

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
 Data File : VX023676.D
 Acq On : 12 Aug 2021 16:06
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050686

Quant Time: Aug 13 01:03:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 13 01:00:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	306576	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285052	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141252	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73536	46.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.040%
7) Chloroethane-d5	1.660	69	65068	49.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.140%
11) 1,1-Dichloroethene-d2	2.306	63	172895	49.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.620%
21) 2-Butanone-d5	4.465	46	155810	101.137	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.140%
24) Chloroform-d	5.062	84	184574	51.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.020%
26) 1,2-Dichloroethane-d4	5.958	65	123601	49.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
32) Benzene-d6	5.983	84	360472	50.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	7.312	67	112824	49.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	8.653	98	347593	50.263	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.520%
43) trans-1,3-Dichloroprop...	8.952	79	52434	49.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.080%
47) 2-Hexanone-d5	9.384	63	117737	108.391	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.390%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	163102	54.191	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.380%
66) 1,2-Dichlorobenzene-d4	12.323	152	129736	52.340	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	101500	53.277	ug/L	100
3) Chloromethane	1.294	50	94060	51.900	ug/L	97
5) Vinyl chloride	1.374	62	98337	53.403	ug/L	100
6) Bromomethane	1.599	94	60985	53.307	ug/L	100
8) Chloroethane	1.685	64	62365	53.440	ug/L	99
9) Trichlorofluoromethane	1.886	101	167552	54.272	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	98954	54.862	ug/L	98
12) 1,1-Dichloroethene	2.319	96	84808	54.363	ug/L	89
13) Acetone	2.386	43	109666	80.853	ug/L	92
14) Carbon disulfide	2.514	76	155199	49.486	ug/L	100
15) Methyl Acetate	2.709	43	118103	52.250	ug/L	92
16) Methylene chloride	2.794	84	101985	52.506	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	86838	52.579	ug/L	93
18) Methyl tert-butyl Ether	3.123	73	324775	53.057	ug/L #	96
19) 1,1-Dichloroethane	3.611	63	182089	54.094	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	108303	54.274	ug/L	99
22) 2-Butanone	4.568	43	175714	95.068	ug/L	92
23) Bromochloromethane	4.910	128	56106	53.197	ug/L	95
25) Chloroform	5.099	83	196876	54.141	ug/L	97

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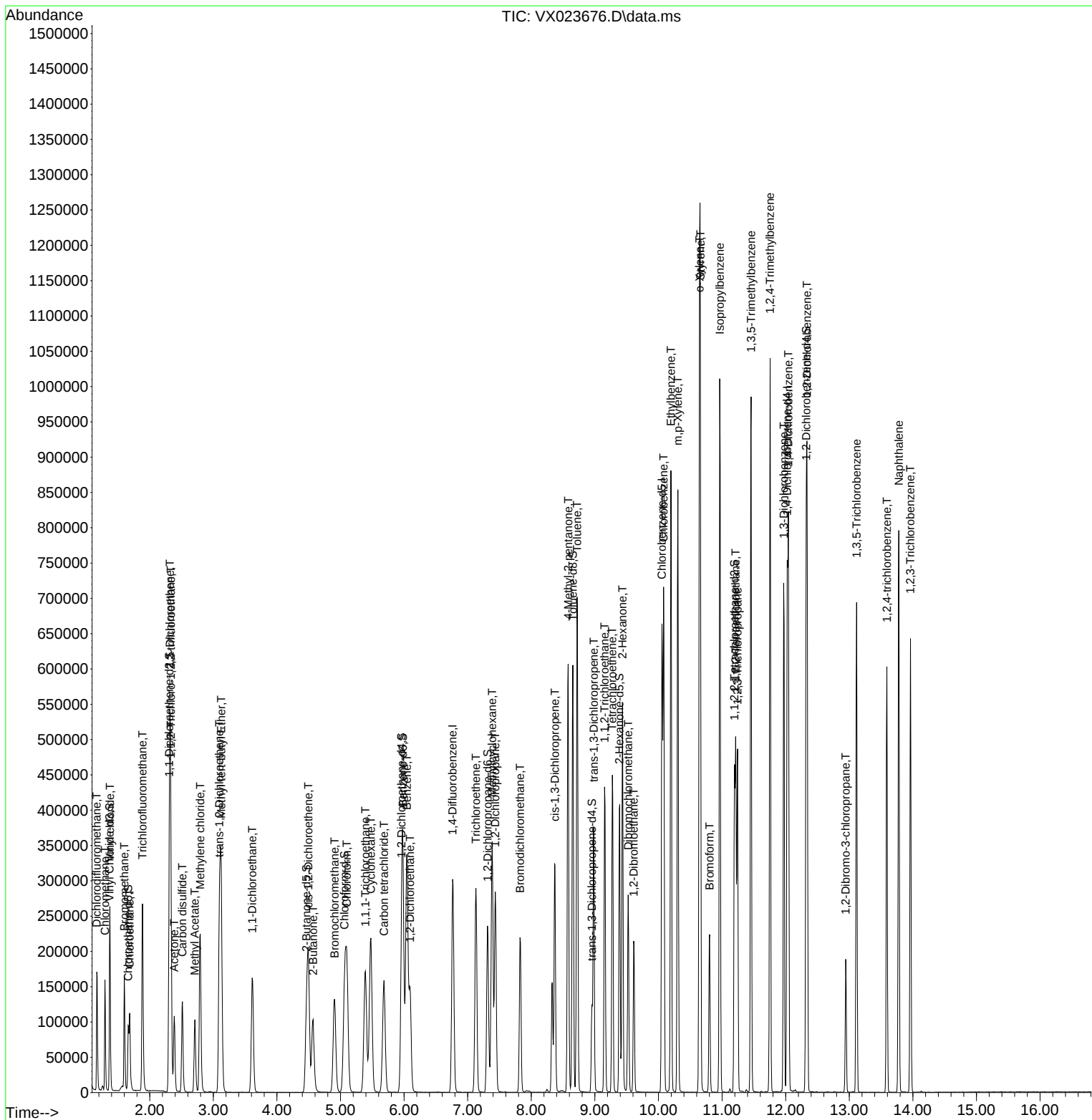
Instrument :
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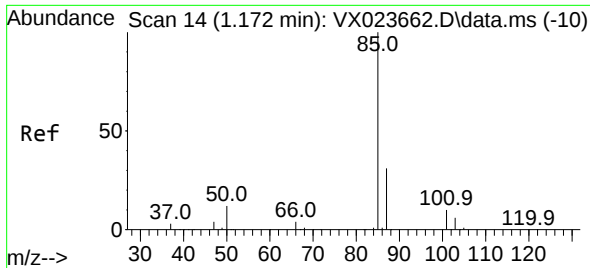
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	159210	54.285	ug/L	96
29) Cyclohexane	5.477	56	147931	53.930	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	166058	53.928	ug/L	98
31) Carbon tetrachloride	5.684	117	140905	54.491	ug/L	98
33) Benzene	6.044	78	403149	54.149	ug/L	100
34) Trichloroethene	7.129	95	107692	54.073	ug/L	96
35) Methylcyclohexane	7.385	83	158822	55.521	ug/L	98
37) 1,2-Dichloropropane	7.434	63	111298	54.487	ug/L	99
38) Bromodichloromethane	7.824	83	138395	54.313	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	162018	54.178	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	358047	108.771	ug/L	91
42) Toluene	8.720	91	453318	54.912	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	162109	53.824	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	111880	53.910	ug/L	98
46) Tetrachloroethene	9.275	164	83958	55.554	ug/L	95
48) 2-Hexanone	9.433	43	280845	105.648	ug/L #	88
49) Dibromochloromethane	9.525	129	113365	54.137	ug/L	99
50) 1,2-Dibromoethane	9.610	107	115003	54.125	ug/L	99
51) Chlorobenzene	10.079	112	298347	54.401	ug/L	99
52) Ethylbenzene	10.195	91	493062	54.564	ug/L	96
53) m,p-Xylene	10.305	106	190155	55.183	ug/L	98
54) o-Xylene	10.646	106	191551	55.806	ug/L	93
55) Styrene	10.659	104	326667	56.497	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	177383	56.233	ug/L	99
59) Bromoform	10.805	173	79358	52.395	ug/L #	98
60) Isopropylbenzene	10.963	105	507349	52.923	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	151180	53.209	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	424076	54.665	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	425992	54.008	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	226262	54.027	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	223212	53.541	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	225028	54.740	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	33746	51.010	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	158658	54.881	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	136230	54.719	ug/L	98
71) Naphthalene	13.780	128	480577	55.680	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	140978	54.968	ug/L	98

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

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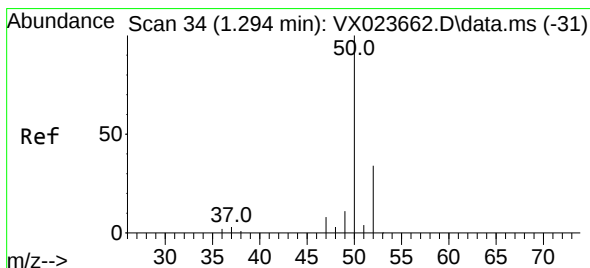
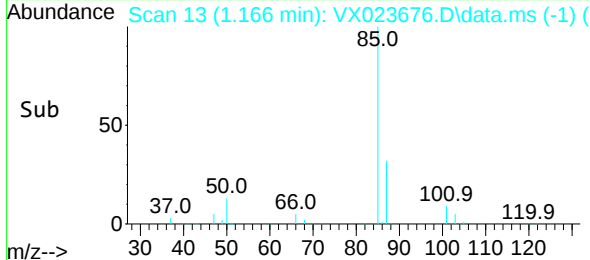
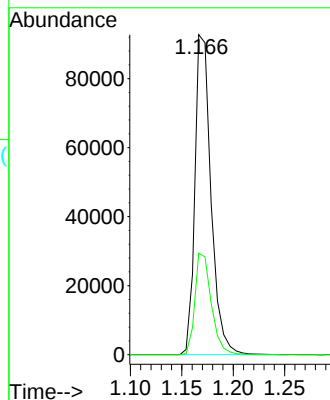
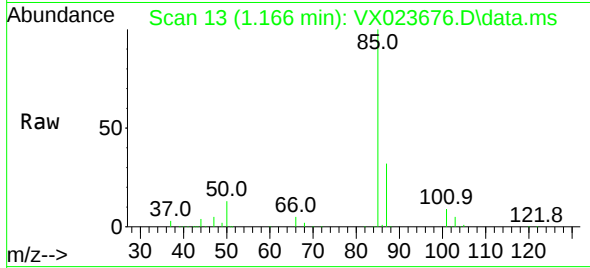




#2
 Dichlorodifluoromethane
 Concen: 53.277 ug/L
 RT: 1.166 min Scan# 13
 Delta R.T. -0.006 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

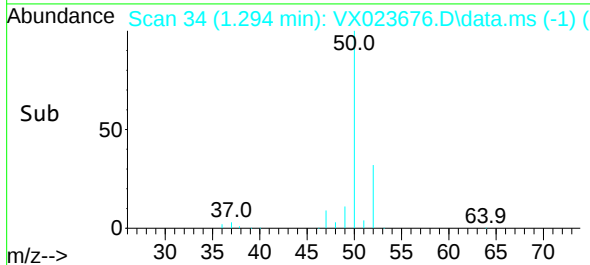
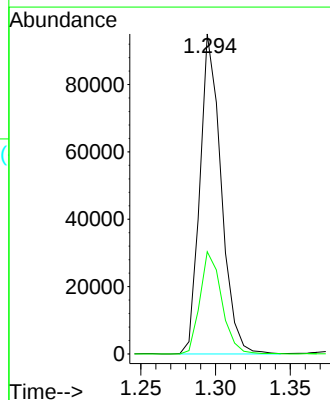
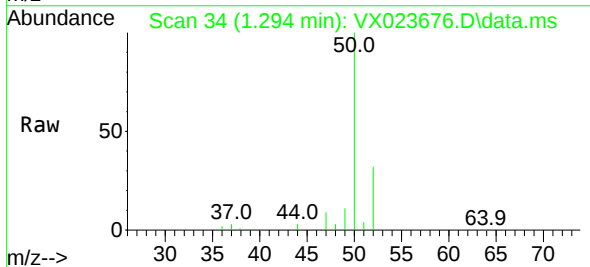
Instrument :
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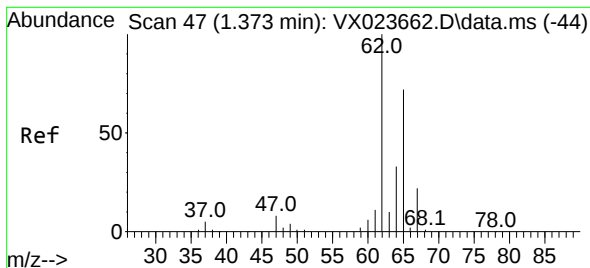
Tgt Ion: 85 Resp: 101500
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 51.900 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

