

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025107.D
 Acq On : 08 Nov 2021 19:50
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050701

Quant Time: Nov 09 04:21:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	159248	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	147204	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	67919	47.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.340%
7) Chloroethane-d5	1.666	69	53218	58.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.900%
11) 1,1-Dichloroethene-d2	2.306	63	132743	47.859	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
21) 2-Butanone-d5	4.459	46	109129	110.272	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.270%
24) Chloroform-d	5.068	84	135753	47.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
26) 1,2-Dichloroethane-d4	5.964	65	96253	51.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.940%
32) Benzene-d6	5.983	84	220501	42.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.140%
36) 1,2-Dichloropropane-d6	7.312	67	72873	47.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.380%
41) Toluene-d8	8.653	98	210205	47.710	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
43) trans-1,3-Dichloroprop...	8.952	79	42034	50.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.980%
47) 2-Hexanone-d5	9.458	63	222	0.337	ug/L	0.07
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.340%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	103941	48.621	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.240%
66) 1,2-Dichlorobenzene-d4	12.323	152	67936	50.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75877	46.123	ug/L	99
3) Chloromethane	1.288	50	65227	56.418	ug/L	89
5) Vinyl chloride	1.374	62	71047	51.782	ug/L	97
6) Bromomethane	1.611	94	57297	65.483	ug/L	97
8) Chloroethane	1.685	64	42703	53.397	ug/L	99
9) Trichlorofluoromethane	1.886	101	118865	46.910	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	57577	44.540	ug/L #	83
12) 1,1-Dichloroethene	2.319	96	49416	43.467	ug/L #	66
13) Acetone	2.386	43	78326	80.435	ug/L	88
14) Carbon disulfide	2.514	76	124348	42.129	ug/L	100
15) Methyl Acetate	2.709	43	72098	53.547	ug/L #	78
16) Methylene chloride	2.794	84	56957	44.557	ug/L #	74
17) trans-1,2-Dichloroethene	3.099	96	49055	42.506	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	210427	47.016	ug/L #	86
19) 1,1-Dichloroethane	3.611	63	113490	47.094	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	58207	43.550	ug/L #	67
22) 2-Butanone	4.562	43	107476	92.928	ug/L	80
23) Bromochloromethane	4.910	128	26487	42.088	ug/L #	50
25) Chloroform	5.105	83	123751	46.523	ug/L	93

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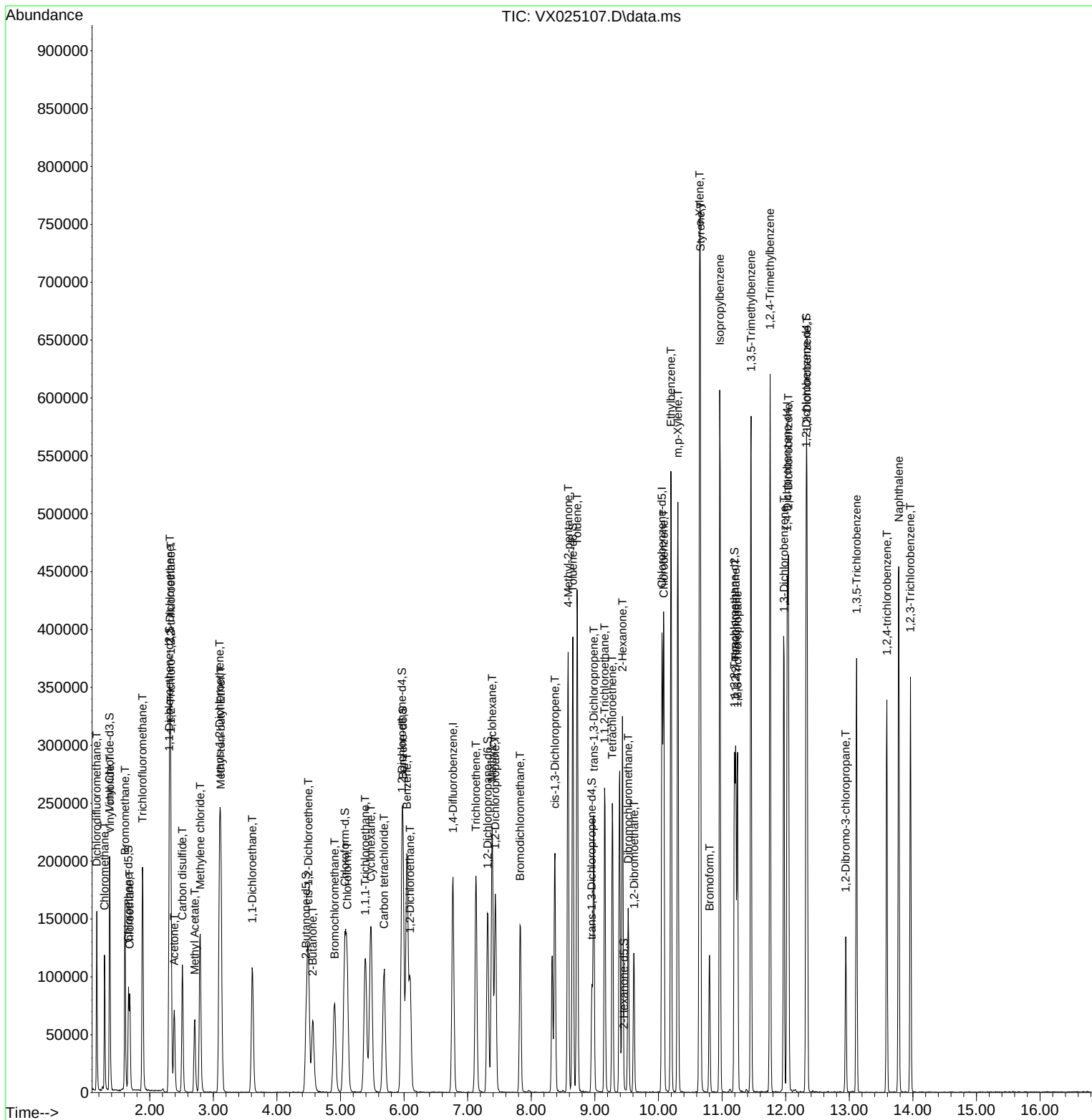
Instrument :
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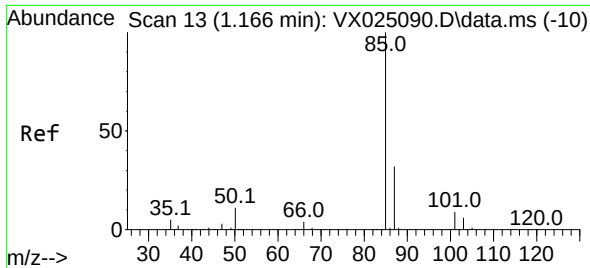
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	110588	53.826	ug/L	99
29) Cyclohexane	5.477	56	97532	43.289	ug/L #	71
30) 1,1,1-Trichloroethane	5.385	97	113522	42.570	ug/L #	88
31) Carbon tetrachloride	5.684	117	89815	41.994	ug/L	98
33) Benzene	6.044	78	233043	42.073	ug/L	100
34) Trichloroethene	7.129	95	68782	48.750	ug/L	96
35) Methylcyclohexane	7.385	83	97441	46.431	ug/L #	86
37) 1,2-Dichloropropane	7.434	63	63293	49.206	ug/L #	97
38) Bromodichloromethane	7.824	83	93495	48.589	ug/L #	90
39) cis-1,3-Dichloropropene	8.372	75	101155	48.723	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	224126	111.823	ug/L #	76
42) Toluene	8.720	91	261455	49.583	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	106244	51.040	ug/L	94
45) 1,1,2-Trichloroethane	9.153	97	58921	49.664	ug/L	92
46) Tetrachloroethene	9.275	164	36980	47.332	ug/L	95
48) 2-Hexanone	9.433	43	171568	104.021	ug/L #	79
49) Dibromochloromethane	9.525	129	61012	48.471	ug/L	99
50) 1,2-Dibromoethane	9.616	107	63447	50.098	ug/L	95
51) Chlorobenzene	10.086	112	150196	48.628	ug/L	91
52) Ethylbenzene	10.195	91	297186	52.420	ug/L	95
53) m,p-Xylene	10.305	106	100314	48.645	ug/L	90
54) o-Xylene	10.646	106	100463	51.481	ug/L	87
55) Styrene	10.659	104	173336	51.021	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	103170	48.618	ug/L #	93
59) Bromoform	10.805	173	37227	45.804	ug/L #	96
60) Isopropylbenzene	10.963	105	283226	49.133	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	89441	53.334	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.457	105	243759	51.057	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	251713	53.759	ug/L	100
64) 1,3-Dichlorobenzene	11.975	146	104404	50.021	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	106007	49.957	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	106588	49.487	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	26414	50.719	ug/L	93
69) 1,3,5-Trichlorobenzene	13.116	180	69100	46.176	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	61600	48.064	ug/L	98
71) Naphthalene	13.780	128	253664	55.007	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	62501	49.709	ug/L	98

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

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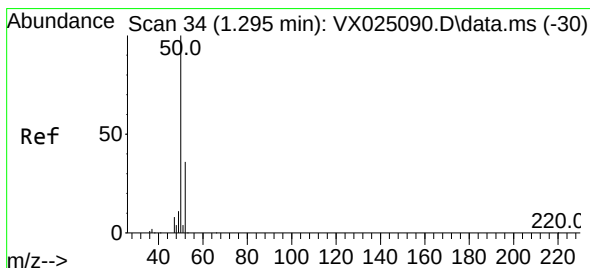
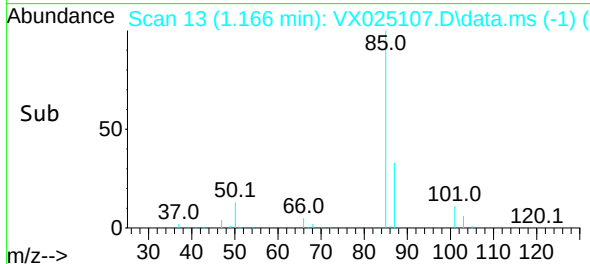
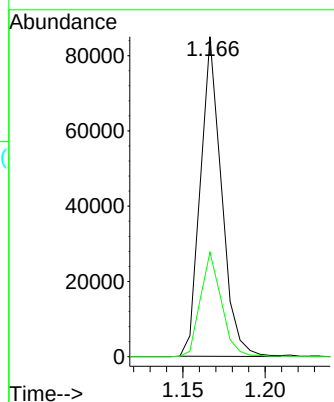
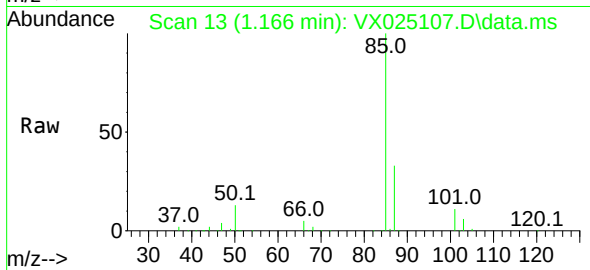




#2
 Dichlorodifluoromethane
 Concen: 46.123 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025107.D
 Acq: 08 Nov 2021 19:50

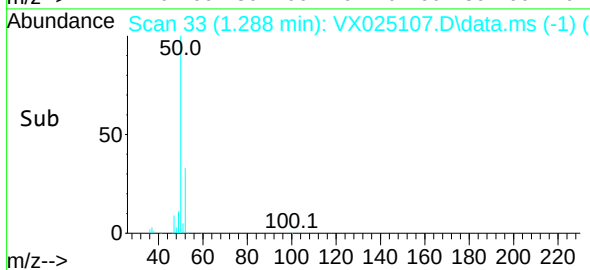
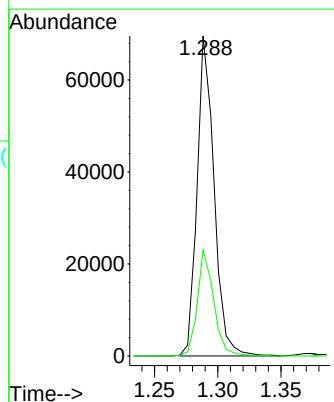
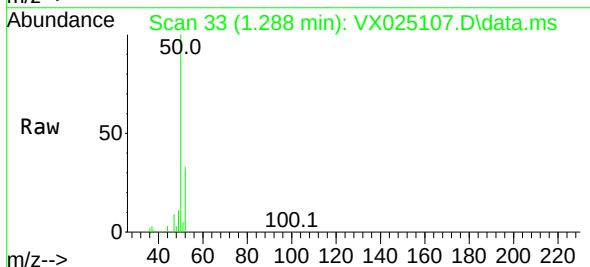
Instrument :
 MSVOA_X
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 VSTD050701

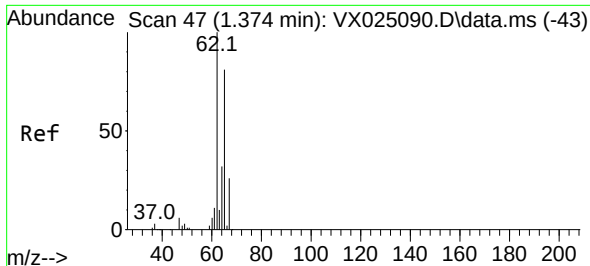
Tgt Ion: 85 Resp: 75877
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.3 37.9



#3
 Chloromethane
 Concen: 56.418 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX025107.D
 Acq: 08 Nov 2021 19:50

Tgt Ion: 50 Resp: 65227
 Ion Ratio Lower Upper
 50 100
 52 33.2 28.0 52.0

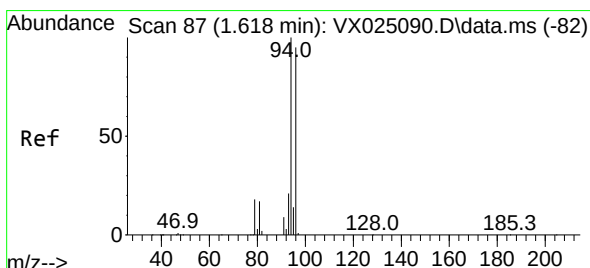
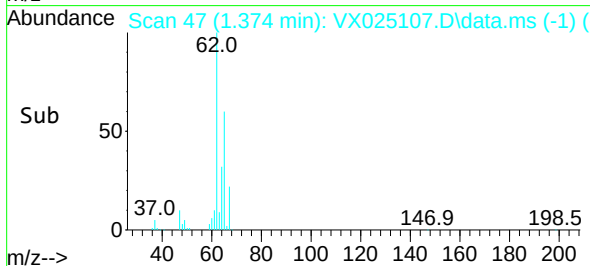
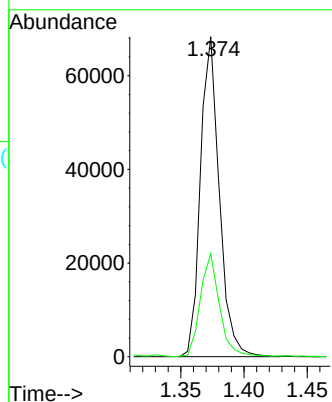
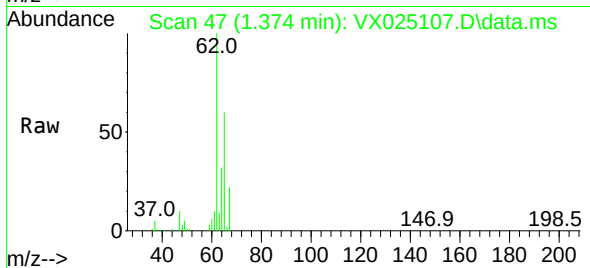




#5
 Vinyl chloride
 Concen: 51.782 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025107.D
 Acq: 08 Nov 2021 19:50

