

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025089.D
 Acq On : 08 Nov 2021 09:50
 Operator : JC/MD
 Sample : VSTD01025
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010625

Quant Time: Nov 09 03:36:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:33:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	207798	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	164684	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	19671	13.911	ug/L	0.00
7) Chloroethane-d5	1.672	69	13114	13.533	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.312	63	37989	11.584	ug/L	0.00
21) 2-Butanone-d5	4.465	46	27016	20.784	ug/L	0.00
24) Chloroform-d	5.056	84	38668	11.146	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	25496	10.189	ug/L	0.00
32) Benzene-d6	5.976	84	64028	12.878	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	17492	11.132	ug/L	0.00
41) Toluene-d8	8.647	98	51324	11.515	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	8161	8.962	ug/L	0.00
47) 2-Hexanone-d5	9.445	63	168	0.211	ug/L	0.06
56) 1,1,2,2-Tetrachloroeth...	11.195	84	27644	13.197	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	18866	9.899	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	22410	11.457	ug/L	99
3) Chloromethane	1.294	50	15906	11.675	ug/L	85
5) Vinyl chloride	1.374	62	18670	11.932	ug/L	97
6) Bromomethane	1.617	94	12038	11.957	ug/L	85
8) Chloroethane	1.691	64	10819	13.204	ug/L	90
9) Trichlorofluoromethane	1.892	101	33014	9.879	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	17447	11.358	ug/L	90
12) 1,1-Dichloroethene	2.325	96	14442	10.979	ug/L	88
13) Acetone	2.386	43	27648	22.210	ug/L	98
14) Carbon disulfide	2.514	76	37463	10.674	ug/L	99
16) Methylene chloride	2.788	84	17243	11.553	ug/L	84
17) trans-1,2-Dichloroethene	3.099	96	15328	11.499	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	57793	10.605	ug/L	# 91
19) 1,1-Dichloroethane	3.611	63	31654	10.368	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	17323	11.381	ug/L	95
22) 2-Butanone	4.568	43	31842	20.912	ug/L	84
23) Bromochloromethane	4.897	128	4743	6.348	ug/L	# 57
25) Chloroform	5.099	83	35767	10.523	ug/L	91
27) 1,2-Dichloroethane	6.086	62	28286	9.615	ug/L	98
29) Cyclohexane	5.470	56	27110	11.808	ug/L	# 73
30) 1,1,1-Trichloroethane	5.391	97	29949	10.392	ug/L	# 91
31) Carbon tetrachloride	5.678	117	23070	9.482	ug/L	100
33) Benzene	6.044	78	68858	12.883	ug/L	100
34) Trichloroethene	7.129	95	15239	10.039	ug/L	94
35) Methylcyclohexane	7.385	83	23631	10.850	ug/L	# 85
37) 1,2-Dichloropropane	7.440	63	13675	9.551	ug/L	# 89
38) Bromodichloromethane	7.824	83	20696	9.335	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	21296	9.298	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	42855	19.488	ug/L	# 77
42) Toluene	8.720	91	56305	10.224	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	19316	8.033	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	11055	8.048	ug/L	91

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

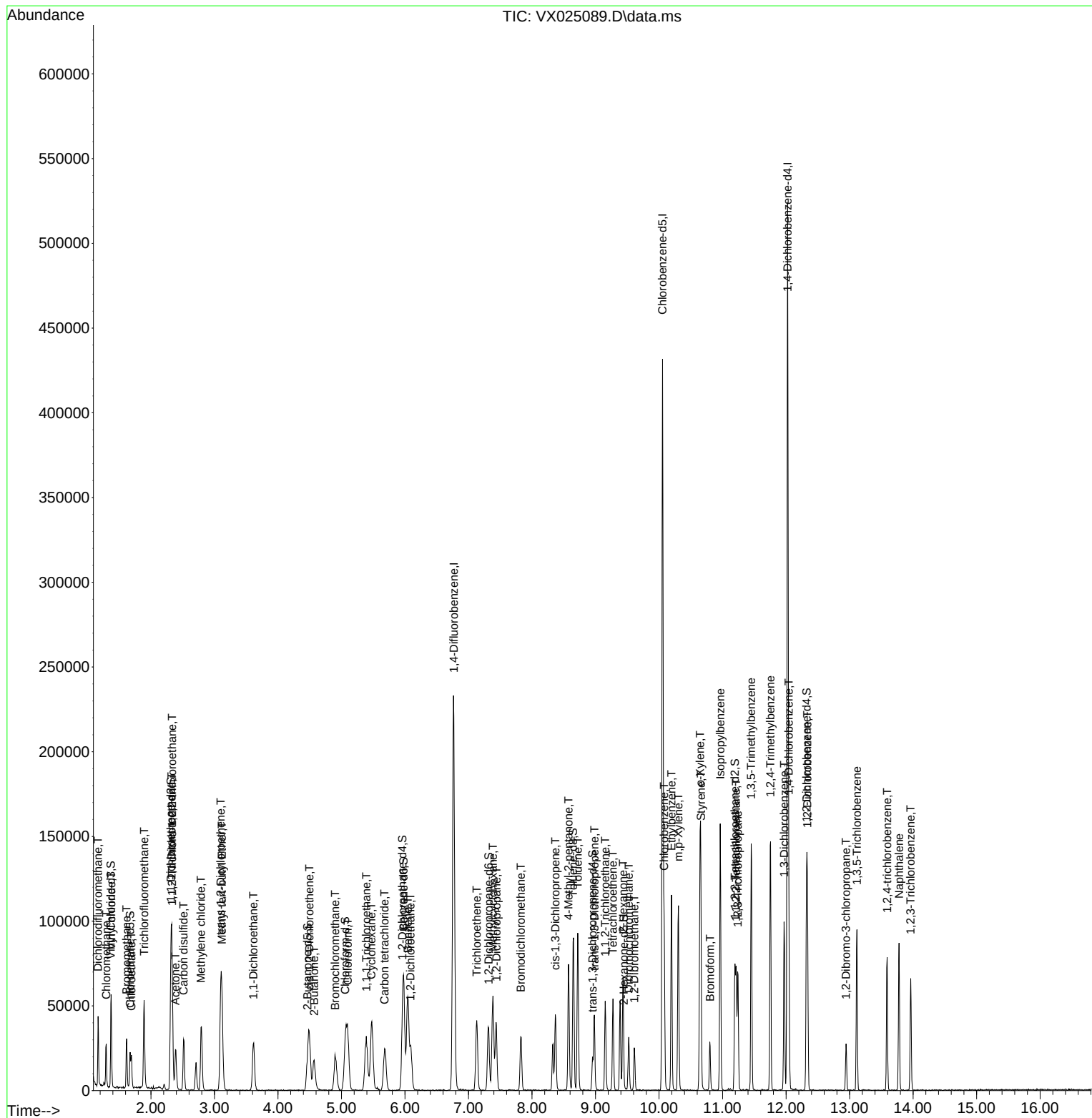
46) Tetrachloroethene	9.275	164	8062	8.477	ug/L	96
48) 2-Hexanone	9.433	43	34633	18.711	ug/L #	78
49) Dibromochloromethane	9.525	129	12422	8.223	ug/L	100
50) 1,2-Dibromoethane	9.610	107	13007	8.686	ug/L	91
51) Chlorobenzene	10.079	112	33183	9.902	ug/L	91
52) Ethylbenzene	10.195	91	60943	9.685	ug/L	96
53) m,p-Xylene	10.305	106	22574	10.325	ug/L	98
54) o-Xylene	10.646	106	22253	10.496	ug/L	99
55) Styrene	10.659	104	37830	10.496	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	27062	12.734	ug/L	97
59) Bromoform	10.805	173	8922	7.388	ug/L	94
60) Isopropylbenzene	10.963	105	76616	9.939	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	23671	9.958	ug/L	92
62) 1,3,5-Trimethylbenzene	11.451	105	63969	9.940	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	64838	9.971	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	29800	10.274	ug/L	92
65) 1,4-Dichlorobenzene	12.042	146	30047	10.059	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	29944	10.074	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	6772	8.642	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.115	180	19630	9.139	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	15695	8.367	ug/L	98
71) Naphthalene	13.780	128	49042	7.417	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	11882	6.166	ug/L	92

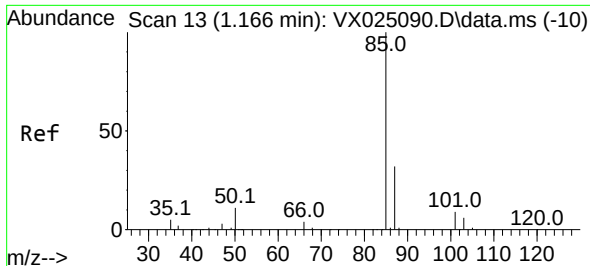
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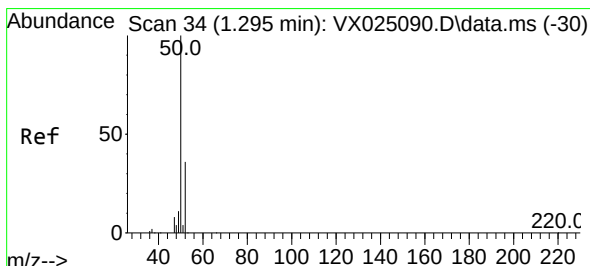
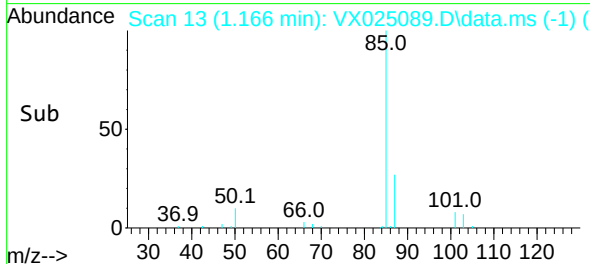
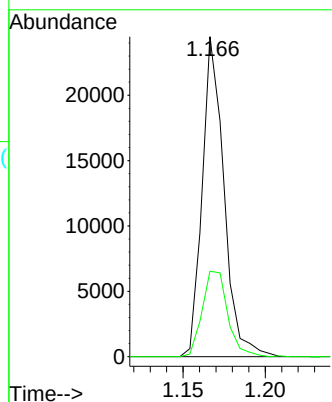
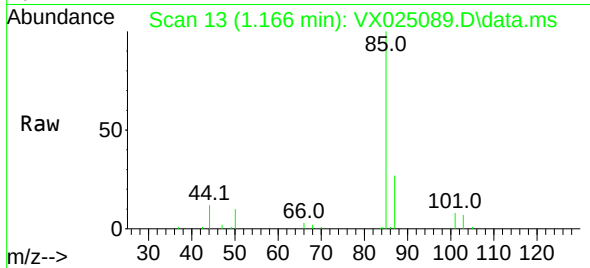




#2
Dichlorodifluoromethane
Concen: 11.457 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

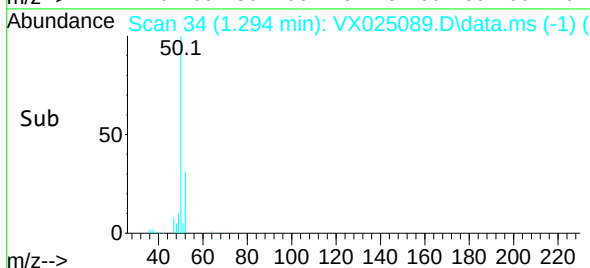
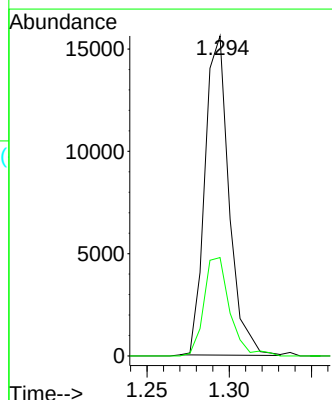
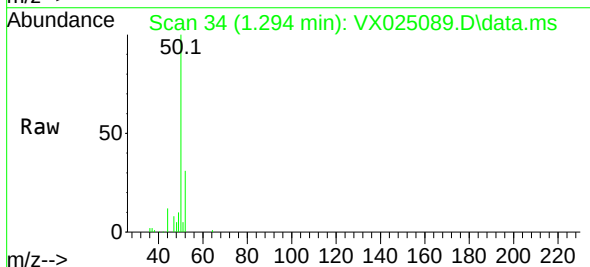
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

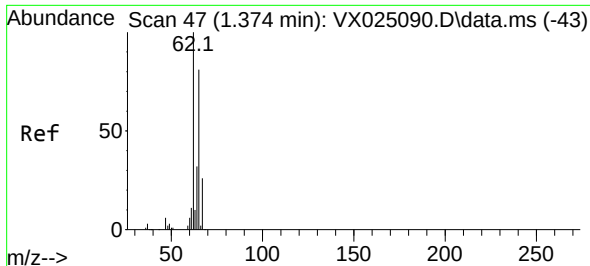
Tgt Ion: 85 Resp: 22410
Ion Ratio Lower Upper
85 100
87 31.3 25.3 37.9



#3
Chloromethane
Concen: 11.675 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 50 Resp: 15906
Ion Ratio Lower Upper
50 100
52 30.7 28.0 52.0

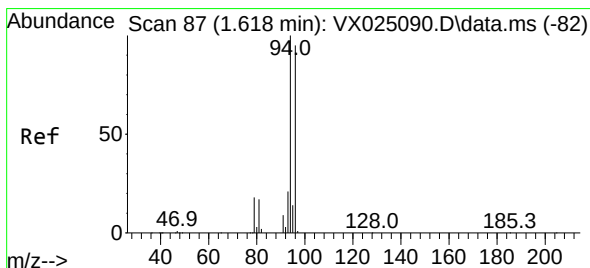
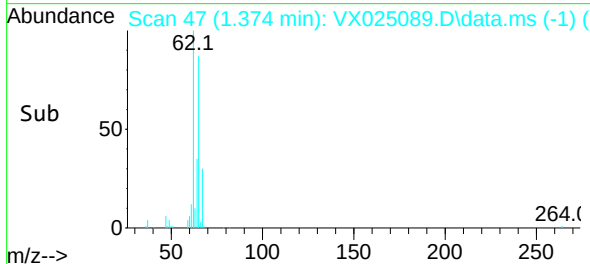
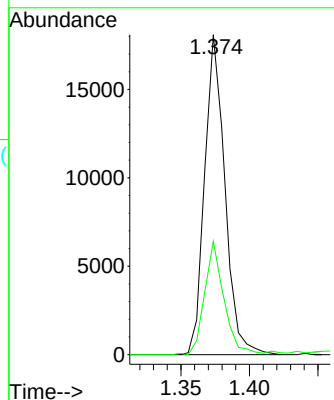
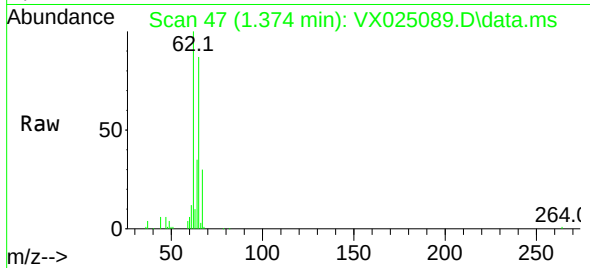




#5
 Vinyl chloride
 Concen: 11.932 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025089.D
 Acq: 08 Nov 2021 09:50

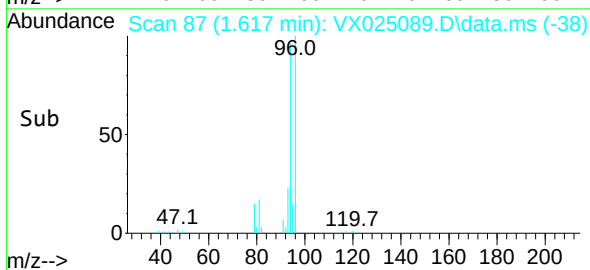
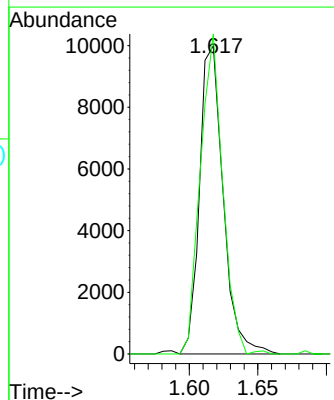
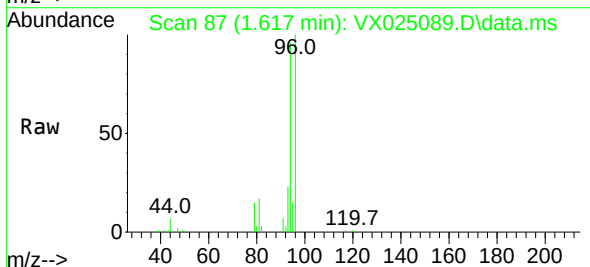
Instrument :
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 ClientSampleId :
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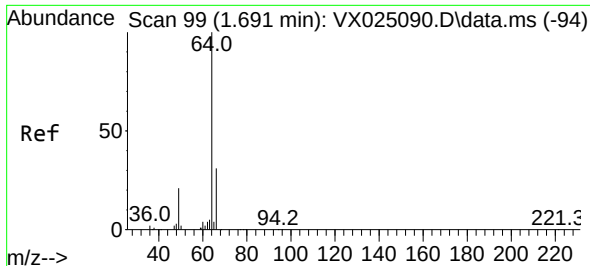
Tgt Ion: 62 Resp: 18670
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.6 43.8



