

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021422\
 Data File : VX027022.D
 Acq On : 14 Feb 2022 18:46
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050751

Quant Time: Feb 15 05:22:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 15 05:10:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	130284	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	124119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64338	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	47825	41.355	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.720%
7) Chloroethane-d5	1.672	69	34957	47.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.220%
11) 1,1-Dichloroethene-d2	2.312	63	96404	43.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%
21) 2-Butanone-d5	4.458	46	79257	98.666	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.670%
24) Chloroform-d	5.062	84	97743	45.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.020%
26) 1,2-Dichloroethane-d4	5.958	65	62824	44.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
32) Benzene-d6	5.976	84	195614	43.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.500%
36) 1,2-Dichloropropane-d6	7.312	67	59653	44.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.820%
41) Toluene-d8	8.653	98	179130	43.787	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.580%
43) trans-1,3-Dichloroprop...	8.951	79	26054	43.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.040%
47) 2-Hexanone-d5	9.384	63	58290	101.515	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.510%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	75009	47.787	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.580%
66) 1,2-Dichlorobenzene-d4	12.323	152	66313	45.375	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	68280	48.828	ug/L	99
3) Chloromethane	1.294	50	53123	48.272	ug/L	99
5) Vinyl chloride	1.380	62	52704	47.634	ug/L	97
6) Bromomethane	1.617	94	21953	46.643	ug/L	98
8) Chloroethane	1.691	64	30101	50.324	ug/L	96
9) Trichlorofluoromethane	1.892	101	72871	47.345	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	48518	48.895	ug/L	100
12) 1,1-Dichloroethene	2.325	96	44529	48.848	ug/L	88
13) Acetone	2.386	43	65799	97.330	ug/L	100
14) Carbon disulfide	2.520	76	125150	46.344	ug/L	100
15) Methyl Acetate	2.703	43	54204	51.903	ug/L	99
16) Methylene chloride	2.794	84	49140	49.214	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	46786	48.506	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	148291	50.098	ug/L	100
19) 1,1-Dichloroethane	3.617	63	84710	49.239	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	52957	50.034	ug/L	97
22) 2-Butanone	4.556	43	87531	101.087	ug/L	100
23) Bromochloromethane	4.910	128	26992	49.940	ug/L	97
25) Chloroform	5.099	83	90383	49.113	ug/L	100

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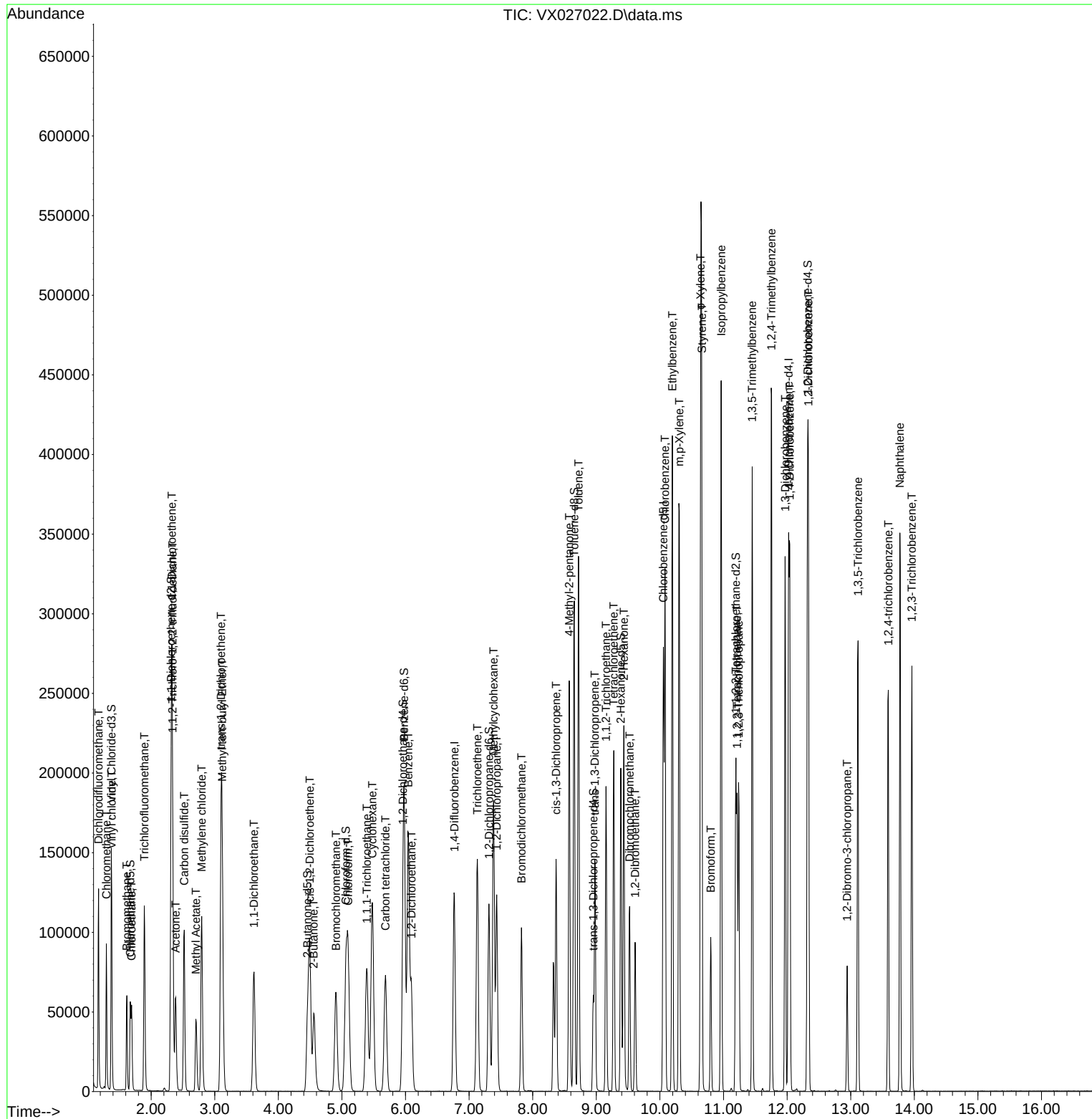
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	70007	49.182	ug/L	99
29) Cyclohexane	5.477	56	83097	48.832	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	77162	47.774	ug/L	100
31) Carbon tetrachloride	5.684	117	67557	47.151	ug/L	100
33) Benzene	6.043	78	197467	49.238	ug/L	100
34) Trichloroethene	7.129	95	55447	48.333	ug/L	98
35) Methylcyclohexane	7.385	83	83897	48.393	ug/L	99
37) 1,2-Dichloropropane	7.433	63	49101	48.680	ug/L	100
38) Bromodichloromethane	7.824	83	65309	48.237	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	73659	48.726	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	151092	105.381	ug/L	100
42) Toluene	8.720	91	210920	48.984	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	68884	48.485	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	48505	49.183	ug/L	99
46) Tetrachloroethene	9.275	164	41166	48.465	ug/L	99
48) 2-Hexanone	9.433	43	119975	103.357	ug/L	99
49) Dibromochloromethane	9.525	129	51861	47.950	ug/L	98
50) 1,2-Dibromoethane	9.610	107	50975	49.235	ug/L	98
51) Chlorobenzene	10.079	112	134682	48.846	ug/L	98
52) Ethylbenzene	10.195	91	230638	49.795	ug/L	100
53) m,p-Xylene	10.305	106	90766	49.707	ug/L	94
54) o-Xylene	10.640	106	88112	50.443	ug/L	99
55) Styrene	10.659	104	151157	51.097	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	66707	51.081	ug/L	98
59) Bromoform	10.799	173	34793	47.128	ug/L	100
60) Isopropylbenzene	10.963	105	232229	49.958	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	61146	50.106	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	162191	50.586	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	198278	50.920	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	103321	49.966	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	101252	48.659	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	99095	49.567	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	14567	49.157	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	69020	48.572	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	61949	49.380	ug/L	99
71) Naphthalene	13.774	128	219419	52.528	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	61616	49.121	ug/L	98

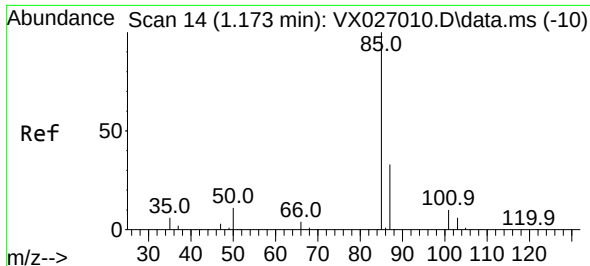
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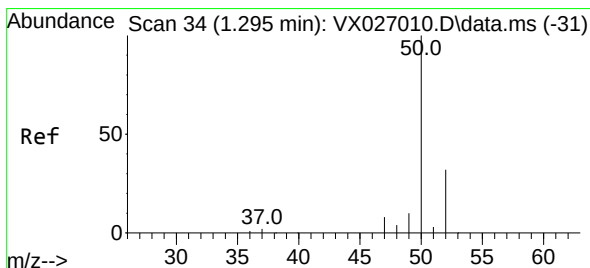
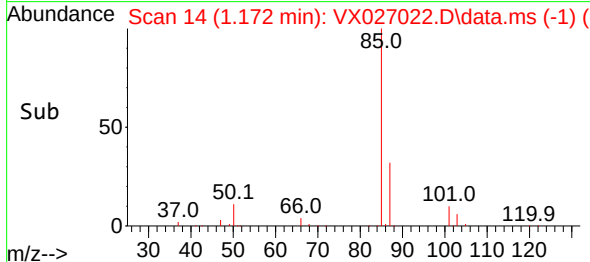
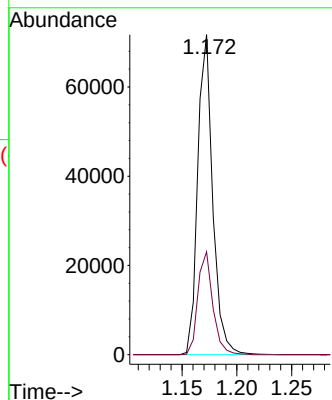
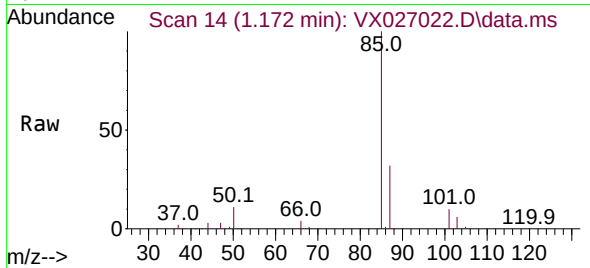




#2
 Dichlorodifluoromethane
 Concen: 48.828 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VX027022.D
 Acq: 14 Feb 2022 18:46

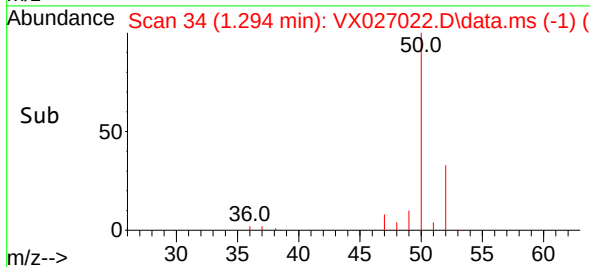
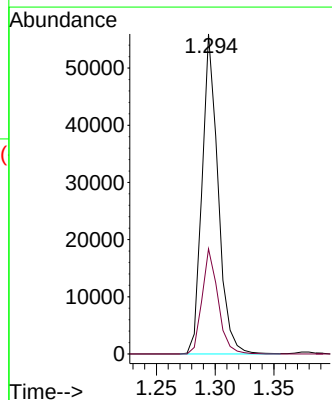
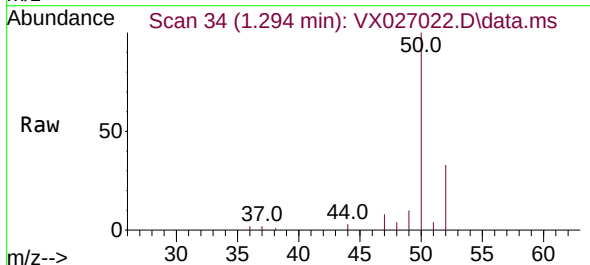
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050751

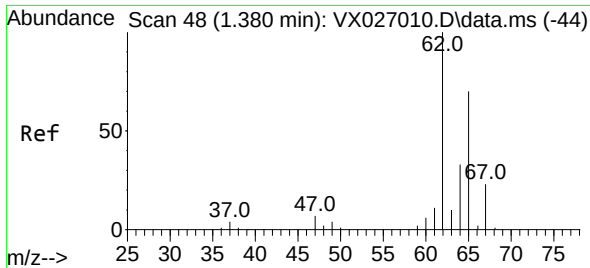
Tgt Ion: 85 Resp: 68280
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 48.272 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX027022.D
 Acq: 14 Feb 2022 18:46

Tgt Ion: 50 Resp: 53123
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.7

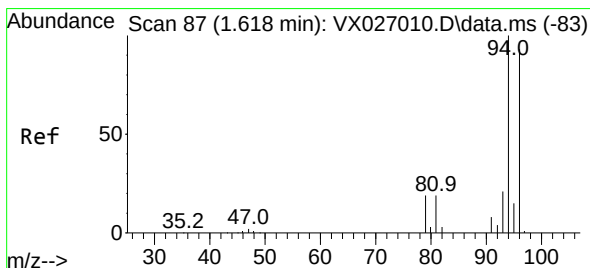
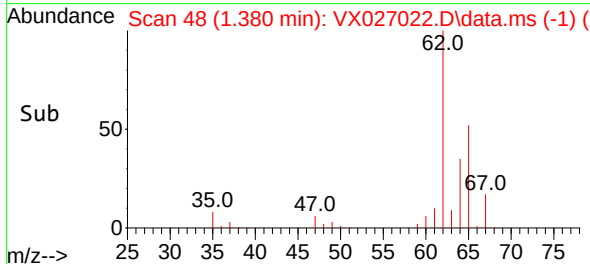
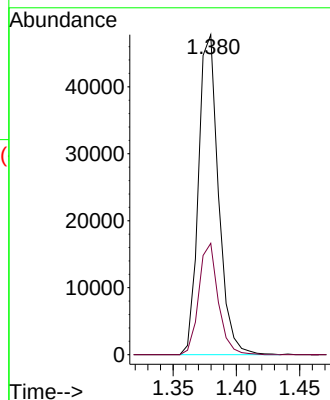
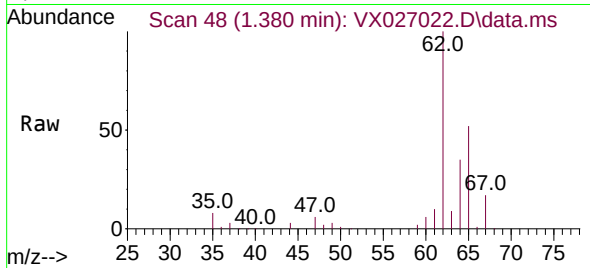




#5
 Vinyl chloride
 Concen: 47.634 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VX027022.D
 Acq: 14 Feb 2022 18:46

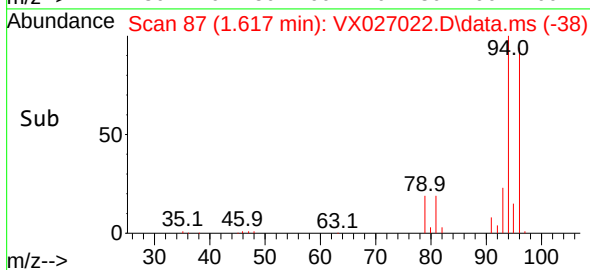
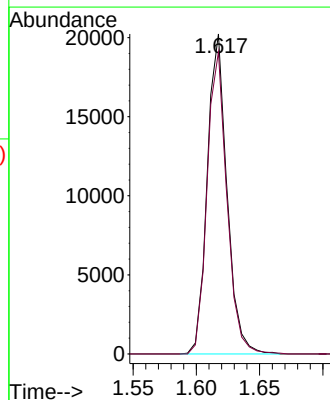
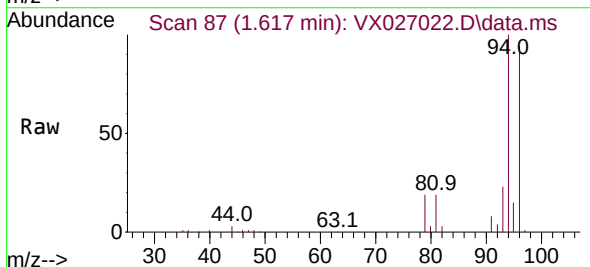
Instrument :
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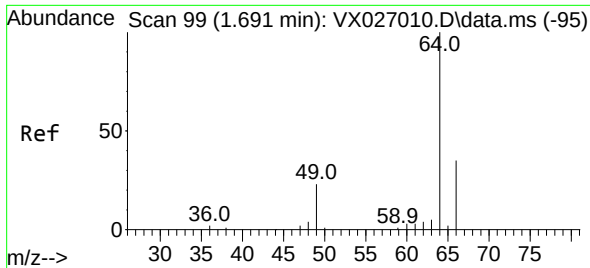
Tgt Ion: 62 Resp: 52704
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.3 43.3