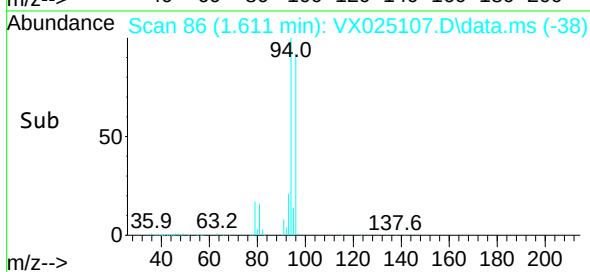
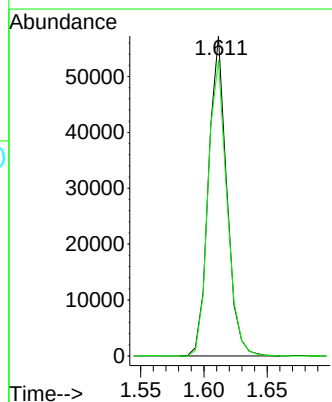
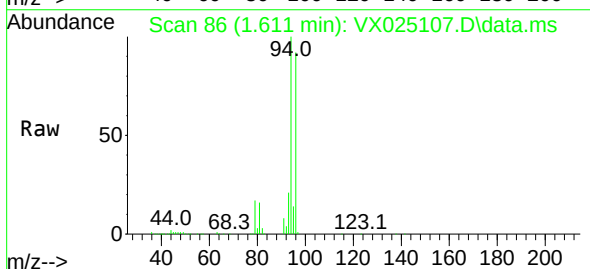
Instrument :
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 ClientSampleId :
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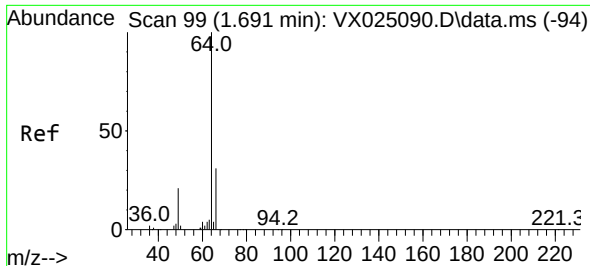
Tgt Ion: 62 Resp: 71047
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.6 43.8



#6
 Bromomethane
 Concen: 65.483 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.007 min
 Lab File: VX025107.D
 Acq: 08 Nov 2021 19:50

Tgt Ion: 94 Resp: 57297
 Ion Ratio Lower Upper
 94 100
 96 92.5 62.9 116.9

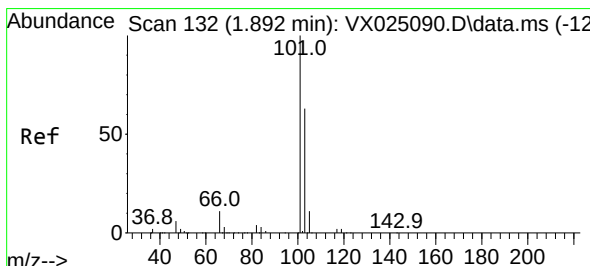
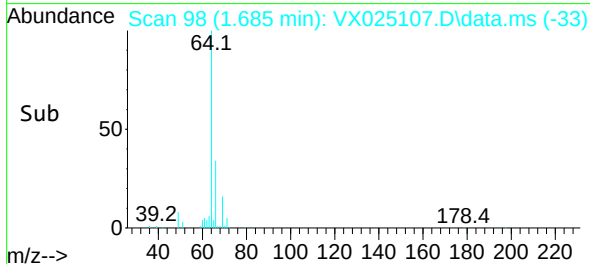
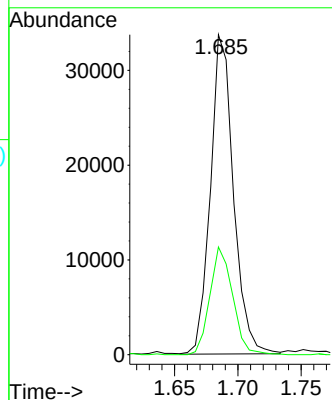
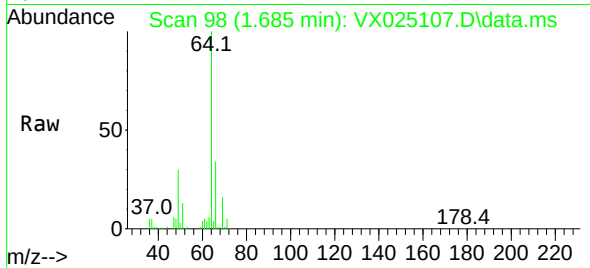




#8
Chloroethane
Concen: 53.397 ug/L
RT: 1.685 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

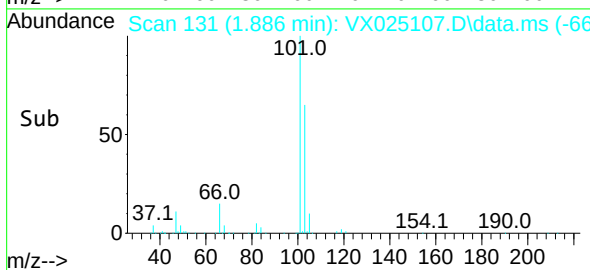
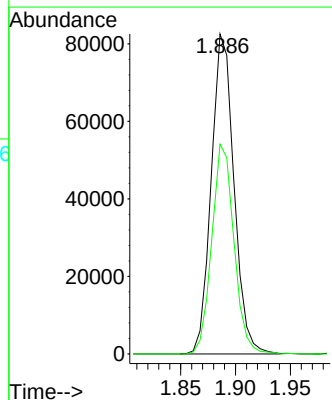
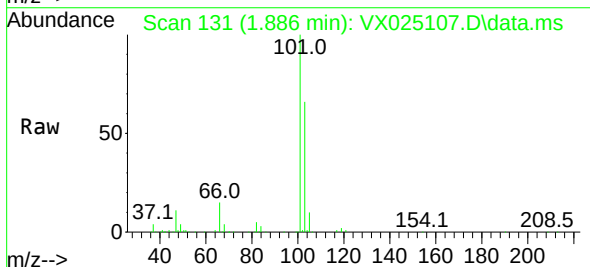
Instrument :
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ClientSampleId :
VSTD050701

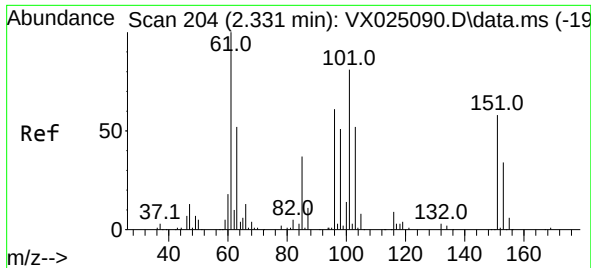
Tgt Ion: 64 Resp: 42703
Ion Ratio Lower Upper
64 100
66 33.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 46.910 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion:101 Resp: 118865
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

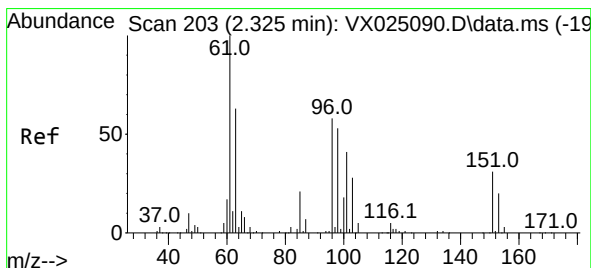
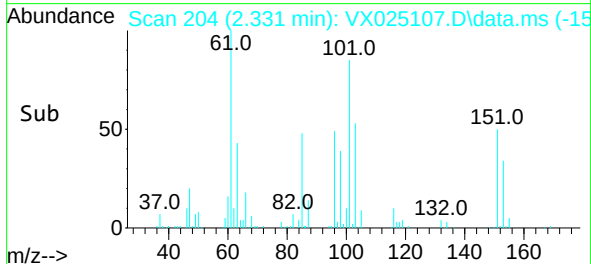
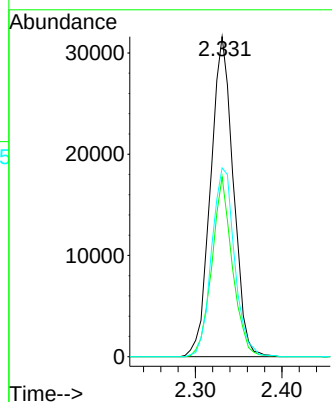
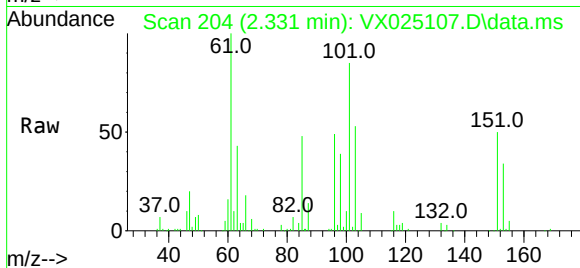




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.540 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX025107.D
 Acq: 08 Nov 2021 19:50

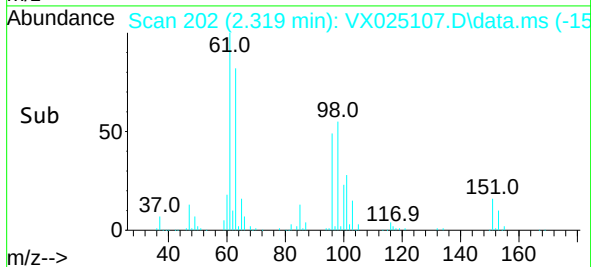
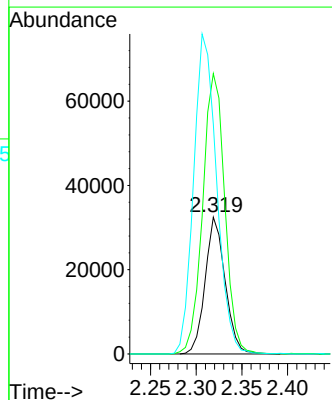
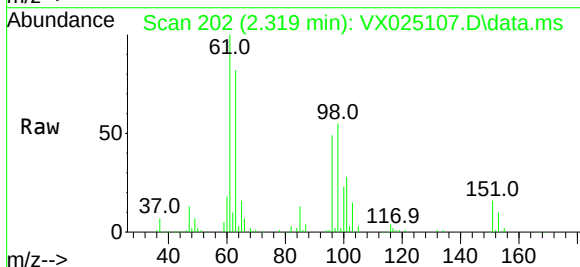
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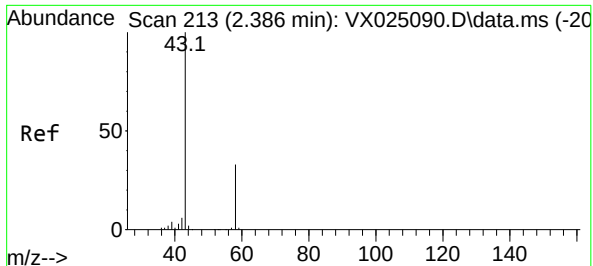
Tgt Ion:101 Resp: 57577
 Ion Ratio Lower Upper
 101 100
 85 50.7 35.3 52.9
 151 59.5 62.3 93.5#



#12
 1,1-Dichloroethene
 Concen: 43.467 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX025107.D
 Acq: 08 Nov 2021 19:50

Tgt Ion: 96 Resp: 49416
 Ion Ratio Lower Upper
 96 100
 61 204.9 109.9 204.1#
 63 168.0 92.4 171.6





#13

Acetone

Concen: 80.435 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

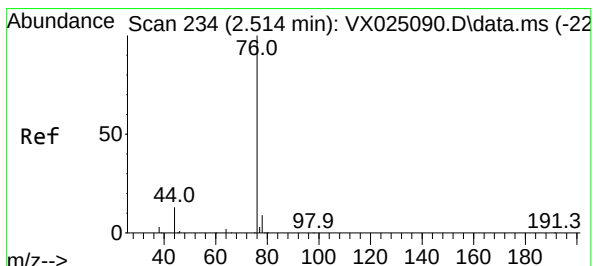
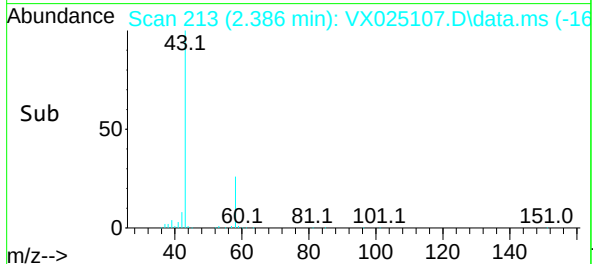
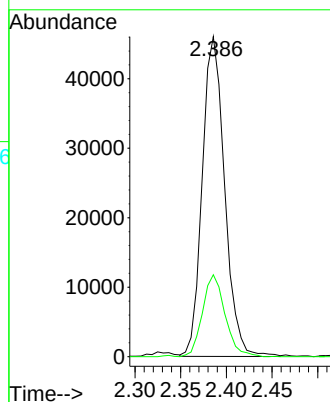
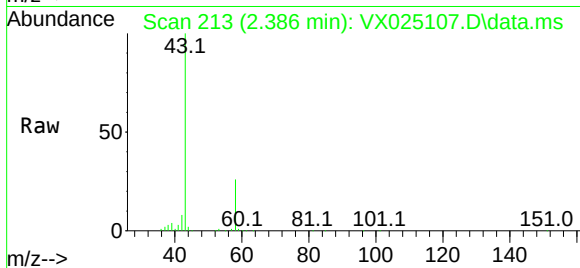
VSTD050701

Tgt Ion: 43 Resp: 78326

Ion Ratio Lower Upper

43 100

58 25.8 0.0 64.8



#14

Carbon disulfide

Concen: 42.129 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX025107.D

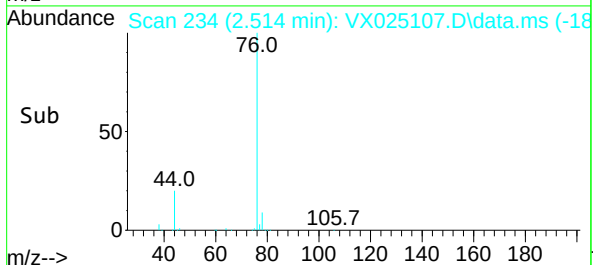
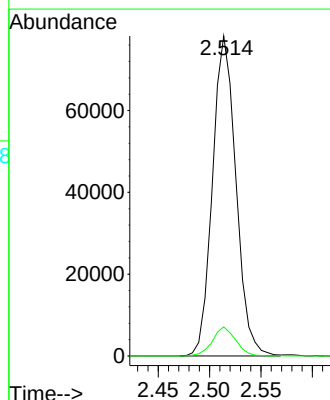
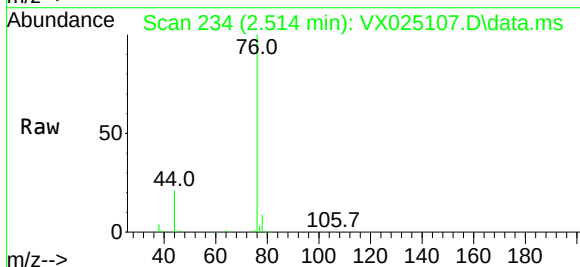
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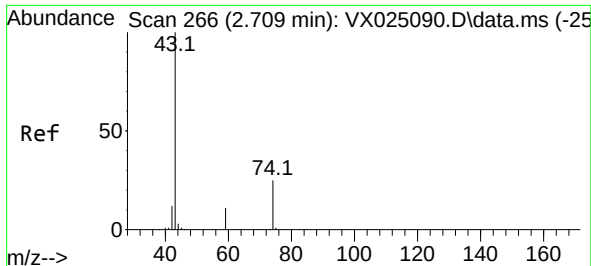
Tgt Ion: 76 Resp: 124348

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

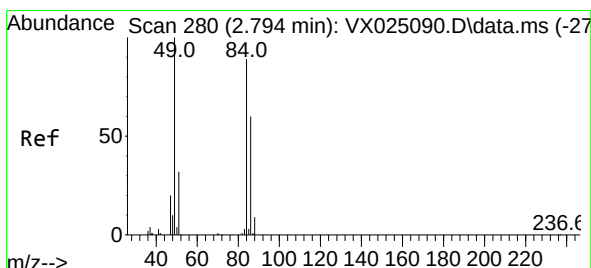
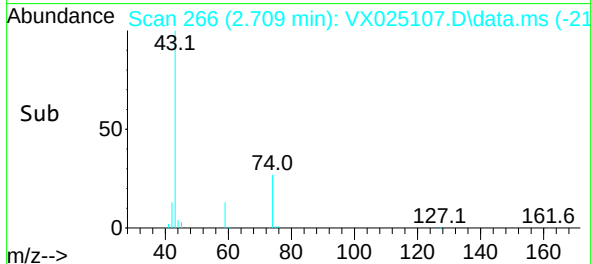
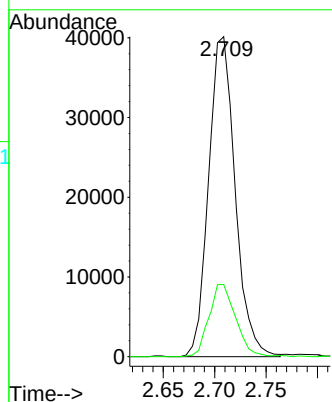
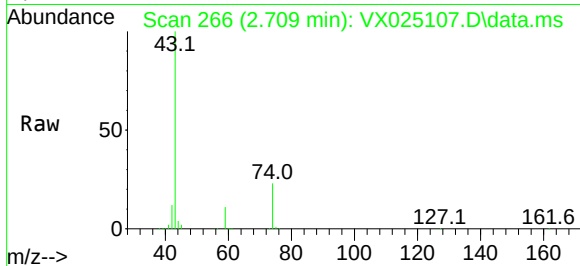




