

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081122\
 Data File : VX030580.D
 Acq On : 11 Aug 2022 17:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050778

Quant Time: Aug 12 04:20:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 04:17:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	236739	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	217651	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111877	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	69565	45.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.520%
7) Chloroethane-d5	1.666	69	60560	56.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.020%
11) 1,1-Dichloroethene-d2	2.306	63	154837	53.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.680%
21) 2-Butanone-d5	4.477	46	193924	137.668	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	137.670%#
24) Chloroform-d	5.068	84	183778	58.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.440%
26) 1,2-Dichloroethane-d4	5.964	65	126899	59.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.440%
32) Benzene-d6	5.976	84	333902	53.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.120%
36) 1,2-Dichloropropane-d6	7.318	67	114864	56.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.580%
41) Toluene-d8	8.653	98	304579	51.828	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.660%
43) trans-1,3-Dichloroprop...	8.952	79	54494	54.154	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.300%
47) 2-Hexanone-d5	9.391	63	131648	127.685	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.680%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	166201	62.546	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	125.100%#
66) 1,2-Dichlorobenzene-d4	12.323	152	117051	53.941	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93772	52.639	ug/L	100
3) Chloromethane	1.294	50	72102	47.071	ug/L	97
5) Vinyl chloride	1.374	62	80107	48.961	ug/L	99
6) Bromomethane	1.611	94	15661	20.369	ug/L	92
8) Chloroethane	1.685	64	53155	57.035	ug/L	97
9) Trichlorofluoromethane	1.886	101	130661	54.034	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	81814	56.884	ug/L	97
12) 1,1-Dichloroethene	2.319	96	72485	54.704	ug/L	83
13) Acetone	2.398	43	122578	118.733	ug/L	99
14) Carbon disulfide	2.514	76	205776	47.914	ug/L	99
15) Methyl Acetate	2.715	43	127355	59.598	ug/L	97
16) Methylene chloride	2.794	84	91744	54.604	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	79859	52.022	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	296019	56.704	ug/L	99
19) 1,1-Dichloroethane	3.611	63	171828	57.873	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	94293	54.604	ug/L	97
22) 2-Butanone	4.574	43	197174	121.069	ug/L	97
23) Bromochloromethane	4.904	128	45705	52.778	ug/L	91
25) Chloroform	5.105	83	180042	57.714	ug/L	97

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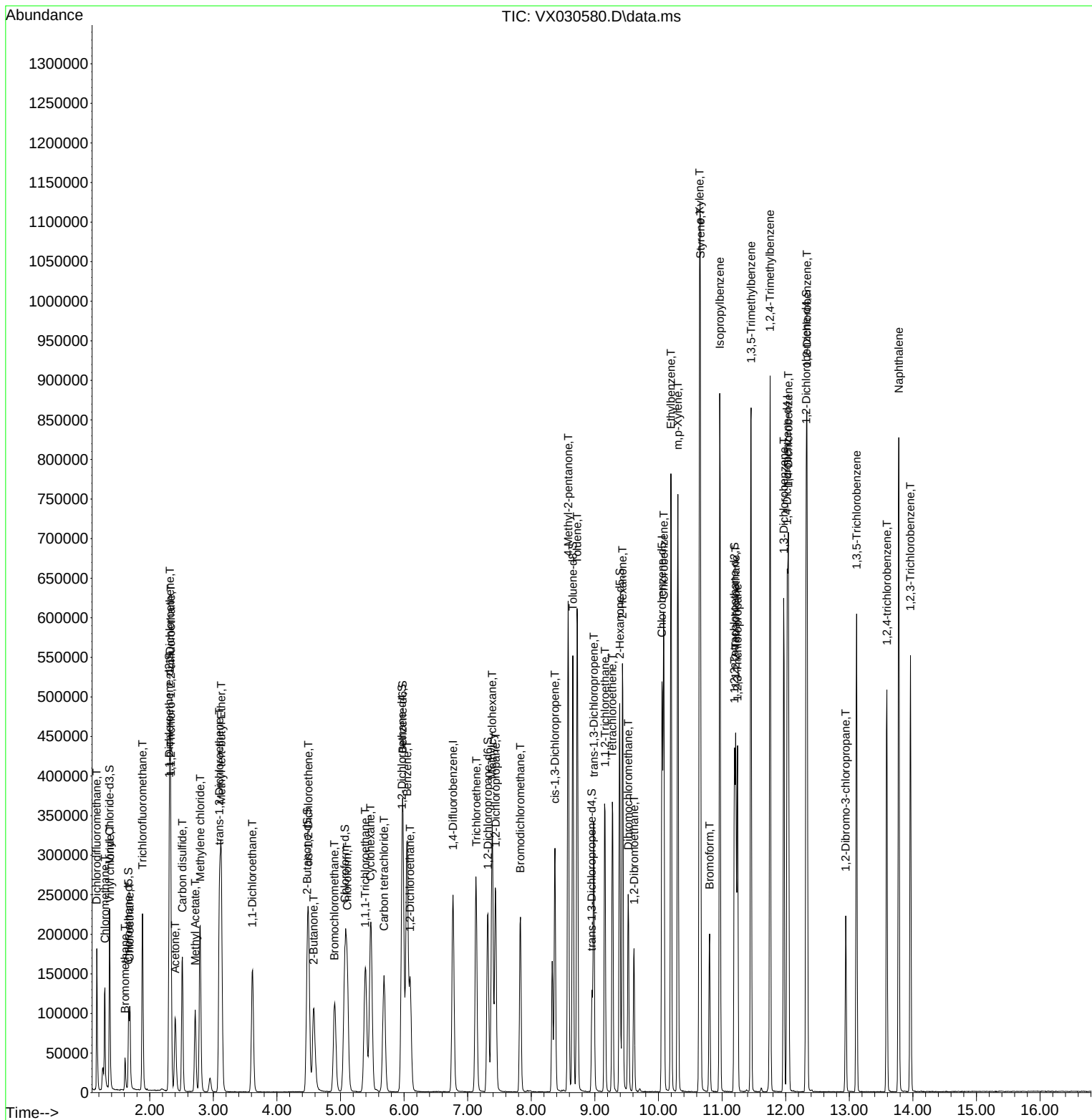
Instrument :
 MSVOA_X
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 VSTD050778

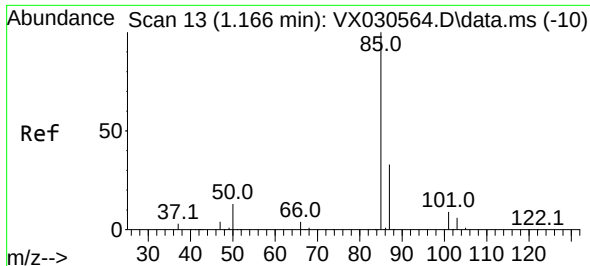
Quant Time: Aug 12 04:20:52 2022
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 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 04:17:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	151562	58.374	ug/L	95
29) Cyclohexane	5.471	56	144919	50.084	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	151774	52.866	ug/L	99
31) Carbon tetrachloride	5.684	117	128085	54.055	ug/L	99
33) Benzene	6.050	78	372384	53.363	ug/L	100
34) Trichloroethene	7.135	95	102843	50.884	ug/L	95
35) Methylcyclohexane	7.385	83	142871	48.557	ug/L	98
37) 1,2-Dichloropropane	7.440	63	102635	55.316	ug/L #	95
38) Bromodichloromethane	7.830	83	139500	56.808	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	149144	53.885	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	378930	117.275	ug/L	98
42) Toluene	8.720	91	389104	52.782	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	149565	55.209	ug/L	99
45) 1,1,2-Trichloroethane	9.159	97	94863	54.984	ug/L	97
46) Tetrachloroethene	9.275	164	63448	49.673	ug/L	93
48) 2-Hexanone	9.433	43	302579	120.525	ug/L	98
49) Dibromochloromethane	9.525	129	100350	54.672	ug/L	97
50) 1,2-Dibromoethane	9.616	107	99058	52.210	ug/L	94
51) Chlorobenzene	10.086	112	239074	52.055	ug/L	99
52) Ethylbenzene	10.195	91	432965	53.865	ug/L	98
53) m,p-Xylene	10.305	106	159889	53.368	ug/L	97
54) o-Xylene	10.646	106	156085	52.282	ug/L	98
55) Styrene	10.659	104	276422	54.990	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	159017	60.574	ug/L	95
59) Bromoform	10.805	173	68083	55.883	ug/L	99
60) Isopropylbenzene	10.963	105	417880	52.695	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	133569	55.593	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	367503	54.282	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	368111	53.839	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	176163	51.102	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	184974	52.784	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	186233	52.241	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	43554	54.955	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	124725	51.592	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	106181	50.011	ug/L	96
71) Naphthalene	13.780	128	465262	52.940	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	110647	49.337	ug/L	96

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

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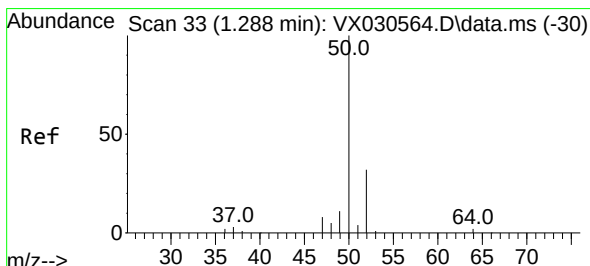
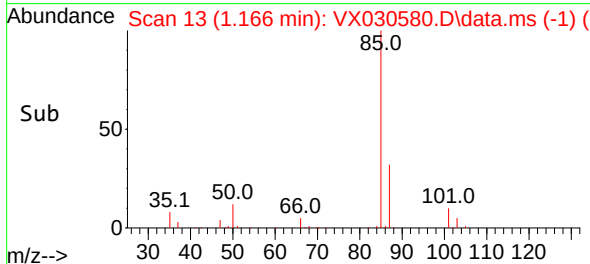
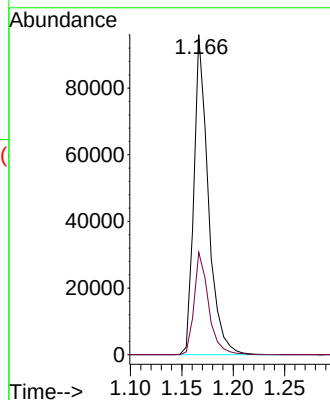
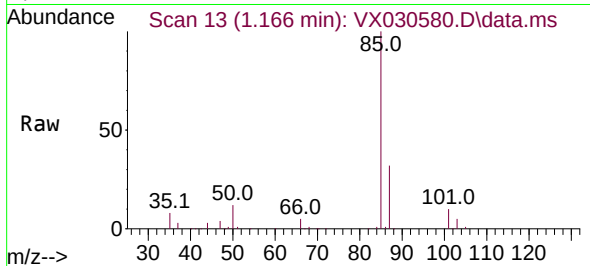




#2
 Dichlorodifluoromethane
 Concen: 52.639 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030580.D
 Acq: 11 Aug 2022 17:51

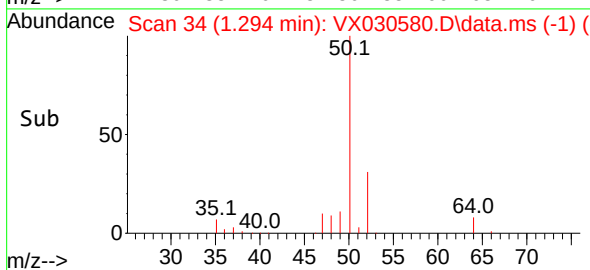
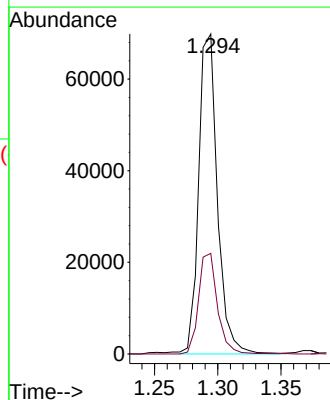
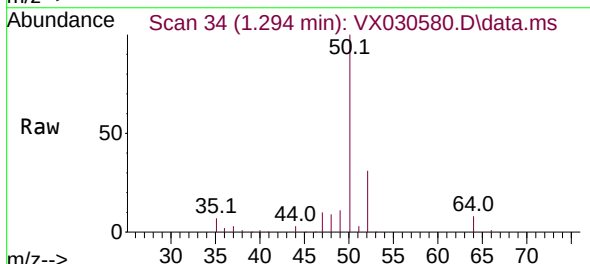
Instrument :
 MSVOA_X
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 VSTD050778

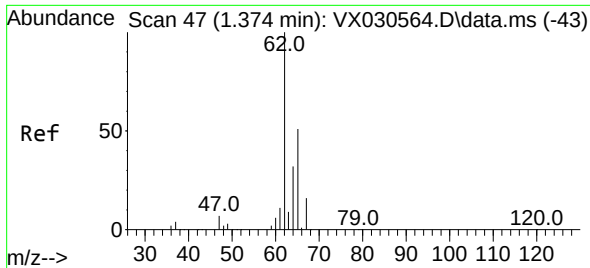
Tgt Ion: 85 Resp: 93772
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 47.071 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VX030580.D
 Acq: 11 Aug 2022 17:51

Tgt Ion: 50 Resp: 72102
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.3 43.3

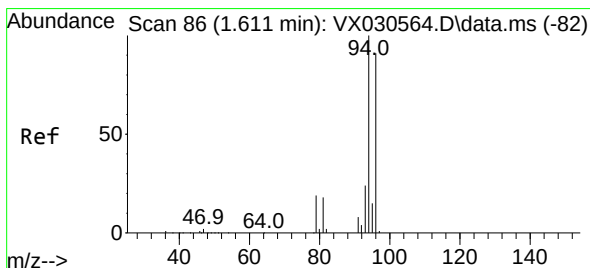
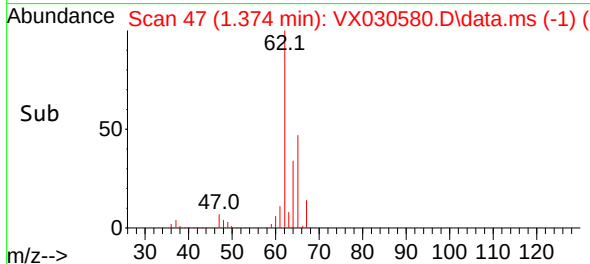
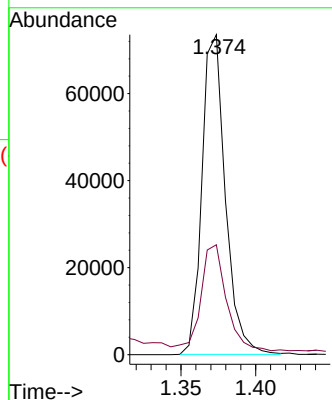
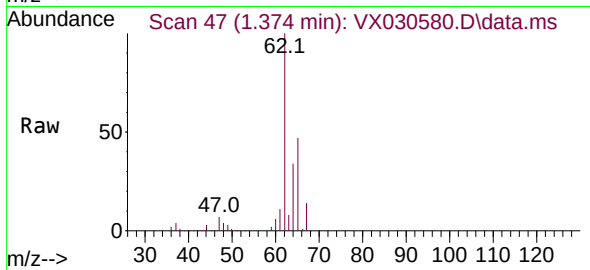




#5
 Vinyl chloride
 Concen: 48.961 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030580.D
 Acq: 11 Aug 2022 17:51

