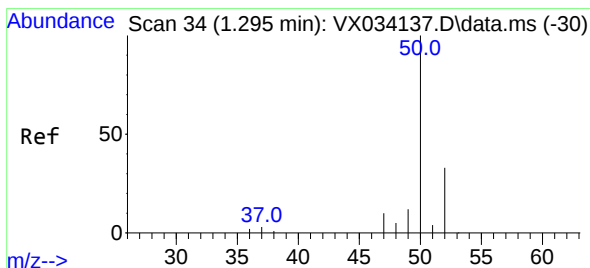
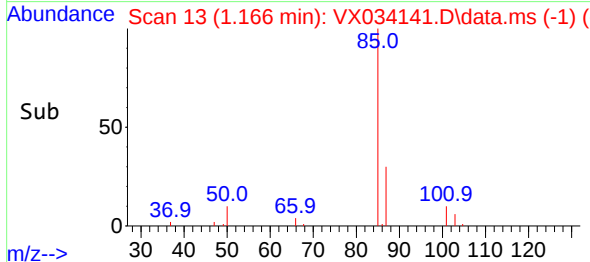
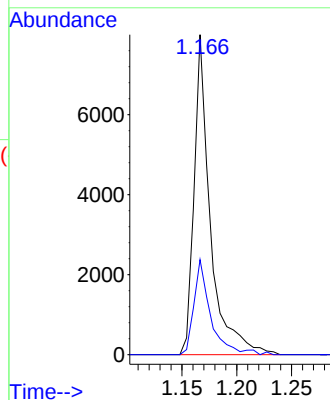
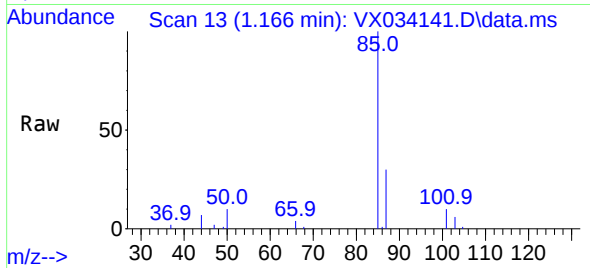
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.893 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034141.D
 Acq: 13 Feb 2023 13:03

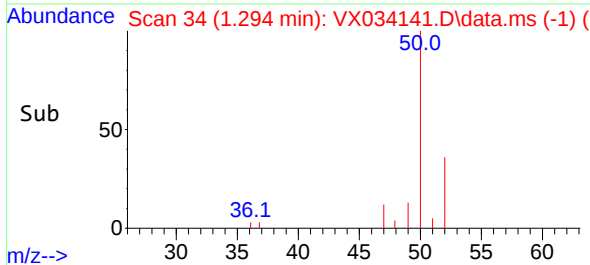
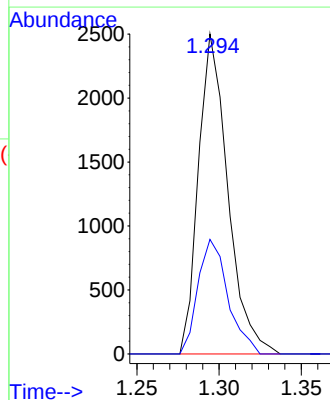
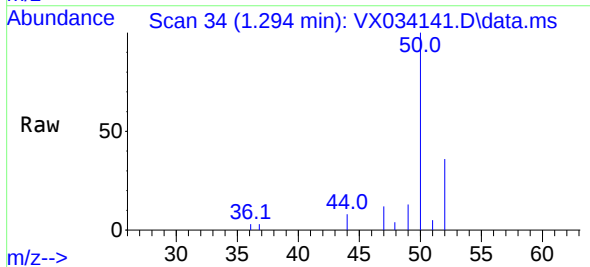
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005624

Tgt Ion: 85 Resp: 8241
 Ion Ratio Lower Upper
 85 100
 87 29.6 25.9 38.9

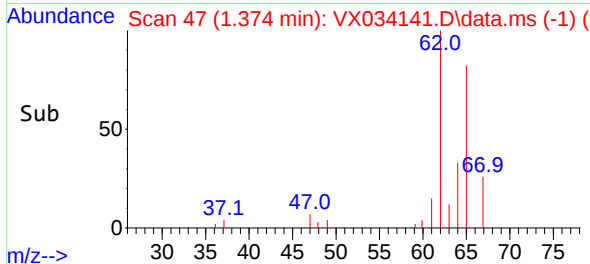
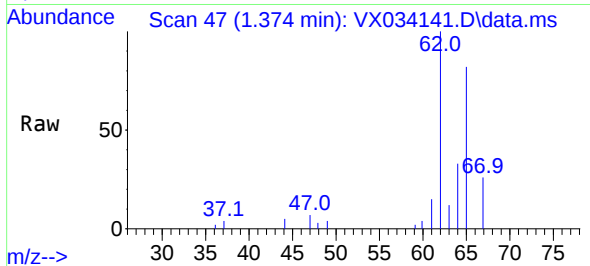
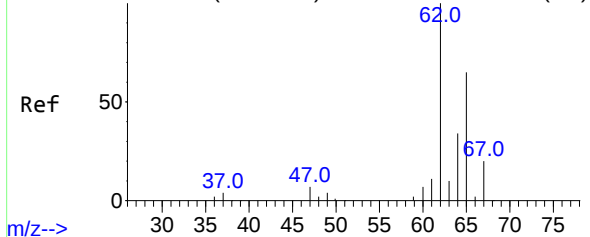


#3
 Chloromethane
 Concen: 3.476 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX034141.D
 Acq: 13 Feb 2023 13:03

Tgt Ion: 50 Resp: 3106
 Ion Ratio Lower Upper
 50 100
 52 35.8 22.5 41.7



Abundance Scan 47 (1.374 min): VX034137.D\data.ms (-43)



#5

Vinyl chloride

Concen: 3.788 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

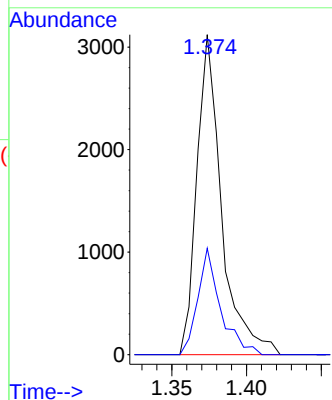
VSTD005624

Tgt Ion: 62 Resp: 3585

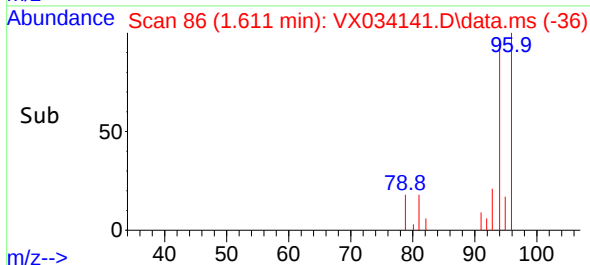
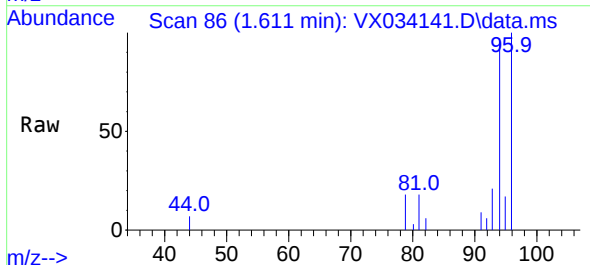
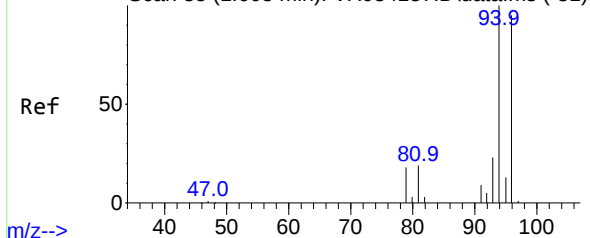
Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.0



Abundance Scan 85 (1.605 min): VX034137.D\data.ms (-81)



#6

Bromomethane

Concen: 3.815 ug/L

RT: 1.611 min Scan# 86

Delta R.T. 0.006 min

Lab File: VX034141.D

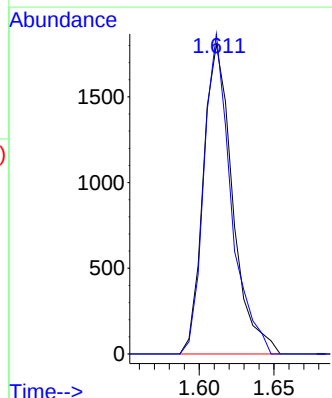
Acq: 13 Feb 2023 13:03

Tgt Ion: 94 Resp: 2470

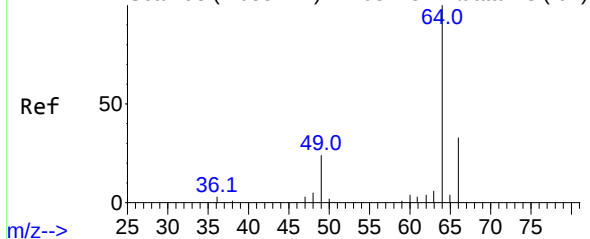
Ion Ratio Lower Upper

94 100

96 103.4 65.7 122.1



Abundance Scan 98 (1.685 min): VX034137.D\data.ms (-94)



#8

Chloroethane

Concen: 3.559 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005624

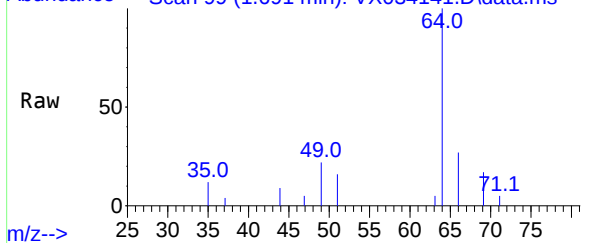
Tgt Ion: 64 Resp: 1816

Ion Ratio Lower Upper

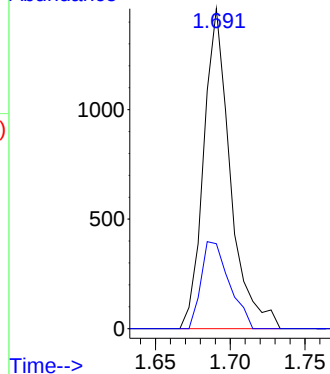
64 100

66 26.6 22.5 41.9

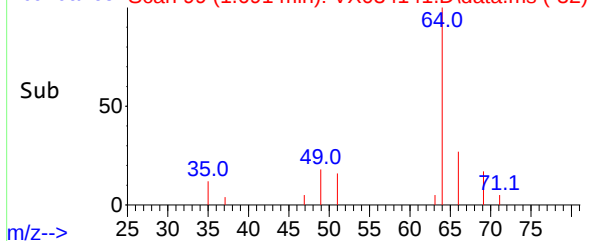
Abundance Scan 99 (1.691 min): VX034141.D\data.ms



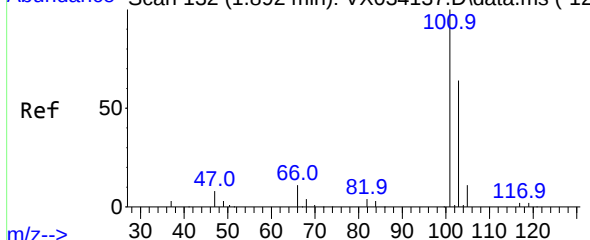
Abundance



Abundance Scan 99 (1.691 min): VX034141.D\data.ms (-32)



Abundance Scan 132 (1.892 min): VX034137.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 3.673 ug/L

RT: 1.892 min Scan# 132

Delta R.T. -0.000 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

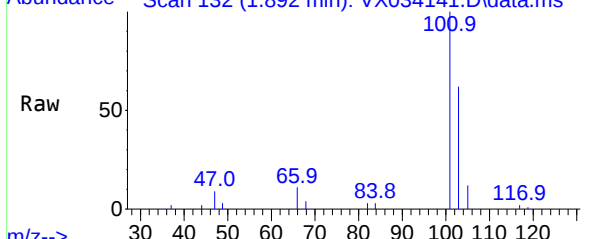
Tgt Ion:101 Resp: 6983

Ion Ratio Lower Upper

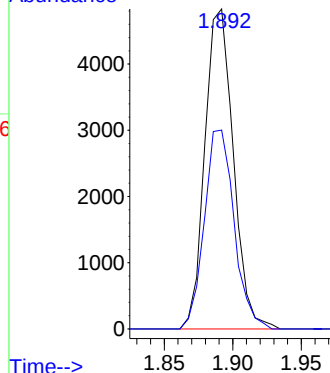
101 100

103 65.0 52.6 78.8

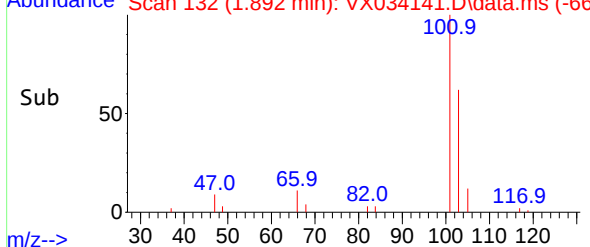
Abundance Scan 132 (1.892 min): VX034141.D\data.ms

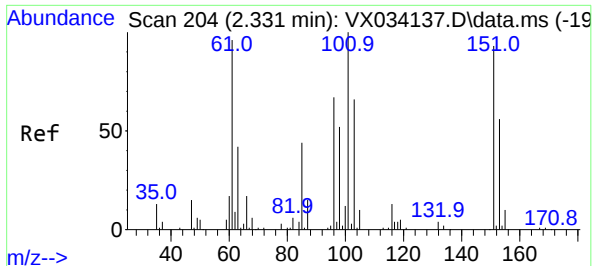


Abundance



Abundance Scan 132 (1.892 min): VX034141.D\data.ms (-66)

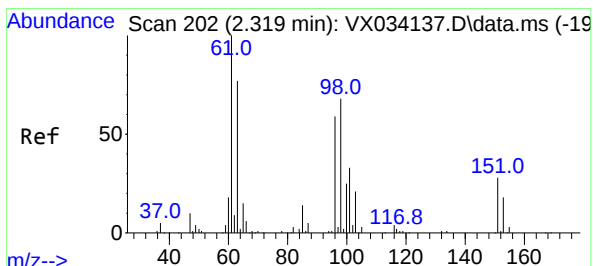
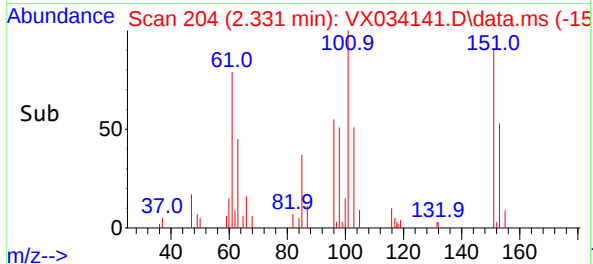
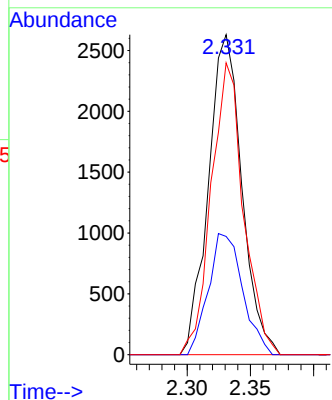
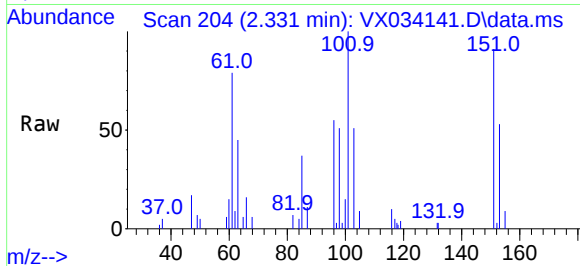