#6
 Bromomethane
 Concen: 11.957 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.001 min
 Lab File: VX025089.D
 Acq: 08 Nov 2021 09:50

Tgt Ion: 94 Resp: 12038
 Ion Ratio Lower Upper
 94 100
 96 103.9 62.9 116.9

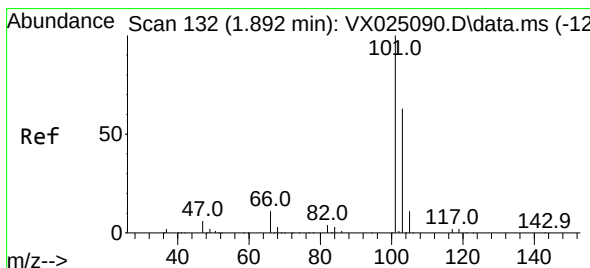
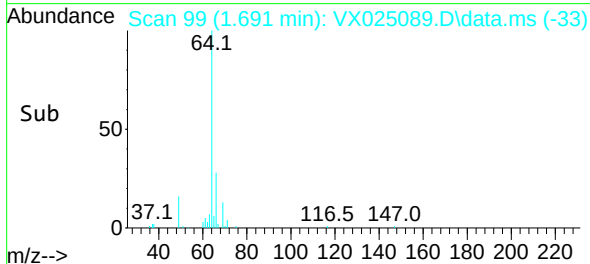
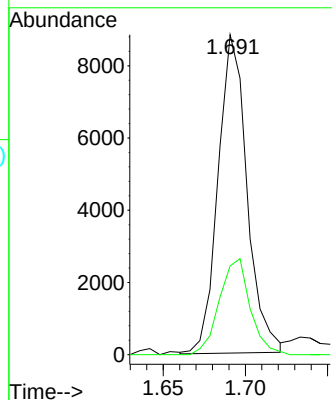
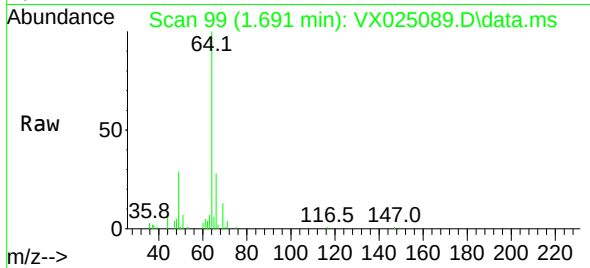




#8
Chloroethane
Concen: 13.204 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

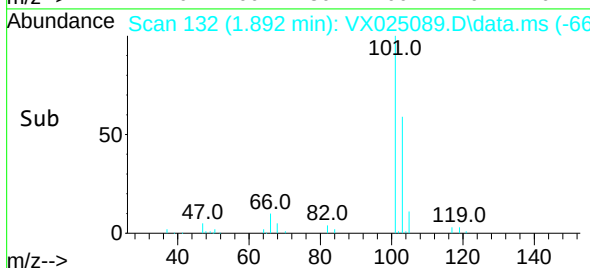
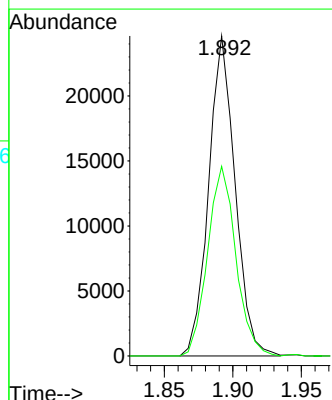
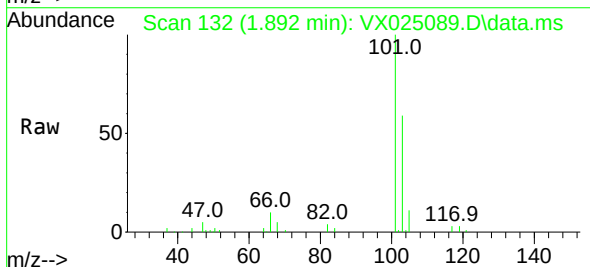
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

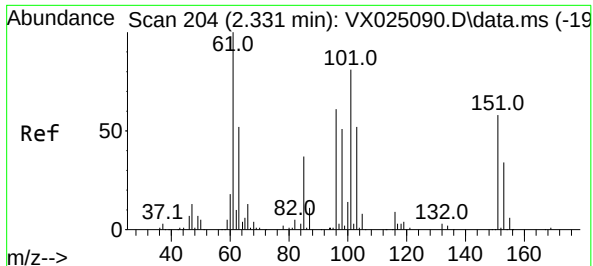
Tgt Ion: 64 Resp: 10819
Ion Ratio Lower Upper
64 100
66 27.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 9.879 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 101 Resp: 33014
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0





#10

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

Concen: 11.358 ug/L

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD010625

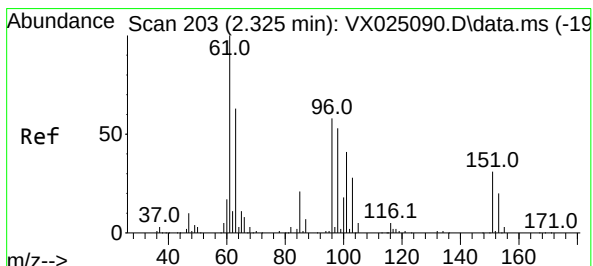
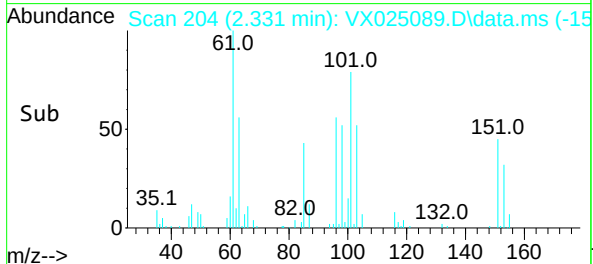
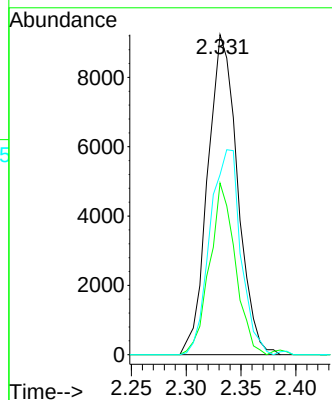
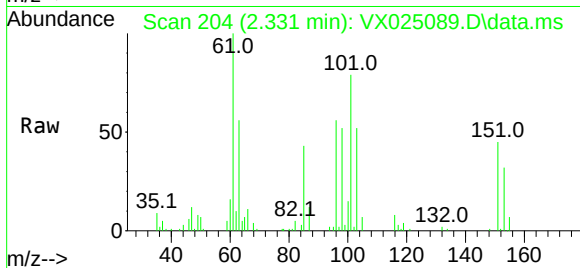
Tgt Ion:101 Resp: 17447

Ion Ratio Lower Upper

101 100

85 46.1 35.3 52.9

151 66.2 62.3 93.5



#12

1,1-Dichloroethene

Concen: 10.979 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

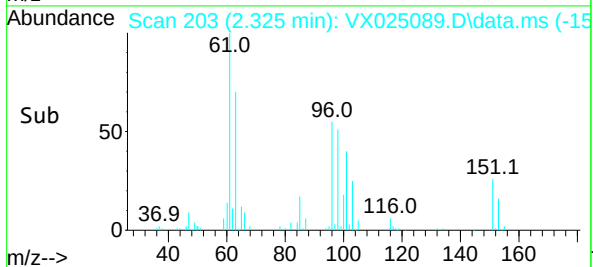
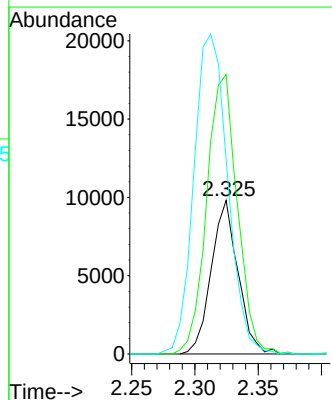
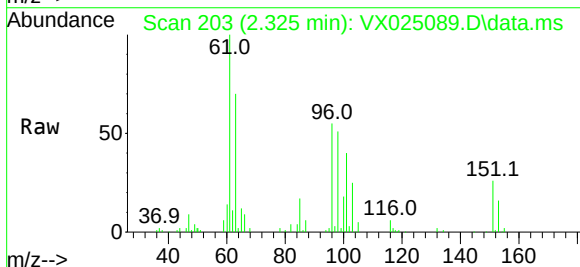
Tgt Ion: 96 Resp: 14442

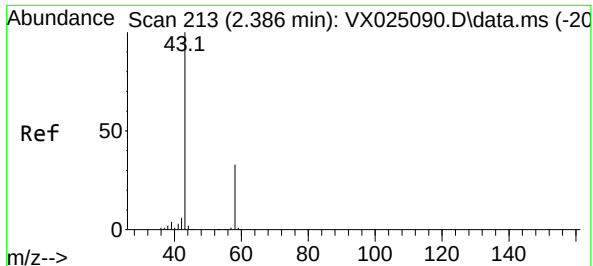
Ion Ratio Lower Upper

96 100

61 182.1 109.9 204.1

63 126.7 92.4 171.6





#13

Acetone

Concen: 22.210 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

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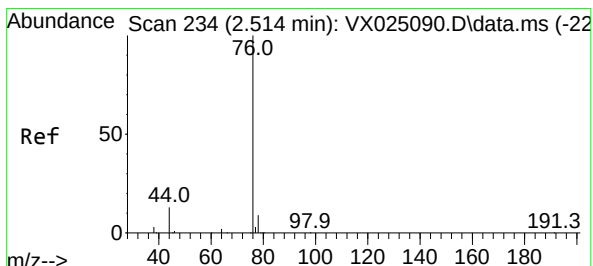
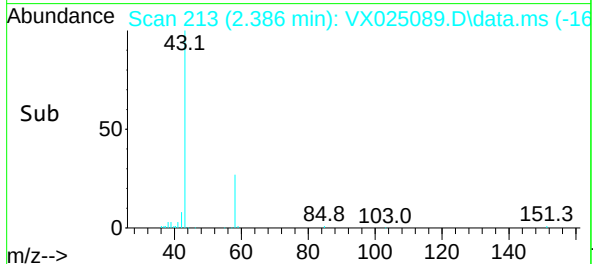
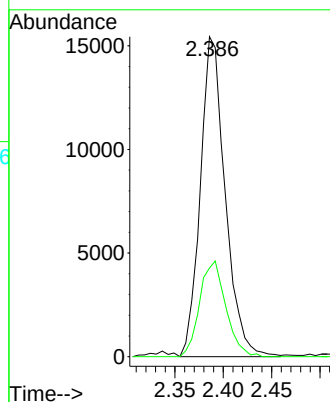
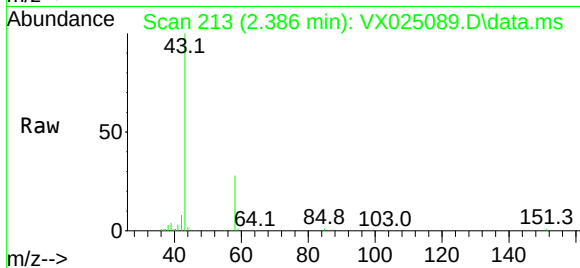
VSTD010625

Tgt Ion: 43 Resp: 27648

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.8



#14

Carbon disulfide

Concen: 10.674 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX025089.D

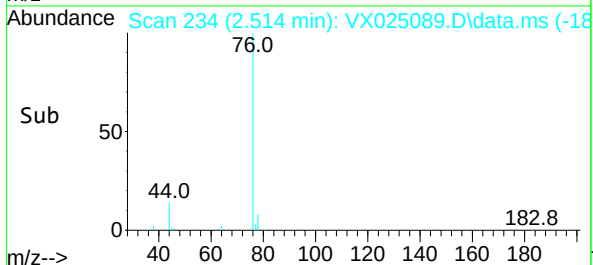
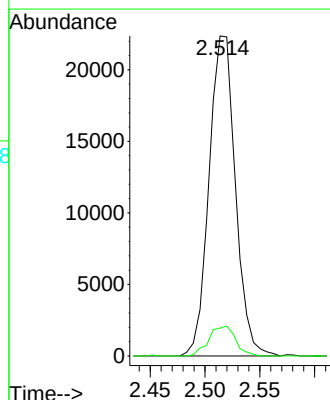
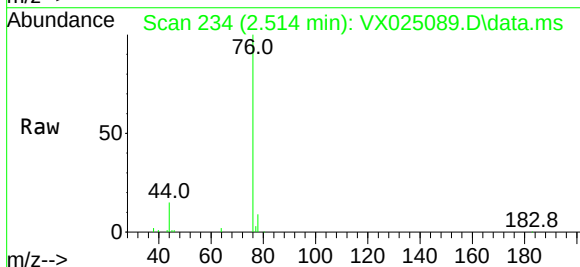
Acq: 08 Nov 2021 09:50

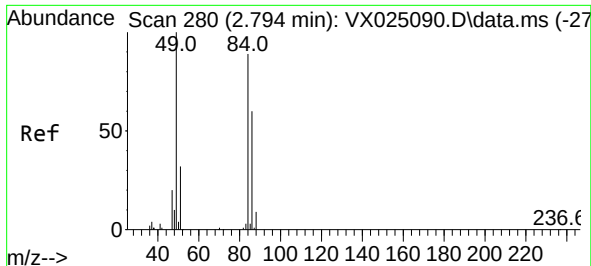
Tgt Ion: 76 Resp: 37463

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

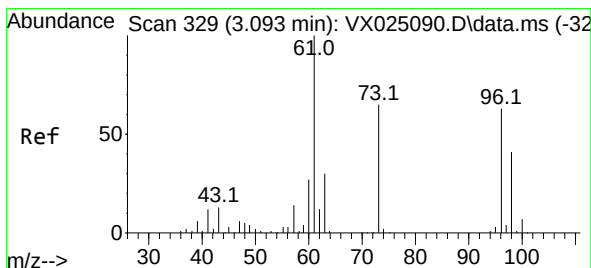
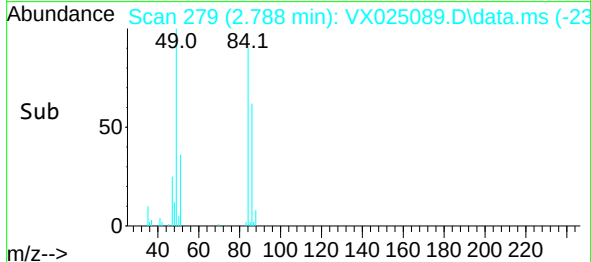
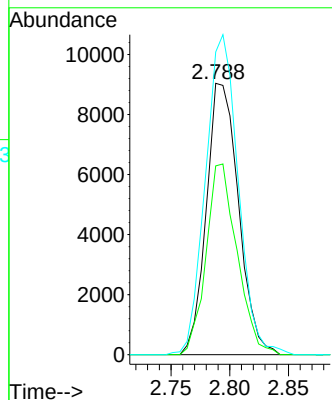
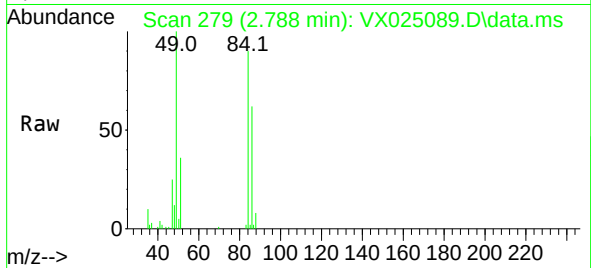