#6
 Bromomethane
 Concen: 46.643 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX027022.D
 Acq: 14 Feb 2022 18:46

Tgt Ion: 94 Resp: 21953
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.9 120.5

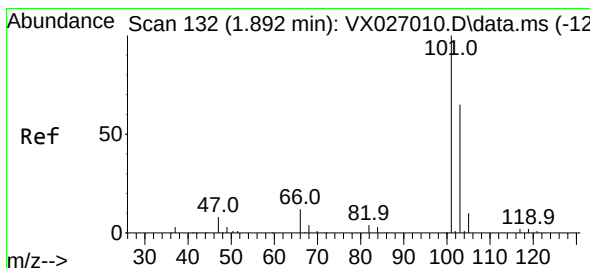
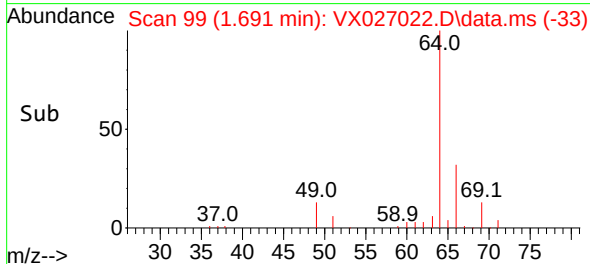
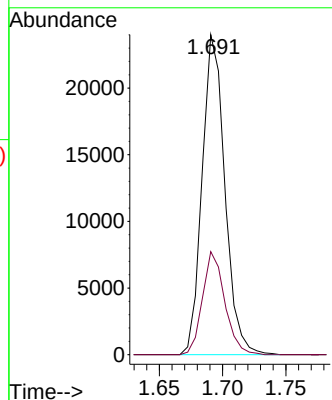
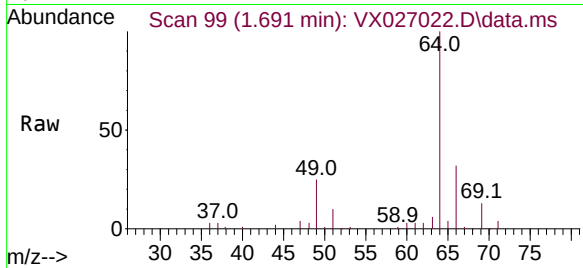




#8
Chloroethane
Concen: 50.324 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

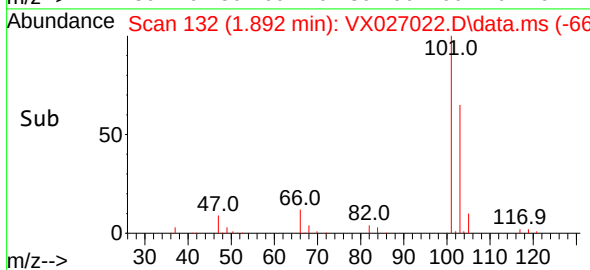
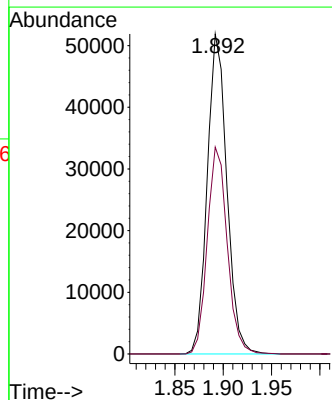
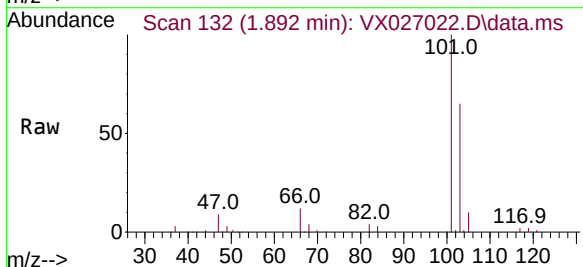
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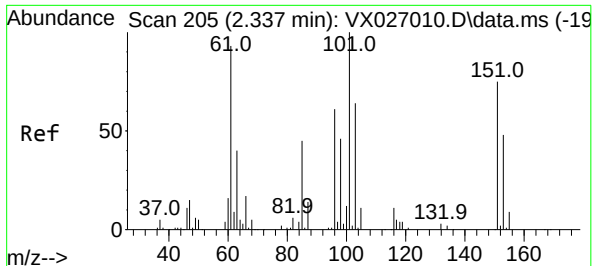
Tgt Ion: 64 Resp: 30101
Ion Ratio Lower Upper
64 100
66 32.2 24.2 45.0



#9
Trichlorofluoromethane
Concen: 47.345 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion: 101 Resp: 72871
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

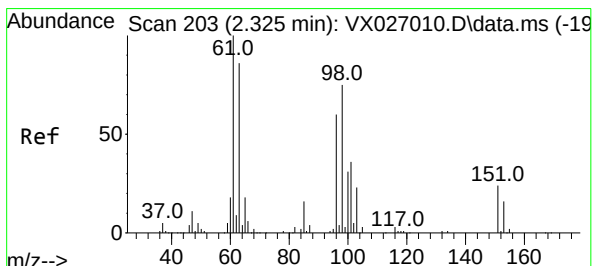
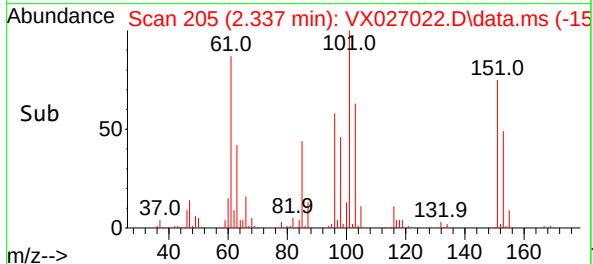
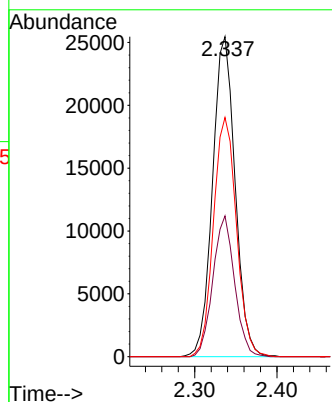
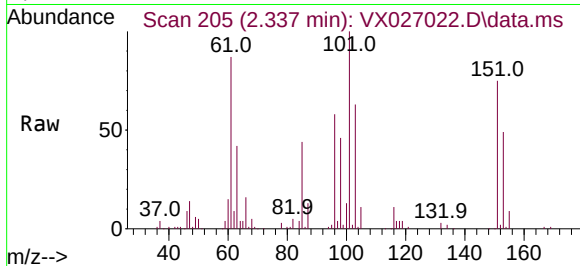




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.895 ug/L
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX027022.D
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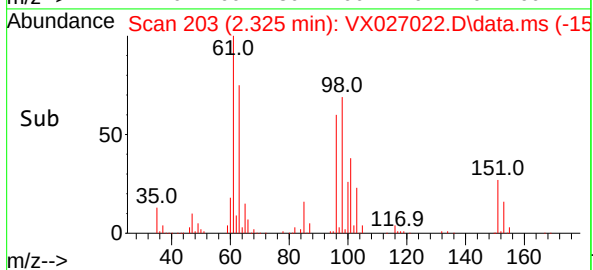
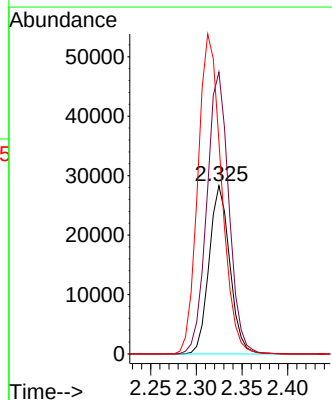
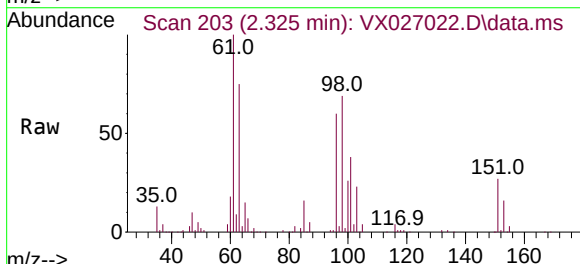
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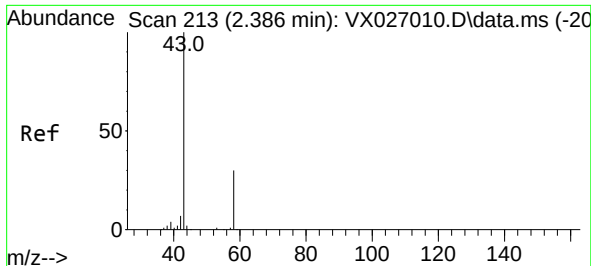
Tgt Ion:101 Resp: 48518
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.9 50.9
 151 76.1 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 48.848 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX027022.D
 Acq: 14 Feb 2022 18:46

Tgt Ion: 96 Resp: 44529
 Ion Ratio Lower Upper
 96 100
 61 167.5 118.2 219.4
 63 126.4 109.6 203.4





#13

Acetone

Concen: 97.330 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

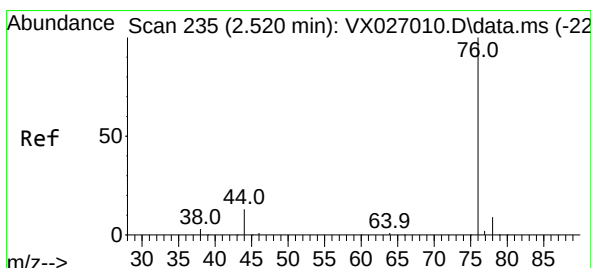
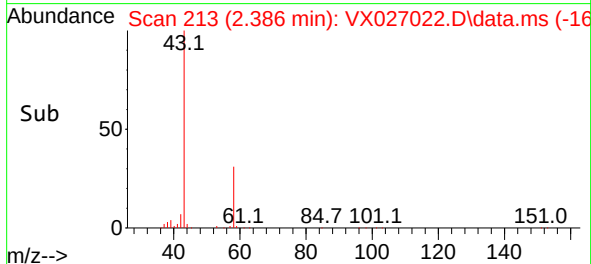
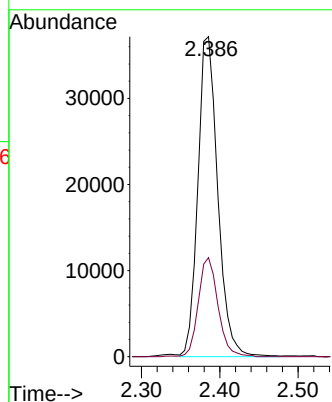
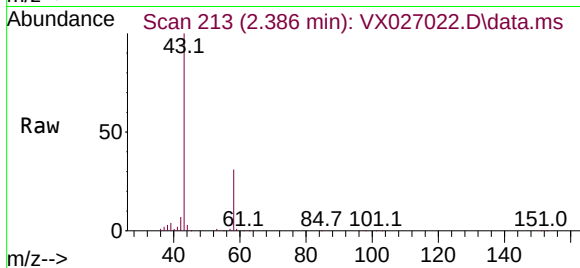
VSTD050751

Tgt Ion: 43 Resp: 65799

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.4



#14

Carbon disulfide

Concen: 46.344 ug/L

RT: 2.520 min Scan# 235

Delta R.T. -0.000 min

Lab File: VX027022.D

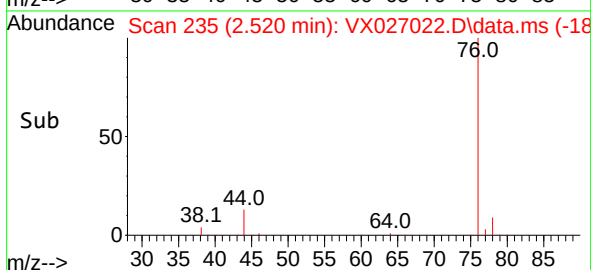
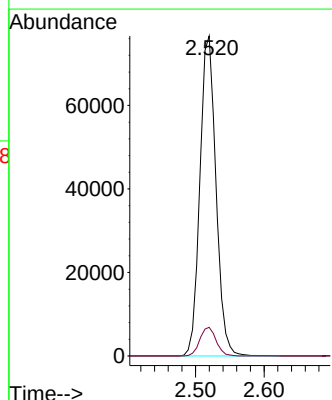
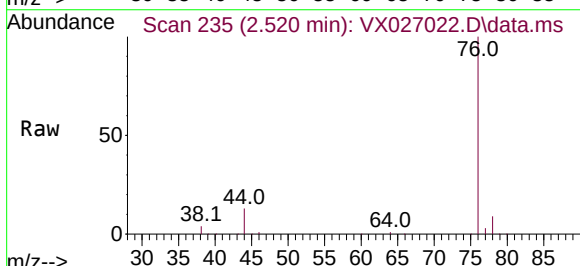
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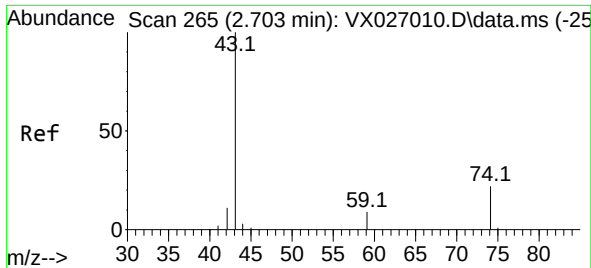
Tgt Ion: 76 Resp: 125150

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

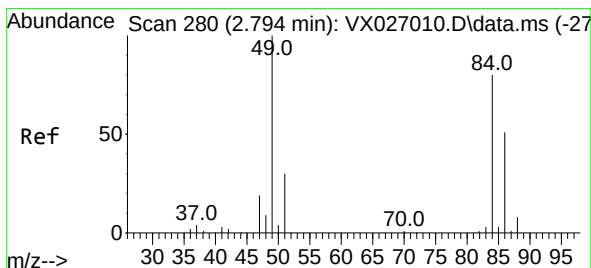
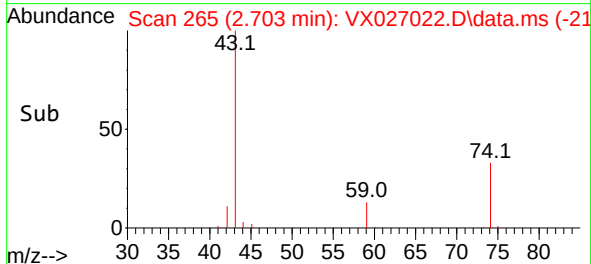
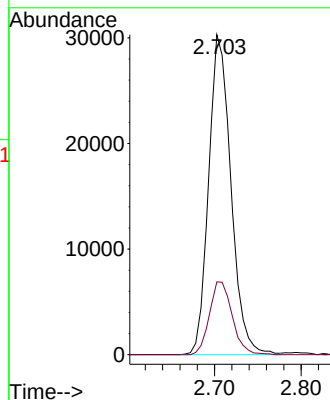
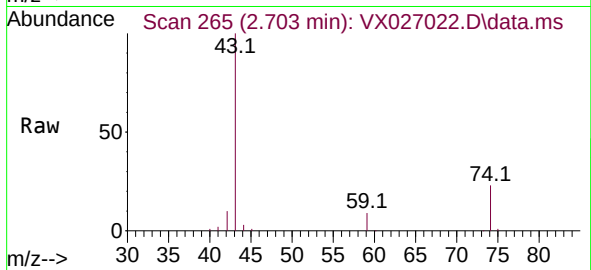