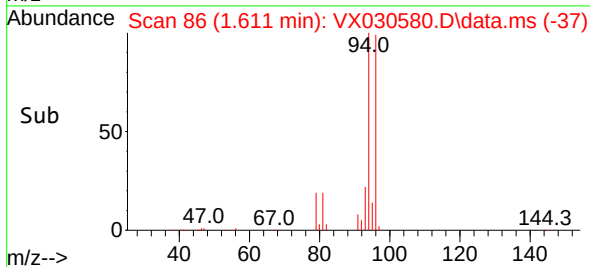
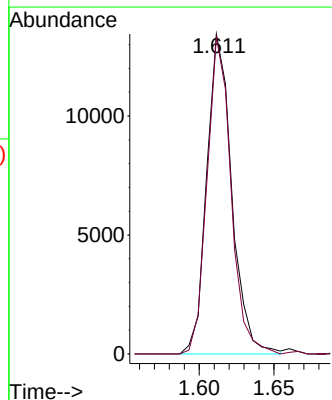
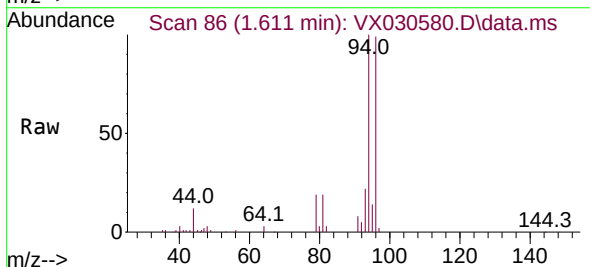
Instrument :
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 ClientSampleId :
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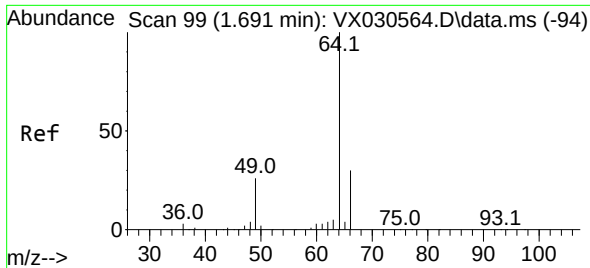
Tgt Ion: 62 Resp: 80107
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.8 44.2



#6
 Bromomethane
 Concen: 20.369 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030580.D
 Acq: 11 Aug 2022 17:51

Tgt Ion: 94 Resp: 15661
 Ion Ratio Lower Upper
 94 100
 96 99.0 63.8 118.6

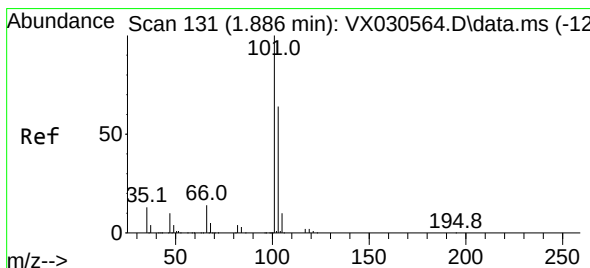
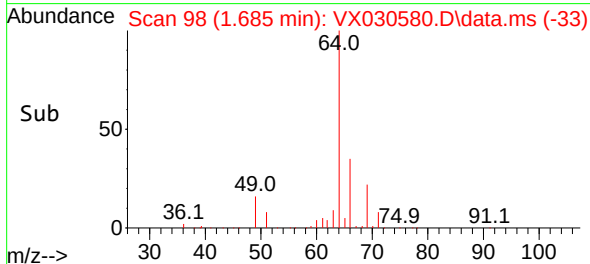
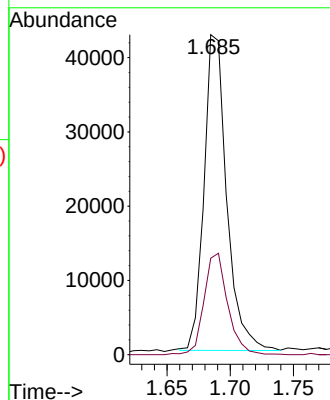
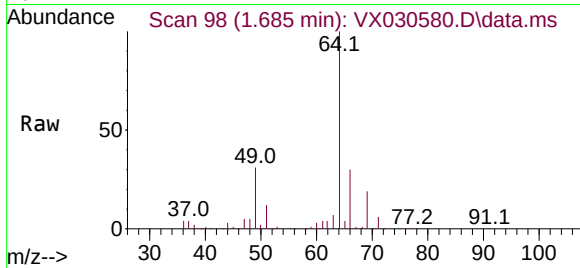




#8
Chloroethane
Concen: 57.035 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

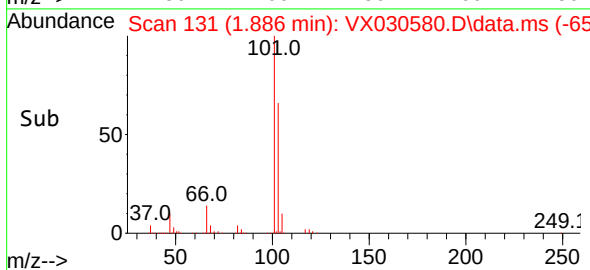
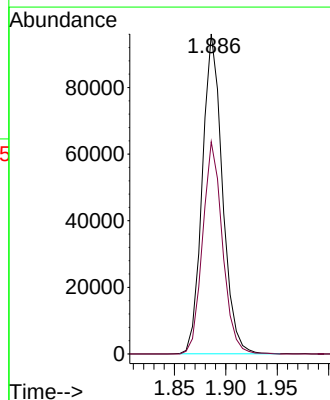
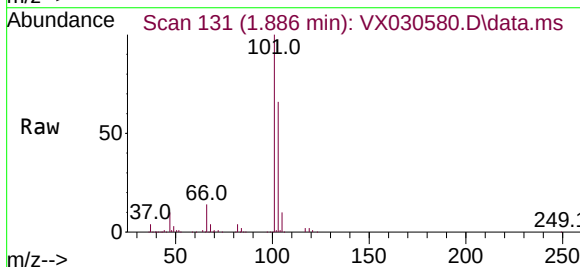
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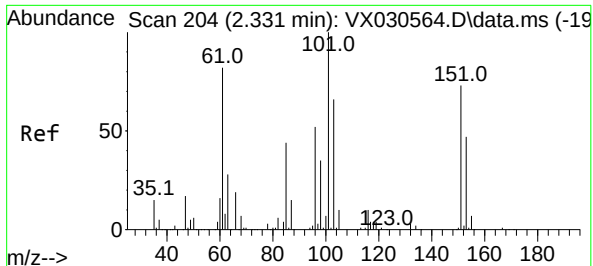
Tgt Ion: 64 Resp: 53155
Ion Ratio Lower Upper
64 100
66 30.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 54.034 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 101 Resp: 130661
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

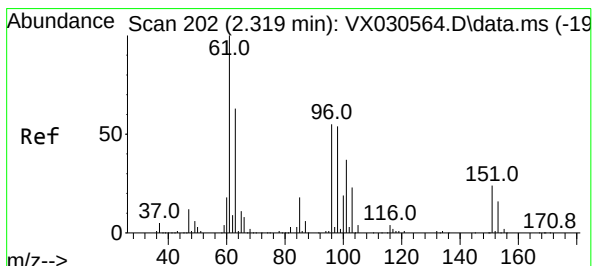
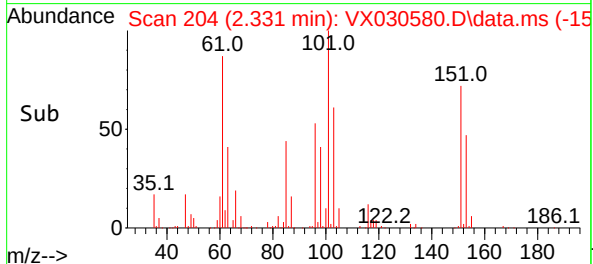
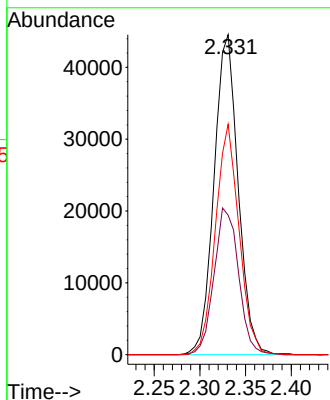
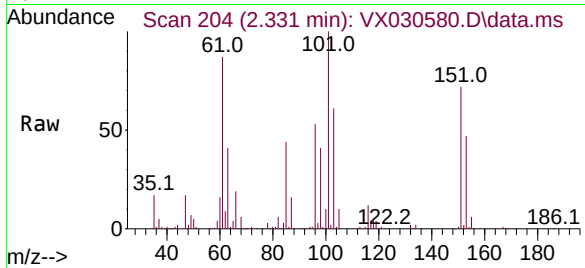




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.884 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030580.D
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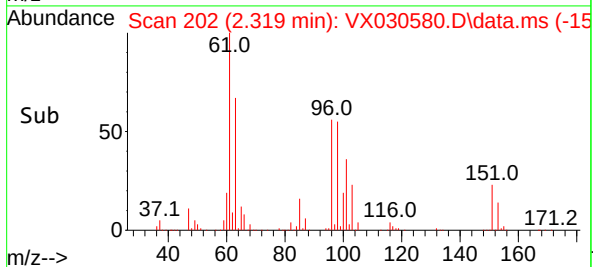
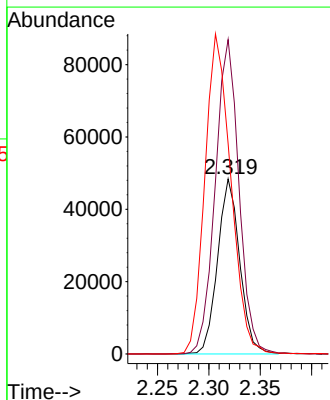
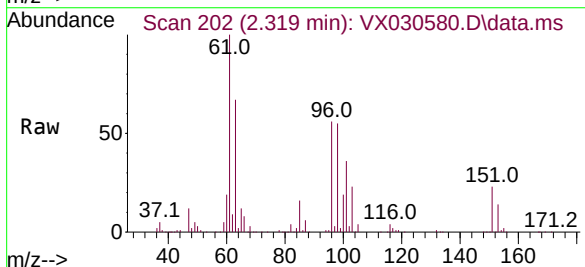
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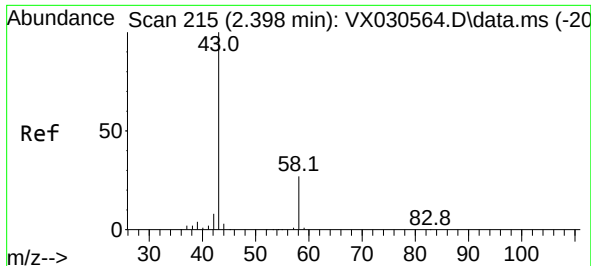
Tgt Ion:101 Resp: 81814
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.3 52.9
 151 70.5 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 54.704 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030580.D
 Acq: 11 Aug 2022 17:51

Tgt Ion: 96 Resp: 72485
 Ion Ratio Lower Upper
 96 100
 61 179.6 130.2 241.8
 63 120.2 113.5 210.9





#13

Acetone

Concen: 118.733 ug/L

RT: 2.398 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

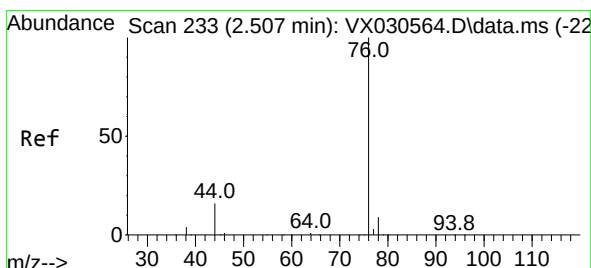
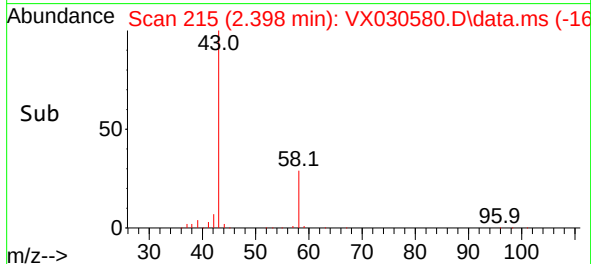
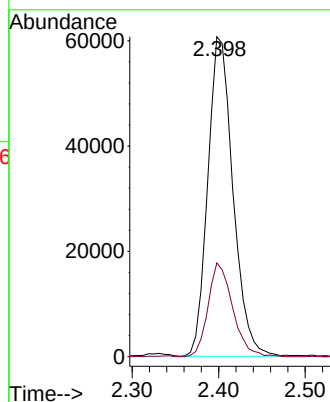
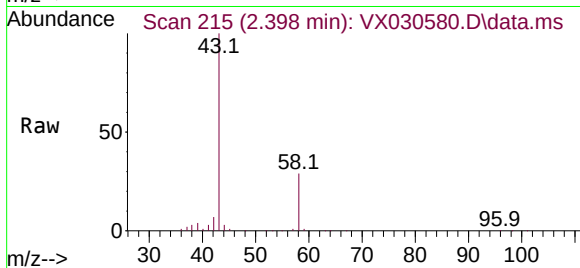
VSTD050778

Tgt Ion: 43 Resp: 122578

Ion Ratio Lower Upper

43 100

58 28.5 0.0 57.8



#14

Carbon disulfide

Concen: 47.914 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX030580.D

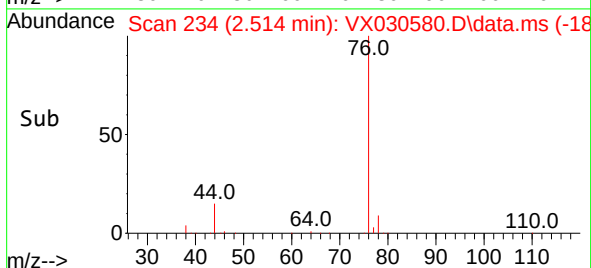
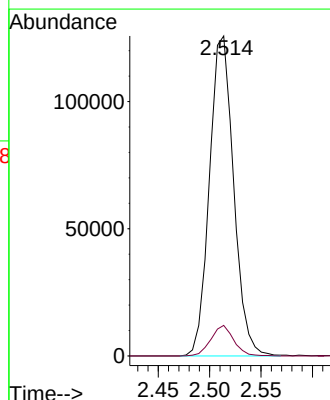
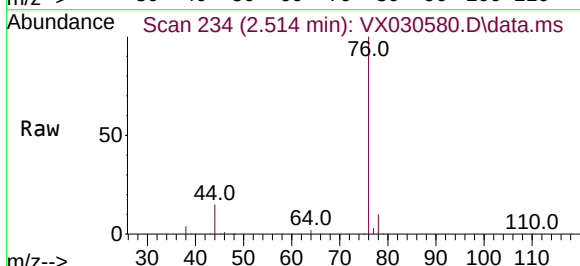
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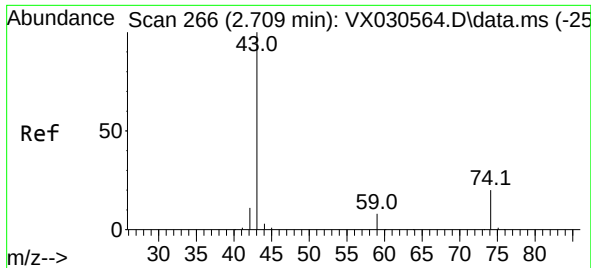
Tgt Ion: 76 Resp: 205776

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

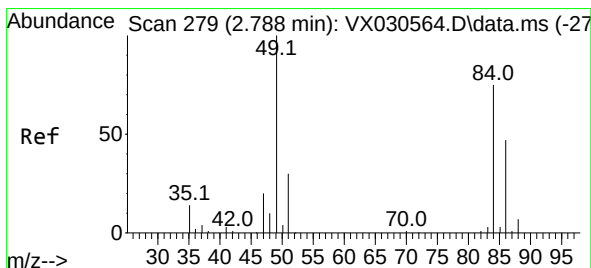
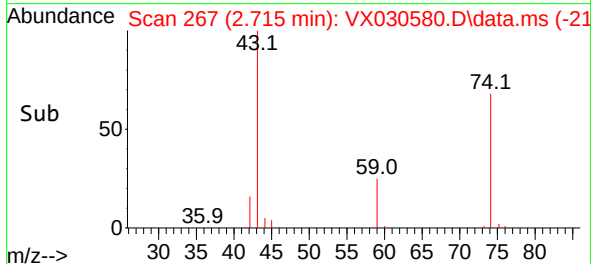
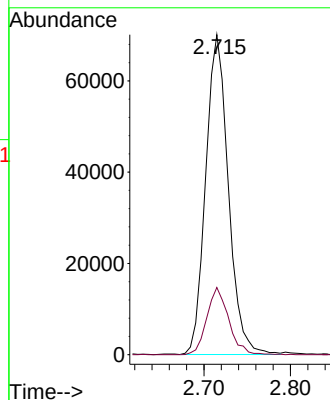
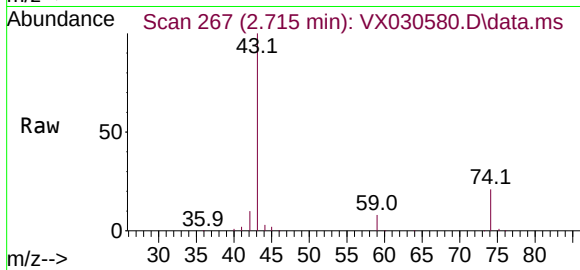