#16
Methylene chloride
Concen: 11.553 ug/L
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

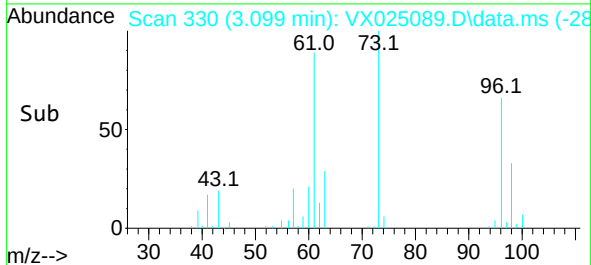
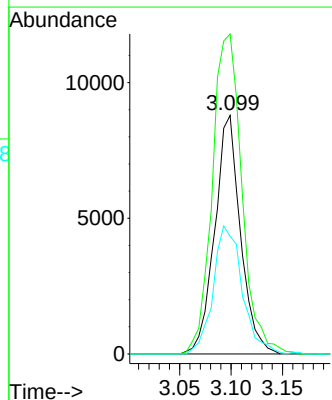
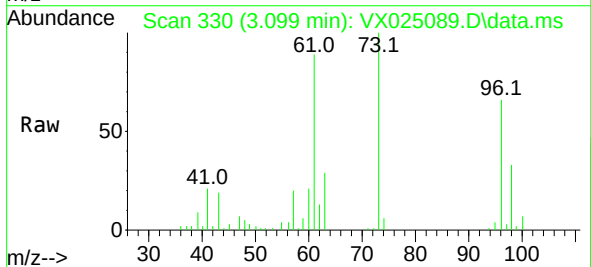
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

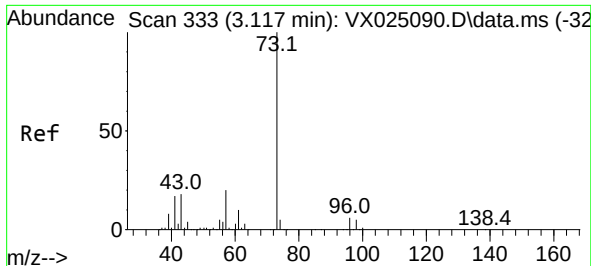
Tgt Ion: 84 Resp: 17243
Ion Ratio Lower Upper
84 100
86 69.6 44.4 82.5
49 111.5 64.0 118.8



#17
trans-1,2-Dichloroethene
Concen: 11.499 ug/L
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 96 Resp: 15328
Ion Ratio Lower Upper
96 100
61 134.1 99.4 184.6
98 49.3 47.0 87.2

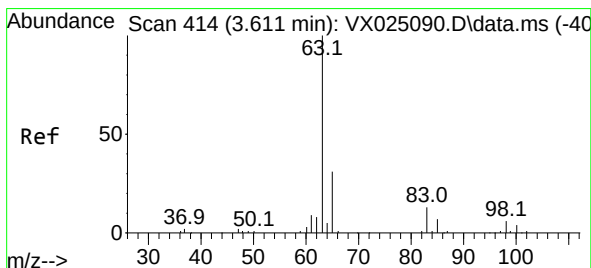
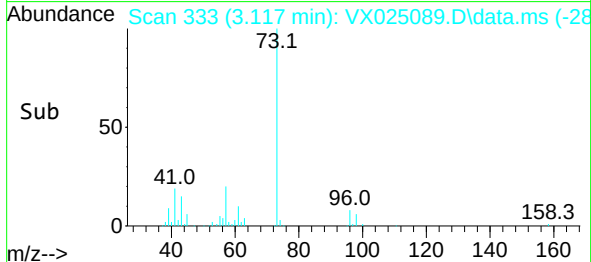
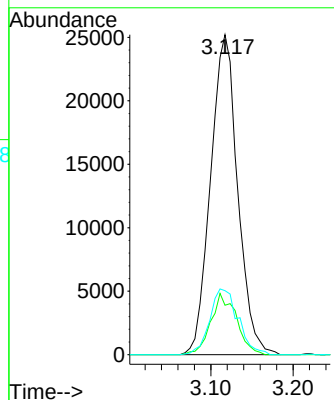
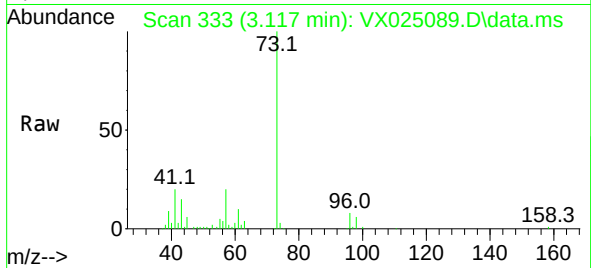




#18
Methyl tert-butyl Ether
Concen: 10.605 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

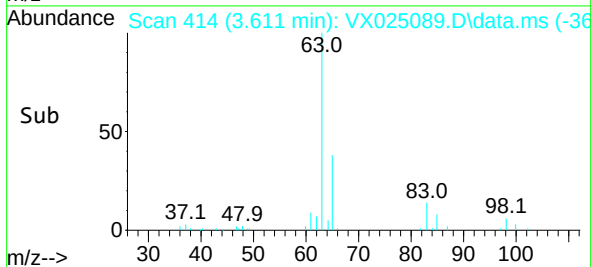
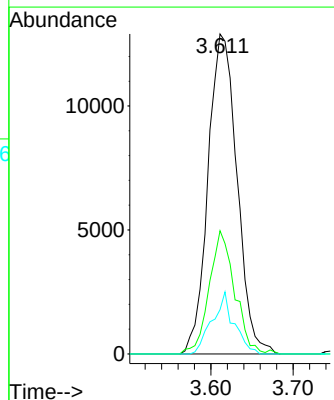
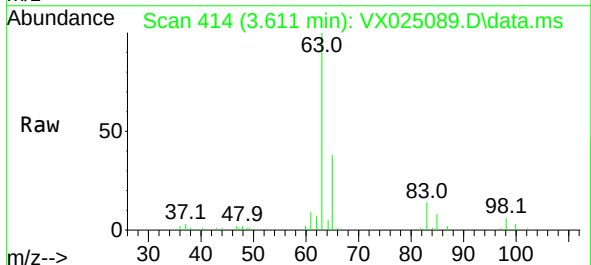
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

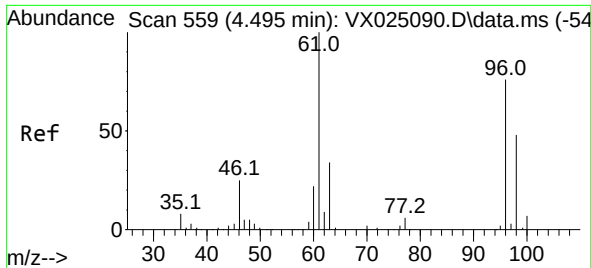
Tgt Ion: 73 Resp: 57793
Ion Ratio Lower Upper
73 100
43 18.2 12.4 18.6
57 21.5 13.2 19.8#



#19
1,1-Dichloroethane
Concen: 10.368 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 63 Resp: 31654
Ion Ratio Lower Upper
63 100
65 38.5 24.5 45.5
83 13.9 11.7 21.7



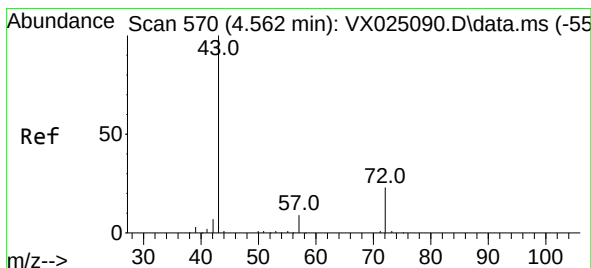
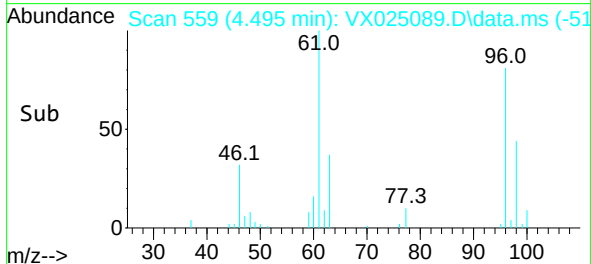
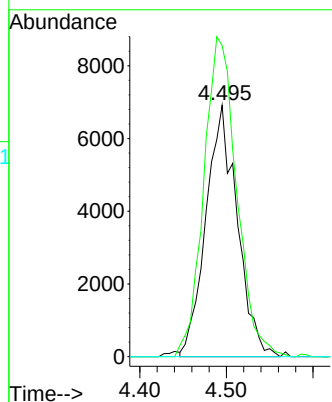
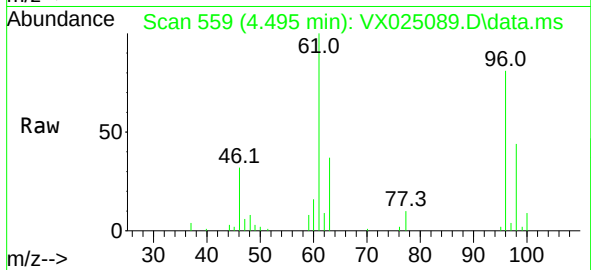


#20
 cis-1,2-Dichloroethene
 Concen: 11.381 ug/L
 RT: 4.495 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX025089.D
 Acq: 08 Nov 2021 09:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010625

Tgt Ion: 96 Resp: 17323

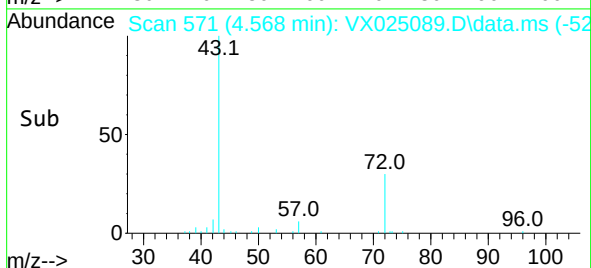
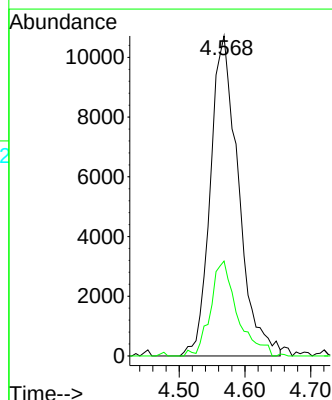
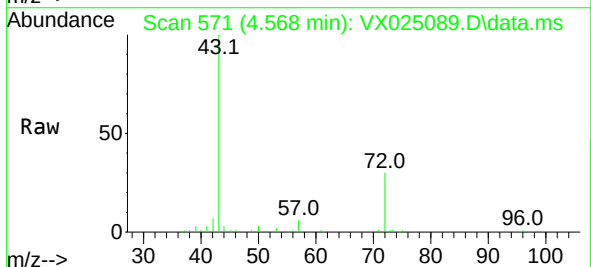
Ion	Ratio	Lower	Upper
96	100		
61	123.8	82.6	153.4
68	0.0	0.0	0.0

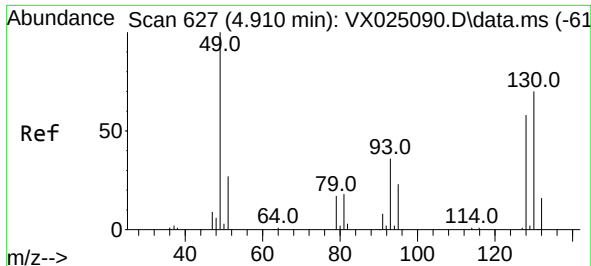


#22
 2-Butanone
 Concen: 20.912 ug/L
 RT: 4.568 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: VX025089.D
 Acq: 08 Nov 2021 09:50

Tgt Ion: 43 Resp: 31842

Ion	Ratio	Lower	Upper
43	100		
72	27.3	18.4	55.0

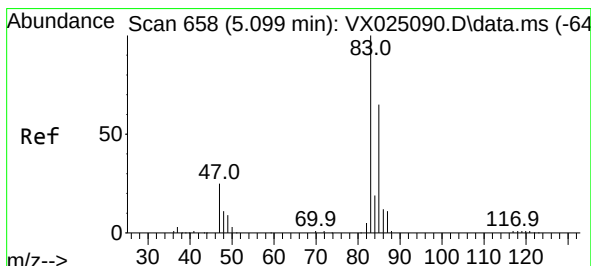
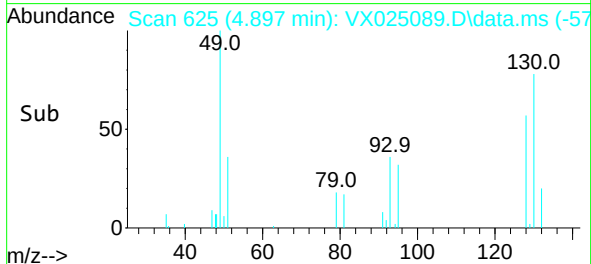
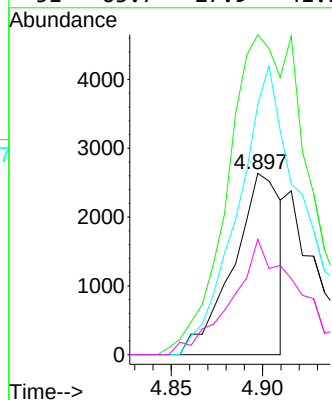
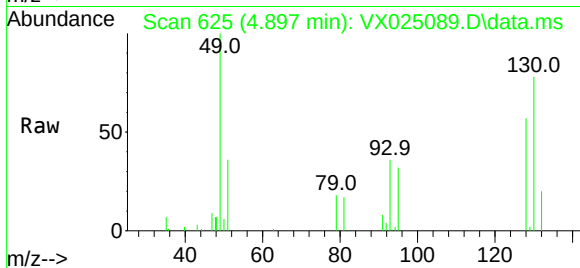




#23
Bromochloromethane
Concen: 6.348 ug/L
RT: 4.897 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

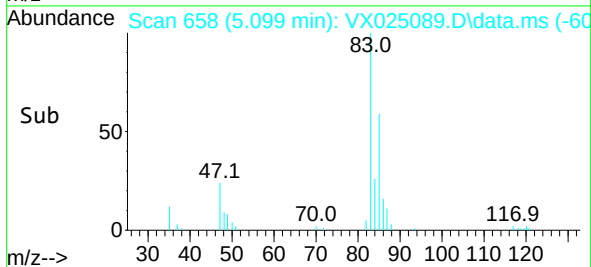
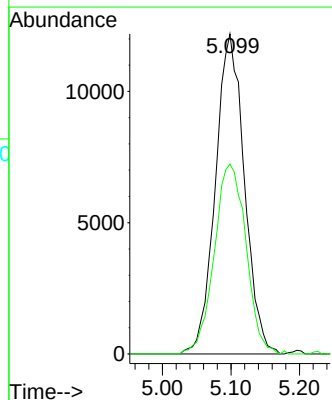
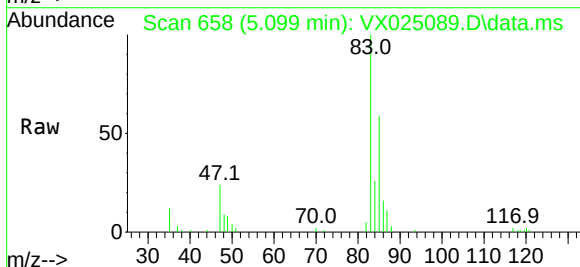
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

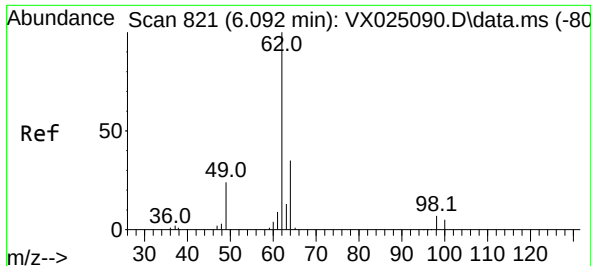
Tgt Ion:128 Resp: 4743
Ion Ratio Lower Upper
128 100
49 176.6 71.5 132.7#
130 138.3 84.3 156.5
51 63.7 27.9 41.9#



#25
Chloroform
Concen: 10.523 ug/L
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 83 Resp: 35767
Ion Ratio Lower Upper
83 100
85 59.3 46.3 86.1





