

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034135.D
 Acq On : 13 Feb 2023 10:35
 Operator : JC/MD
 Sample : VSTD00519
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005619

Quant Time: Feb 13 12:44:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 12:44:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	141934	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	125872	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	2010	2.344	ug/L	0.00
7) Chloroethane-d5	1.673	69	1277	2.361	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	5681	3.382	ug/L	0.00
21) 2-Butanone-d5	4.452	46	2650	5.121	ug/L	0.00
24) Chloroform-d	5.056	84	5444	3.191	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	3732	3.555	ug/L	0.00
32) Benzene-d6	5.971	84	10208	2.821	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	2977	2.796	ug/L	0.00
41) Toluene-d8	8.647	98	10205	2.973	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	1393	2.823	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	1886	4.689	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	3863	2.866	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	4314	3.105	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	10022	8.611	ug/L	99
3) Chloromethane	1.295	50	4137	4.602	ug/L	94
5) Vinyl chloride	1.374	62	4747	5.219	ug/L	87
6) Bromomethane	1.612	94	3090	6.162	ug/L	89
8) Chloroethane	1.691	64	2356	4.824	ug/L #	77
9) Trichlorofluoromethane	1.892	101	8675	6.240	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	5204	5.523	ug/L	93
12) 1,1-Dichloroethene	2.319	96	4605	5.396	ug/L	94
13) Acetone	2.380	43	4951	9.467	ug/L	95
14) Carbon disulfide	2.514	76	16161	7.022	ug/L #	94
15) Methyl Acetate	2.697	43	5466	6.462	ug/L	100
16) Methylene chloride	2.788	84	6369	7.087	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	6044	6.883	ug/L	95
18) Methyl tert-butyl Ether	3.105	73	17544	6.721	ug/L	98
19) 1,1-Dichloroethane	3.611	63	10174	6.605	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	6417	6.390	ug/L	91
22) 2-Butanone	4.550	43	7380	11.366	ug/L	98
23) Bromochloromethane	4.891	128	3675	6.532	ug/L #	92
25) Chloroform	5.087	83	11436	6.893	ug/L	100
27) 1,2-Dichloroethane	6.080	62	8968	6.908	ug/L #	92
29) Cyclohexane	5.458	56	9092	5.858	ug/L	95
30) 1,1,1-Trichloroethane	5.373	97	10053	6.731	ug/L #	88
31) Carbon tetrachloride	5.672	117	9456	6.784	ug/L	100
33) Benzene	6.031	78	23696	6.227	ug/L	100
34) Trichloroethene	7.117	95	6655	6.390	ug/L	96
35) Methylcyclohexane	7.373	83	10429	6.323	ug/L	96
37) 1,2-Dichloropropane	7.428	63	5903	6.149	ug/L	98
38) Bromodichloromethane	7.818	83	7821	6.242	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	8669	5.827	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	12828	10.879	ug/L	98
42) Toluene	8.714	91	25123	6.169	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	7495	5.574	ug/L	99

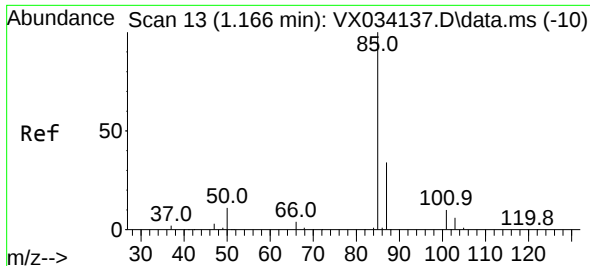
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034135.D
 Acq On : 13 Feb 2023 10:35
 Operator : JC/MD
 Sample : VSTD00519
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005619

Quant Time: Feb 13 12:44:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 12:44:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	6295	6.397	ug/L	94
46) Tetrachloroethene	9.269	164	6589	6.568	ug/L	96
48) 2-Hexanone	9.427	43	9484	10.149	ug/L	98
49) Dibromochloromethane	9.519	129	6901	6.414	ug/L	97
50) 1,2-Dibromoethane	9.610	107	6565	6.191	ug/L	88
51) Chlorobenzene	10.073	112	17841	6.488	ug/L	99
52) Ethylbenzene	10.189	91	28517	6.340	ug/L	96
53) m,p-Xylene	10.299	106	11146	6.212	ug/L	95
54) o-Xylene	10.640	106	10585	6.109	ug/L	89
55) Styrene	10.653	104	17584	6.032	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	8416	6.100	ug/L	100
59) Bromoform	10.799	173	5347	6.162	ug/L	99
60) Isopropylbenzene	10.964	105	28835	6.317	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	6762	6.403	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	23252	6.198	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	22308	6.075	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	14533	6.385	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	14711	6.390	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	14610	6.570	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	1646	6.139	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	10622	6.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	9362	5.975	ug/L	97
71) Naphthalene	13.774	128	23530	5.463	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	9205	5.945	ug/L	96

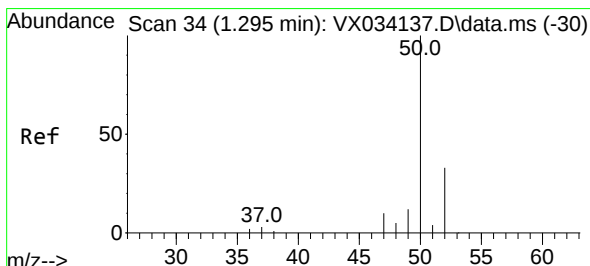
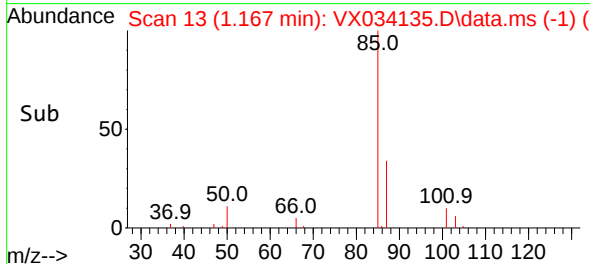
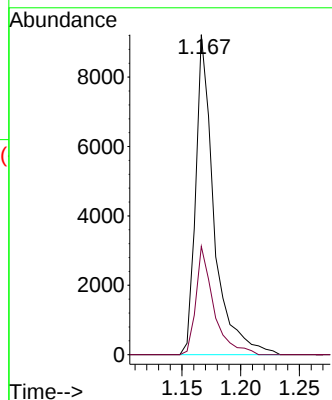
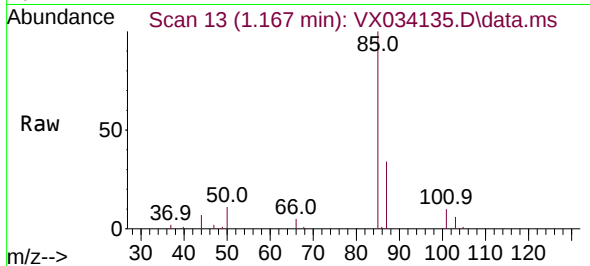
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 8.611 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034135.D
 Acq: 13 Feb 2023 10:35

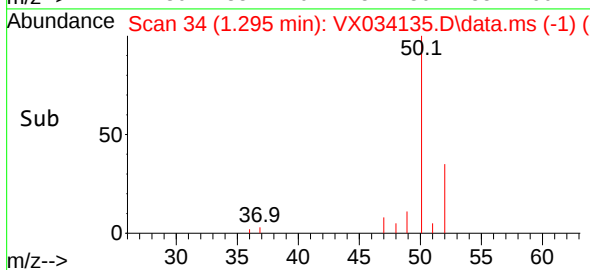
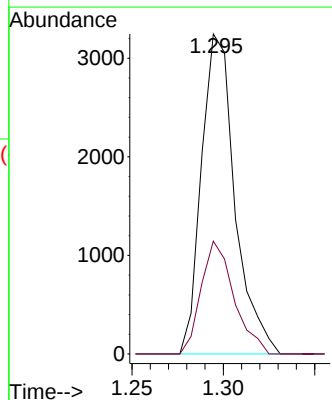
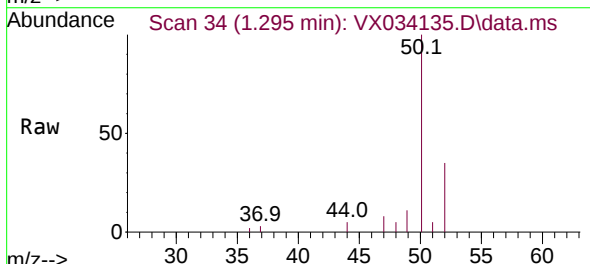
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005619

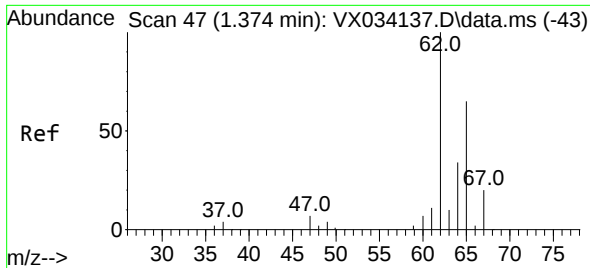
Tgt Ion: 85 Resp: 10022
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.9 38.9



#3
 Chloromethane
 Concen: 4.602 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX034135.D
 Acq: 13 Feb 2023 10:35

Tgt Ion: 50 Resp: 4137
 Ion Ratio Lower Upper
 50 100
 52 35.3 22.5 41.7

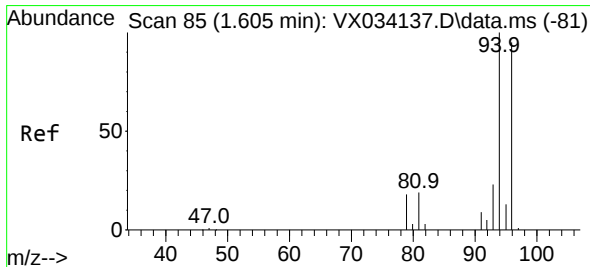
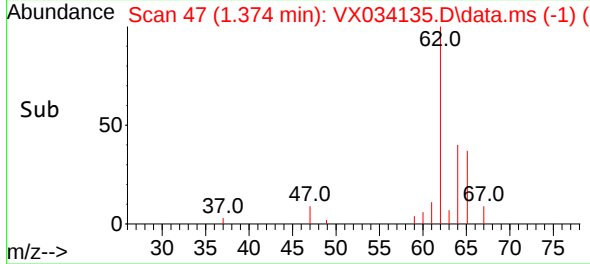
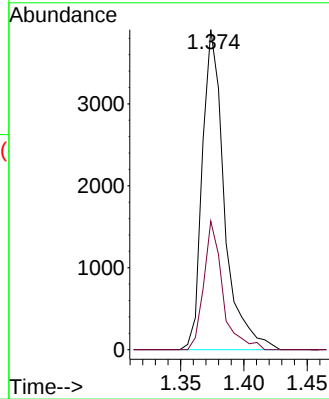
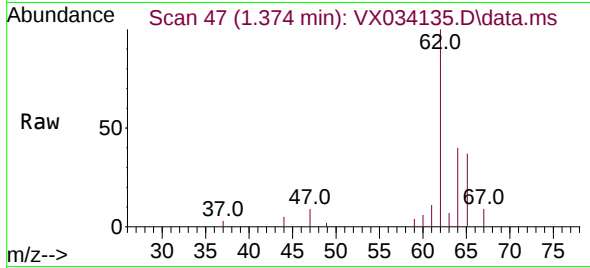




#5
 Vinyl chloride
 Concen: 5.219 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034135.D
 Acq: 13 Feb 2023 10:35

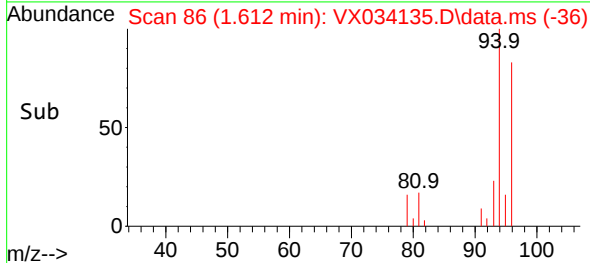
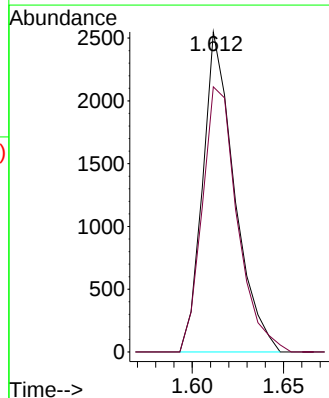
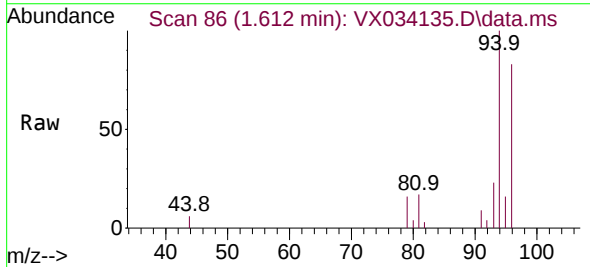
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005619

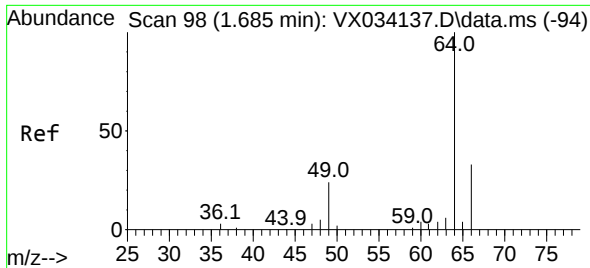
Tgt Ion: 62 Resp: 4747
 Ion Ratio Lower Upper
 62 100
 64 40.2 23.2 43.0



#6
 Bromomethane
 Concen: 6.162 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX034135.D
 Acq: 13 Feb 2023 10:35

Tgt Ion: 94 Resp: 3090
 Ion Ratio Lower Upper
 94 100
 96 82.9 65.7 122.1

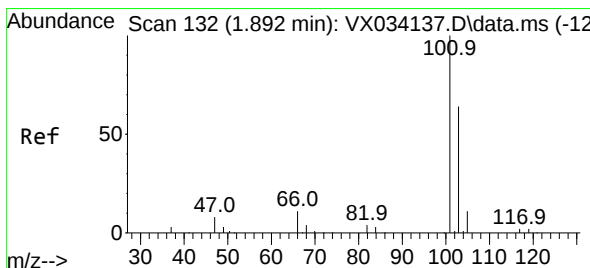
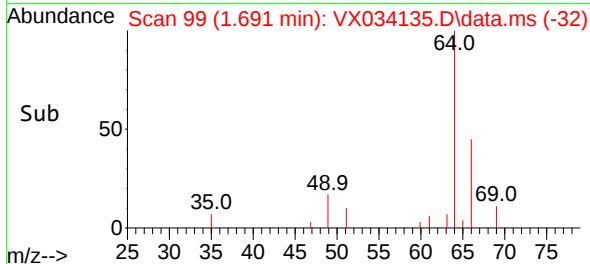
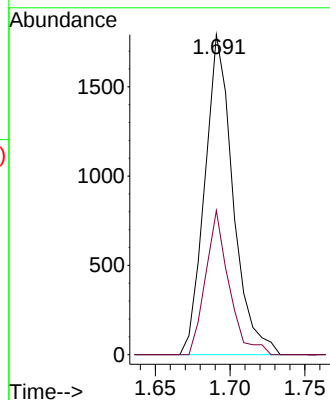
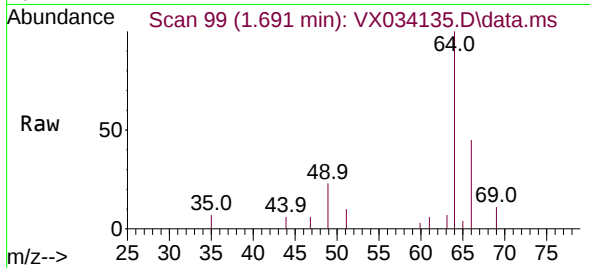




#8
Chloroethane
Concen: 4.824 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