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.189 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

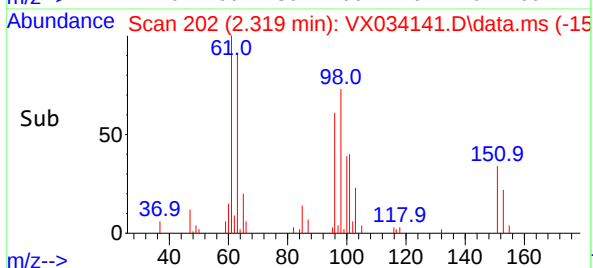
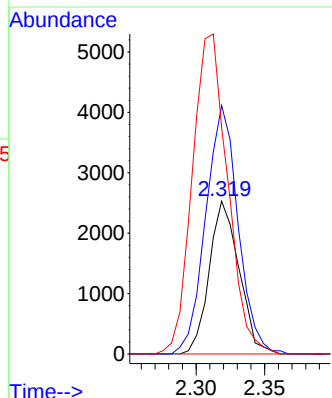
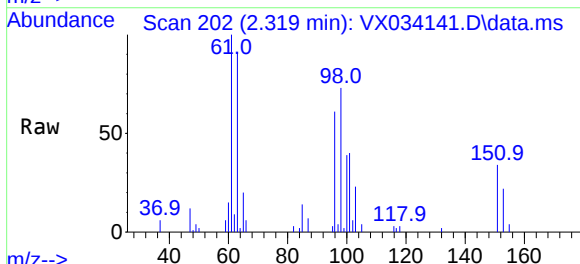
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

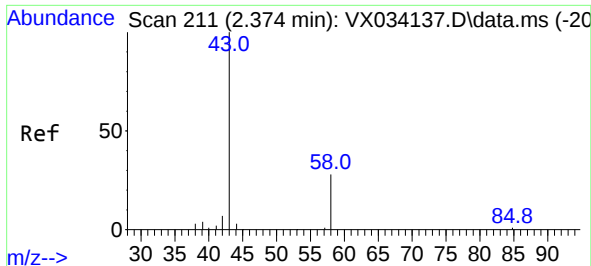
Tgt Ion:101 Resp: 4847
Ion Ratio Lower Upper
101 100
85 38.7 32.2 48.4
151 87.5 69.3 103.9



#12
1,1-Dichloroethene
Concen: 3.761 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 96 Resp: 3826
Ion Ratio Lower Upper
96 100
61 162.7 107.6 199.8
63 148.2 69.6 129.2#





#13

Acetone

Concen: 7.613 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

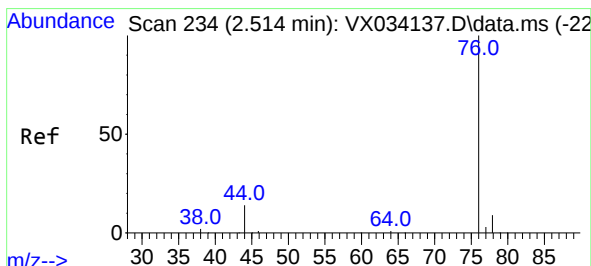
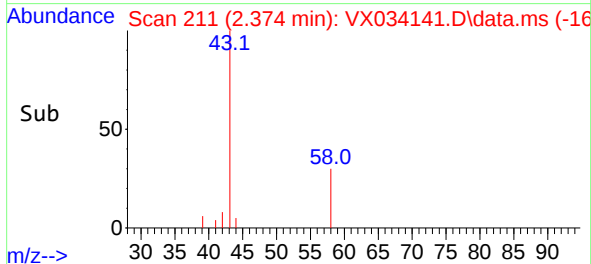
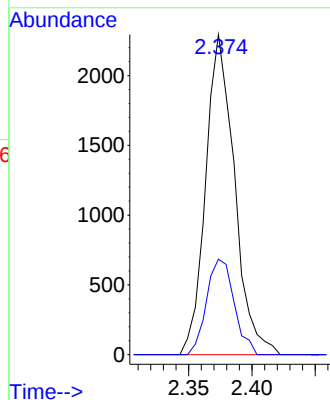
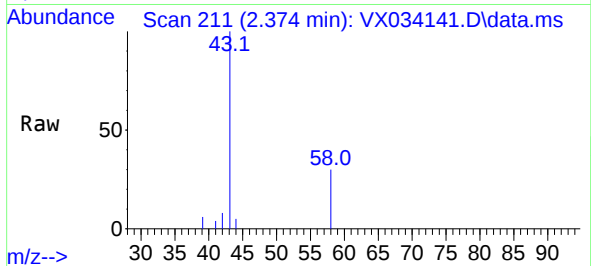
VSTD005624

Tgt Ion: 43 Resp: 3639

Ion Ratio Lower Upper

43 100

58 28.5 0.0 62.8



#14

Carbon disulfide

Concen: 3.897 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034141.D

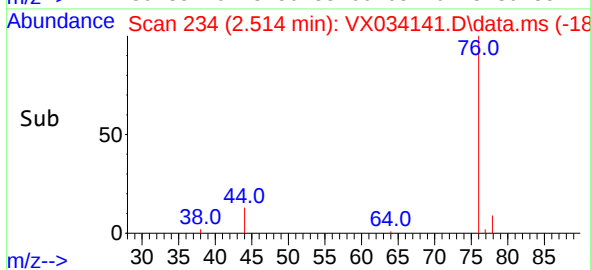
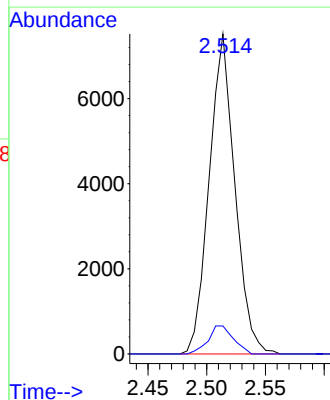
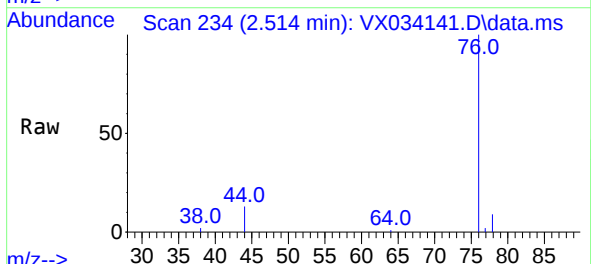
Acq: 13 Feb 2023 13:03

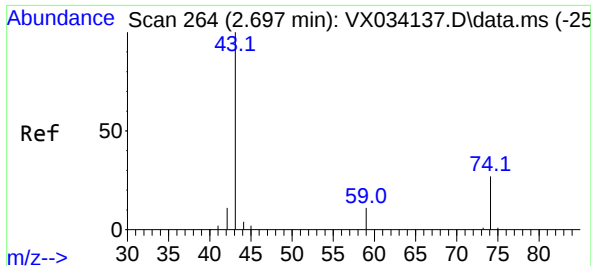
Tgt Ion: 76 Resp: 11450

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

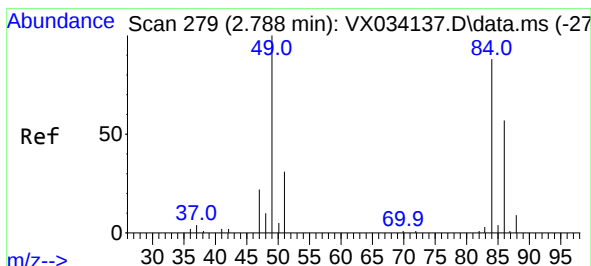
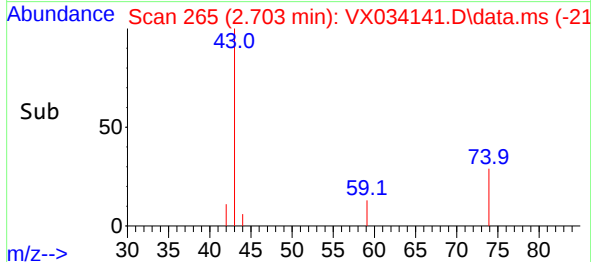
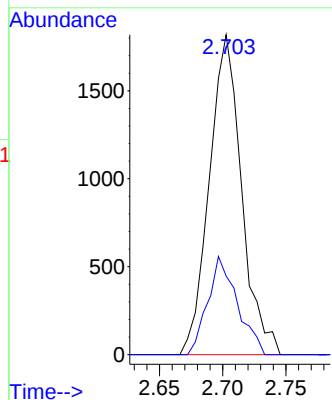
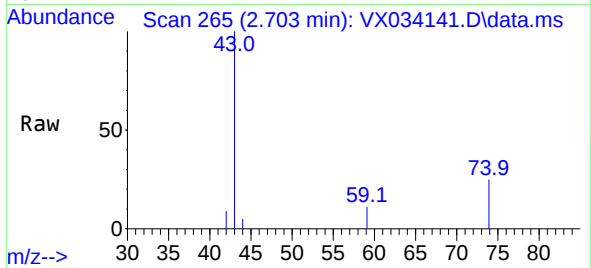




#15
Methyl Acetate
Concen: 3.173 ug/L
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

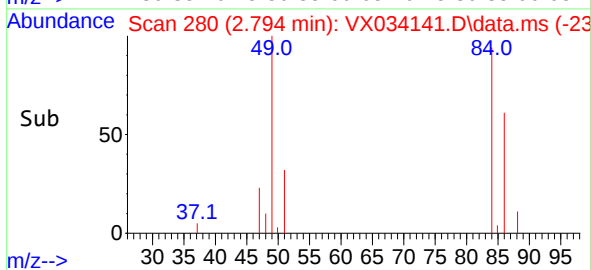
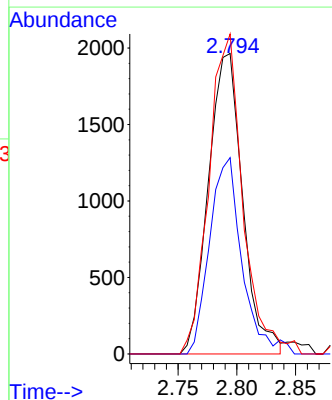
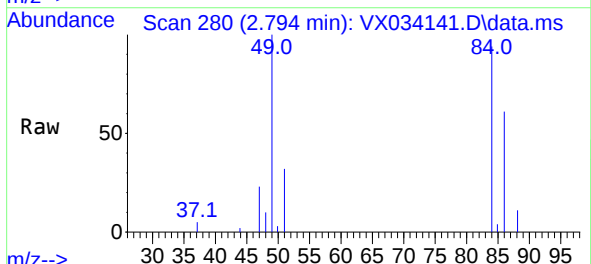
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

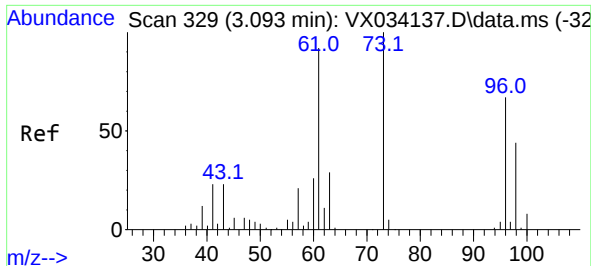
Tgt Ion: 43 Resp: 3224
Ion Ratio Lower Upper
43 100
74 28.1 19.7 29.5



#16
Methylene chloride
Concen: 3.506 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 84 Resp: 3990
Ion Ratio Lower Upper
84 100
86 65.3 45.2 84.0
49 106.5 82.5 153.1

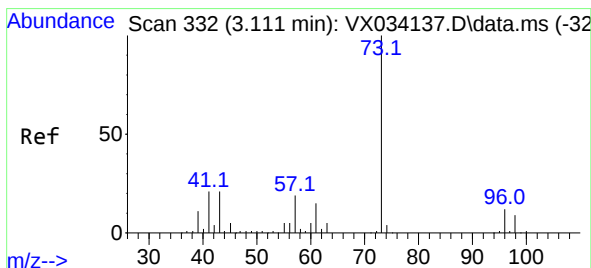
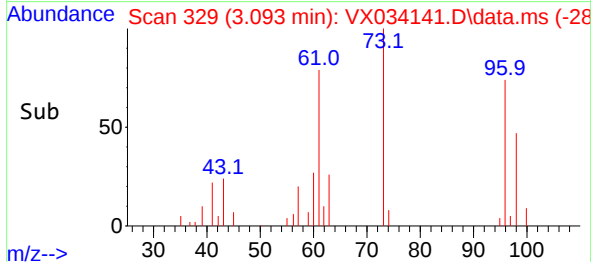
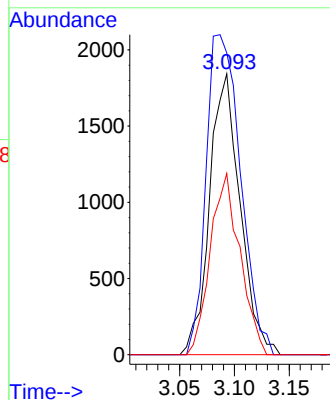
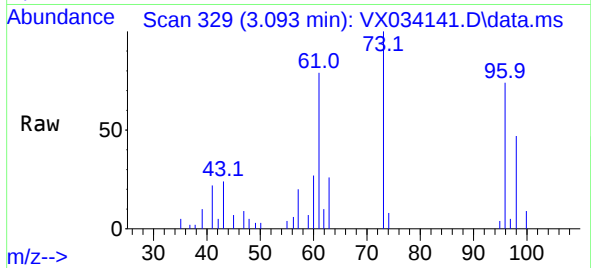




#17
trans-1,2-Dichloroethene
Concen: 3.193 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

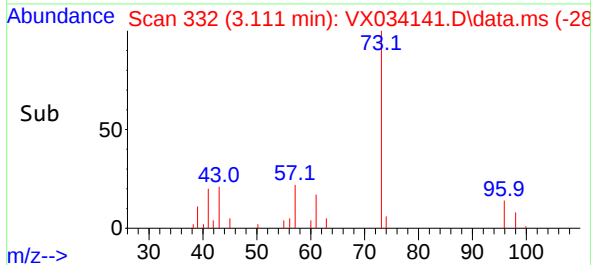
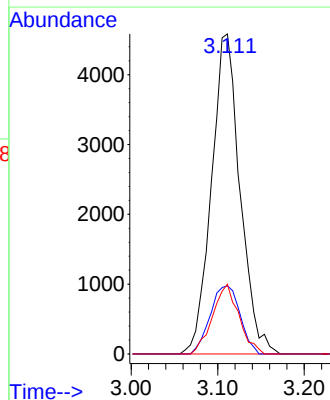
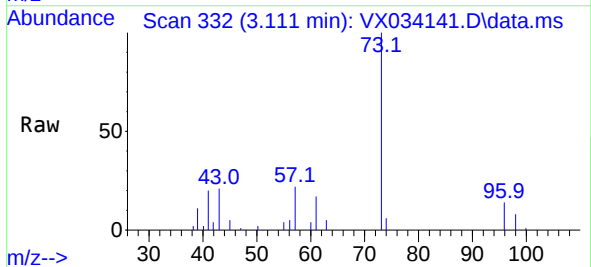
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