#27

1,2-Dichloroethane

Concen: 9.615 ug/L

RT: 6.086 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

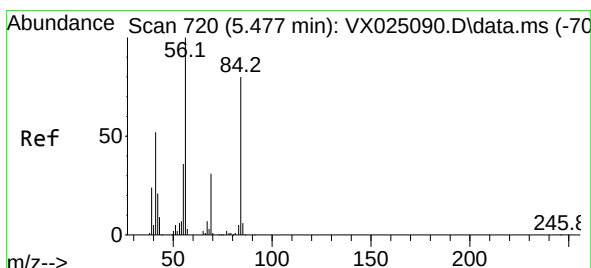
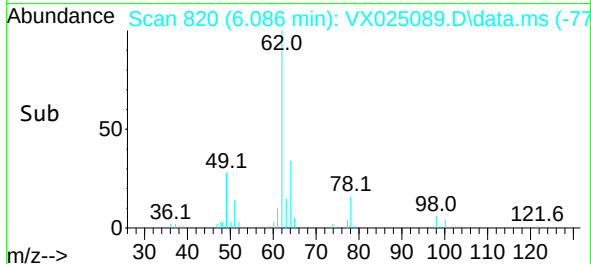
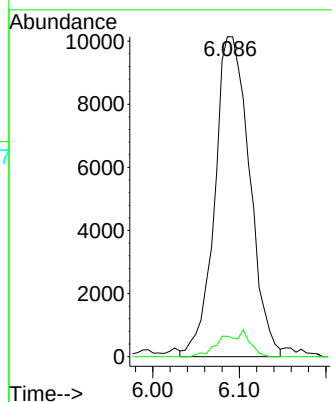
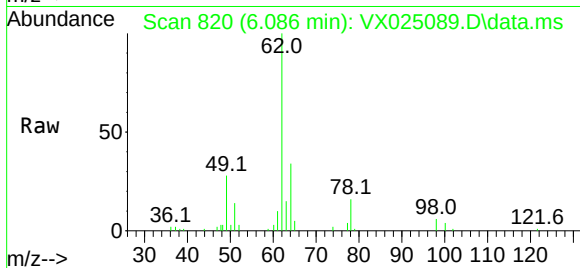
VSTD010625

Tgt Ion: 62 Resp: 28286

Ion Ratio Lower Upper

62 100

98 6.4 5.5 8.3



#29

Cyclohexane

Concen: 11.808 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

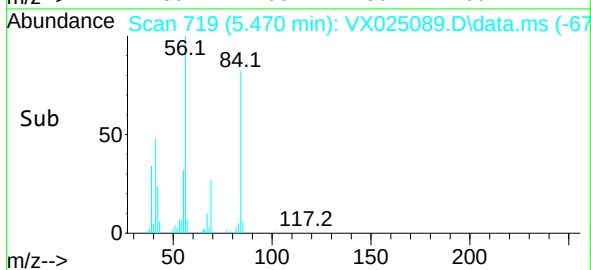
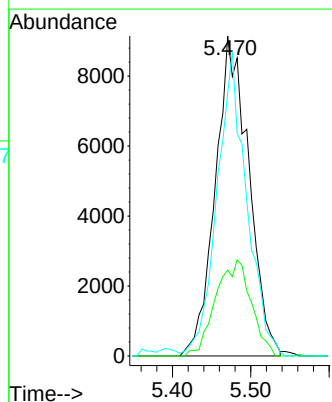
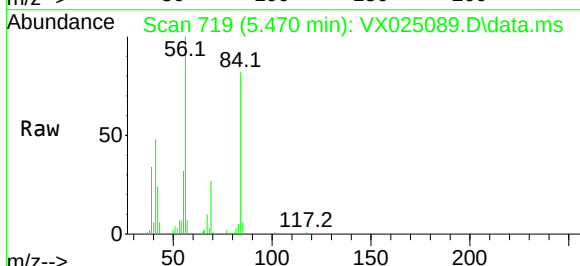
Tgt Ion: 56 Resp: 27110

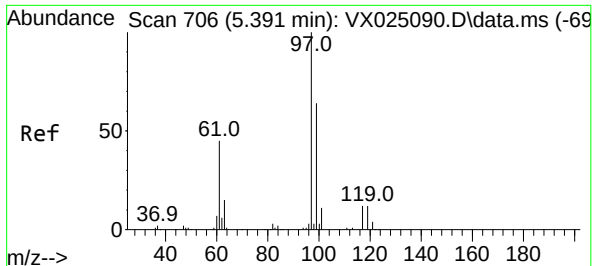
Ion Ratio Lower Upper

56 100

69 14.7 30.8 46.2#

84 84.3 86.8 130.2#





#30

1,1,1-Trichloroethane

Concen: 10.392 ug/L

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD010625

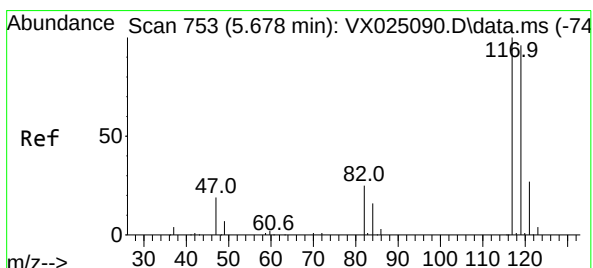
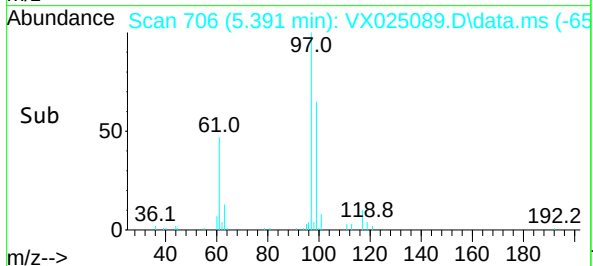
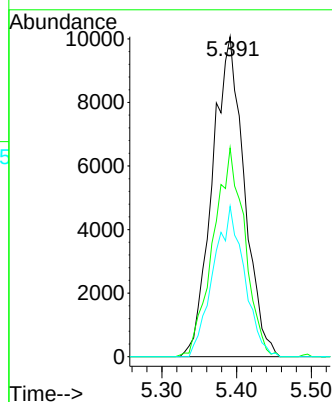
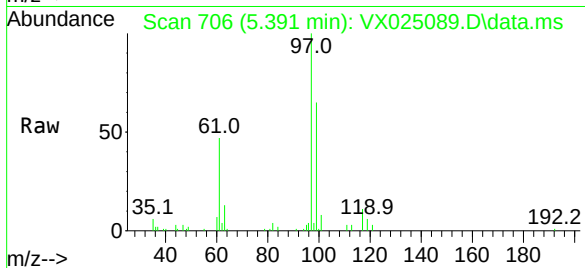
Tgt Ion: 97 Resp: 29949

Ion Ratio Lower Upper

97 100

99 64.1 53.1 79.7

61 45.5 26.3 39.5#



#31

Carbon tetrachloride

Concen: 9.482 ug/L

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX025089.D

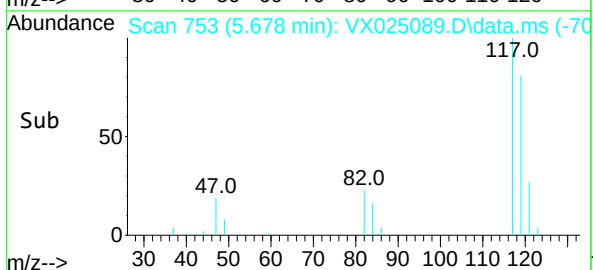
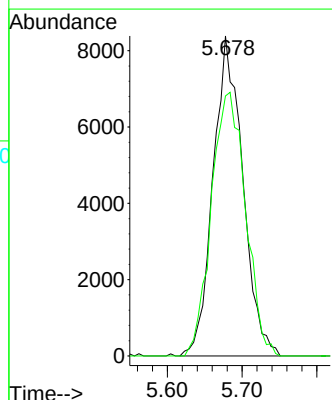
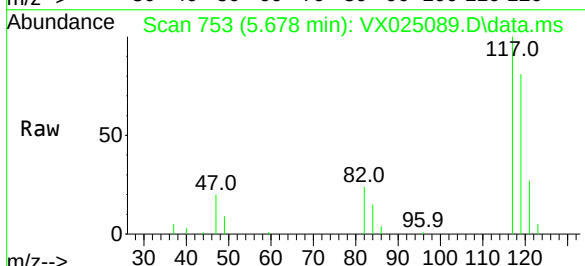
Acq: 08 Nov 2021 09:50

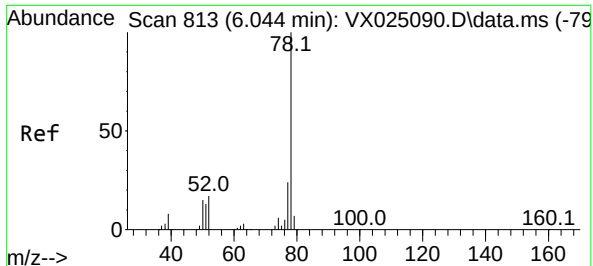
Tgt Ion: 117 Resp: 23070

Ion Ratio Lower Upper

117 100

119 95.1 76.0 114.0

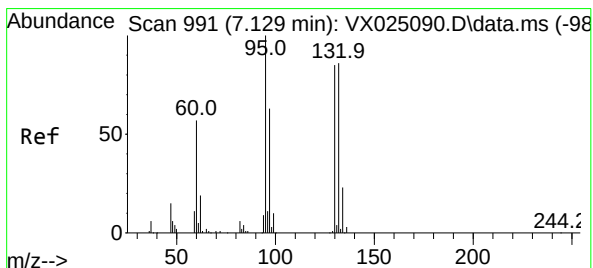
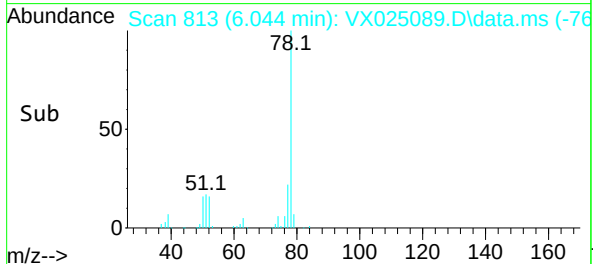
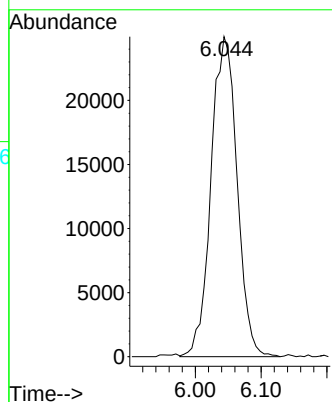
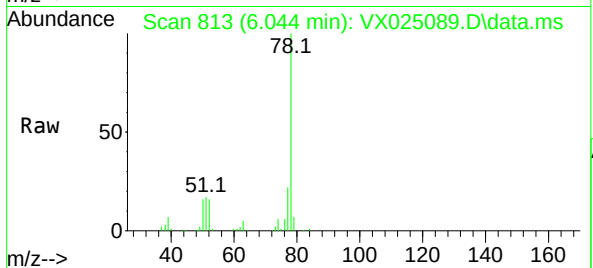




#33
Benzene
Concen: 12.883 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

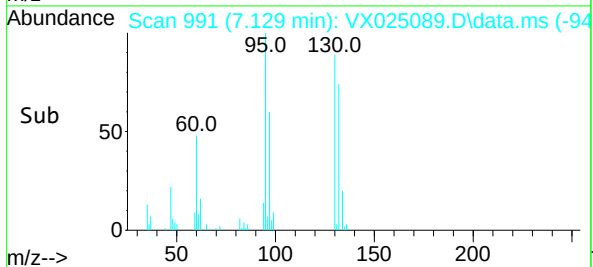
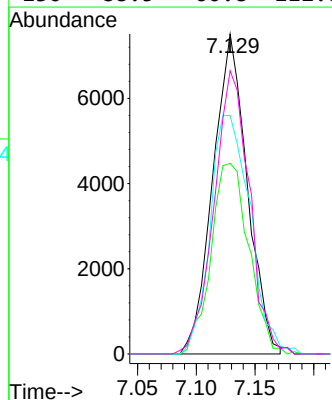
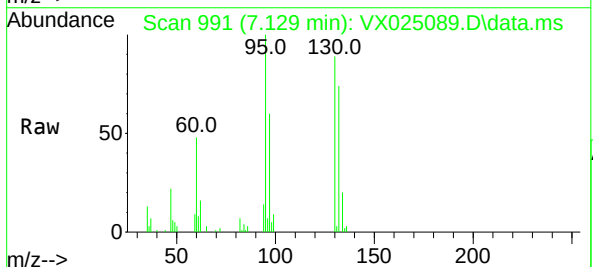
Tgt Ion: 78 Resp: 68858

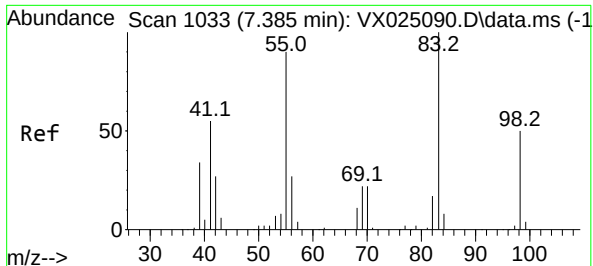


#34
Trichloroethene
Concen: 10.039 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 95 Resp: 15239

Ion	Ratio	Lower	Upper
95	100		
97	59.5	44.2	82.2
132	74.5	60.1	111.5
130	88.5	60.8	112.8

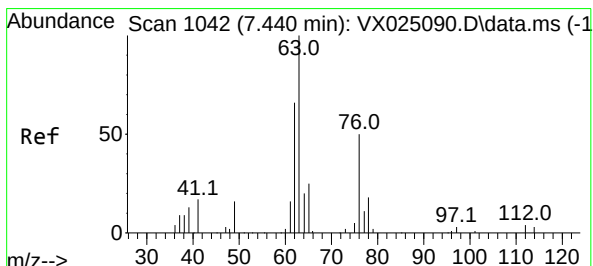
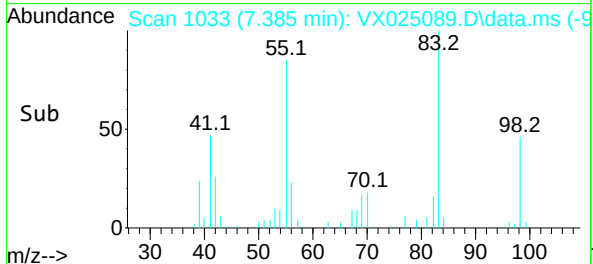
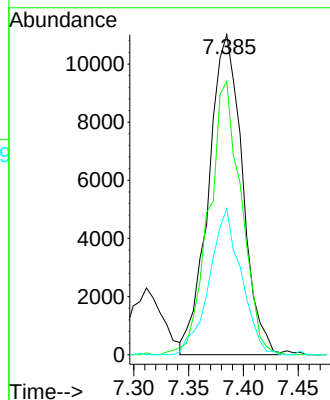
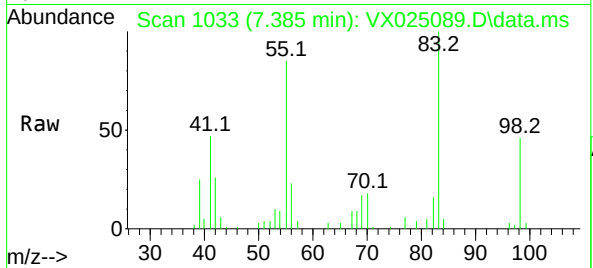




#35
Methylcyclohexane
Concen: 10.850 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

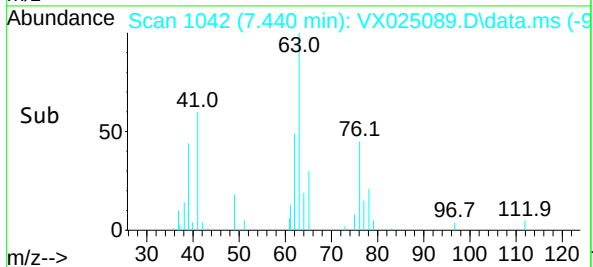
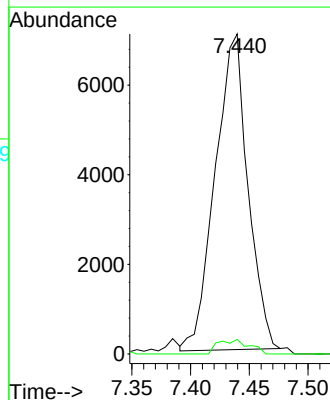
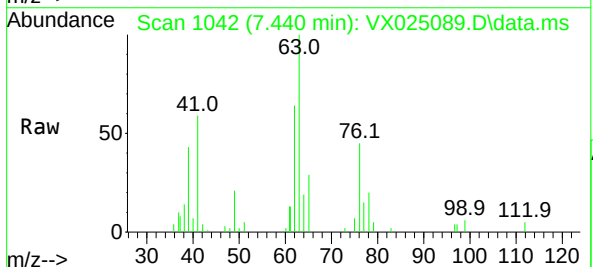
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