Tgt Ion: 50 Resp: 94060
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.7 43.9

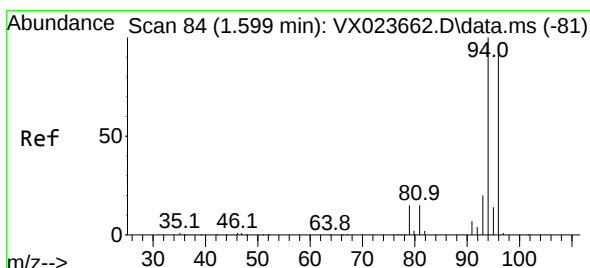
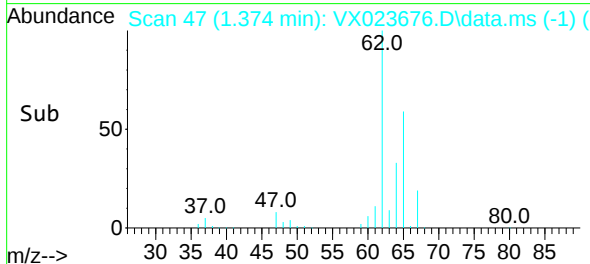
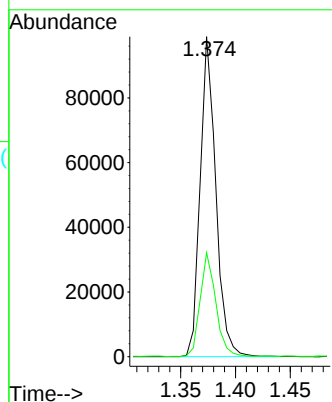
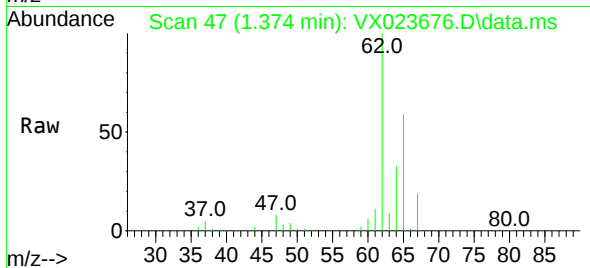




#5
 Vinyl chloride
 Concen: 53.403 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

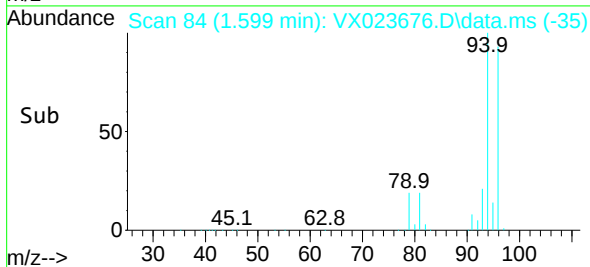
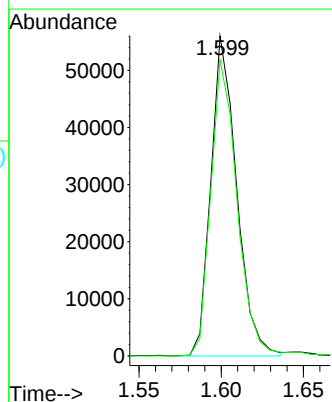
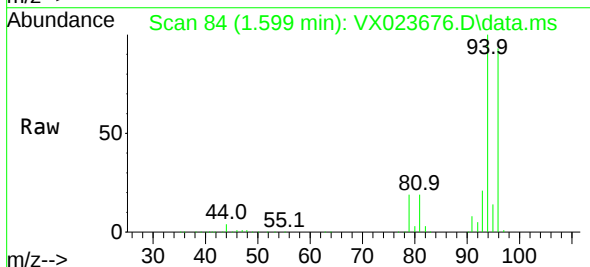
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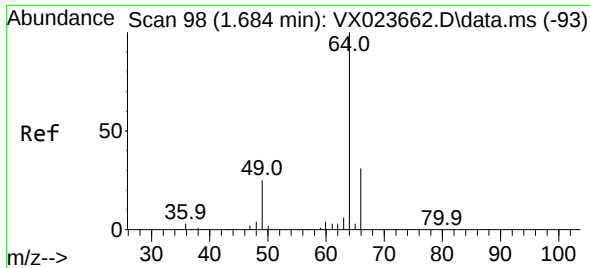
Tgt Ion: 62 Resp: 98337
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 53.307 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

Tgt Ion: 94 Resp: 60985
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.8 120.3

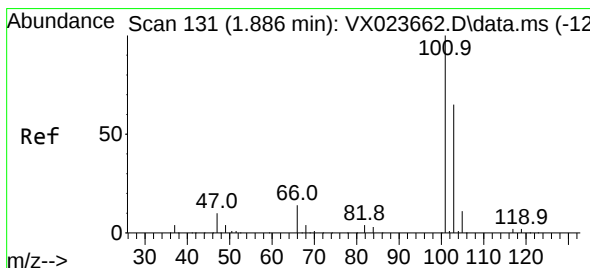
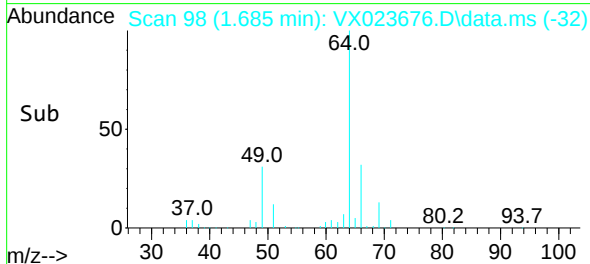
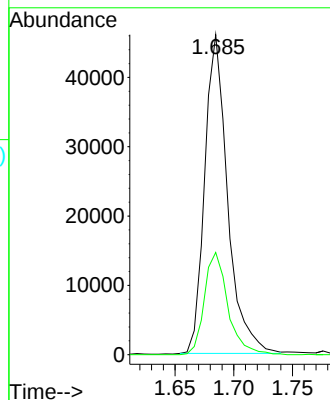
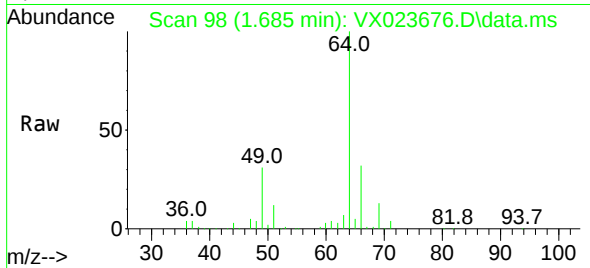




#8
Chloroethane
Concen: 53.440 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

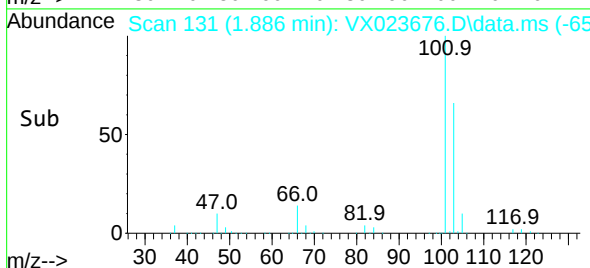
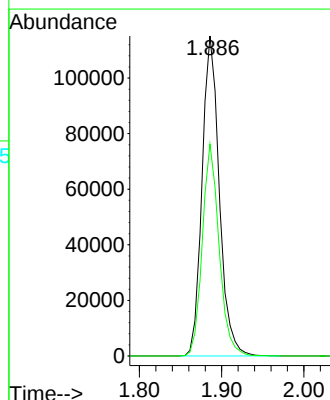
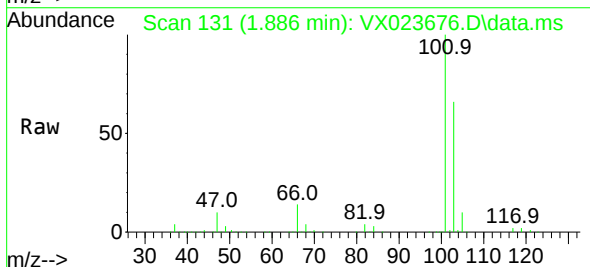
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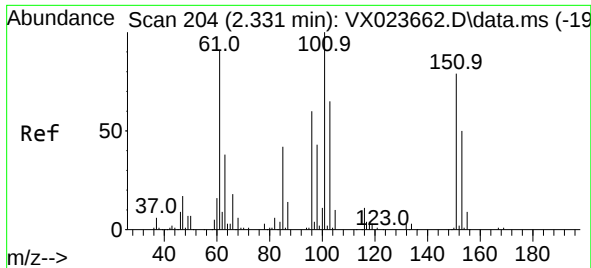
Tgt Ion: 64 Resp: 62365
Ion Ratio Lower Upper
64 100
66 31.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 54.272 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion:101 Resp: 167552
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

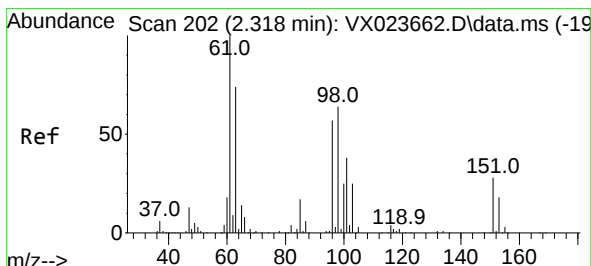
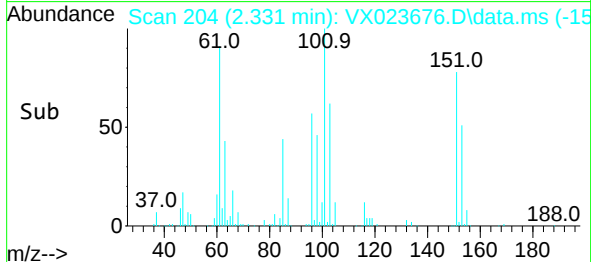
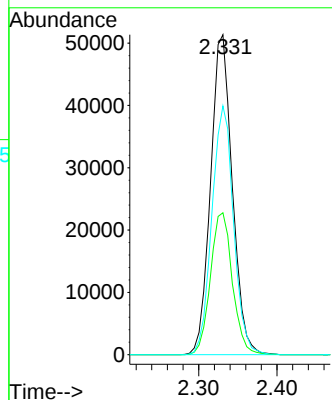
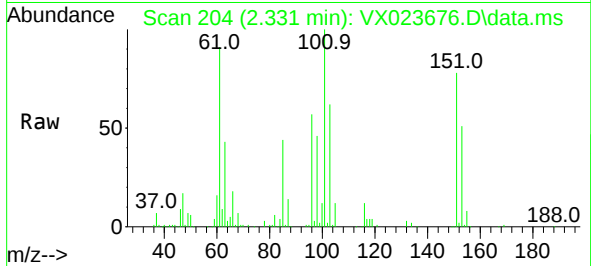




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.862 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