#15
Methyl Acetate
Concen: 51.903 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

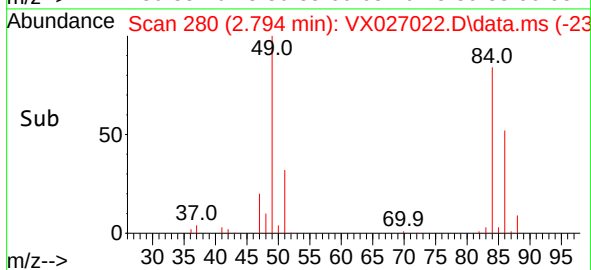
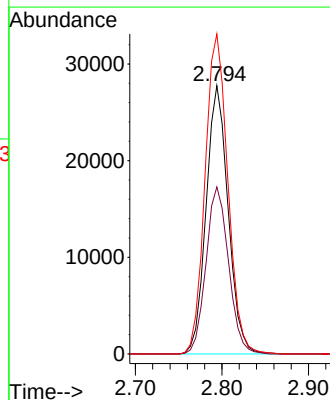
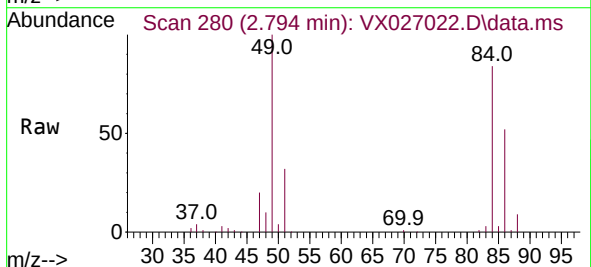
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

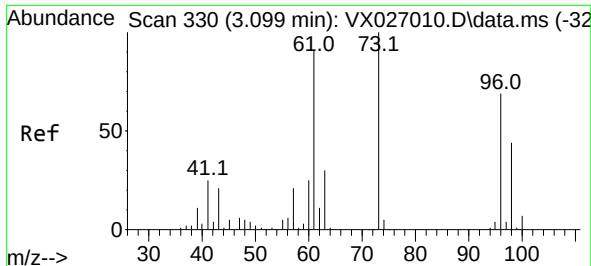
Tgt Ion: 43 Resp: 54204
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.4



#16
Methylene chloride
Concen: 49.214 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion: 84 Resp: 49140
Ion Ratio Lower Upper
84 100
86 62.3 44.8 83.2
49 119.3 87.0 161.6

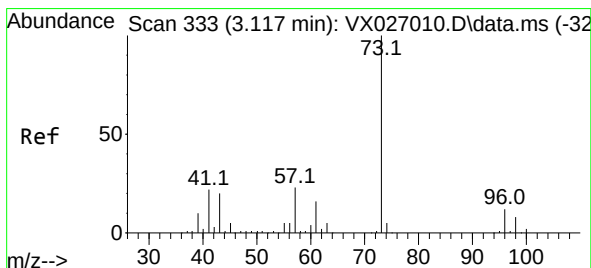
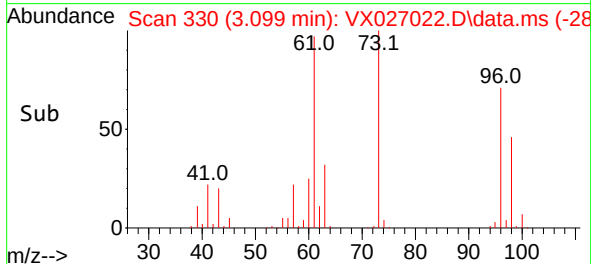
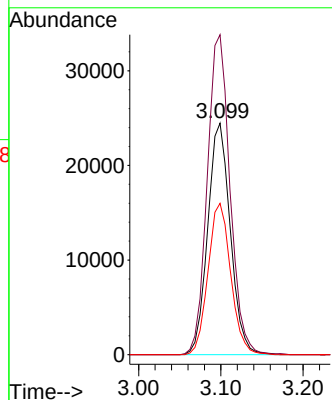
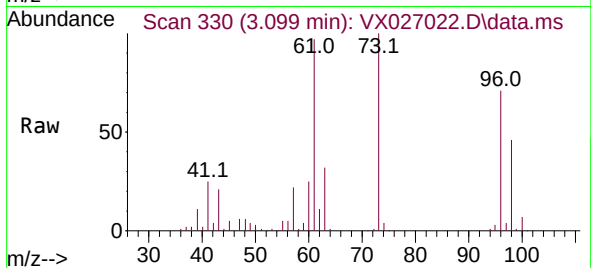




#17
trans-1,2-Dichloroethene
Concen: 48.506 ug/L
RT: 3.099 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

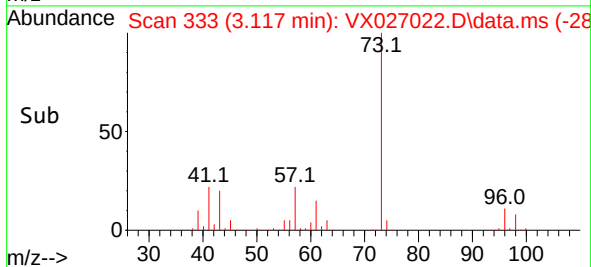
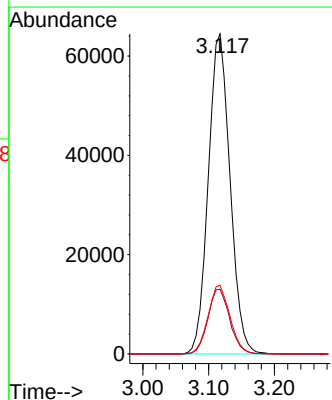
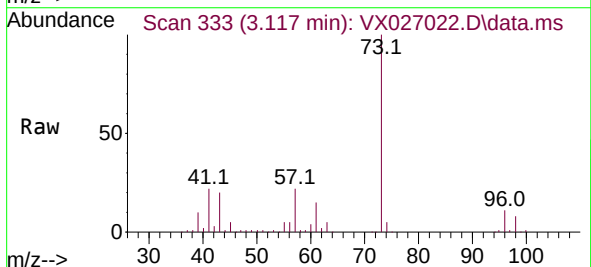
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

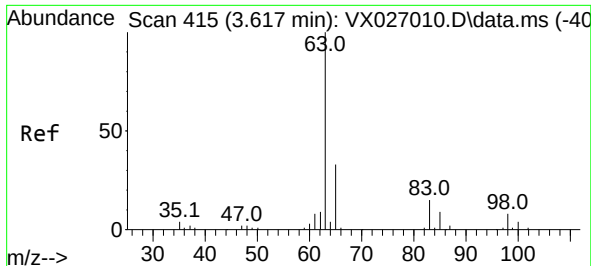
Tgt Ion: 96 Resp: 46786
Ion Ratio Lower Upper
96 100
61 138.2 93.0 172.6
98 65.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 50.098 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion: 73 Resp: 148291
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 21.7 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.239 ug/L

RT: 3.617 min Scan# 415

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

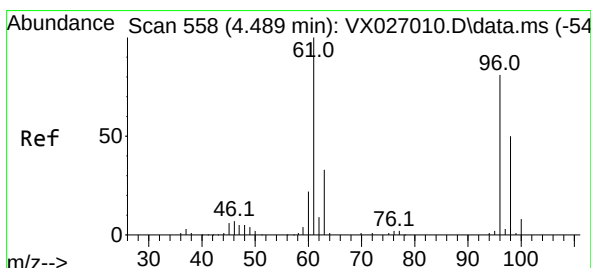
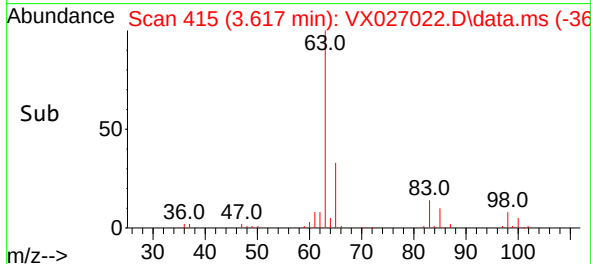
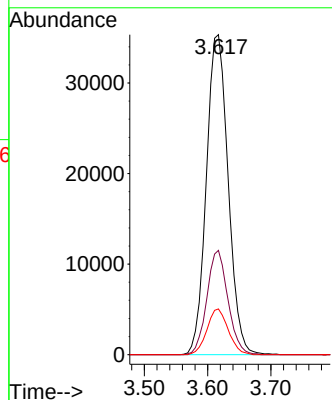
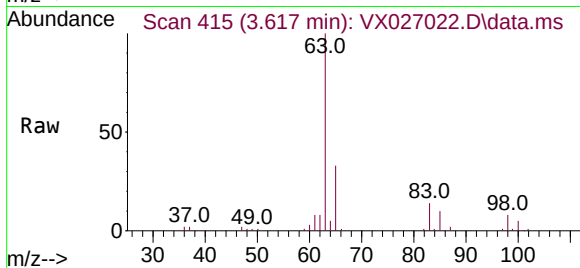
Tgt Ion: 63 Resp: 84710

Ion Ratio Lower Upper

63 100

65 32.6 22.9 42.5

83 14.3 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 50.034 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

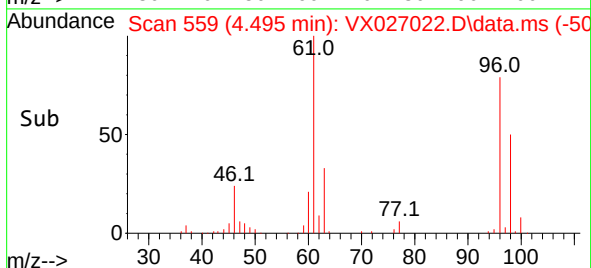
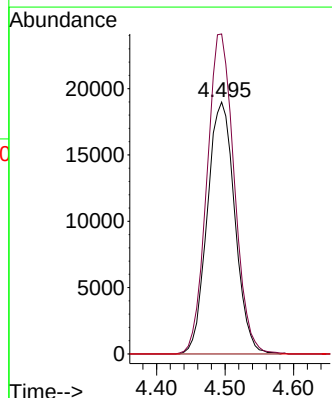
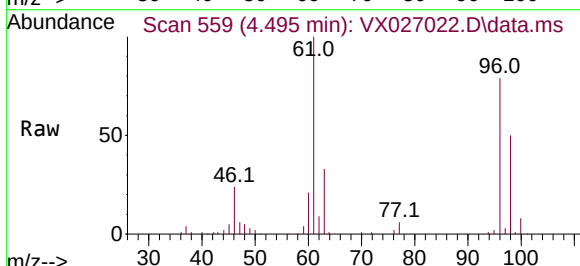
Tgt Ion: 96 Resp: 52957

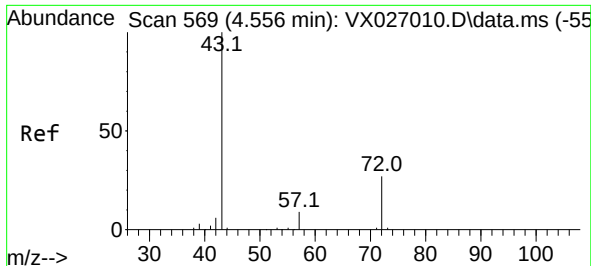
Ion Ratio Lower Upper

96 100

61 127.1 86.7 161.1

68 0.0 0.0 0.0

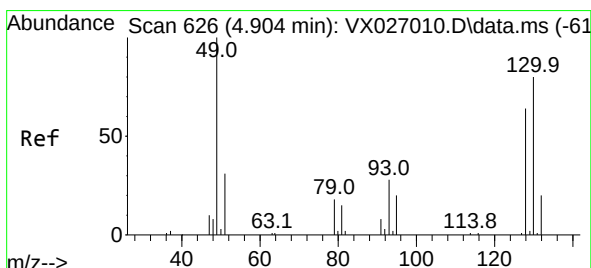
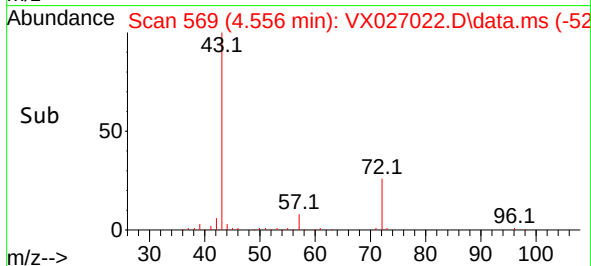
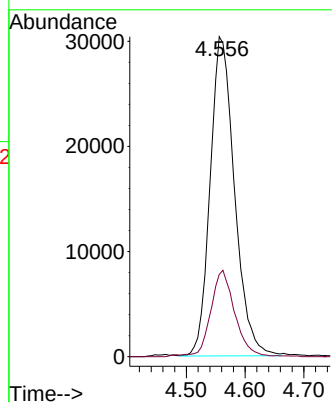
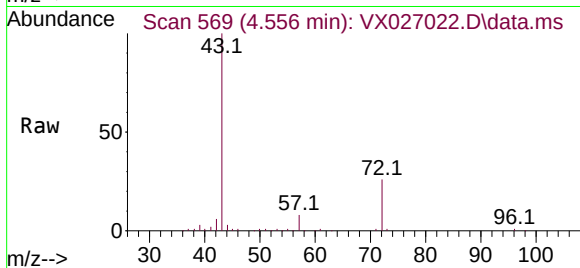




#22
2-Butanone
Concen: 101.087 ug/L
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

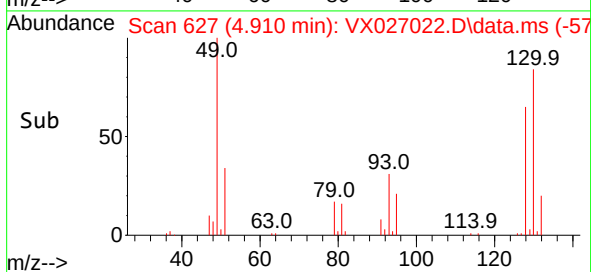
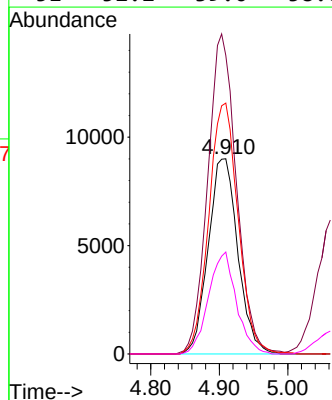
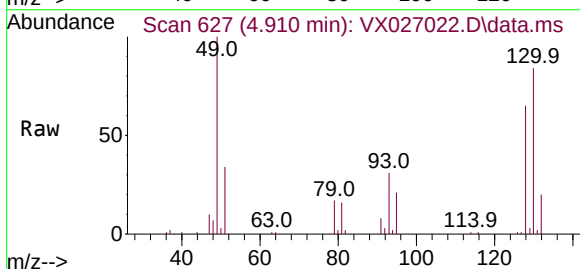
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

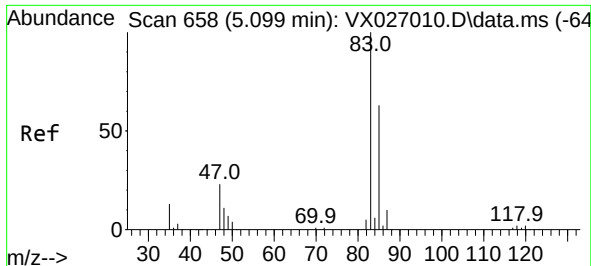
Tgt Ion: 43 Resp: 87531
Ion Ratio Lower Upper
43 100
72 26.5 13.2 39.5



#23
Bromochloromethane
Concen: 49.940 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion:128 Resp: 26992
Ion Ratio Lower Upper
128 100
49 153.0 110.2 204.6
130 128.5 88.2 163.8
51 52.2 39.0 58.6