#15
Methyl Acetate
Concen: 53.547 ug/L
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

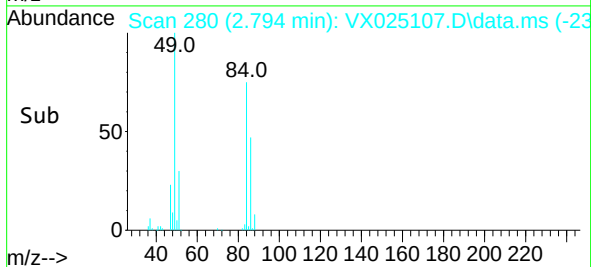
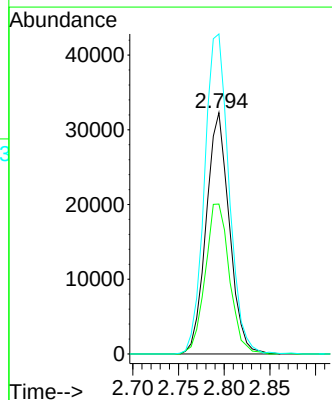
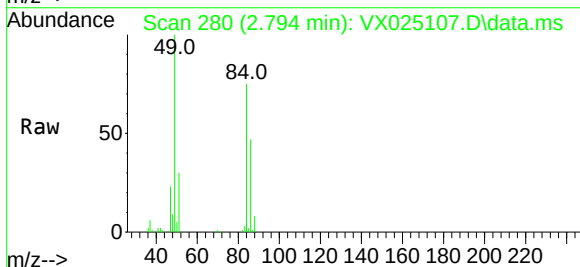
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

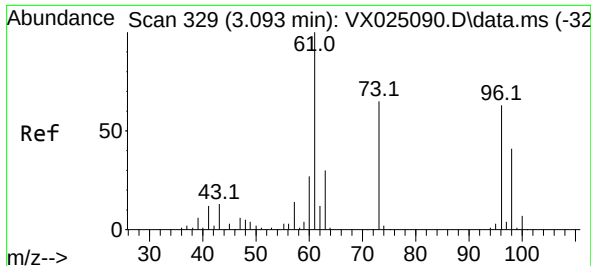
Tgt Ion: 43 Resp: 72098
Ion Ratio Lower Upper
43 100
74 22.6 28.6 42.8#



#16
Methylene chloride
Concen: 44.557 ug/L
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion: 84 Resp: 56957
Ion Ratio Lower Upper
84 100
86 62.1 44.4 82.5
49 132.6 64.0 118.8#

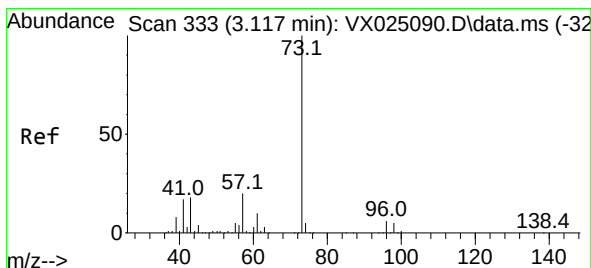
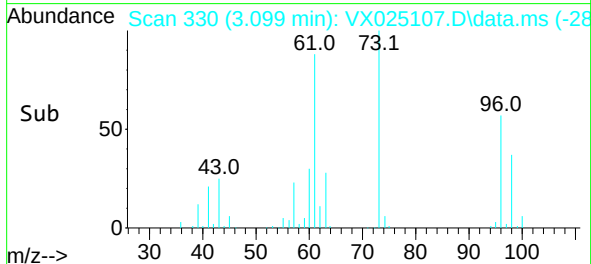
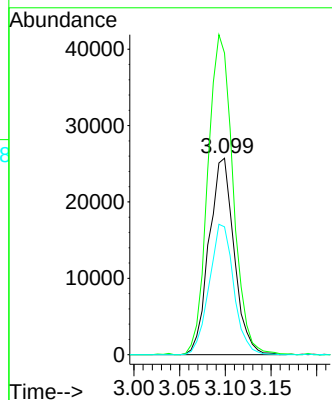
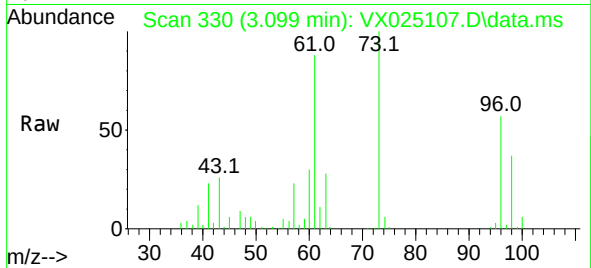




#17
trans-1,2-Dichloroethene
Concen: 42.506 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

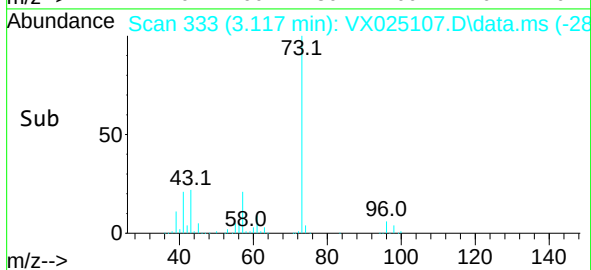
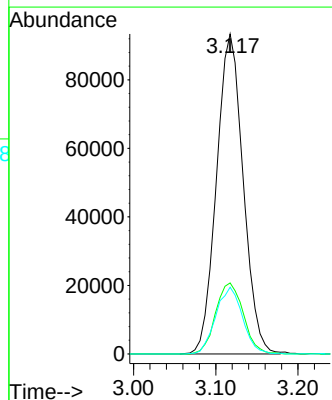
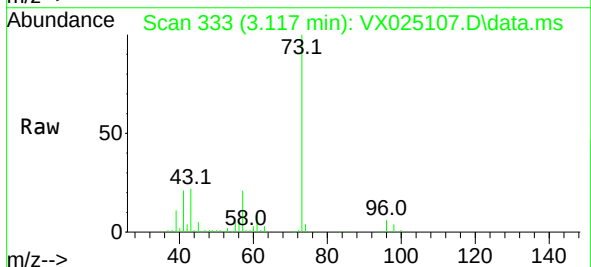
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

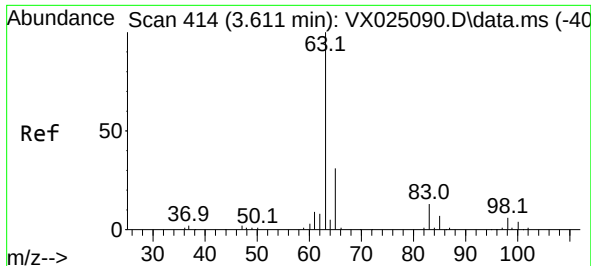
Tgt Ion: 96 Resp: 49055
Ion Ratio Lower Upper
96 100
61 153.5 99.4 184.6
98 65.1 47.0 87.2



#18
Methyl tert-butyl Ether
Concen: 47.016 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion: 73 Resp: 210427
Ion Ratio Lower Upper
73 100
43 23.1 12.4 18.6#
57 20.9 13.2 19.8#





#19

1,1-Dichloroethane

Concen: 47.094 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050701

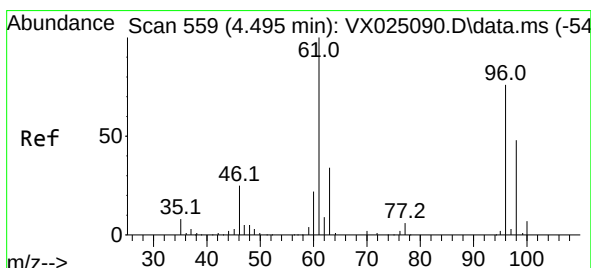
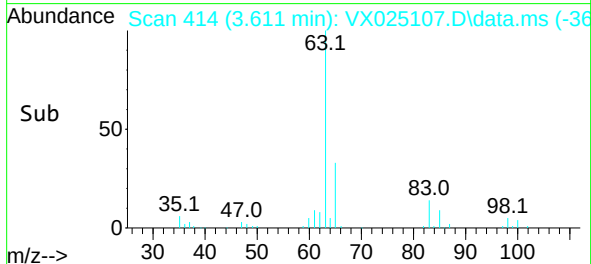
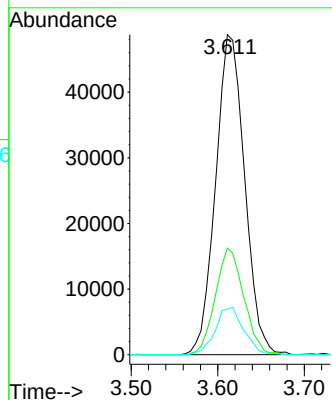
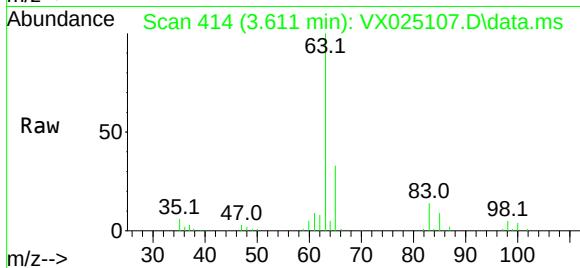
Tgt Ion: 63 Resp: 113490

Ion Ratio Lower Upper

63 100

65 33.3 24.5 45.5

83 14.2 11.7 21.7



#20

cis-1,2-Dichloroethene

Concen: 43.550 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

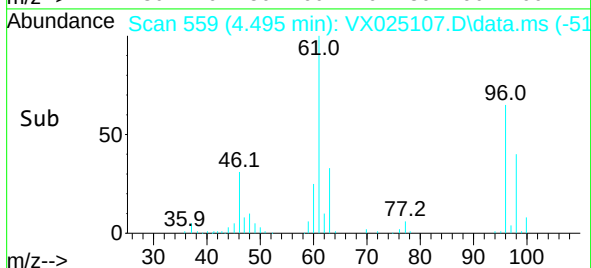
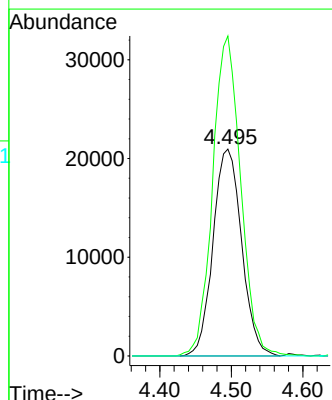
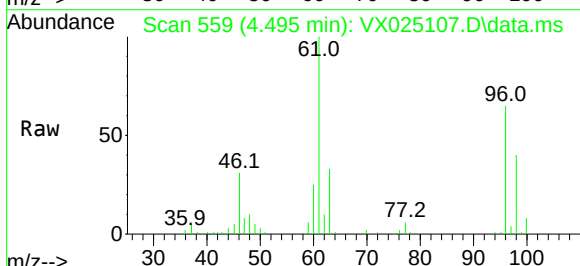
Tgt Ion: 96 Resp: 58207

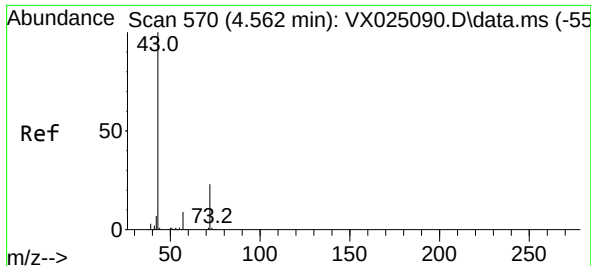
Ion Ratio Lower Upper

96 100

61 154.7 82.6 153.4#

68 0.0 0.0 0.0

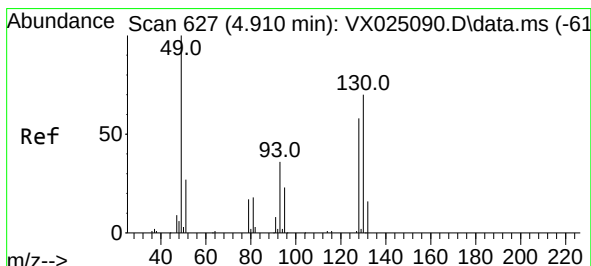
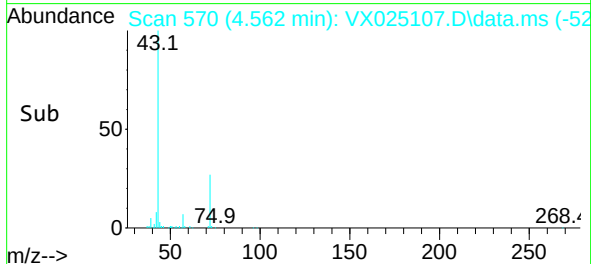
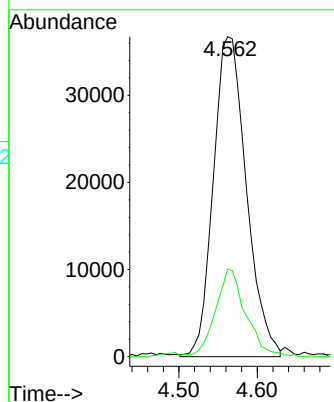
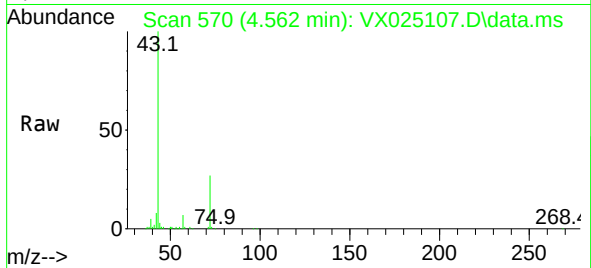




#22
2-Butanone
Concen: 92.928 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

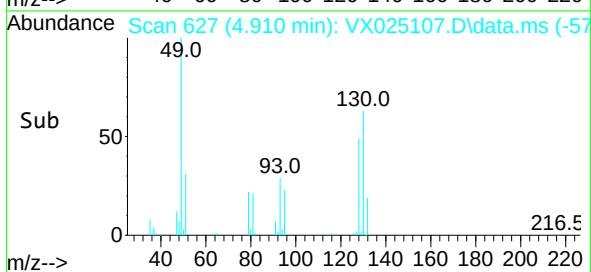
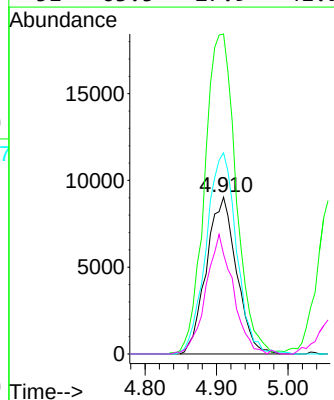
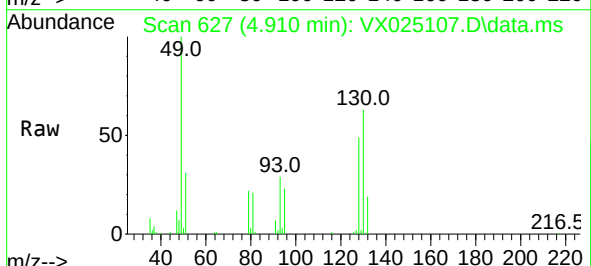
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

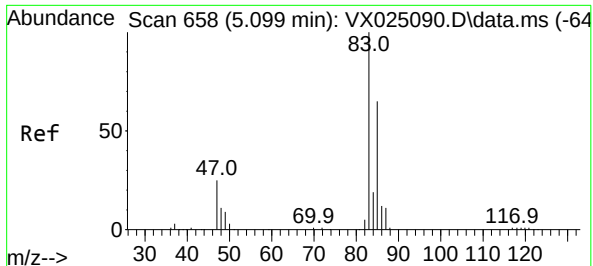
Tgt Ion: 43 Resp: 107476
Ion Ratio Lower Upper
43 100
72 25.0 18.4 55.0



#23
Bromochloromethane
Concen: 42.088 ug/L
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion:128 Resp: 26487
Ion Ratio Lower Upper
128 100
49 204.0 71.5 132.7#
130 128.3 84.3 156.5
51 63.5 27.9 41.9#