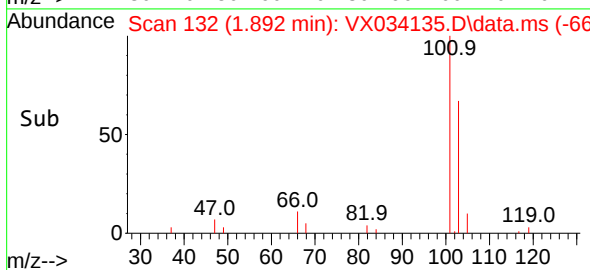
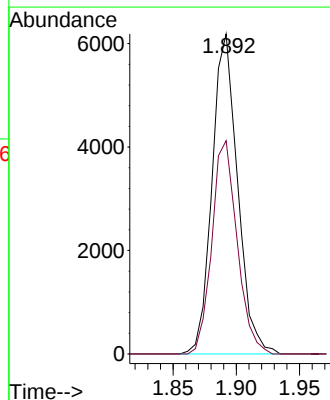
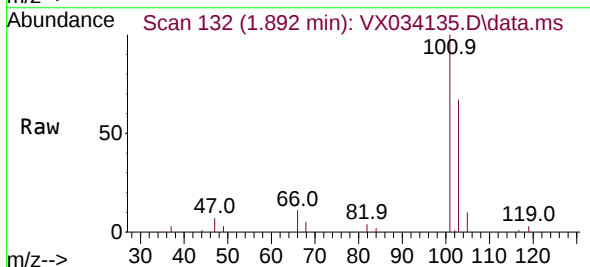
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

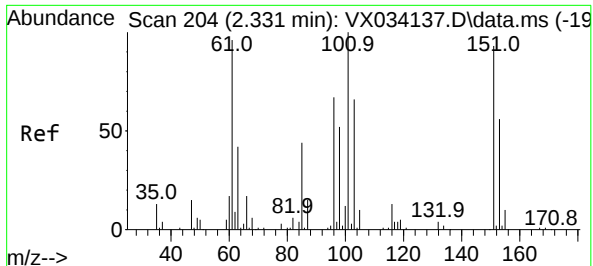
Tgt Ion: 64 Resp: 2356
Ion Ratio Lower Upper
64 100
66 45.0 22.5 41.9#



#9
Trichlorofluoromethane
Concen: 6.240 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion: 101 Resp: 8675
Ion Ratio Lower Upper
101 100
103 65.9 52.6 78.8





#10

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

Concen: 5.523 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD005619

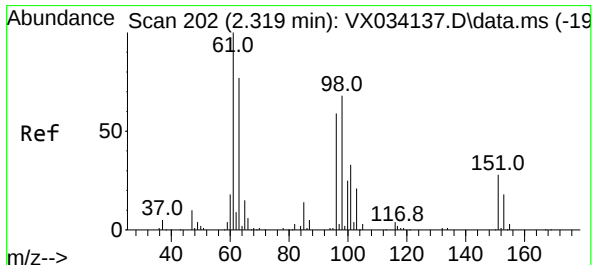
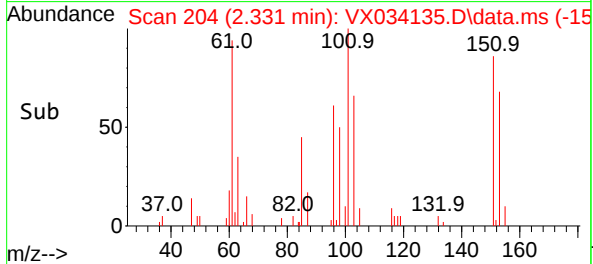
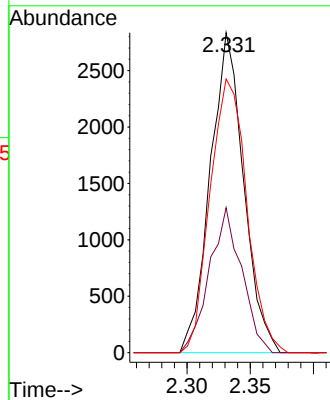
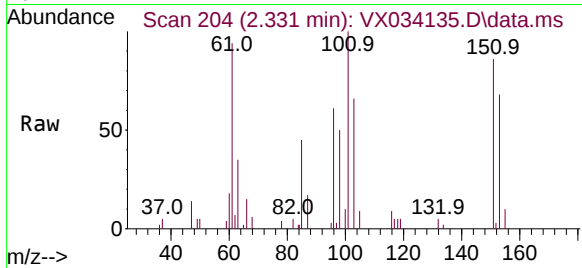
Tgt Ion:101 Resp: 5204

Ion Ratio Lower Upper

101 100

85 43.9 32.2 48.4

151 94.0 69.3 103.9



#12

1,1-Dichloroethene

Concen: 5.396 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

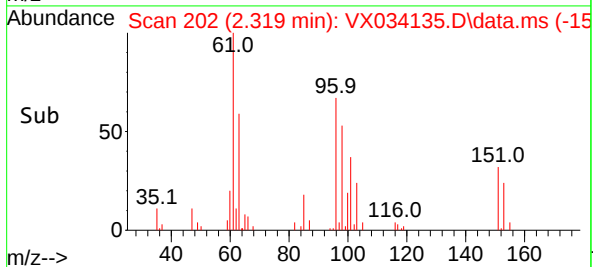
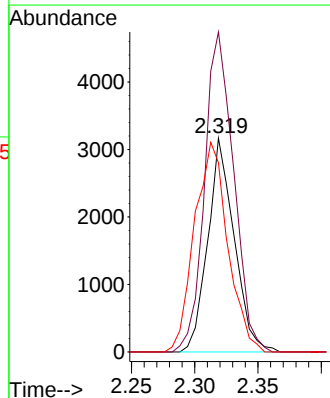
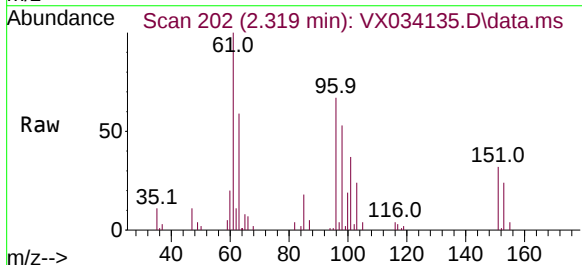
Tgt Ion: 96 Resp: 4605

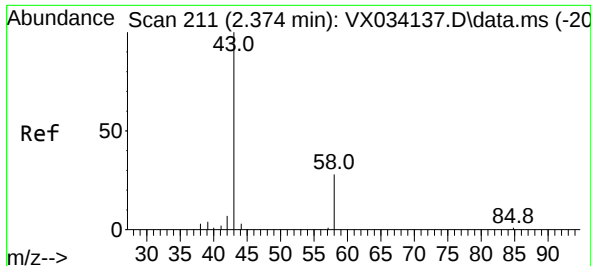
Ion Ratio Lower Upper

96 100

61 149.7 107.6 199.8

63 88.6 69.6 129.2





#13

Acetone

Concen: 9.467 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

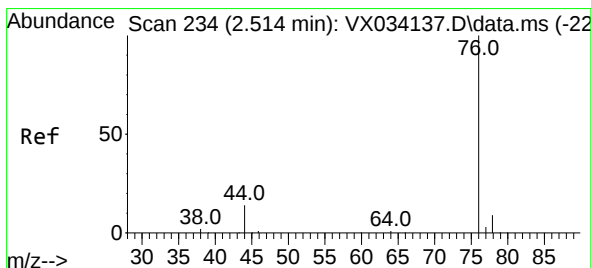
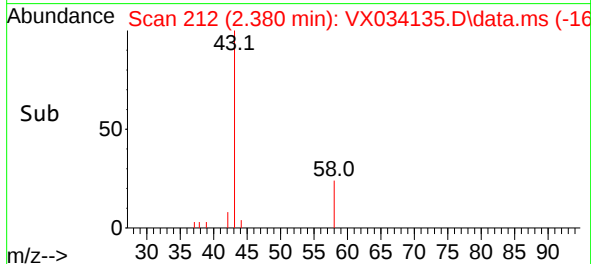
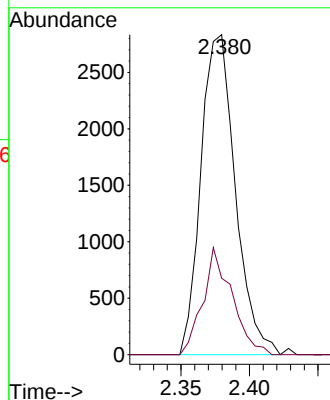
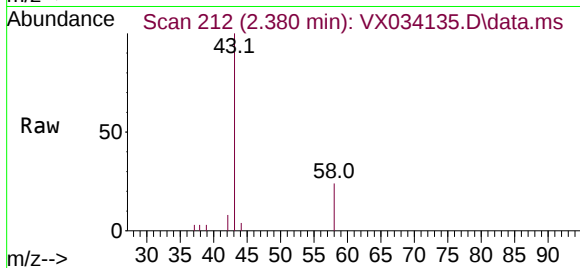
VSTD005619

Tgt Ion: 43 Resp: 4951

Ion Ratio Lower Upper

43 100

58 28.4 0.0 62.8



#14

Carbon disulfide

Concen: 7.022 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034135.D

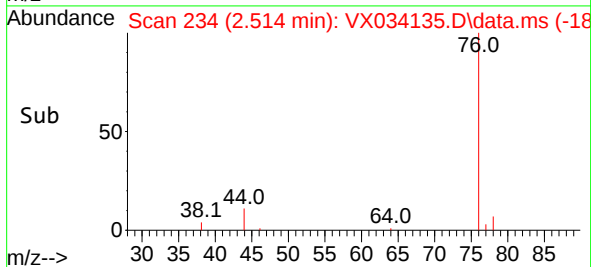
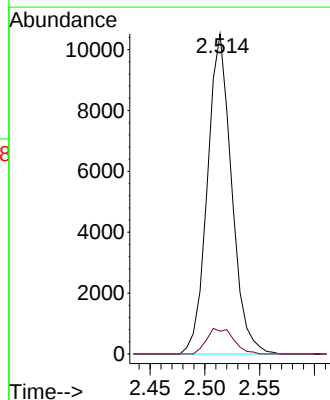
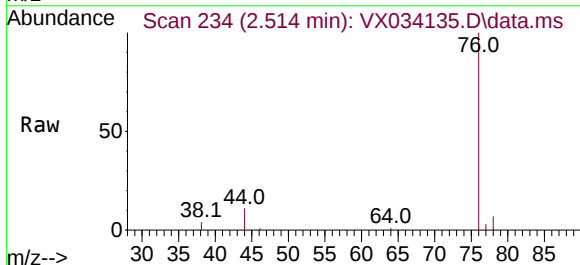
Acq: 13 Feb 2023 10:35

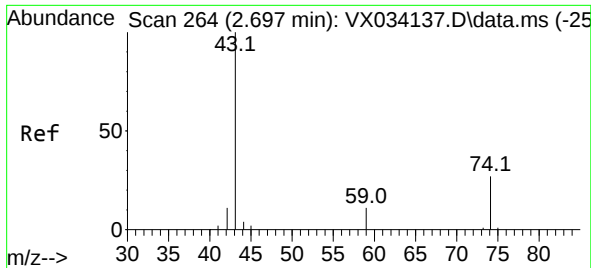
Tgt Ion: 76 Resp: 16161

Ion Ratio Lower Upper

76 100

78 7.1 7.4 11.2#

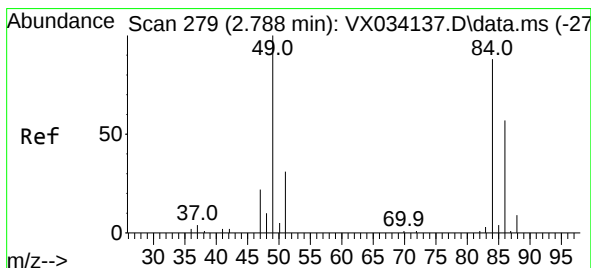
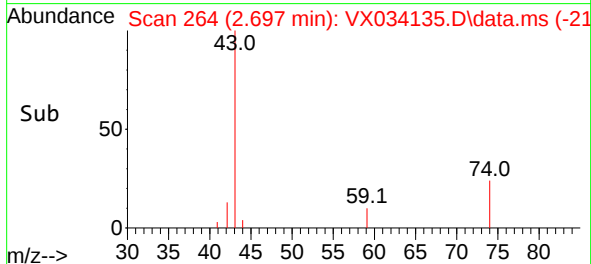
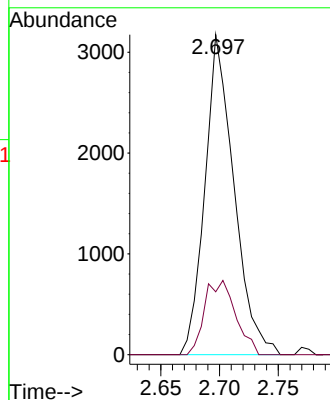
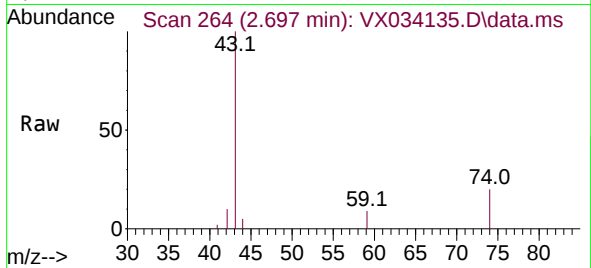




#15
Methyl Acetate
Concen: 6.462 ug/L
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

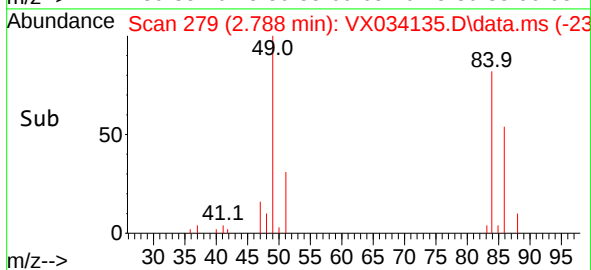
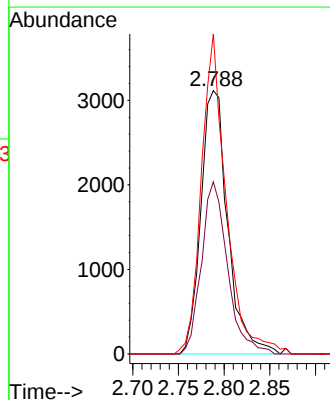
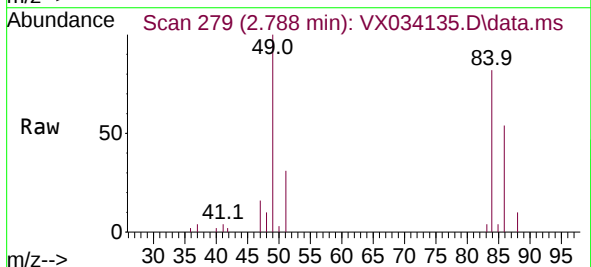
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

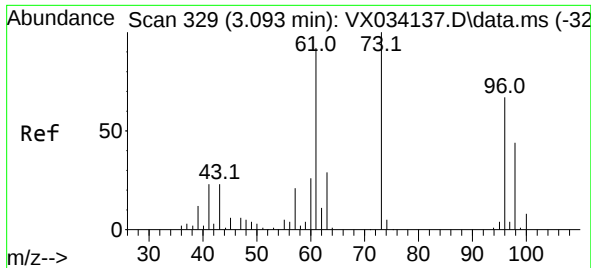
Tgt Ion: 43 Resp: 5466
Ion Ratio Lower Upper
43 100
74 24.7 19.7 29.5



#16
Methylene chloride
Concen: 7.087 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion: 84 Resp: 6369
Ion Ratio Lower Upper
84 100
86 65.3 45.2 84.0
49 121.5 82.5 153.1