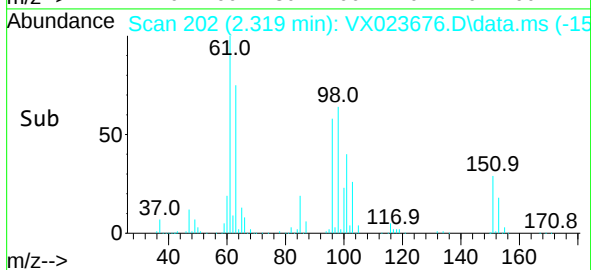
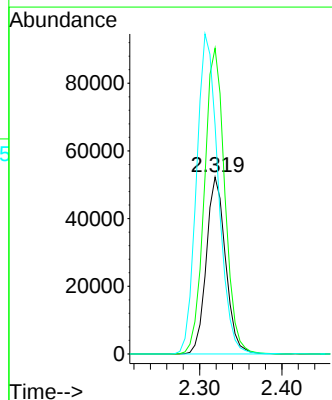
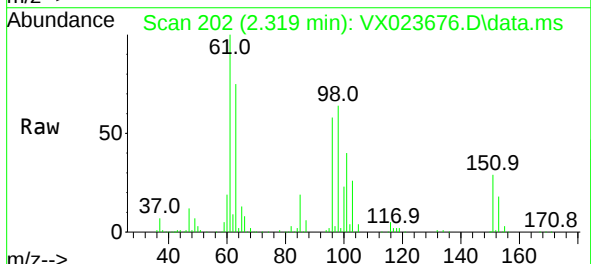
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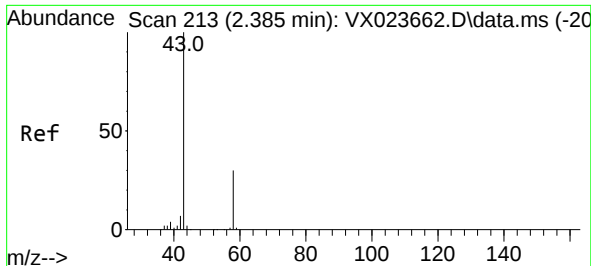
Tgt Ion:101 Resp: 98954
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.3 51.5
 151 77.7 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 54.363 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

Tgt Ion: 96 Resp: 84808
 Ion Ratio Lower Upper
 96 100
 61 172.9 115.5 214.5
 63 129.5 77.3 143.7

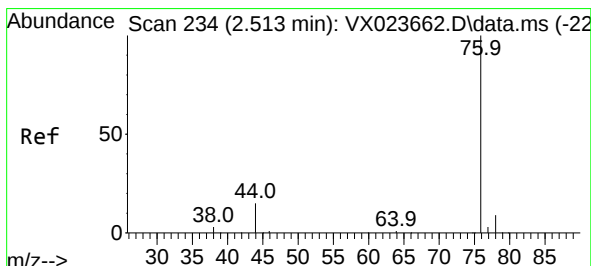
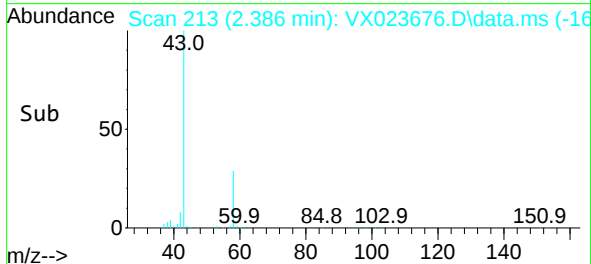
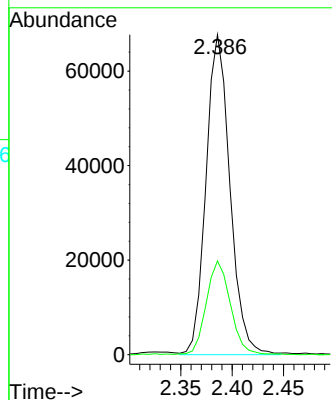
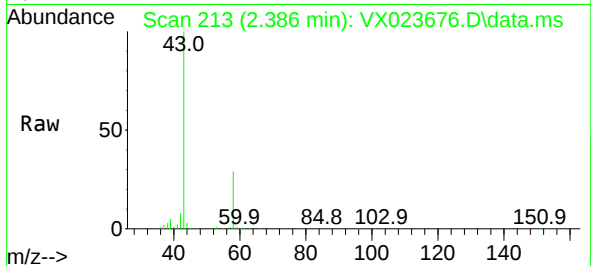




#13
Acetone
Concen: 80.853 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

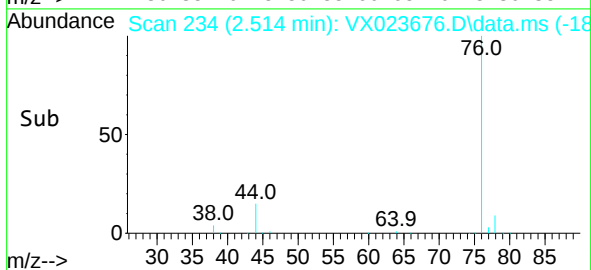
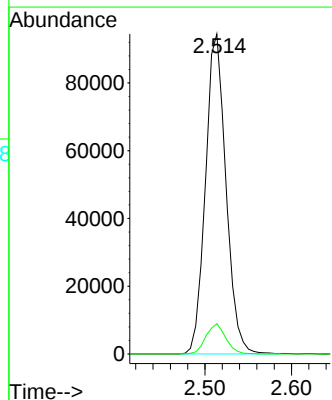
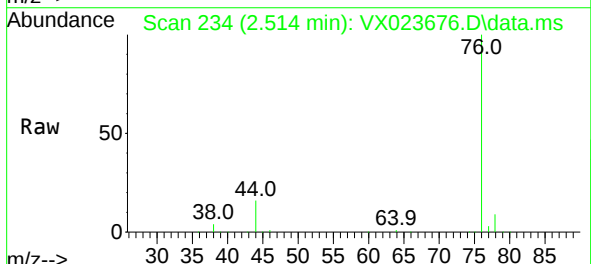
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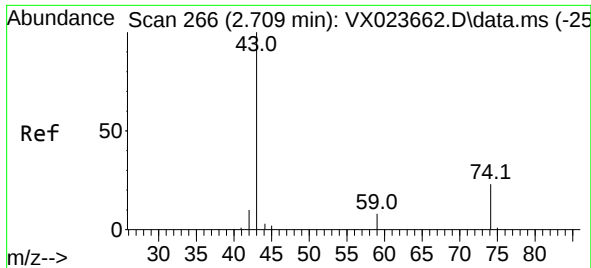
Tgt Ion: 43 Resp: 109666
Ion Ratio Lower Upper
43 100
58 29.5 0.0 68.2



#14
Carbon disulfide
Concen: 49.486 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 76 Resp: 155199
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

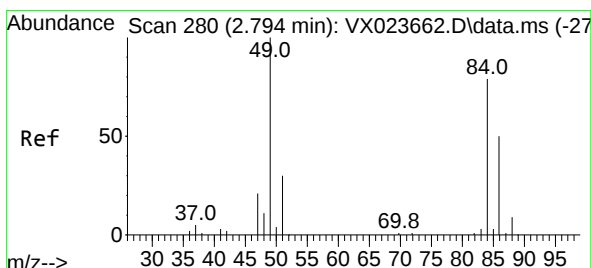
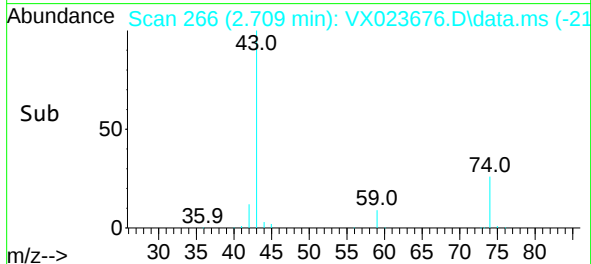
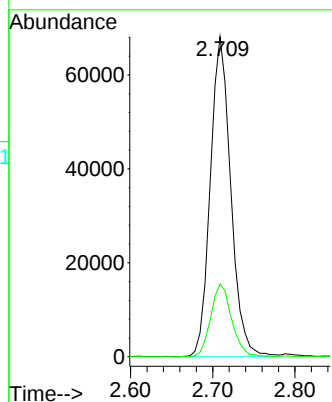
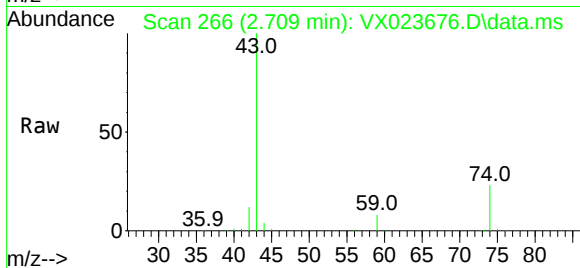




#15
Methyl Acetate
Concen: 52.250 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

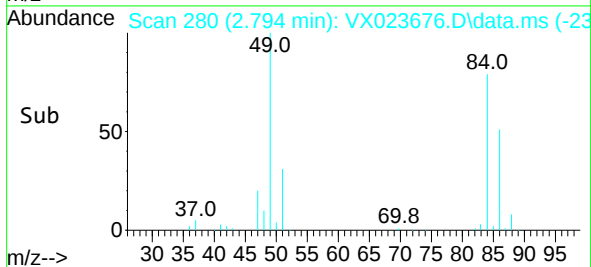
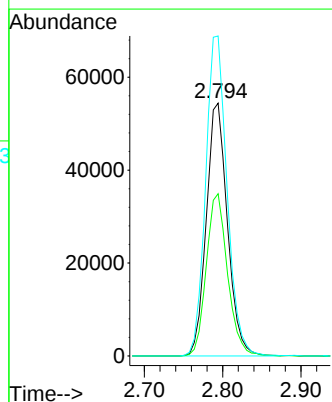
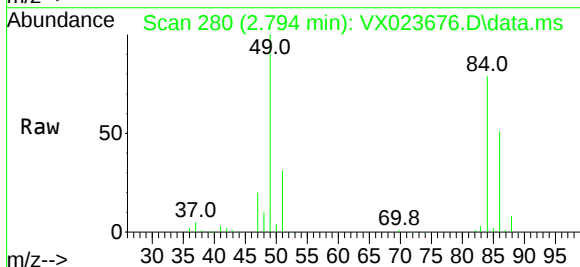
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

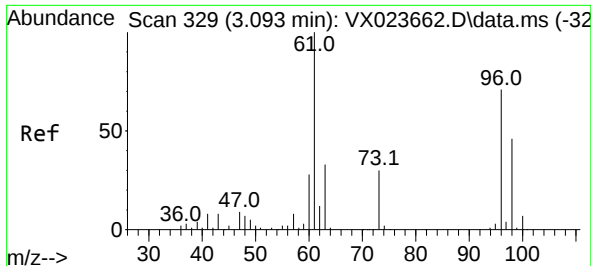
Tgt Ion: 43 Resp: 118103
Ion Ratio Lower Upper
43 100
74 23.2 21.7 32.5



#16
Methylene chloride
Concen: 52.506 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 84 Resp: 101985
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.0
49 126.6 77.8 144.6

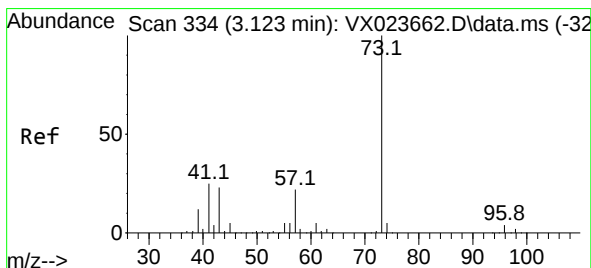
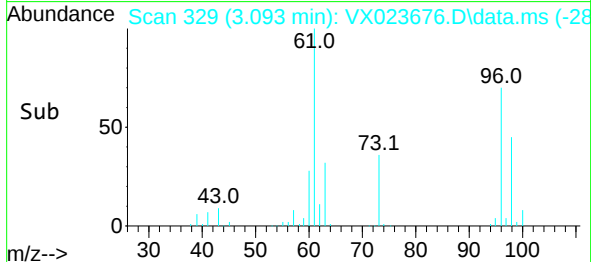
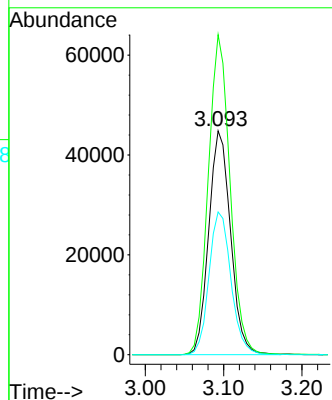
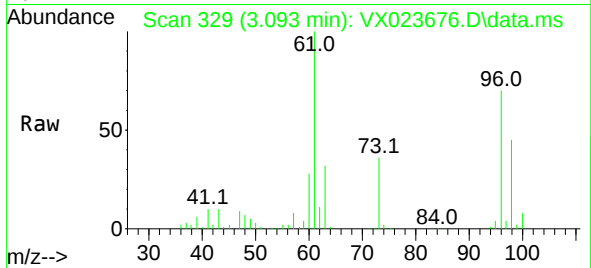