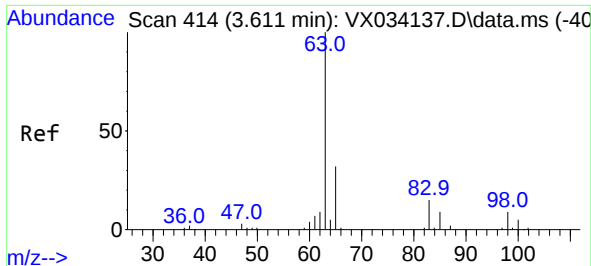
Tgt Ion: 96 Resp: 3579
Ion Ratio Lower Upper
96 100
61 107.4 87.7 162.9
98 64.5 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 3.000 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 73 Resp: 10506
Ion Ratio Lower Upper
73 100
43 22.1 15.6 23.4
57 20.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 3.272 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005624

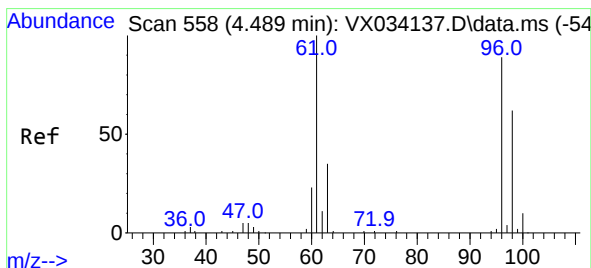
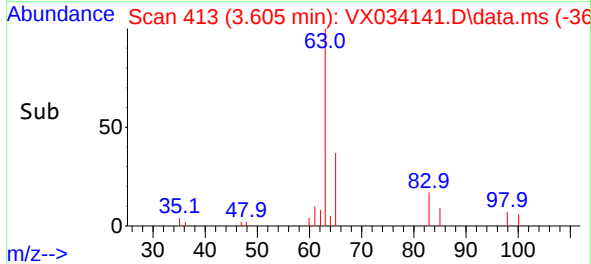
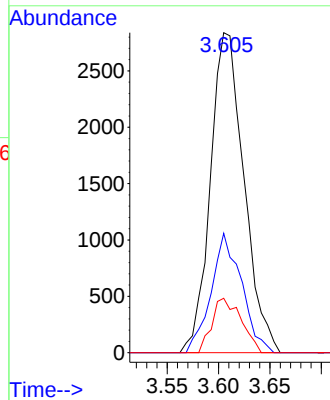
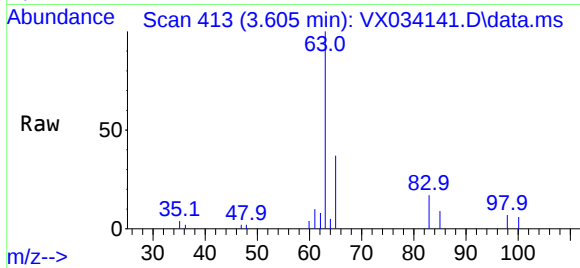
Tgt Ion: 63 Resp: 6444

Ion Ratio Lower Upper

63 100

65 37.3 21.9 40.7

83 17.0 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 3.571 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.012 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

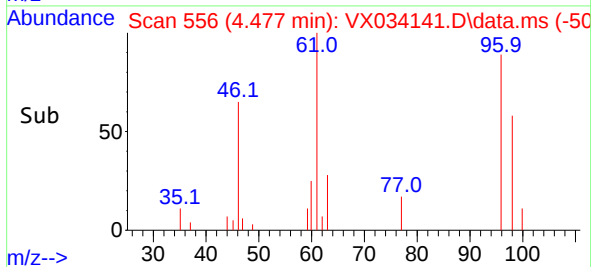
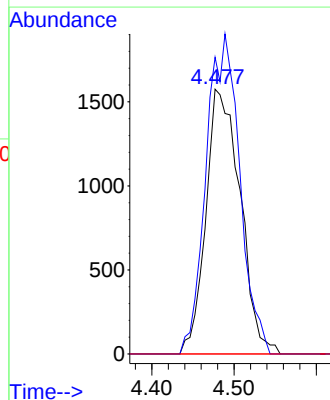
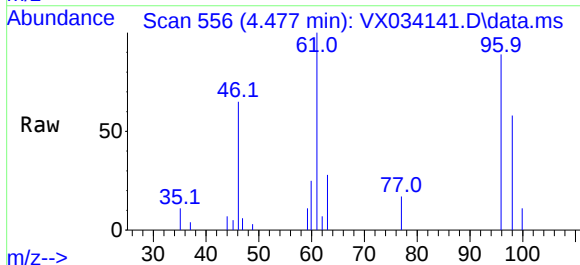
Tgt Ion: 96 Resp: 4574

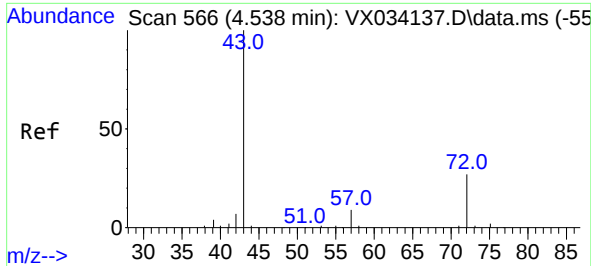
Ion Ratio Lower Upper

96 100

61 112.0 80.3 149.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 6.562 ug/L

RT: 4.562 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

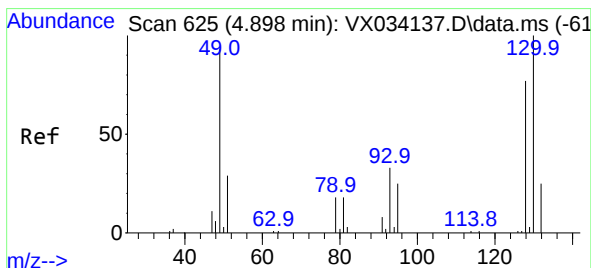
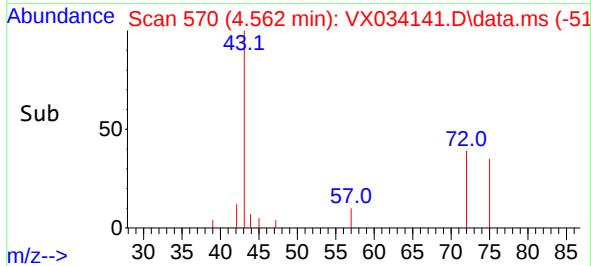
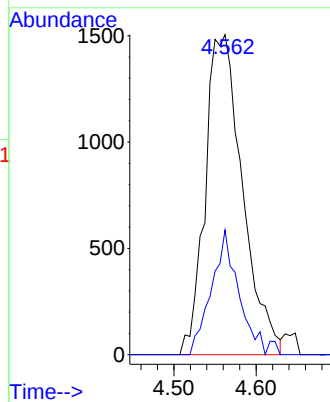
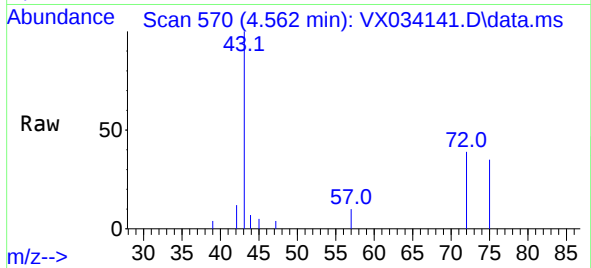
VSTD005624

Tgt Ion: 43 Resp: 4730

Ion Ratio Lower Upper

43 100

72 27.4 13.2 39.6



#23

Bromochloromethane

Concen: 2.162 ug/L

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Tgt Ion: 128 Resp: 1613

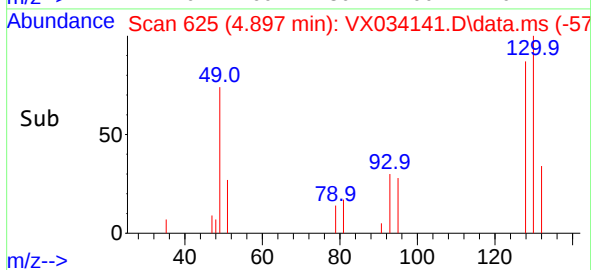
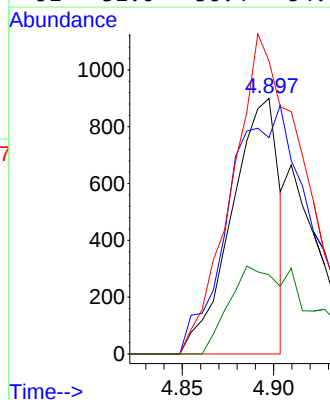
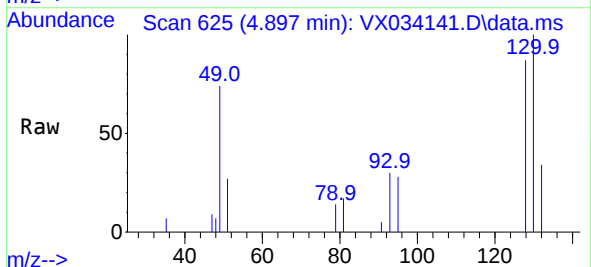
Ion Ratio Lower Upper

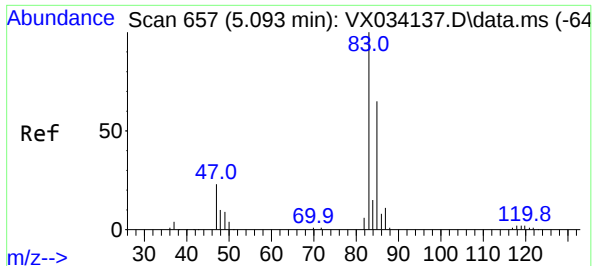
128 100

49 84.7 94.7 175.9#

130 114.7 91.3 169.6

51 31.0 36.4 54.6#





#25

Chloroform

Concen: 1.939 ug/L

RT: 5.080 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

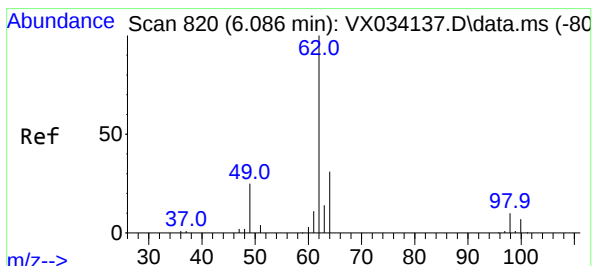
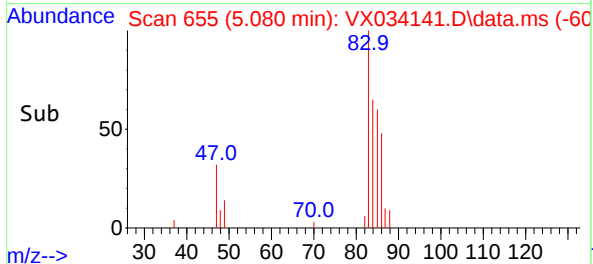
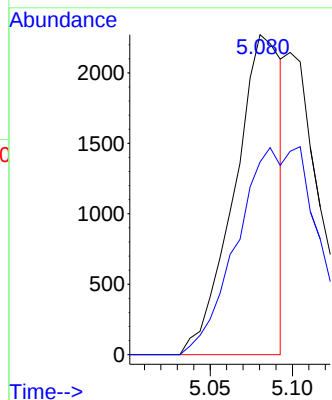
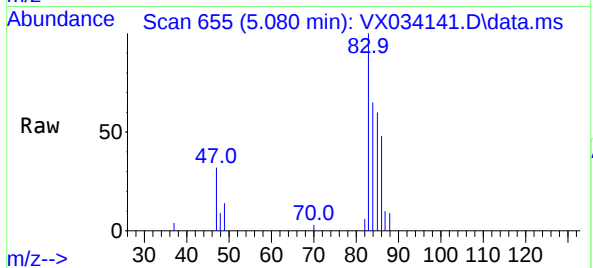
VSTD005624

Tgt Ion: 83 Resp: 4497

Ion Ratio Lower Upper

83 100

85 60.2 47.0 87.4



#27

1,2-Dichloroethane

Concen: 3.885 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX034141.D

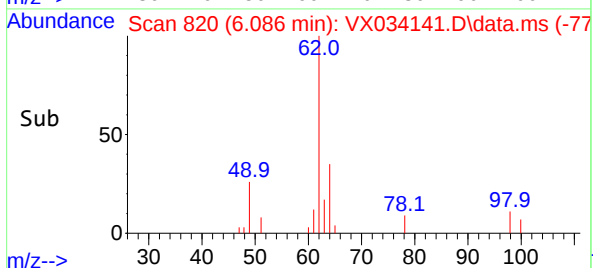
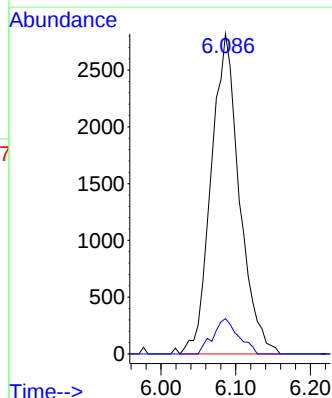
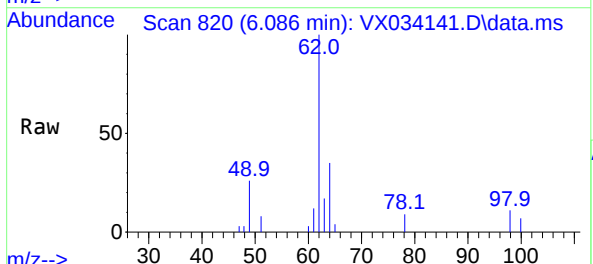
Acq: 13 Feb 2023 13:03