#15
Methyl Acetate
Concen: 59.598 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

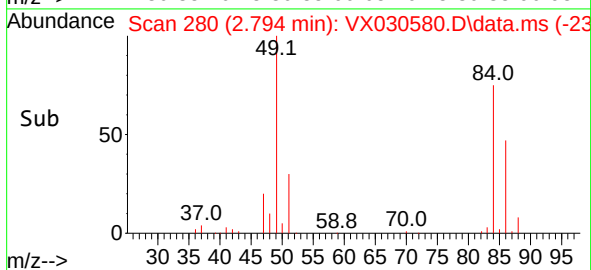
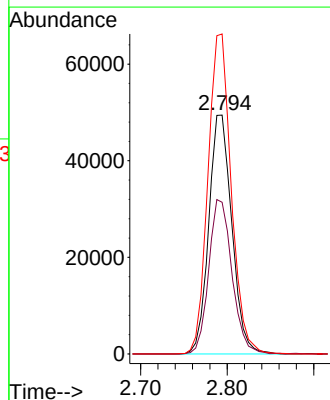
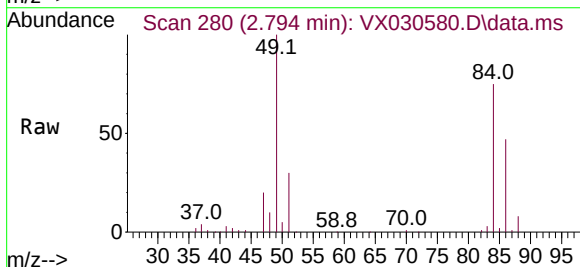
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

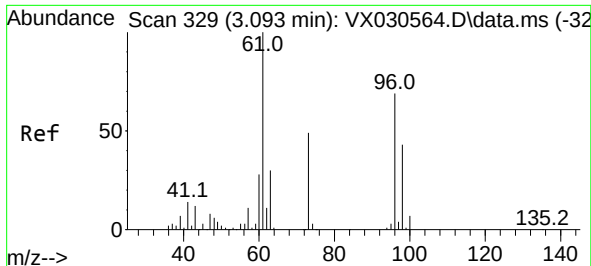
Tgt Ion: 43 Resp: 127355
Ion Ratio Lower Upper
43 100
74 20.3 17.2 25.8



#16
Methylene chloride
Concen: 54.604 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 84 Resp: 91744
Ion Ratio Lower Upper
84 100
86 63.5 44.2 82.2
49 133.9 89.0 165.2

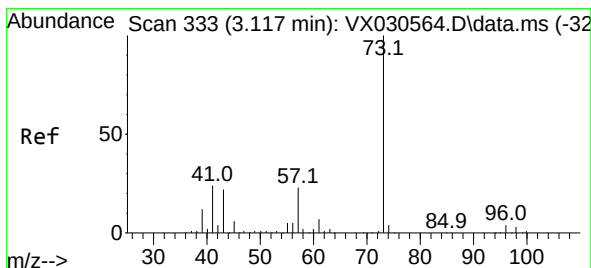
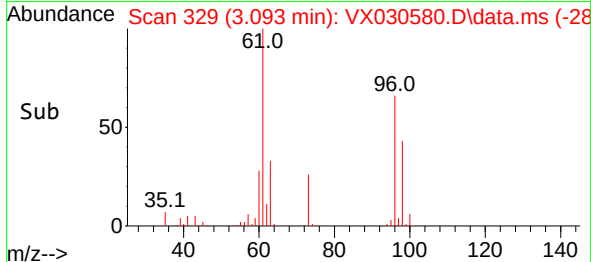
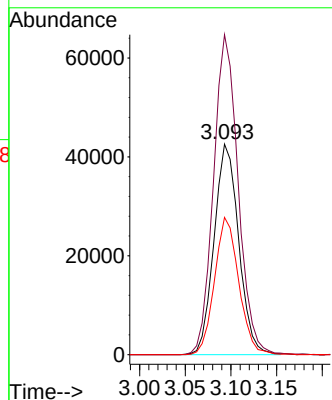
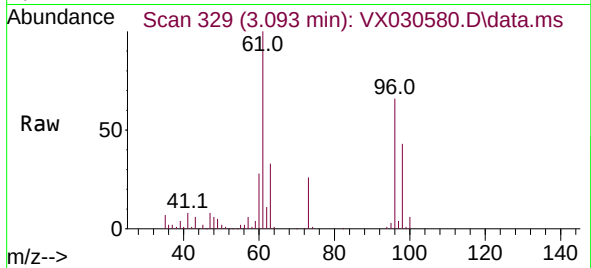




#17
trans-1,2-Dichloroethene
Concen: 52.022 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

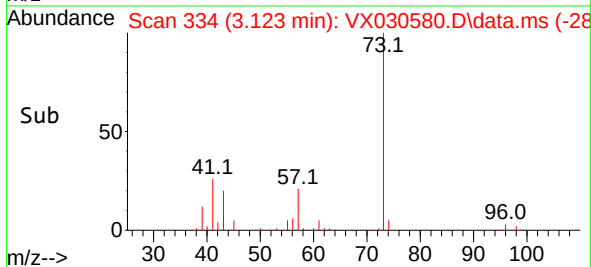
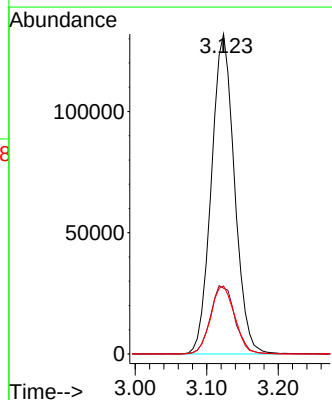
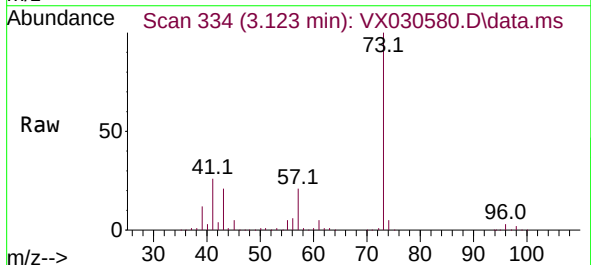
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

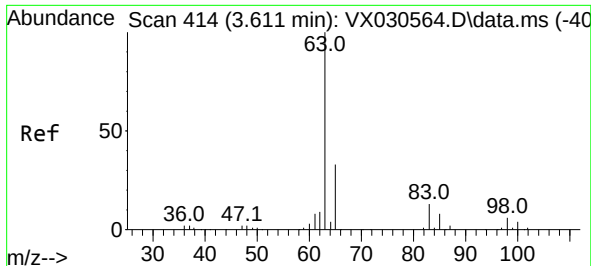
Tgt Ion: 96 Resp: 79859
Ion Ratio Lower Upper
96 100
61 152.0 103.7 192.5
98 65.2 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 56.704 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 73 Resp: 296019
Ion Ratio Lower Upper
73 100
43 22.6 17.6 26.4
57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 57.873 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTD050778

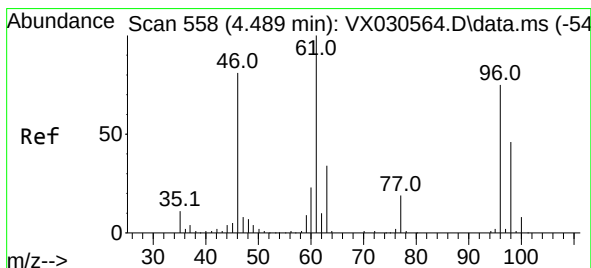
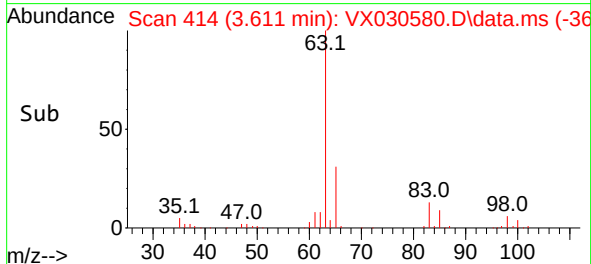
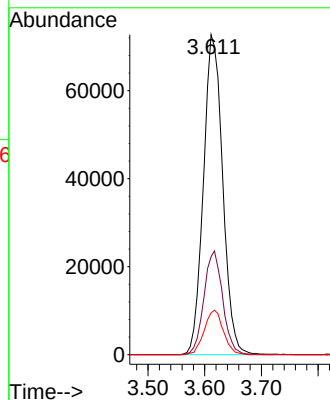
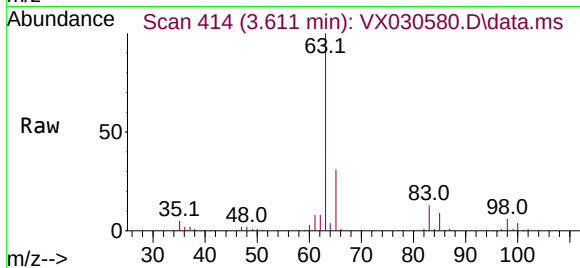
Tgt Ion: 63 Resp: 171828

Ion Ratio Lower Upper

63 100

65 30.6 22.0 40.8

83 13.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 54.604 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

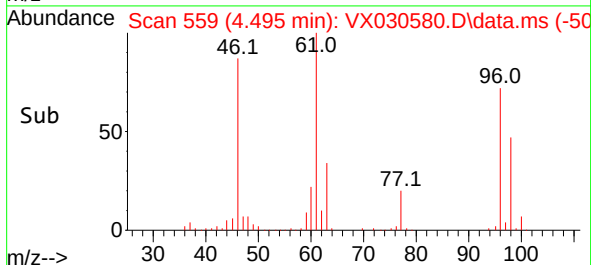
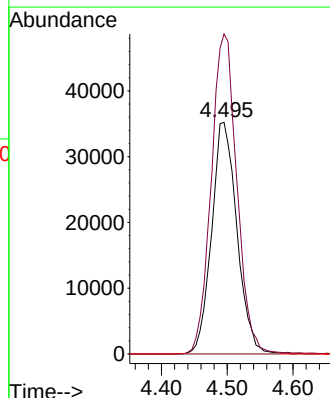
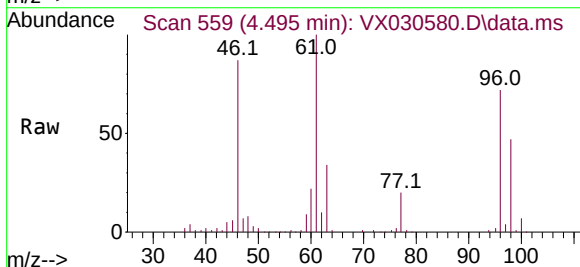
Tgt Ion: 96 Resp: 94293

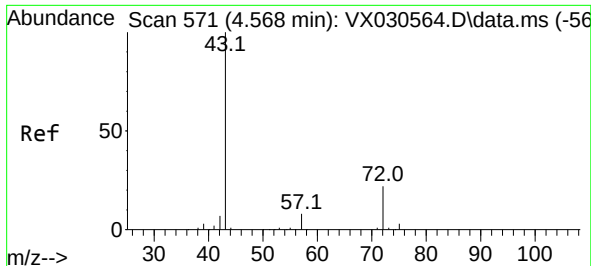
Ion Ratio Lower Upper

96 100

61 138.1 94.0 174.6

68 0.0 0.0 0.0

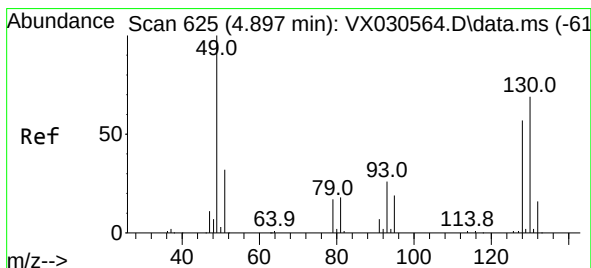
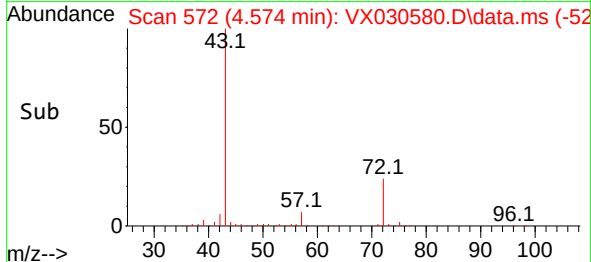
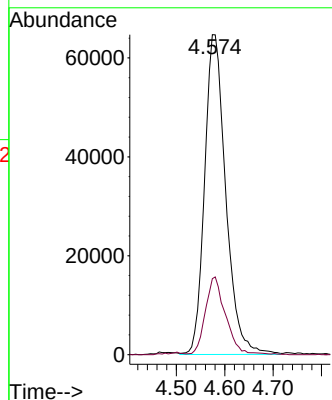
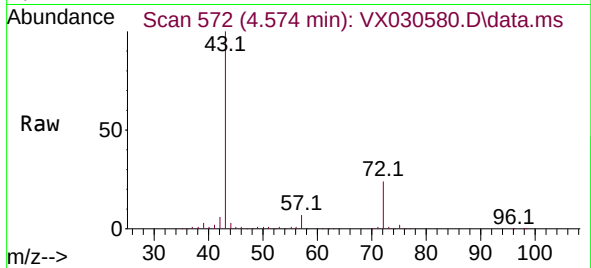




#22
2-Butanone
Concen: 121.069 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

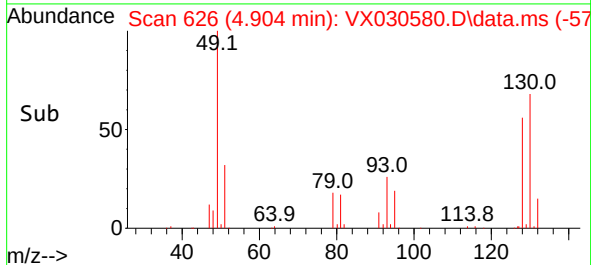
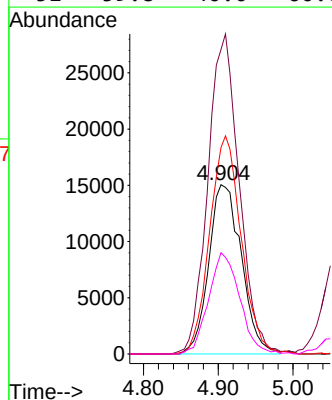
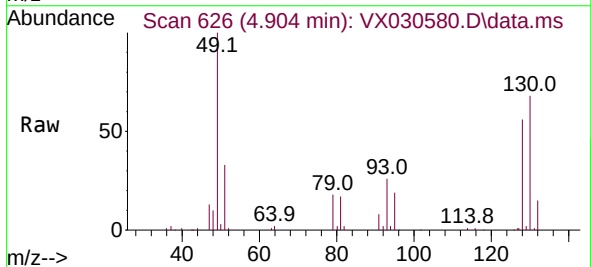
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

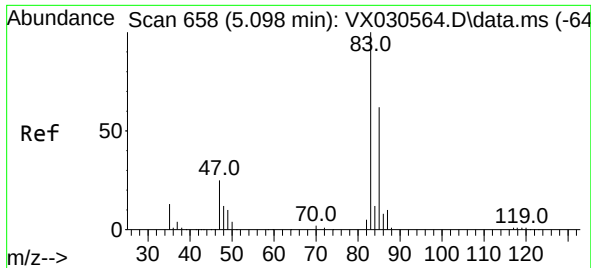
Tgt Ion: 43 Resp: 197174
Ion Ratio Lower Upper
43 100
72 22.1 11.7 35.1



#23
Bromochloromethane
Concen: 52.778 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 128 Resp: 45705
Ion Ratio Lower Upper
128 100
49 179.8 116.8 216.8
130 121.9 90.3 167.7
51 59.8 40.0 60.0