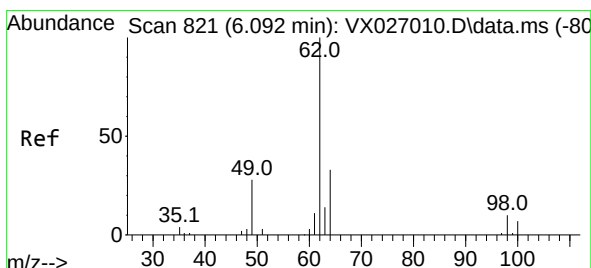
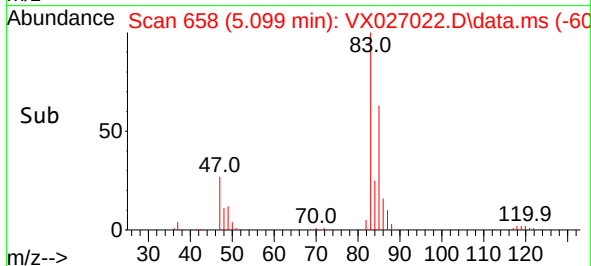
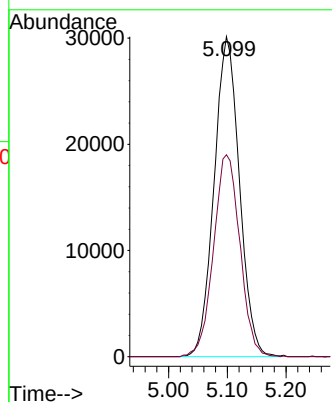
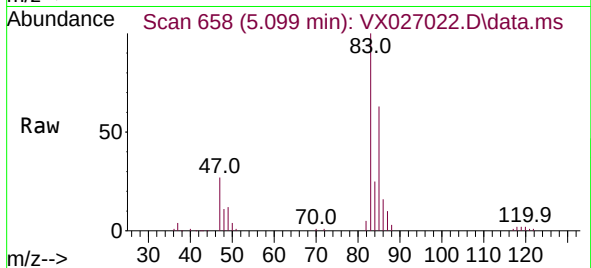




#25
Chloroform
Concen: 49.113 ug/L
RT: 5.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

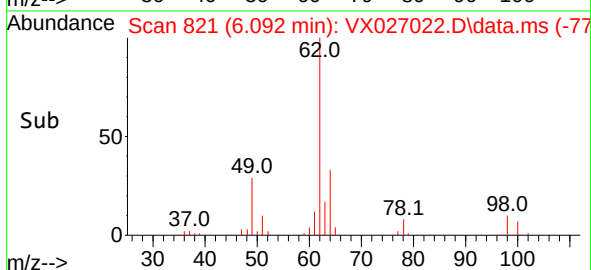
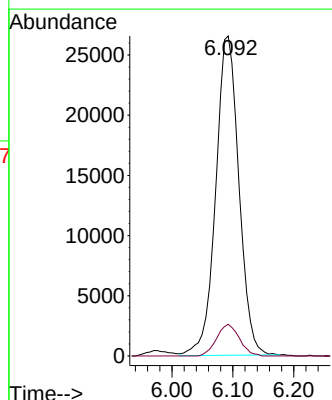
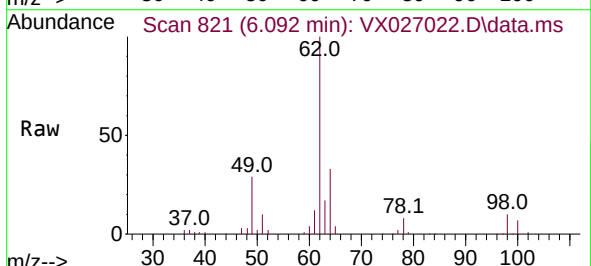
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

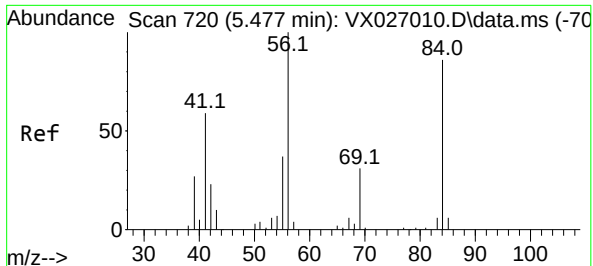
Tgt Ion: 83 Resp: 90383
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.2



#27
1,2-Dichloroethane
Concen: 49.182 ug/L
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion: 62 Resp: 70007
Ion Ratio Lower Upper
62 100
98 9.9 8.2 12.2





#29

Cyclohexane

Concen: 48.832 ug/L

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

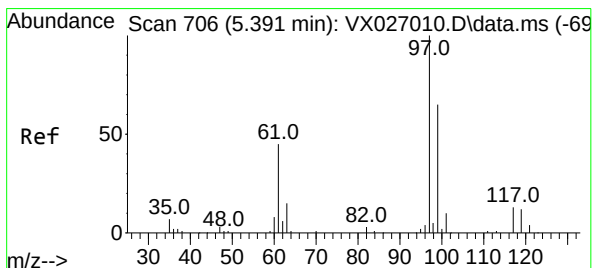
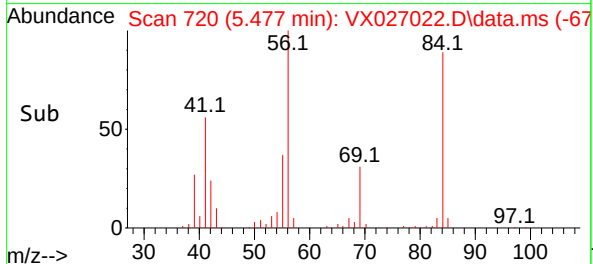
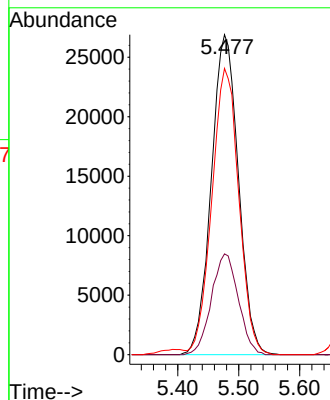
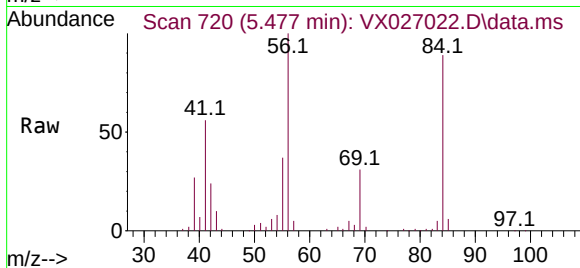
Tgt Ion: 56 Resp: 83097

Ion Ratio Lower Upper

56 100

69 31.2 24.6 36.8

84 88.9 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 47.774 ug/L

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

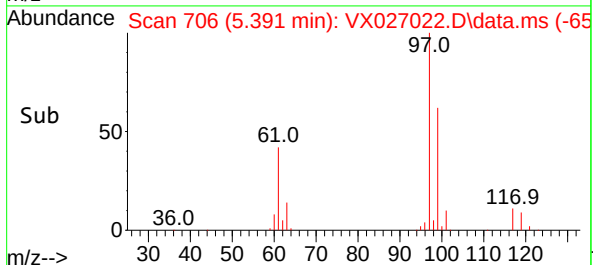
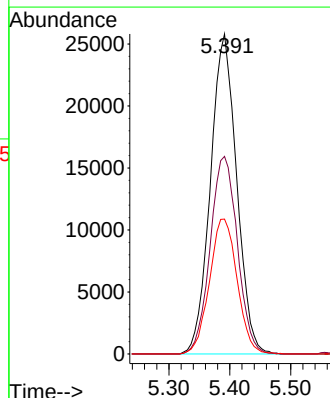
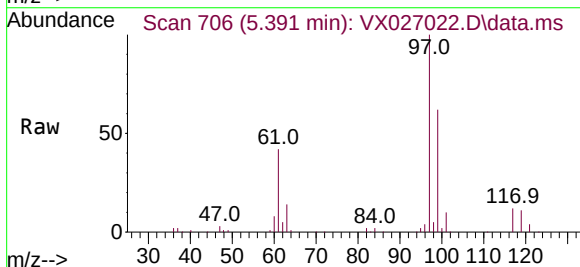
Tgt Ion: 97 Resp: 77162

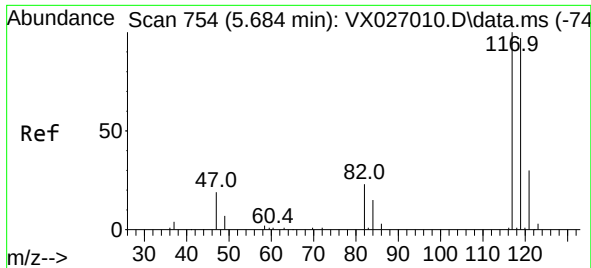
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 44.4 35.2 52.8

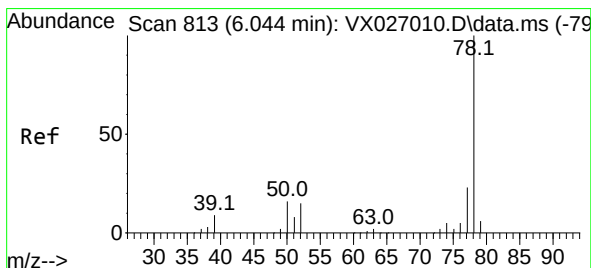
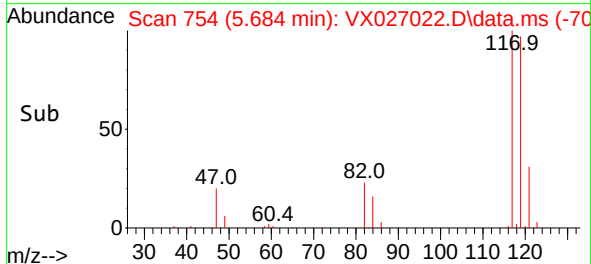
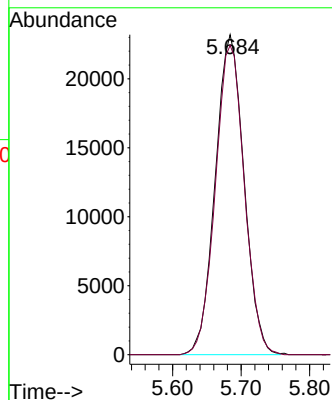
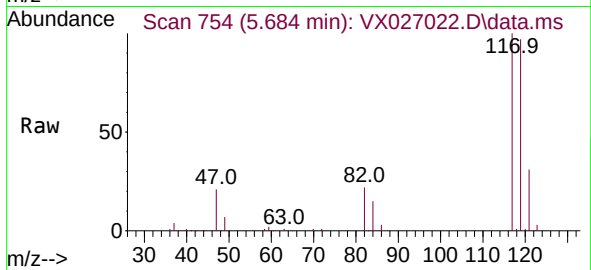




#31
Carbon tetrachloride
Concen: 47.151 ug/L
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

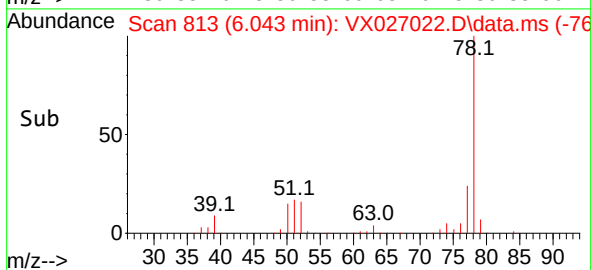
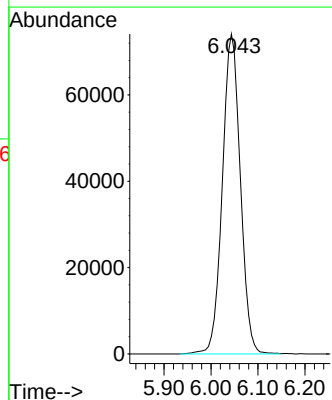
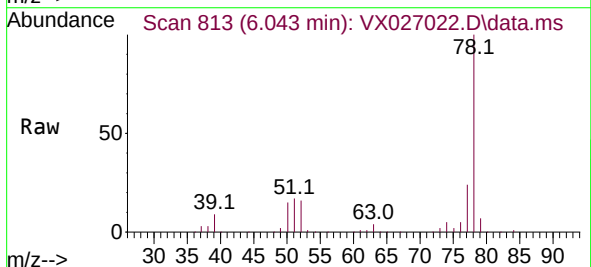
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

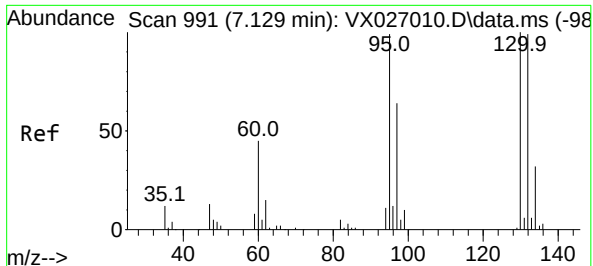
Tgt Ion:117 Resp: 67557
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.8



#33
Benzene
Concen: 49.238 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion: 78 Resp: 197467

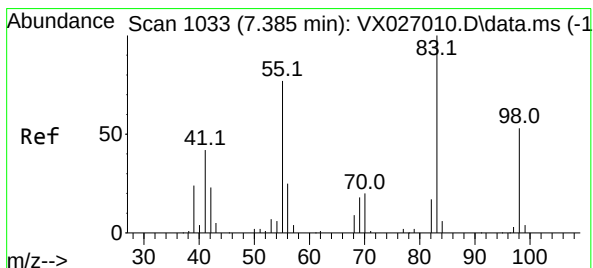
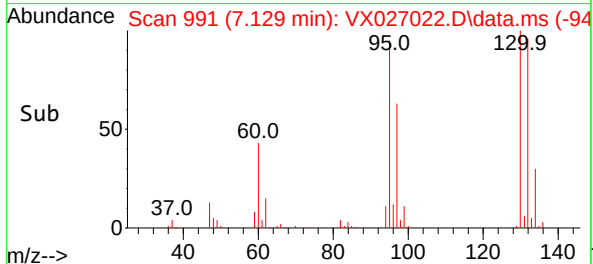
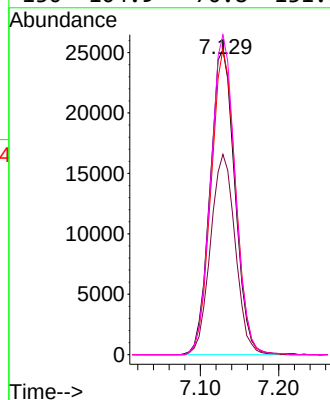
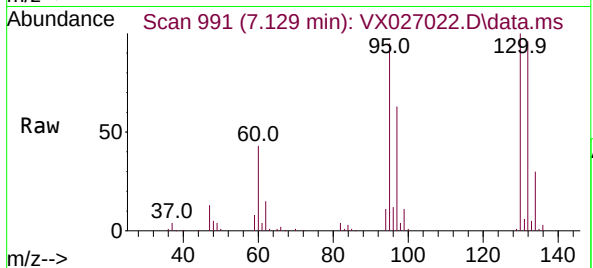




#34
Trichloroethene
Concen: 48.333 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

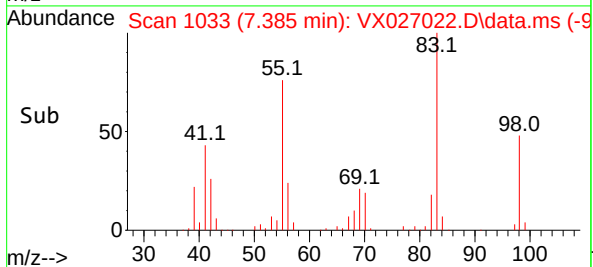
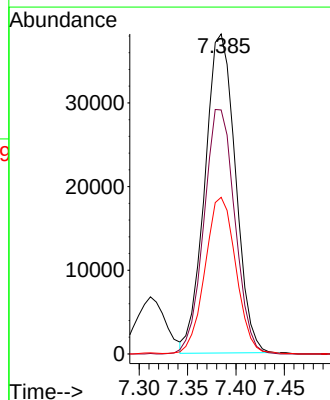
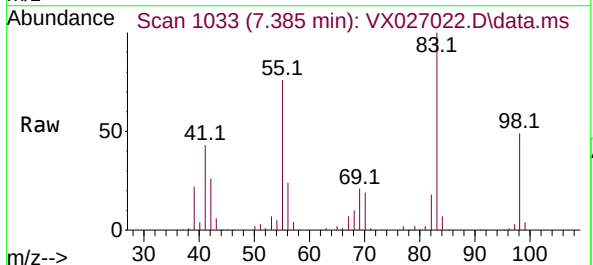
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