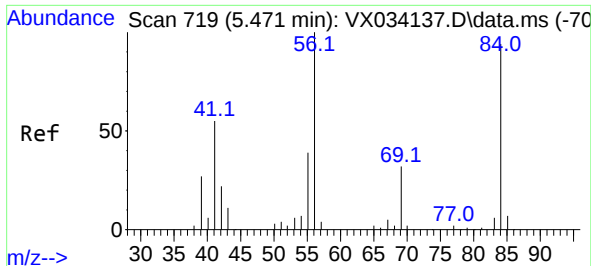
Tgt Ion: 62 Resp: 7418

Ion Ratio Lower Upper

62 100

98 11.0 9.1 13.7

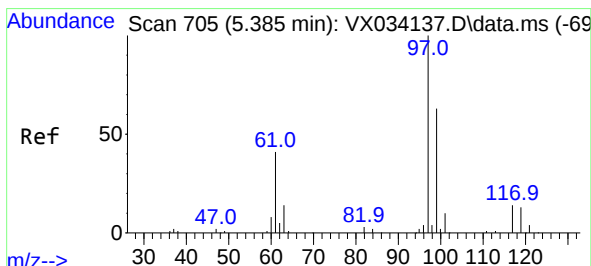
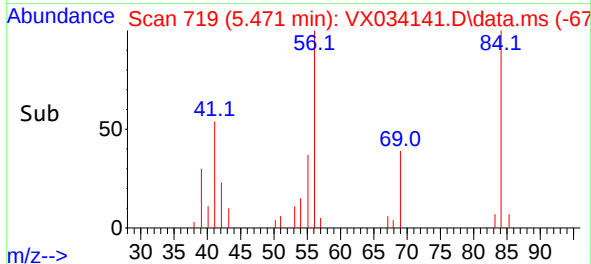
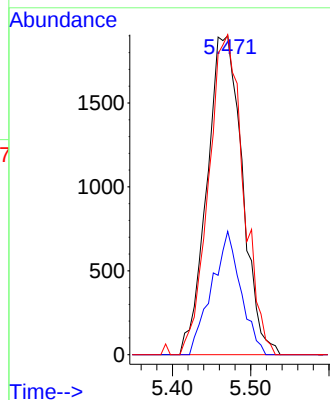
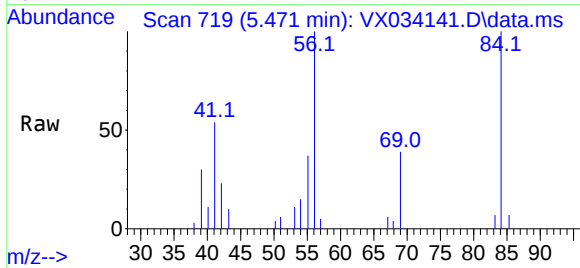




#29
Cyclohexane
Concen: 3.237 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

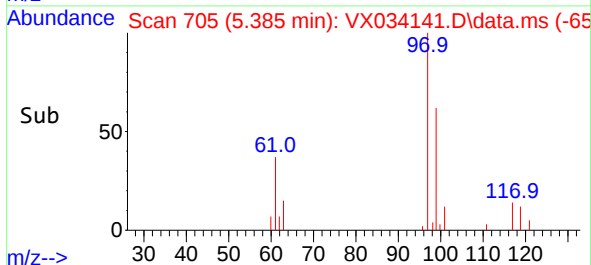
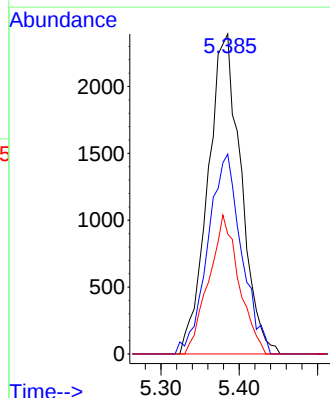
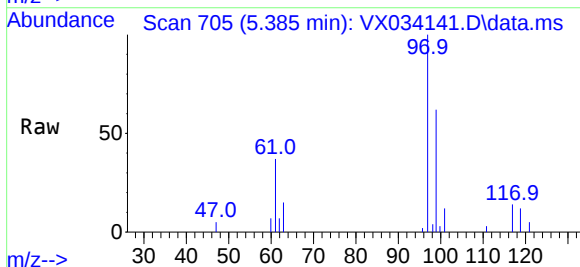
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

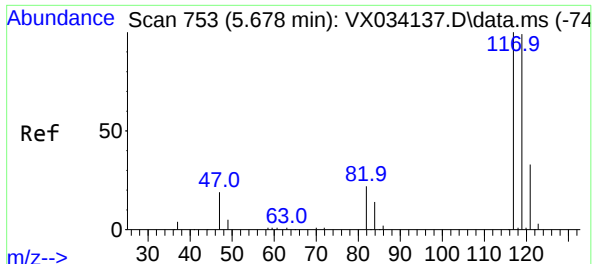
Tgt Ion:	56	Resp:	5958
Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.8	37.2
84	98.4	73.2	109.8



#30
1,1,1-Trichloroethane
Concen: 3.334 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:	97	Resp:	7021
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.8
61	39.7	34.7	52.1

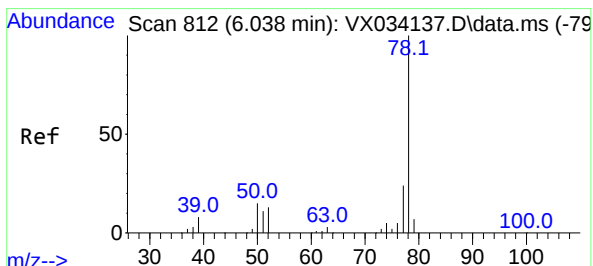
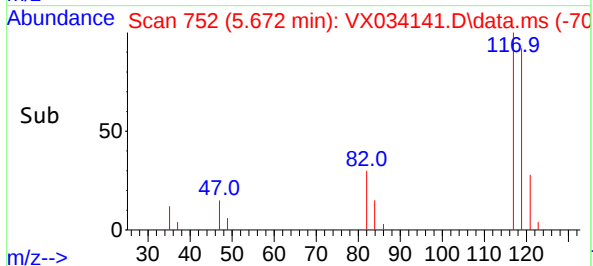
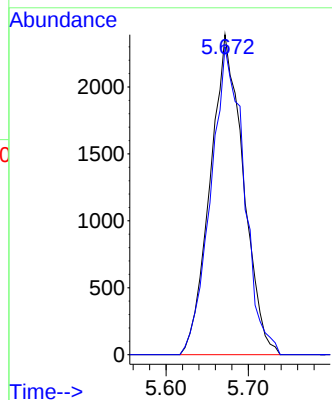
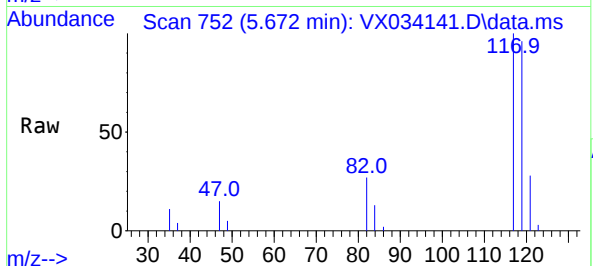




#31
Carbon tetrachloride
Concen: 3.332 ug/L
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

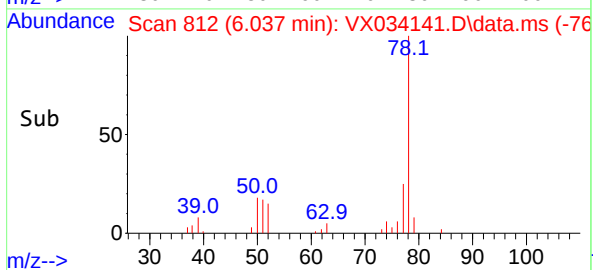
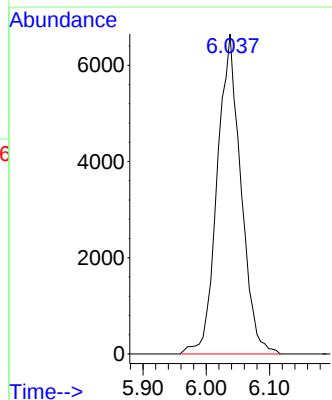
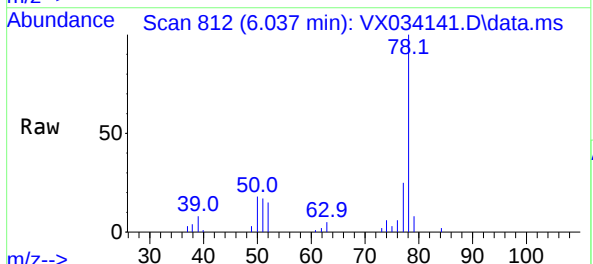
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

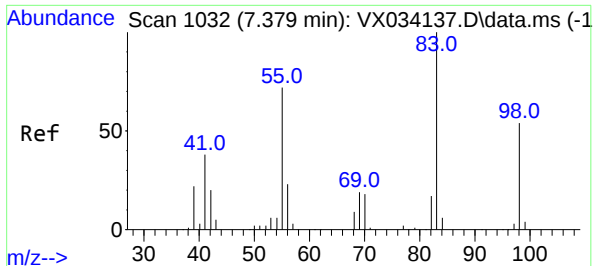
Tgt Ion:117 Resp: 6695
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7



#33
Benzene
Concen: 3.562 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 78 Resp: 17279





#35

Methylcyclohexane

Concen: 4.011 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005624

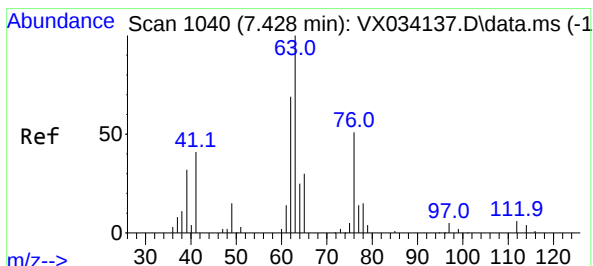
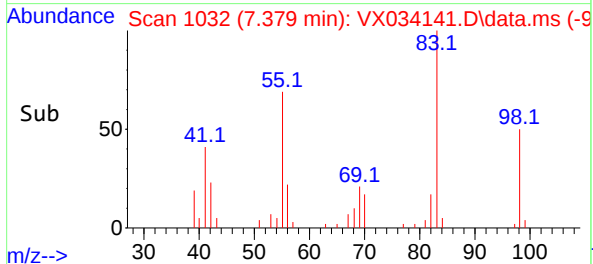
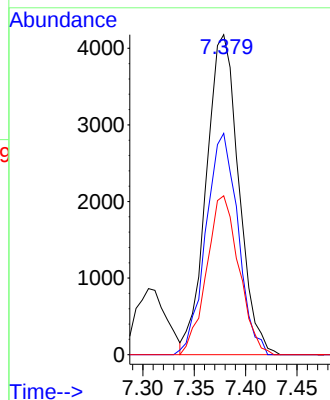
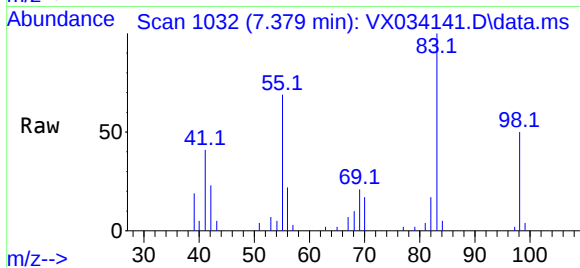
Tgt Ion: 83 Resp: 9162

Ion Ratio Lower Upper

83 100

55 68.4 59.0 88.4

98 49.5 40.6 60.8



#37

1,2-Dichloropropane

Concen: 3.781 ug/L

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034141.D

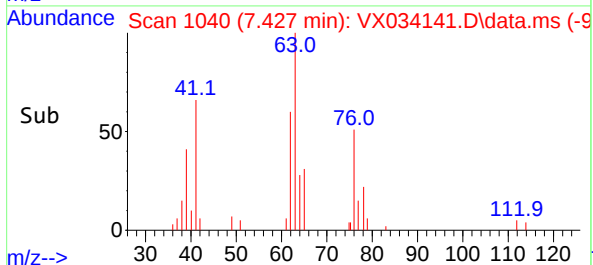
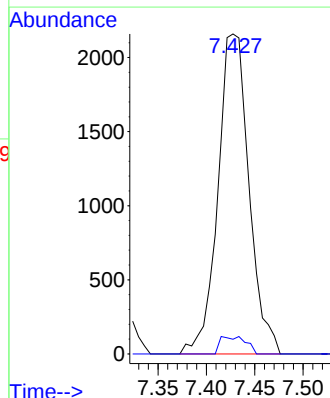
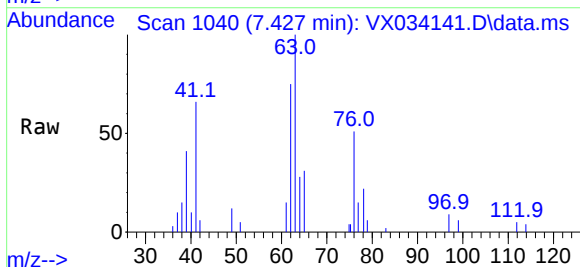
Acq: 13 Feb 2023 13:03

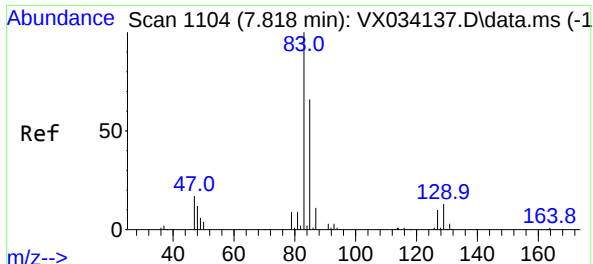
Tgt Ion: 63 Resp: 4831

Ion Ratio Lower Upper

63 100

112 2.5 4.1 6.1#

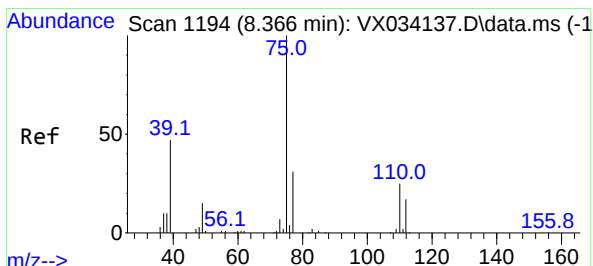
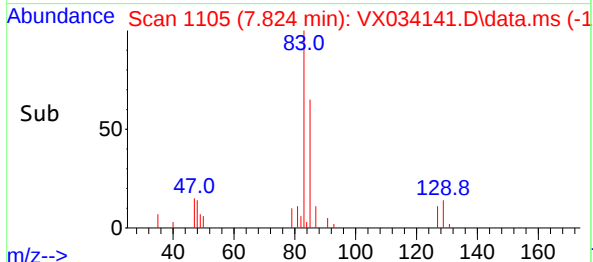
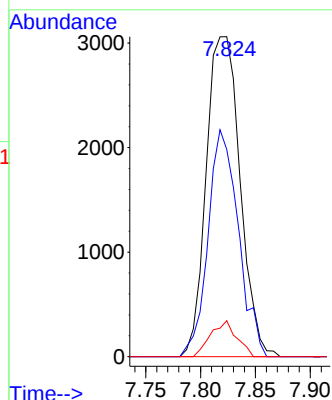
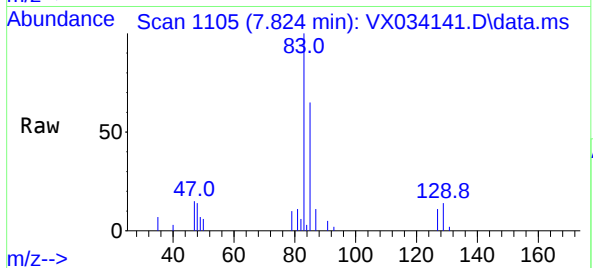




#38
Bromodichloromethane
Concen: 3.742 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