#25

Chloroform

Concen: 46.523 ug/L

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

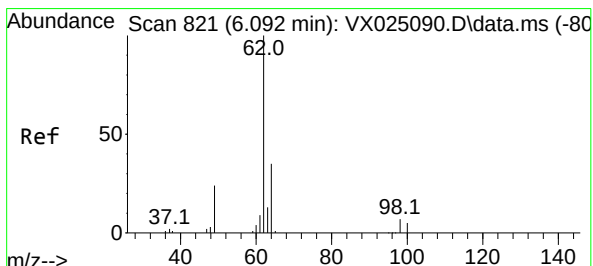
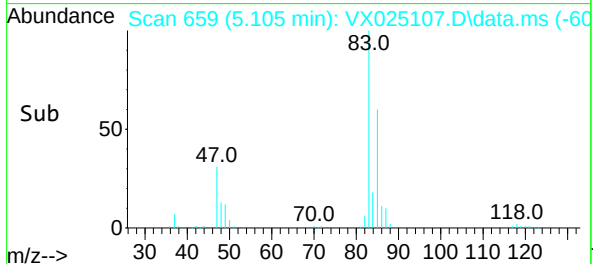
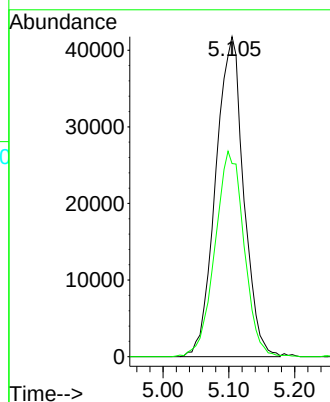
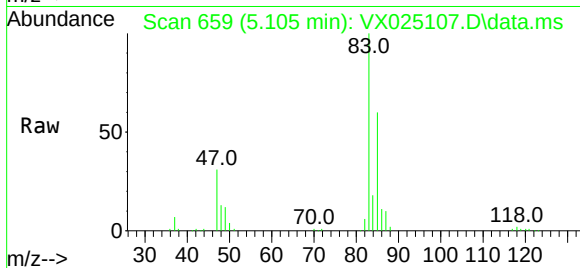
VSTD050701

Tgt Ion: 83 Resp: 123751

Ion Ratio Lower Upper

83 100

85 60.4 46.3 86.1



#27

1,2-Dichloroethane

Concen: 53.826 ug/L

RT: 6.092 min Scan# 821

Delta R.T. -0.000 min

Lab File: VX025107.D

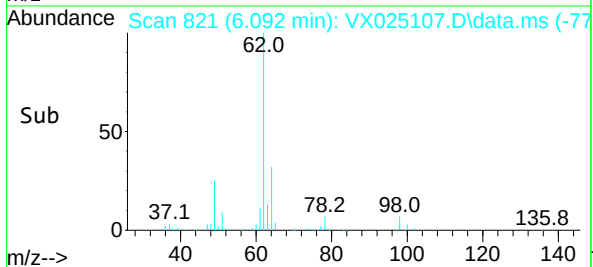
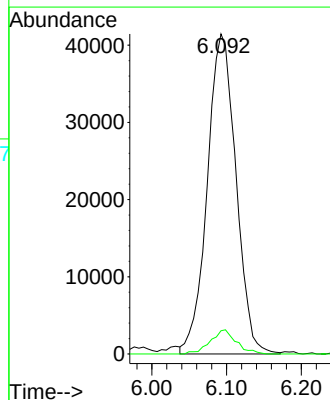
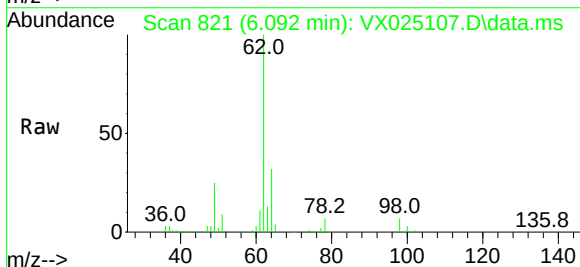
Acq: 08 Nov 2021 19:50

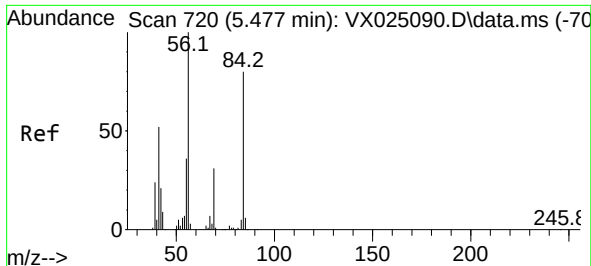
Tgt Ion: 62 Resp: 110588

Ion Ratio Lower Upper

62 100

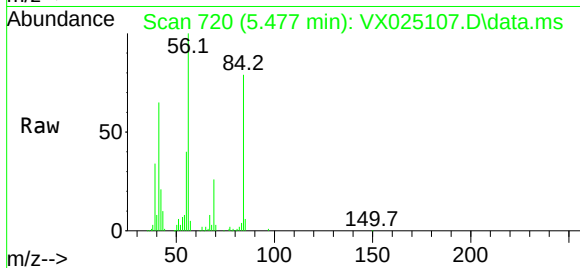
98 7.3 5.5 8.3



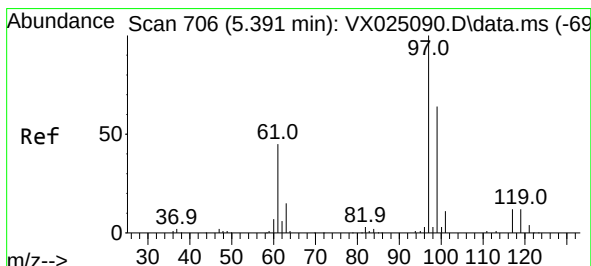
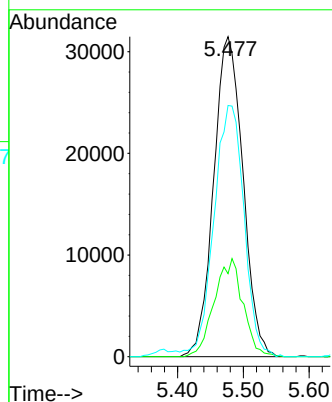
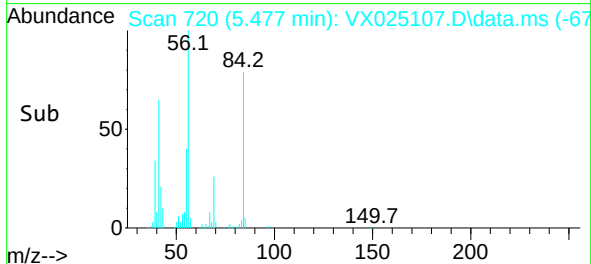


#29
Cyclohexane
Concen: 43.289 ug/L
RT: 5.477 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

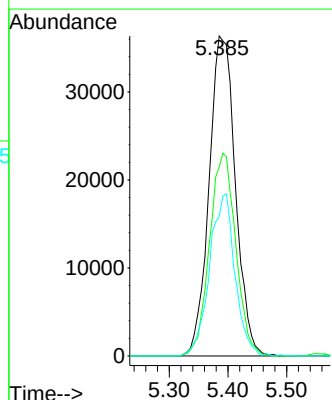
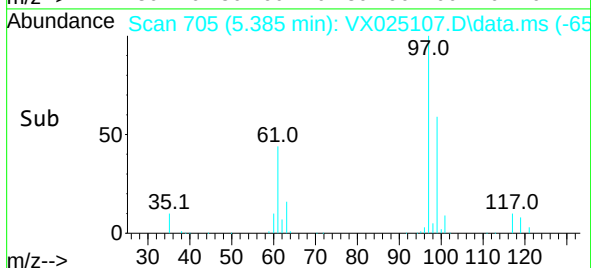
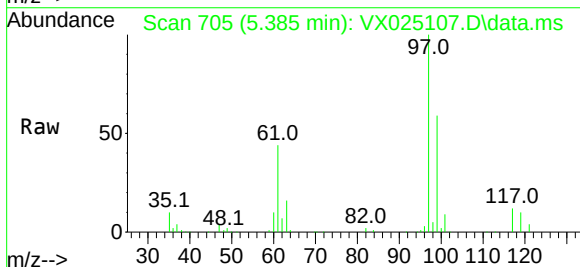


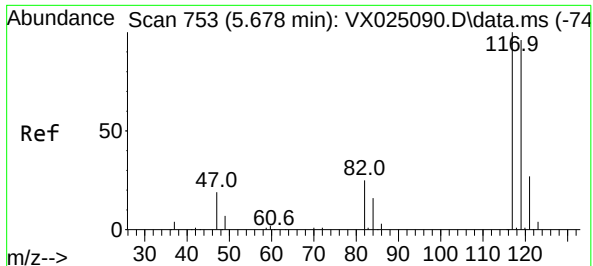
Tgt Ion: 56 Resp: 97532
Ion Ratio Lower Upper
56 100
69 16.1 30.8 46.2#
84 80.4 86.8 130.2#



#30
1,1,1-Trichloroethane
Concen: 42.570 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion: 97 Resp: 113522
Ion Ratio Lower Upper
97 100
99 62.9 53.1 79.7
61 48.5 26.3 39.5#

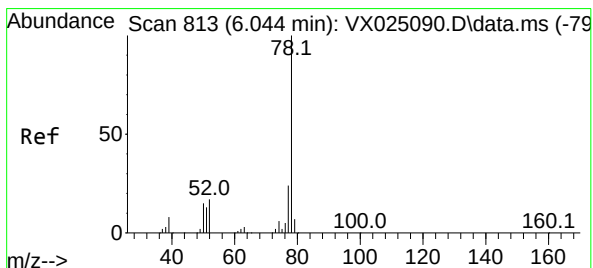
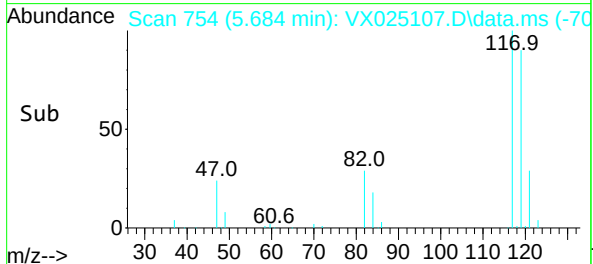
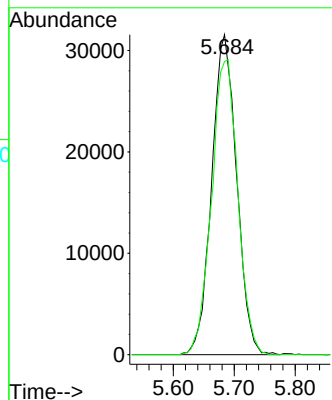
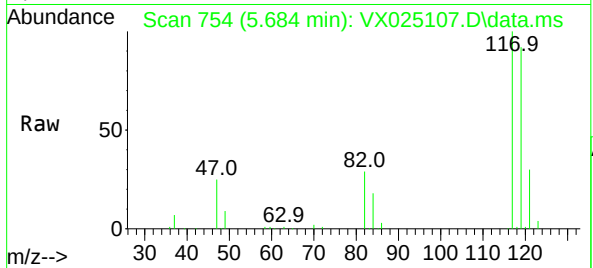




#31
Carbon tetrachloride
Concen: 41.994 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

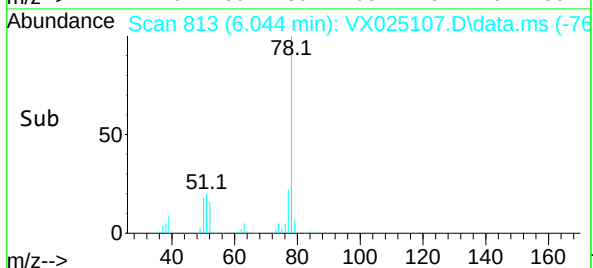
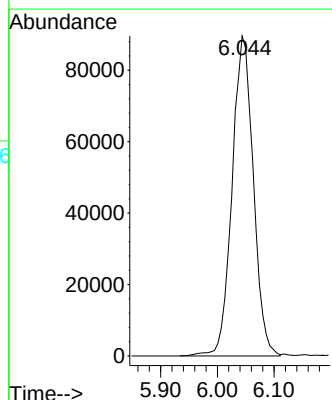
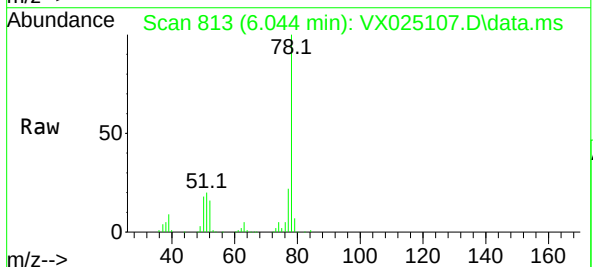
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

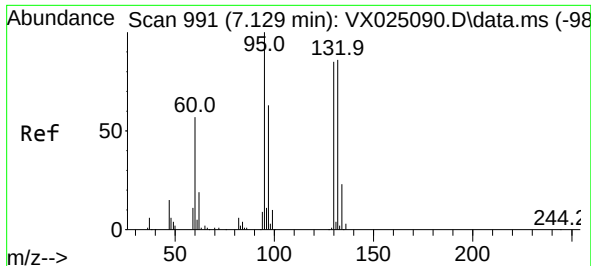
Tgt Ion:117 Resp: 89815
Ion Ratio Lower Upper
117 100
119 97.1 76.0 114.0



#33
Benzene
Concen: 42.073 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion: 78 Resp: 233043



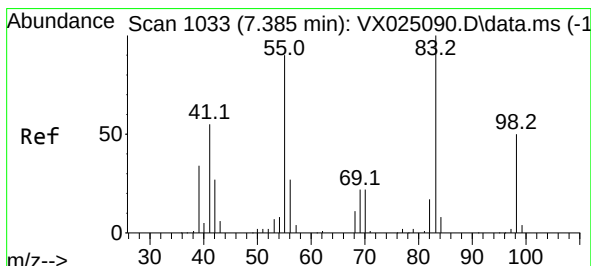
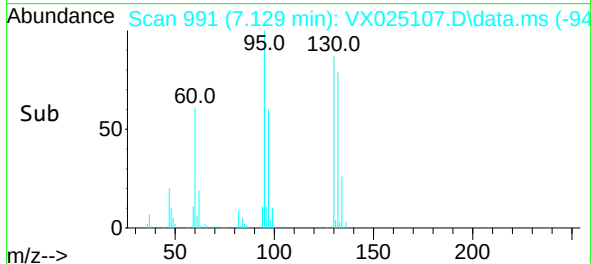
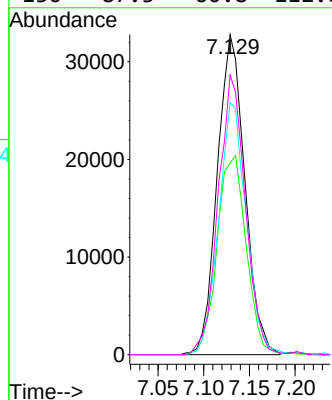
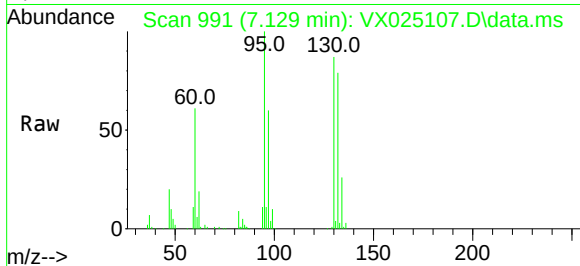


#34
Trichloroethene
Concen: 48.750 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

Tgt Ion: 95 Resp: 68782

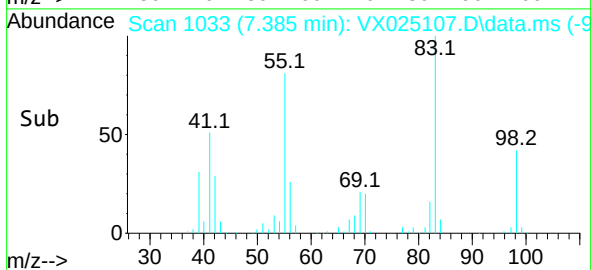
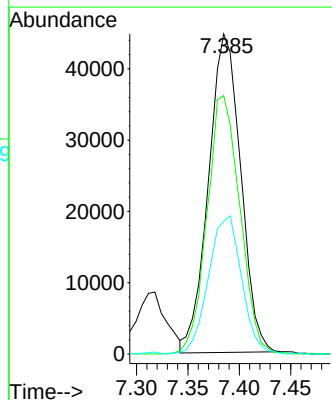
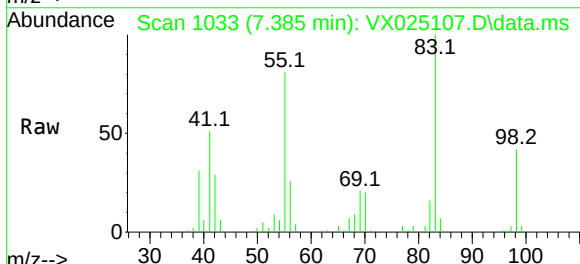
Ion	Ratio	Lower	Upper
95	100		
97	59.9	44.2	82.2
132	78.8	60.1	111.5
130	87.3	60.8	112.8