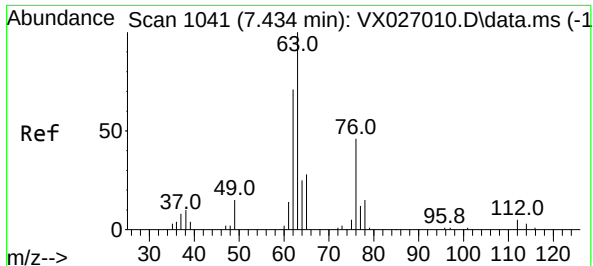
Tgt Ion: 95 Resp: 55447
Ion Ratio Lower Upper
95 100
97 65.7 45.5 84.5
132 100.3 69.9 129.7
130 104.9 70.8 131.6



#35
Methylcyclohexane
Concen: 48.393 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion: 83 Resp: 83897
Ion Ratio Lower Upper
83 100
55 77.5 60.6 90.8
98 49.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 48.680 ug/L

RT: 7.433 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

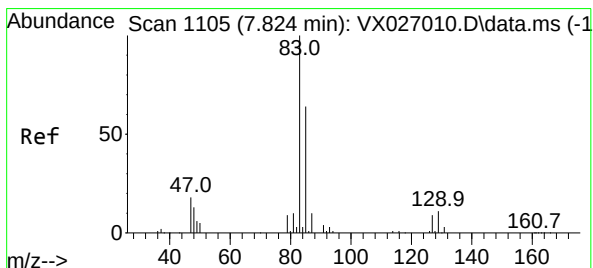
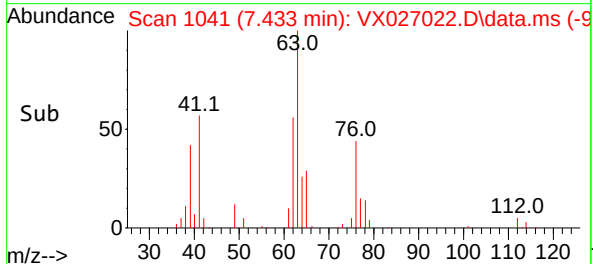
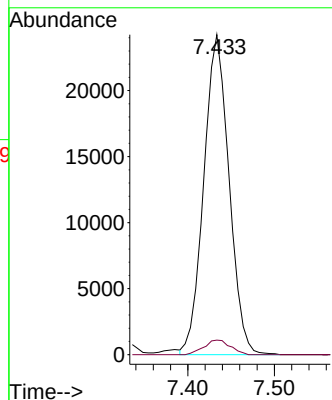
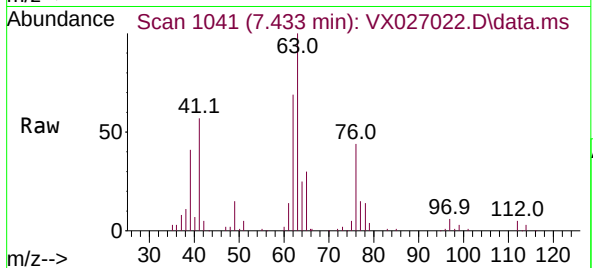
VSTD050751

Tgt Ion: 63 Resp: 49101

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 48.237 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

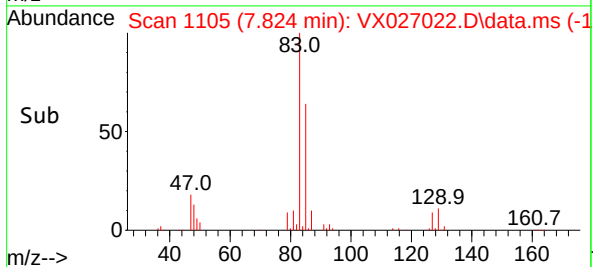
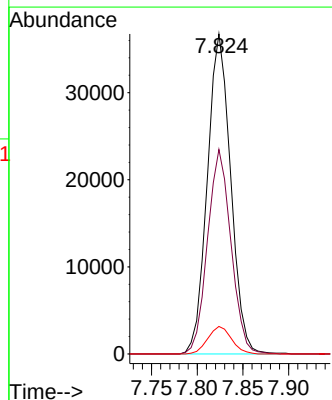
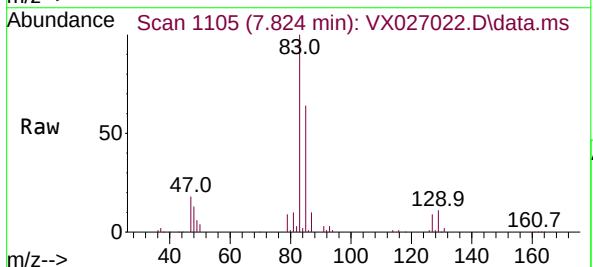
Tgt Ion: 83 Resp: 65309

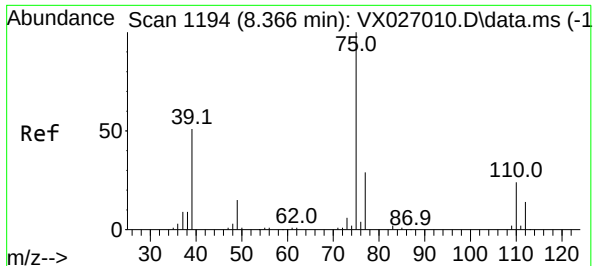
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.726 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

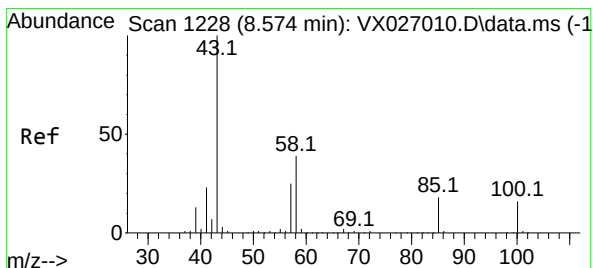
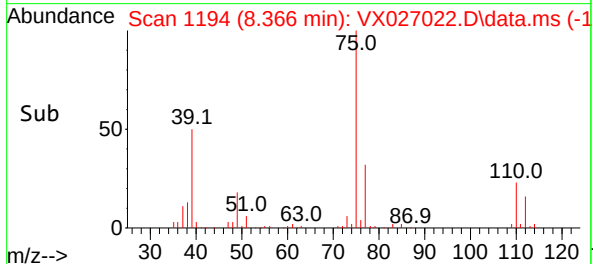
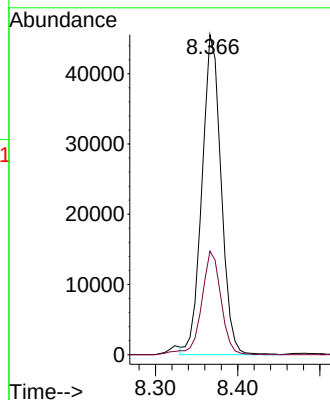
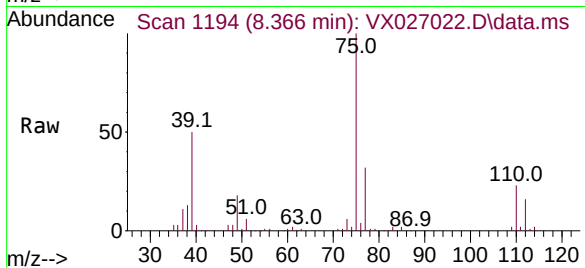
VSTD050751

Tgt Ion: 75 Resp: 73659

Ion Ratio Lower Upper

75 100

77 32.4 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 105.381 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

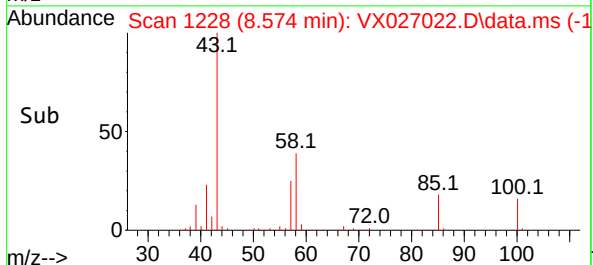
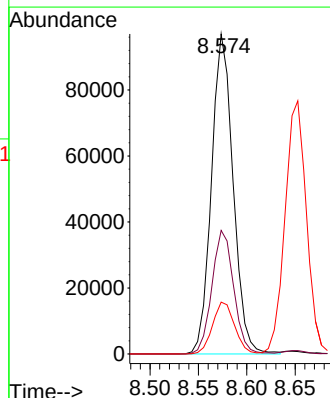
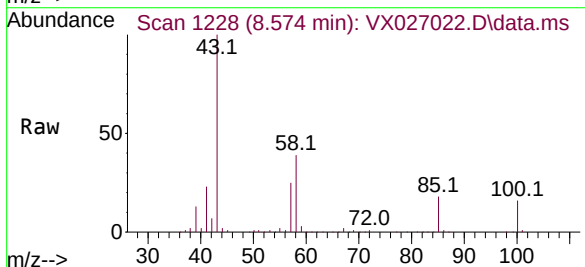
Tgt Ion: 43 Resp: 151092

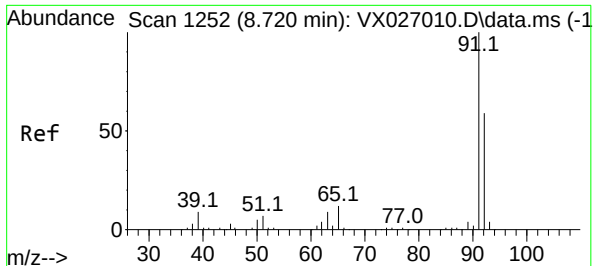
Ion Ratio Lower Upper

43 100

58 38.8 31.0 46.6

100 16.5 13.0 19.4





#42

Toluene

Concen: 48.984 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

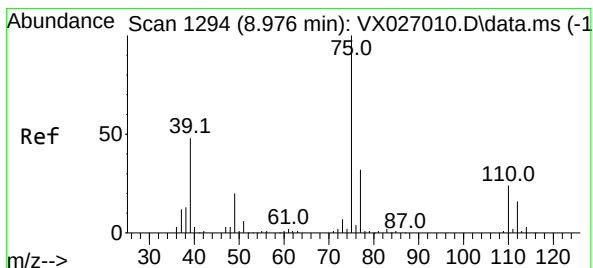
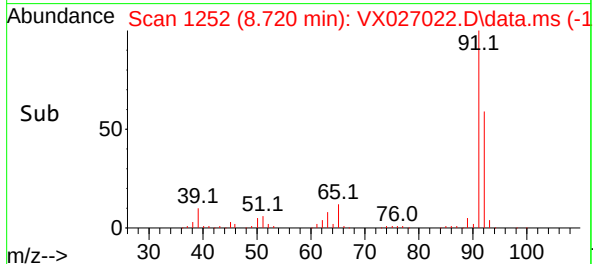
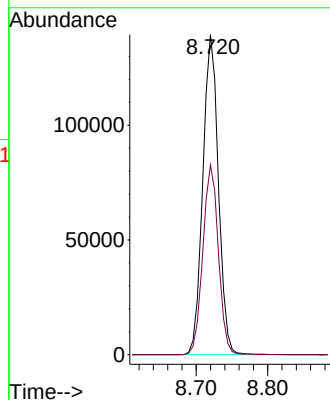
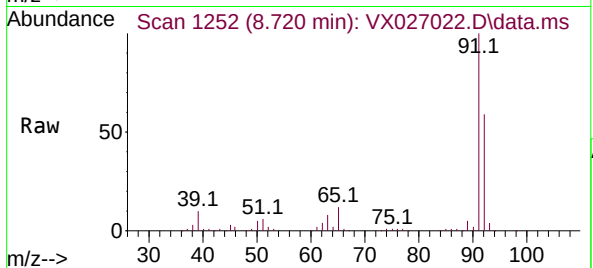
VSTD050751

Tgt Ion: 91 Resp: 210920

Ion Ratio Lower Upper

91 100

92 59.3 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 48.485 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX027022.D

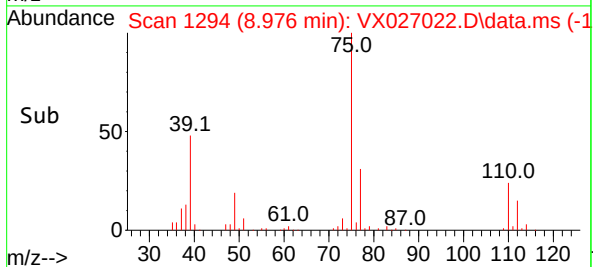
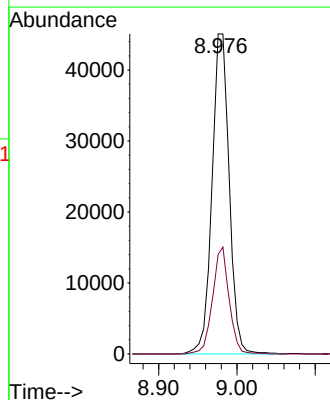
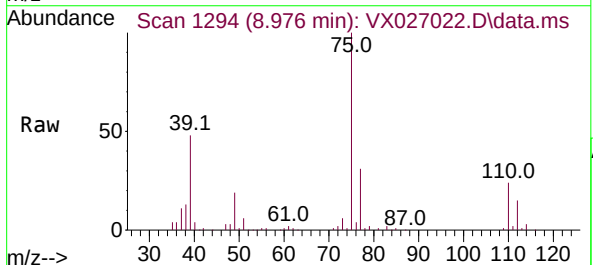
Acq: 14 Feb 2022 18:46

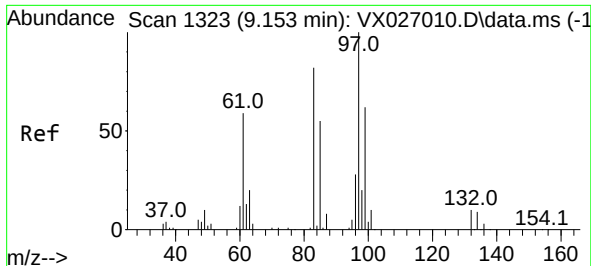
Tgt Ion: 75 Resp: 68884

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 49.183 ug/L

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

Tgt Ion: 97 Resp: 48505

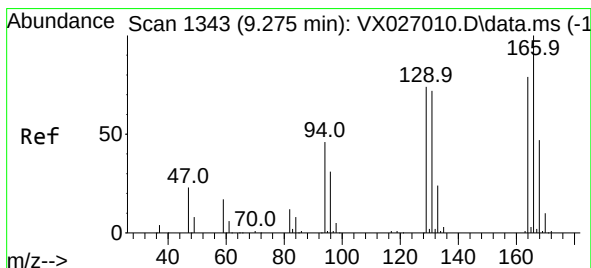
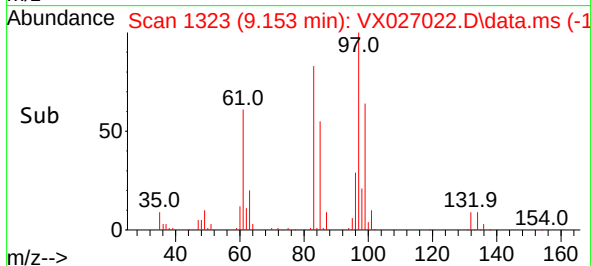
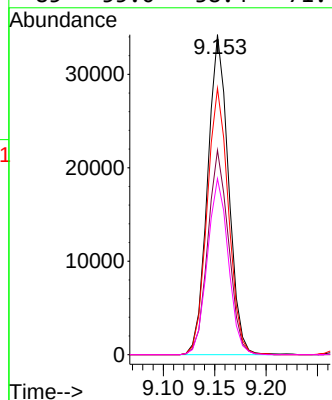
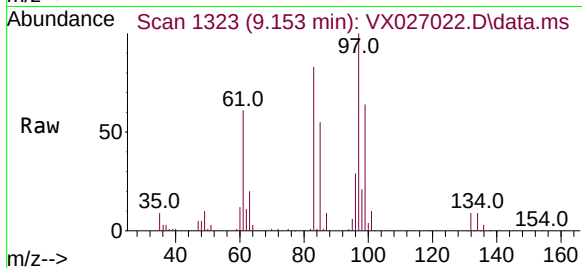
Ion Ratio Lower Upper

97 100

99 63.9 43.3 80.5

83 83.3 57.5 106.9

85 55.0 38.4 71.4



#46

Tetrachloroethene

Concen: 48.465 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Tgt Ion:164 Resp: 41166