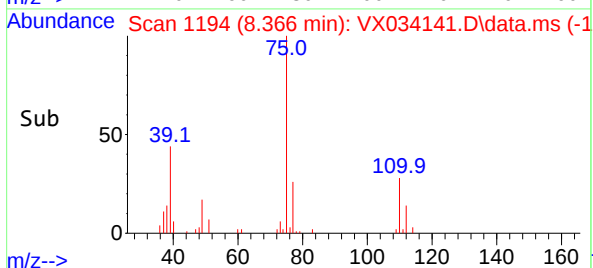
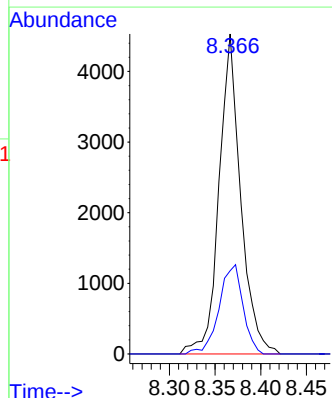
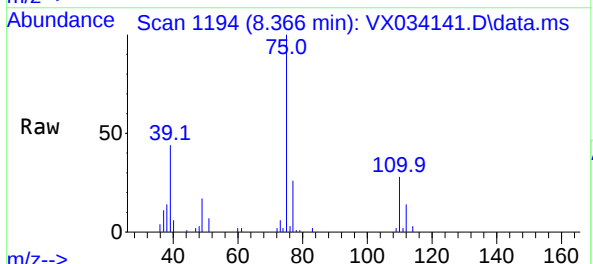
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

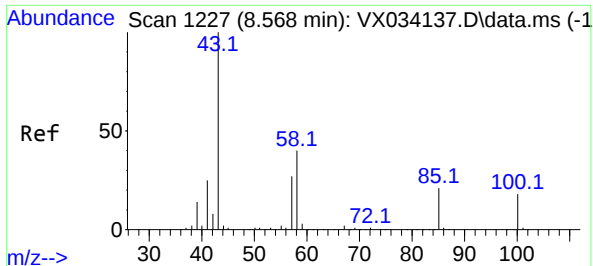
Tgt Ion: 83 Resp: 6586
Ion Ratio Lower Upper
83 100
85 64.8 46.3 85.9
127 11.2 7.4 11.0#



#39
cis-1,3-Dichloropropene
Concen: 3.873 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 75 Resp: 7470
Ion Ratio Lower Upper
75 100
77 26.0 22.5 41.9

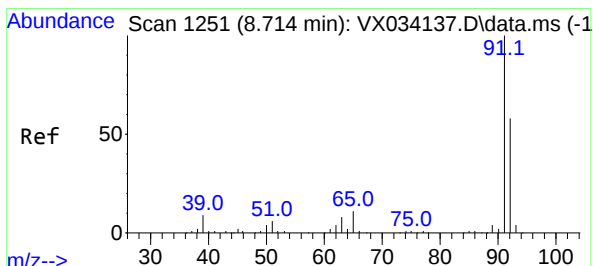
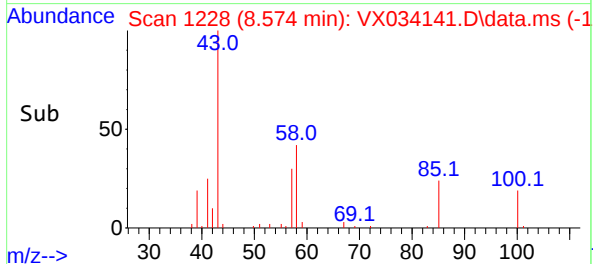
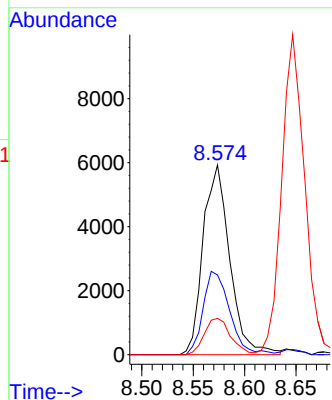
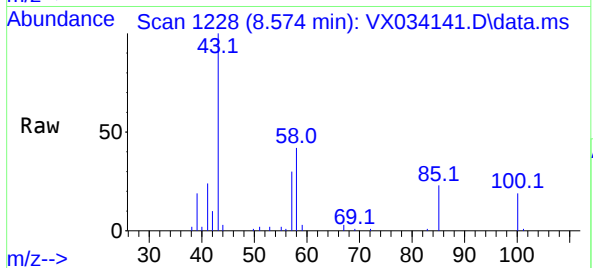




#40
4-Methyl-2-pentanone
Concen: 7.602 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

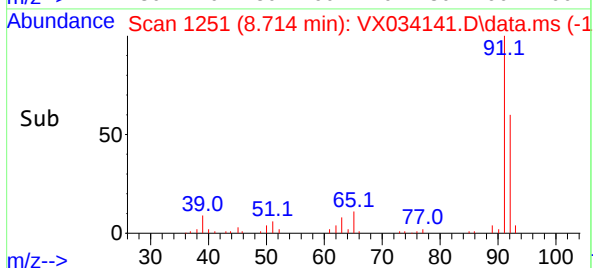
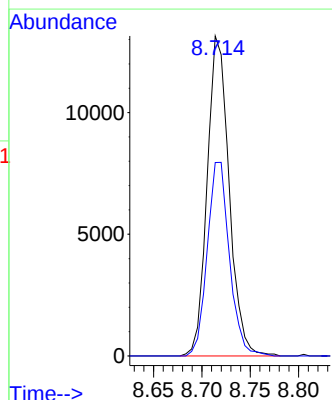
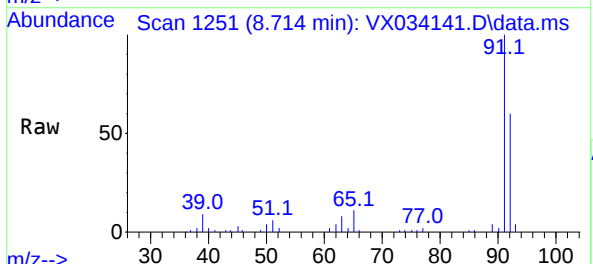
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

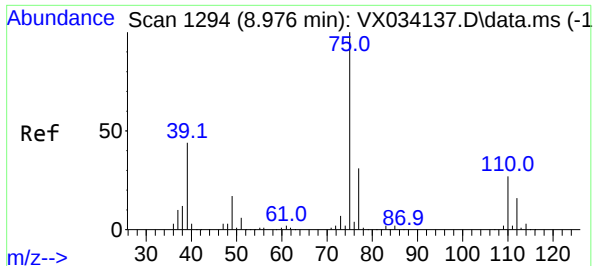
Tgt Ion:	43	Resp:	10735
Ion	Ratio	Lower	Upper
43	100		
58	42.7	31.9	47.9
100	19.0	14.4	21.6



#42
Toluene
Concen: 4.222 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:	91	Resp:	20772
Ion	Ratio	Lower	Upper
91	100		
92	60.4	41.6	77.3

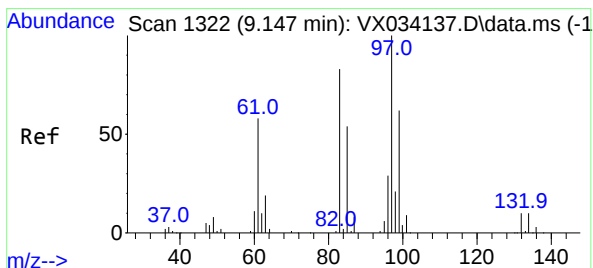
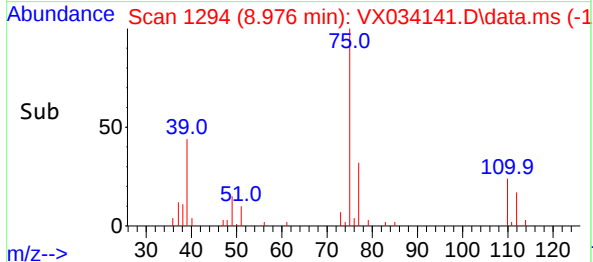
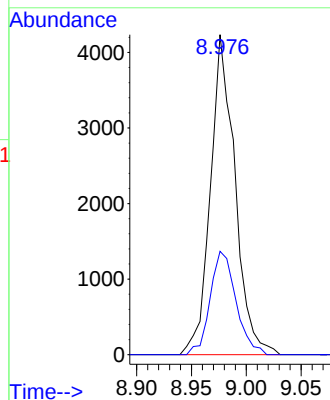
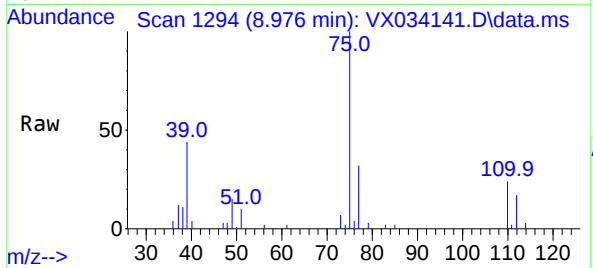




#44
trans-1,3-Dichloropropene
Concen: 3.783 ug/L
RT: 8.976 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

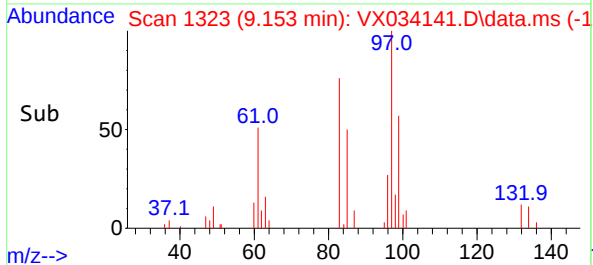
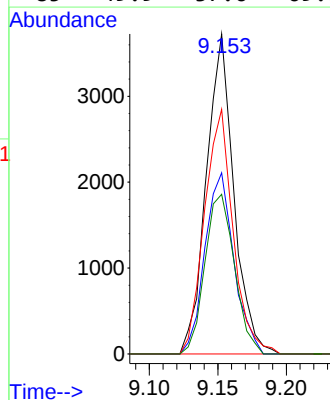
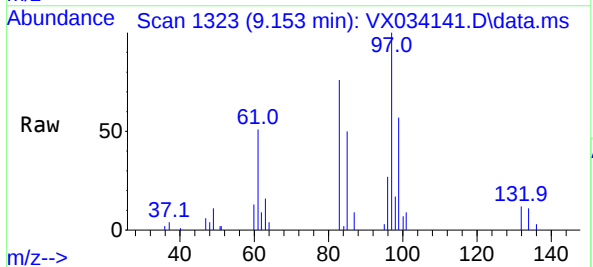
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

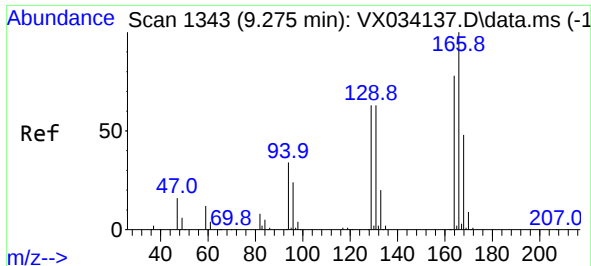
Tgt Ion: 75 Resp: 6614
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 4.157 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 97 Resp: 5200
Ion Ratio Lower Upper
97 100
99 56.6 43.5 80.9
83 76.5 56.8 105.4
85 49.9 37.6 69.8



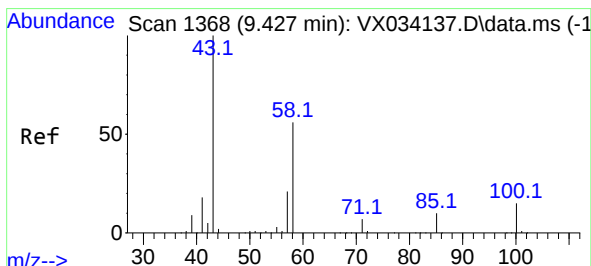
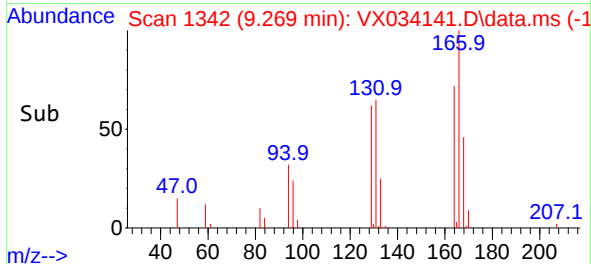
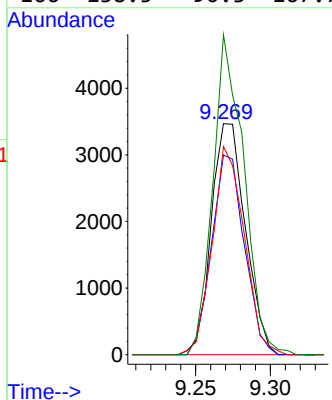
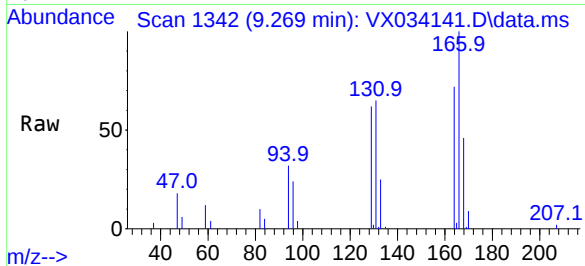


#46
Tetrachloroethene
Concen: 4.186 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

Tgt Ion:164 Resp: 5494

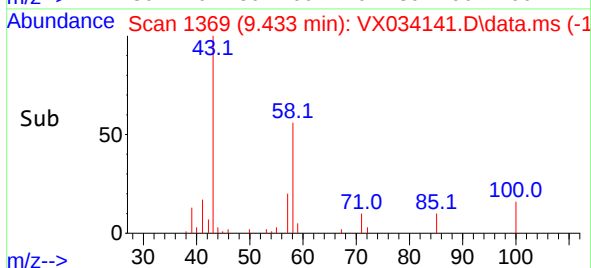
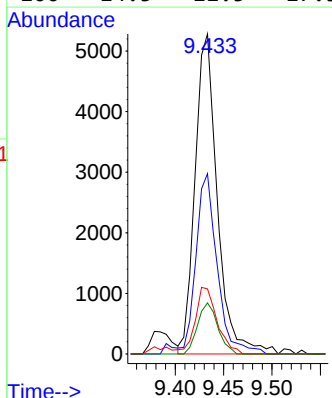
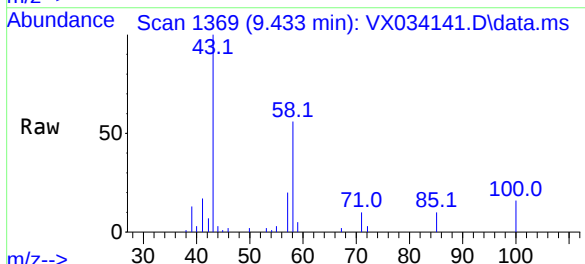
Ion	Ratio	Lower	Upper
164	100		
129	86.4	59.3	110.1
131	90.1	56.1	104.3
166	138.5	90.3	167.7

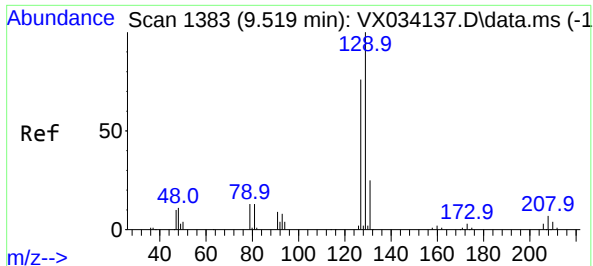


#48
2-Hexanone
Concen: 8.068 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 43 Resp: 8475