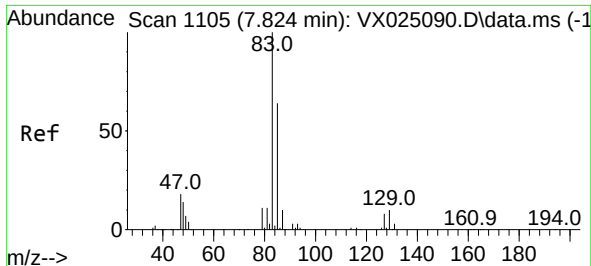
Tgt Ion: 83 Resp: 23631
Ion Ratio Lower Upper
83 100
55 81.9 52.6 79.0#
98 43.0 37.9 56.9



#37
1,2-Dichloropropane
Concen: 9.551 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 63 Resp: 13675
Ion Ratio Lower Upper
63 100
112 1.3 4.0 6.0#

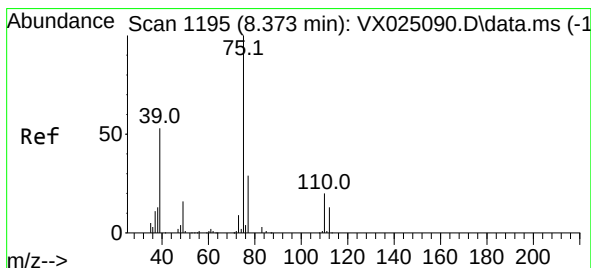
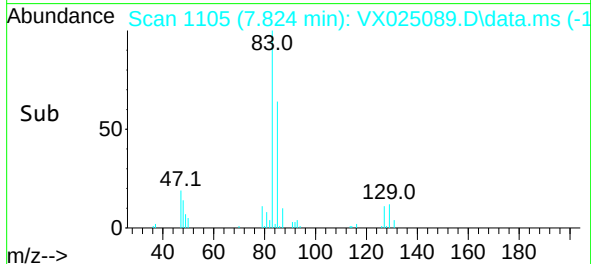
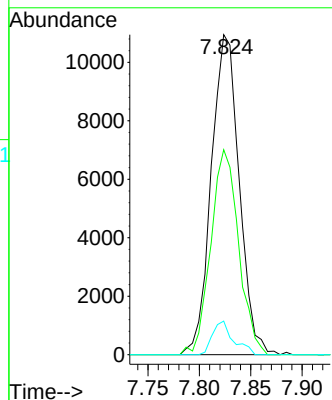
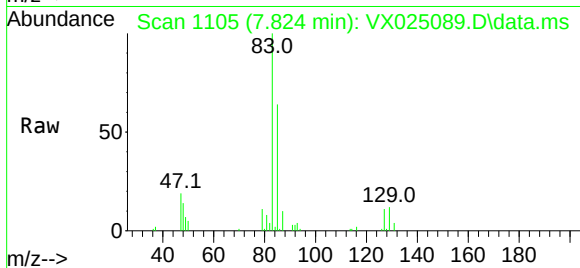




#38
Bromodichloromethane
Concen: 9.335 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

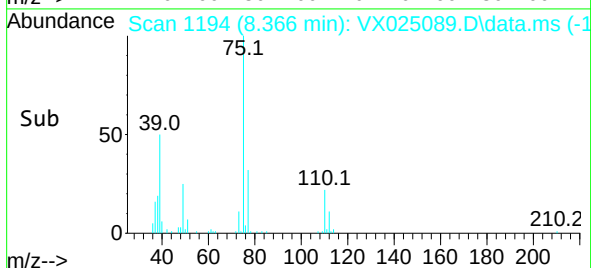
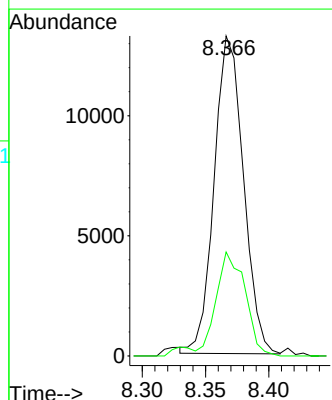
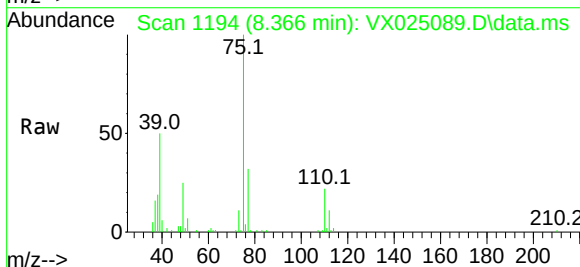
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

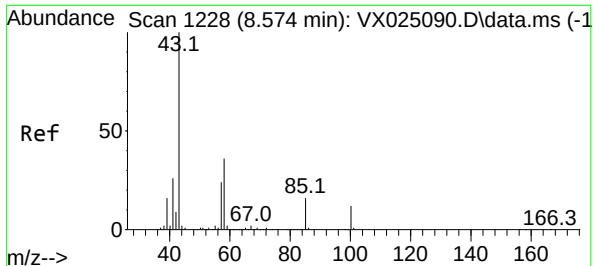
Tgt Ion: 83 Resp: 20696
Ion Ratio Lower Upper
83 100
85 64.1 46.8 87.0
127 10.5 8.2 12.2



#39
cis-1,3-Dichloropropene
Concen: 9.298 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 75 Resp: 21296
Ion Ratio Lower Upper
75 100
77 32.5 23.1 42.9





#40

4-Methyl-2-pentanone

Concen: 19.488 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD010625

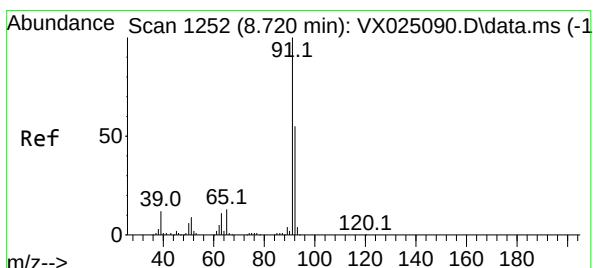
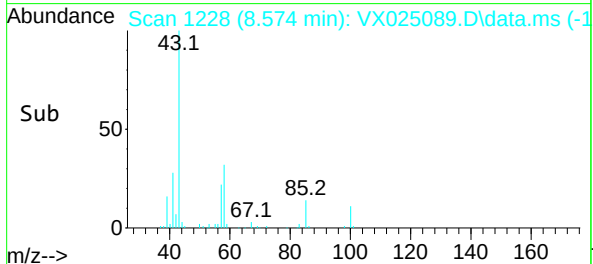
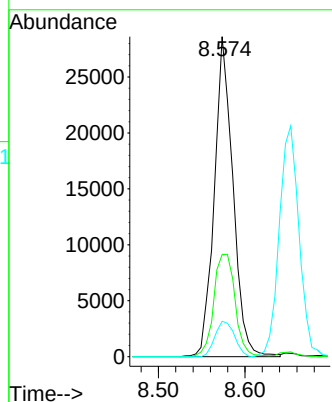
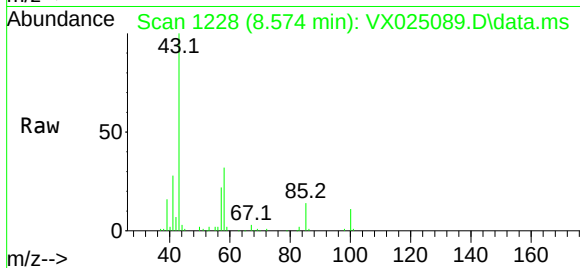
Tgt Ion: 43 Resp: 42855

Ion Ratio Lower Upper

43 100

58 36.6 41.3 61.9#

100 11.6 19.6 29.4#



#42

Toluene

Concen: 10.224 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025089.D

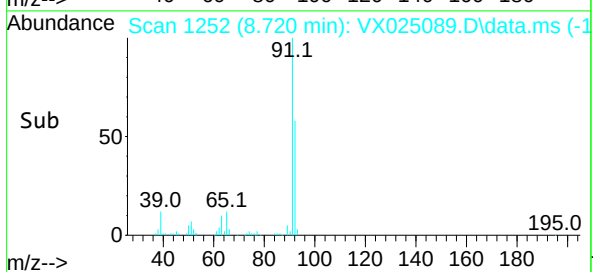
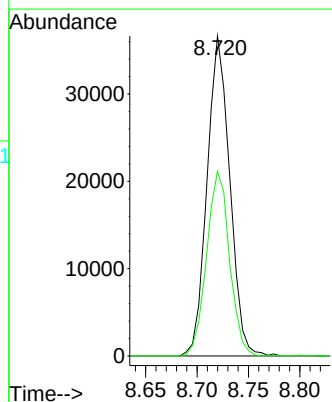
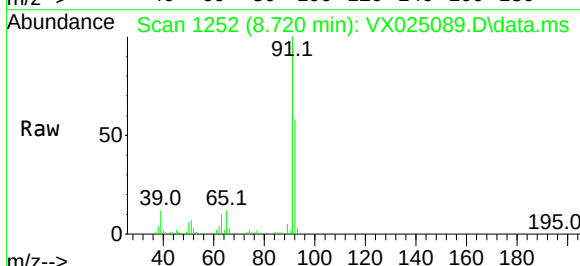
Acq: 08 Nov 2021 09:50

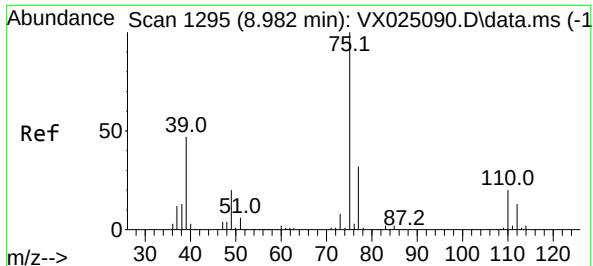
Tgt Ion: 91 Resp: 56305

Ion Ratio Lower Upper

91 100

92 57.7 39.3 72.9

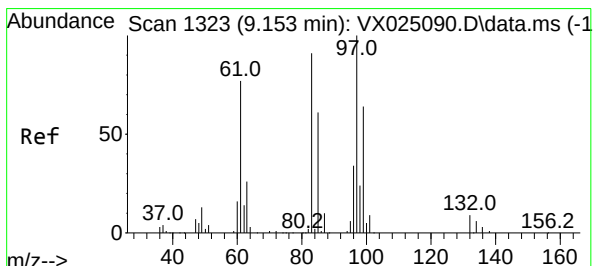
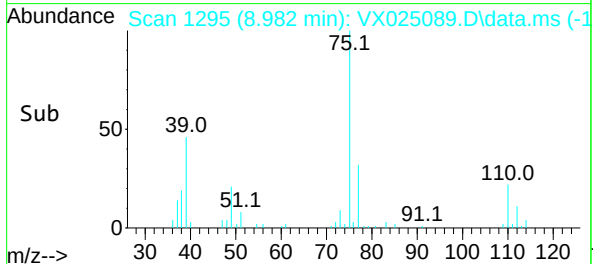
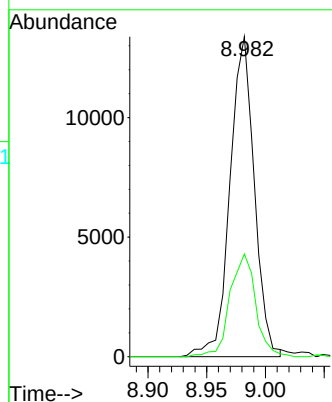
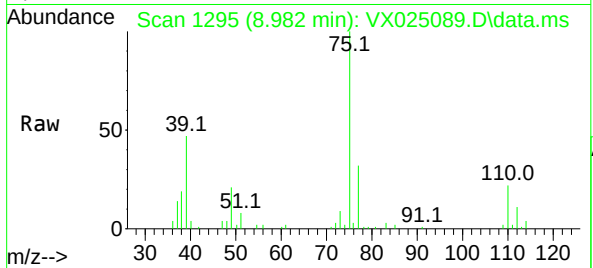




#44
trans-1,3-Dichloropropene
Concen: 8.033 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

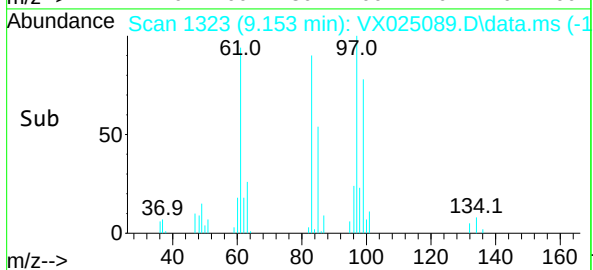
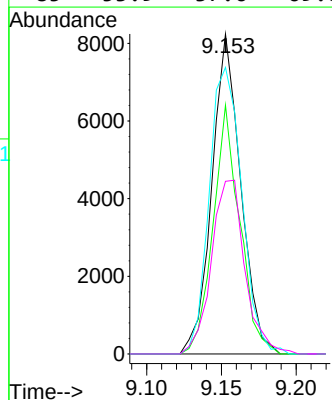
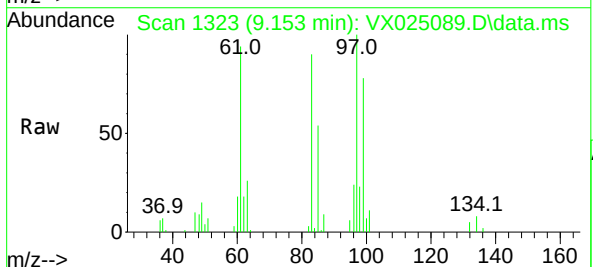
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

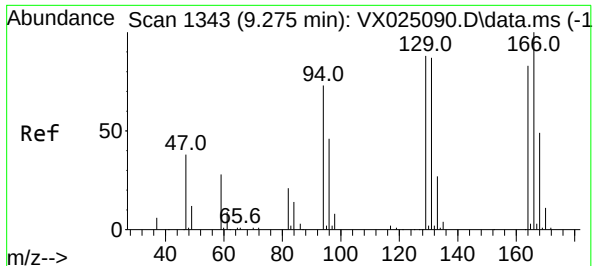
Tgt Ion: 75 Resp: 19316
Ion Ratio Lower Upper
75 100
77 32.1 23.4 43.6



#45
1,1,2-Trichloroethane
Concen: 8.048 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

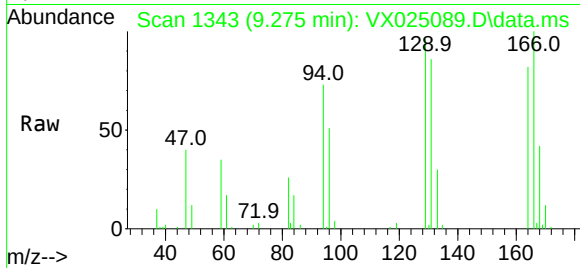
Tgt Ion: 97 Resp: 11055
Ion Ratio Lower Upper
97 100
99 77.8 43.5 80.7
83 89.6 58.2 108.0
85 53.9 37.6 69.8





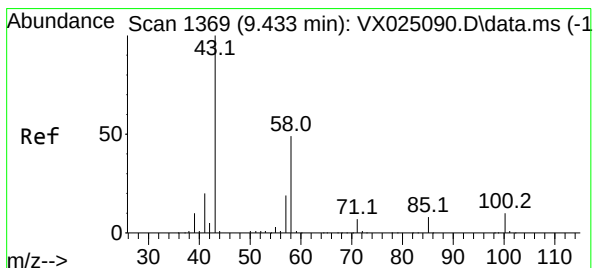
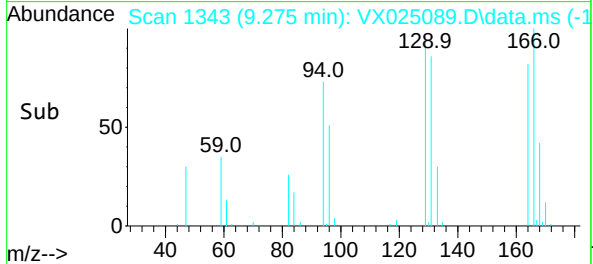
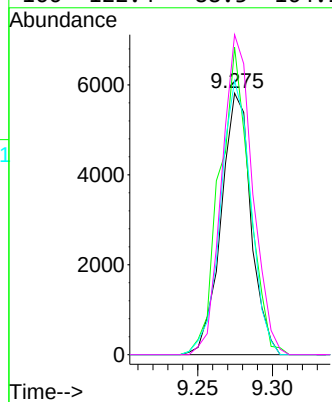
#46
Tetrachloroethene
Concen: 8.477 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Instrument :
MSVOA_X
ClientSampleId :
VSTD010625