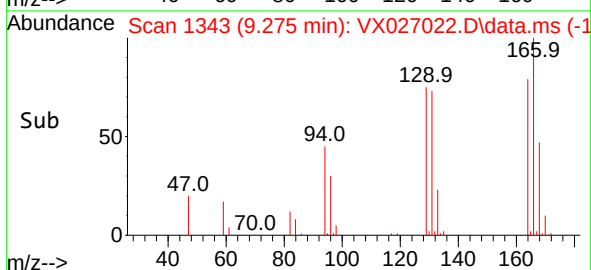
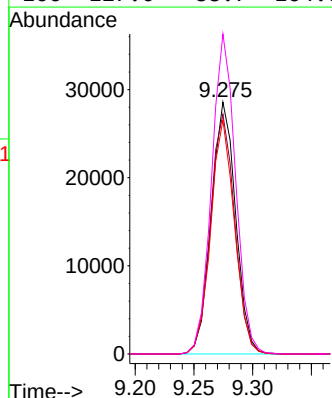
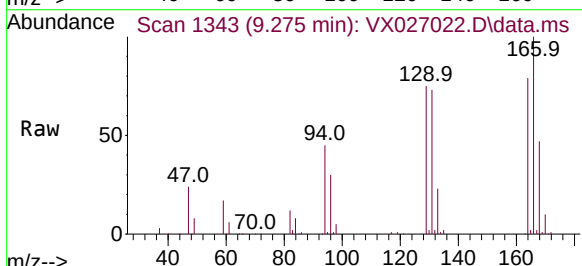
Ion Ratio Lower Upper

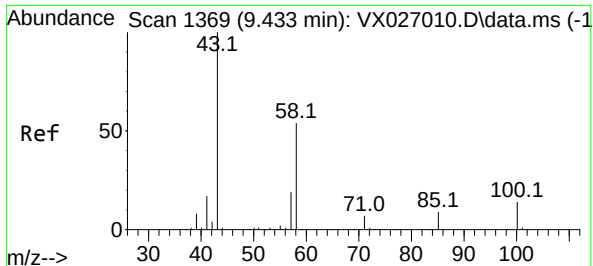
164 100

129 95.2 65.5 121.7

131 92.9 64.3 119.3

166 127.0 88.7 164.7





#48

2-Hexanone

Concen: 103.357 ug/L

RT: 9.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

Tgt Ion: 43 Resp: 119975

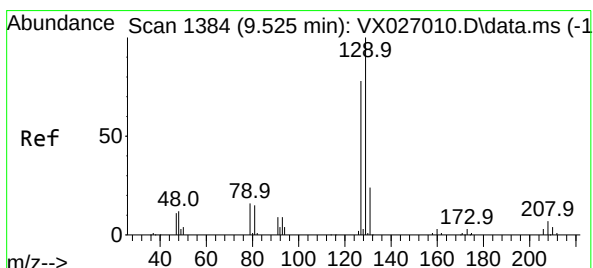
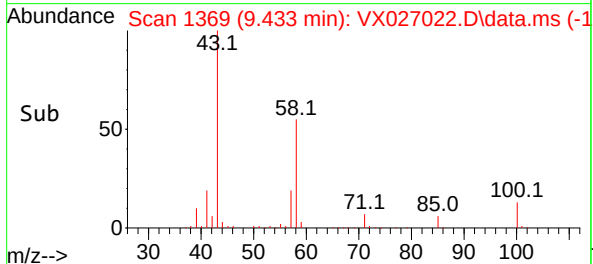
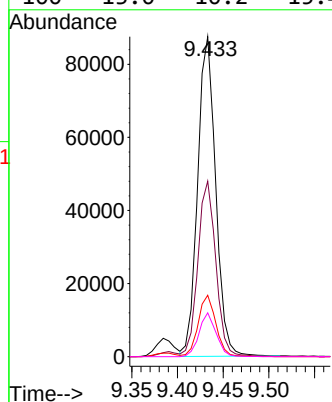
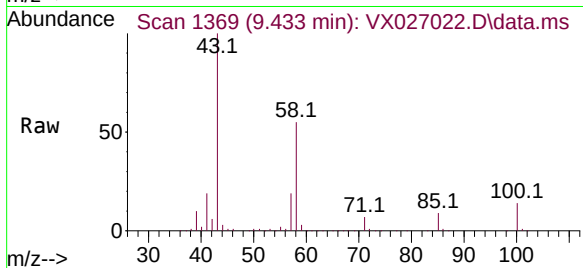
Ion Ratio Lower Upper

43 100

58 54.9 42.9 64.3

57 19.0 15.3 22.9

100 13.0 10.2 15.4



#49

Dibromochloromethane

Concen: 47.950 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX027022.D

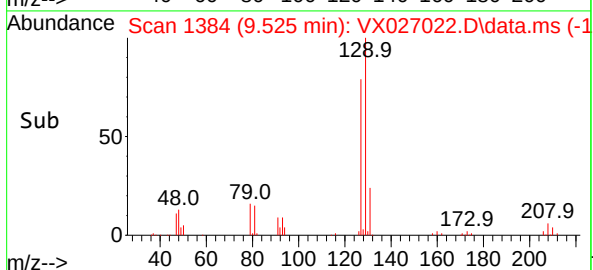
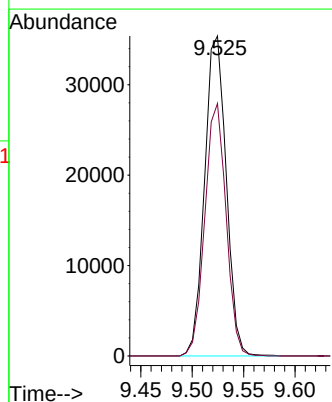
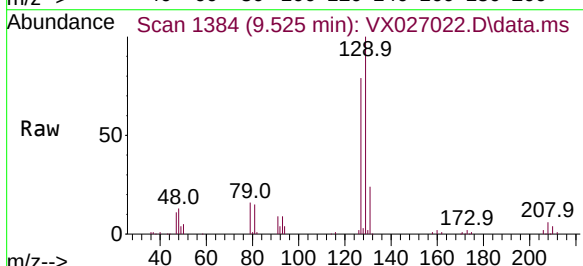
Acq: 14 Feb 2022 18:46

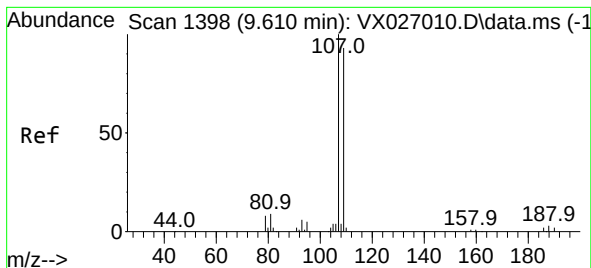
Tgt Ion: 129 Resp: 51861

Ion Ratio Lower Upper

129 100

127 78.9 54.3 100.9





#50

1,2-Dibromoethane

Concen: 49.235 ug/L

RT: 9.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

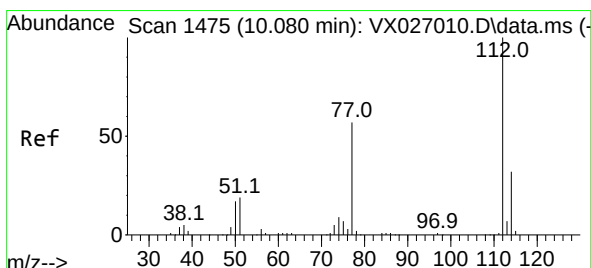
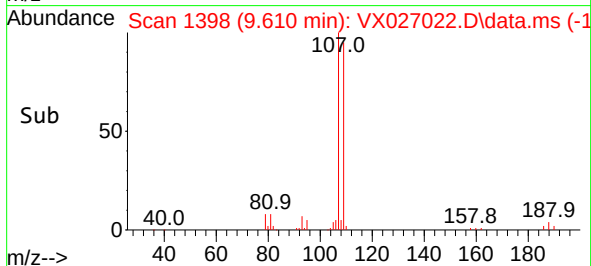
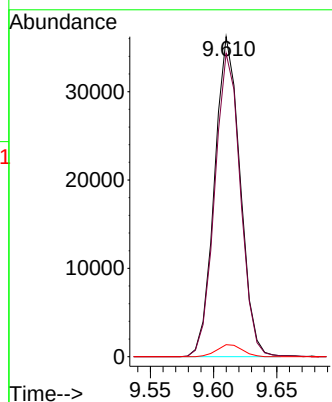
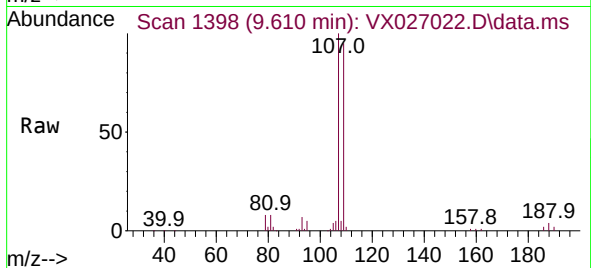
Tgt Ion:107 Resp: 50975

Ion Ratio Lower Upper

107 100

109 94.8 64.9 120.5

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 48.846 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

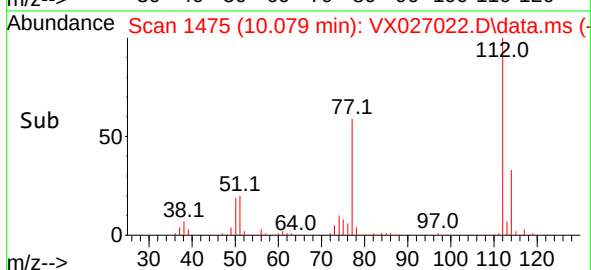
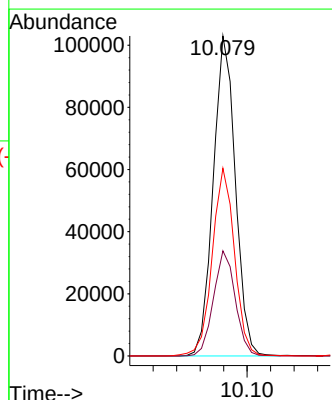
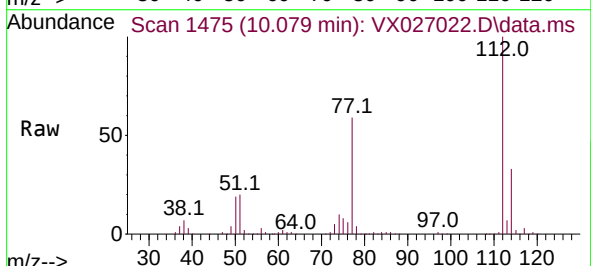
Tgt Ion:112 Resp: 134682

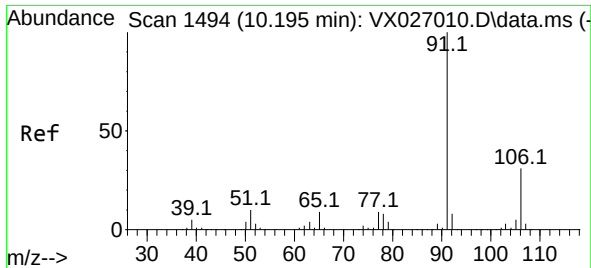
Ion Ratio Lower Upper

112 100

114 32.8 22.2 41.2

77 58.7 45.9 68.9





#52

Ethylbenzene

Concen: 49.795 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

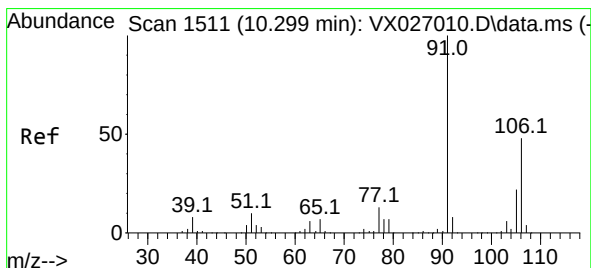
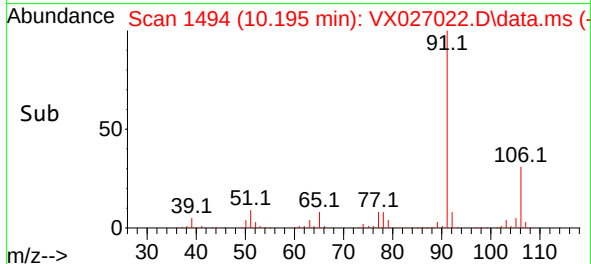
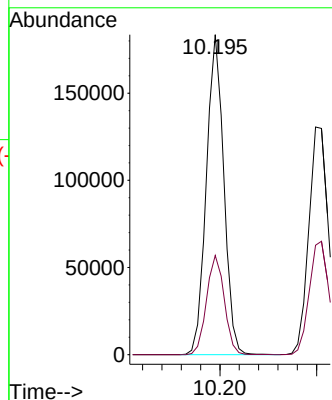
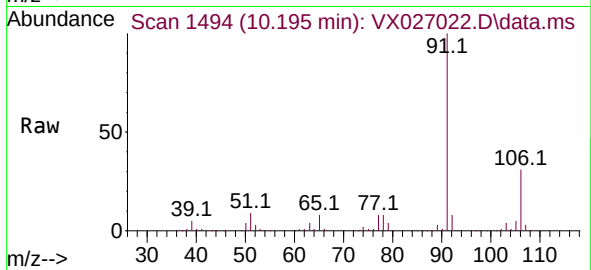
VSTD050751

Tgt Ion: 91 Resp: 230638

Ion Ratio Lower Upper

91 100

106 31.0 21.7 40.3



#53

m,p-Xylene

Concen: 49.707 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX027022.D

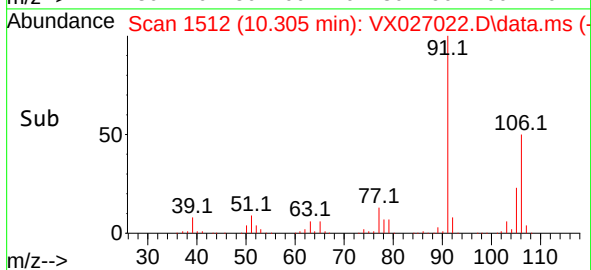
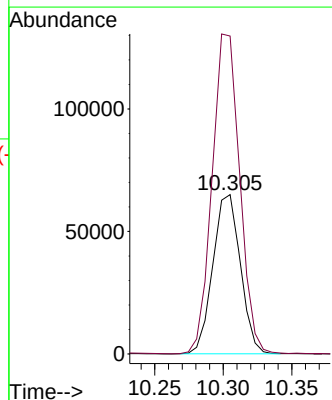
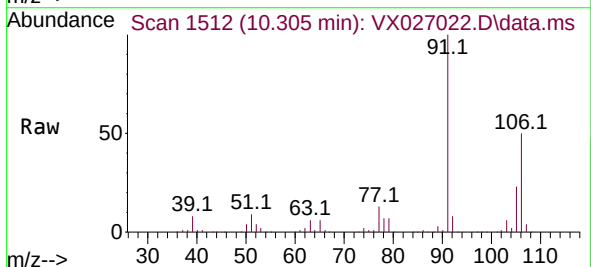
Acq: 14 Feb 2022 18:46