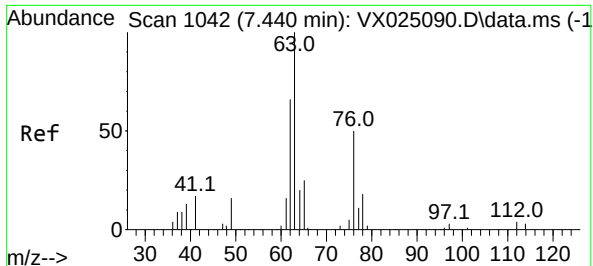


#35
Methylcyclohexane
Concen: 46.431 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion: 83 Resp: 97441

Ion	Ratio	Lower	Upper
83	100		
55	82.6	52.6	79.0
98	44.5	37.9	56.9





#37

1,2-Dichloropropane

Concen: 49.206 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

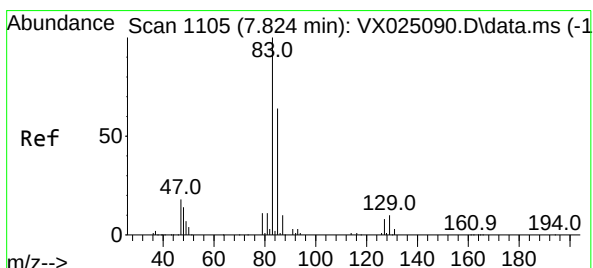
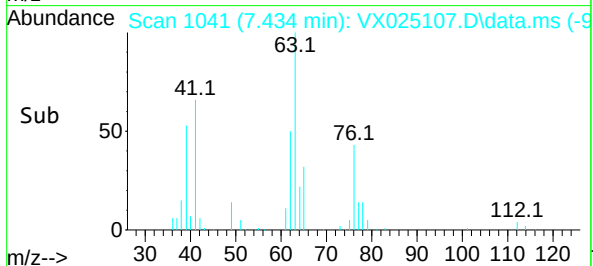
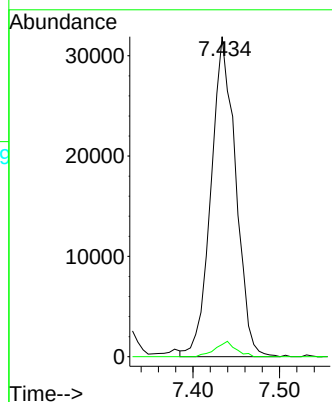
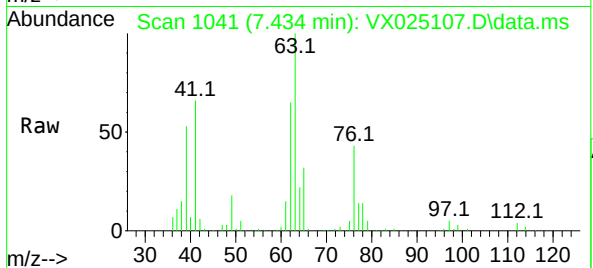
VSTD050701

Tgt Ion: 63 Resp: 63293

Ion Ratio Lower Upper

63 100

112 4.0 4.0 6.0#



#38

Bromodichloromethane

Concen: 48.589 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

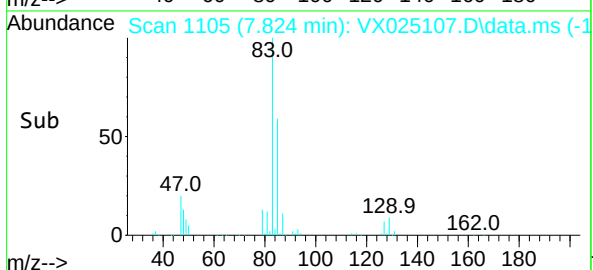
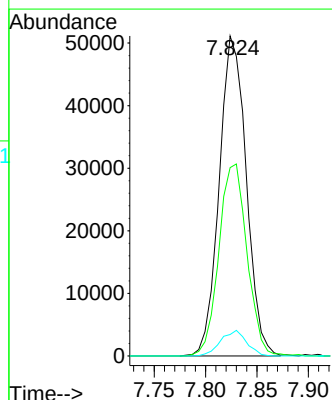
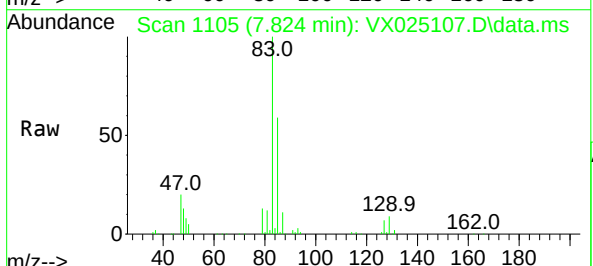
Tgt Ion: 83 Resp: 93495

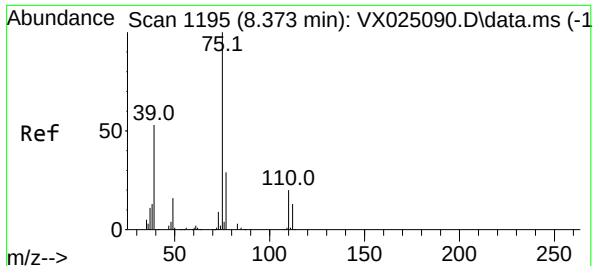
Ion Ratio Lower Upper

83 100

85 58.9 46.8 87.0

127 6.7 8.2 12.2#





#39

cis-1,3-Dichloropropene

Concen: 48.723 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

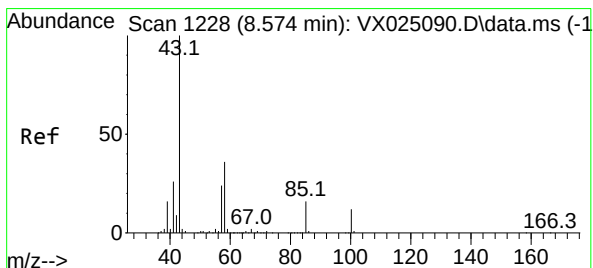
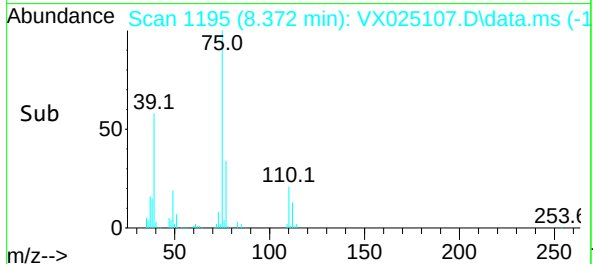
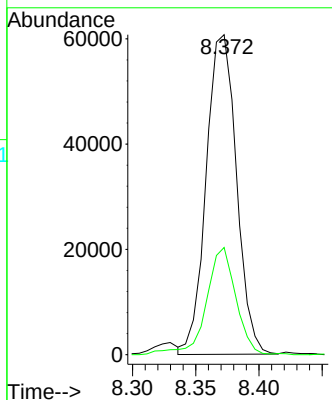
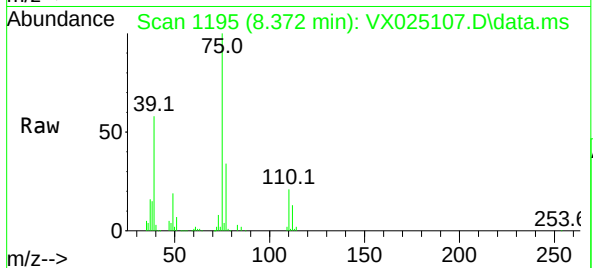
VSTD050701

Tgt Ion: 75 Resp: 101155

Ion Ratio Lower Upper

75 100

77 33.5 23.1 42.9



#40

4-Methyl-2-pentanone

Concen: 111.823 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

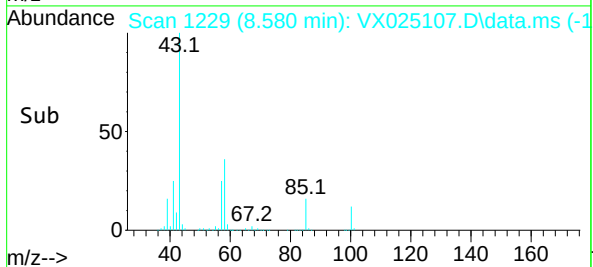
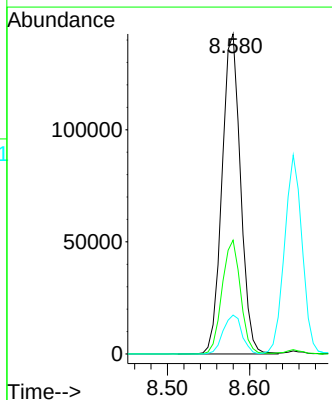
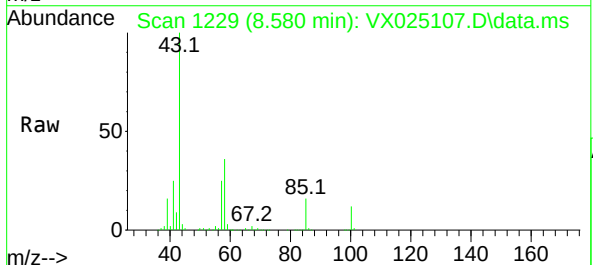
Tgt Ion: 43 Resp: 224126

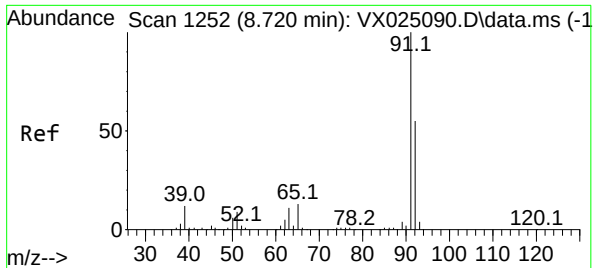
Ion Ratio Lower Upper

43 100

58 35.4 41.3 61.9#

100 12.3 19.6 29.4#





#42

Toluene

Concen: 49.583 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

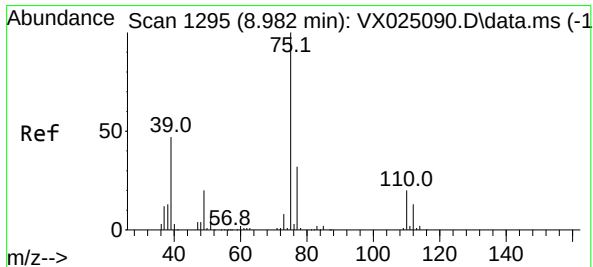
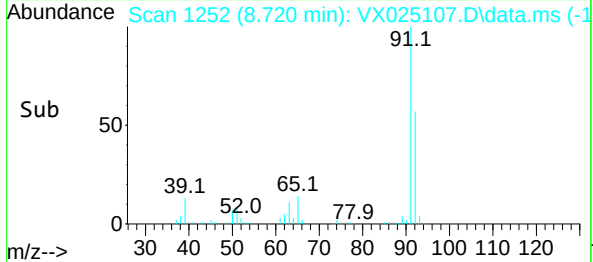
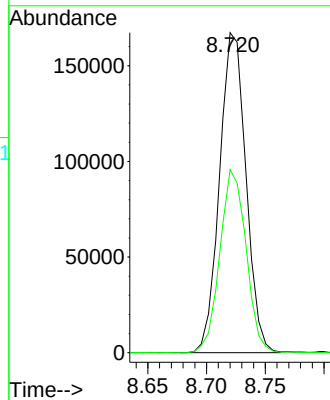
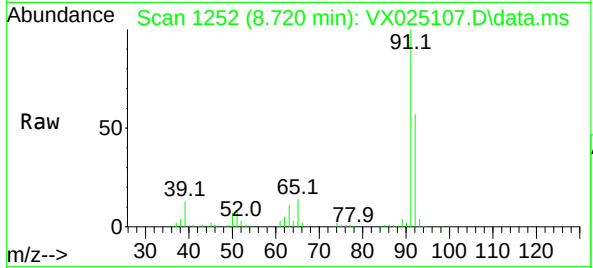
VSTD050701

Tgt Ion: 91 Resp: 261455

Ion Ratio Lower Upper

91 100

92 57.2 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 51.040 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX025107.D

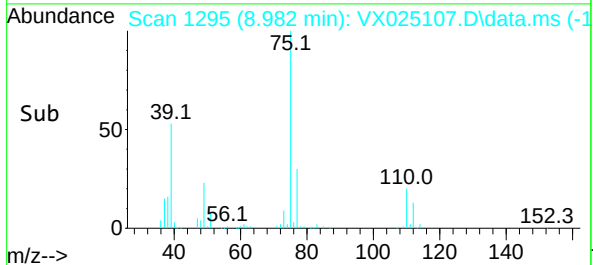
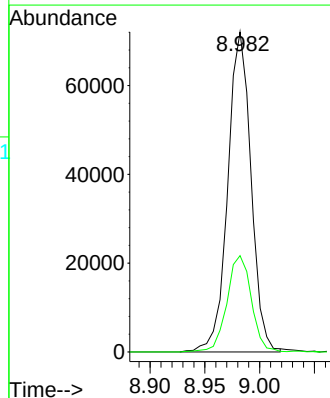
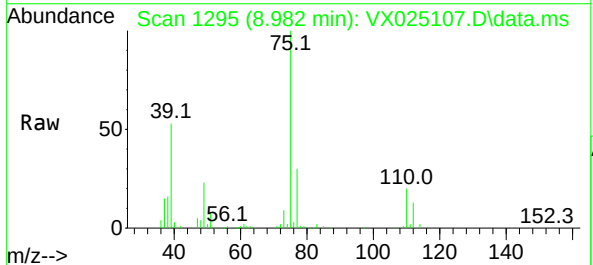
Acq: 08 Nov 2021 19:50

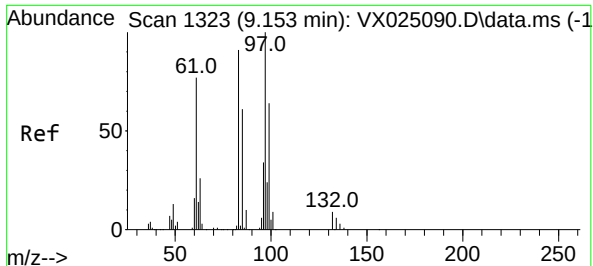
Tgt Ion: 75 Resp: 106244

Ion Ratio Lower Upper

75 100

77 30.1 23.4 43.6

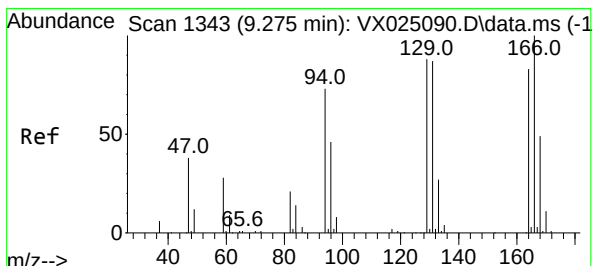
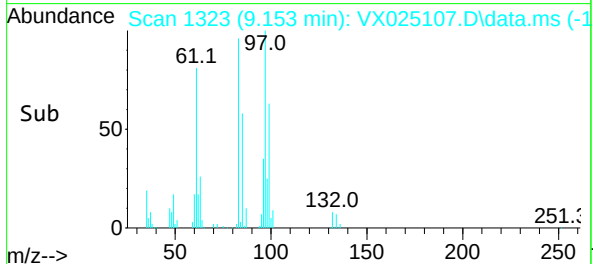
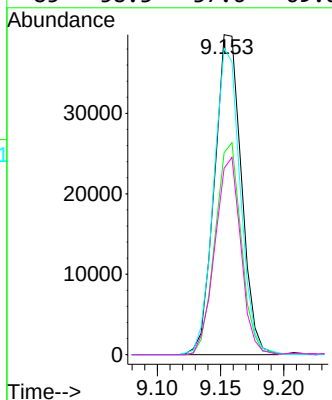
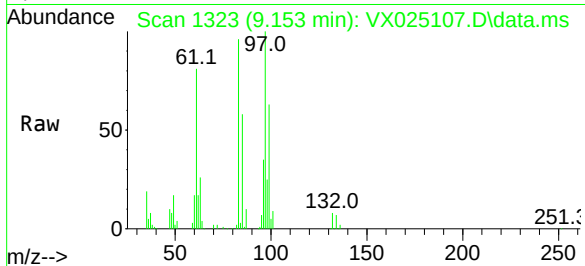