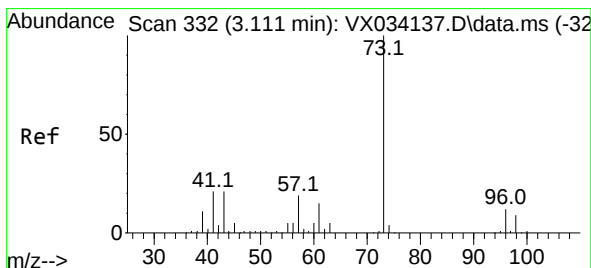
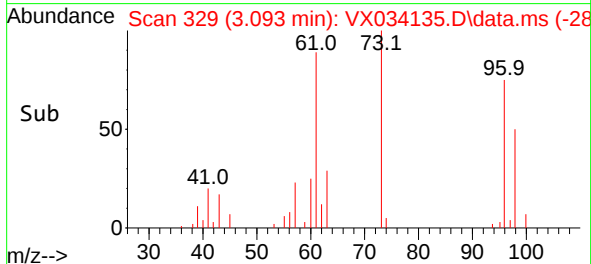
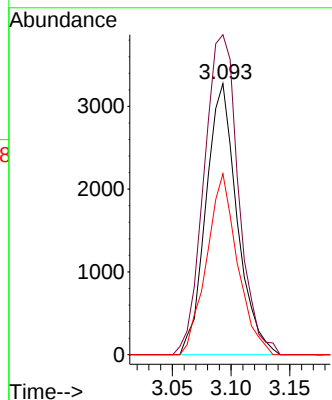
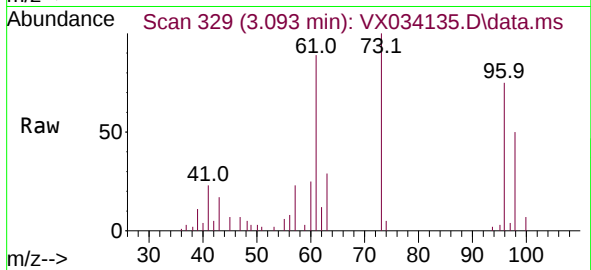




#17
trans-1,2-Dichloroethene
Concen: 6.883 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

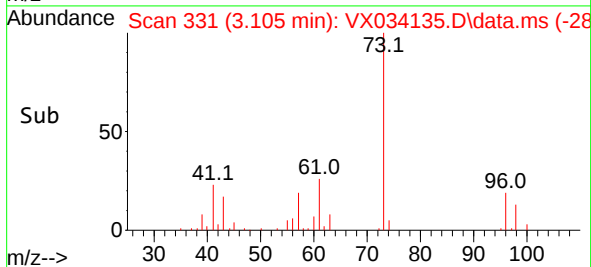
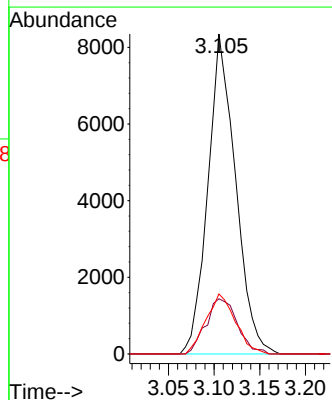
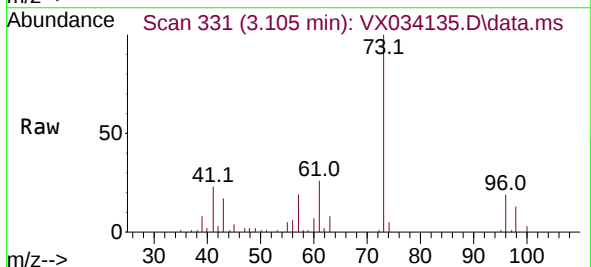
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

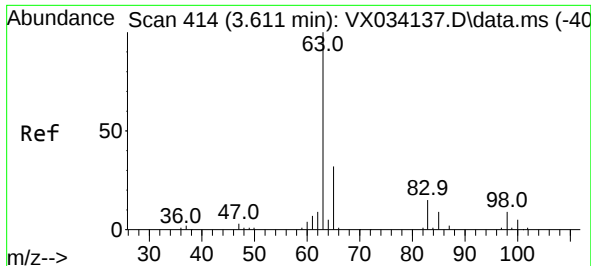
Tgt Ion: 96 Resp: 6044
Ion Ratio Lower Upper
96 100
61 118.1 87.7 162.9
98 66.8 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 6.721 ug/L
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion: 73 Resp: 17544
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4
57 20.0 17.5 26.3





#19

1,1-Dichloroethane

Concen: 6.605 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD005619

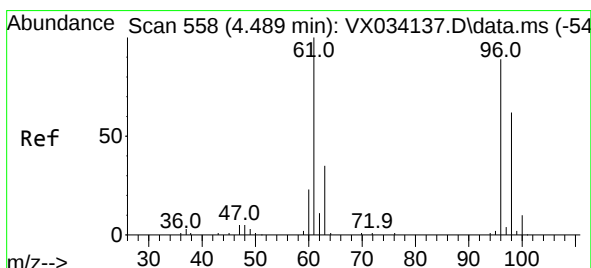
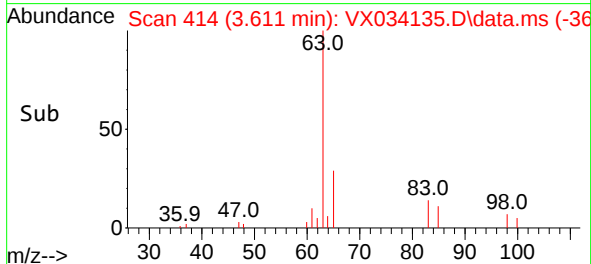
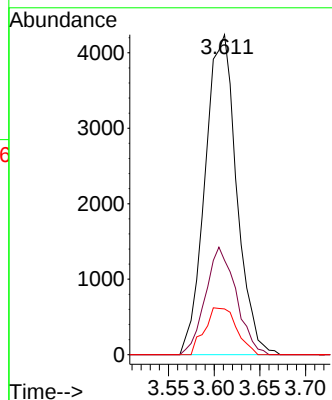
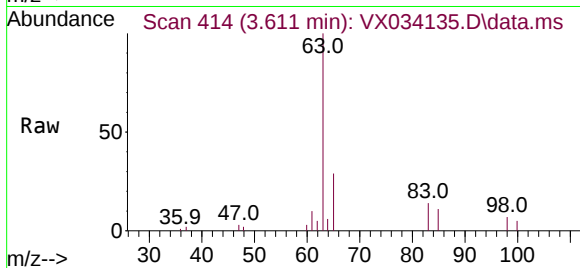
Tgt Ion: 63 Resp: 10174

Ion Ratio Lower Upper

63 100

65 29.5 21.9 40.7

83 14.3 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 6.390 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

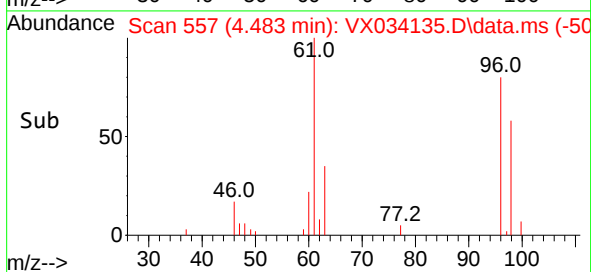
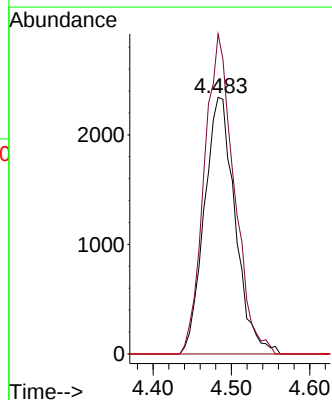
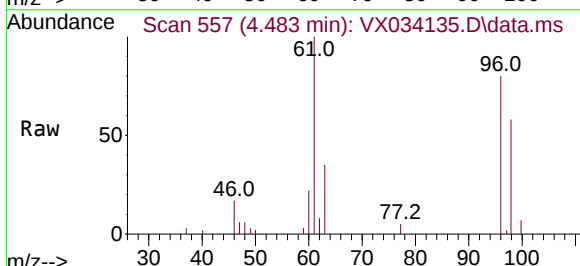
Tgt Ion: 96 Resp: 6417

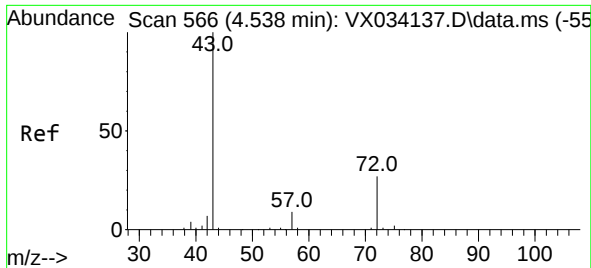
Ion Ratio Lower Upper

96 100

61 124.7 80.3 149.1

68 0.0 0.0 0.0

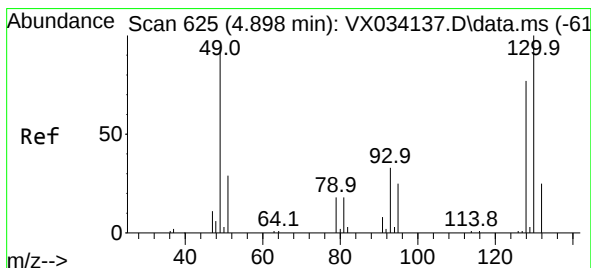
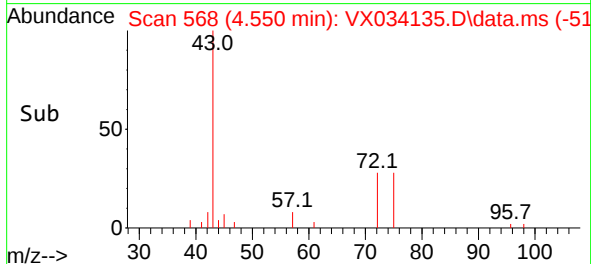
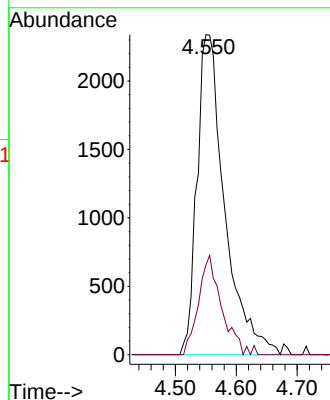
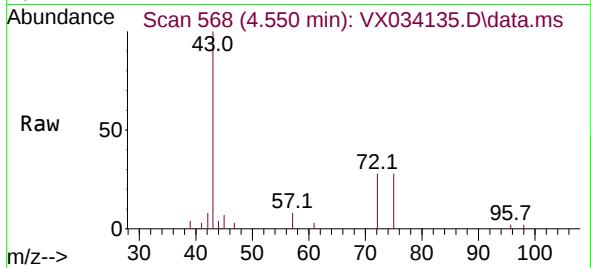




#22
2-Butanone
Concen: 11.366 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

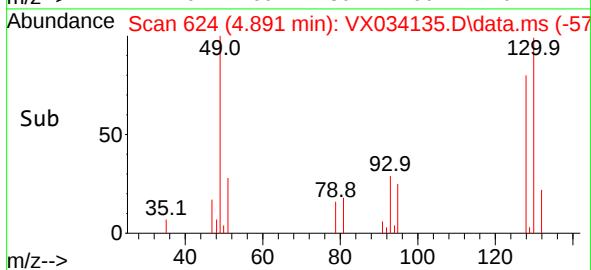
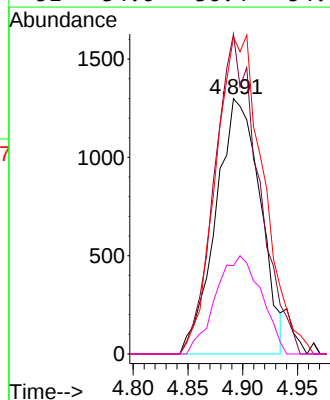
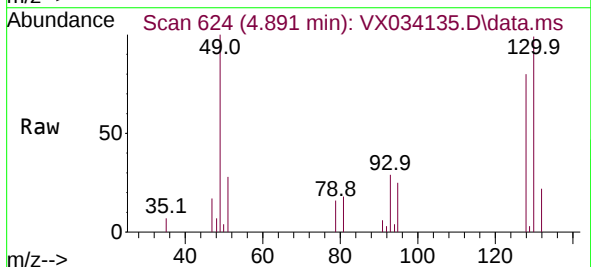
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

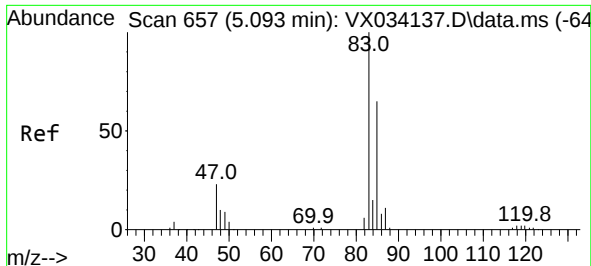
Tgt Ion: 43 Resp: 7380
Ion Ratio Lower Upper
43 100
72 25.4 13.2 39.6



#23
Bromochloromethane
Concen: 6.532 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion:128 Resp: 3675
Ion Ratio Lower Upper
128 100
49 125.3 94.7 175.9
130 124.2 91.3 169.6
51 34.6 36.4 54.6#





#25

Chloroform

Concen: 6.893 ug/L

RT: 5.087 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

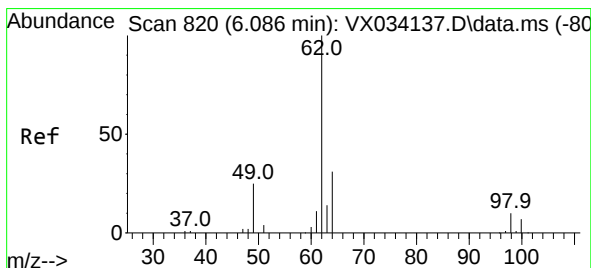
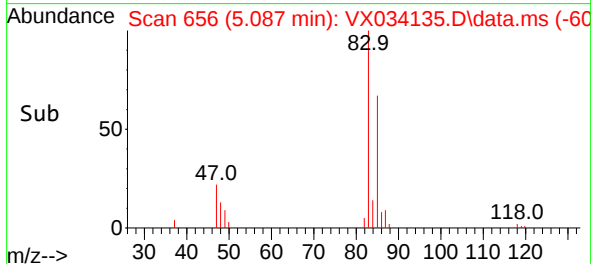
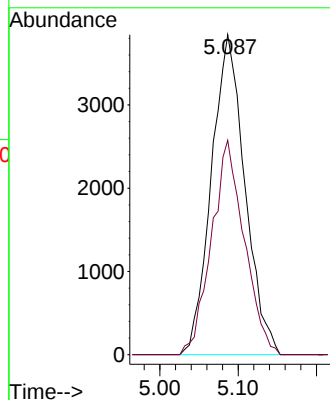
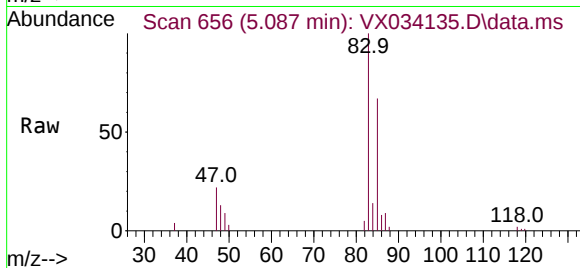
VSTD005619