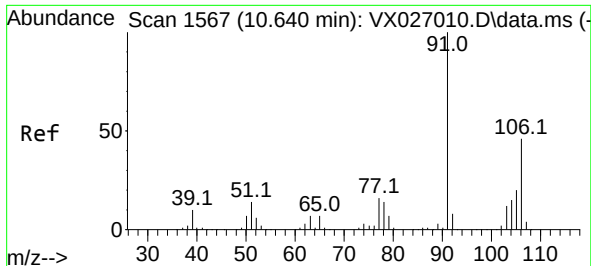
Tgt Ion:106 Resp: 90766

Ion Ratio Lower Upper

106 100

91 199.5 145.7 270.5

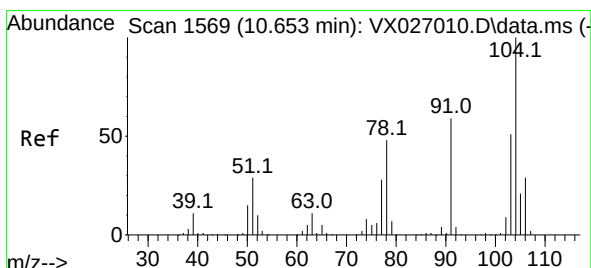
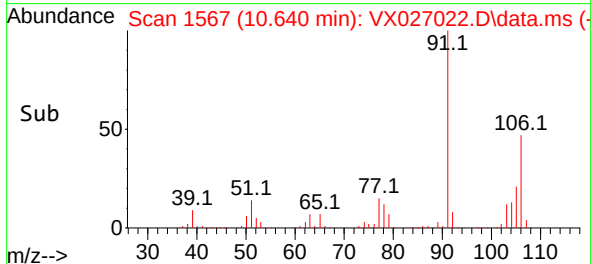
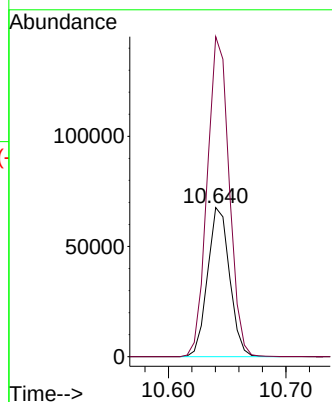
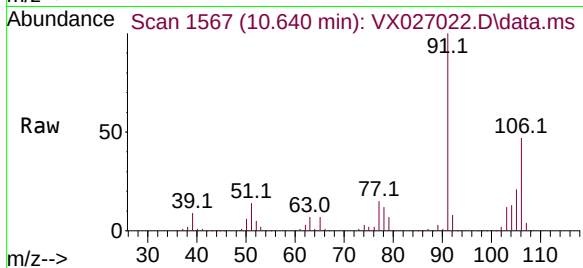




#54
o-Xylene
Concen: 50.443 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

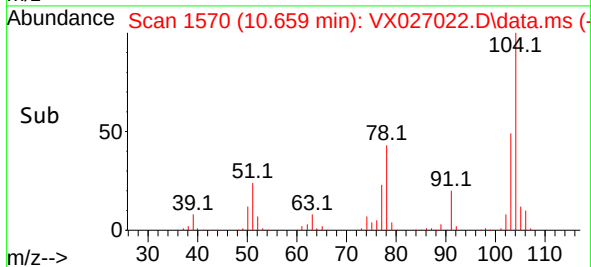
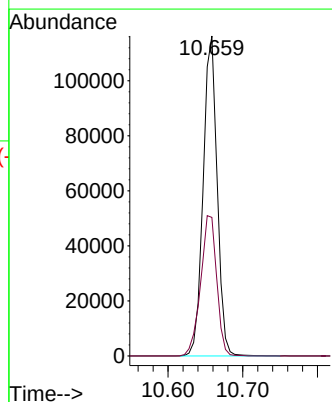
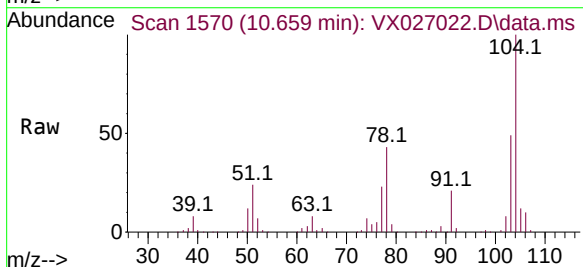
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

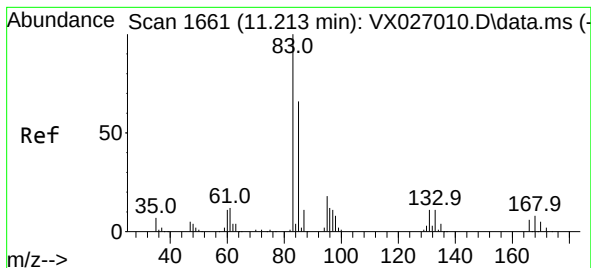
Tgt Ion:106 Resp: 88112
Ion Ratio Lower Upper
106 100
91 214.6 151.2 280.8



#55
Styrene
Concen: 51.097 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion:104 Resp: 151157
Ion Ratio Lower Upper
104 100
78 43.3 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 51.081 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

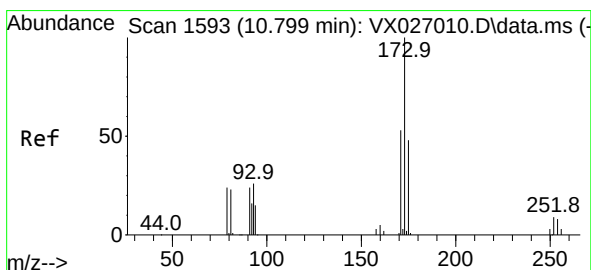
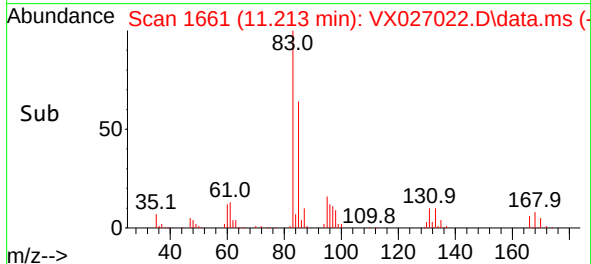
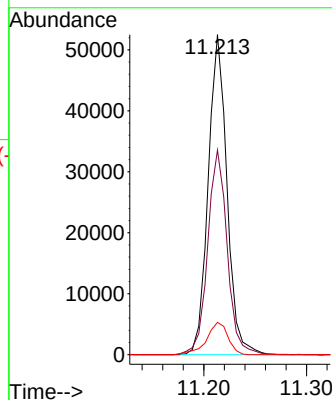
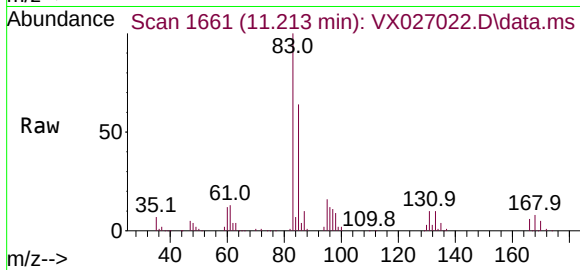
Tgt Ion: 83 Resp: 66707

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.2

131 10.1 8.5 12.7



#59

Bromoform

Concen: 47.128 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

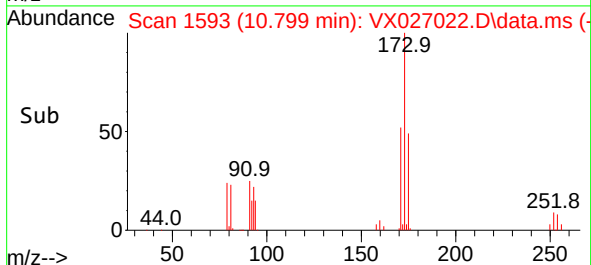
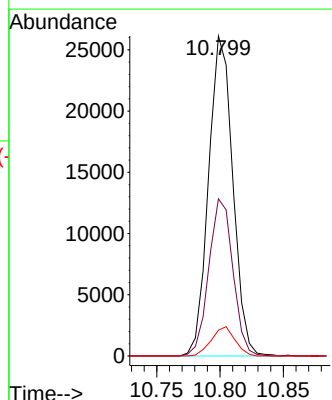
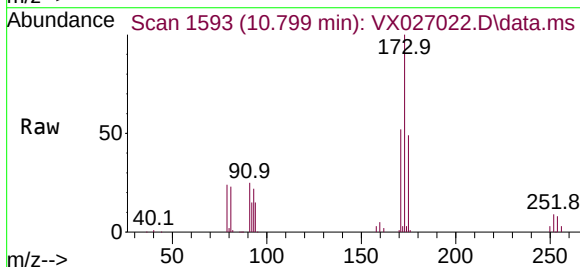
Tgt Ion:173 Resp: 34793

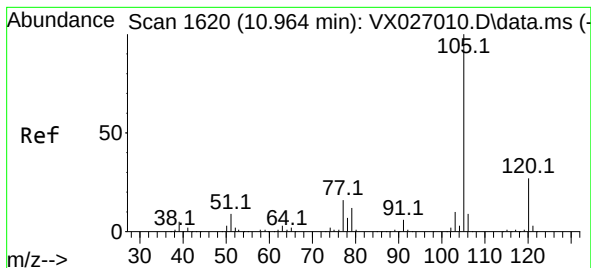
Ion Ratio Lower Upper

173 100

175 48.9 38.9 58.3

254 8.9 7.0 10.6





#60

Isopropylbenzene

Concen: 49.958 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

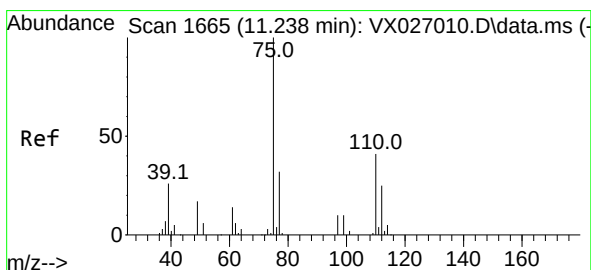
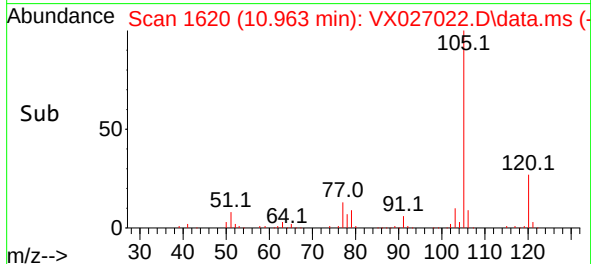
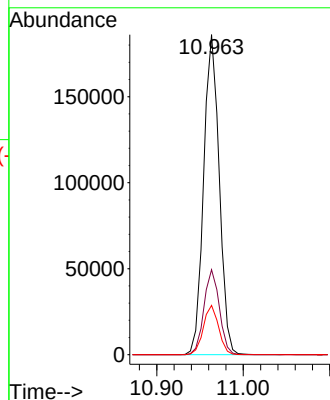
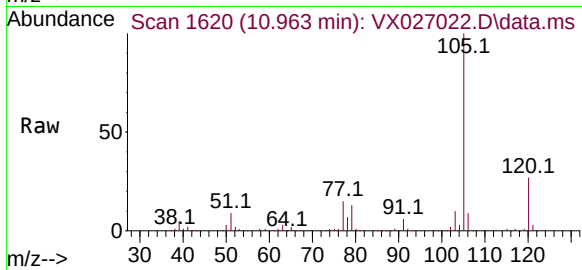
Tgt Ion:105 Resp: 232229

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 15.1 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 50.106 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

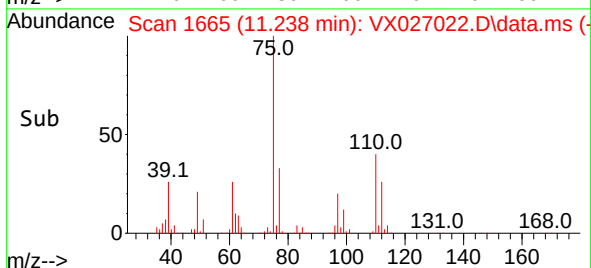
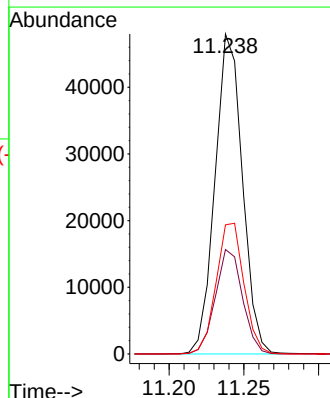
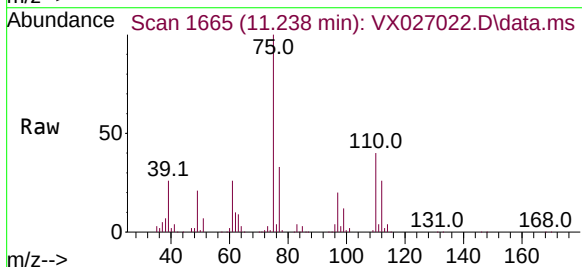
Tgt Ion: 75 Resp: 61146

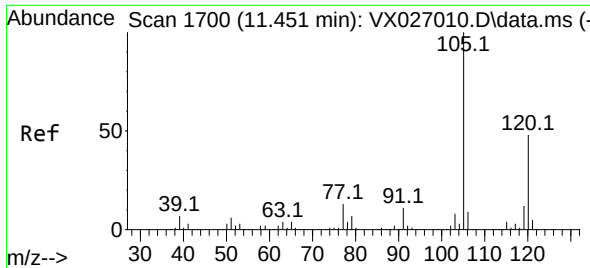
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6

110 41.5 33.4 50.0

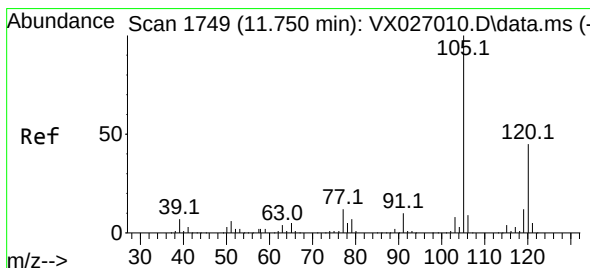
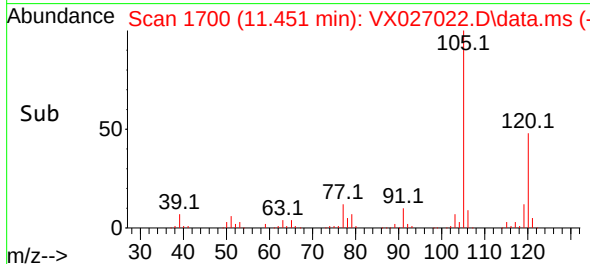
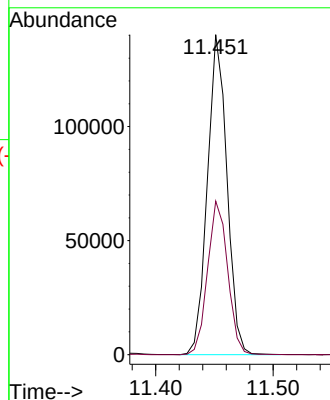
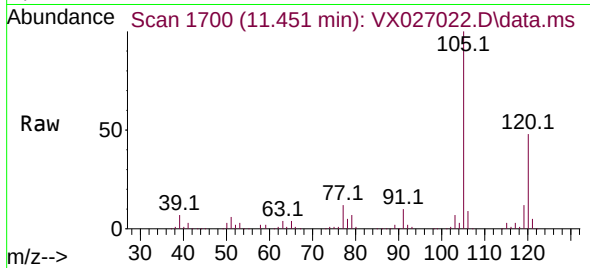




#62
1,3,5-Trimethylbenzene
Concen: 50.586 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

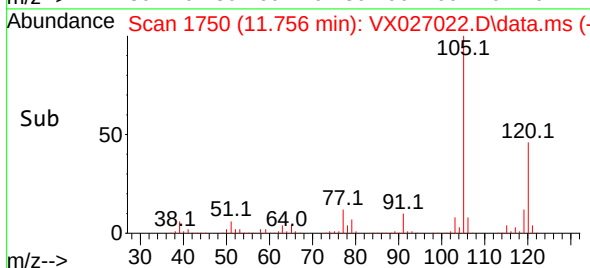
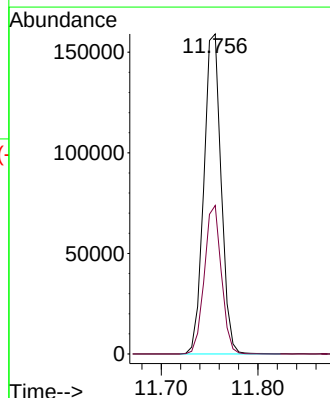
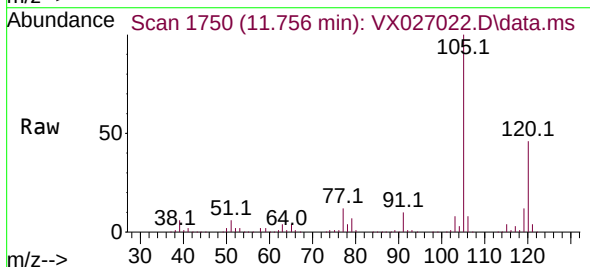
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