#17
trans-1,2-Dichloroethene
Concen: 52.579 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

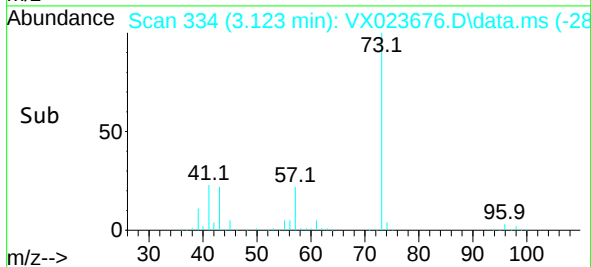
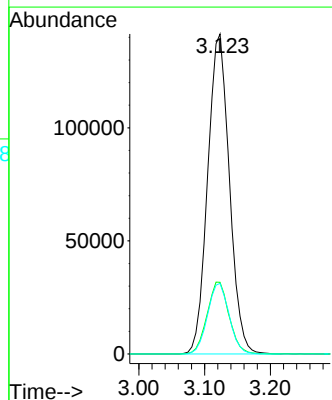
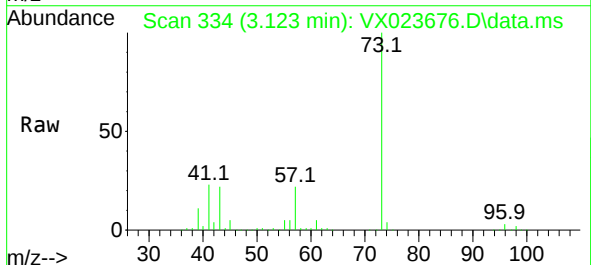
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

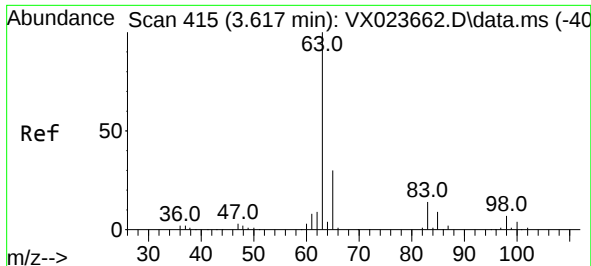
Tgt Ion: 96 Resp: 86838
Ion Ratio Lower Upper
96 100
61 143.0 92.3 171.3
98 63.8 46.3 85.9



#18
Methyl tert-butyl Ether
Concen: 53.057 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 73 Resp: 324775
Ion Ratio Lower Upper
73 100
43 22.7 15.1 22.7#
57 21.9 17.4 26.2





#19

1,1-Dichloroethane

Concen: 54.094 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.006 min

Lab File: VX023676.D

Acq: 12 Aug 2021 16:06

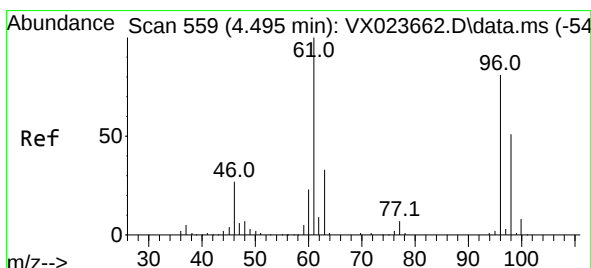
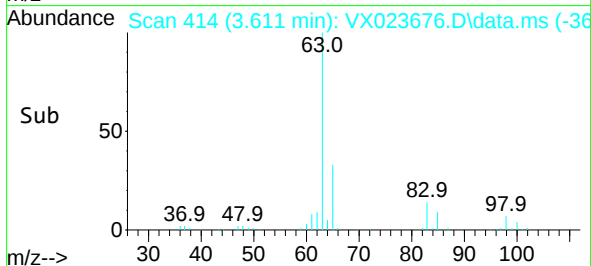
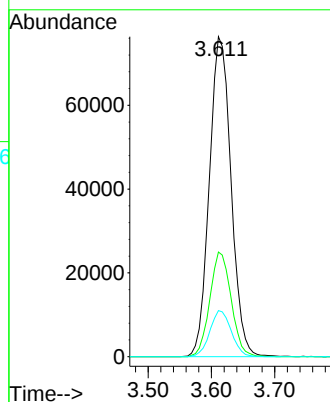
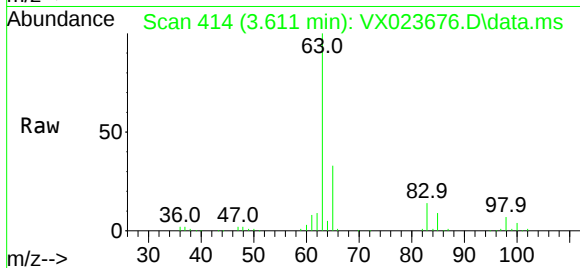
Tgt Ion: 63 Resp: 182089

Ion Ratio Lower Upper

63 100

65 32.7 22.4 41.6

83 14.4 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 54.274 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX023676.D

Acq: 12 Aug 2021 16:06

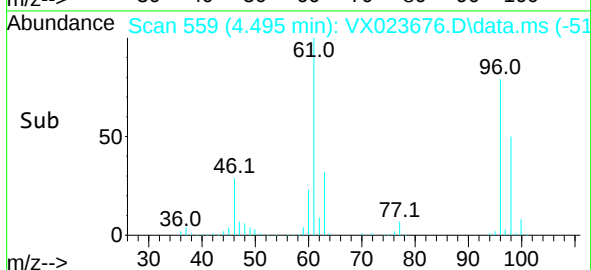
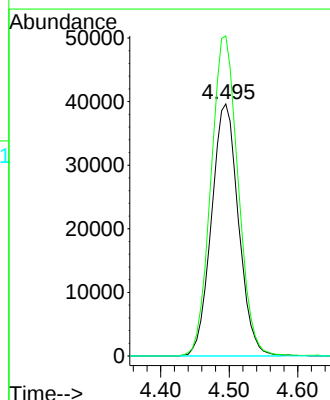
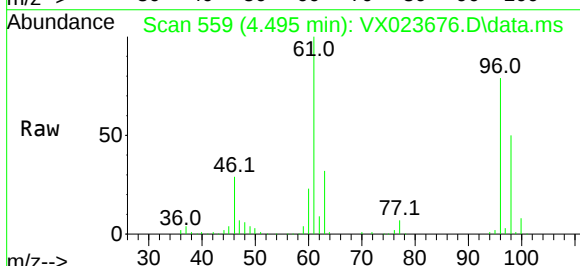
Tgt Ion: 96 Resp: 108303

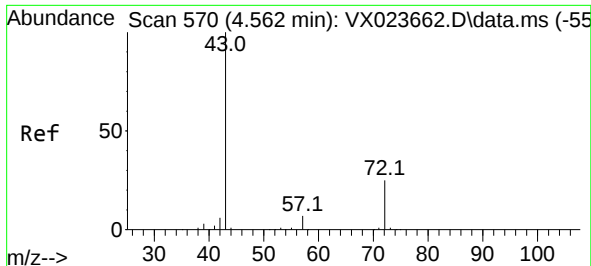
Ion Ratio Lower Upper

96 100

61 127.0 87.8 163.0

68 0.0 0.0 0.0

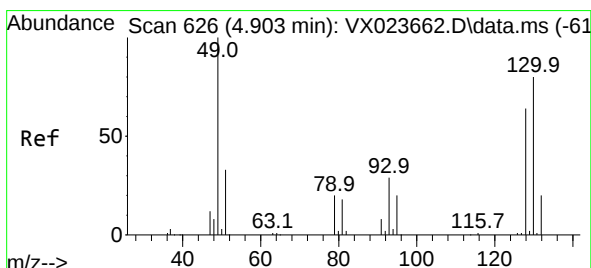
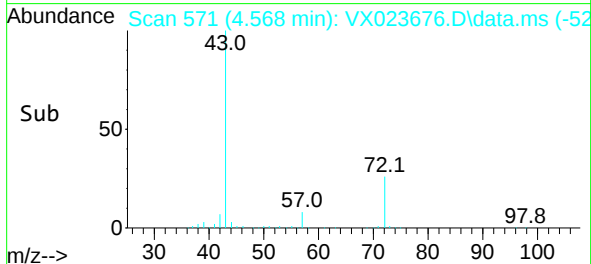
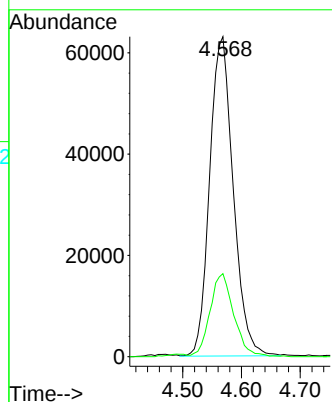
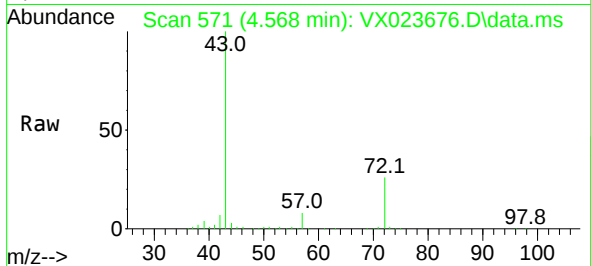




#22
2-Butanone
Concen: 95.068 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

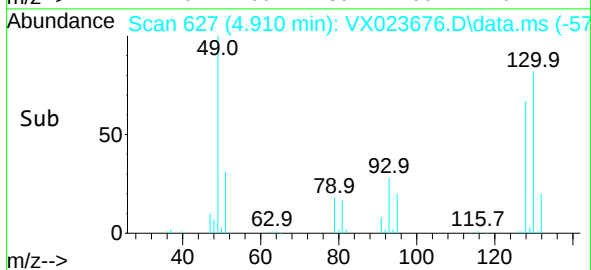
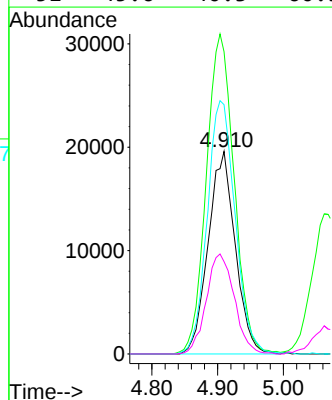
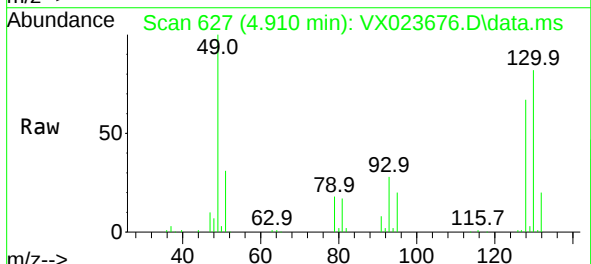
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

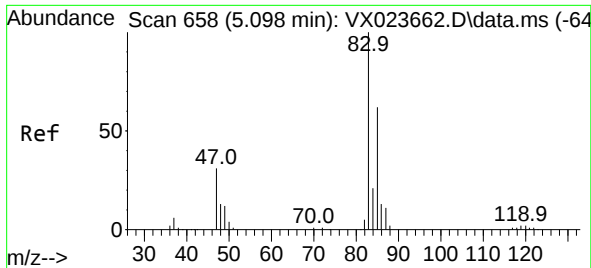
Tgt Ion: 43 Resp: 175714
Ion Ratio Lower Upper
43 100
72 26.2 15.3 45.8



#23
Bromochloromethane
Concen: 53.197 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 128 Resp: 56106
Ion Ratio Lower Upper
128 100
49 149.2 107.5 199.7
130 123.1 91.1 169.3
51 45.6 40.3 60.5