Tgt Ion: 83 Resp: 11436

Ion Ratio Lower Upper

83 100

85 67.0 47.0 87.4



#27

1,2-Dichloroethane

Concen: 6.908 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX034135.D

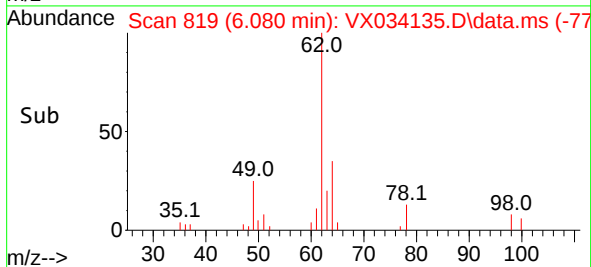
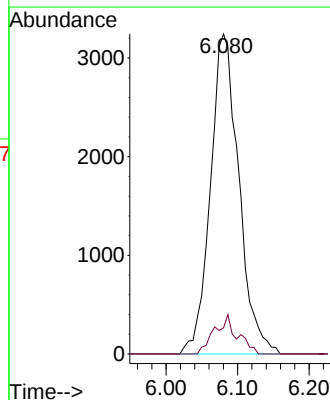
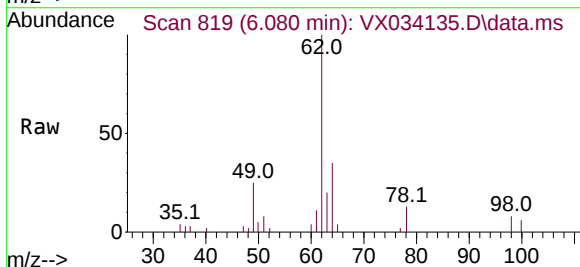
Acq: 13 Feb 2023 10:35

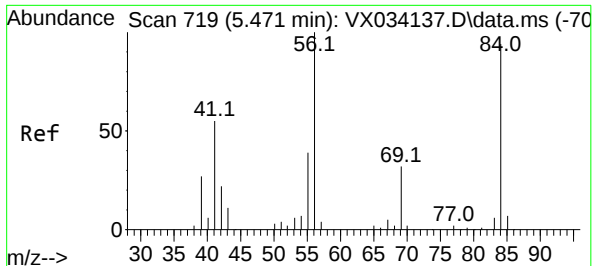
Tgt Ion: 62 Resp: 8968

Ion Ratio Lower Upper

62 100

98 8.2 9.1 13.7#





#29

Cyclohexane

Concen: 5.858 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.012 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD005619

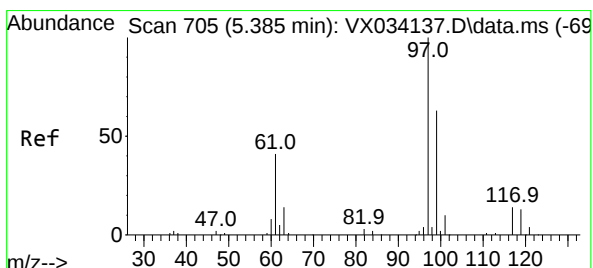
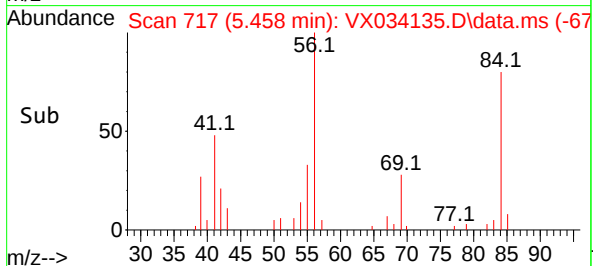
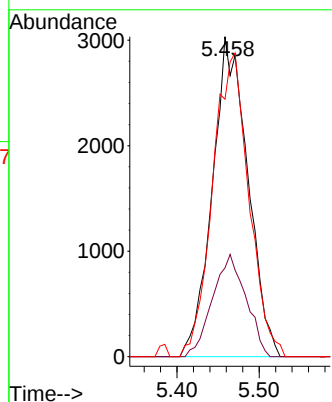
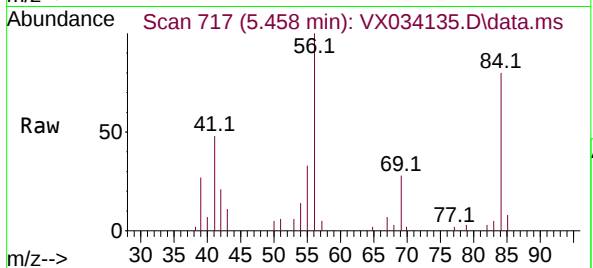
Tgt Ion: 56 Resp: 9092

Ion Ratio Lower Upper

56 100

69 30.1 24.8 37.2

84 97.0 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 6.731 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

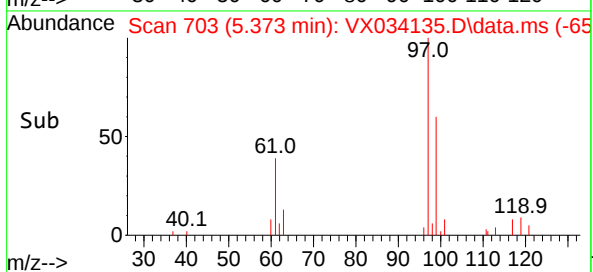
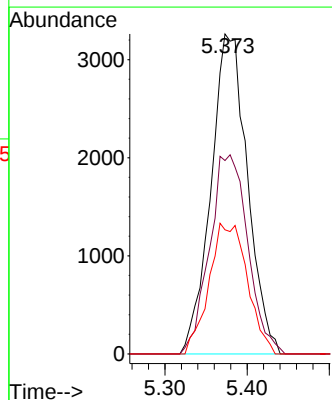
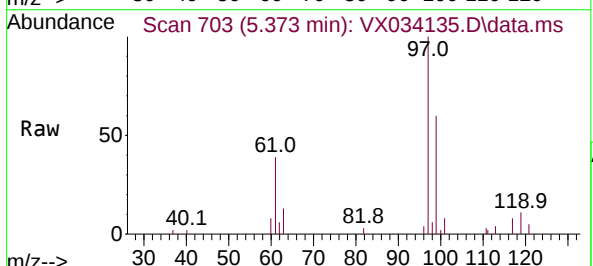
Tgt Ion: 97 Resp: 10053

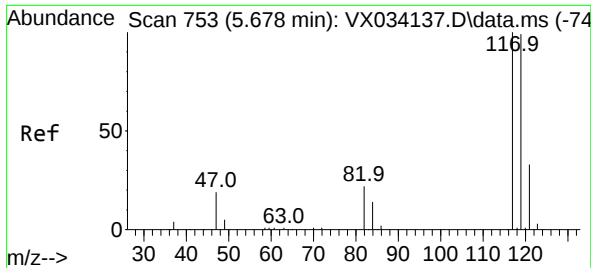
Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.8

61 25.0 34.7 52.1#

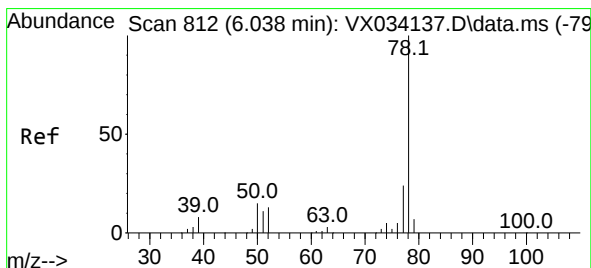
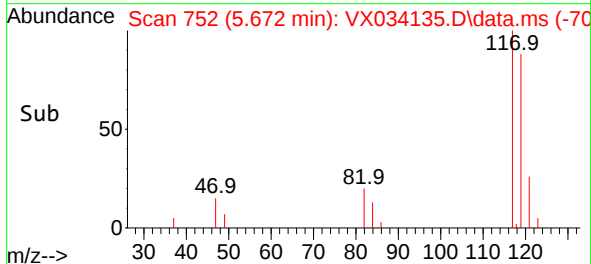
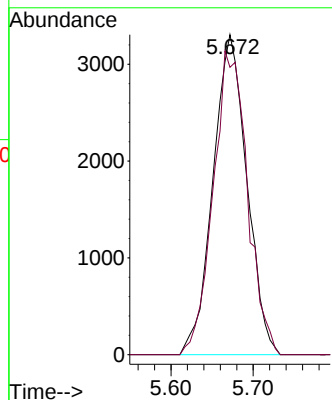
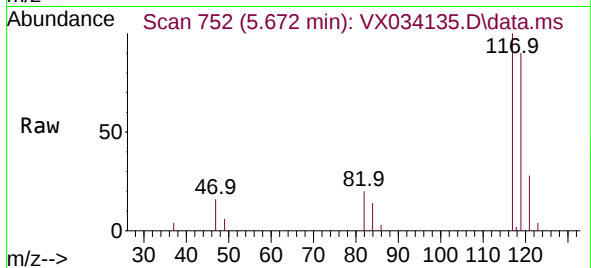




#31
Carbon tetrachloride
Concen: 6.784 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

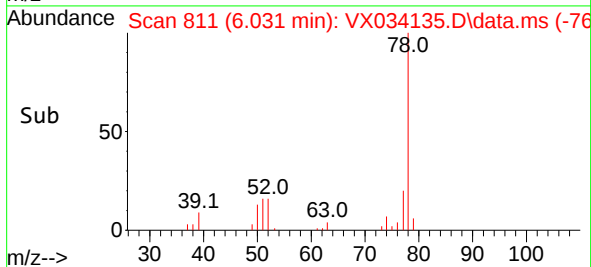
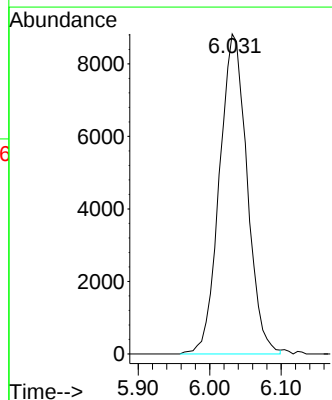
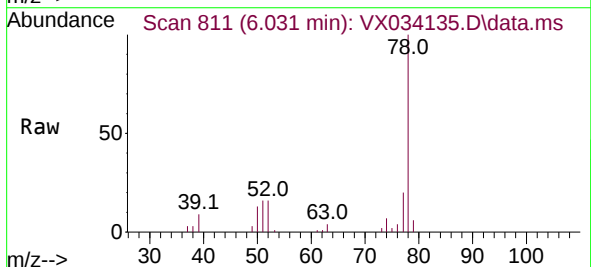
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

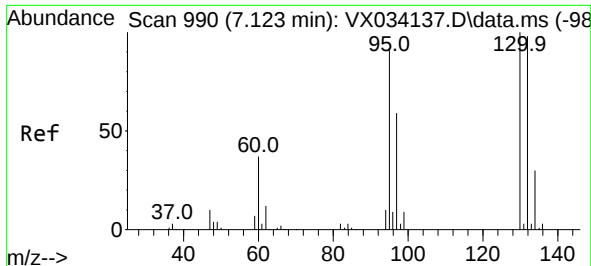
Tgt Ion:117 Resp: 9456
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7



#33
Benzene
Concen: 6.227 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion: 78 Resp: 23696

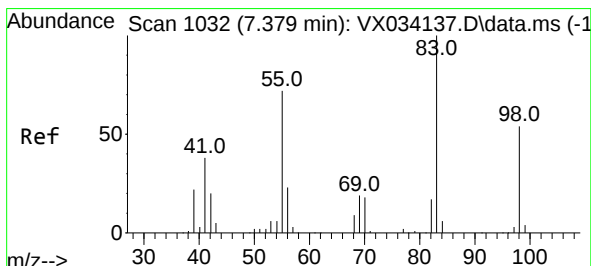
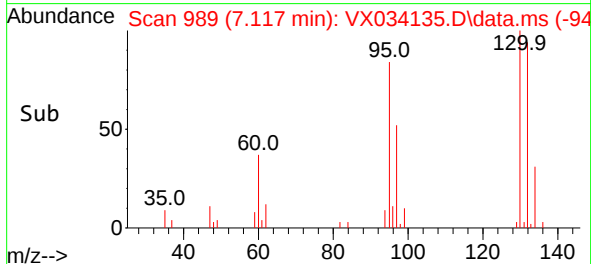
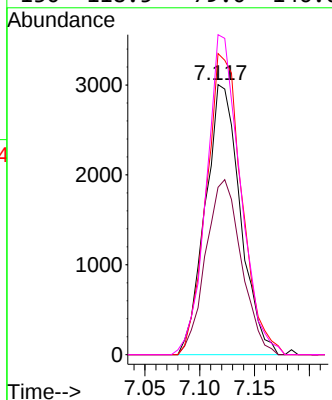
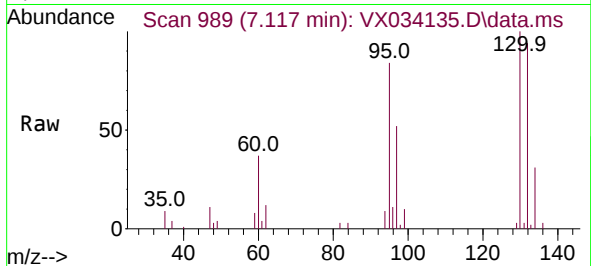




#34
Trichloroethene
Concen: 6.390 ug/L
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

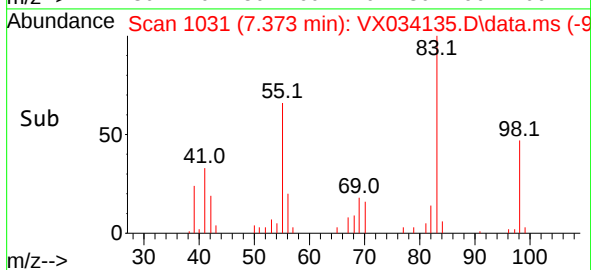
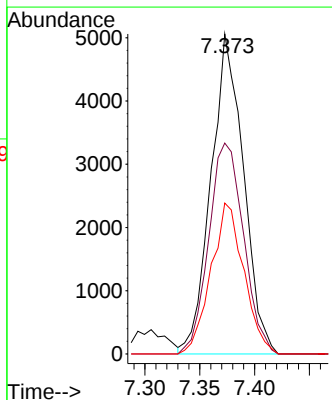
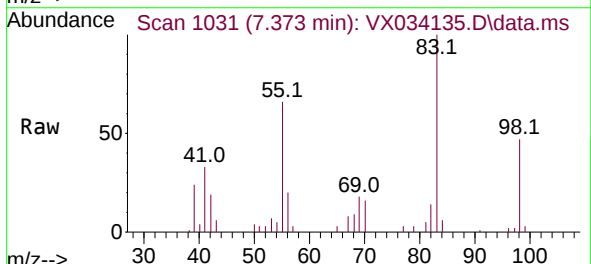
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

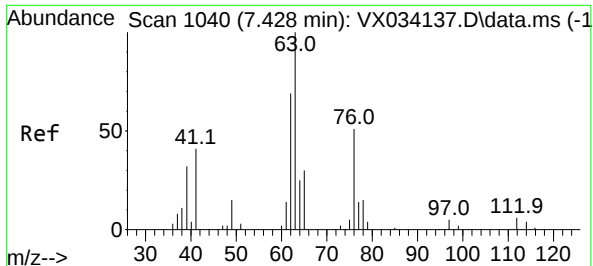
Tgt Ion: 95 Resp: 6655
Ion Ratio Lower Upper
95 100
97 62.0 46.8 87.0
132 111.5 76.2 141.4
130 118.5 79.0 146.6



#35
Methylcyclohexane
Concen: 6.323 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion: 83 Resp: 10429
Ion Ratio Lower Upper
83 100
55 70.6 59.0 88.4
98 47.7 40.6 60.8