Tgt Ion:164 Resp: 8062

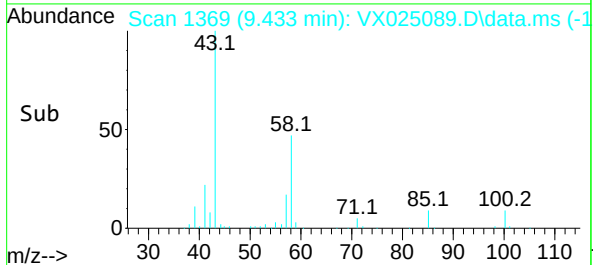
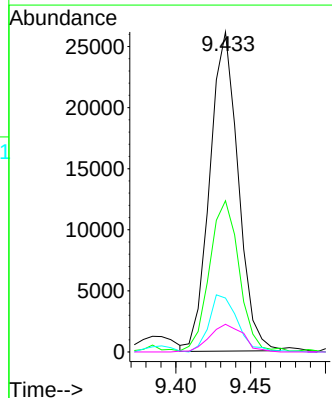
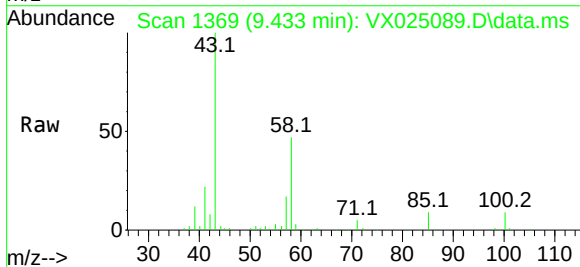
Ion	Ratio	Lower	Upper
164	100		
129	117.6	78.5	145.7
131	104.8	70.5	130.9
166	122.4	88.3	164.1

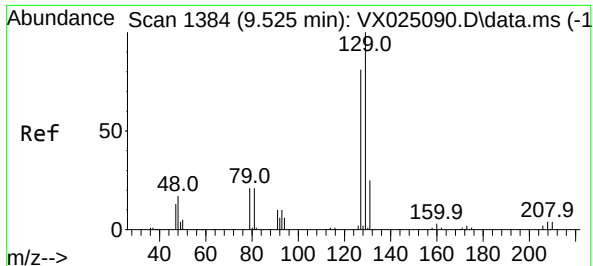


#48
2-Hexanone
Concen: 18.711 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 43 Resp: 34633

Ion	Ratio	Lower	Upper
43	100		
58	49.3	56.0	84.0#
57	18.0	20.4	30.6#
100	10.2	15.1	22.7#





#49

Dibromochloromethane

Concen: 8.223 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

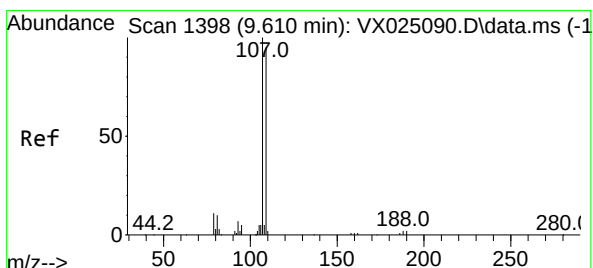
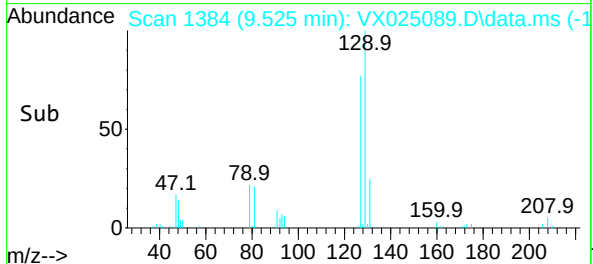
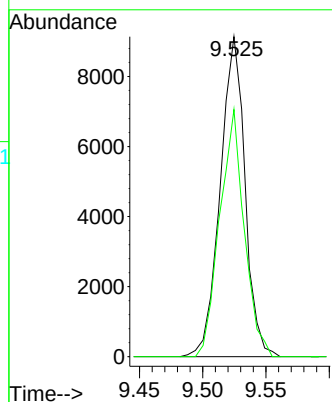
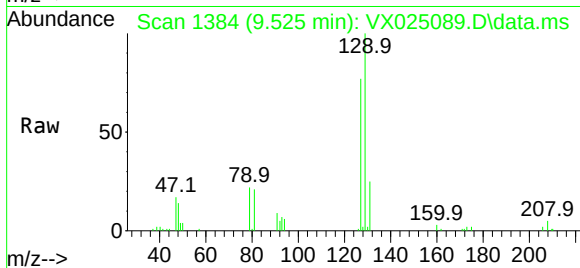
VSTD010625

Tgt Ion:129 Resp: 12422

Ion Ratio Lower Upper

129 100

127 77.2 54.1 100.5



#50

1,2-Dibromoethane

Concen: 8.686 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

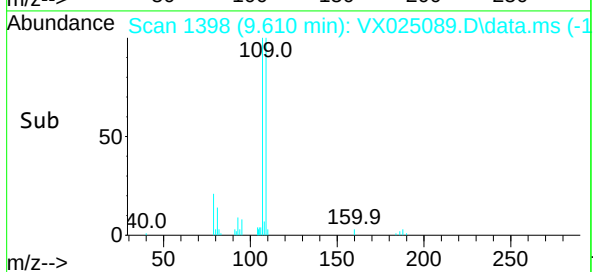
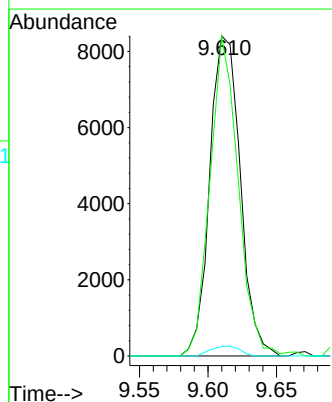
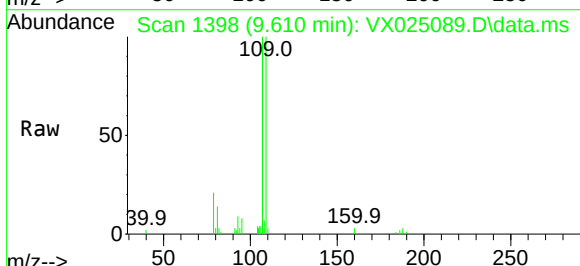
Tgt Ion:107 Resp: 13007

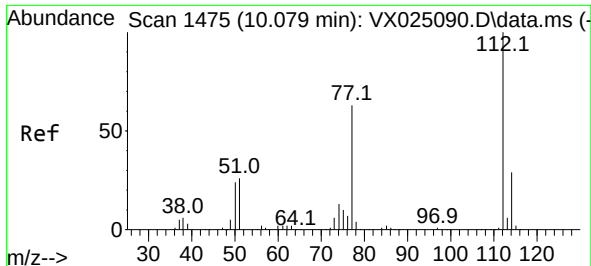
Ion Ratio Lower Upper

107 100

109 99.9 63.8 118.6

188 2.9 2.2 3.2

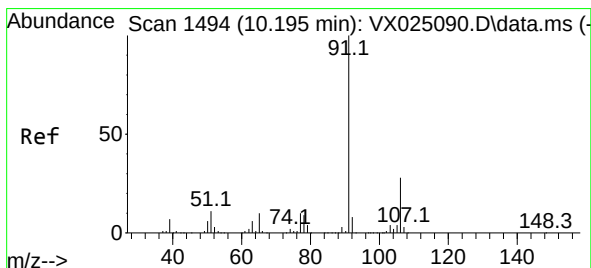
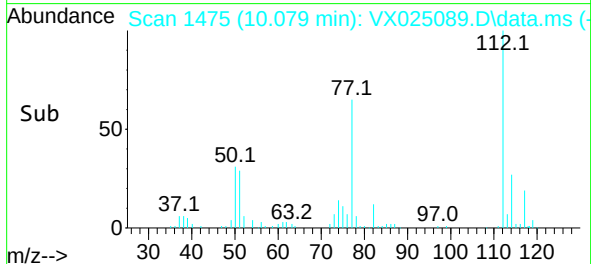
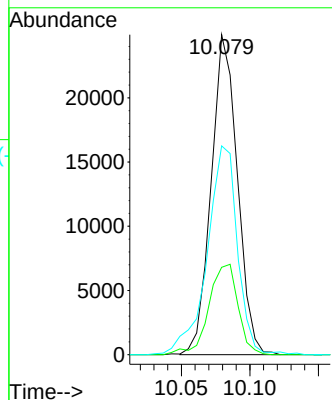
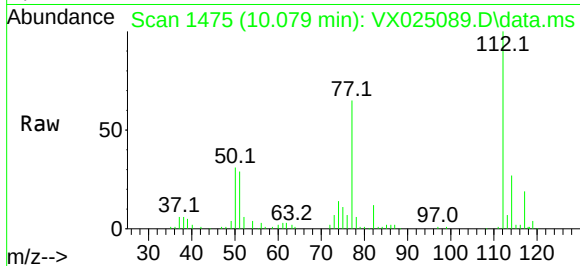




#51
Chlorobenzene
Concen: 9.902 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

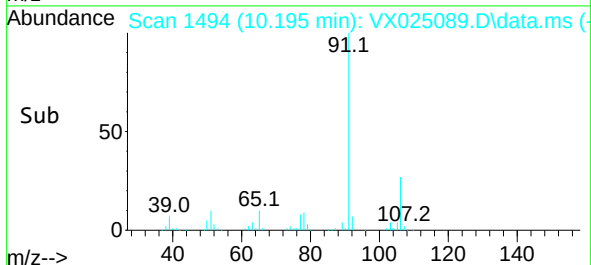
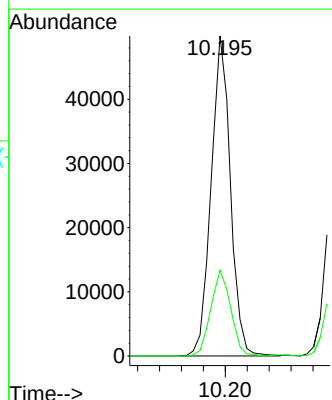
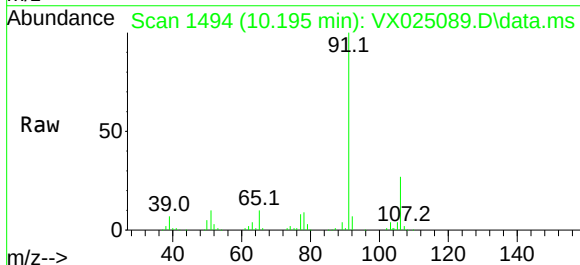
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

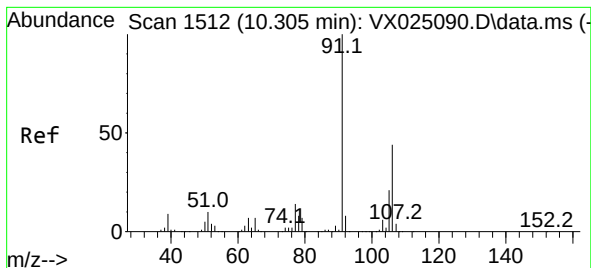
Tgt Ion:112 Resp: 33183
Ion Ratio Lower Upper
112 100
114 27.3 22.7 42.3
77 65.2 46.8 70.2



#52
Ethylbenzene
Concen: 9.685 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 91 Resp: 60943
Ion Ratio Lower Upper
91 100
106 26.8 20.2 37.6





#53

m,p-Xylene

Concen: 10.325 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

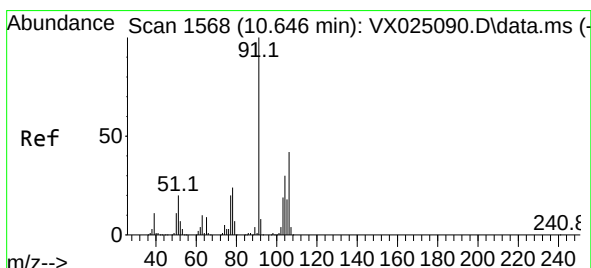
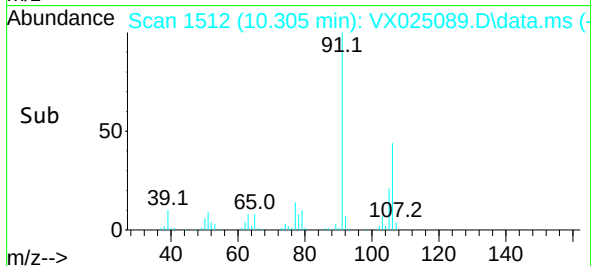
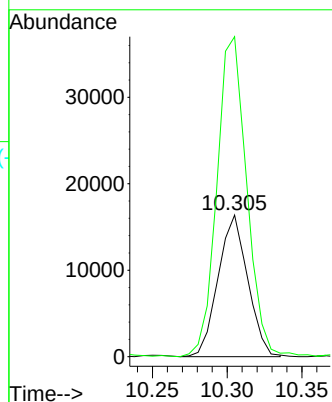
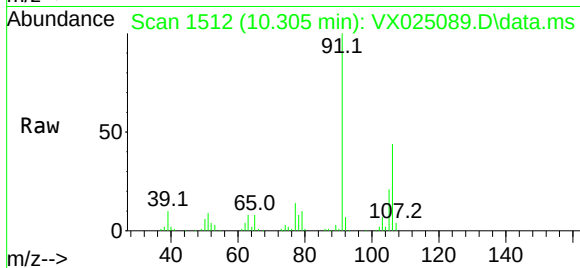
VSTD010625

Tgt Ion:106 Resp: 22574

Ion Ratio Lower Upper

106 100

91 225.9 160.2 297.6



#54

o-Xylene

Concen: 10.496 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX025089.D

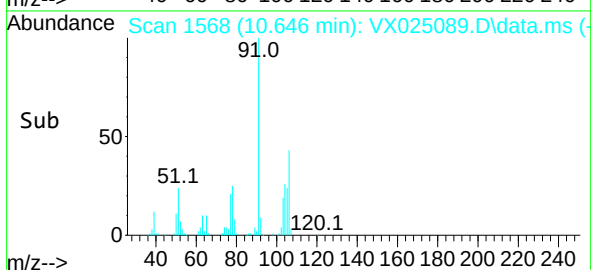
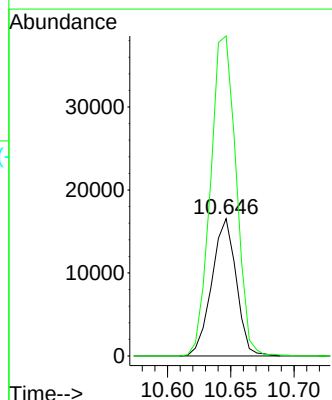
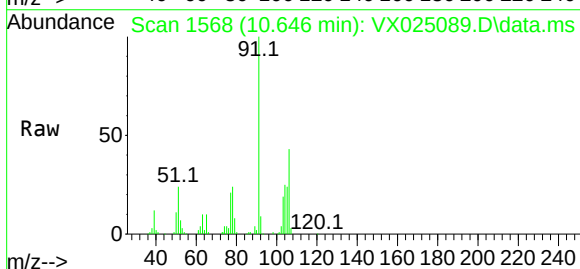
Acq: 08 Nov 2021 09:50