Ion	Ratio	Lower	Upper
43	100		
58	53.5	45.7	68.5
57	20.2	15.8	23.8
100	14.5	11.5	17.3





#49

Dibromochloromethane

Concen: 3.594 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

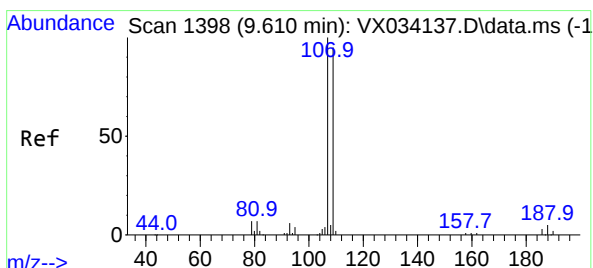
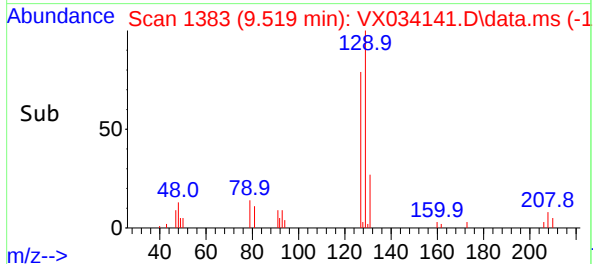
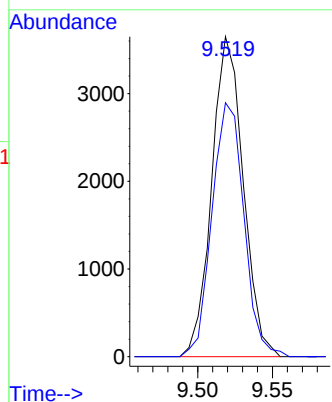
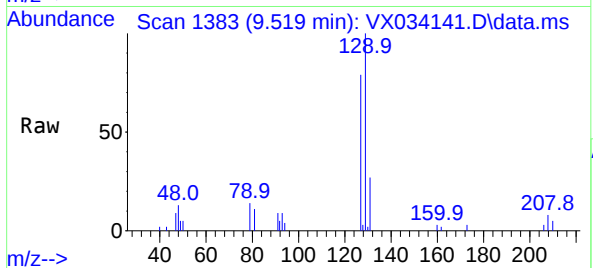
VSTD005624

Tgt Ion:129 Resp: 5345

Ion Ratio Lower Upper

129 100

127 79.4 53.3 98.9



#50

1,2-Dibromoethane

Concen: 3.824 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX034141.D

Acq: 13 Feb 2023 13:03

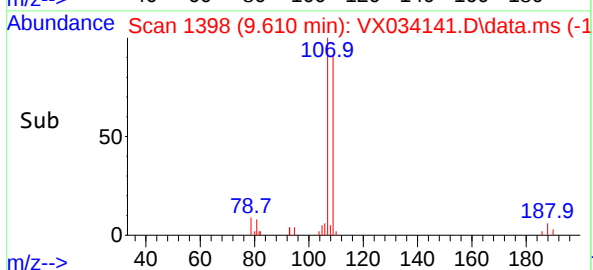
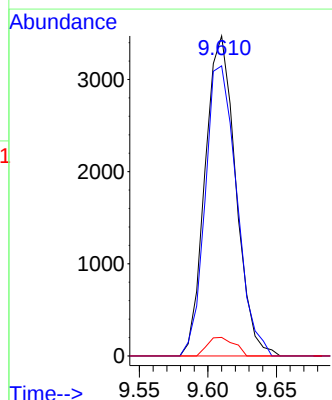
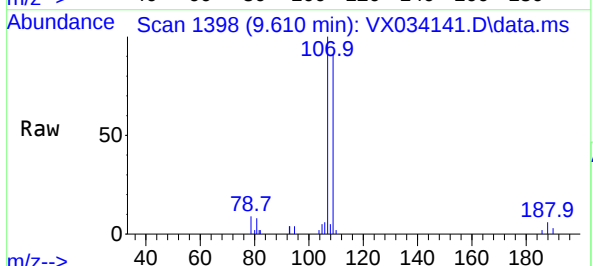
Tgt Ion:107 Resp: 5399

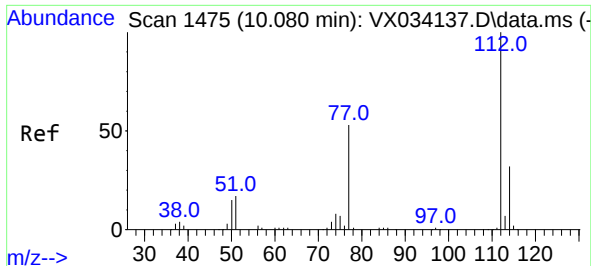
Ion Ratio Lower Upper

107 100

109 90.6 64.9 120.5

188 5.8 3.3 4.9#

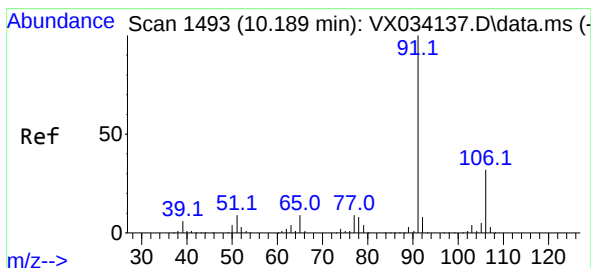
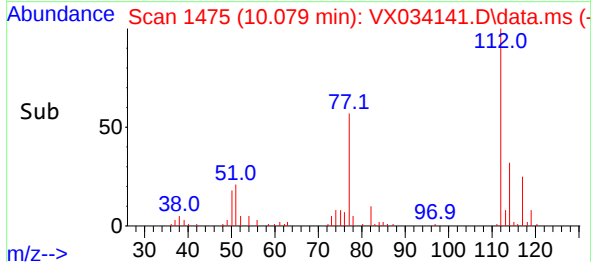
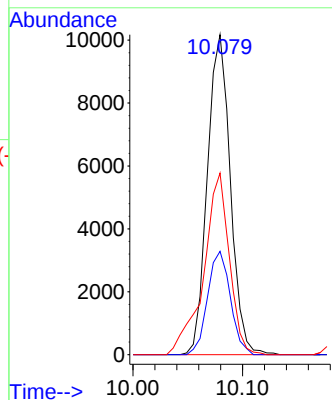
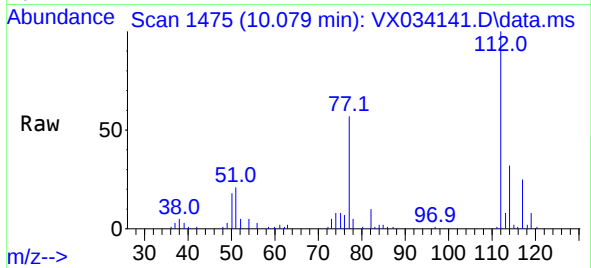




#51
Chlorobenzene
Concen: 4.043 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

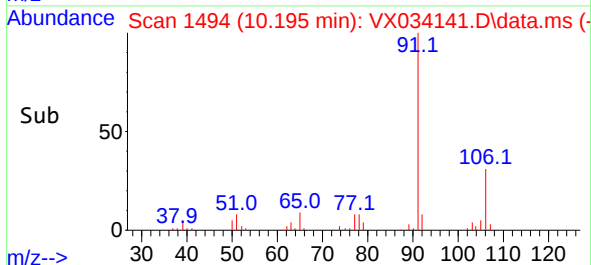
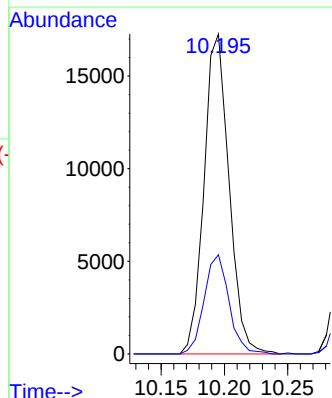
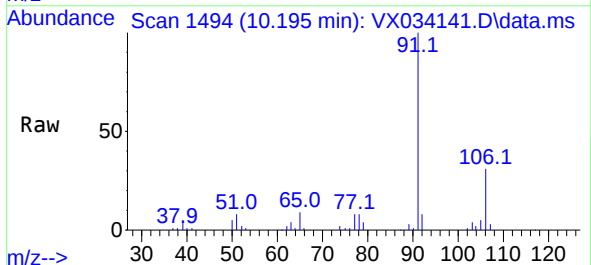
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

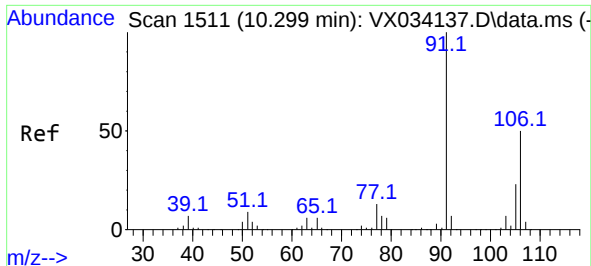
Tgt Ion:112 Resp: 14827
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.3
77 56.8 43.4 65.0



#52
Ethylbenzene
Concen: 3.947 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 91 Resp: 23757
Ion Ratio Lower Upper
91 100
106 31.0 23.2 43.0

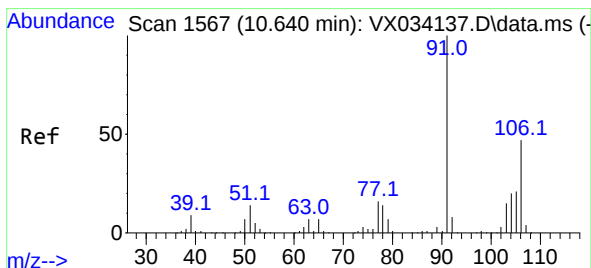
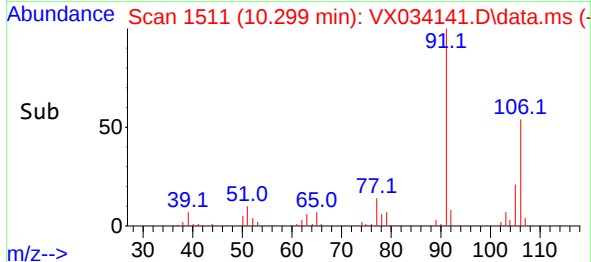
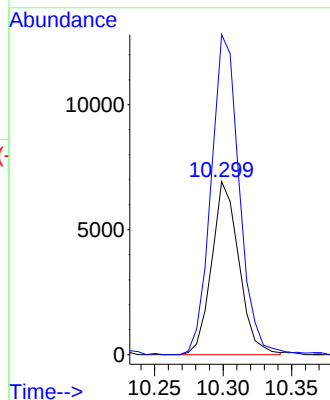
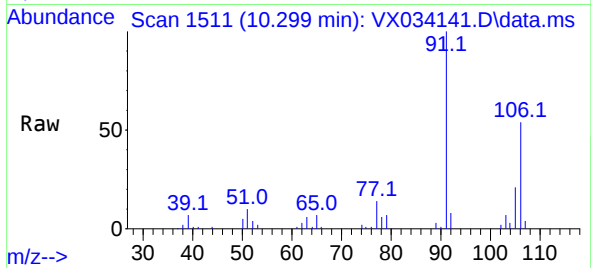




#53
m,p-Xylene
Concen: 3.956 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

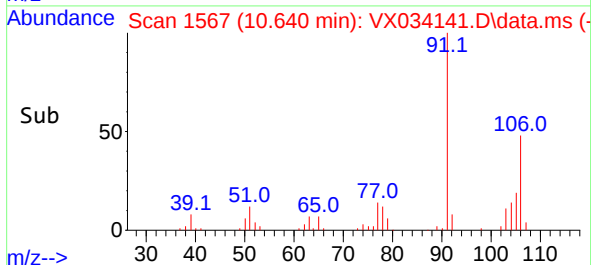
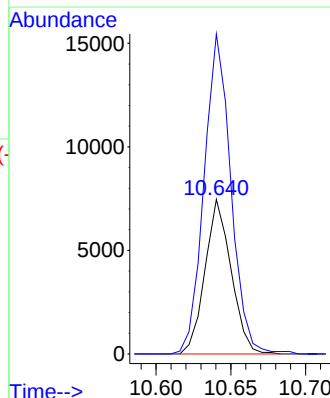
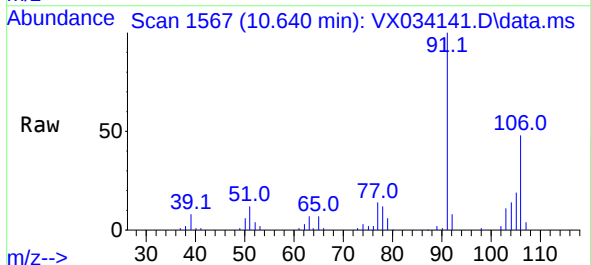
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

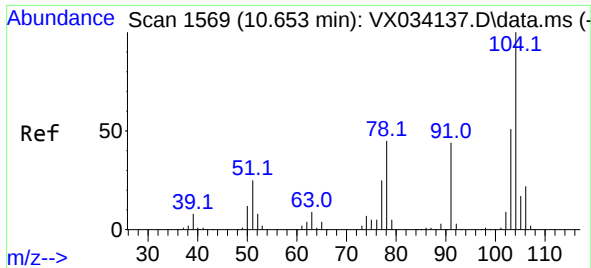
Tgt Ion:106 Resp: 9563
Ion Ratio Lower Upper
106 100
91 184.8 135.2 251.0



#54
o-Xylene
Concen: 3.816 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:106 Resp: 9062
Ion Ratio Lower Upper
106 100
91 207.1 140.2 260.4

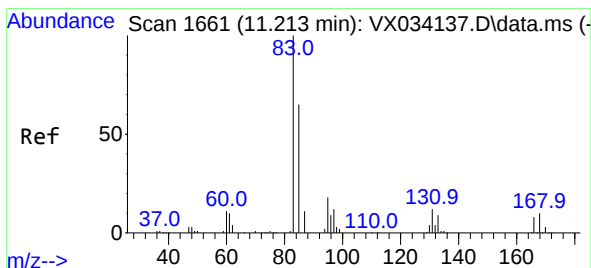
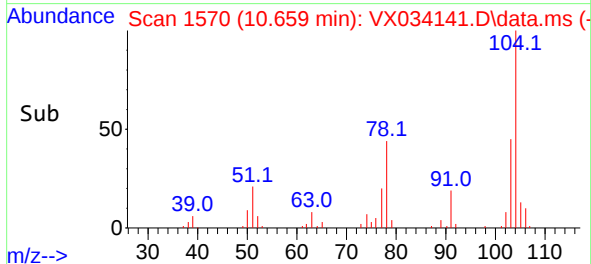
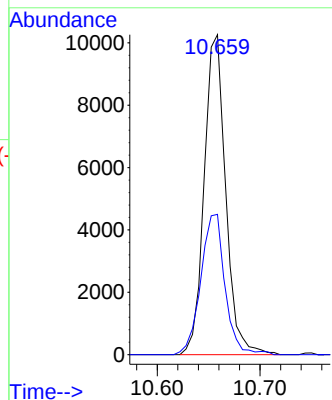
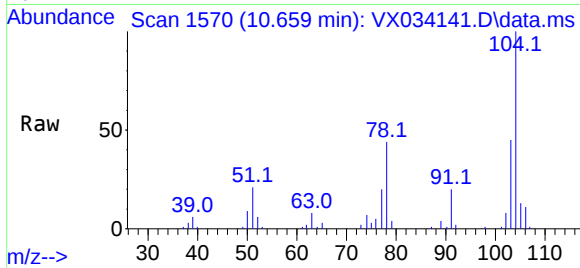