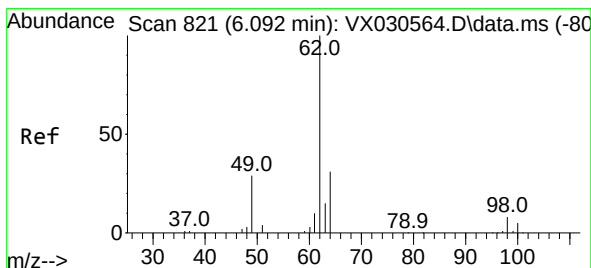
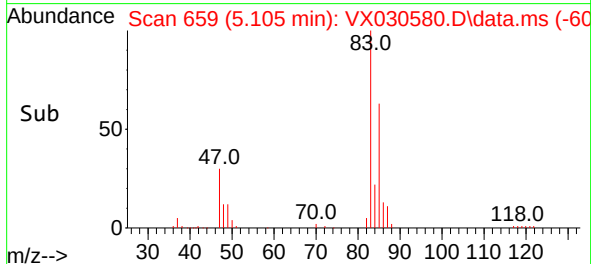
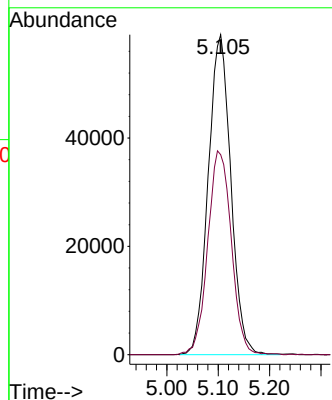
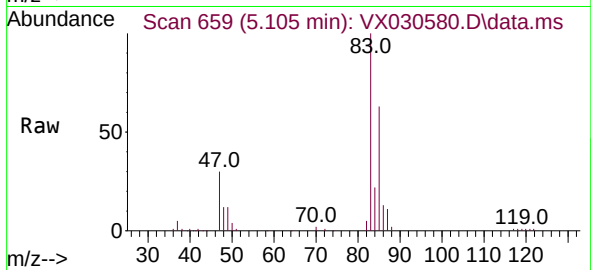




#25
Chloroform
Concen: 57.714 ug/L
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

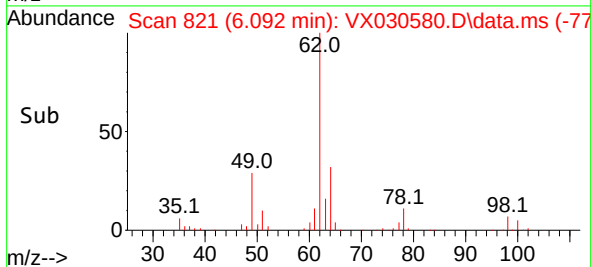
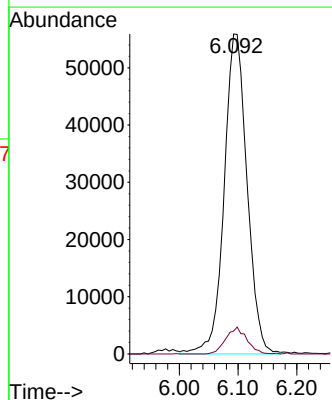
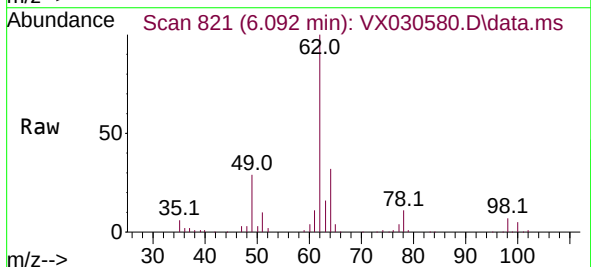
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

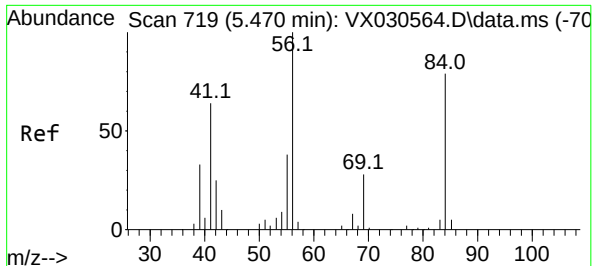
Tgt Ion: 83 Resp: 180042
Ion Ratio Lower Upper
83 100
85 62.5 45.6 84.6



#27
1,2-Dichloroethane
Concen: 58.374 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 62 Resp: 151562
Ion Ratio Lower Upper
62 100
98 7.1 7.0 10.6





#29

Cyclohexane

Concen: 50.084 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTD050778

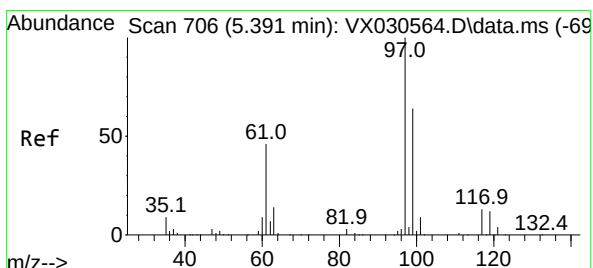
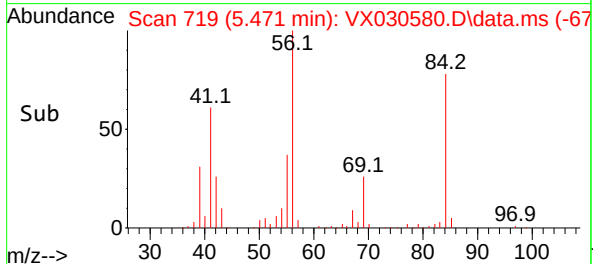
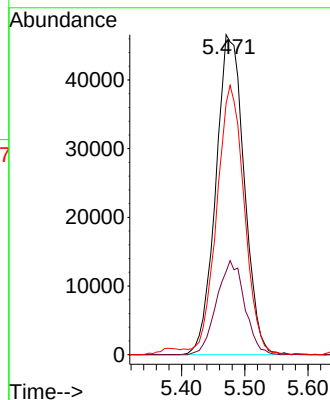
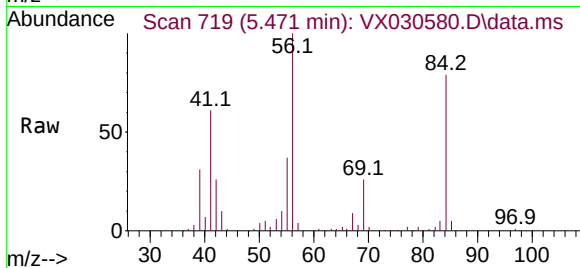
Tgt Ion: 56 Resp: 144919

Ion Ratio Lower Upper

56 100

69 29.0 24.3 36.5

84 80.6 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 52.866 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

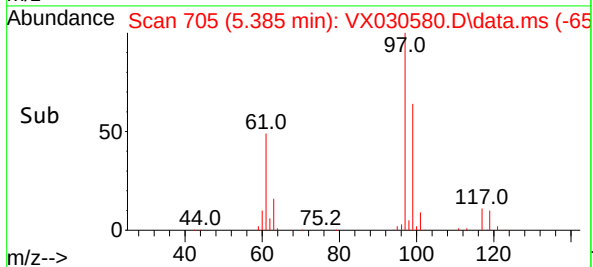
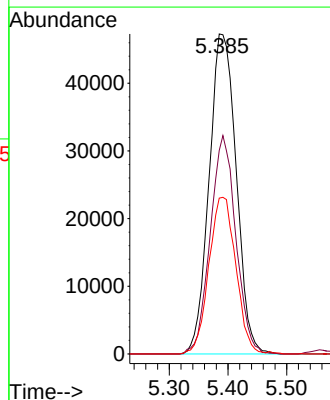
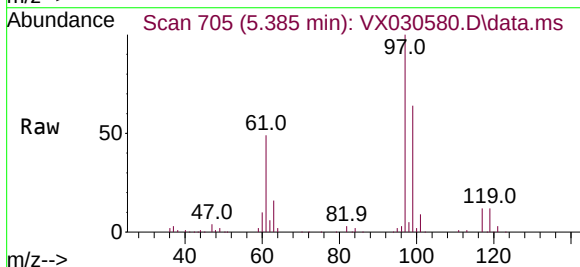
Tgt Ion: 97 Resp: 151774

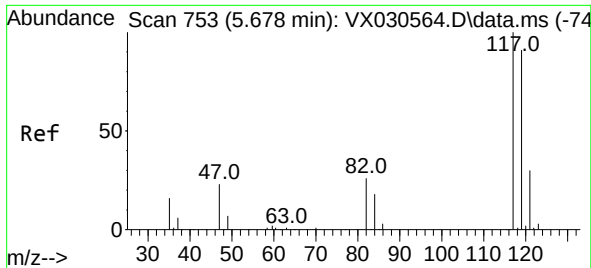
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 48.6 37.0 55.6

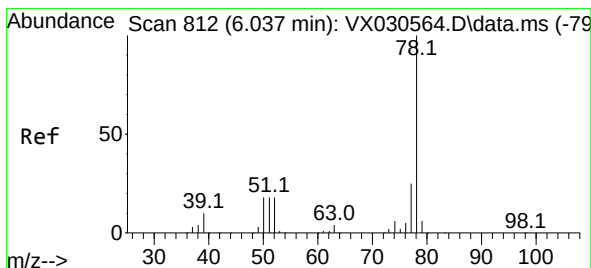
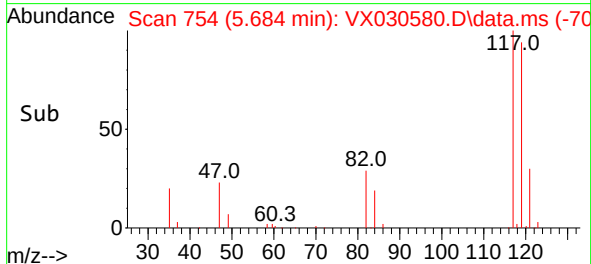
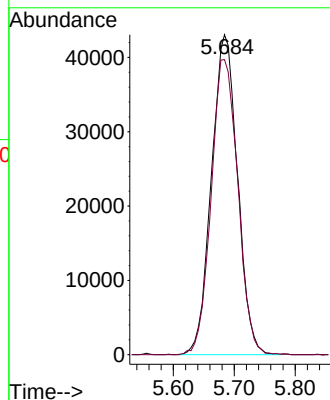
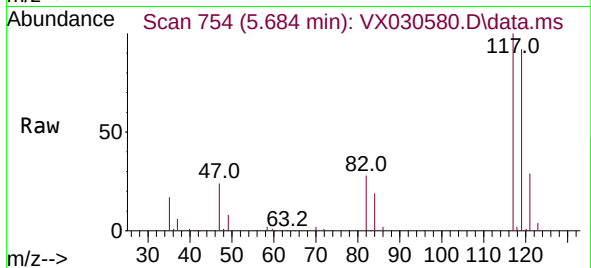




#31
Carbon tetrachloride
Concen: 54.055 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

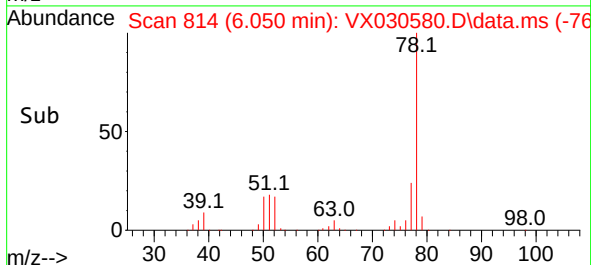
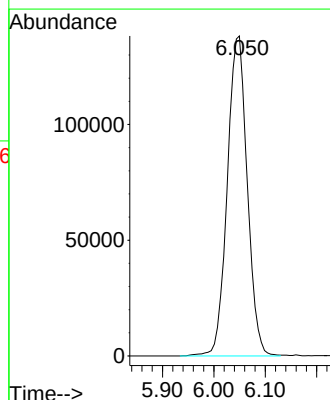
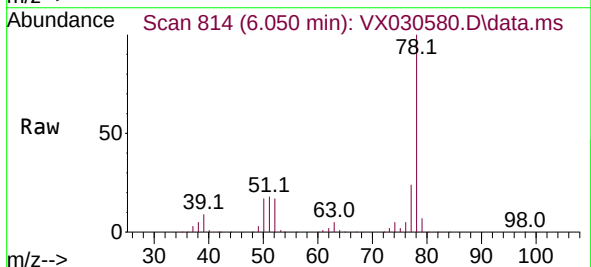
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

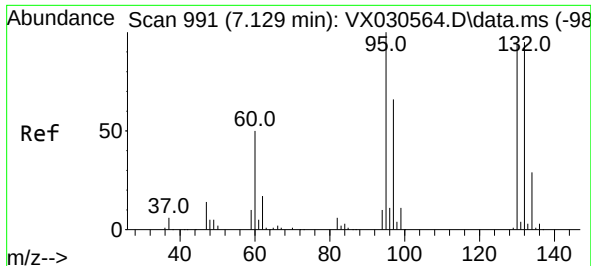
Tgt Ion:117 Resp: 128085
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2



#33
Benzene
Concen: 53.363 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 78 Resp: 372384

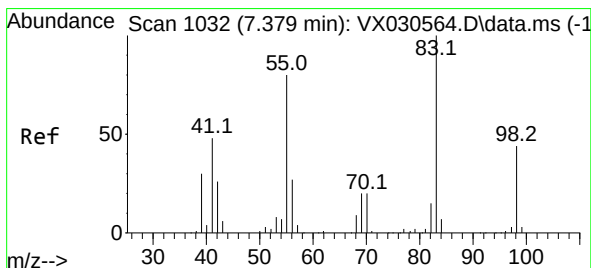
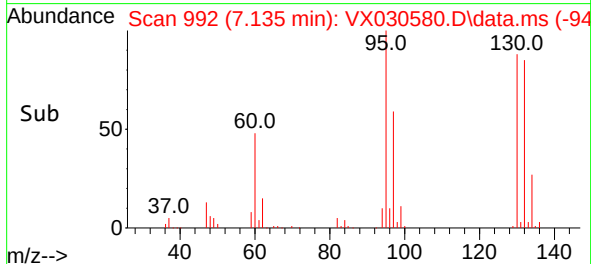
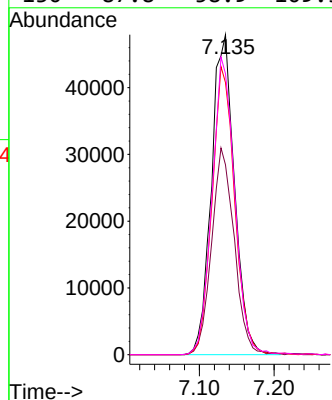
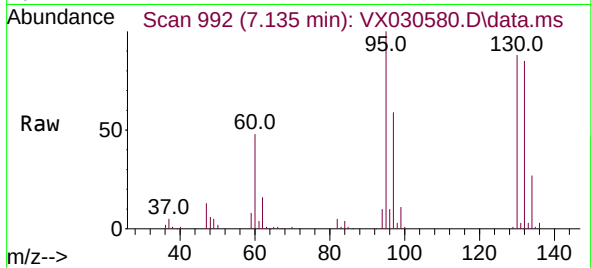




#34
Trichloroethene
Concen: 50.884 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

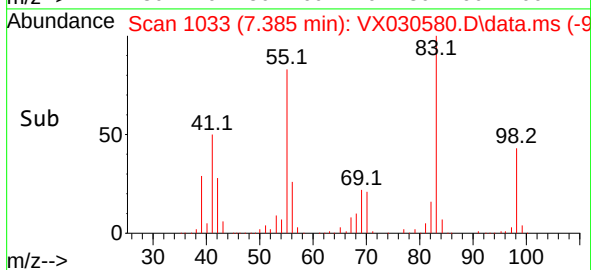
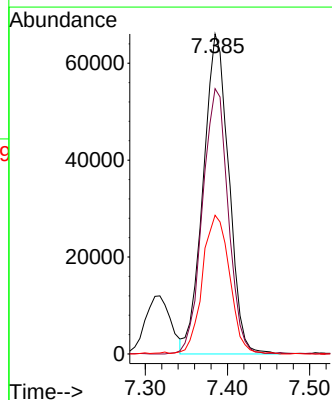
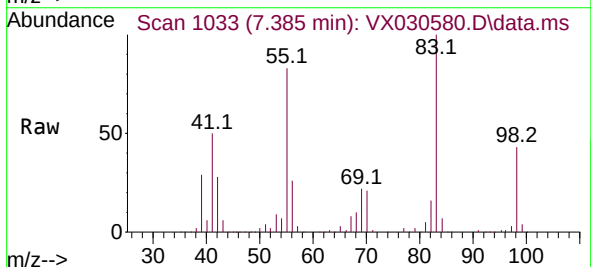
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