#37

1,2-Dichloropropane

Concen: 6.149 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

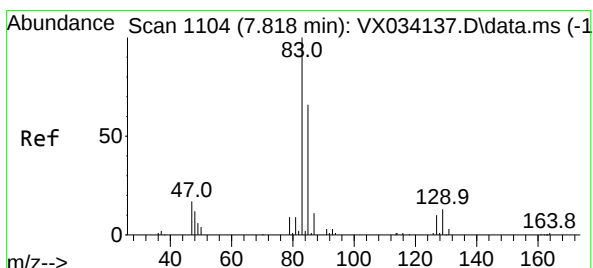
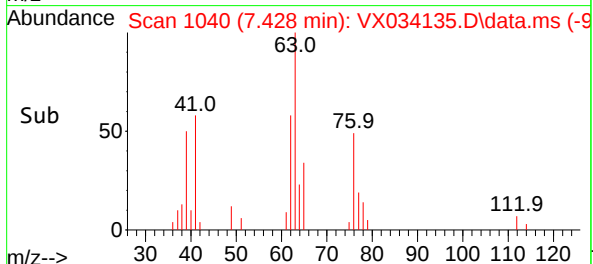
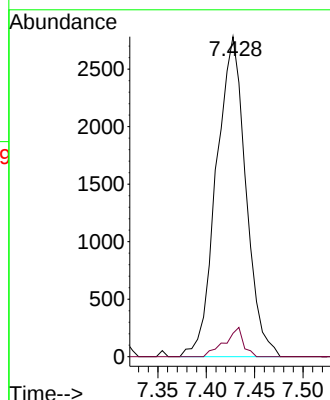
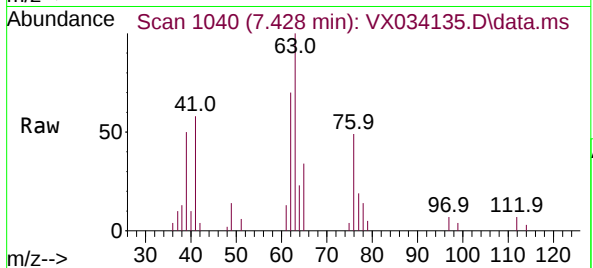
VSTD005619

Tgt Ion: 63 Resp: 5903

Ion Ratio Lower Upper

63 100

112 5.8 4.1 6.1



#38

Bromodichloromethane

Concen: 6.242 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

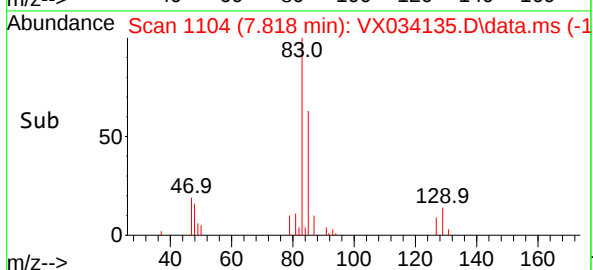
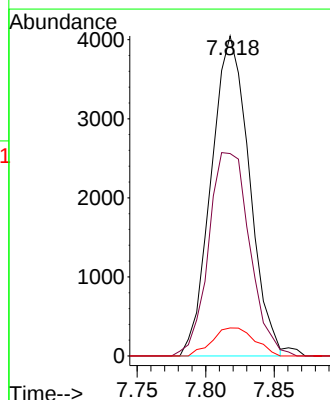
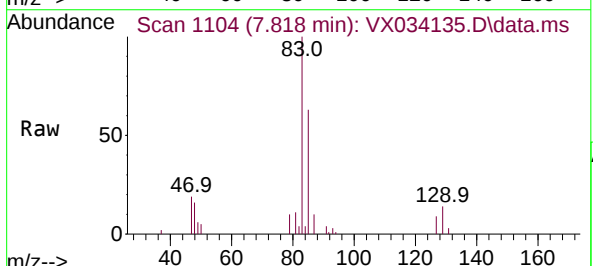
Tgt Ion: 83 Resp: 7821

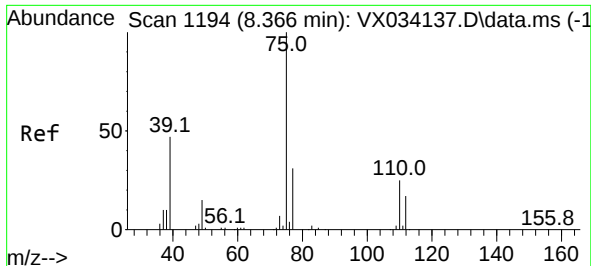
Ion Ratio Lower Upper

83 100

85 63.3 46.3 85.9

127 8.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.827 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

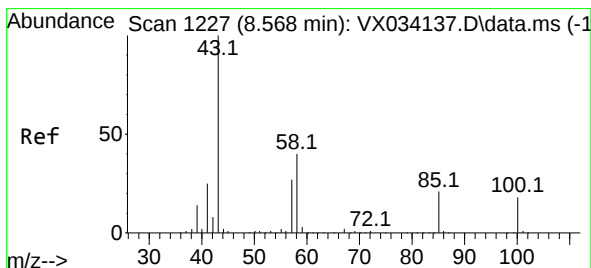
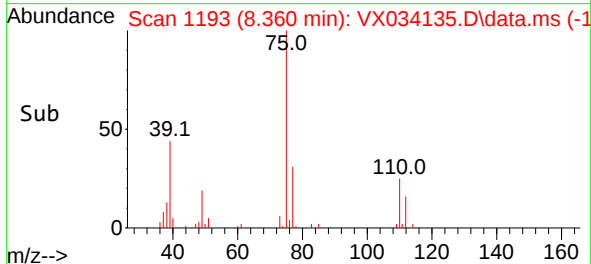
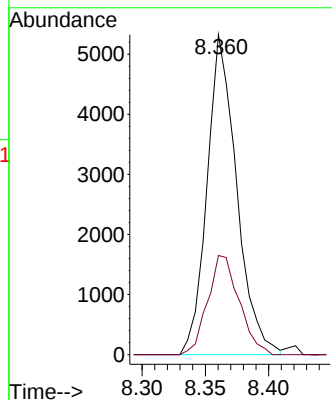
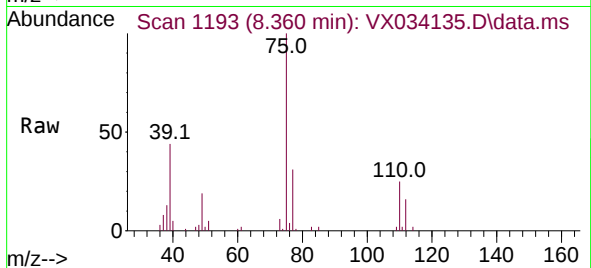
VSTD005619

Tgt Ion: 75 Resp: 8669

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 10.879 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

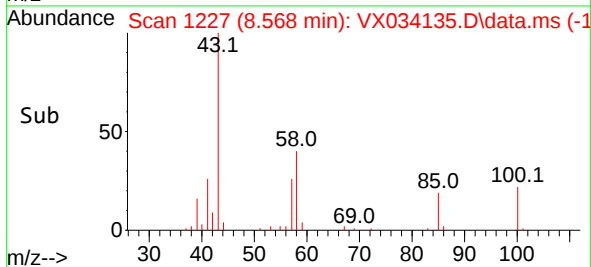
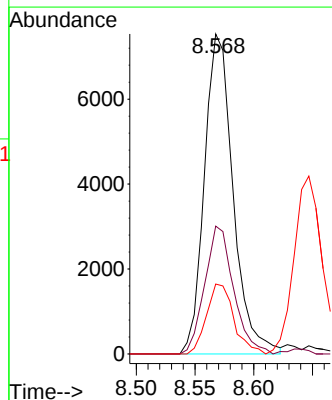
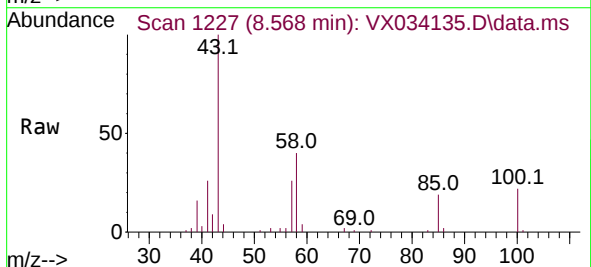
Tgt Ion: 43 Resp: 12828

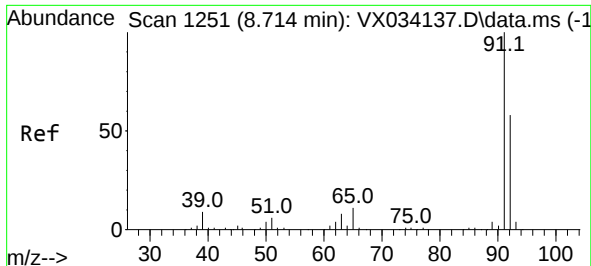
Ion Ratio Lower Upper

43 100

58 40.1 31.9 47.9

100 20.8 14.4 21.6





#42

Toluene

Concen: 6.169 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

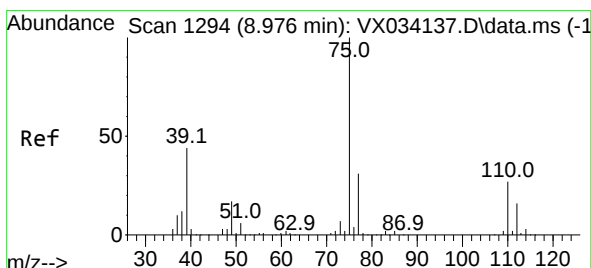
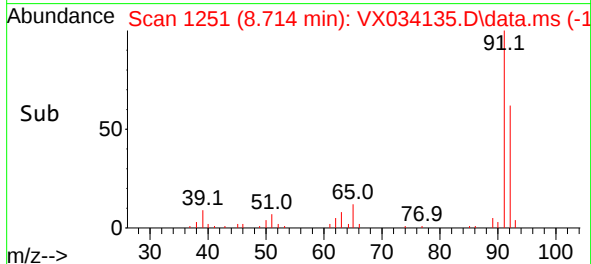
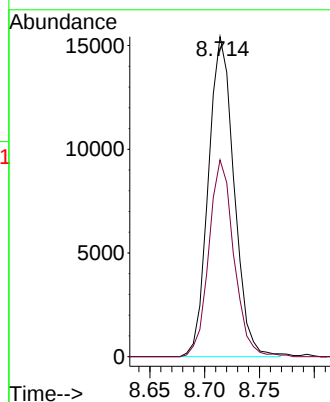
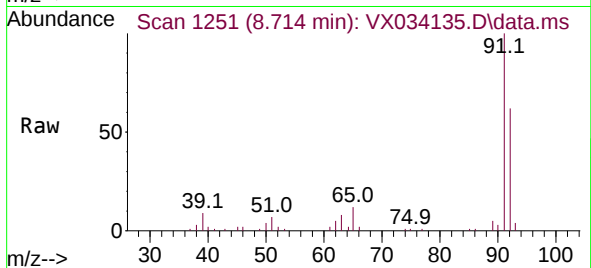
VSTD005619

Tgt Ion: 91 Resp: 25123

Ion Ratio Lower Upper

91 100

92 61.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 5.574 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX034135.D

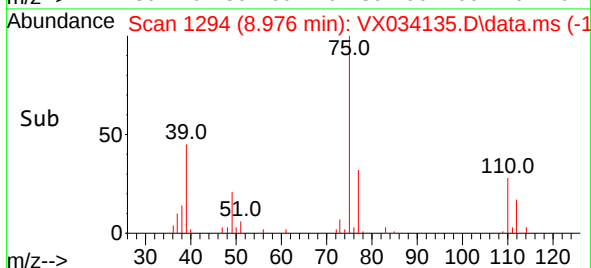
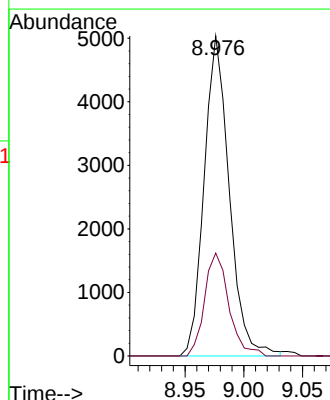
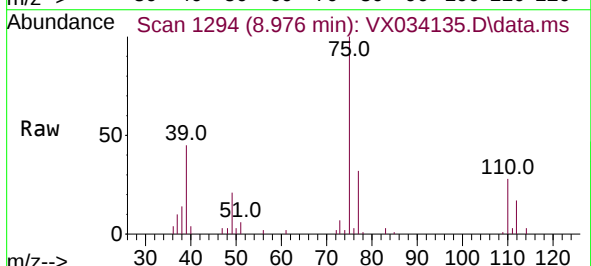
Acq: 13 Feb 2023 10:35

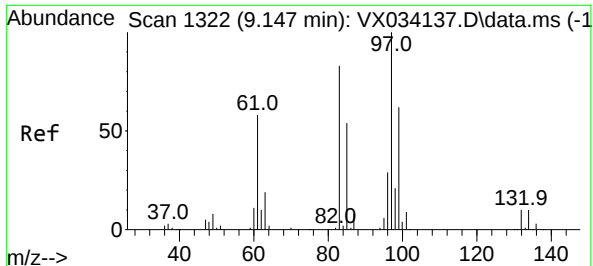
Tgt Ion: 75 Resp: 7495

Ion Ratio Lower Upper

75 100

77 32.2 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 6.397 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD005619

Tgt Ion: 97 Resp: 6295

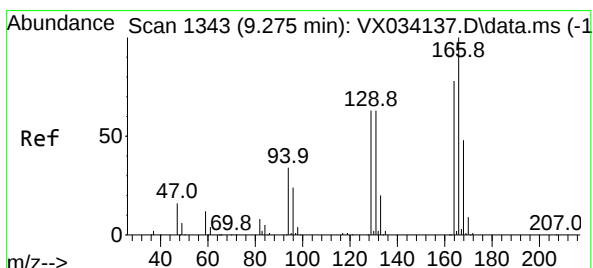
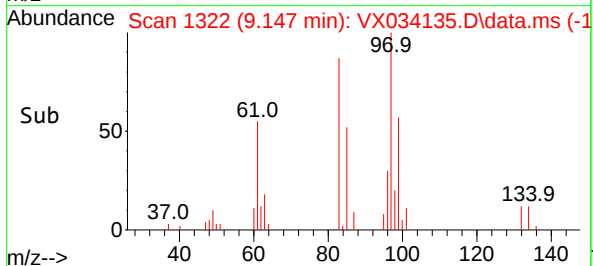
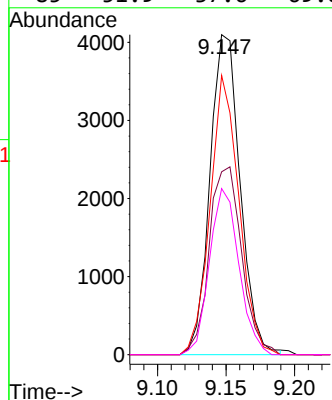
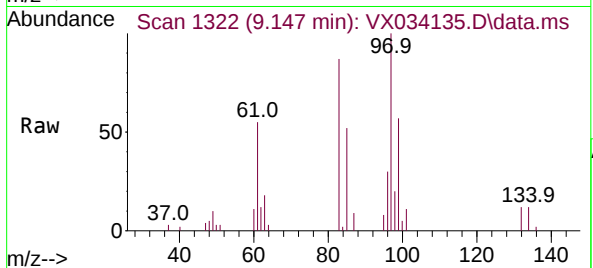
Ion Ratio Lower Upper

97 100

99 57.2 43.5 80.9

83 87.3 56.8 105.4

85 51.9 37.6 69.8



#46

Tetrachloroethene

Concen: 6.568 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Tgt Ion: 164 Resp: 6589

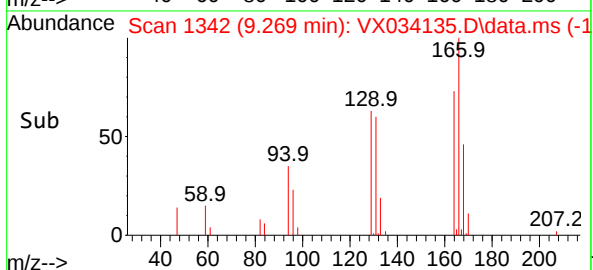
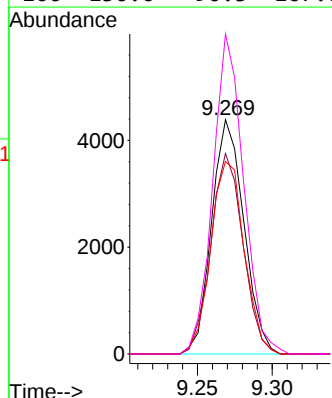
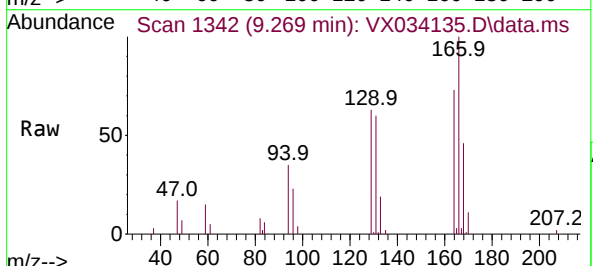
Ion Ratio Lower Upper