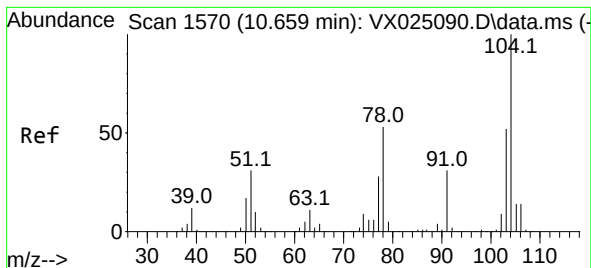
Tgt Ion:106 Resp: 22253

Ion Ratio Lower Upper

106 100

91 233.2 164.4 305.4





#55

Styrene

Concen: 10.496 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

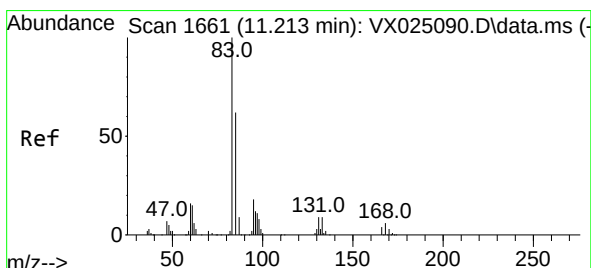
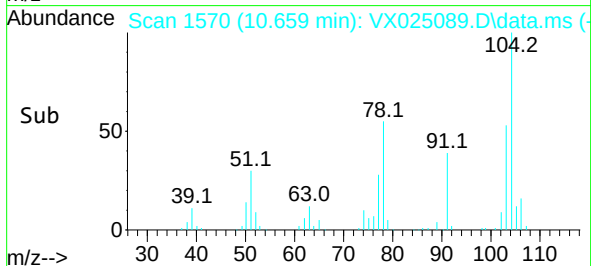
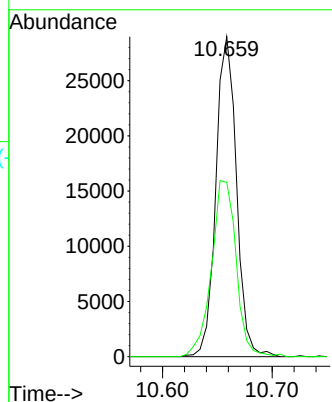
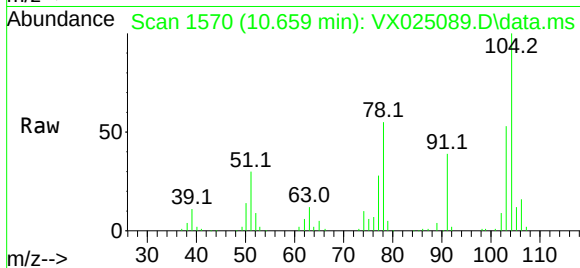
VSTD010625

Tgt Ion:104 Resp: 37830

Ion Ratio Lower Upper

104 100

78 54.5 38.2 71.0



#57

1,1,2,2-Tetrachloroethane

Concen: 12.734 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

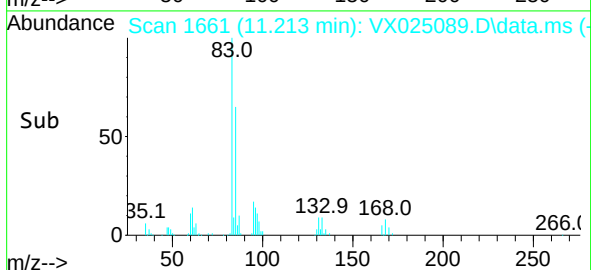
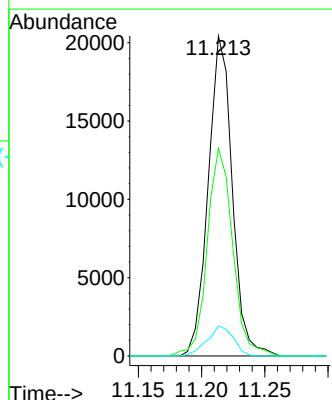
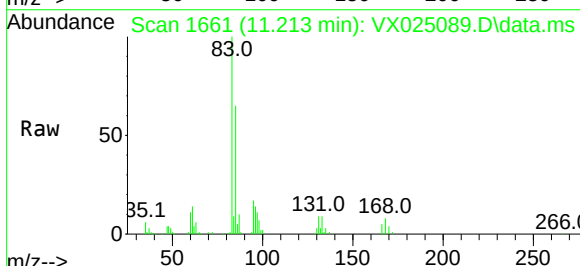
Tgt Ion: 83 Resp: 27062

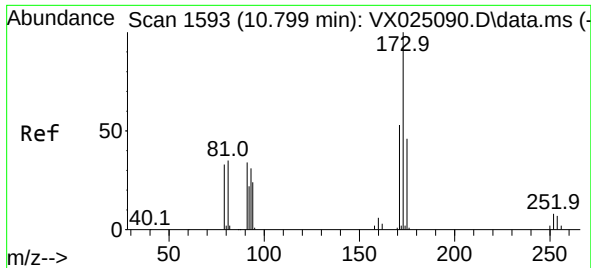
Ion Ratio Lower Upper

83 100

85 64.9 46.9 87.1

131 9.4 8.7 13.1

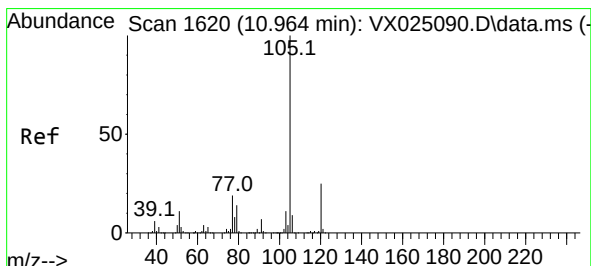
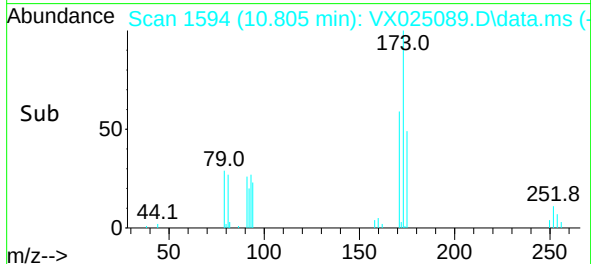
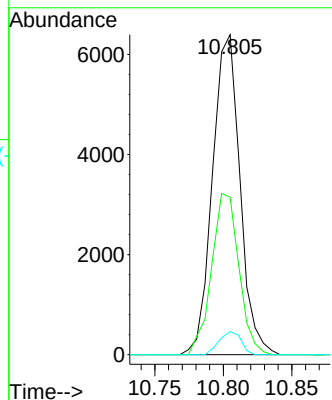
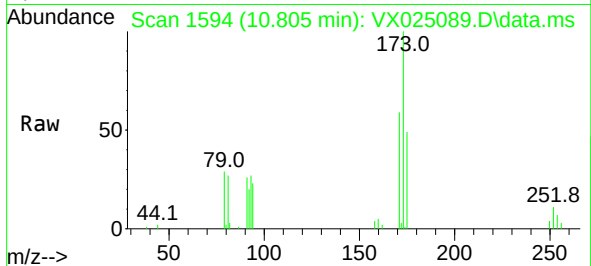




#59
Bromoform
Concen: 7.388 ug/L
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

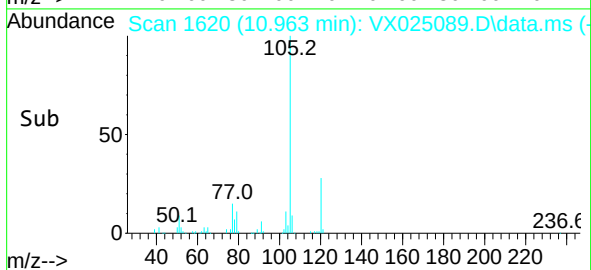
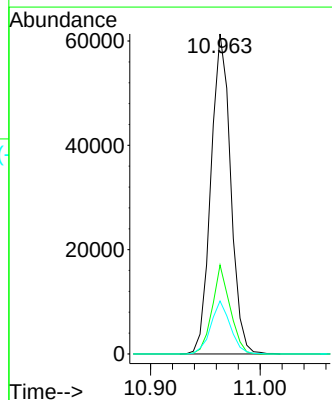
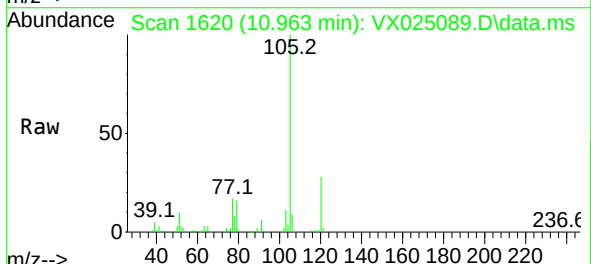
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

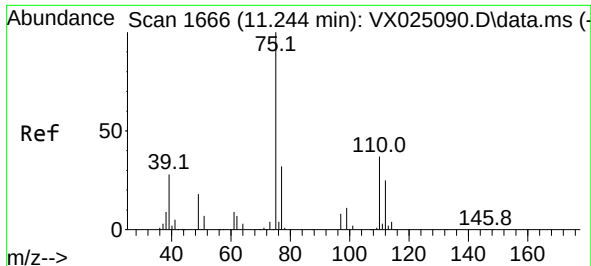
Tgt Ion:173 Resp: 8922
Ion Ratio Lower Upper
173 100
175 50.1 36.6 55.0
254 5.8 4.9 7.3



#60
Isopropylbenzene
Concen: 9.939 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion:105 Resp: 76616
Ion Ratio Lower Upper
105 100
120 25.1 19.8 29.6
77 16.4 13.2 19.8

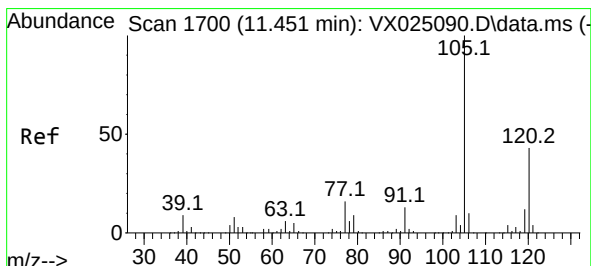
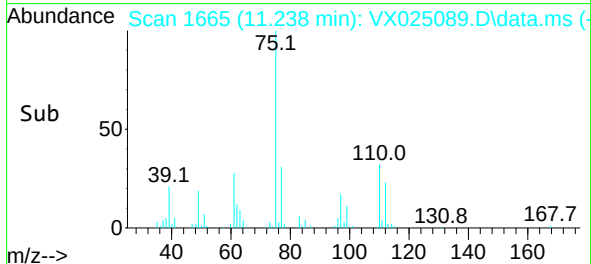
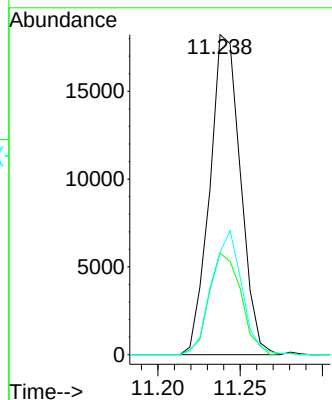
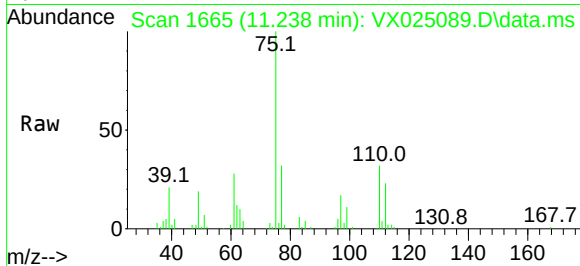




#61
1,2,3-Trichloropropane
Concen: 9.958 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

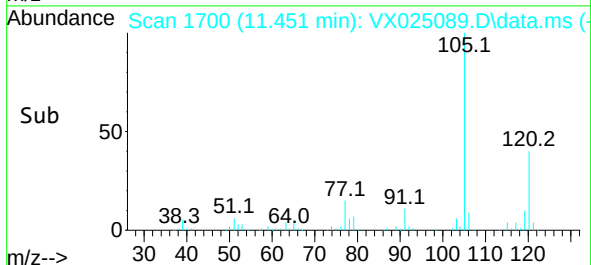
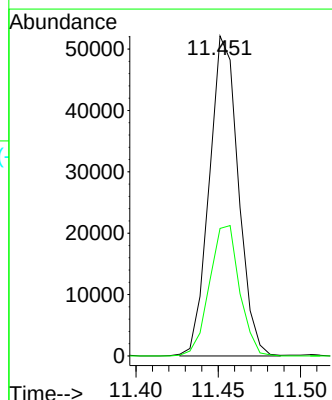
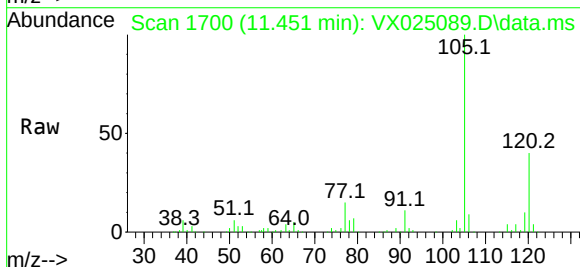
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

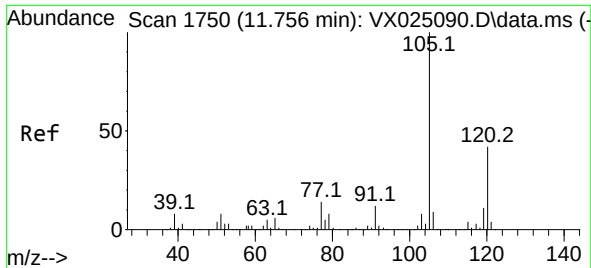
Tgt Ion: 75 Resp: 23671
Ion Ratio Lower Upper
75 100
77 33.1 26.6 39.8
110 38.0 37.2 55.8



#62
1,3,5-Trimethylbenzene
Concen: 9.940 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion: 105 Resp: 63969
Ion Ratio Lower Upper
105 100
120 42.2 34.4 51.6

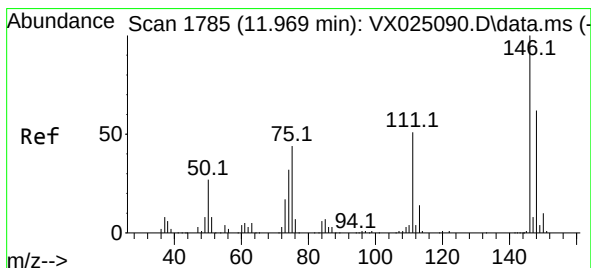
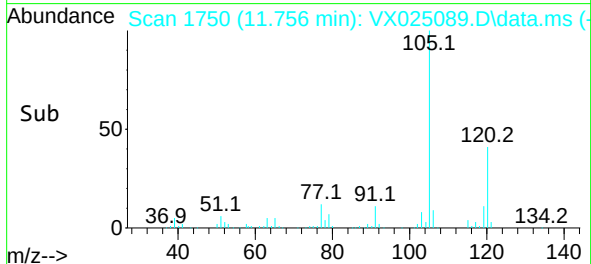
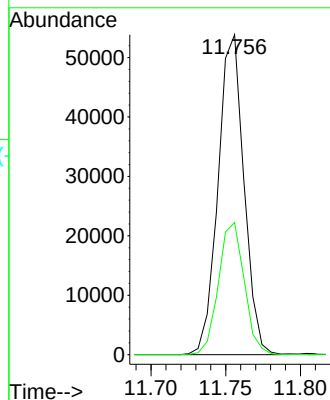
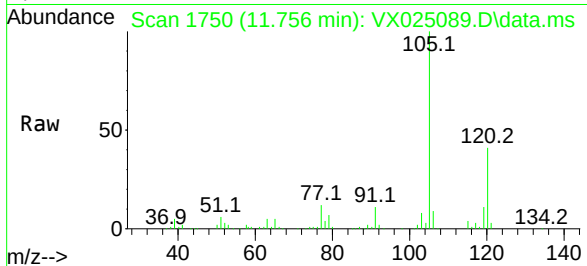




#63
1,2,4-Trimethylbenzene
Concen: 9.971 ug/L
RT: 11.756 min Scan# 11750
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