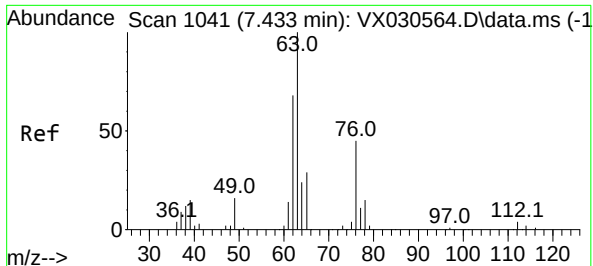
Tgt Ion: 95 Resp: 102843
Ion Ratio Lower Upper
95 100
97 59.3 40.2 74.6
132 85.1 55.3 102.7
130 87.8 58.9 109.5



#35
Methylcyclohexane
Concen: 48.557 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 83 Resp: 142871
Ion Ratio Lower Upper
83 100
55 83.3 64.0 96.0
98 46.0 36.7 55.1





#37

1,2-Dichloropropane

Concen: 55.316 ug/L

RT: 7.440 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

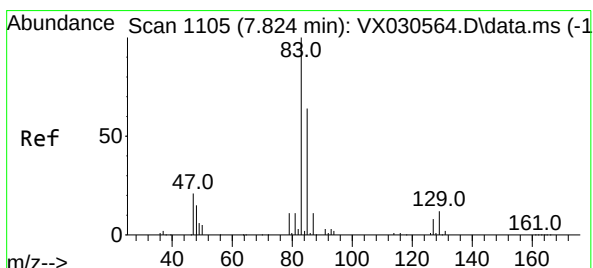
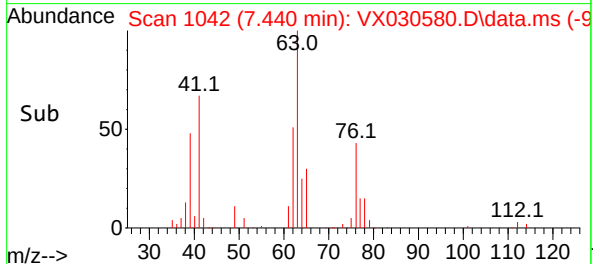
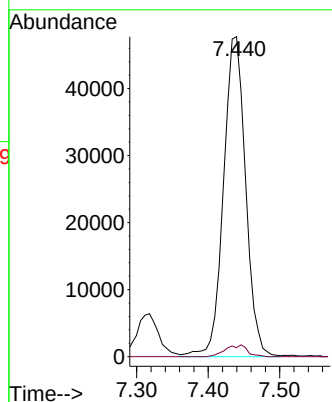
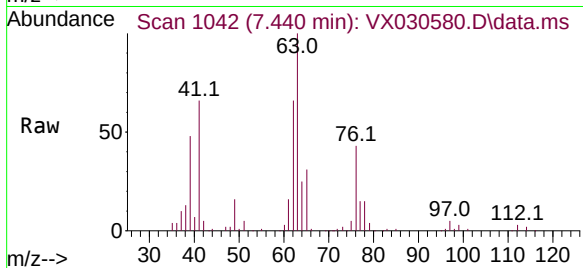
VSTD050778

Tgt Ion: 63 Resp: 102635

Ion Ratio Lower Upper

63 100

112 2.2 3.0 4.4#



#38

Bromodichloromethane

Concen: 56.808 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

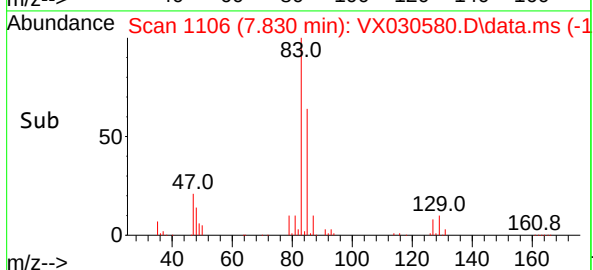
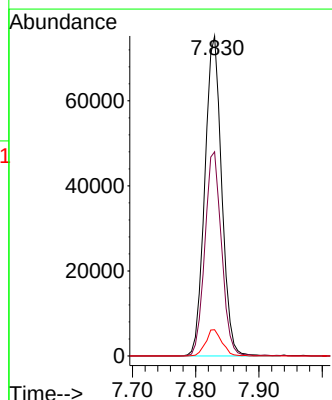
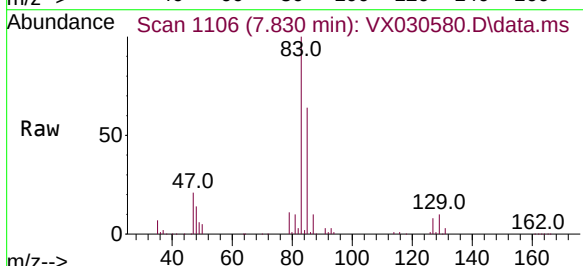
Tgt Ion: 83 Resp: 139500

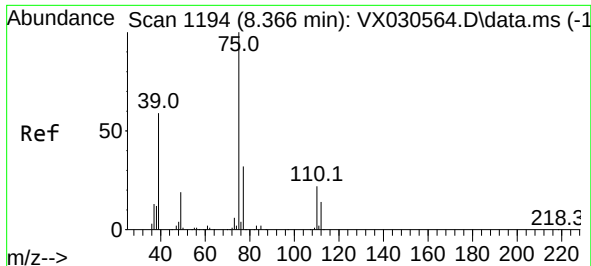
Ion Ratio Lower Upper

83 100

85 63.8 42.5 78.9

127 8.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 53.885 ug/L

RT: 8.372 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

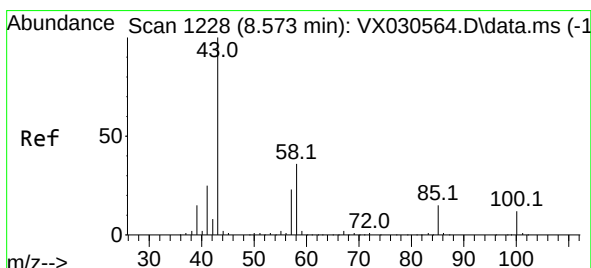
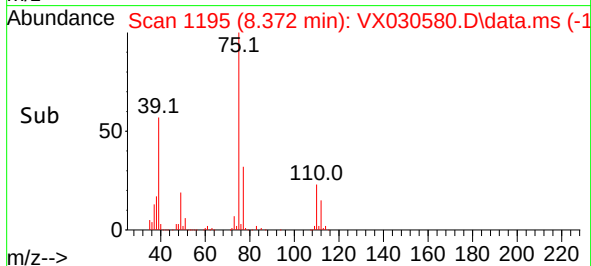
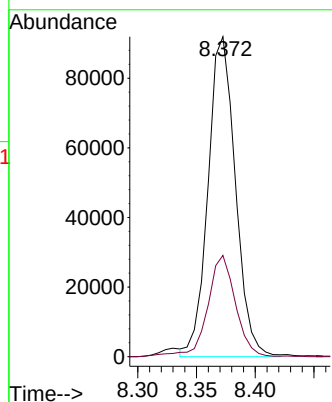
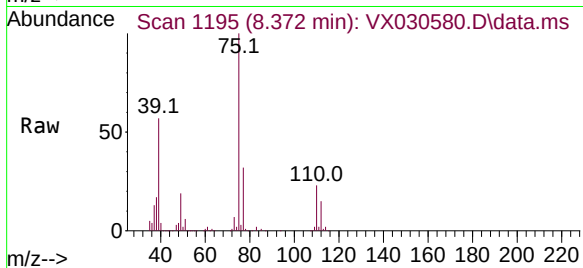
VSTD050778

Tgt Ion: 75 Resp: 149144

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 117.275 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

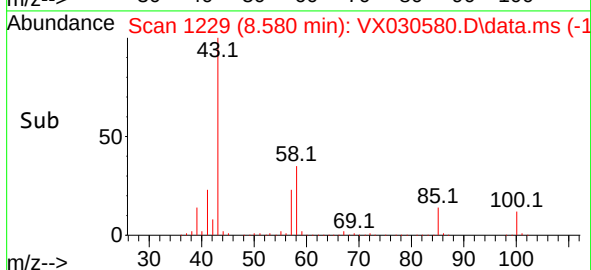
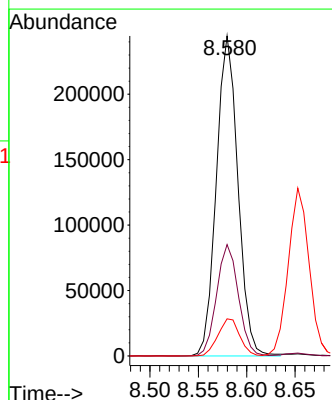
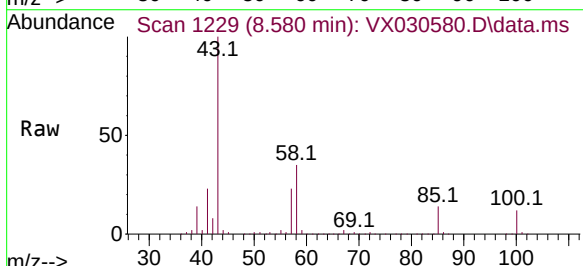
Tgt Ion: 43 Resp: 378930

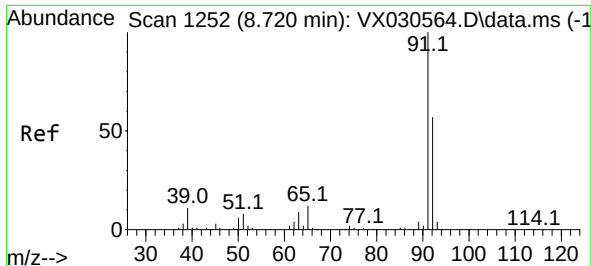
Ion Ratio Lower Upper

43 100

58 35.1 29.0 43.6

100 11.8 10.5 15.7





#42

Toluene

Concen: 52.782 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

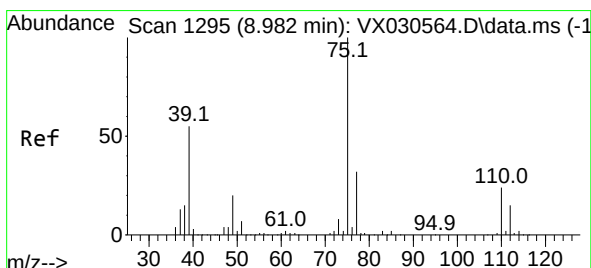
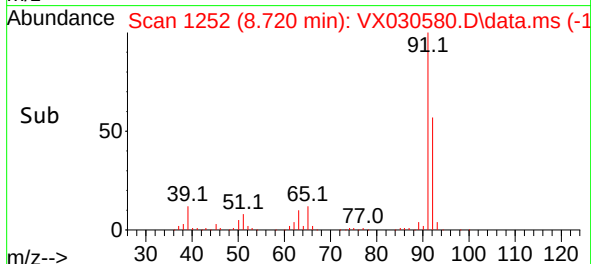
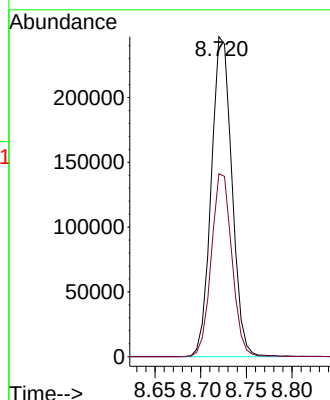
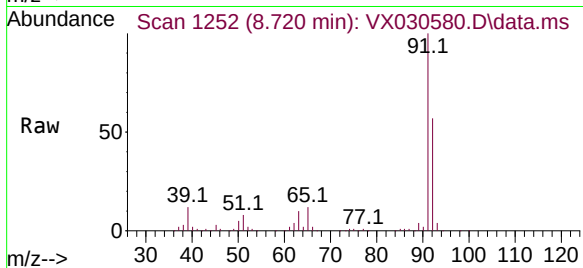
VSTD050778

Tgt Ion: 91 Resp: 389104

Ion Ratio Lower Upper

91 100

92 57.1 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 55.209 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030580.D

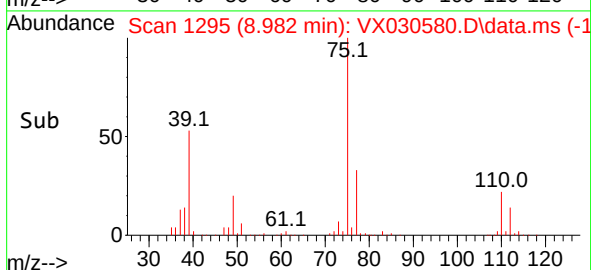
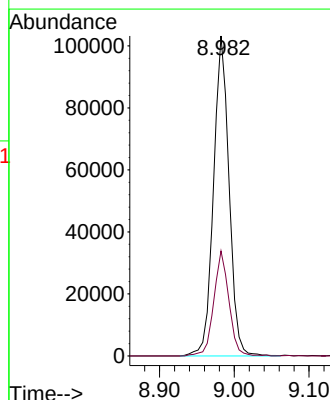
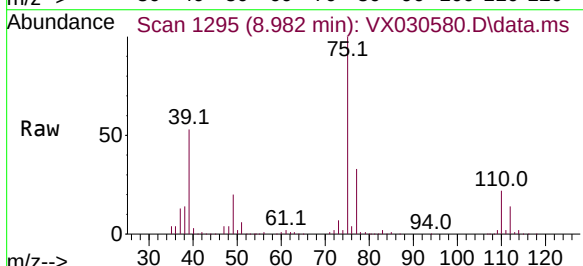
Acq: 11 Aug 2022 17:51

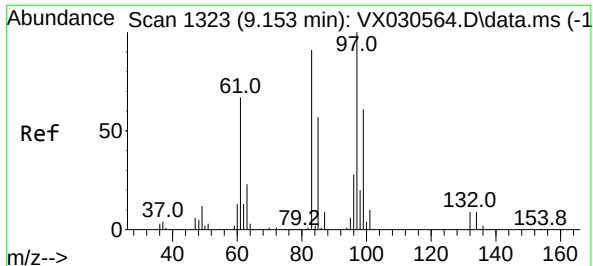
Tgt Ion: 75 Resp: 149565

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 54.984 ug/L

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTD050778

Tgt Ion: 97 Resp: 94863

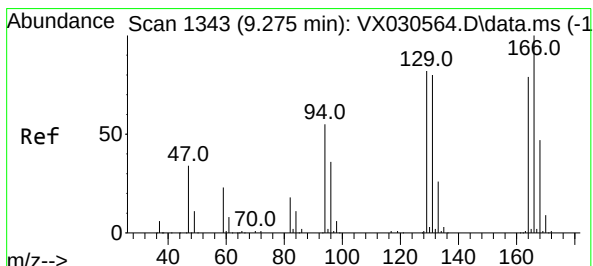
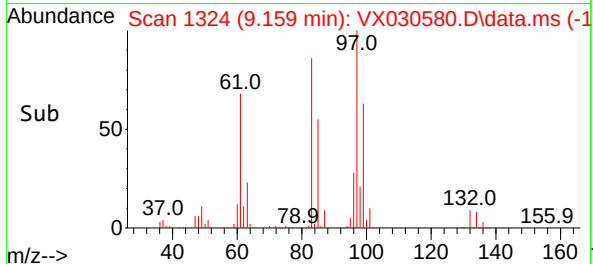
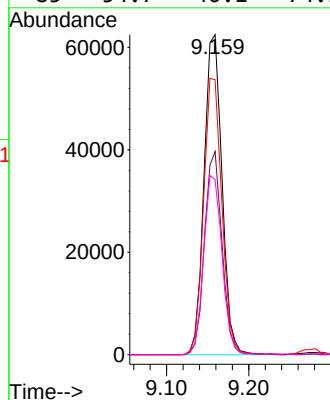
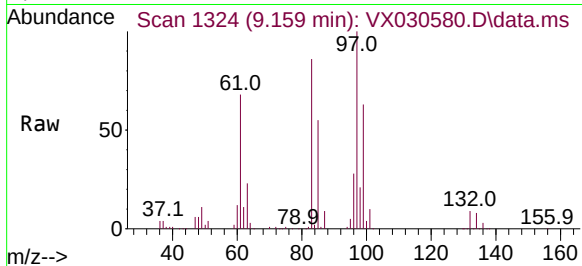
Ion Ratio Lower Upper

97 100

99 63.5 43.3 80.3

83 85.9 63.0 117.0

85 54.7 40.1 74.5



#46

Tetrachloroethene

Concen: 49.673 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Tgt Ion:164 Resp: 63448