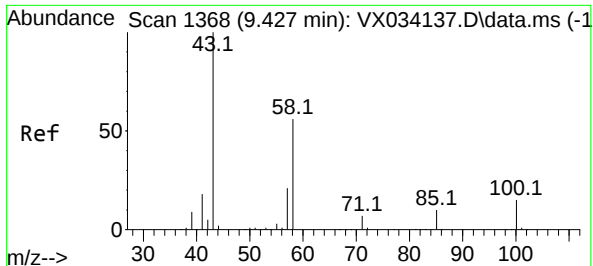
164 100

129 85.6 59.3 110.1

131 82.2 56.1 104.3

166 136.6 90.3 167.7

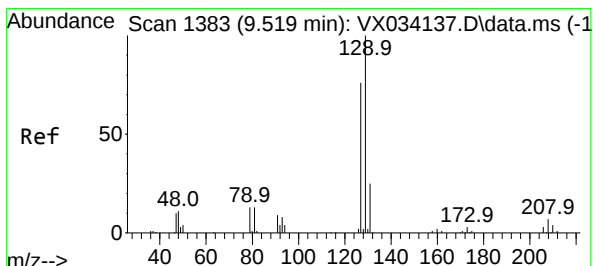
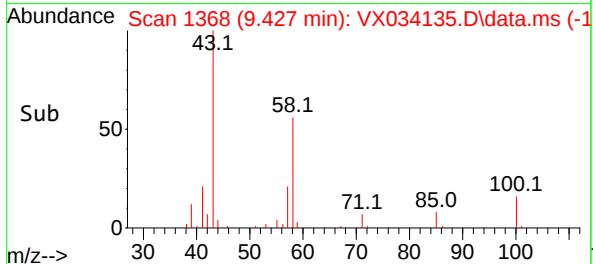
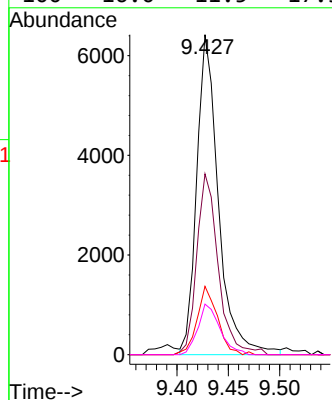
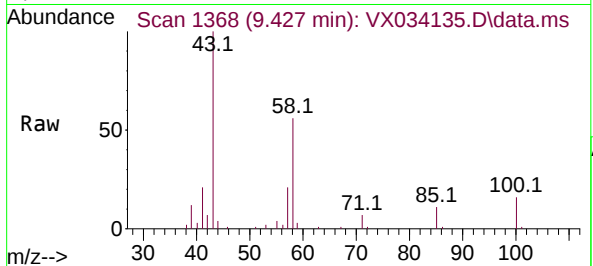




#48
2-Hexanone
Concen: 10.149 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

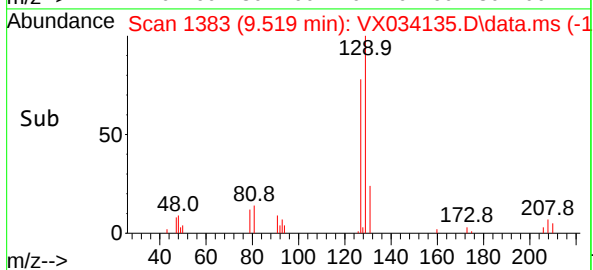
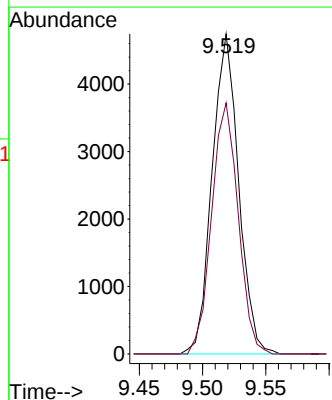
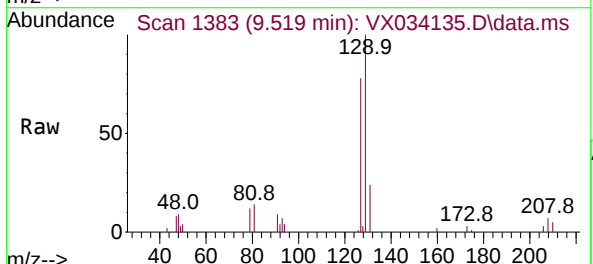
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

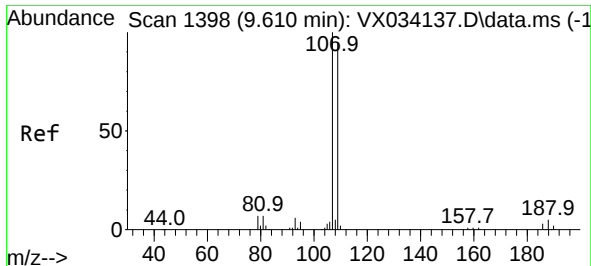
Tgt Ion:	43	Resp:	9484
Ion	Ratio	Lower	Upper
43	100		
58	55.3	45.7	68.5
57	19.8	15.8	23.8
100	16.0	11.5	17.3



#49
Dibromochloromethane
Concen: 6.414 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion:	129	Resp:	6901
Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.3	98.9





#50

1,2-Dibromoethane

Concen: 6.191 ug/L

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD005619

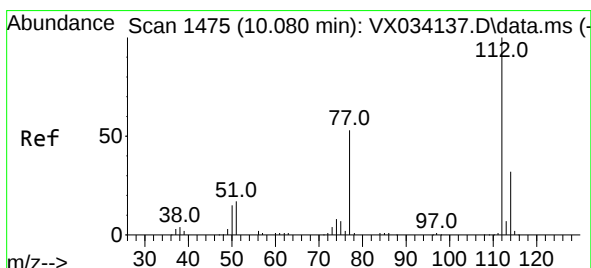
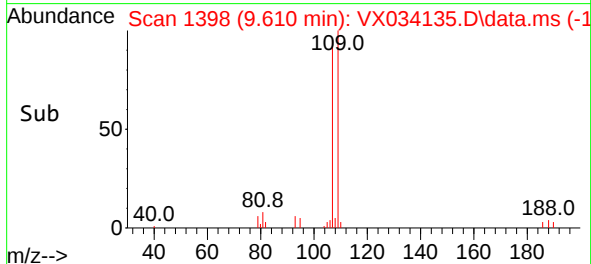
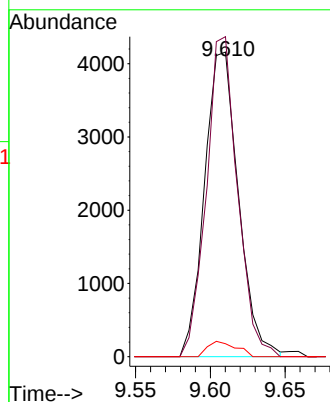
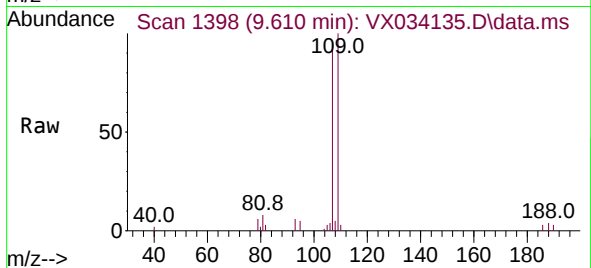
Tgt Ion:107 Resp: 6565

Ion Ratio Lower Upper

107 100

109 105.0 64.9 120.5

188 4.3 3.3 4.9



#51

Chlorobenzene

Concen: 6.488 ug/L

RT: 10.073 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

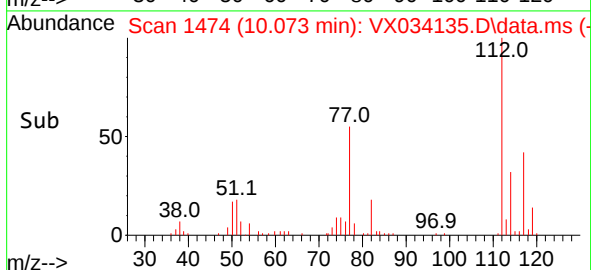
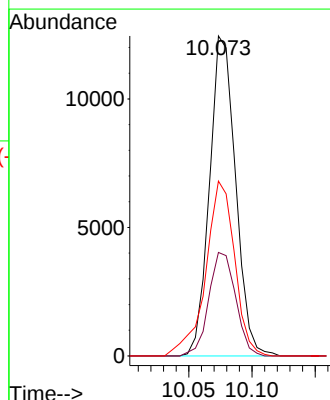
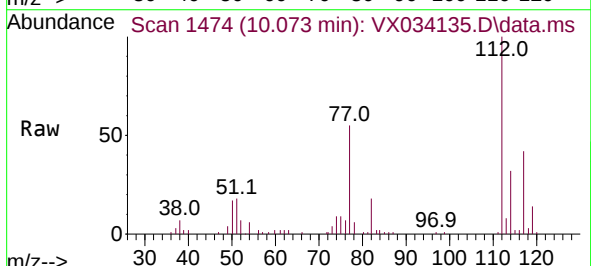
Tgt Ion:112 Resp: 17841

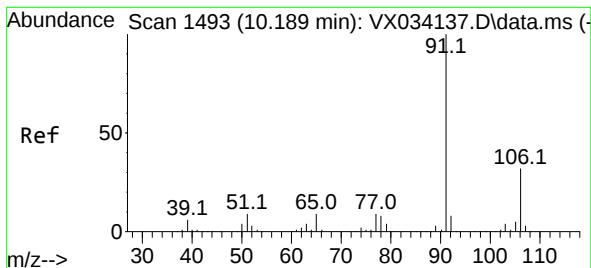
Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.3

77 54.7 43.4 65.0

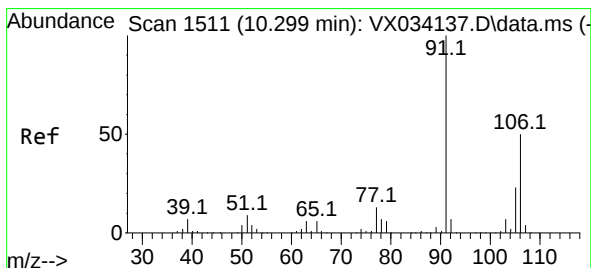
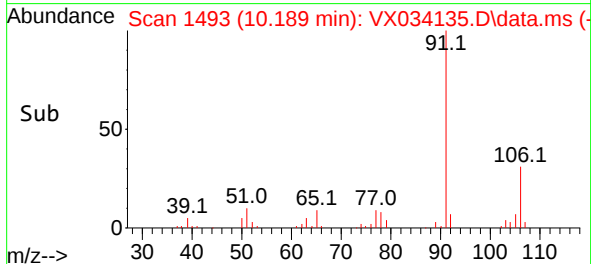
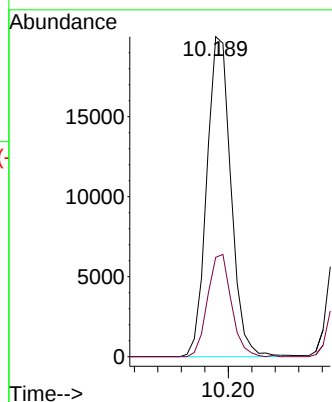
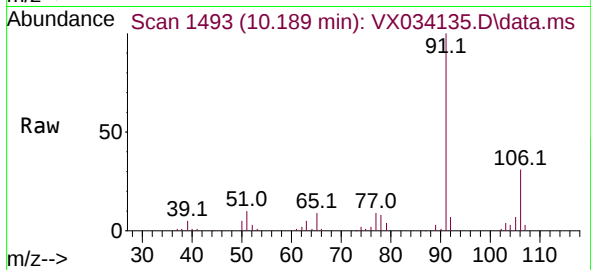




#52
Ethylbenzene
Concen: 6.340 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

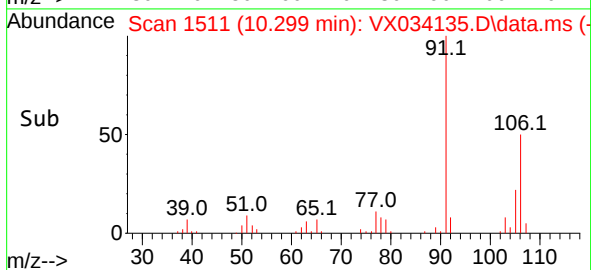
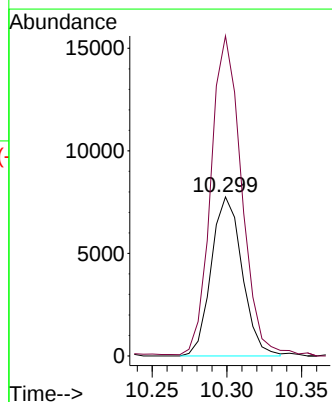
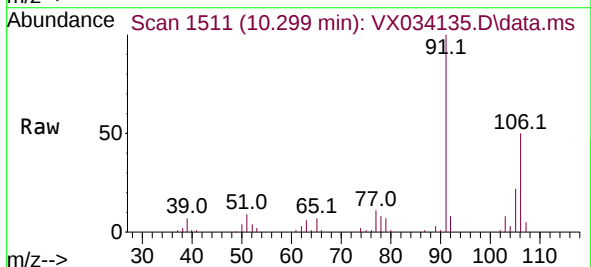
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

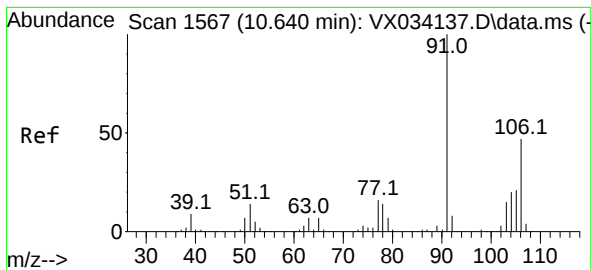
Tgt Ion: 91 Resp: 28517
Ion Ratio Lower Upper
91 100
106 31.1 23.2 43.0



#53
m,p-Xylene
Concen: 6.212 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion: 106 Resp: 11146
Ion Ratio Lower Upper
106 100
91 201.2 135.2 251.0





#54

o-Xylene

Concen: 6.109 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

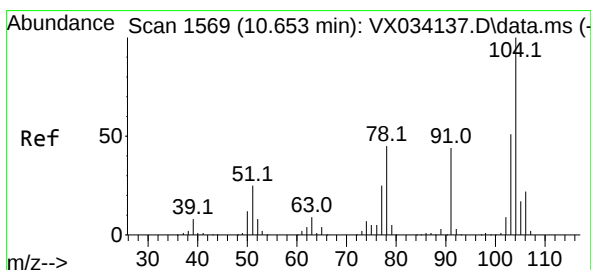
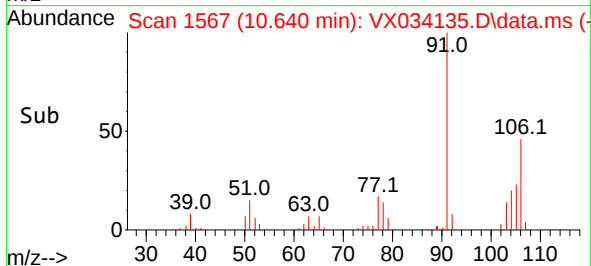
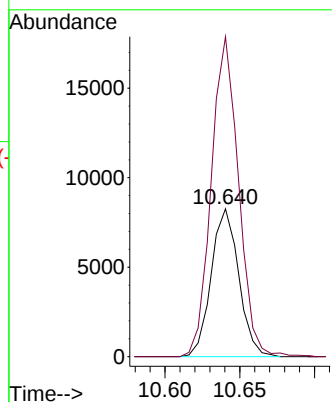
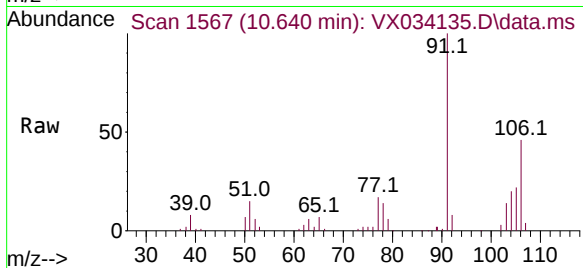
VSTD005619