#45
1,1,2-Trichloroethane
Concen: 49.664 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

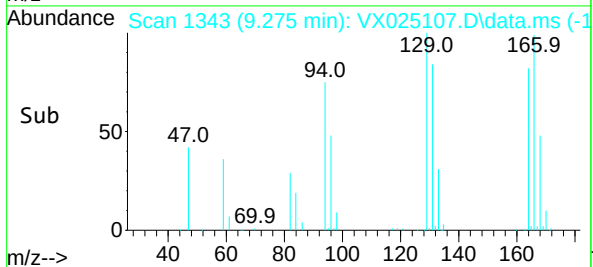
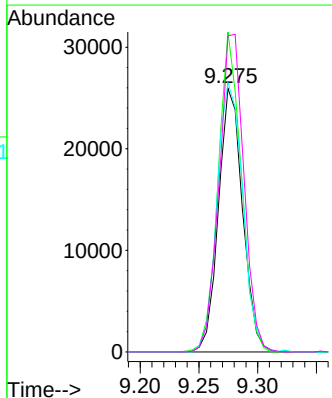
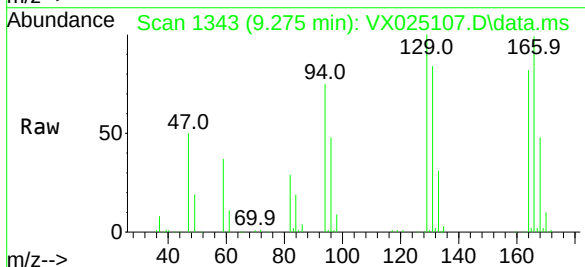
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

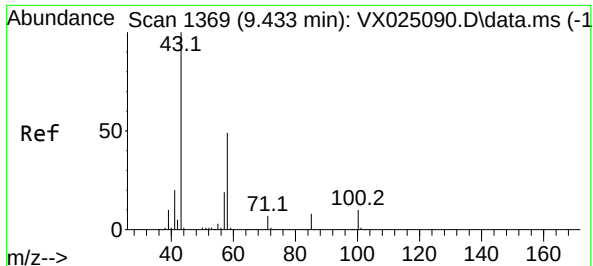
Tgt Ion: 97	Resp: 58921
Ion Ratio	Lower Upper
97 100	
99 63.1	43.5 80.7
83 95.7	58.2 108.0
85 58.3	37.6 69.8



#46
Tetrachloroethene
Concen: 47.332 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt	Ion:164	Resp:	36980
Ion	Ratio	Lower	Upper
164	100		
129	121.4	78.5	145.7
131	102.2	70.5	130.9
166	120.0	88.3	164.1

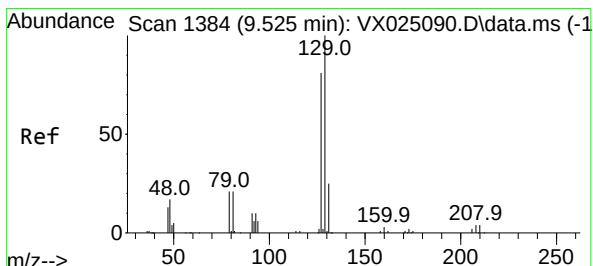
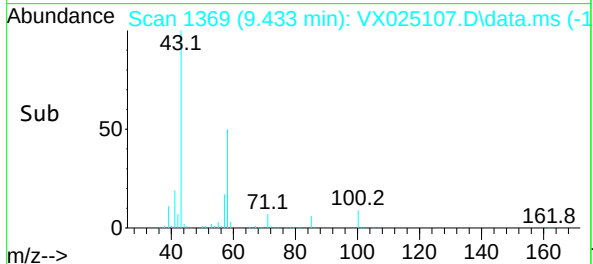
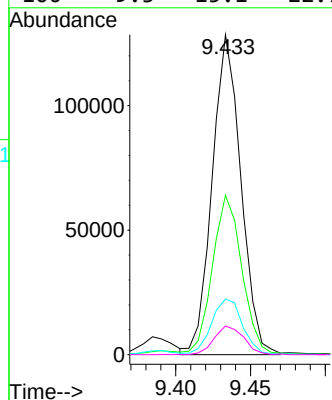
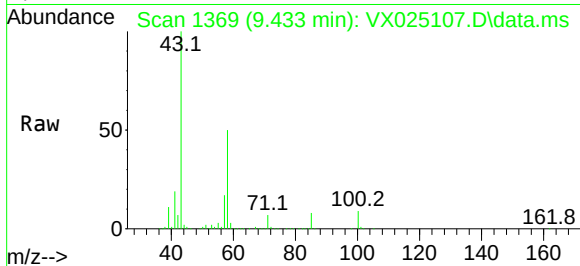




#48
2-Hexanone
Concen: 104.021 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

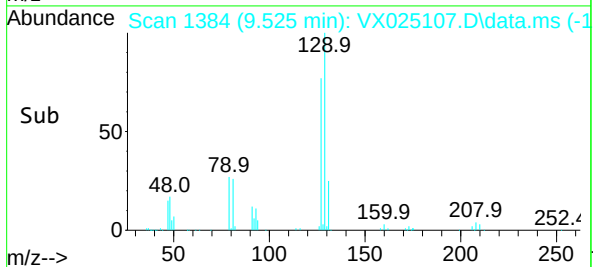
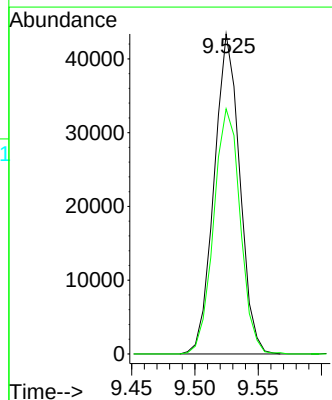
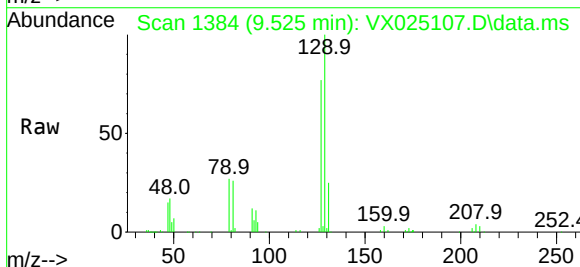
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

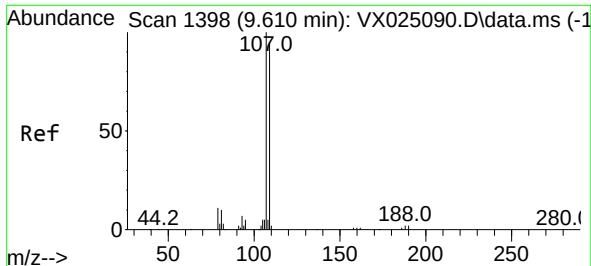
Tgt Ion: 43	Resp: 171568
Ion Ratio	Lower Upper
43 100	
58 50.9	56.0 84.0#
57 18.9	20.4 30.6#
100 9.3	15.1 22.7#



#49
Dibromochloromethane
Concen: 48.471 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion:129	Resp: 61012		
Ion Ratio	Lower	Upper	
129 100			
127 76.6	54.1	100.5	





#50

1,2-Dibromoethane

Concen: 50.098 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050701

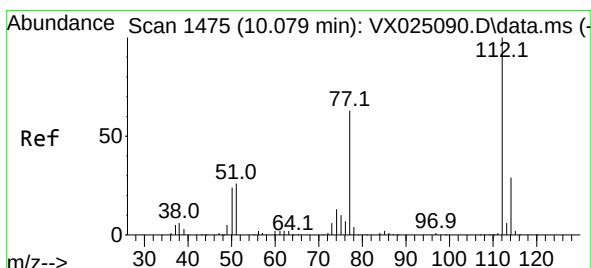
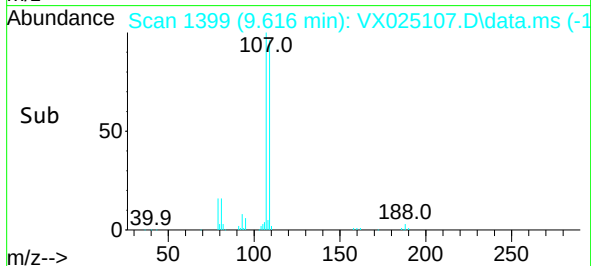
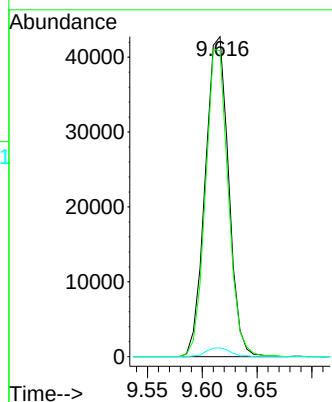
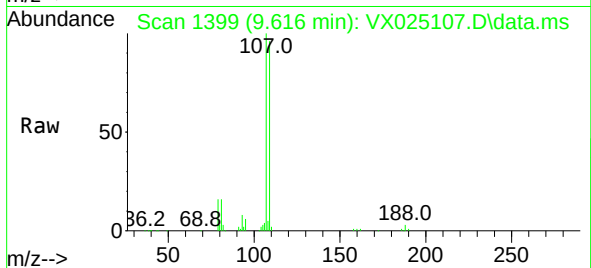
Tgt Ion:107 Resp: 63447

Ion Ratio Lower Upper

107 100

109 95.7 63.8 118.6

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 48.628 ug/L

RT: 10.086 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

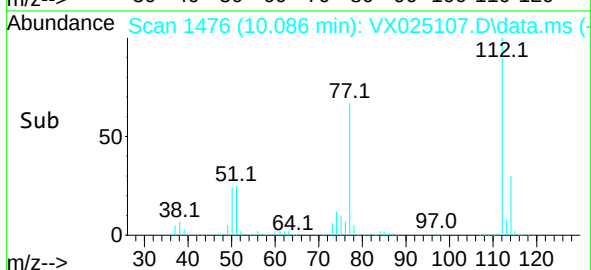
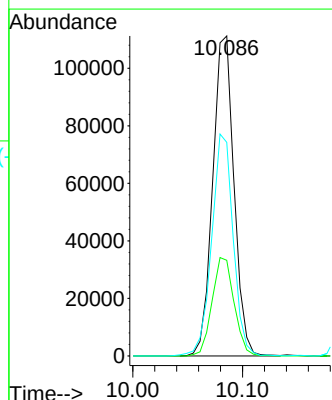
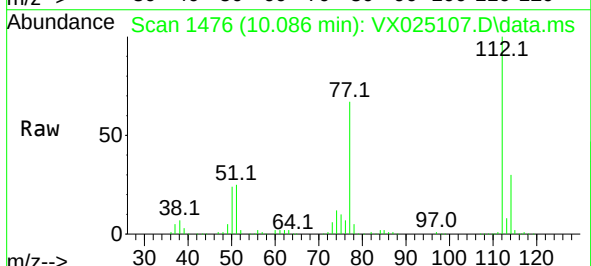
Tgt Ion:112 Resp: 150196

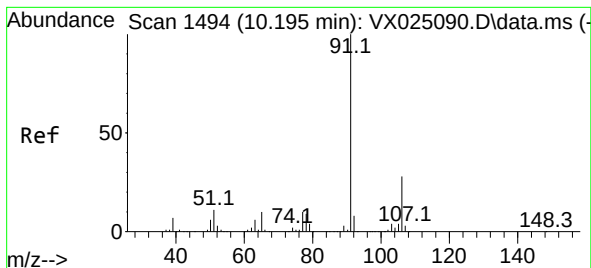
Ion Ratio Lower Upper

112 100

114 29.9 22.7 42.3

77 66.7 46.8 70.2

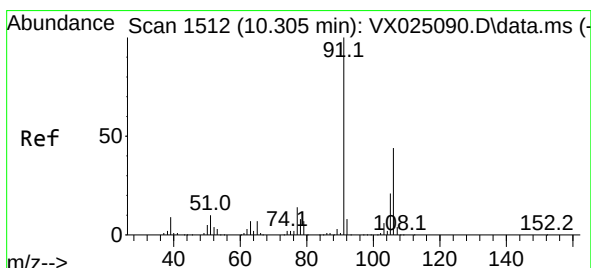
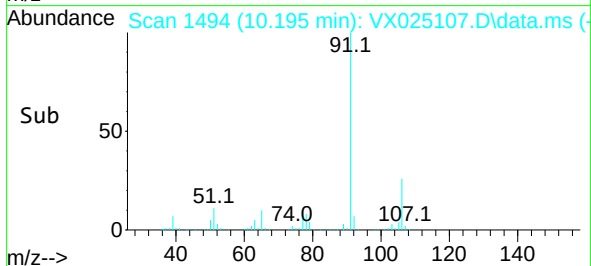
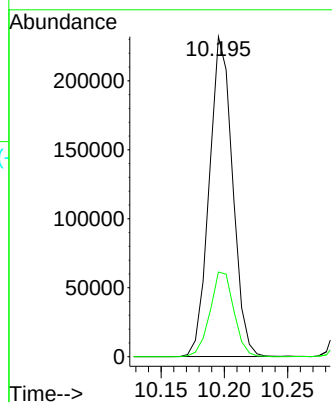
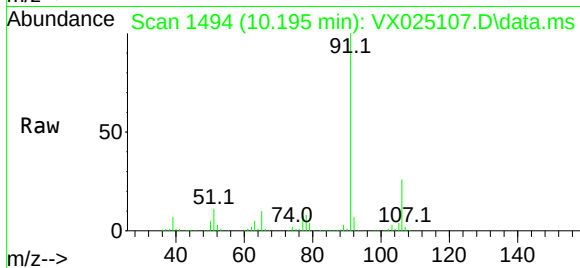




#52
Ethylbenzene
Concen: 52.420 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

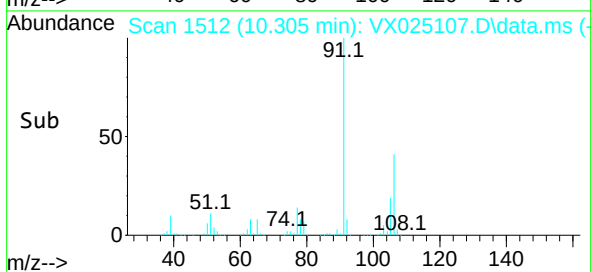
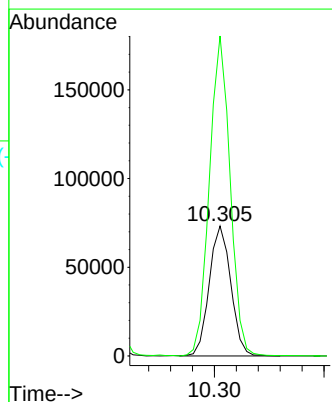
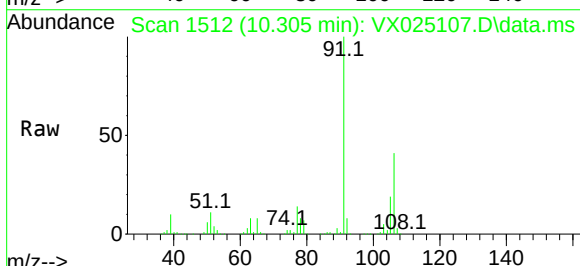
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

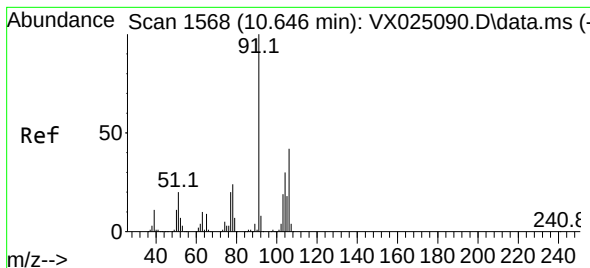
Tgt Ion: 91 Resp: 297186
Ion Ratio Lower Upper
91 100
106 26.4 20.2 37.6



#53
m,p-Xylene
Concen: 48.645 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion:106 Resp: 100314
Ion Ratio Lower Upper
106 100
91 246.2 160.2 297.6