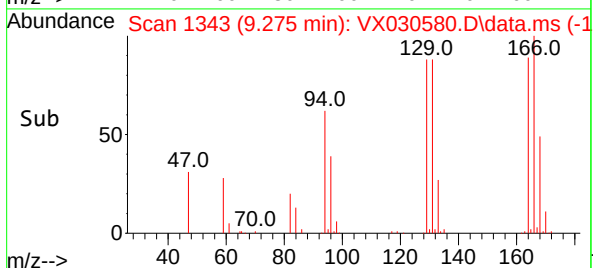
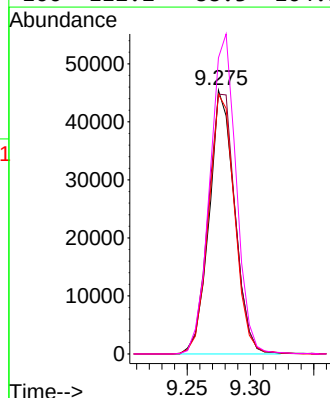
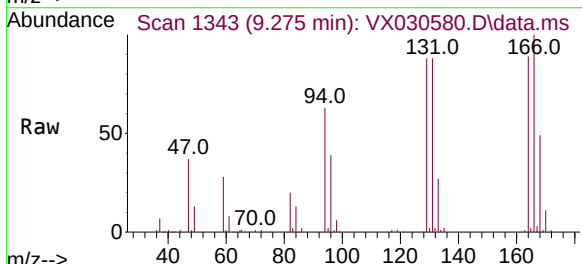
Ion Ratio Lower Upper

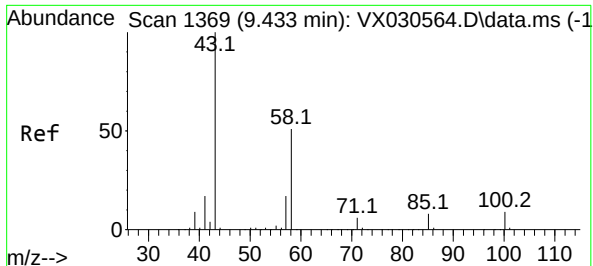
164 100

129 98.5 72.7 135.1

131 98.4 69.9 129.9

166 112.2 88.3 164.1



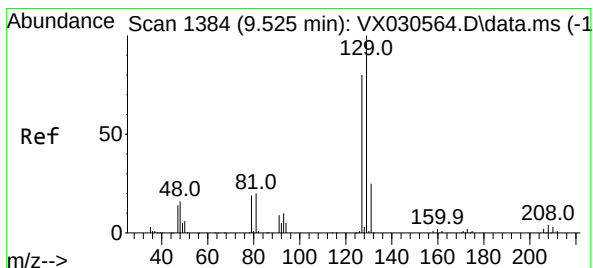
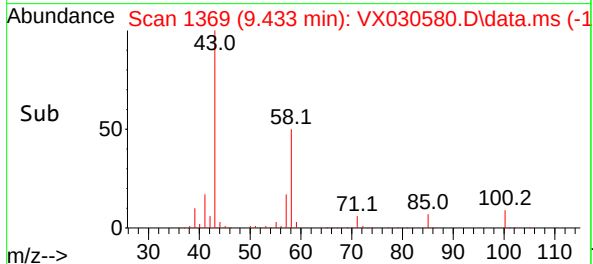
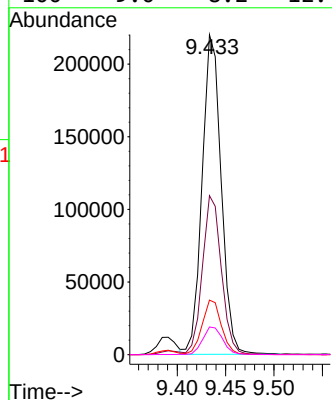
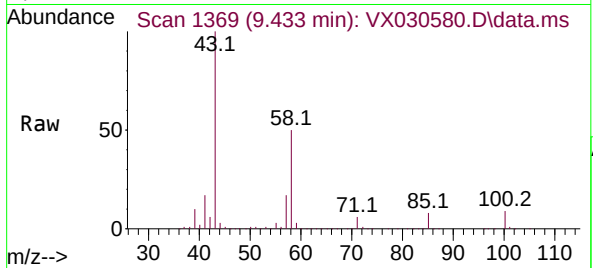


#48
2-Hexanone
Concen: 120.525 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

Tgt Ion: 43 Resp: 302579

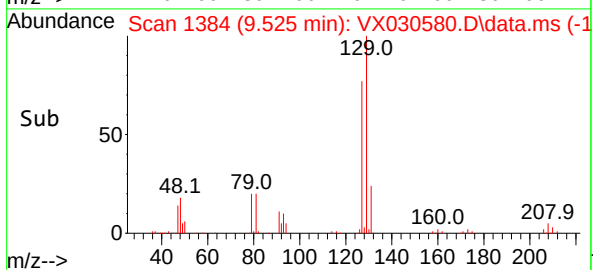
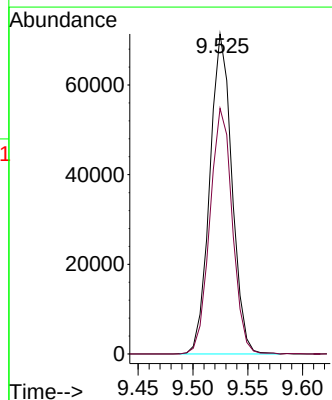
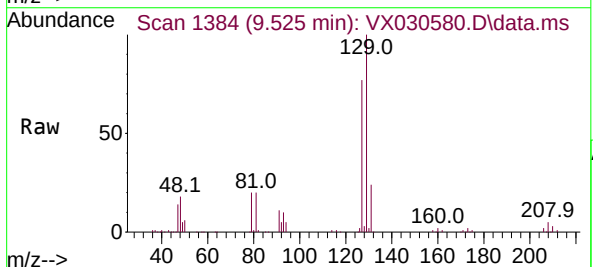
Ion	Ratio	Lower	Upper
43	100		
58	49.3	40.4	60.6
57	17.3	14.6	22.0
100	9.0	8.2	12.4

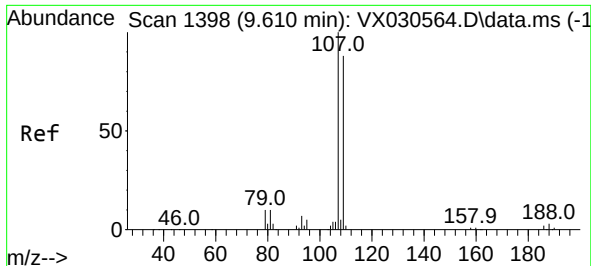


#49
Dibromochloromethane
Concen: 54.672 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 129 Resp: 100350

Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.6	103.2





#50

1,2-Dibromoethane

Concen: 52.210 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTD050778

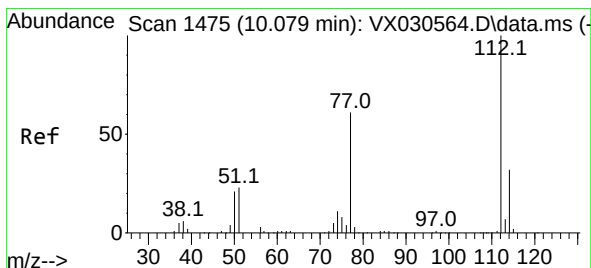
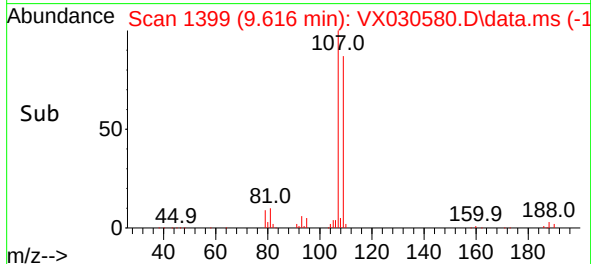
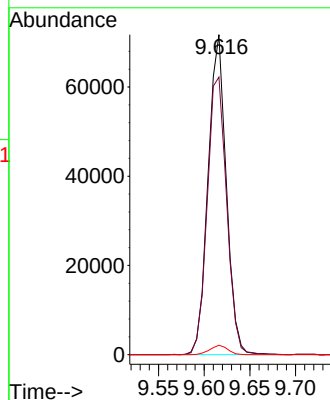
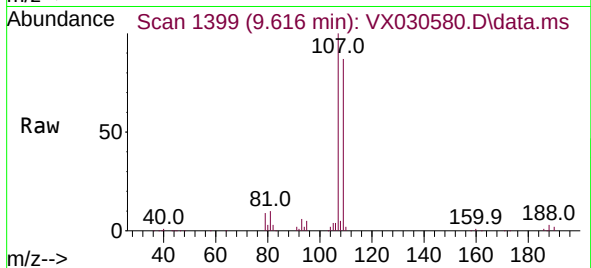
Tgt Ion:107 Resp: 99058

Ion Ratio Lower Upper

107 100

109 86.8 64.8 120.4

188 3.0 2.2 3.2



#51

Chlorobenzene

Concen: 52.055 ug/L

RT: 10.086 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

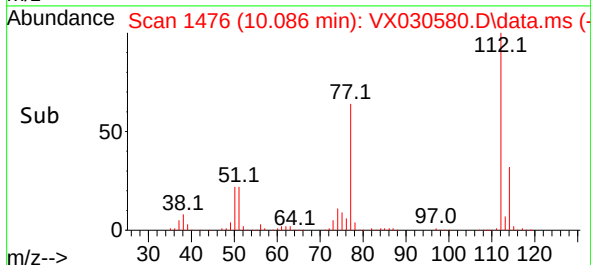
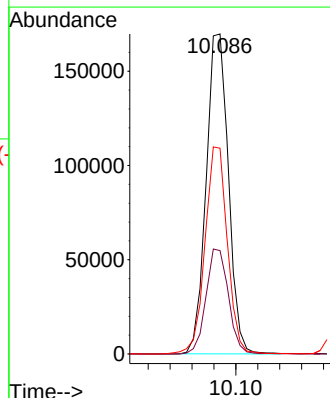
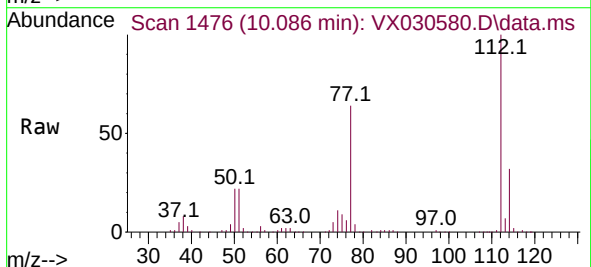
Tgt Ion:112 Resp: 239074

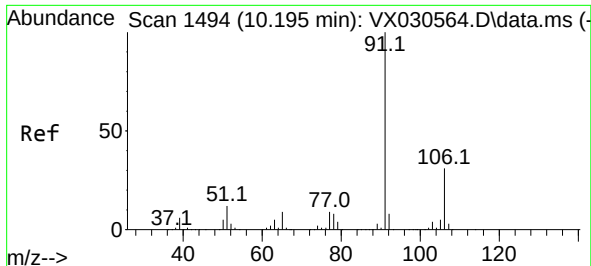
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 64.3 50.8 76.2

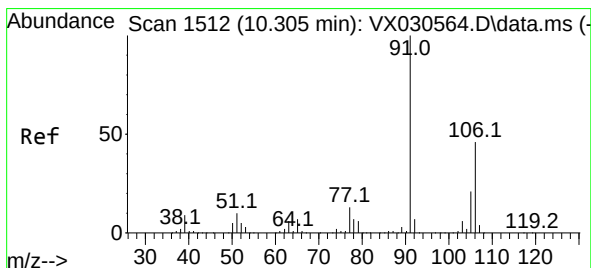
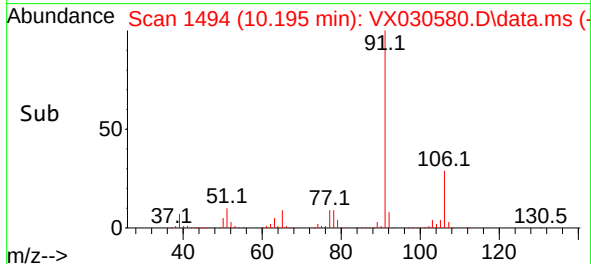
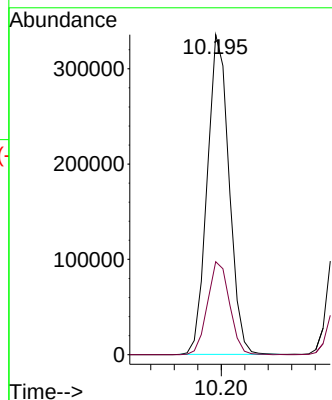
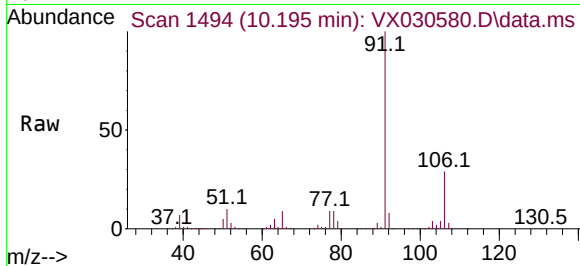




#52
Ethylbenzene
Concen: 53.865 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

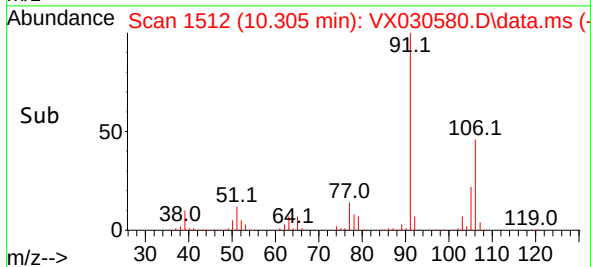
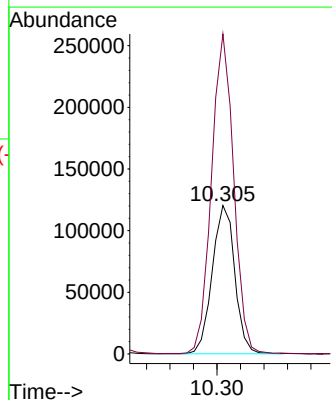
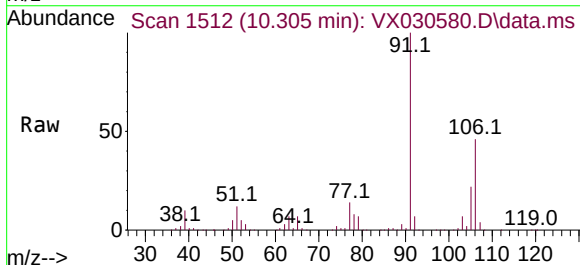
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

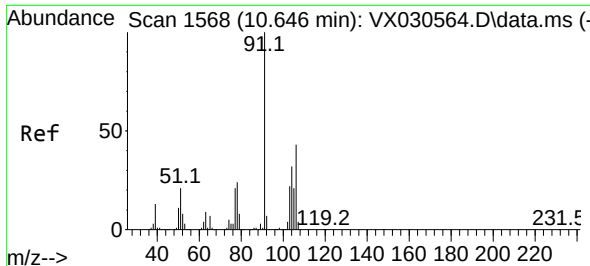
Tgt Ion: 91 Resp: 432965
Ion Ratio Lower Upper
91 100
106 29.0 21.3 39.5



#53
m,p-Xylene
Concen: 53.368 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 106 Resp: 159889
Ion Ratio Lower Upper
106 100
91 215.5 147.8 274.6