Tgt Ion:106 Resp: 10585

Ion Ratio Lower Upper

106 100

91 216.4 140.2 260.4



#55

Styrene

Concen: 6.032 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034135.D

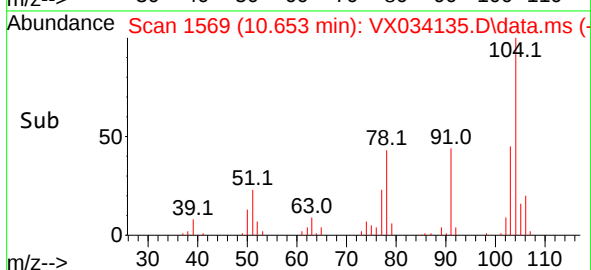
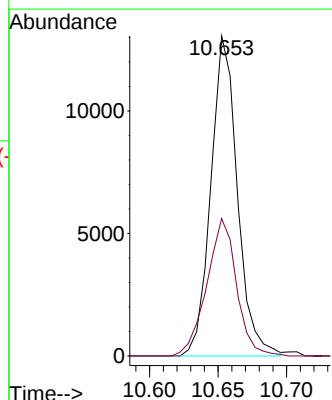
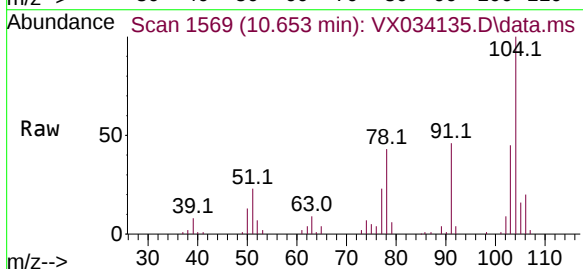
Acq: 13 Feb 2023 10:35

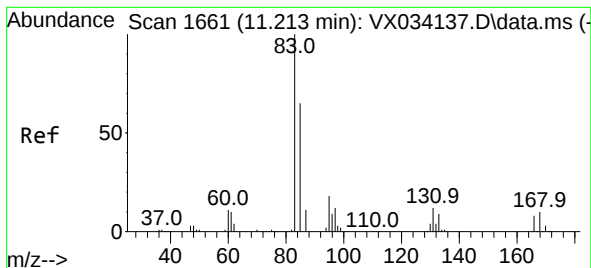
Tgt Ion:104 Resp: 17584

Ion Ratio Lower Upper

104 100

78 42.9 30.0 55.8





#57

1,1,2,2-Tetrachloroethane

Concen: 6.100 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD005619

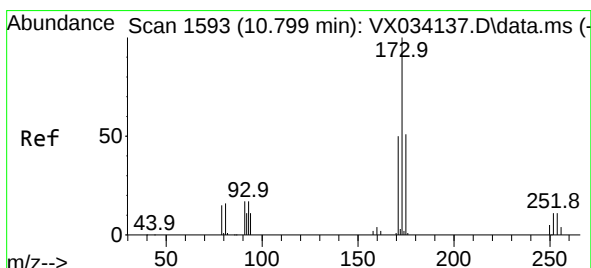
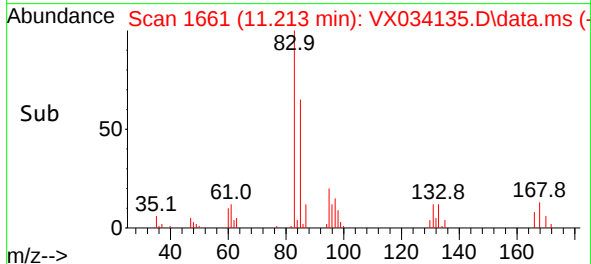
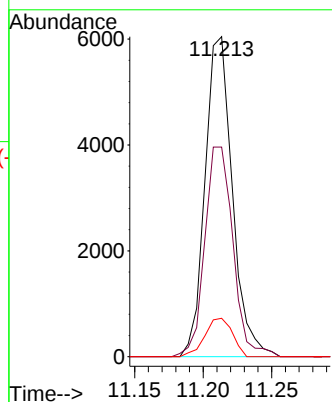
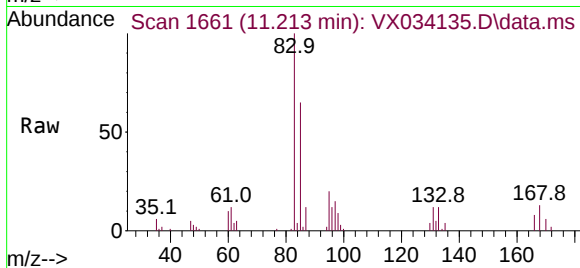
Tgt Ion: 83 Resp: 8416

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.0

131 12.0 9.1 13.7



#59

Bromoform

Concen: 6.162 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

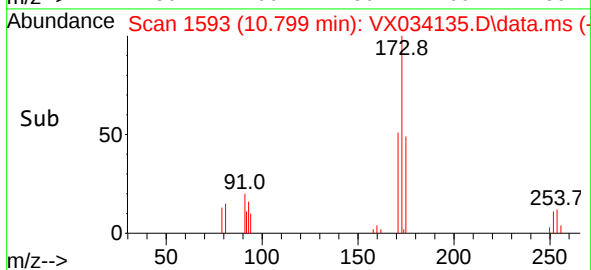
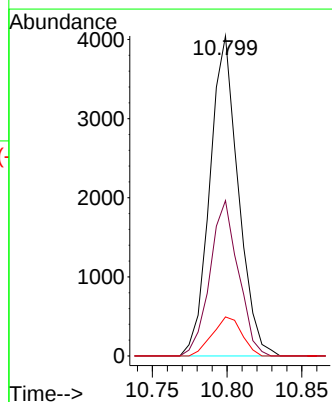
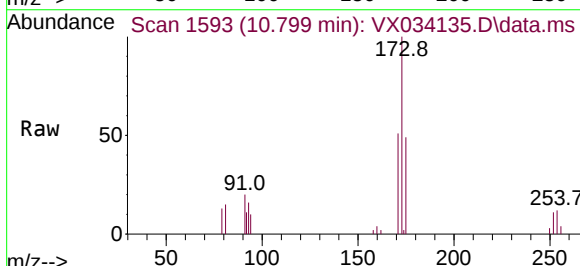
Tgt Ion:173 Resp: 5347

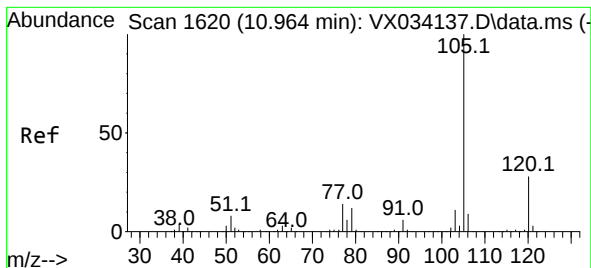
Ion Ratio Lower Upper

173 100

175 48.5 38.3 57.5

254 12.7 9.1 13.7





#60

Isopropylbenzene

Concen: 6.317 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD005619

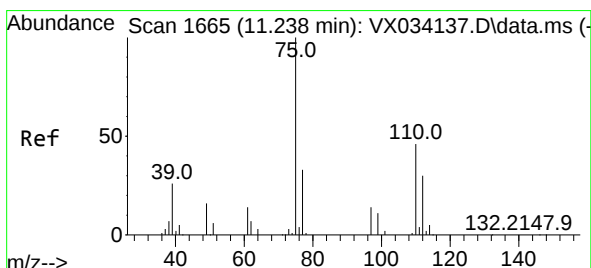
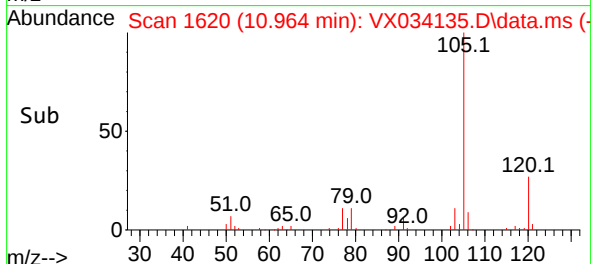
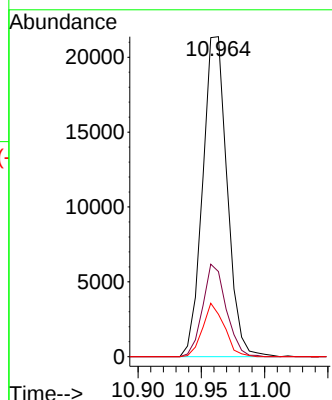
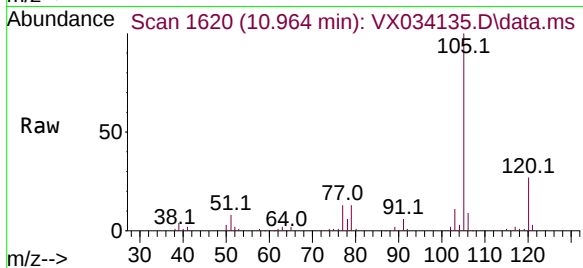
Tgt Ion:105 Resp: 28835

Ion Ratio Lower Upper

105 100

120 27.7 21.8 32.6

77 14.7 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 6.403 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

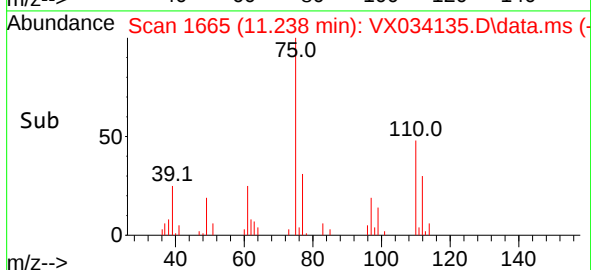
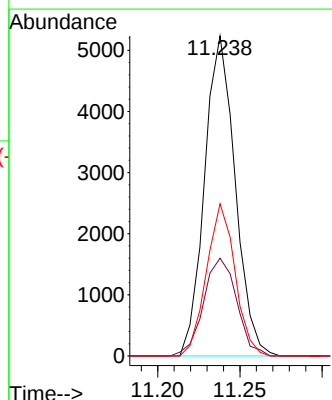
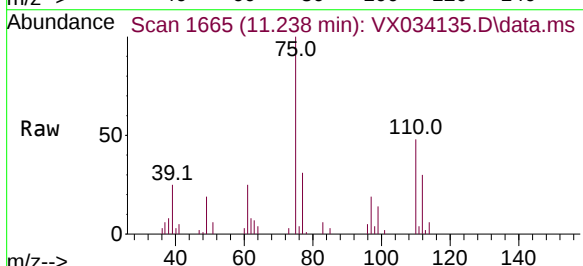
Tgt Ion: 75 Resp: 6762

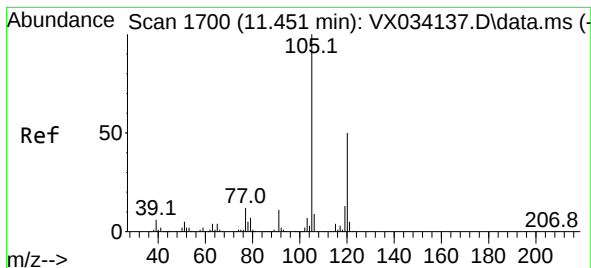
Ion Ratio Lower Upper

75 100

77 33.1 26.1 39.1

110 44.4 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 6.198 ug/L

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034135.D

Acq: 13 Feb 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

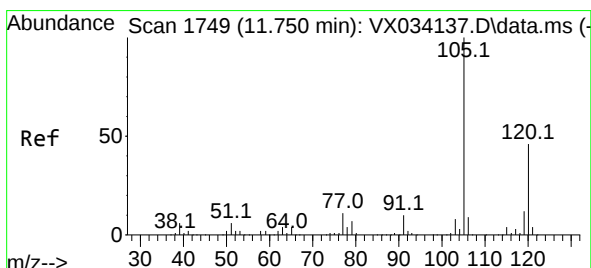
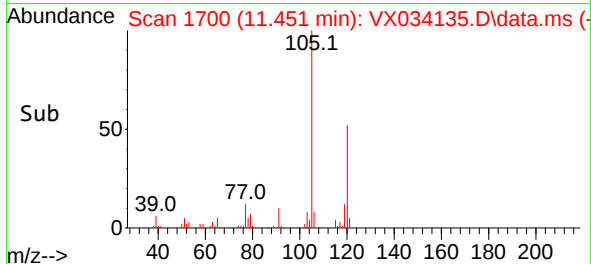
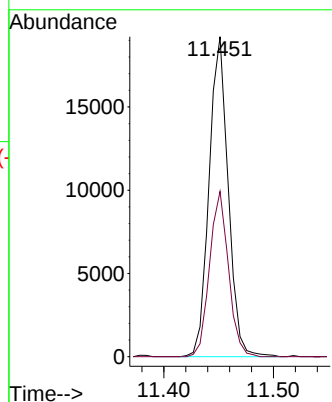
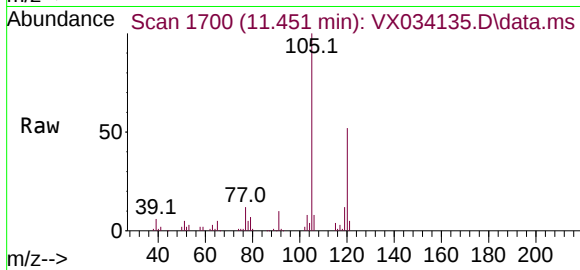
VSTD005619

Tgt Ion:105 Resp: 23252

Ion Ratio Lower Upper

105 100

120 51.1 41.3 61.9



#63

1,2,4-Trimethylbenzene

Concen: 6.075 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034135.D

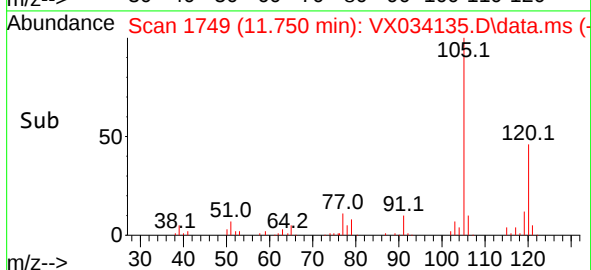
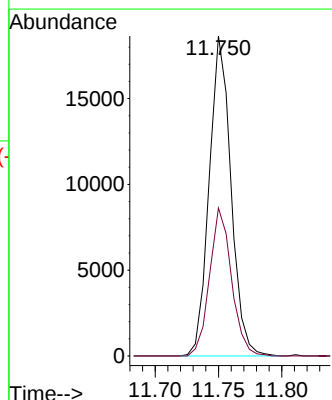
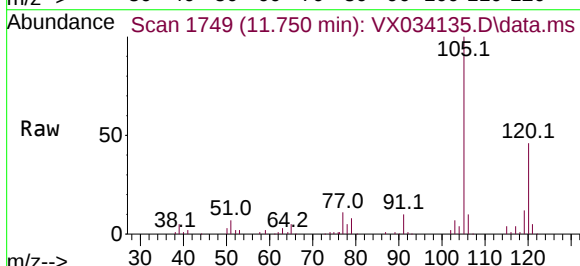
Acq: 13 Feb 2023 10:35