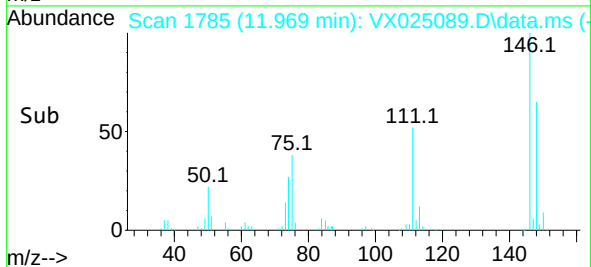
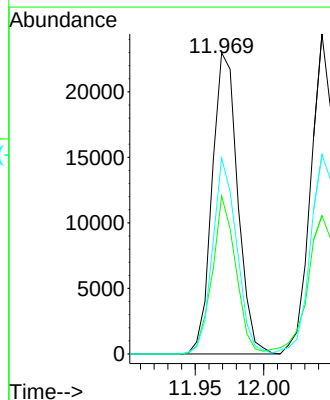
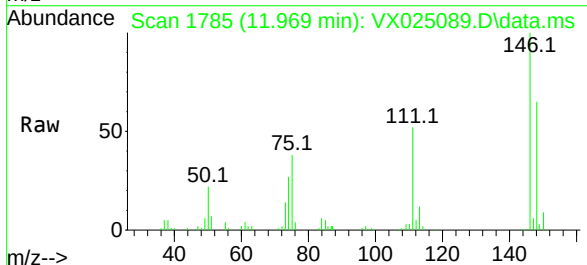
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

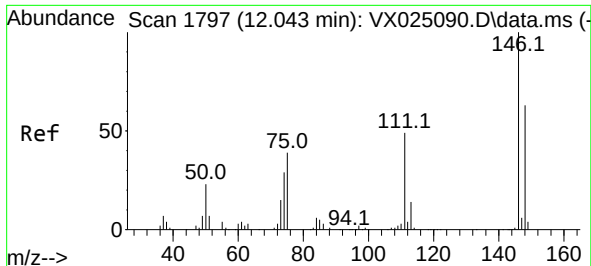
Tgt Ion:105 Resp: 64838
Ion Ratio Lower Upper
105 100
120 41.1 31.0 46.6



#64
1,3-Dichlorobenzene
Concen: 10.274 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion:146 Resp: 29800
Ion Ratio Lower Upper
146 100
111 52.5 31.1 57.9
148 65.1 43.2 80.2





#65

1,4-Dichlorobenzene

Concen: 10.059 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD010625

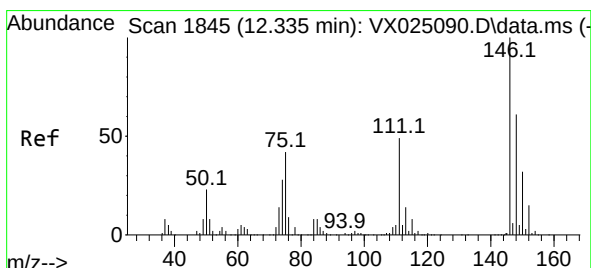
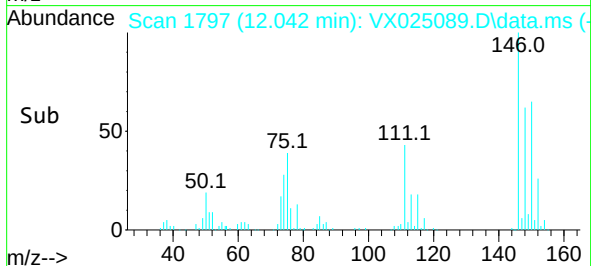
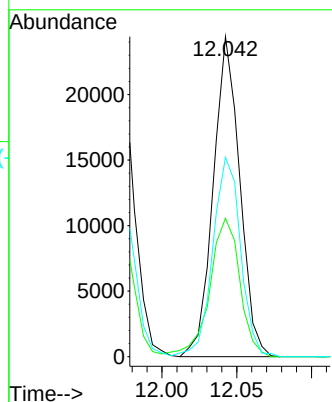
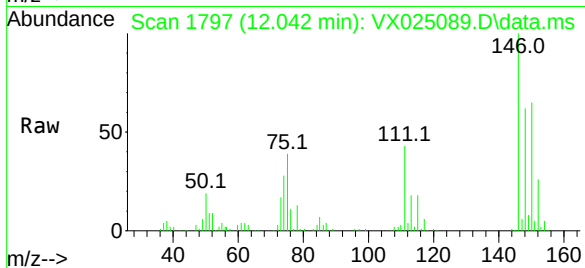
Tgt Ion:146 Resp: 30047

Ion Ratio Lower Upper

146 100

111 43.2 31.8 59.0

148 62.3 46.1 85.5



#67

1,2-Dichlorobenzene

Concen: 10.074 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025089.D

Acq: 08 Nov 2021 09:50

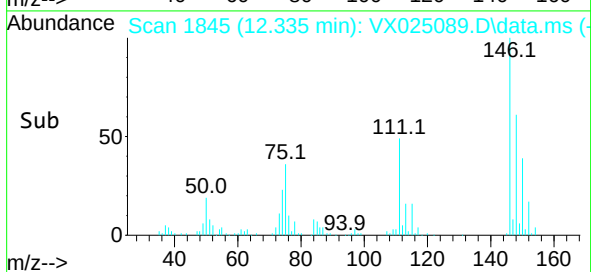
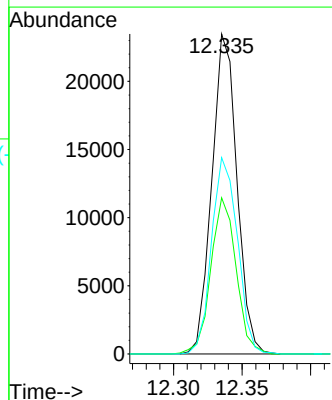
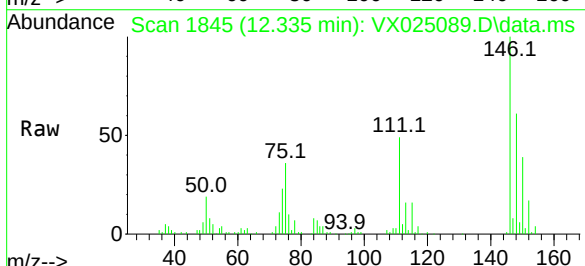
Tgt Ion:146 Resp: 29944

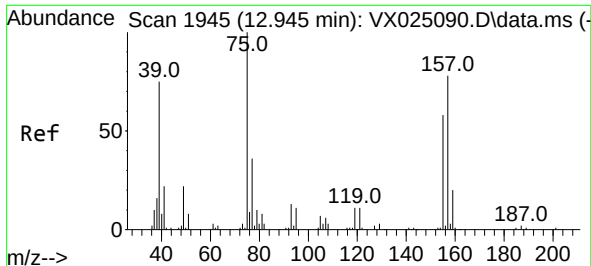
Ion Ratio Lower Upper

146 100

111 48.8 38.5 57.7

148 61.4 53.2 79.8

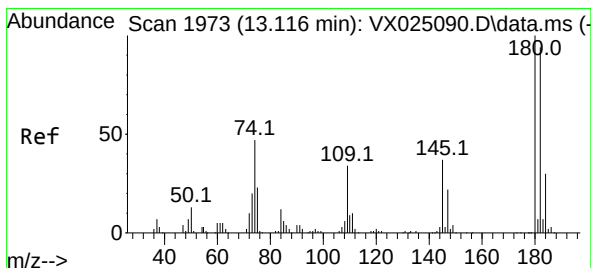
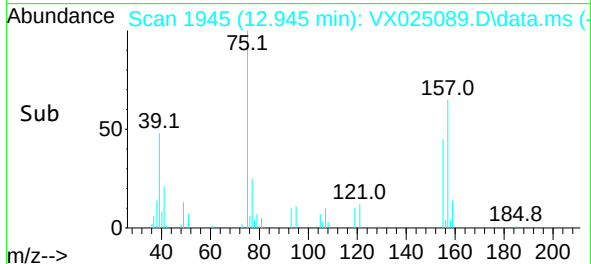
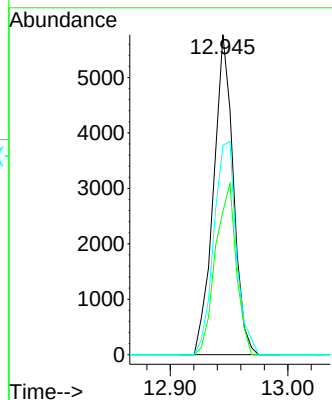
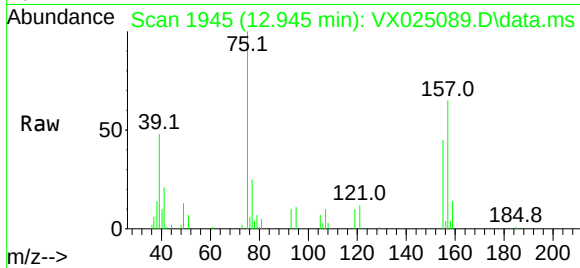




#68
 1,2-Dibromo-3-chloropropane
 Concen: 8.642 ug/L
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX025089.D
 Acq: 08 Nov 2021 09:50

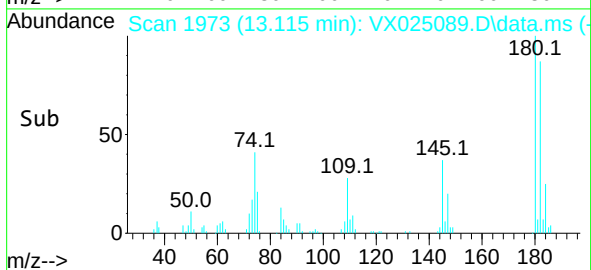
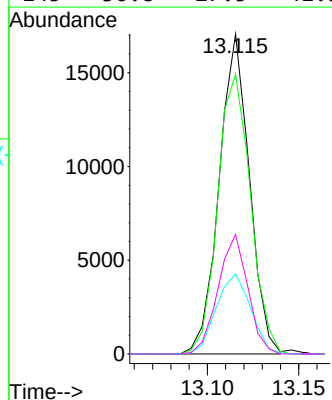
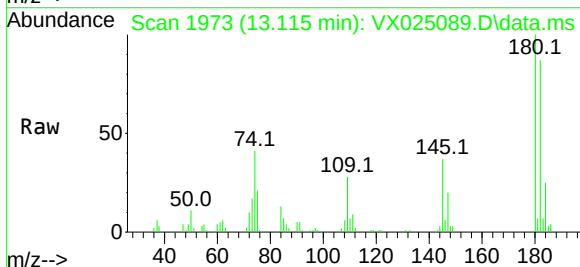
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010625

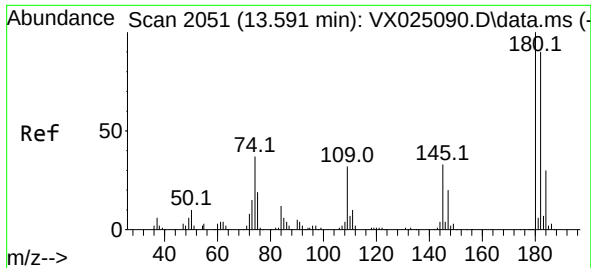
Tgt Ion: 75 Resp: 6772
 Ion Ratio Lower Upper
 75 100
 155 44.7 59.3 88.9#
 157 65.5 68.7 103.1#



#69
 1,3,5-Trichlorobenzene
 Concen: 9.139 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX025089.D
 Acq: 08 Nov 2021 09:50

Tgt Ion: 180 Resp: 19630
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.2 111.4
 184 28.5 23.7 35.5
 145 36.8 27.5 41.3

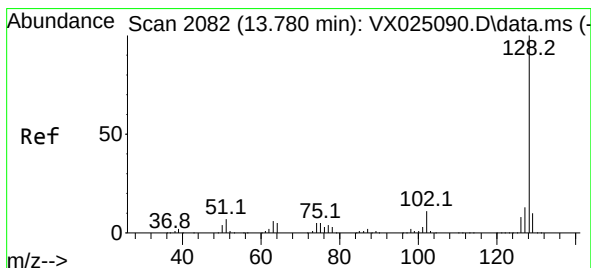
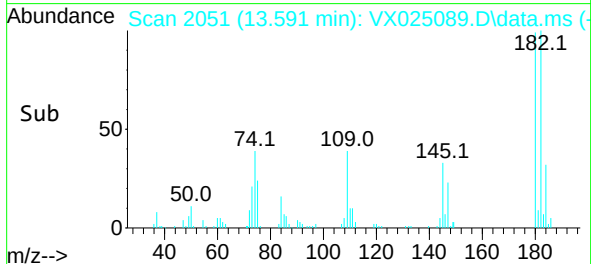
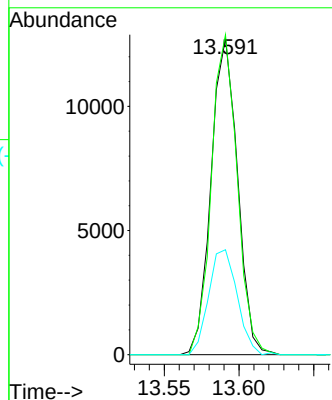
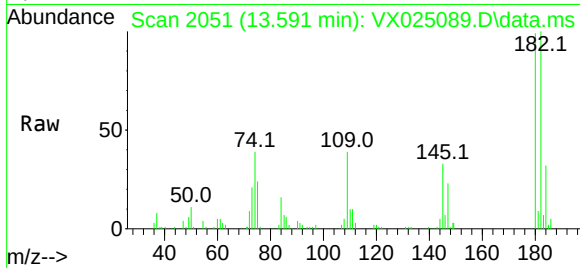




#70
1,2,4-trichlorobenzene
Concen: 8.367 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

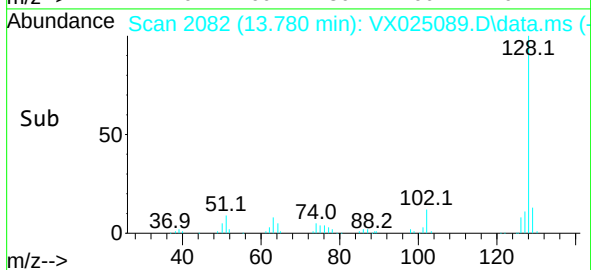
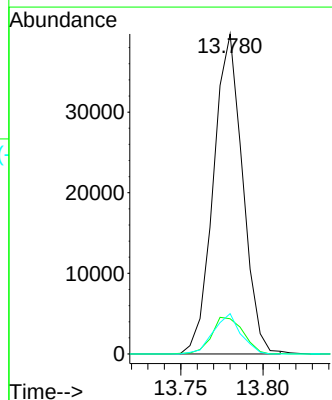
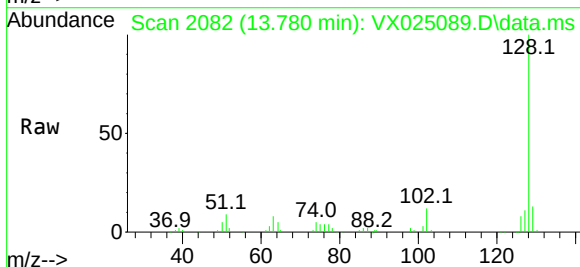
Instrument :
MSVOA_X
ClientSampleId :
VSTD010625

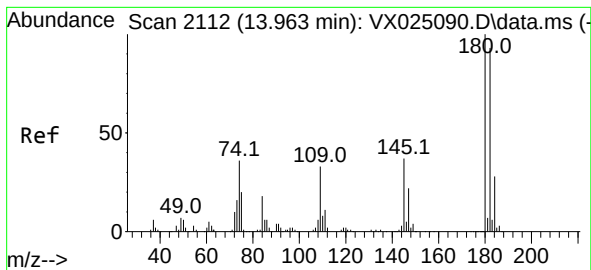
Tgt Ion:180 Resp: 15695
Ion Ratio Lower Upper
180 100
182 98.5 76.4 114.6
145 35.7 28.8 43.2



#71
Naphthalene
Concen: 7.417 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025089.D
Acq: 08 Nov 2021 09:50

Tgt Ion:128 Resp: 49042
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 11.8 9.1 13.7





#72

1,2,3-Trichlorobenzene

Concen: 6.166 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX025089.D

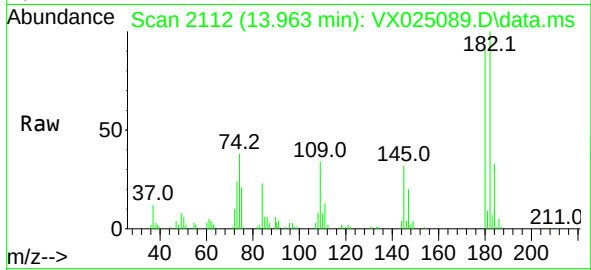
Acq: 08 Nov 2021 09:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD010625



Tgt Ion:180 Resp: 11882

Ion Ratio Lower Upper

180 100

182 99.4 73.3 109.9

145 39.8 29.0 43.4