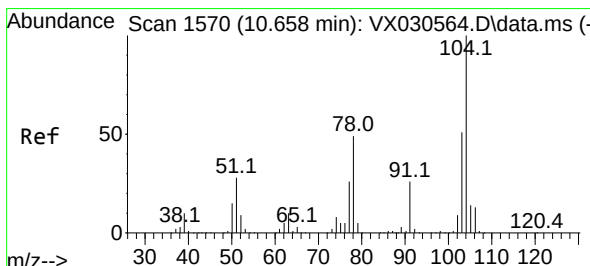
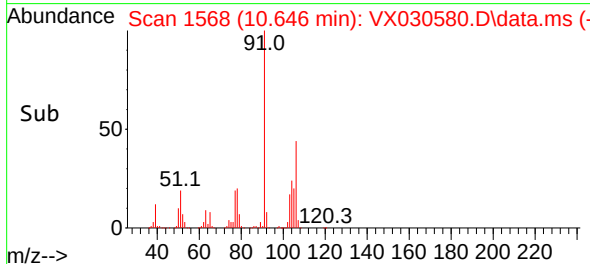
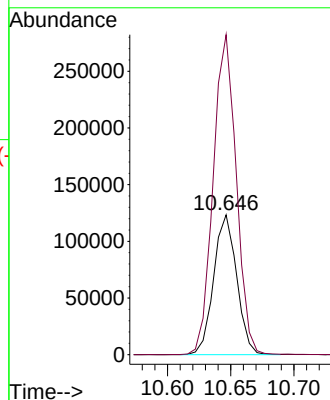
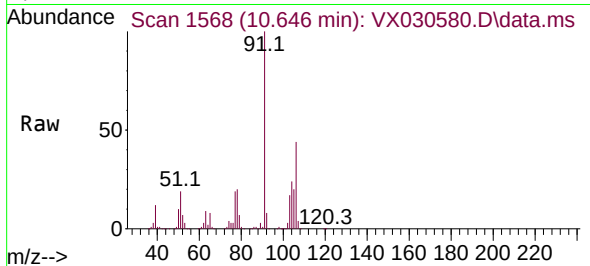




#54
o-Xylene
Concen: 52.282 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

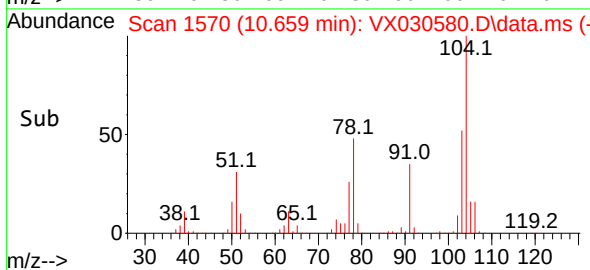
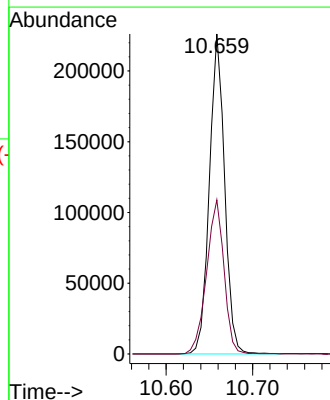
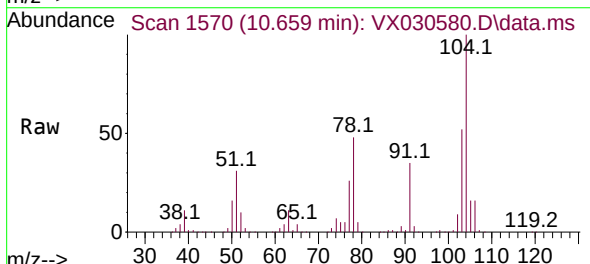
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

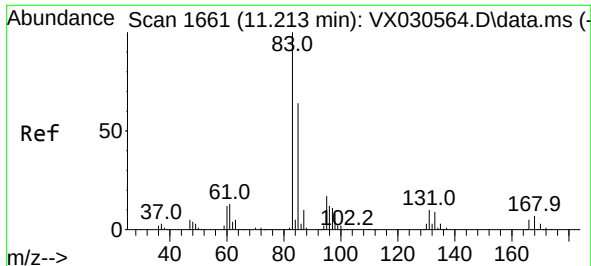
Tgt Ion:106 Resp: 156085
Ion Ratio Lower Upper
106 100
91 228.8 157.8 293.0



#55
Styrene
Concen: 54.990 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion:104 Resp: 276422
Ion Ratio Lower Upper
104 100
78 48.2 33.2 61.7

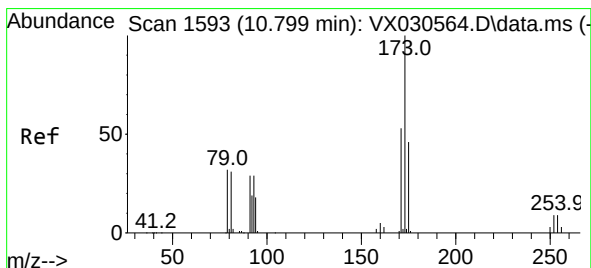
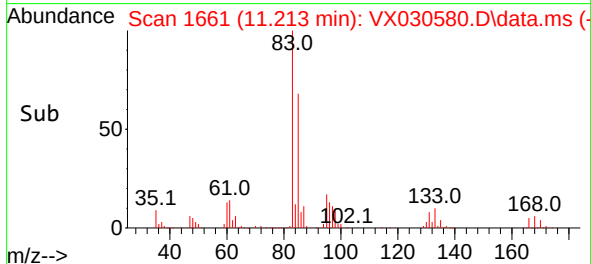
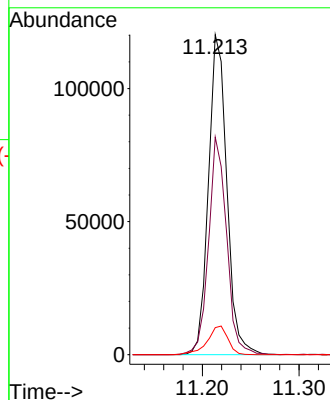
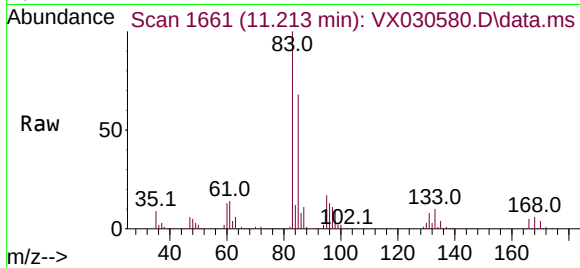




#57
1,1,2,2-Tetrachloroethane
Concen: 60.574 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

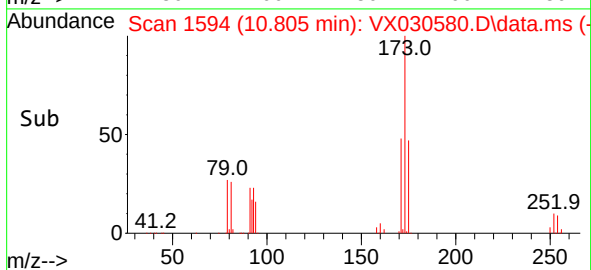
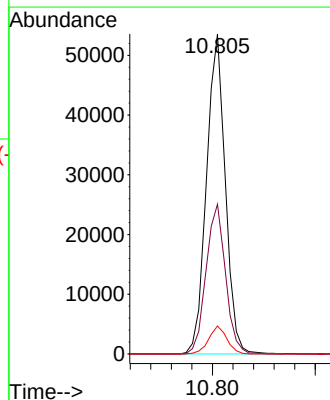
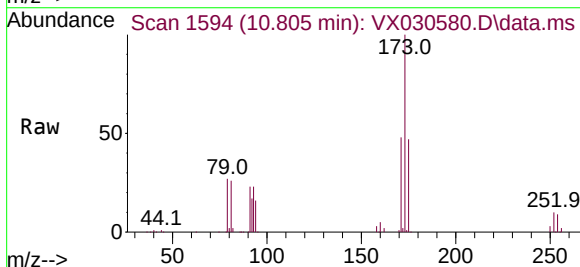
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

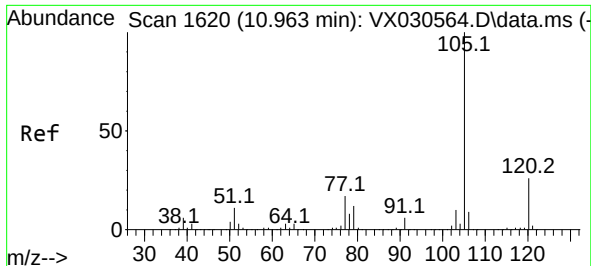
Tgt Ion: 83 Resp: 159017
Ion Ratio Lower Upper
83 100
85 68.0 44.4 82.4
131 8.4 7.5 11.3



#59
Bromoform
Concen: 55.883 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion:173 Resp: 68083
Ion Ratio Lower Upper
173 100
175 48.2 38.9 58.3
254 8.4 7.0 10.4

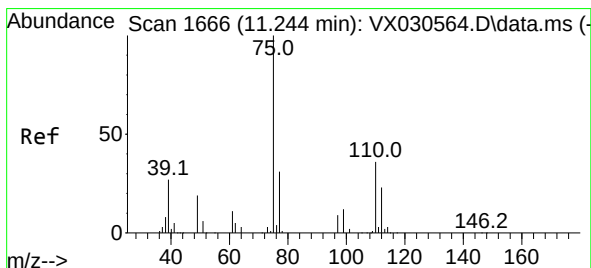
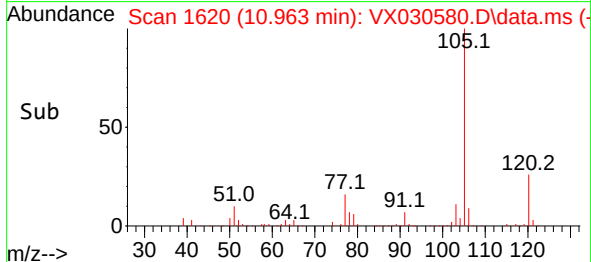
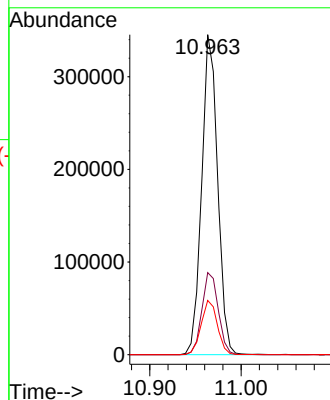
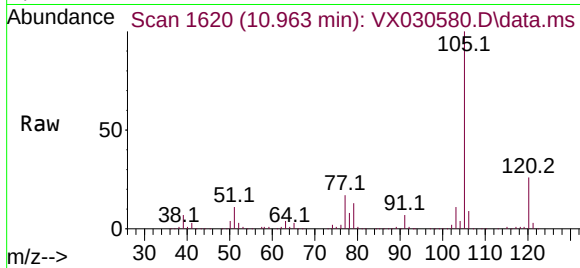




#60
Isopropylbenzene
Concen: 52.695 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

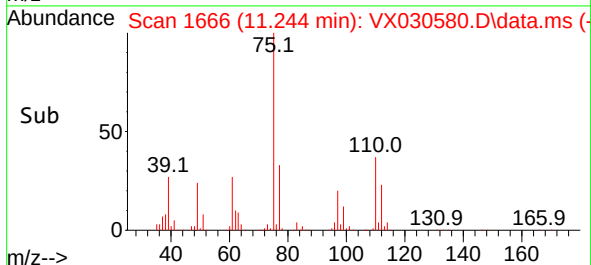
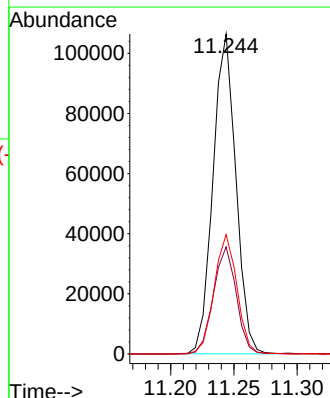
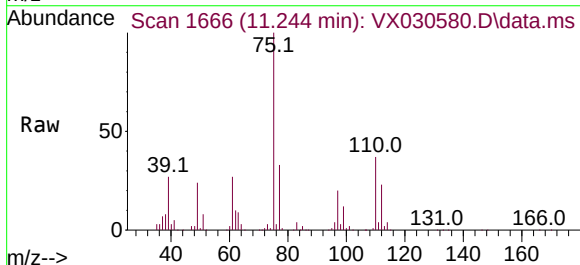
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

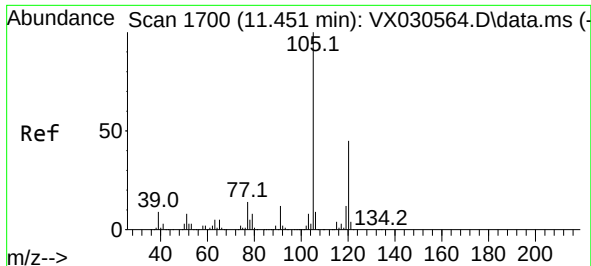
Tgt Ion:105 Resp: 417880
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 17.2 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 55.593 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 75 Resp: 133569
Ion Ratio Lower Upper
75 100
77 33.5 26.1 39.1
110 37.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 54.282 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

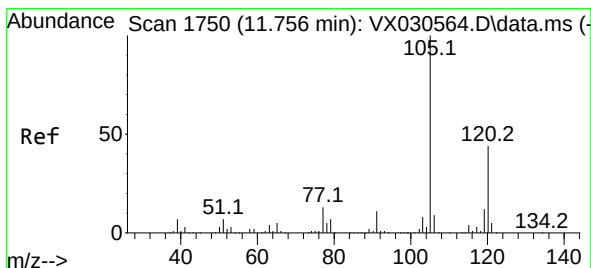
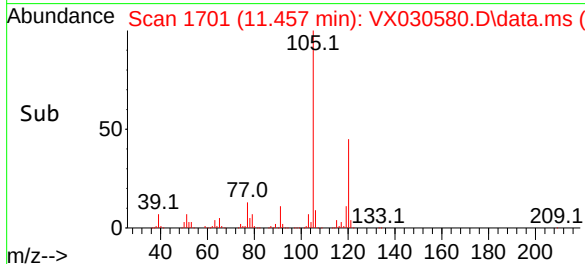
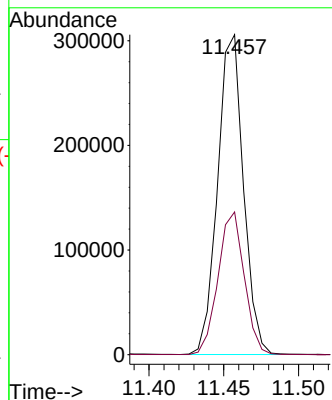
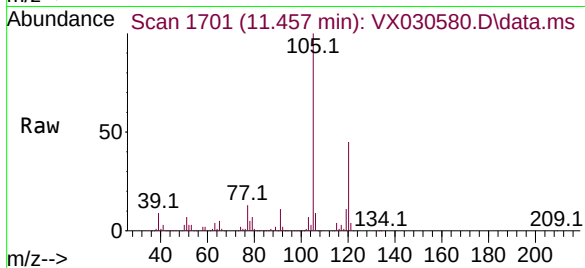
VSTD050778

Tgt Ion:105 Resp: 367503

Ion Ratio Lower Upper

105 100

120 45.3 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 53.839 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030580.D

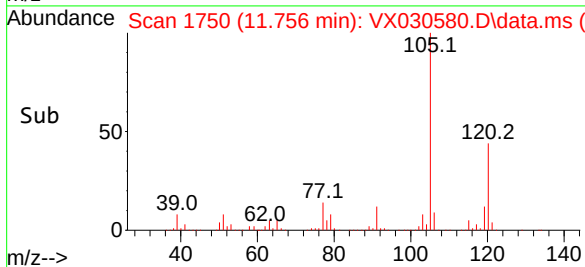
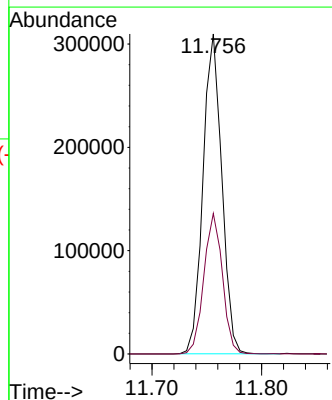
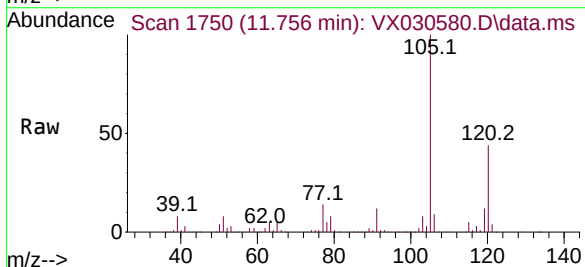
Acq: 11 Aug 2022 17:51