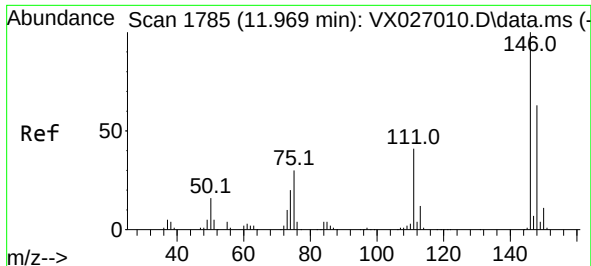
Tgt Ion:105 Resp: 162191
Ion Ratio Lower Upper
105 100
120 49.3 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 50.920 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion:105 Resp: 198278
Ion Ratio Lower Upper
105 100
120 45.8 36.1 54.1

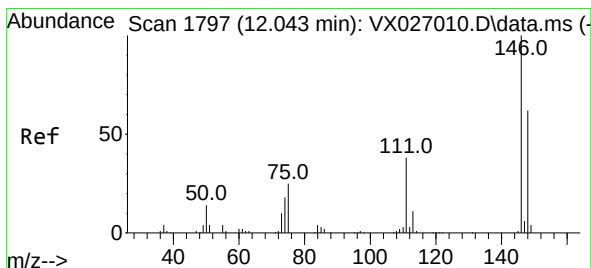
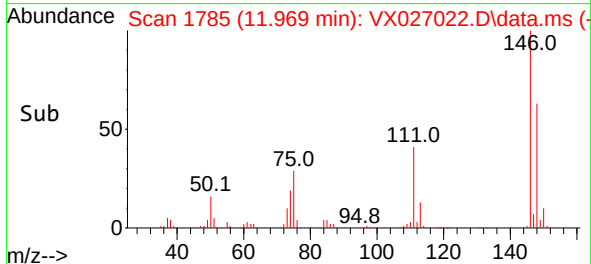
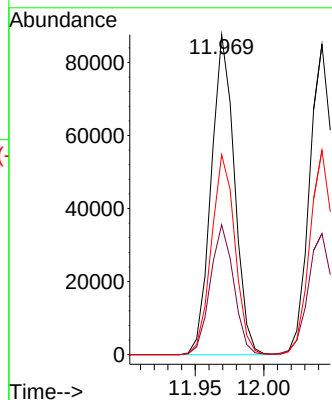
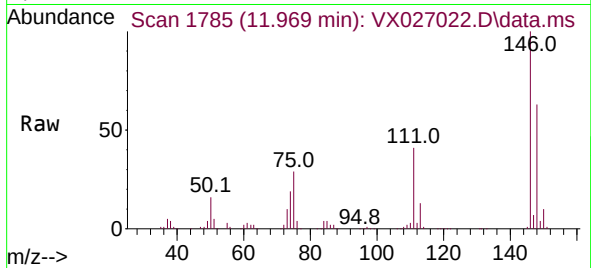




#64
1,3-Dichlorobenzene
Concen: 49.966 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

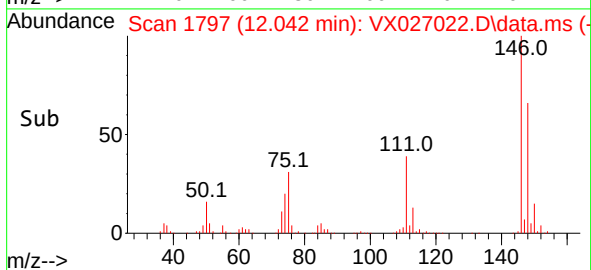
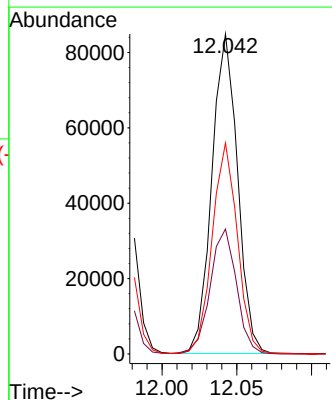
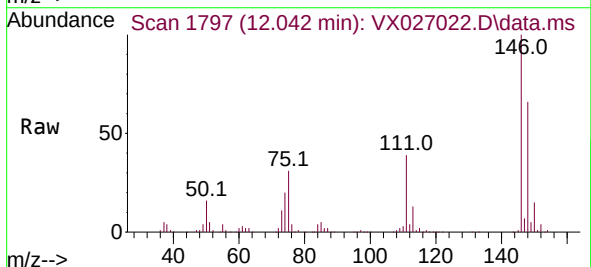
Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

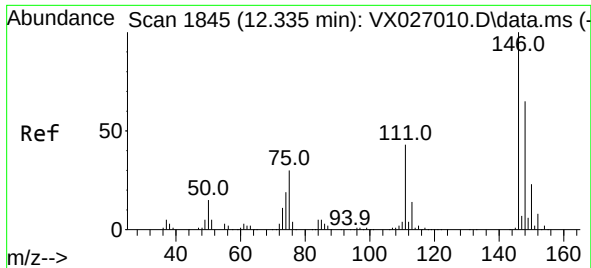
Tgt Ion:146 Resp: 103321
Ion Ratio Lower Upper
146 100
111 40.6 28.3 52.7
148 62.5 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 48.659 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion:146 Resp: 101252
Ion Ratio Lower Upper
146 100
111 39.1 26.5 49.3
148 65.9 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 49.567 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

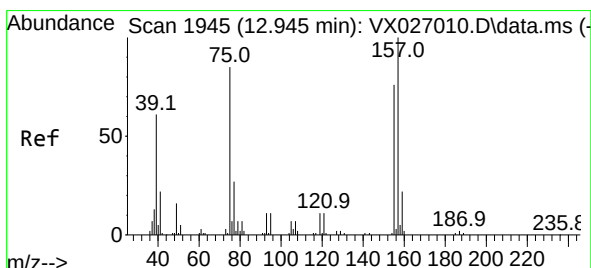
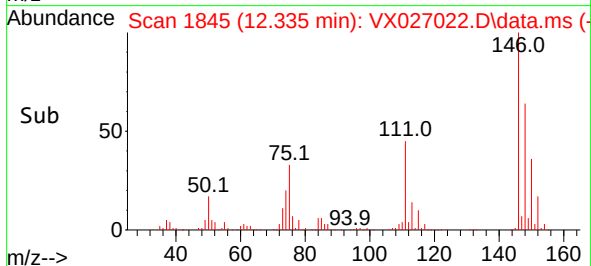
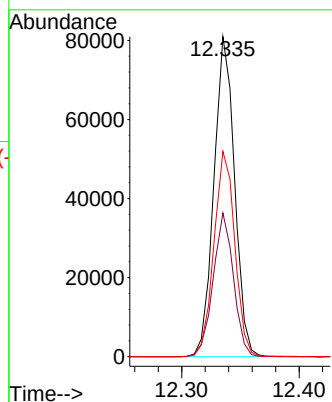
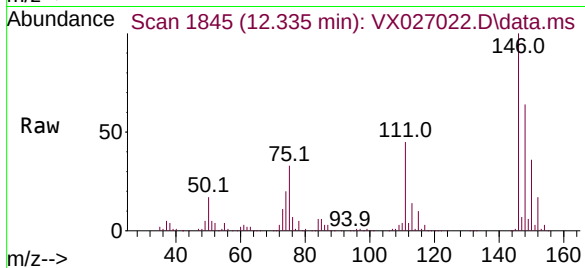
Tgt Ion:146 Resp: 99095

Ion Ratio Lower Upper

146 100

111 44.9 34.5 51.7

148 64.2 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 49.157 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

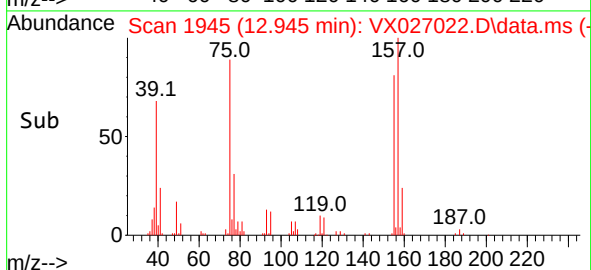
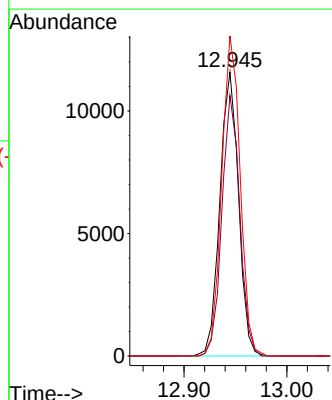
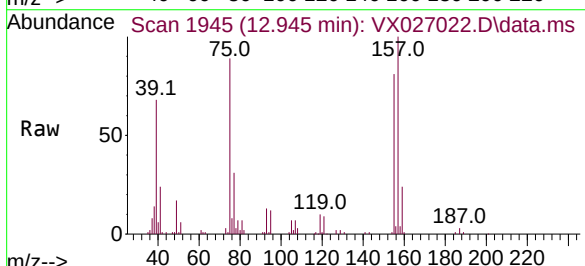
Tgt Ion: 75 Resp: 14567

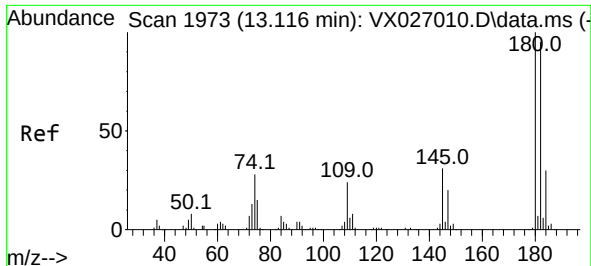
Ion Ratio Lower Upper

75 100

155 91.8 71.6 107.4

157 112.7 93.8 140.6





#69

1,3,5-Trichlorobenzene

Concen: 48.572 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTD050751

Tgt Ion:180 Resp: 69020

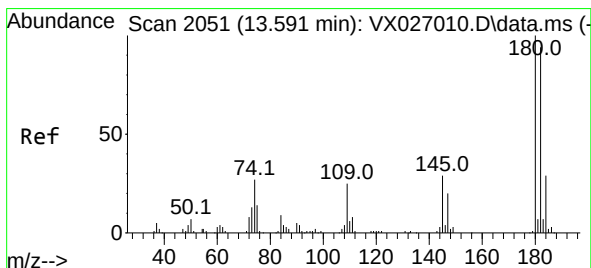
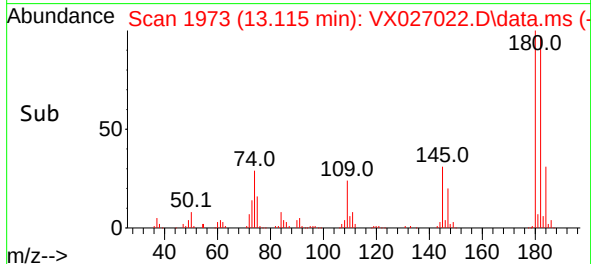
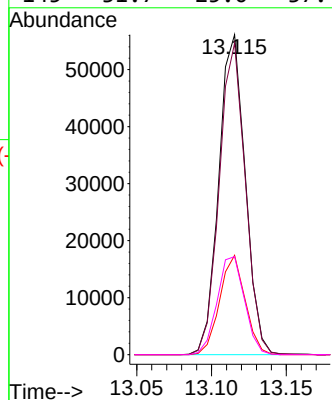
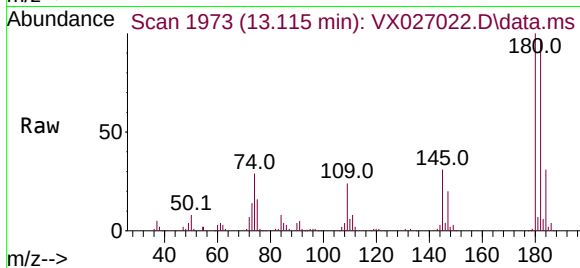
Ion Ratio Lower Upper

180 100

182 96.0 75.6 113.4

184 29.9 23.6 35.4

145 31.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 49.380 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX027022.D

Acq: 14 Feb 2022 18:46

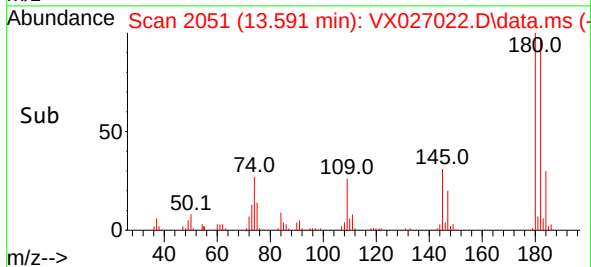
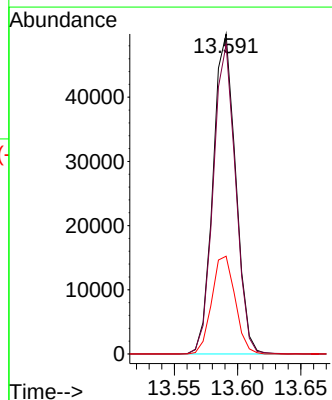
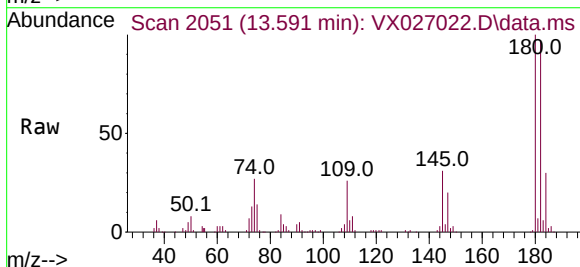
Tgt Ion:180 Resp: 61949

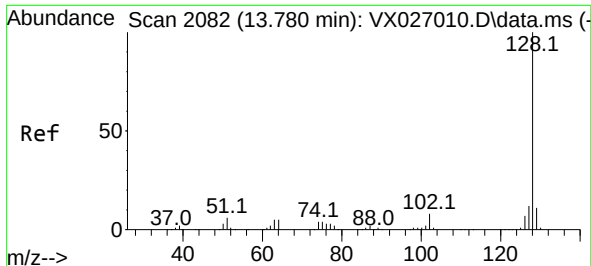
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 31.6 25.0 37.4



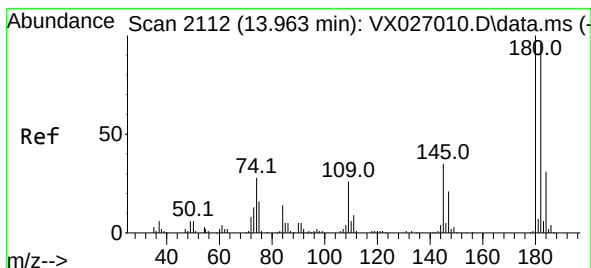
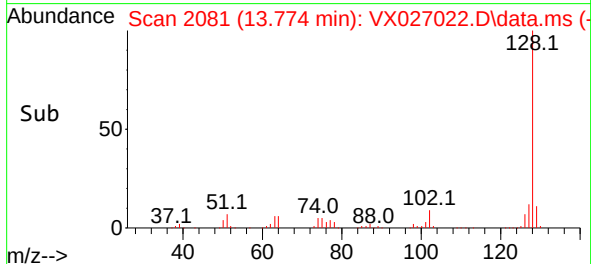
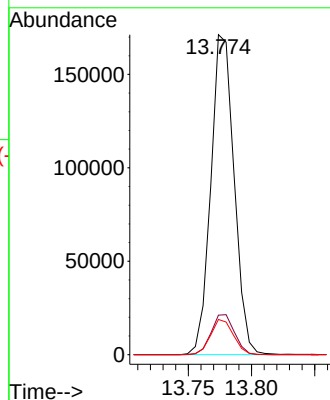
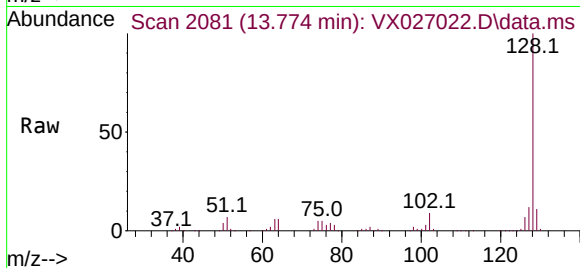


#71
Naphthalene
Concen: 52.528 ug/L
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTD050751

Tgt Ion:128 Resp: 219419

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.121 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX027022.D
Acq: 14 Feb 2022 18:46

Tgt Ion:180 Resp: 61616

Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.0	115.4
145	34.2	27.4	41.0