#54

o-Xylene

Concen: 51.481 ug/L

RT: 10.646 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

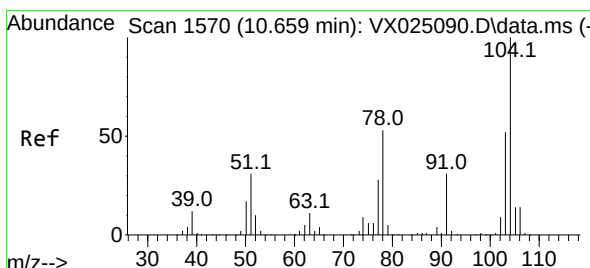
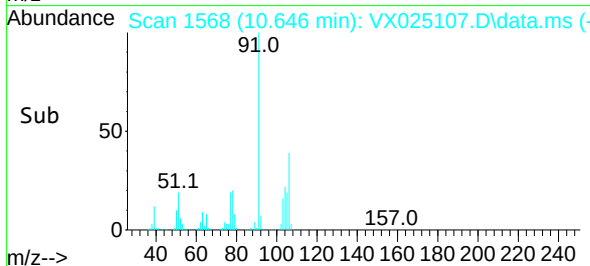
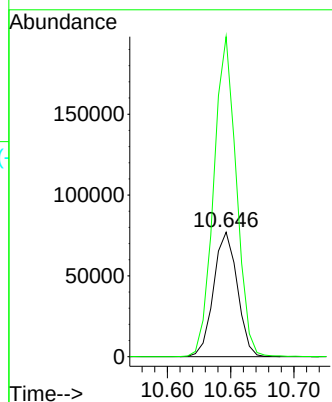
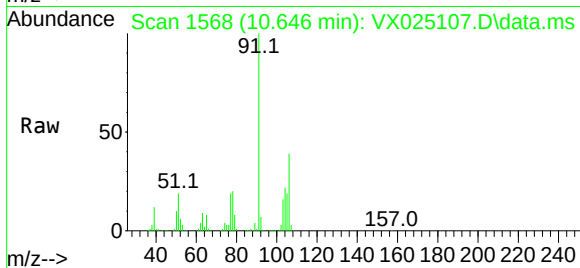
VSTD050701

Tgt Ion:106 Resp: 100463

Ion Ratio Lower Upper

106 100

91 257.2 164.4 305.4



#55

Styrene

Concen: 51.021 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX025107.D

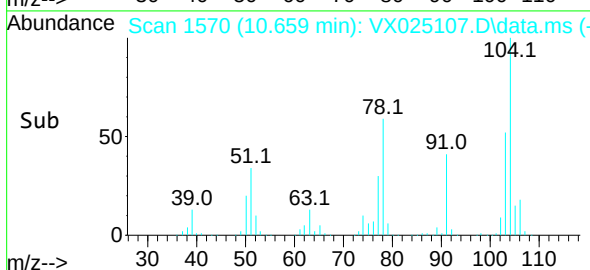
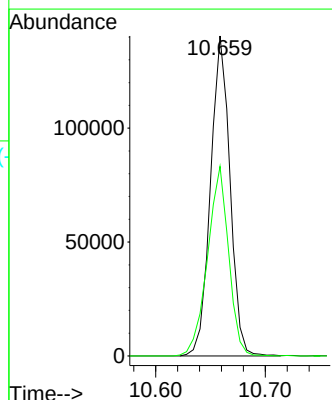
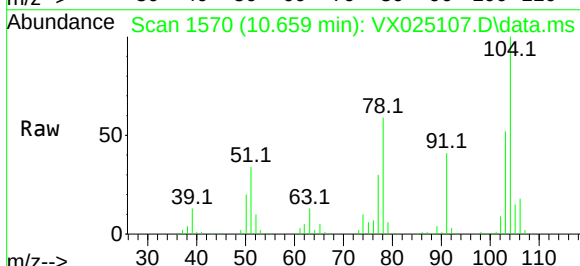
Acq: 08 Nov 2021 19:50

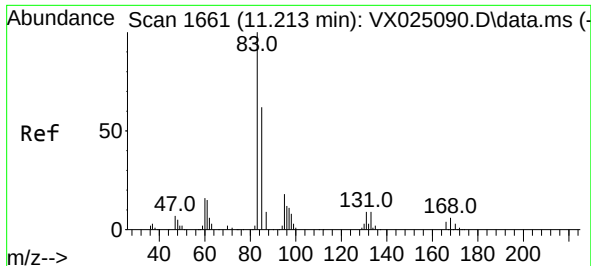
Tgt Ion:104 Resp: 173336

Ion Ratio Lower Upper

104 100

78 59.2 38.2 71.0

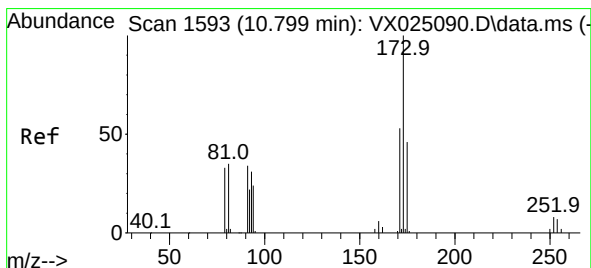
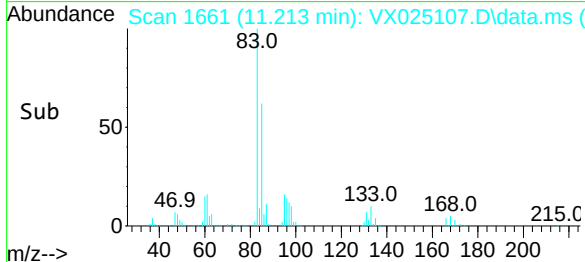
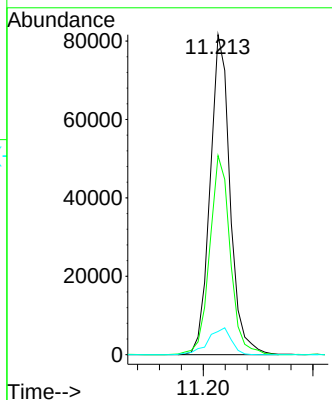
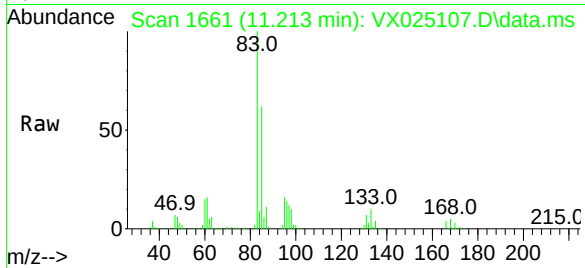




#57
1,1,2,2-Tetrachloroethane
Concen: 48.618 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

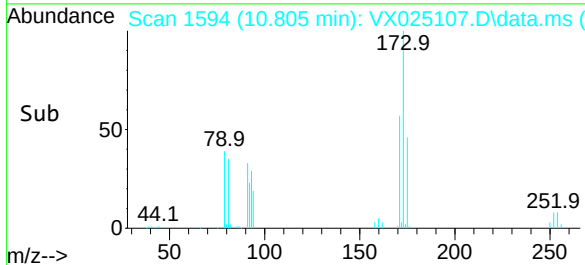
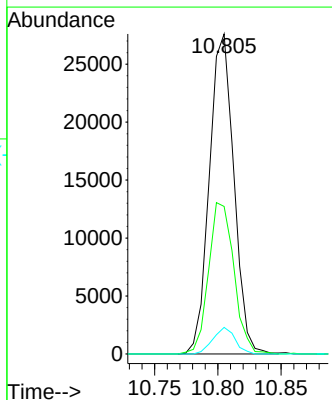
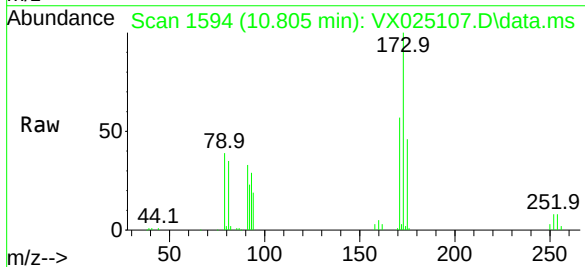
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

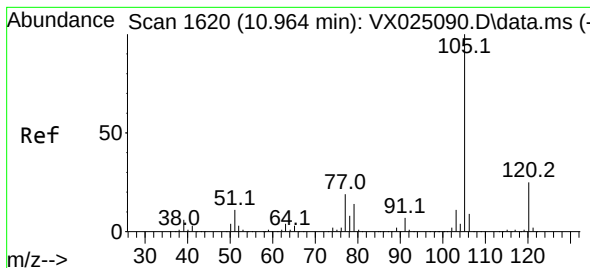
Tgt Ion: 83 Resp: 103170
Ion Ratio Lower Upper
83 100
85 62.2 46.9 87.1
131 7.3 8.7 13.1#



#59
Bromoform
Concen: 45.804 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion:173 Resp: 37227
Ion Ratio Lower Upper
173 100
175 48.8 36.6 55.0
254 7.5 4.9 7.3#





#60

Isopropylbenzene

Concen: 49.133 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050701

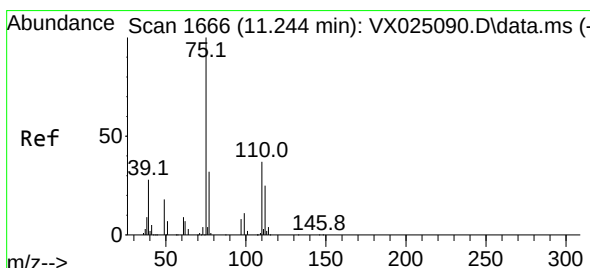
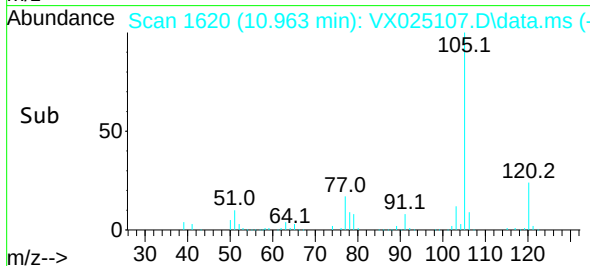
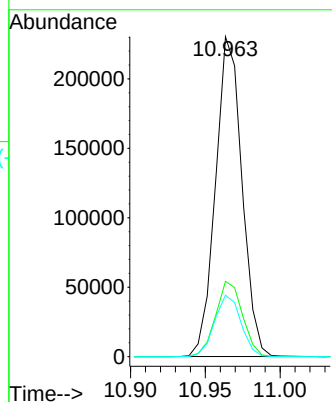
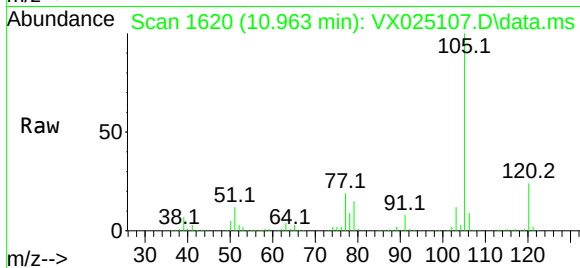
Tgt Ion:105 Resp: 283226

Ion Ratio Lower Upper

105 100

120 24.0 19.8 29.6

77 19.2 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 53.334 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

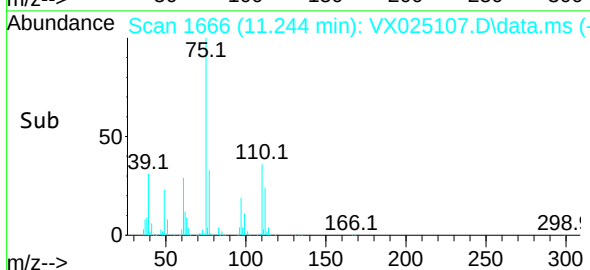
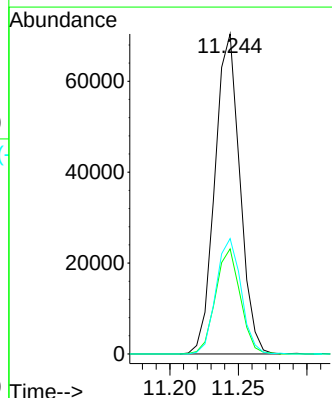
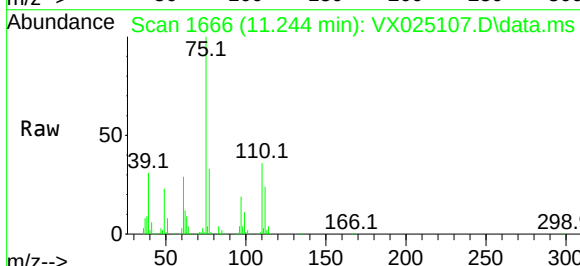
Tgt Ion: 75 Resp: 89441

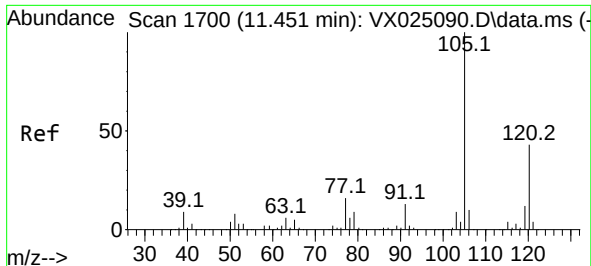
Ion Ratio Lower Upper

75 100

77 32.5 26.6 39.8

110 35.9 37.2 55.8#

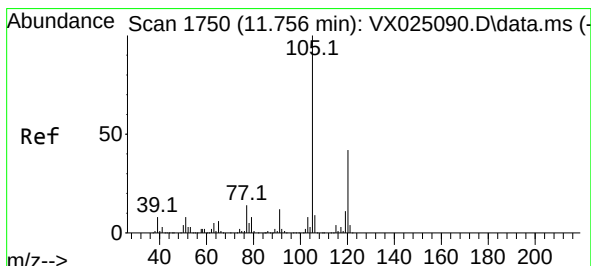
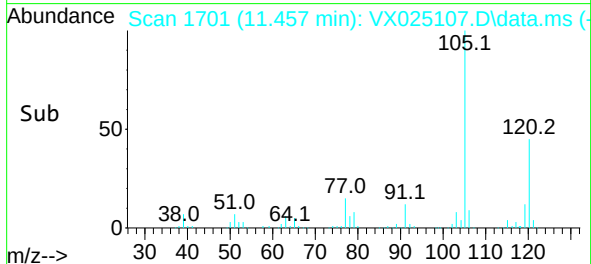
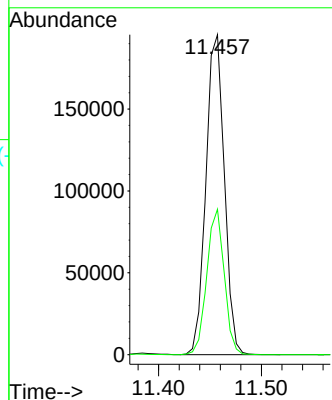
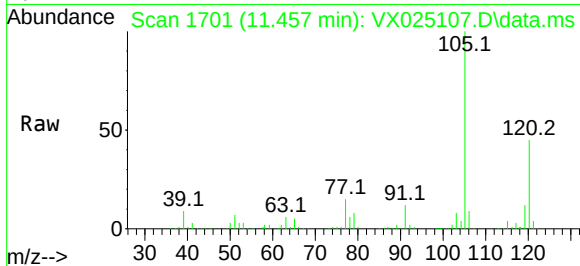




#62
1,3,5-Trimethylbenzene
Concen: 51.057 ug/L
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

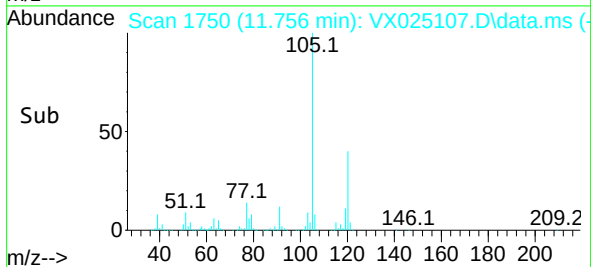
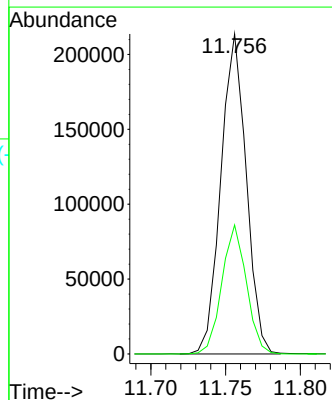
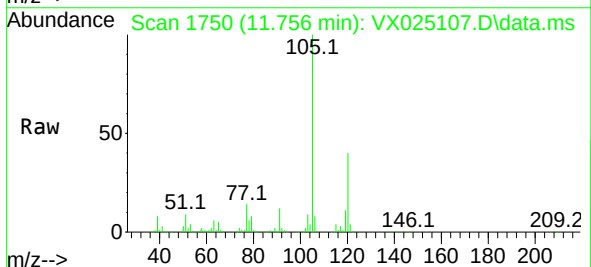
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