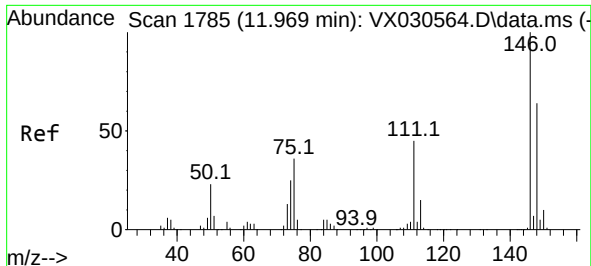
Tgt Ion:105 Resp: 368111

Ion Ratio Lower Upper

105 100

120 43.2 35.9 53.9

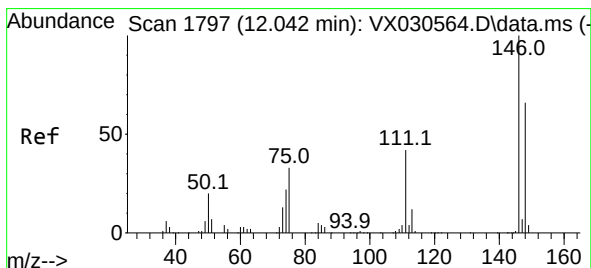
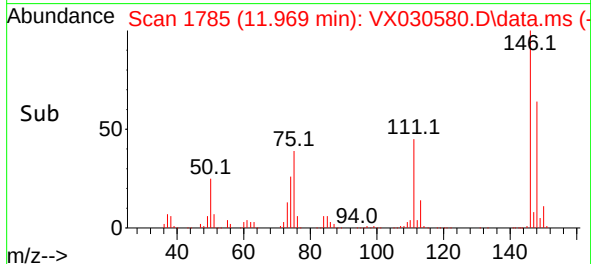
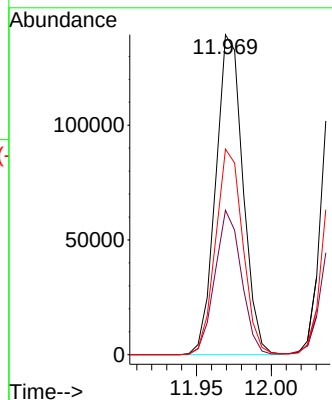
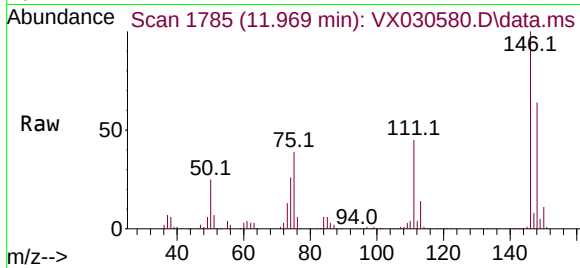




#64
1,3-Dichlorobenzene
Concen: 51.102 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

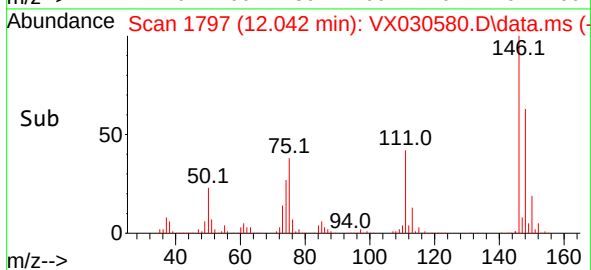
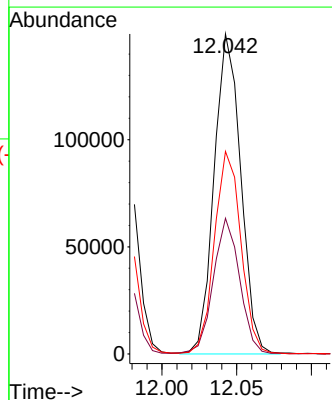
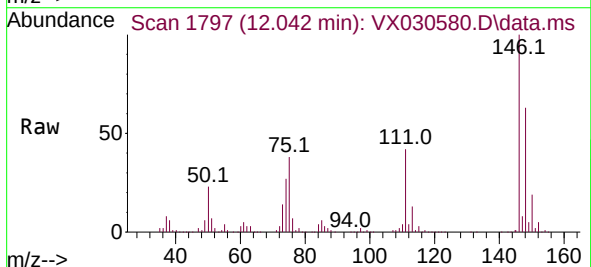
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

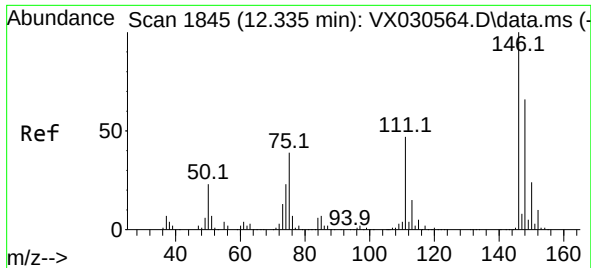
Tgt Ion:146 Resp: 176163
Ion Ratio Lower Upper
146 100
111 45.2 30.9 57.5
148 64.2 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 52.784 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion:146 Resp: 184974
Ion Ratio Lower Upper
146 100
111 42.4 32.6 60.6
148 63.3 48.3 89.7

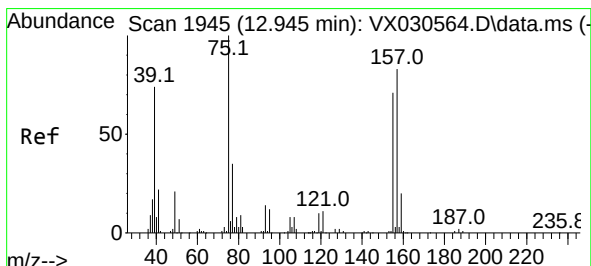
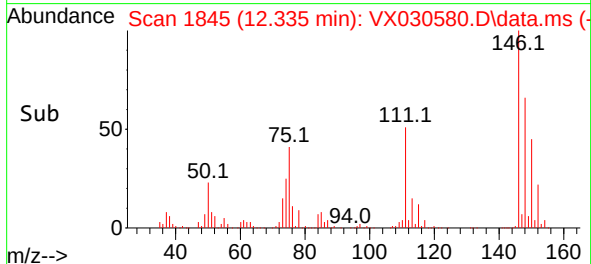
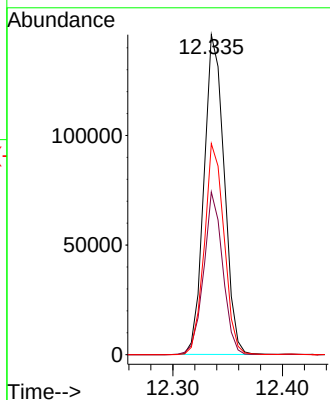
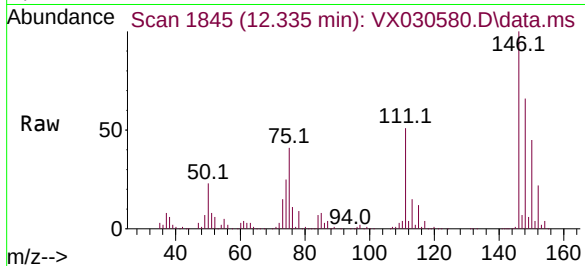




#67
1,2-Dichlorobenzene
Concen: 52.241 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

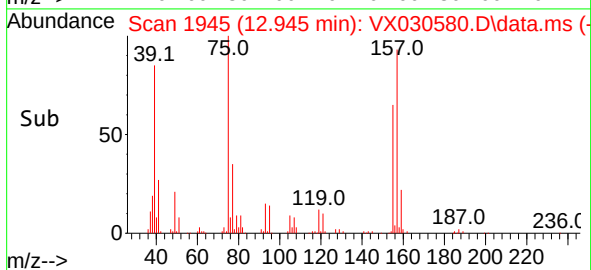
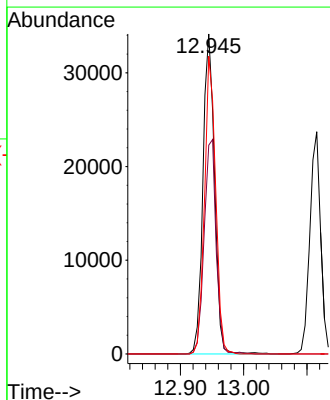
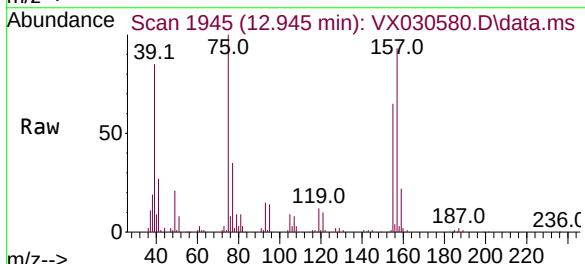
Instrument :
MSVOA_X
ClientSampleId :
VSTD050778

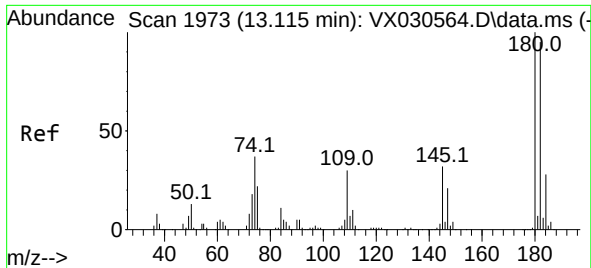
Tgt Ion:146 Resp: 186233
Ion Ratio Lower Upper
146 100
111 50.8 36.9 55.3
148 66.0 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 54.955 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030580.D
Acq: 11 Aug 2022 17:51

Tgt Ion: 75 Resp: 43554
Ion Ratio Lower Upper
75 100
155 65.3 57.1 85.7
157 93.1 73.1 109.7

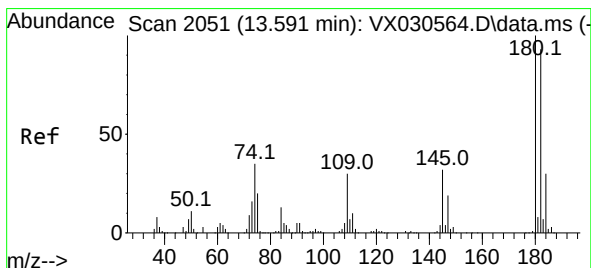
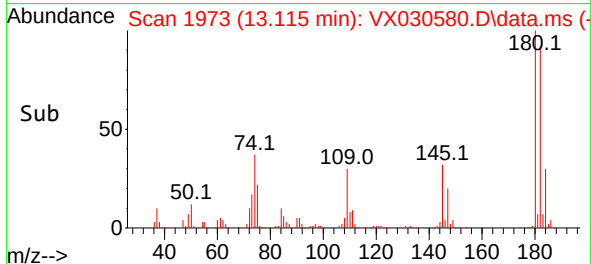
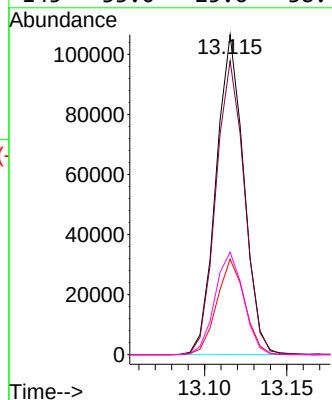
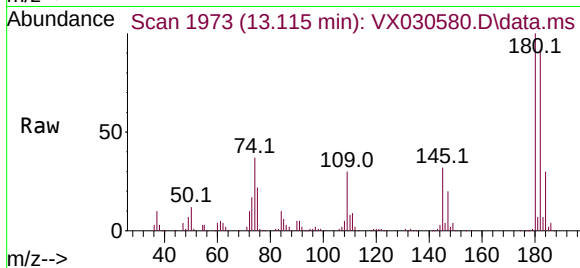




#69
 1,3,5-Trichlorobenzene
 Concen: 51.592 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030580.D
 Acq: 11 Aug 2022 17:51

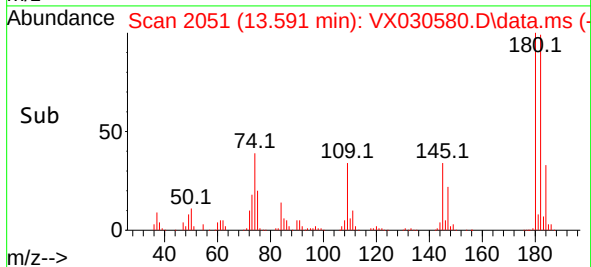
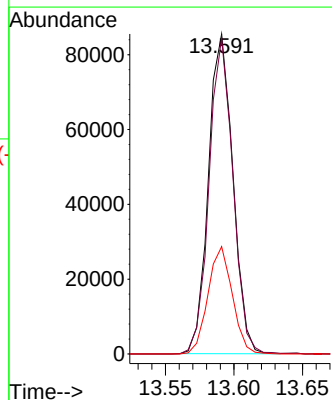
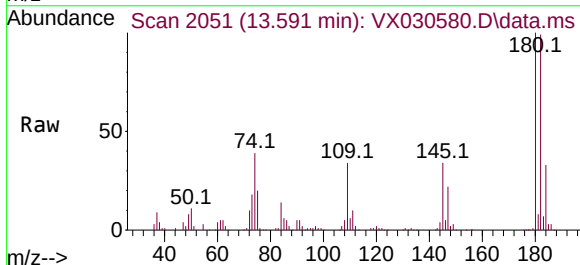
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050778

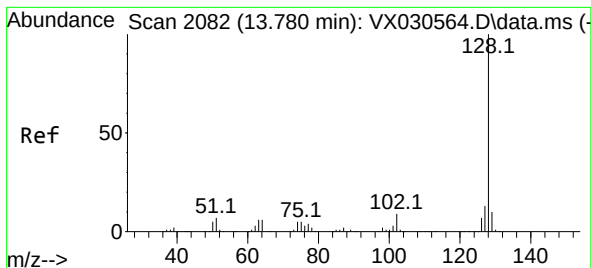
Tgt Ion:180 Resp: 124725
 Ion Ratio Lower Upper
 180 100
 182 94.2 73.7 110.5
 184 30.1 24.1 36.1
 145 33.0 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 50.011 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030580.D
 Acq: 11 Aug 2022 17:51

Tgt Ion:180 Resp: 106181
 Ion Ratio Lower Upper
 180 100
 182 96.2 72.7 109.1
 145 33.4 26.6 40.0





#71

Naphthalene

Concen: 52.940 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

VSTD050778

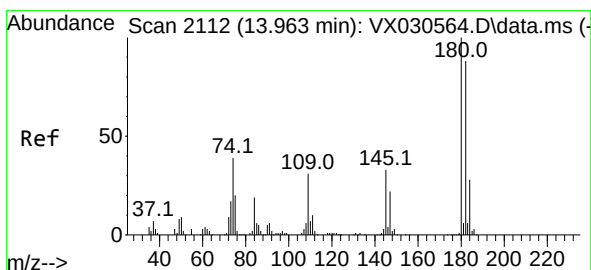
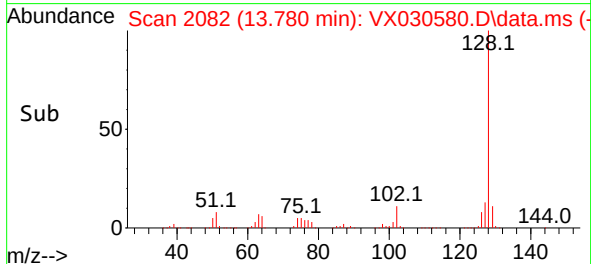
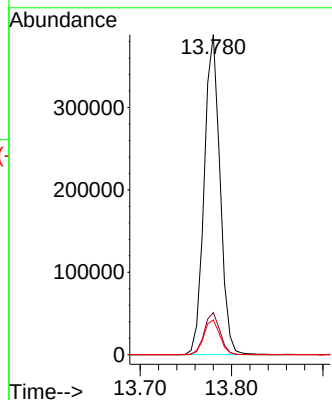
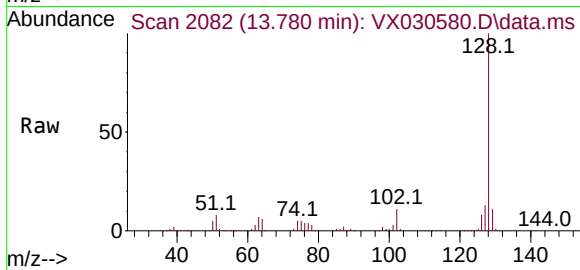
Tgt Ion:128 Resp: 465262

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 49.337 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030580.D

Acq: 11 Aug 2022 17:51

Tgt Ion:180 Resp: 110647

Ion Ratio Lower Upper

180 100

182 97.8 74.6 112.0

145 37.4 28.4 42.6