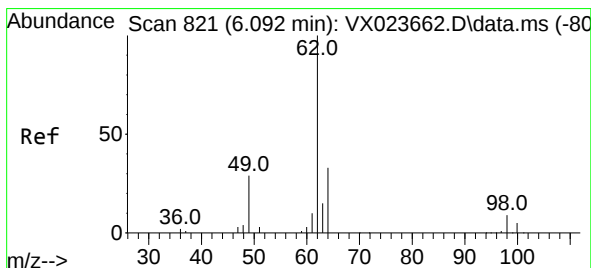
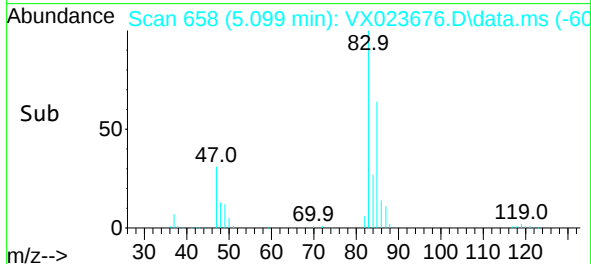
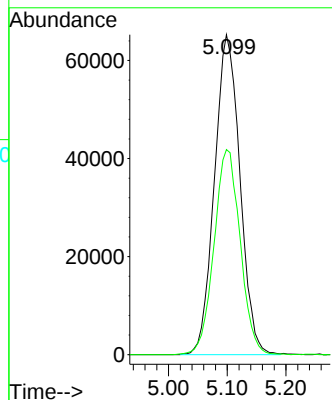
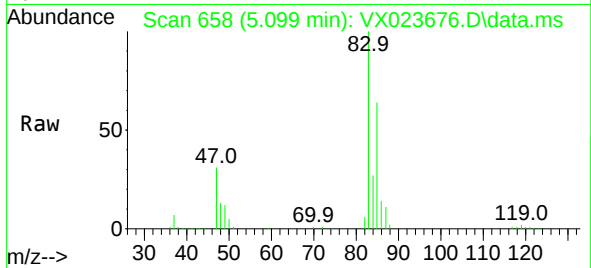




#25
Chloroform
Concen: 54.141 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

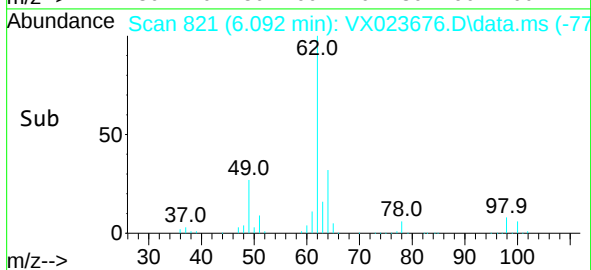
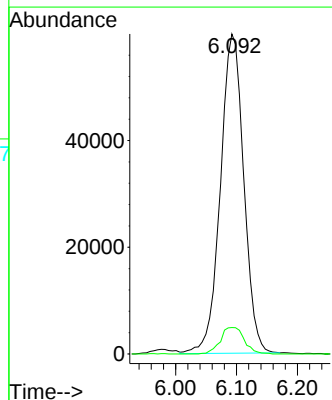
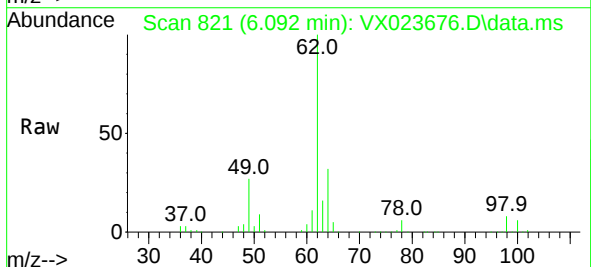
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

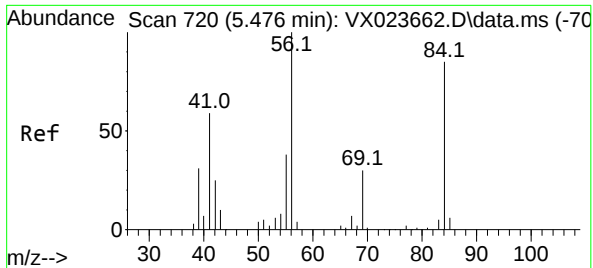
Tgt Ion: 83 Resp: 196876
Ion Ratio Lower Upper
83 100
85 64.1 46.3 85.9



#27
1,2-Dichloroethane
Concen: 54.285 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 62 Resp: 159210
Ion Ratio Lower Upper
62 100
98 8.3 7.9 11.9

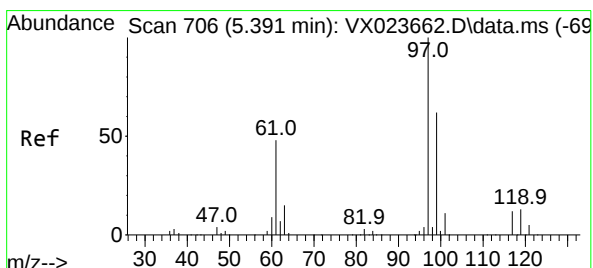
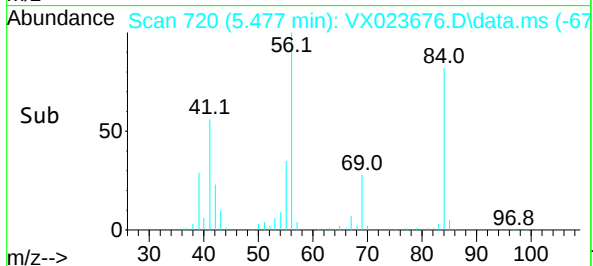
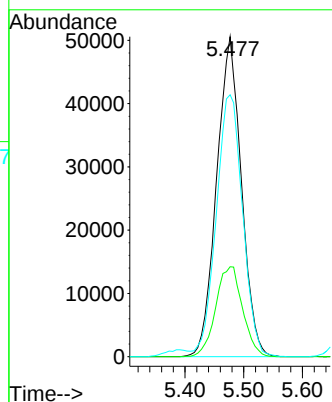
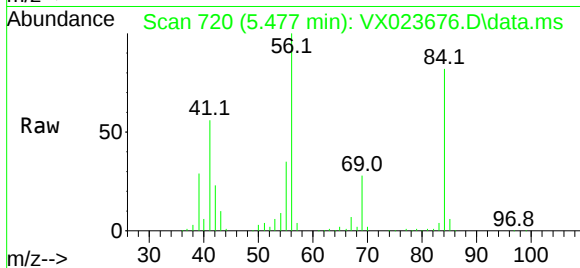




#29
Cyclohexane
Concen: 53.930 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

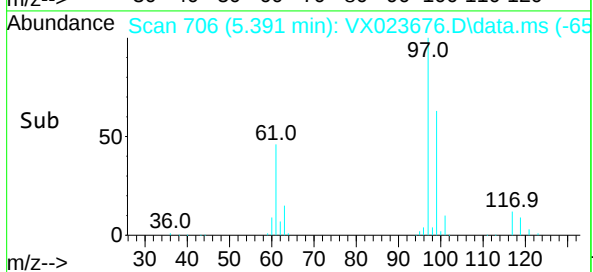
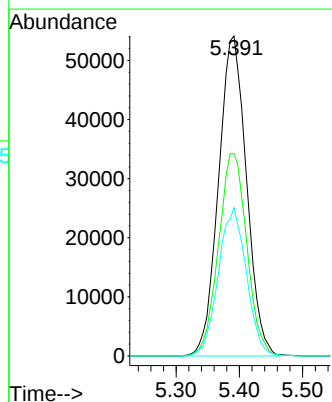
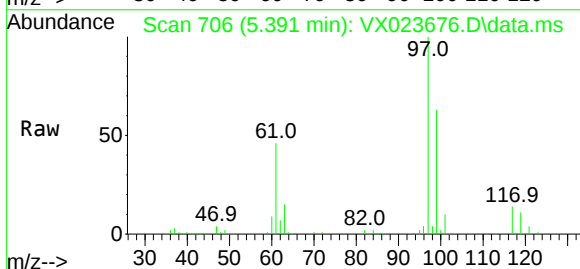
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

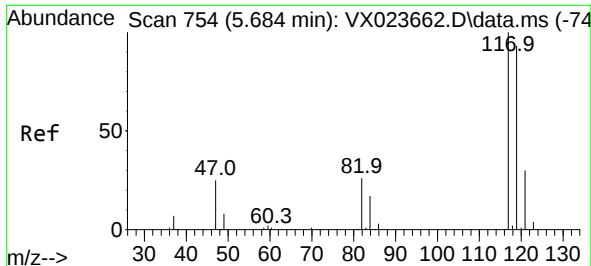
Tgt Ion:	56	Resp:	147931
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.7	38.5
84	87.4	72.4	108.6



#30
1,1,1-Trichloroethane
Concen: 53.928 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion:	97	Resp:	166058
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.1	78.1
61	46.4	35.3	52.9

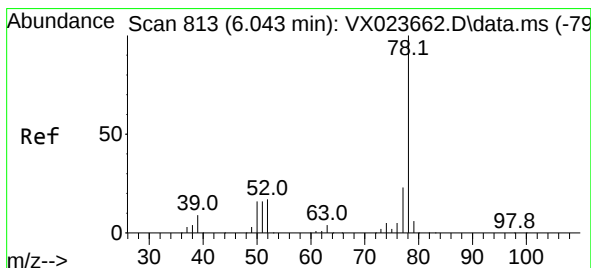
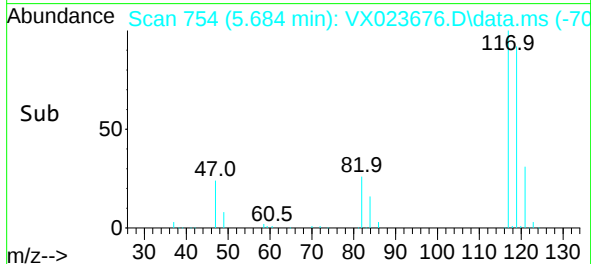
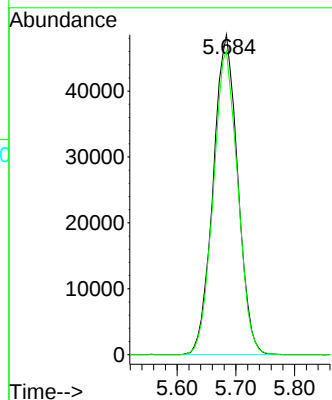
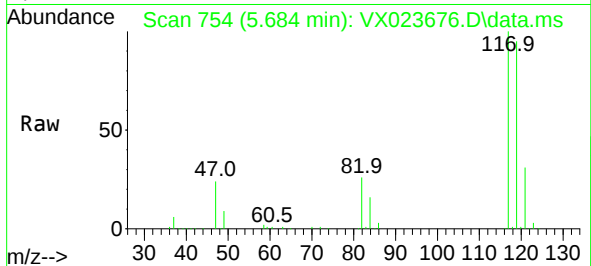




#31
Carbon tetrachloride
Concen: 54.491 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

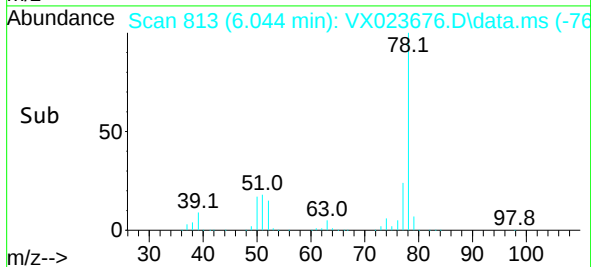
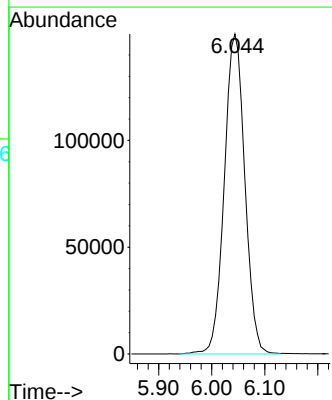
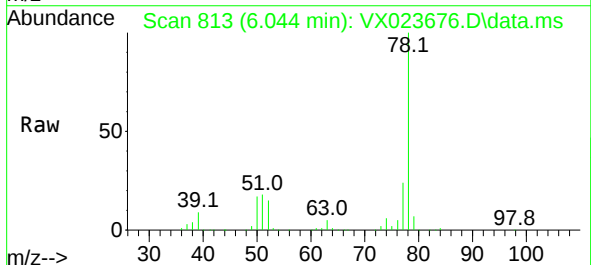
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

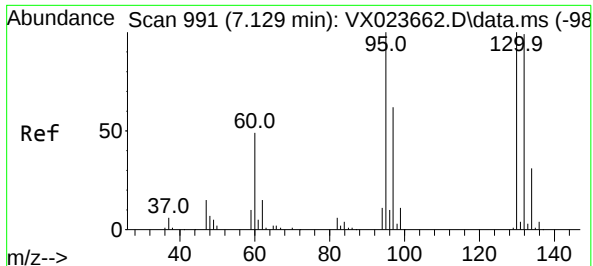
Tgt Ion:117 Resp: 140905
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3