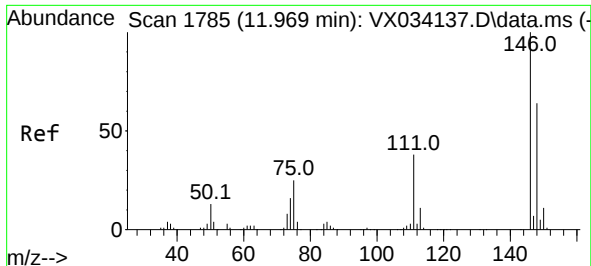
Tgt Ion:105 Resp: 22308

Ion Ratio Lower Upper

105 100

120 46.5 38.5 57.7

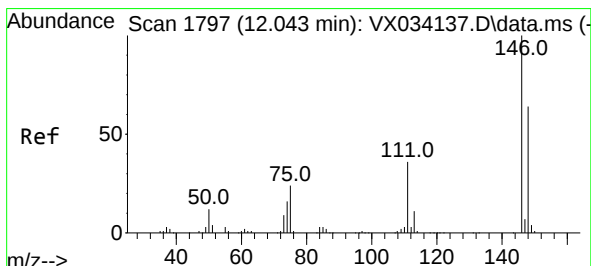
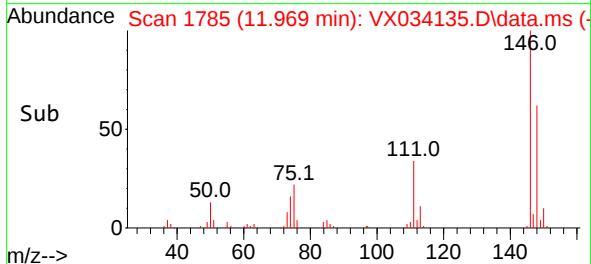
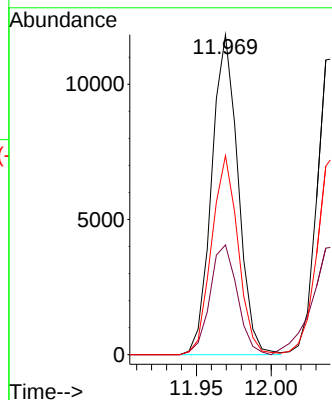
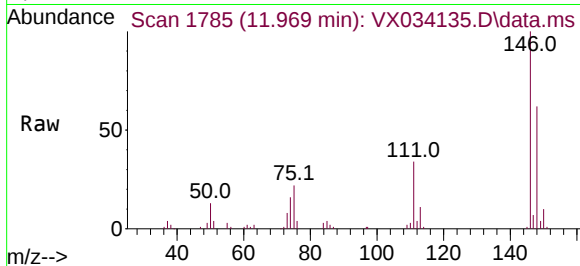




#64
1,3-Dichlorobenzene
Concen: 6.385 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

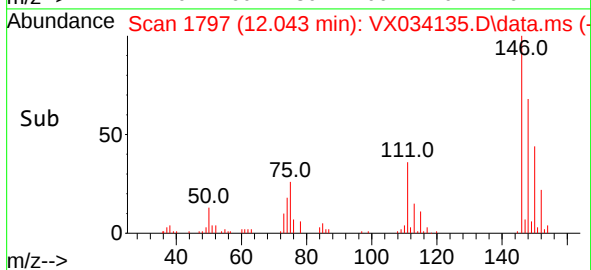
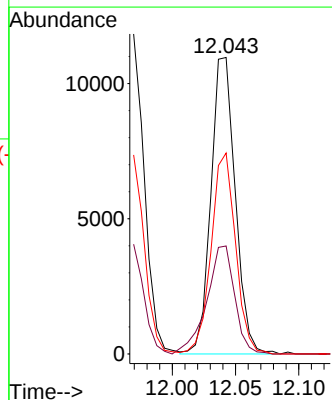
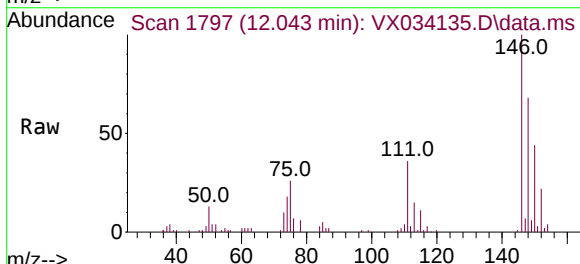
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

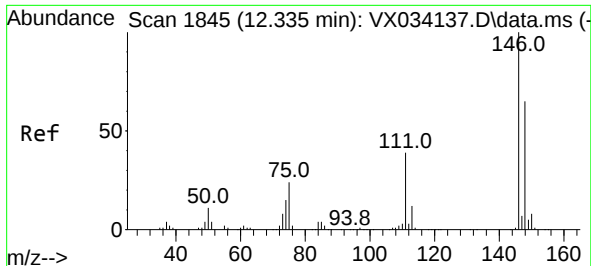
Tgt Ion:146 Resp: 14533
Ion Ratio Lower Upper
146 100
111 34.3 25.5 47.3
148 62.2 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 6.390 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion:146 Resp: 14711
Ion Ratio Lower Upper
146 100
111 36.5 23.7 44.1
148 67.8 45.0 83.6

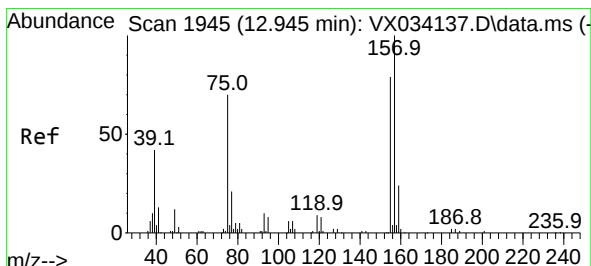
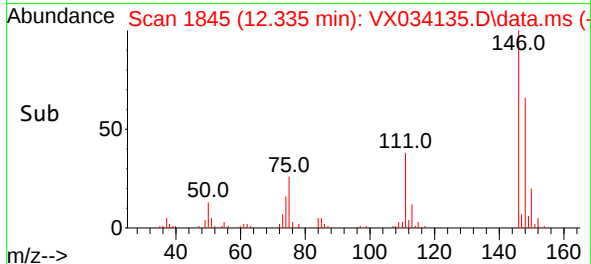
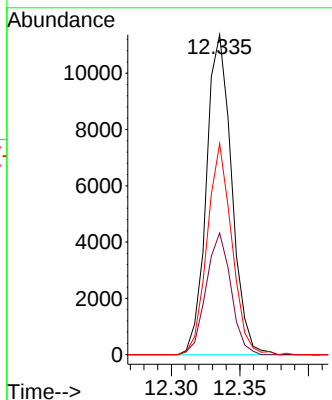
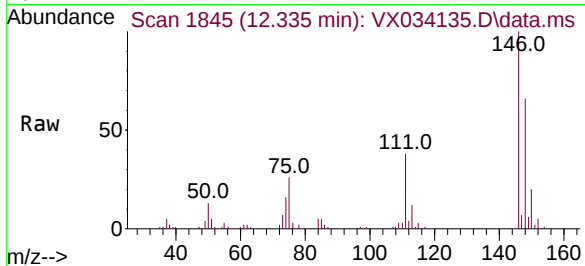




#67
1,2-Dichlorobenzene
Concen: 6.570 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

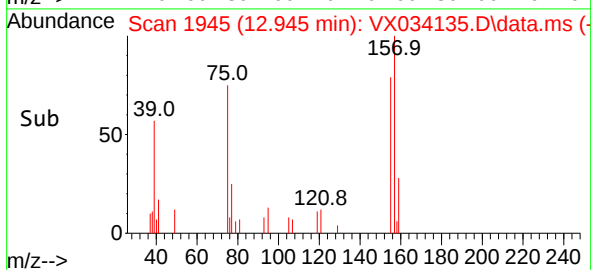
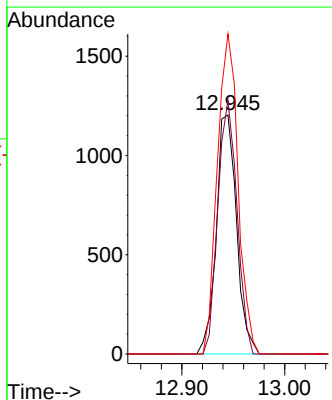
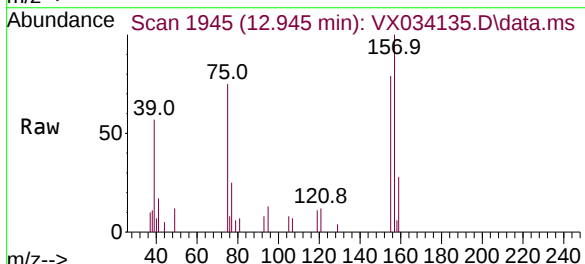
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

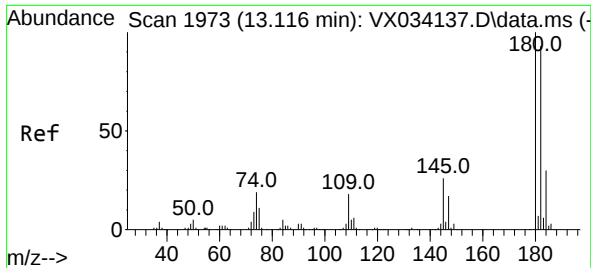
Tgt Ion:146 Resp: 14610
Ion Ratio Lower Upper
146 100
111 38.1 30.4 45.6
148 66.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 6.139 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion: 75 Resp: 1646
Ion Ratio Lower Upper
75 100
155 106.1 89.0 133.6
157 133.9 116.9 175.3

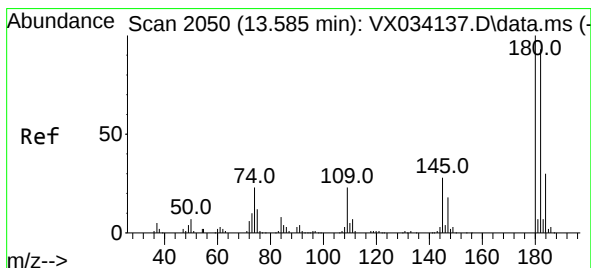
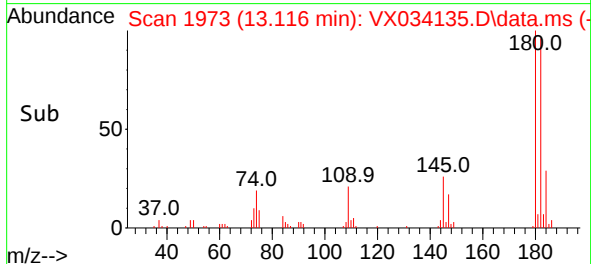
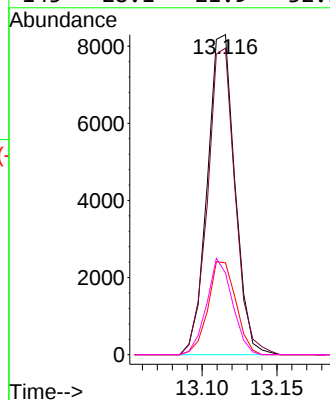
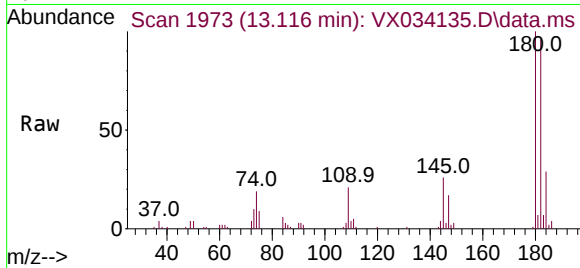




#69
1,3,5-Trichlorobenzene
Concen: 6.158 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

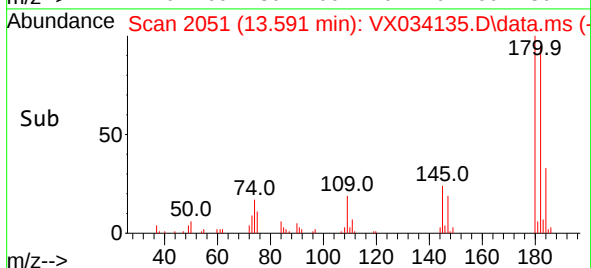
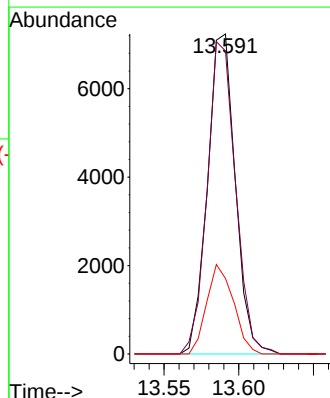
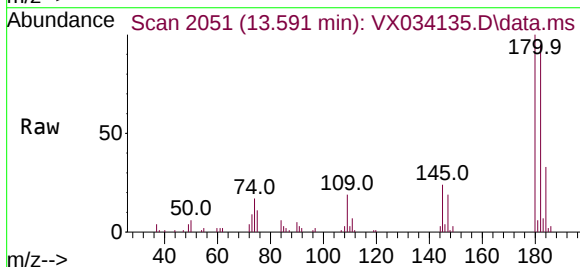
Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

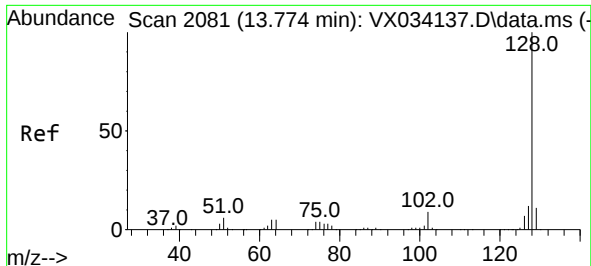
Tgt Ion:180	Resp:	10622
Ion Ratio	Lower	Upper
180	100	
182	95.7	77.3 115.9
184	29.4	24.5 36.7
145	28.1	21.9 32.9



#70
1,2,4-trichlorobenzene
Concen: 5.975 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion:180	Resp:	9362
Ion Ratio	Lower	Upper
180	100	
182	99.4	76.5 114.7
145	26.9	22.3 33.5

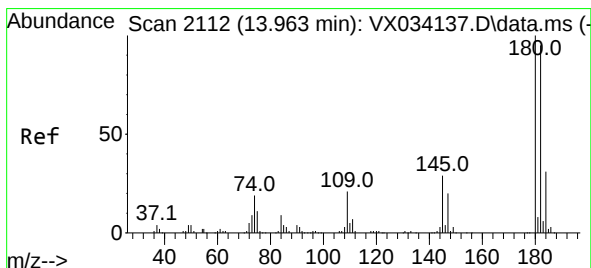
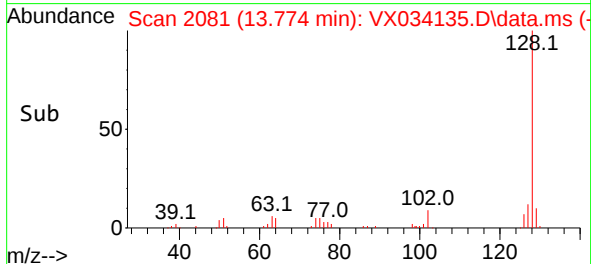
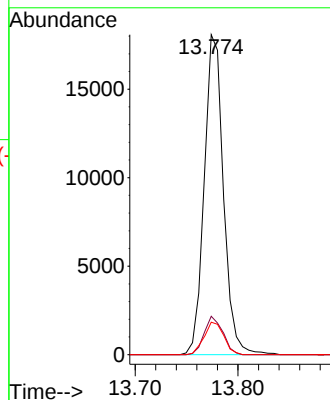
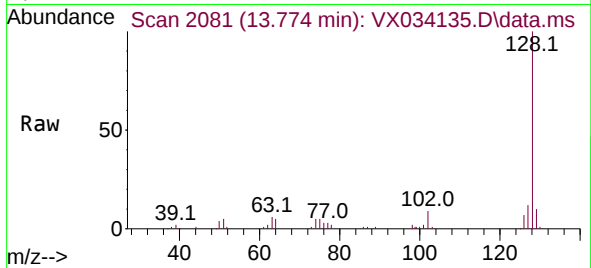




#71
Naphthalene
Concen: 5.463 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTD005619

Tgt Ion:128 Resp: 23530
Ion Ratio Lower Upper
128 100
127 11.6 10.2 15.2
129 10.5 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 5.945 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034135.D
Acq: 13 Feb 2023 10:35

Tgt Ion:180 Resp: 9205
Ion Ratio Lower Upper
180 100
182 99.9 77.1 115.7
145 31.8 23.5 35.3