#55
Styrene
Concen: 3.726 ug/L
RT: 10.659 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

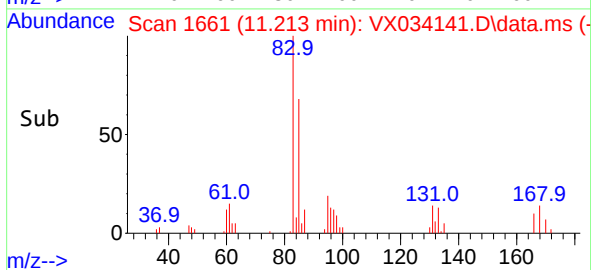
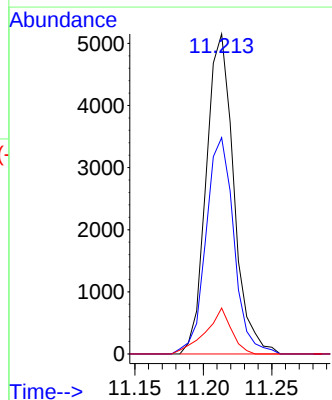
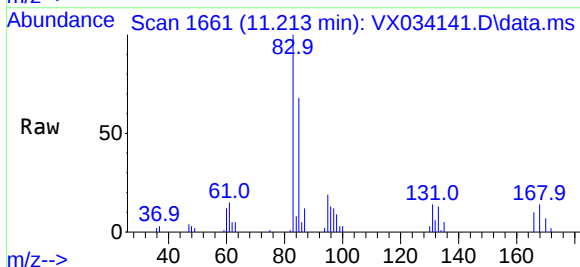
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

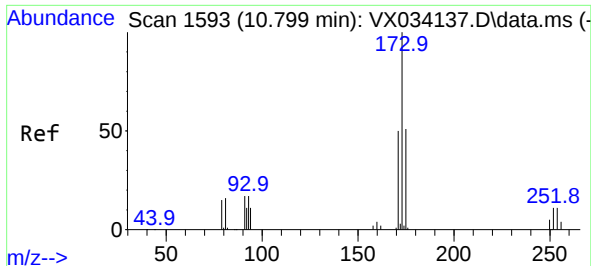
Tgt Ion:104 Resp: 14946
Ion Ratio Lower Upper
104 100
78 43.8 30.0 55.8



#57
1,1,2,2-Tetrachloroethane
Concen: 3.804 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion: 83 Resp: 7201
Ion Ratio Lower Upper
83 100
85 67.6 45.8 85.0
131 14.3 9.1 13.7#

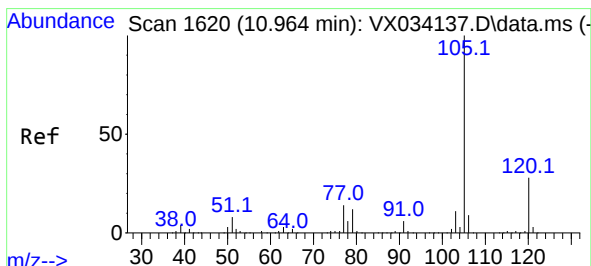
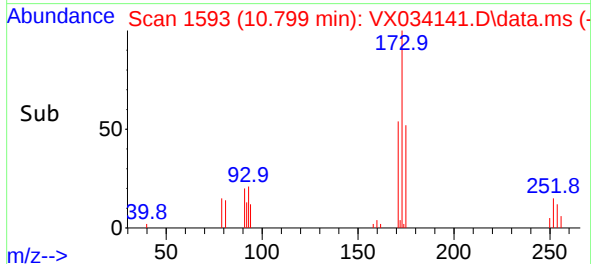
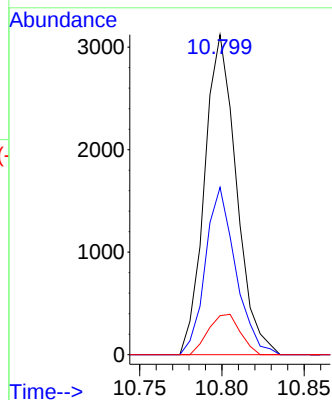
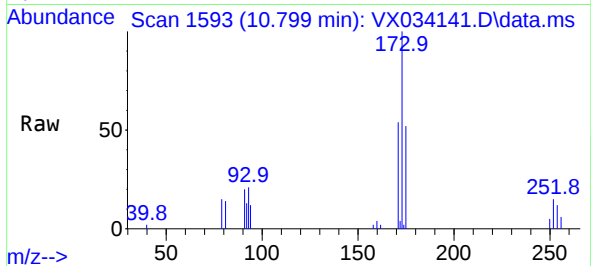




#59
Bromoform
Concen: 3.355 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

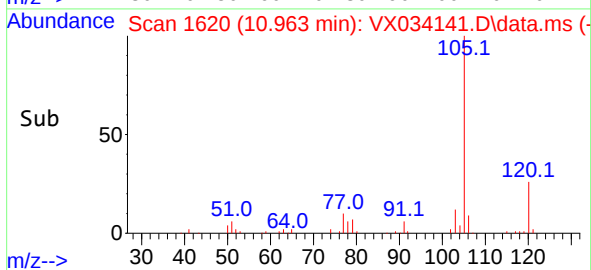
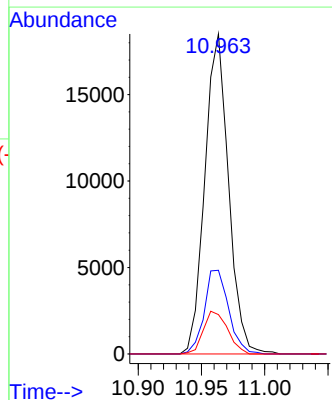
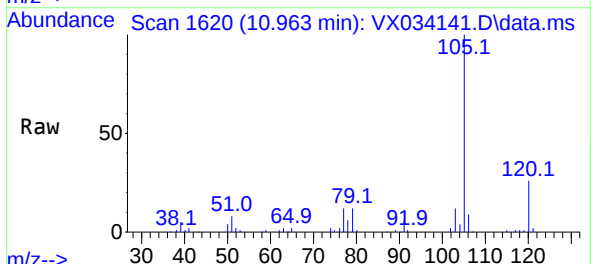
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

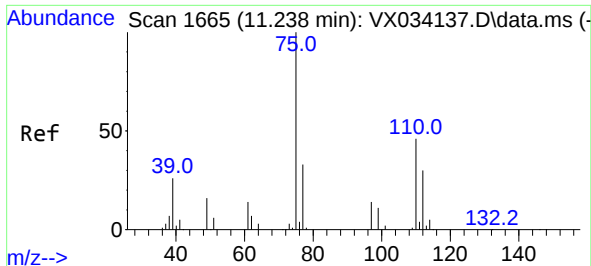
Tgt Ion:	173	Resp:	4197
Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.3	57.5
254	12.6	9.1	13.7



#60
Isopropylbenzene
Concen: 3.870 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:	105	Resp:	24143
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.8	32.6
77	13.7	11.3	16.9

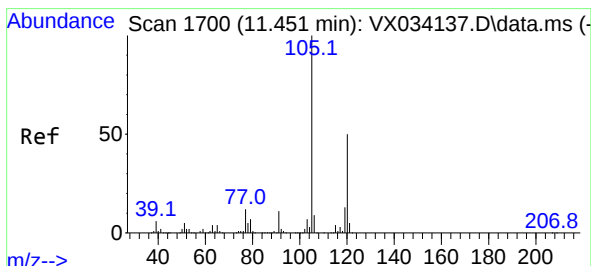
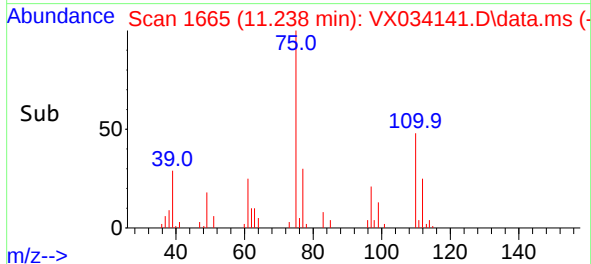
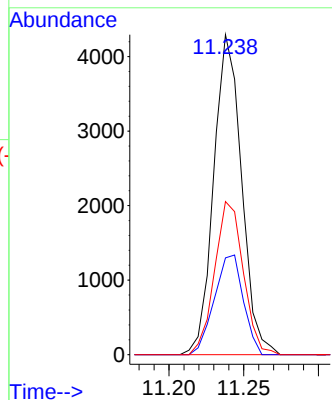
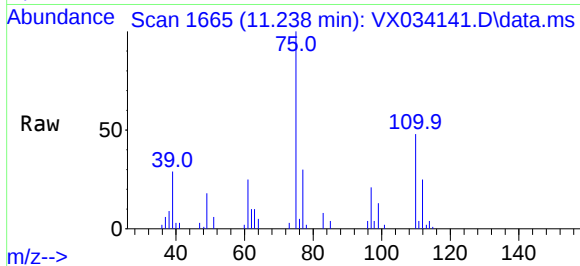




#61
1,2,3-Trichloropropane
Concen: 3.905 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

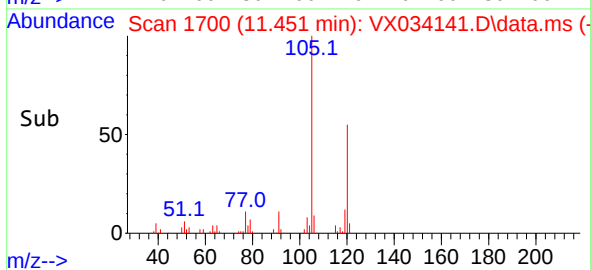
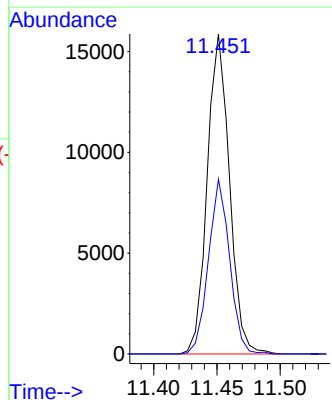
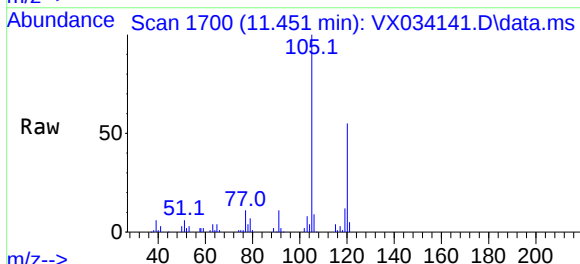
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

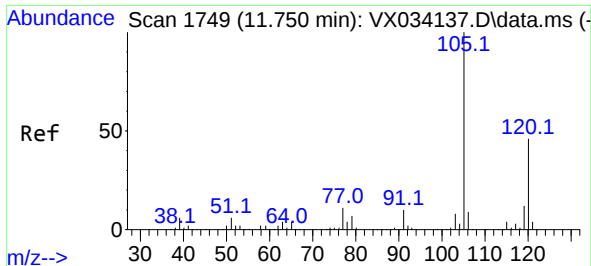
Tgt Ion:	75	Resp:	5564
Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.1	39.1
110	49.3	34.2	51.4



#62
1,3,5-Trimethylbenzene
Concen: 3.733 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:	105	Resp:	19414
Ion	Ratio	Lower	Upper
105	100		
120	51.8	41.3	61.9

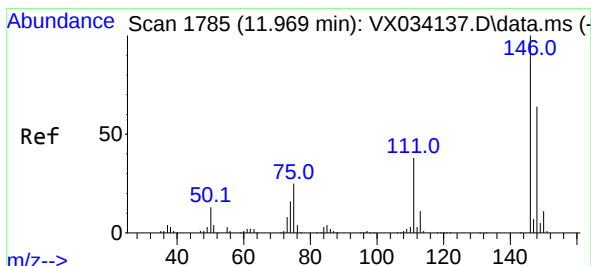
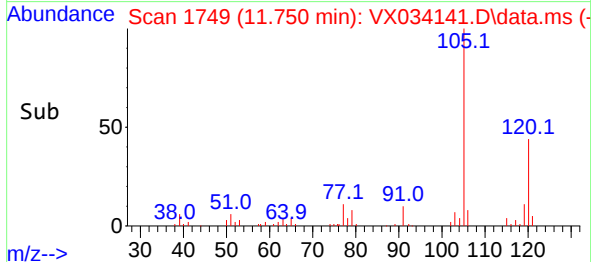
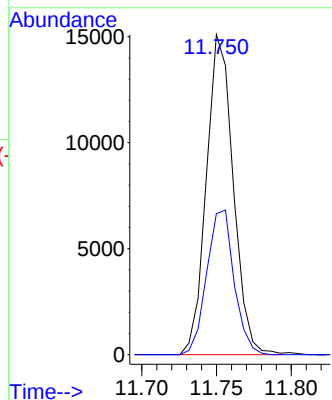
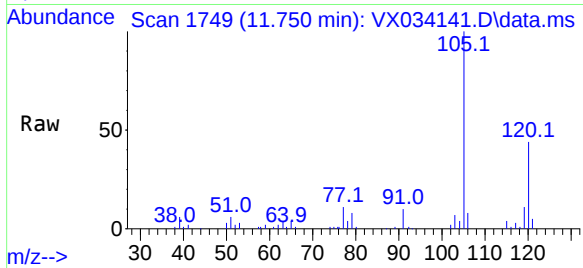




#63
1,2,4-Trimethylbenzene
Concen: 3.773 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

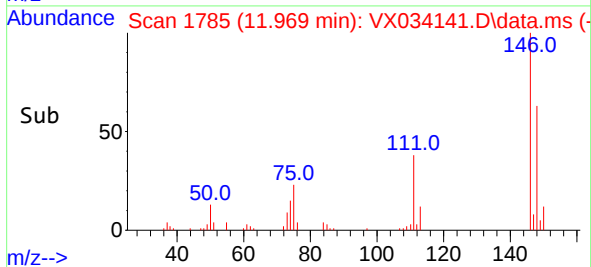
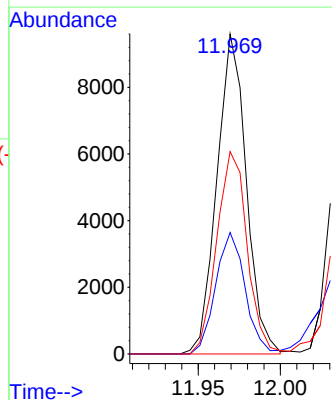
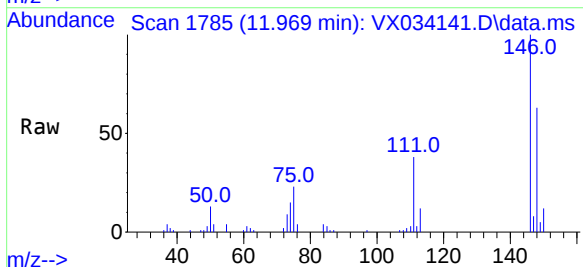
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