#33
Benzene
Concen: 54.149 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 78 Resp: 403149

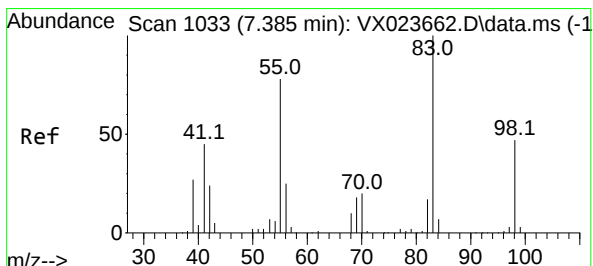
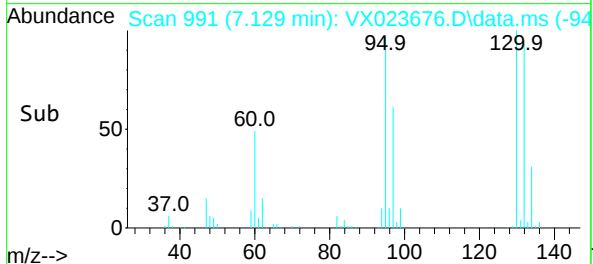
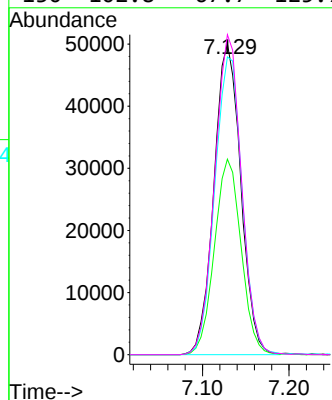
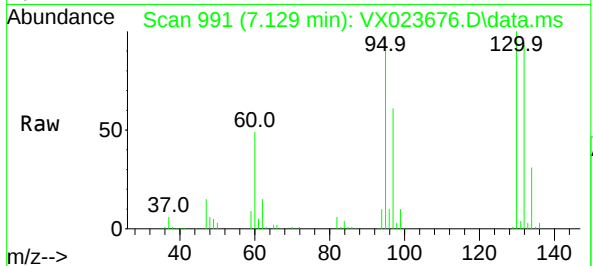




#34
Trichloroethene
Concen: 54.073 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

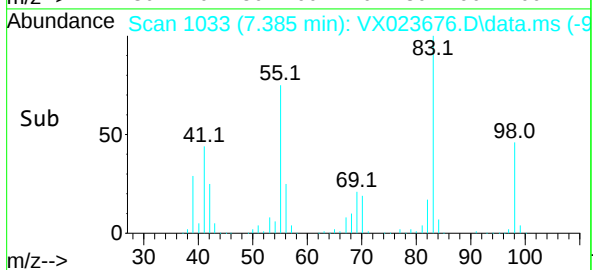
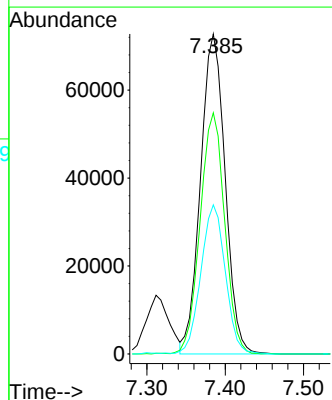
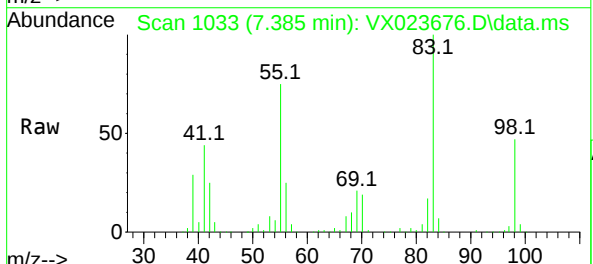
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

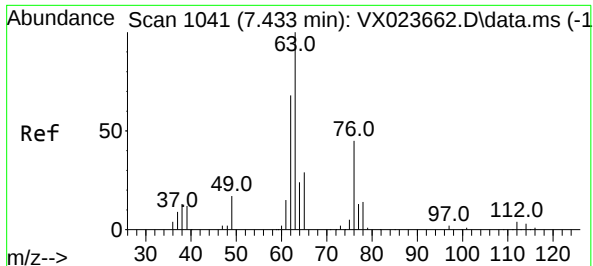
Tgt Ion: 95 Resp: 107692
Ion Ratio Lower Upper
95 100
97 62.8 44.5 82.7
132 95.7 65.2 121.0
130 102.8 67.7 125.7



#35
Methylcyclohexane
Concen: 55.521 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 83 Resp: 158822
Ion Ratio Lower Upper
83 100
55 75.2 61.2 91.8
98 46.2 38.7 58.1





#37

1,2-Dichloropropane

Concen: 54.487 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX023676.D

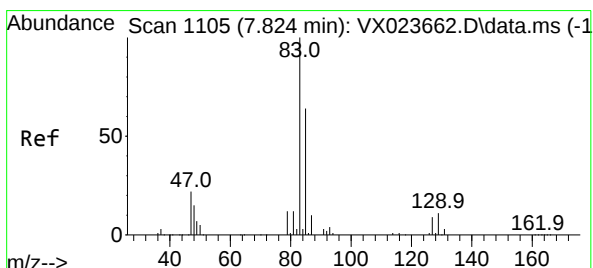
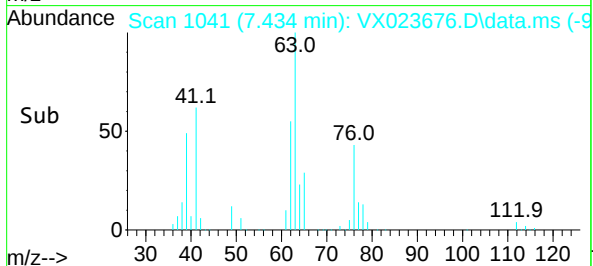
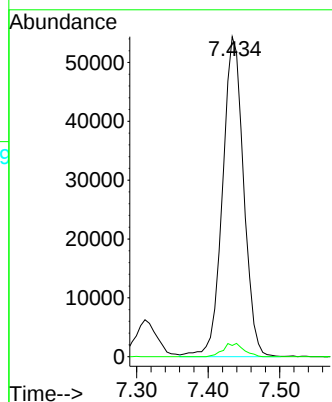
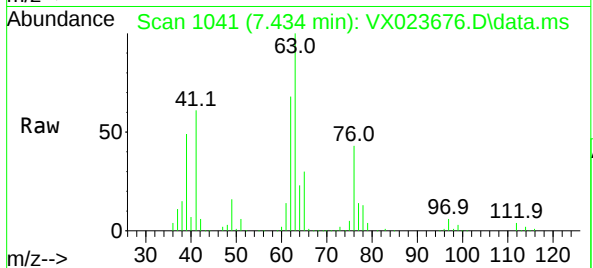
Acq: 12 Aug 2021 16:06

Tgt Ion: 63 Resp: 111298

Ion Ratio Lower Upper

63 100

112 4.1 3.6 5.4



#38

Bromodichloromethane

Concen: 54.313 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX023676.D

Acq: 12 Aug 2021 16:06

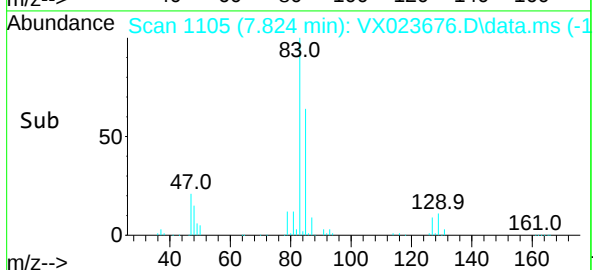
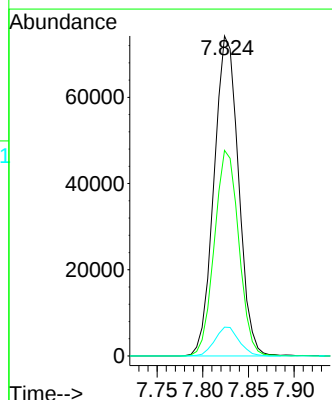
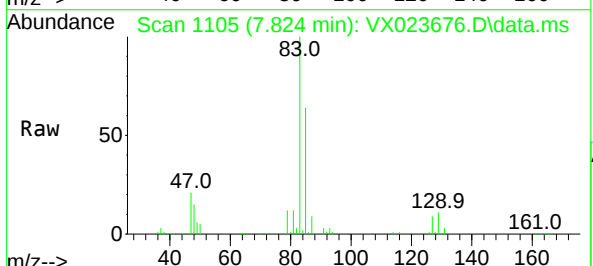
Tgt Ion: 83 Resp: 138395

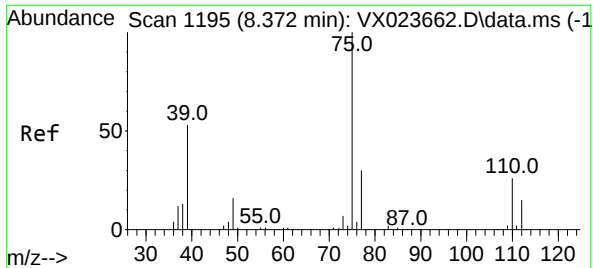
Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.7

127 9.0 6.6 10.0

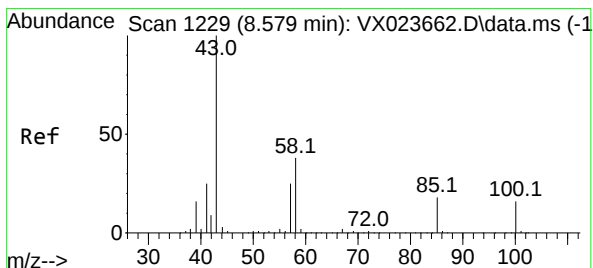
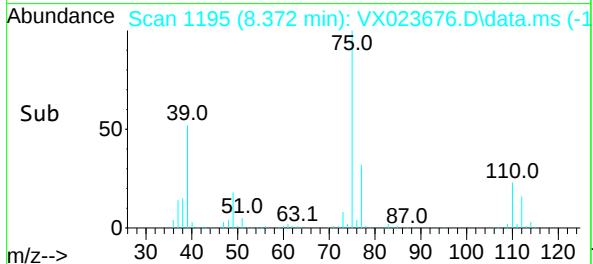
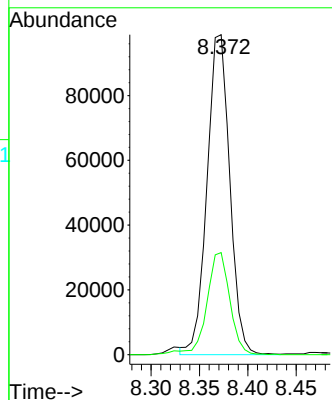
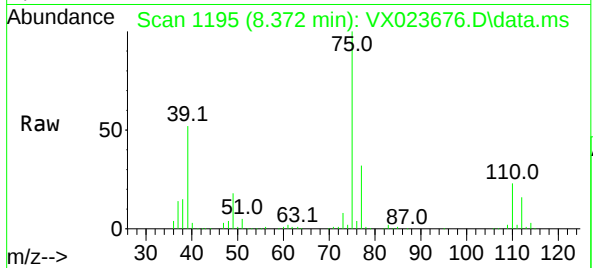




#39
 cis-1,3-Dichloropropene
 Concen: 54.178 ug/L
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