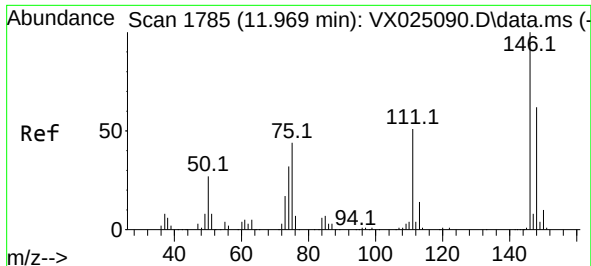
Tgt Ion:105 Resp: 243759
Ion Ratio Lower Upper
105 100
120 43.1 34.4 51.6



#63
1,2,4-Trimethylbenzene
Concen: 53.759 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion:105 Resp: 251713
Ion Ratio Lower Upper
105 100
120 39.0 31.0 46.6

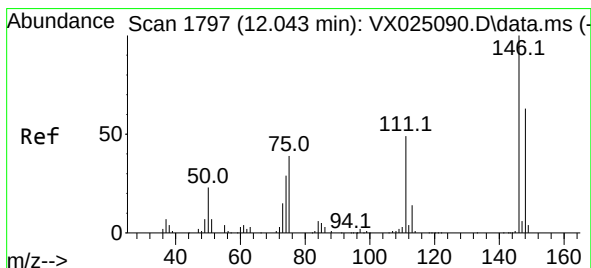
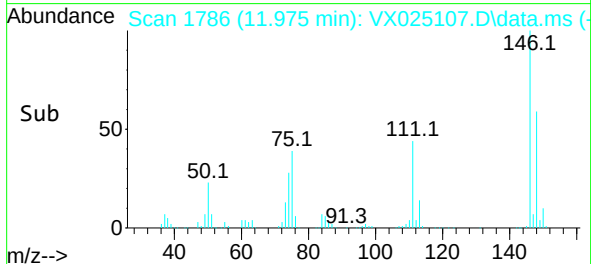
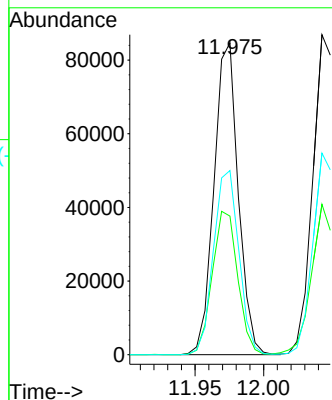
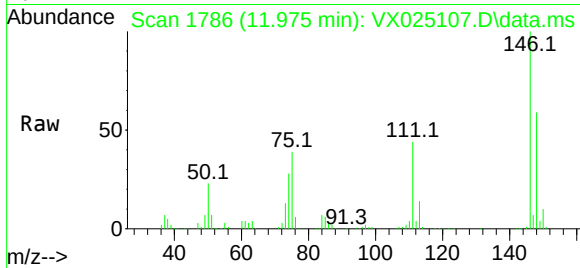




#64
1,3-Dichlorobenzene
Concen: 50.021 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

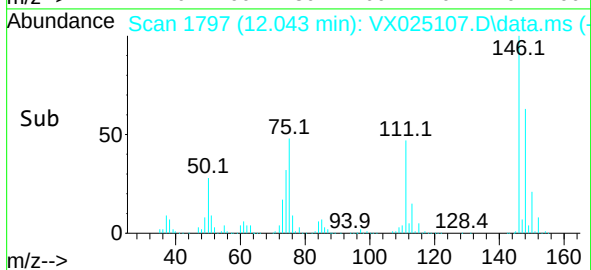
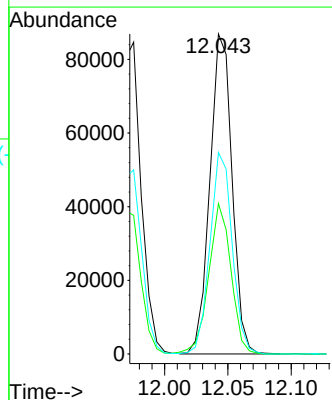
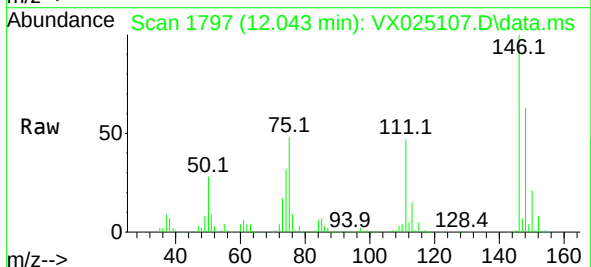
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

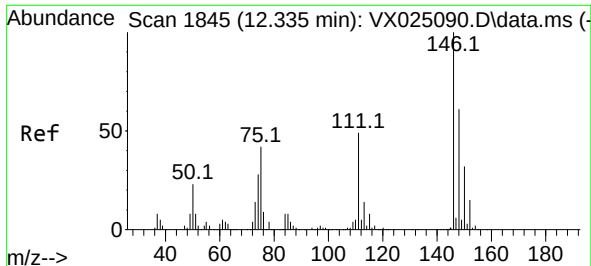
Tgt Ion:146 Resp: 104404
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.9
148 59.1 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 49.957 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion:146 Resp: 106007
Ion Ratio Lower Upper
146 100
111 47.0 31.8 59.0
148 63.0 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 49.487 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050701

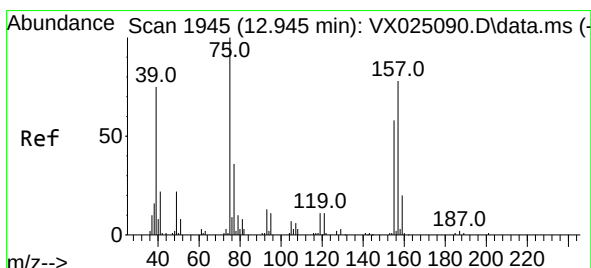
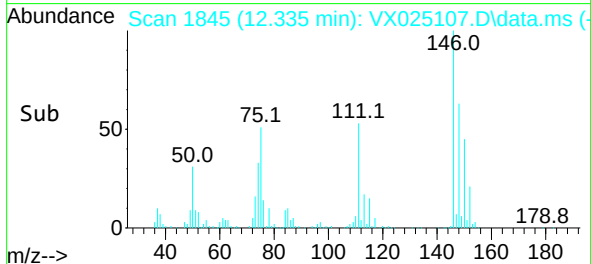
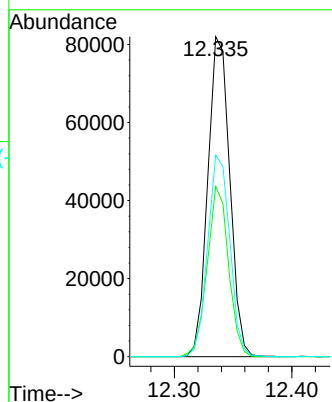
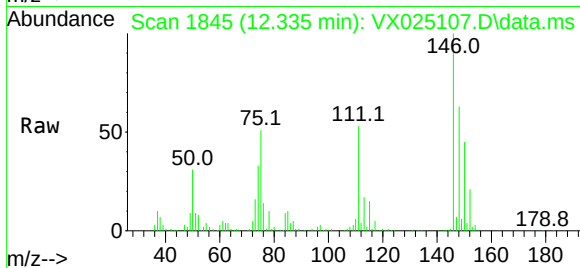
Tgt Ion:146 Resp: 106588

Ion Ratio Lower Upper

146 100

111 53.2 38.5 57.7

148 63.0 53.2 79.8



#68

1,2-Dibromo-3-chloropropane

Concen: 50.719 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

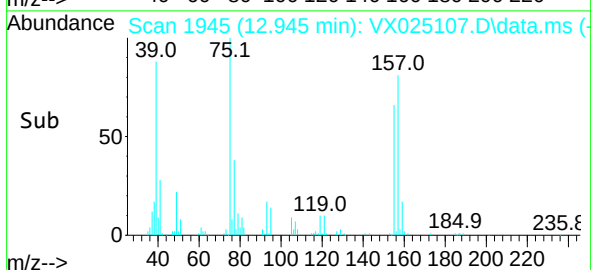
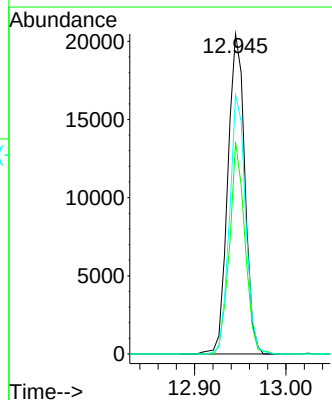
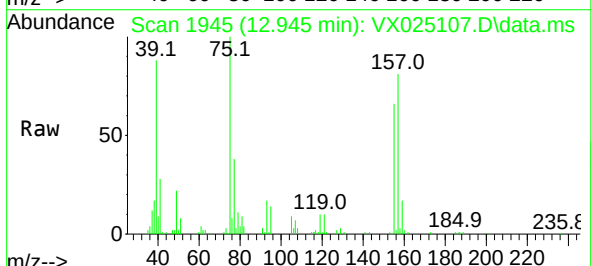
Tgt Ion: 75 Resp: 26414

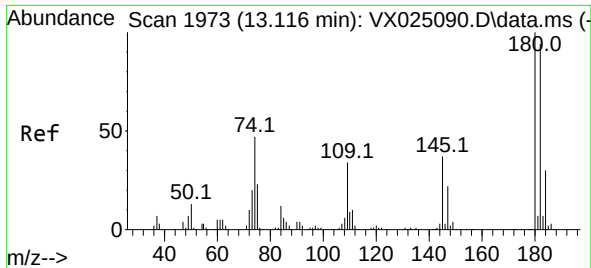
Ion Ratio Lower Upper

75 100

155 66.3 59.3 88.9

157 80.9 68.7 103.1

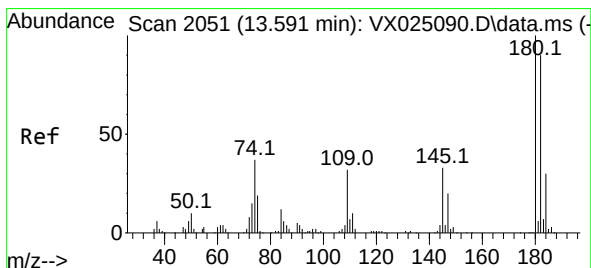
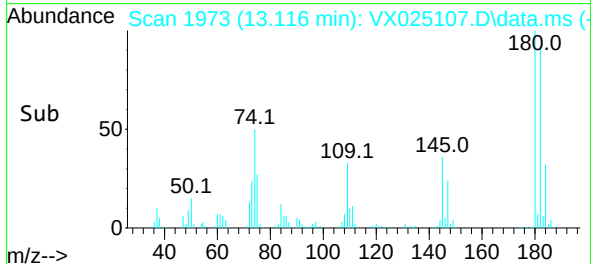
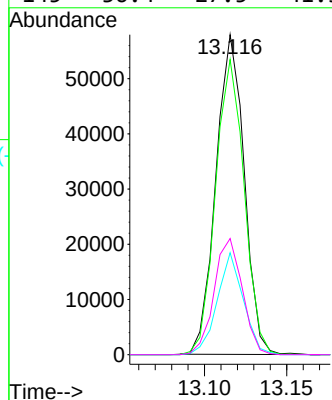
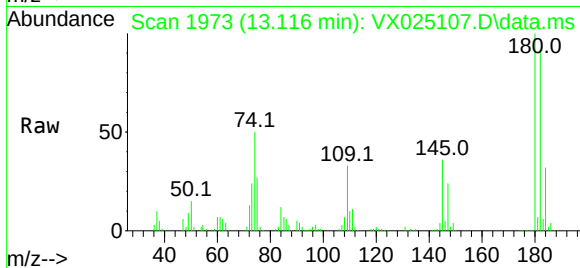




#69
1,3,5-Trichlorobenzene
Concen: 46.176 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

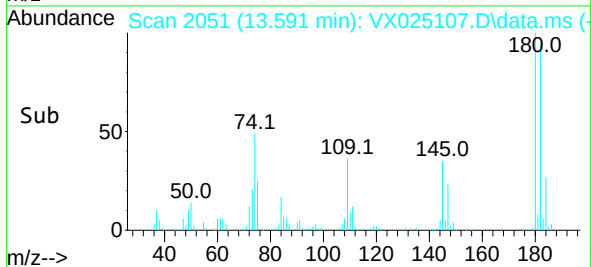
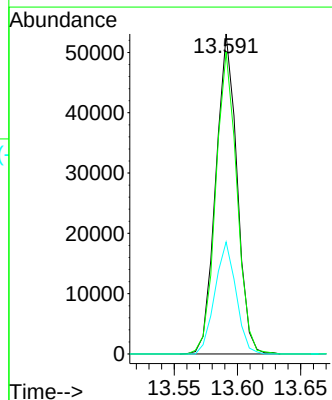
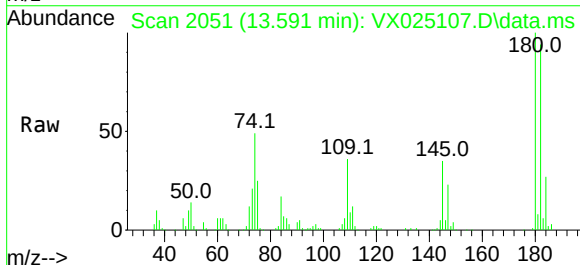
Instrument :
MSVOA_X
ClientSampleId :
VSTD050701

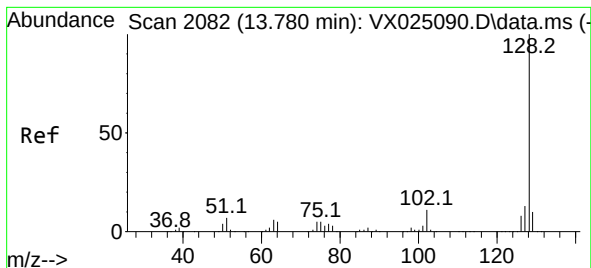
Tgt Ion:180 Resp: 69100
Ion Ratio Lower Upper
180 100
182 93.6 74.2 111.4
184 29.6 23.7 35.5
145 36.4 27.5 41.3



#70
1,2,4-trichlorobenzene
Concen: 48.064 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025107.D
Acq: 08 Nov 2021 19:50

Tgt Ion:180 Resp: 61600
Ion Ratio Lower Upper
180 100
182 94.0 76.4 114.6
145 34.8 28.8 43.2





#71

Naphthalene

Concen: 55.007 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTD050701

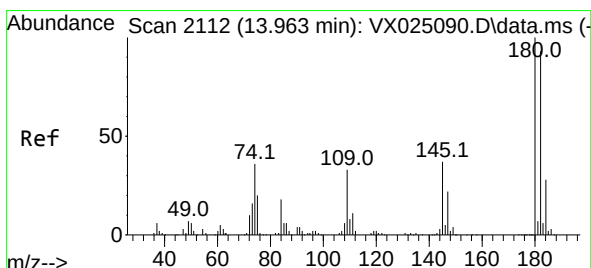
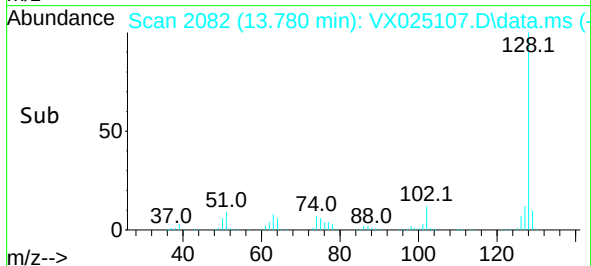
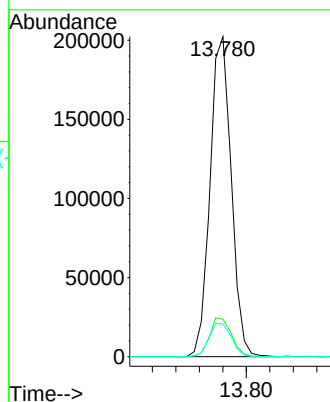
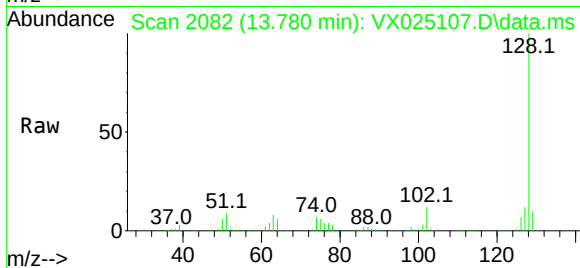
Tgt Ion:128 Resp: 253664

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 11.1 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 49.709 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX025107.D

Acq: 08 Nov 2021 19:50

Tgt Ion:180 Resp: 62501

Ion Ratio Lower Upper

180 100

182 93.1 73.3 109.9

145 38.7 29.0 43.4