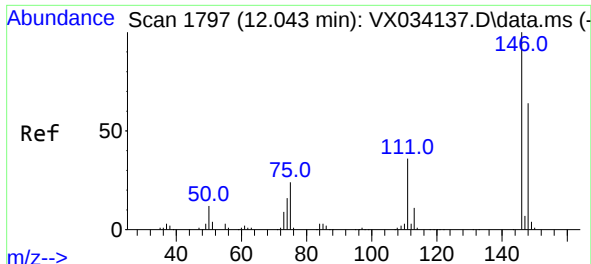
Tgt Ion:105 Resp: 18885
Ion Ratio Lower Upper
105 100
120 46.0 38.5 57.7



#64
1,3-Dichlorobenzene
Concen: 3.816 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:146 Resp: 11940
Ion Ratio Lower Upper
146 100
111 38.0 25.5 47.3
148 63.3 44.9 83.3

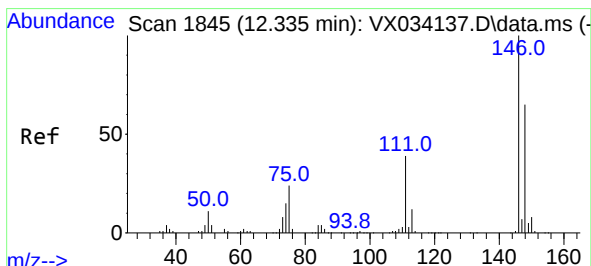
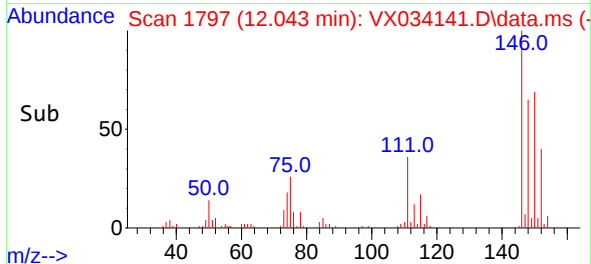
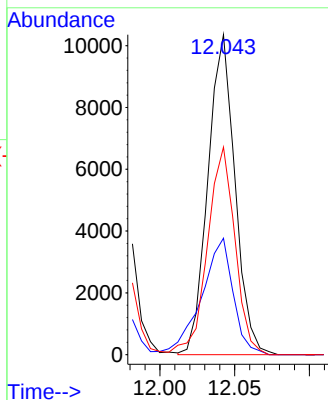
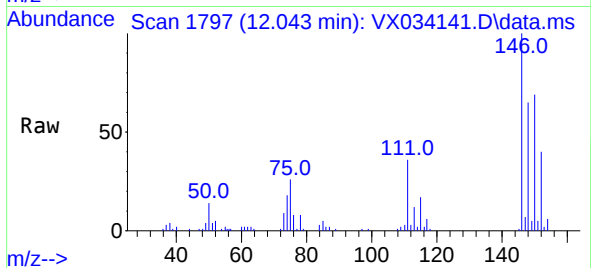




#65
1,4-Dichlorobenzene
Concen: 4.136 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

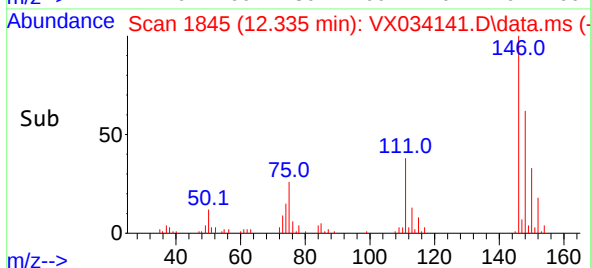
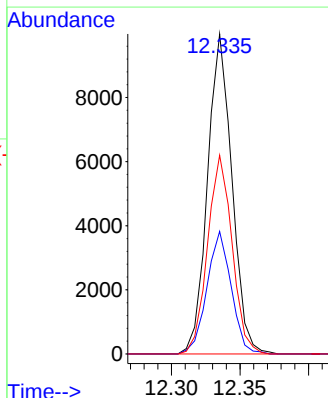
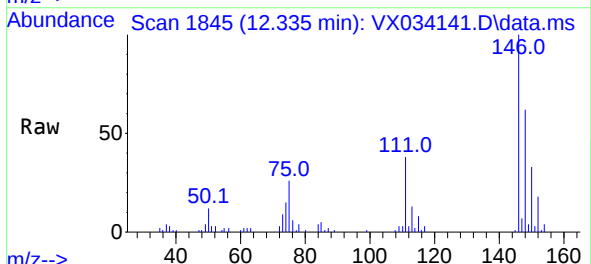
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

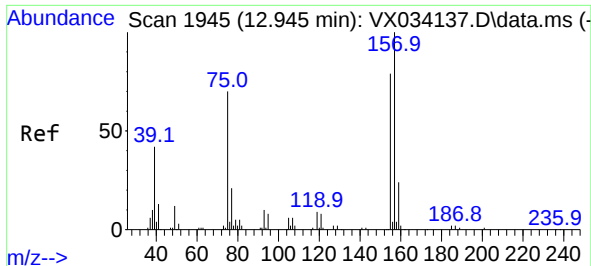
Tgt Ion:	146	Resp:	13041
Ion	Ratio	Lower	Upper
146	100		
111	36.4	23.7	44.1
148	64.8	45.0	83.6



#67
1,2-Dichlorobenzene
Concen: 4.061 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:	146	Resp:	12369
Ion	Ratio	Lower	Upper
146	100		
111	38.3	30.4	45.6
148	62.1	51.4	77.2

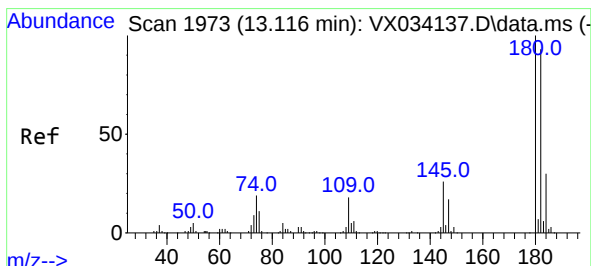
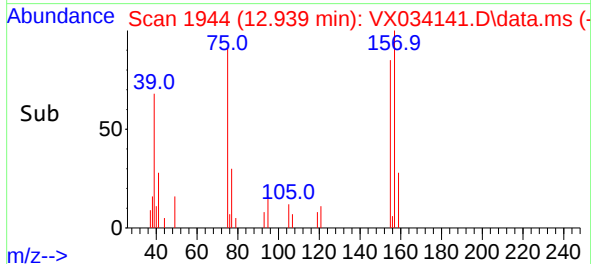
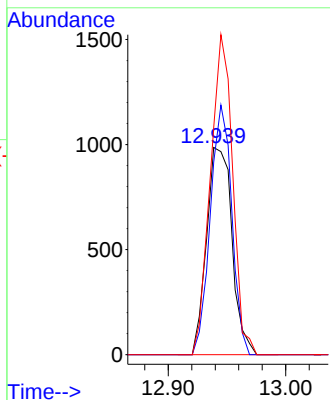
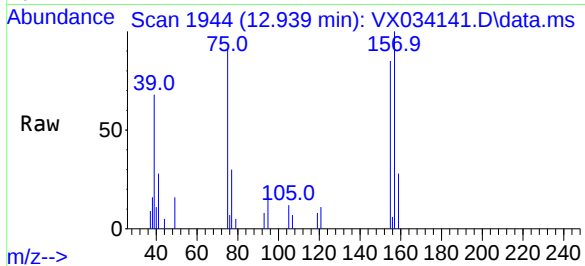




#68
1,2-Dibromo-3-chloropropane
Concen: 3.741 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

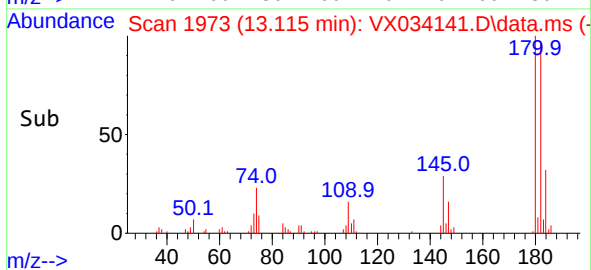
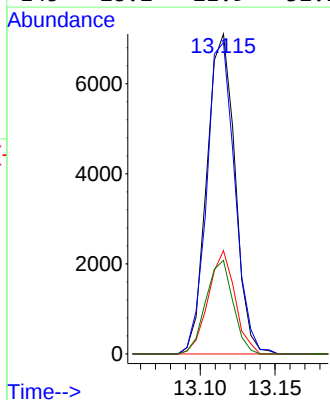
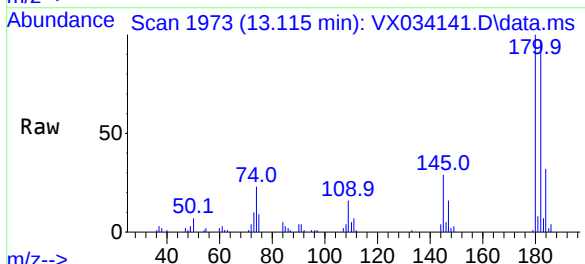
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

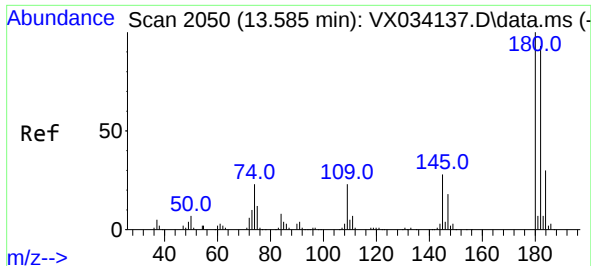
Tgt Ion: 75 Resp: 1477
Ion Ratio Lower Upper
75 100
155 93.0 89.0 133.6
157 109.6 116.9 175.3#



#69
1,3,5-Trichlorobenzene
Concen: 3.885 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:180 Resp: 9292
Ion Ratio Lower Upper
180 100
182 97.4 77.3 115.9
184 30.7 24.5 36.7
145 28.2 21.9 32.9

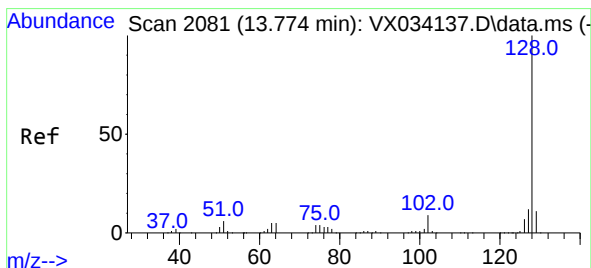
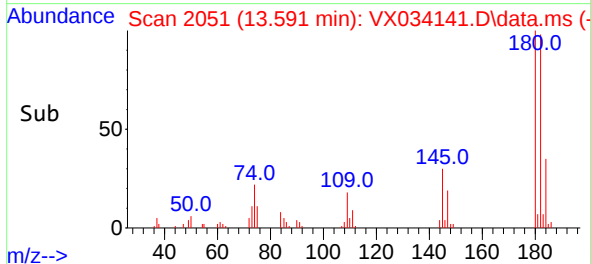
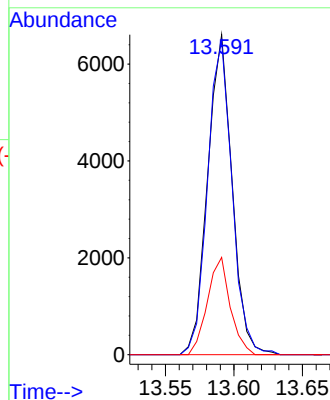
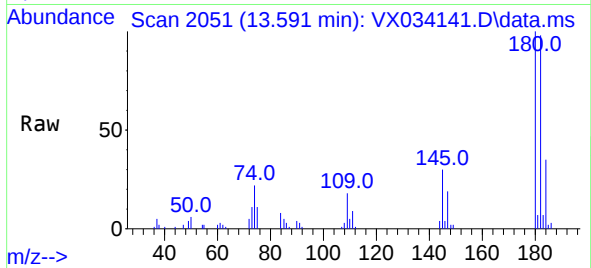




#70
1,2,4-trichlorobenzene
Concen: 3.805 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

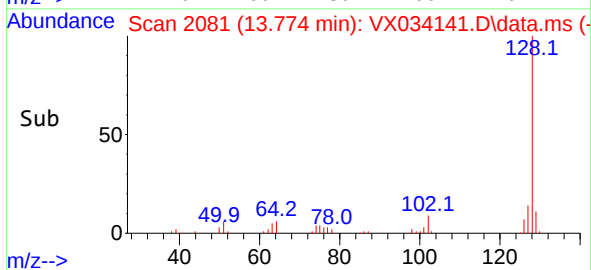
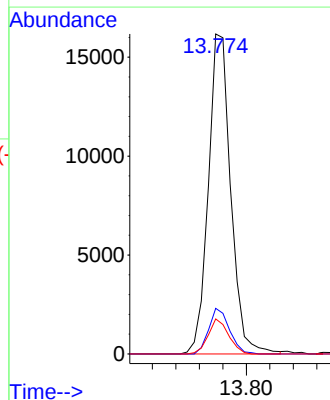
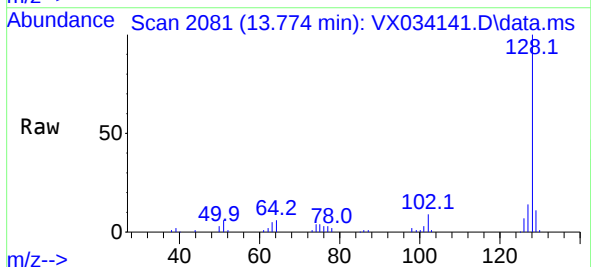
Instrument :
MSVOA_X
ClientSampleId :
VSTD005624

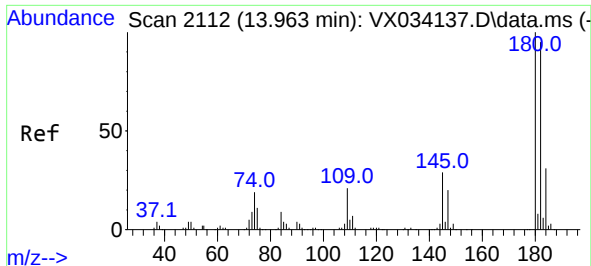
Tgt Ion:180 Resp: 8190
Ion Ratio Lower Upper
180 100
182 98.5 76.5 114.7
145 28.4 22.3 33.5



#71
Naphthalene
Concen: 3.703 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034141.D
Acq: 13 Feb 2023 13:03

Tgt Ion:128 Resp: 21422
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 9.9 8.7 13.1





#72

1,2,3-Trichlorobenzene

Concen: 4.031 ug/L

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034141.D

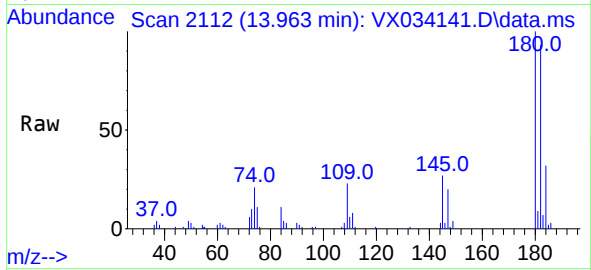
Acq: 13 Feb 2023 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTD005624



Tgt Ion:180 Resp: 8468

Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 30.3 23.5 35.3