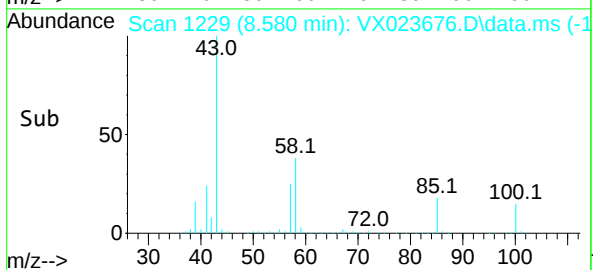
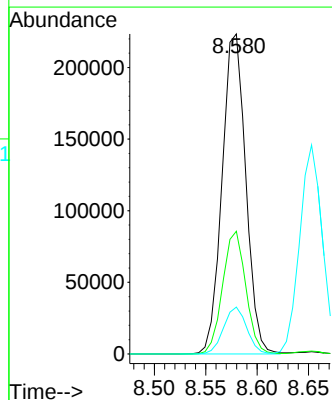
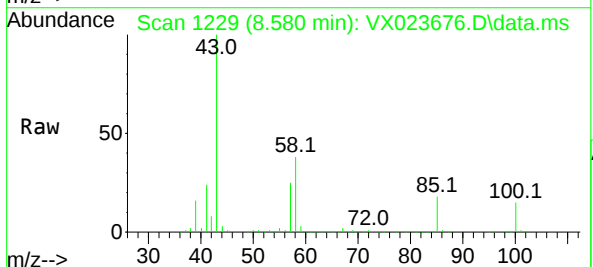
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050686

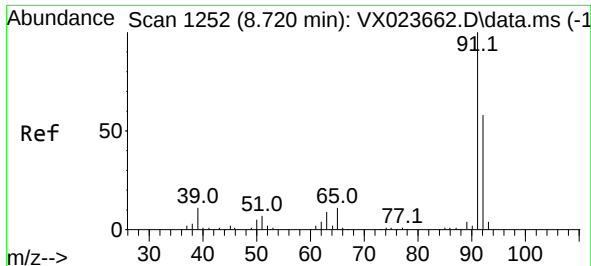
Tgt Ion: 75 Resp: 162018
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 108.771 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

Tgt Ion: 43 Resp: 358047
 Ion Ratio Lower Upper
 43 100
 58 37.5 35.0 52.4
 100 14.4 14.2 21.4

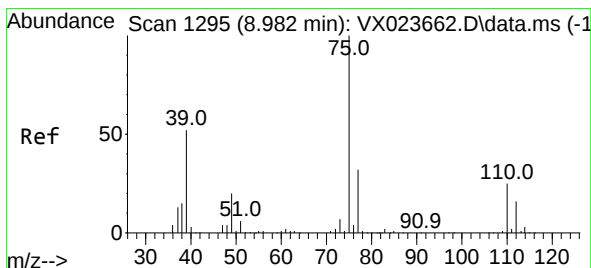
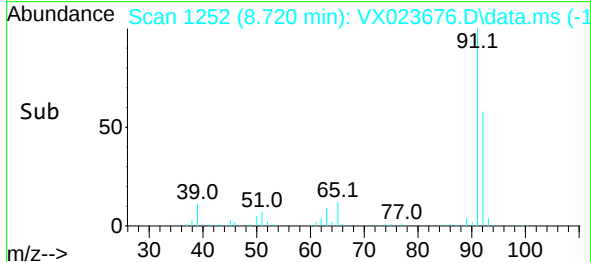
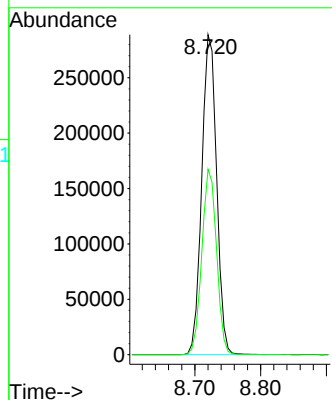
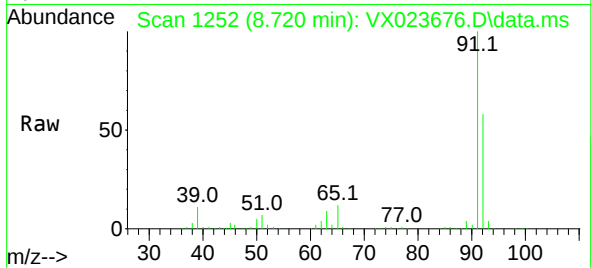




#42
Toluene
Concen: 54.912 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

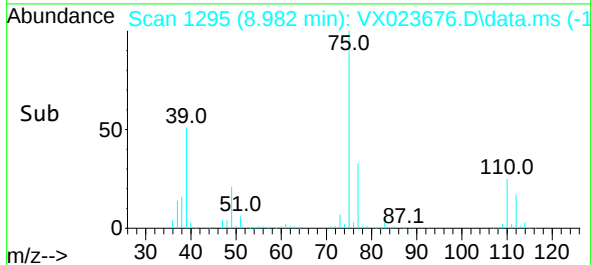
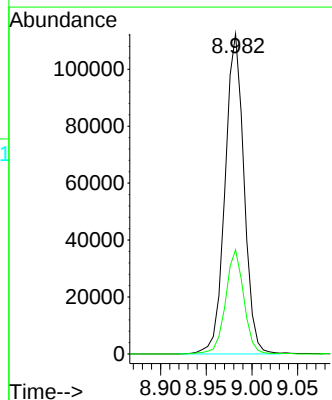
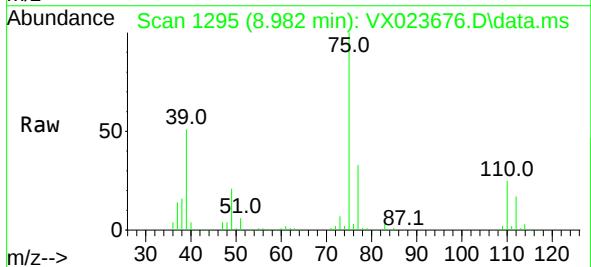
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

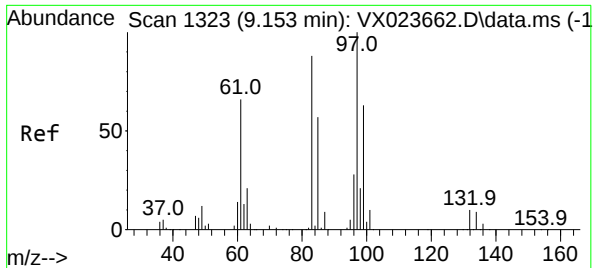
Tgt Ion: 91 Resp: 453318
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 53.824 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 75 Resp: 162109
Ion Ratio Lower Upper
75 100
77 32.5 22.4 41.6



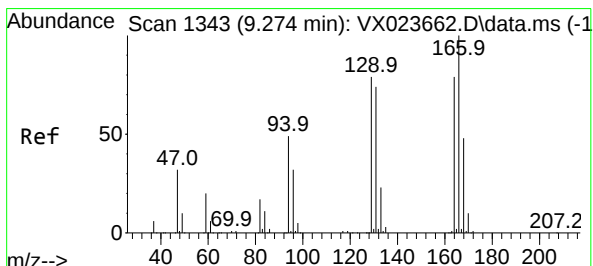
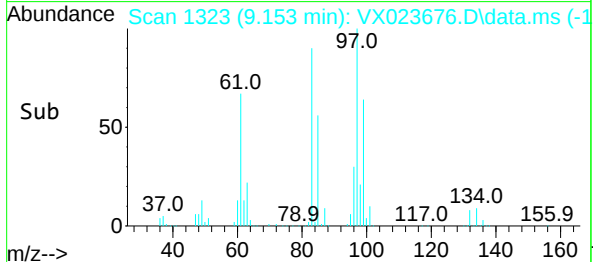
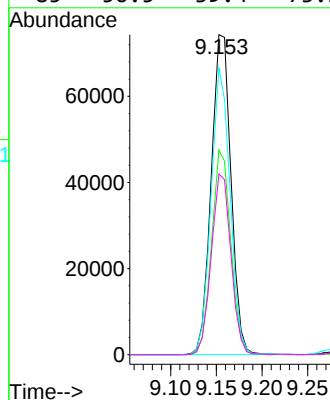
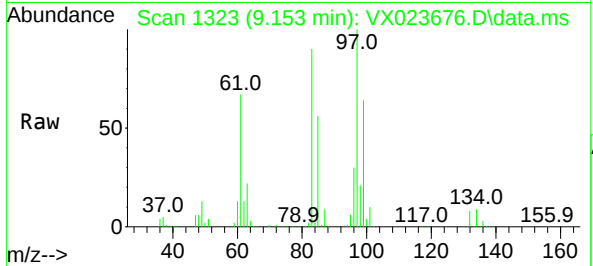


#45
1,1,2-Trichloroethane
Concen: 53.910 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

Tgt Ion: 97 Resp: 111880

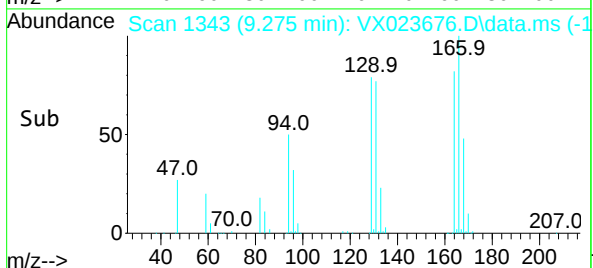
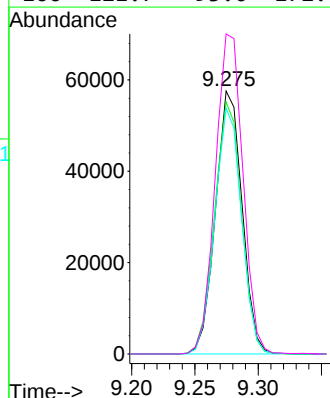
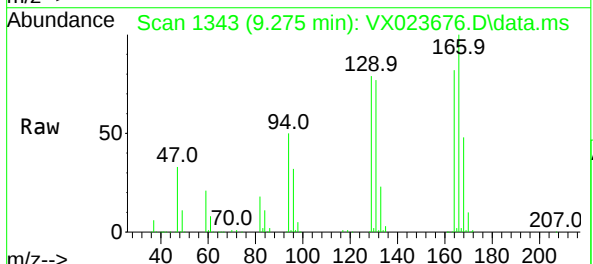
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.0	81.6
83	89.5	60.8	113.0
85	56.5	39.4	73.2

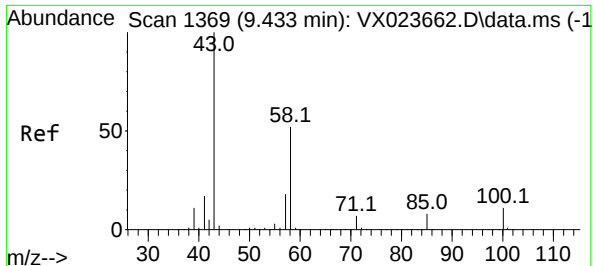


#46
Tetrachloroethene
Concen: 55.554 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 164 Resp: 83958

Ion	Ratio	Lower	Upper
164	100		
129	95.9	65.6	121.8
131	93.4	63.7	118.3
166	121.7	93.0	172.6

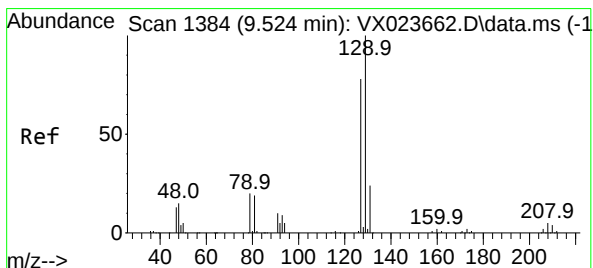
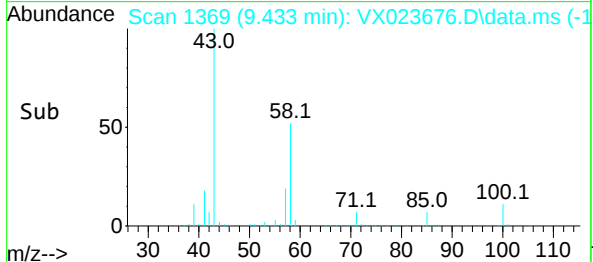
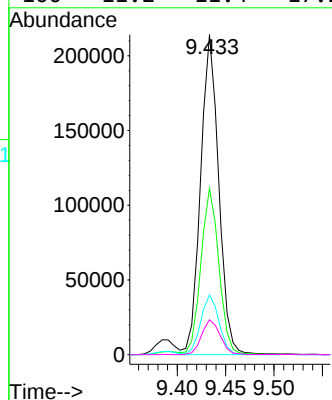
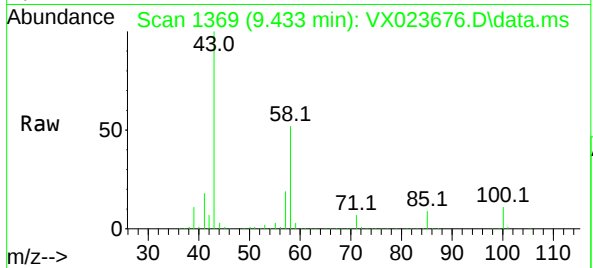




#48
2-Hexanone
Concen: 105.648 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

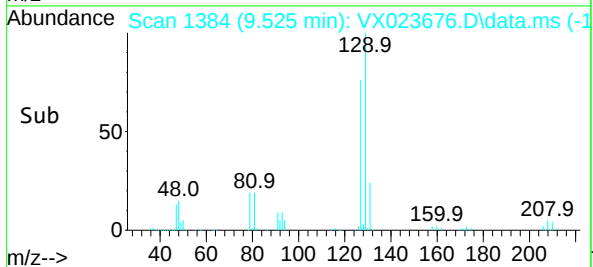
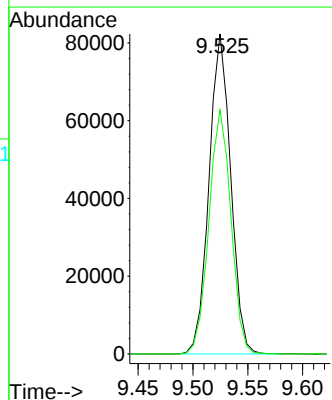
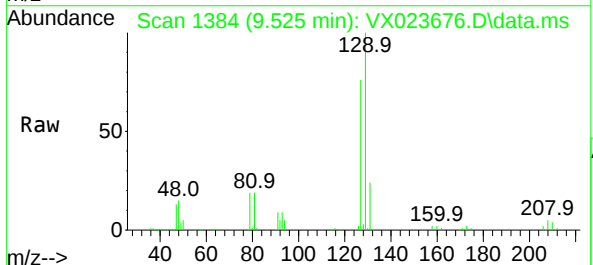
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

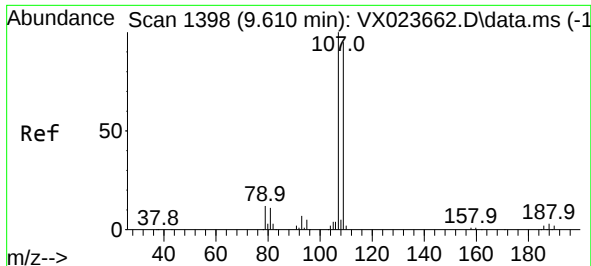
Tgt Ion:	43	Resp:	280845
Ion	Ratio	Lower	Upper
43	100		
58	51.5	50.1	75.1
57	18.7	17.3	25.9
100	11.2	11.4	17.2#



#49
Dibromochloromethane
Concen: 54.137 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion:	129	Resp:	113365
Ion	Ratio	Lower	Upper
129	100		
127	76.3	52.5	97.5

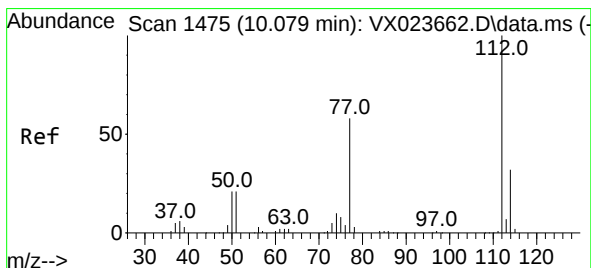
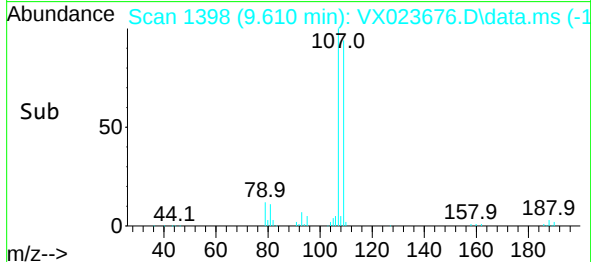
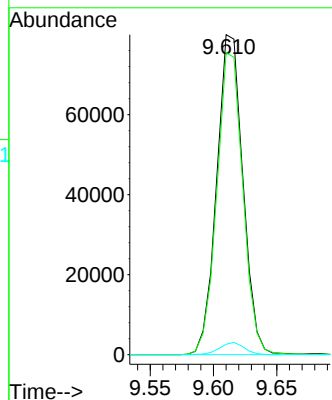
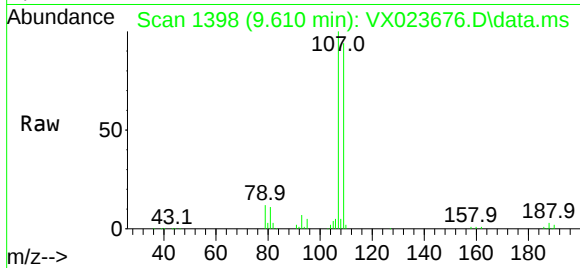




#50
1,2-Dibromoethane
Concen: 54.125 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

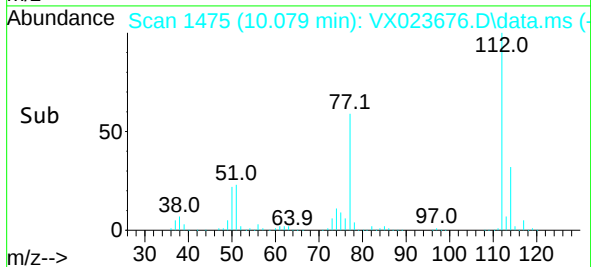
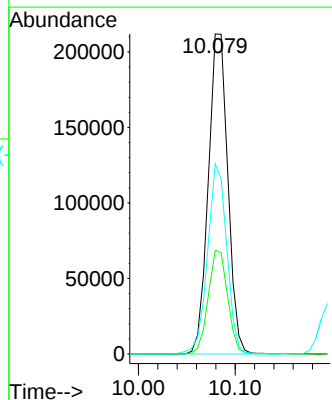
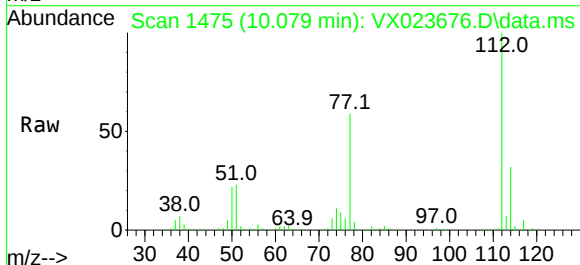
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

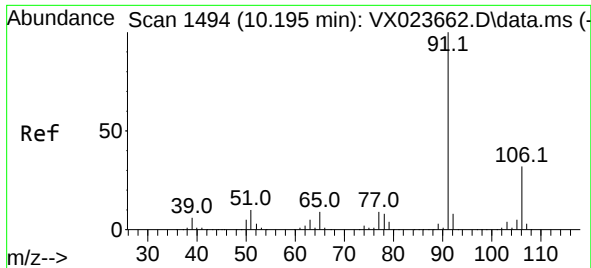
Tgt Ion:107 Resp: 115003
Ion Ratio Lower Upper
107 100
109 94.4 66.4 123.4
188 3.3 3.2 4.8



#51
Chlorobenzene
Concen: 54.401 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion:112 Resp: 298347
Ion Ratio Lower Upper
112 100
114 32.4 23.2 43.2
77 59.4 48.4 72.6

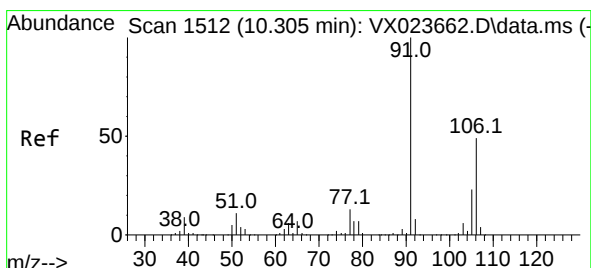
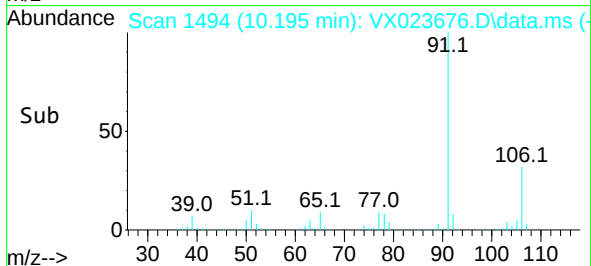
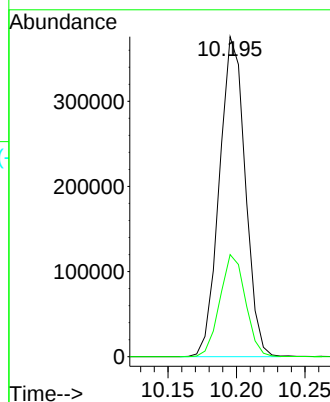
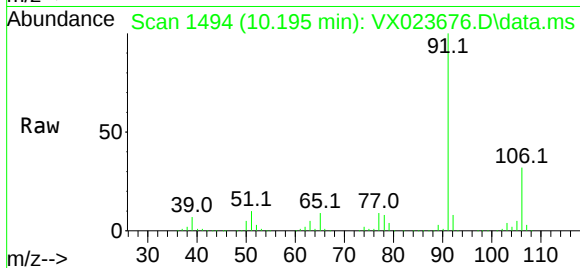




#52
Ethylbenzene
Concen: 54.564 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

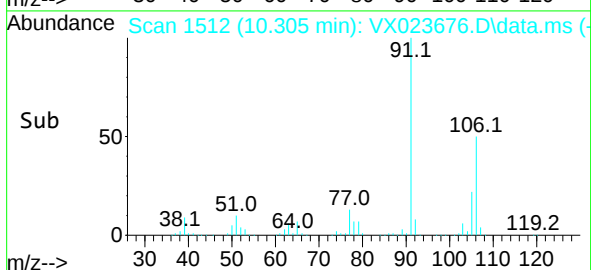
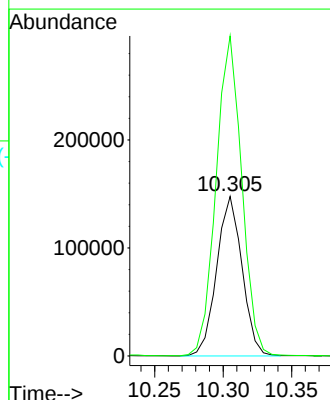
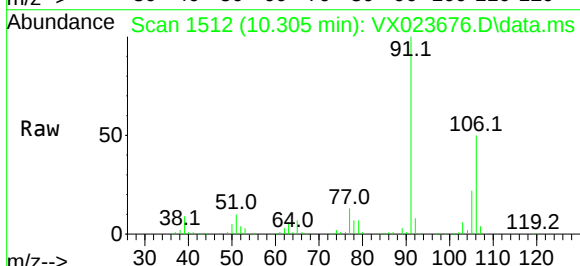
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

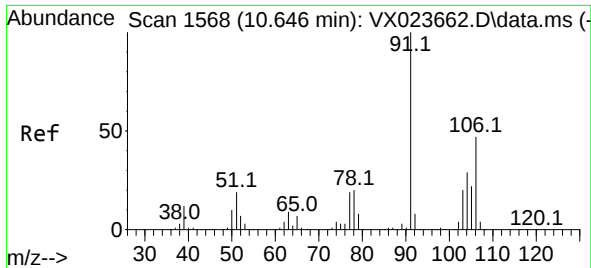
Tgt Ion: 91 Resp: 493062
Ion Ratio Lower Upper
91 100
106 31.9 21.0 39.0



#53
m,p-Xylene
Concen: 55.183 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 106 Resp: 190155
Ion Ratio Lower Upper
106 100
91 200.5 142.5 264.6

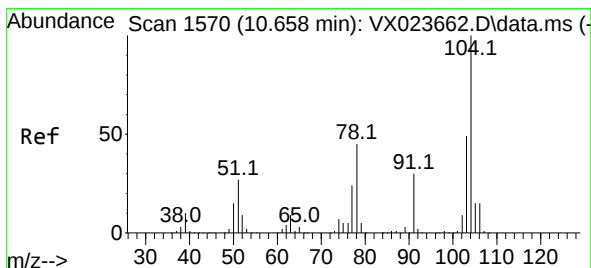
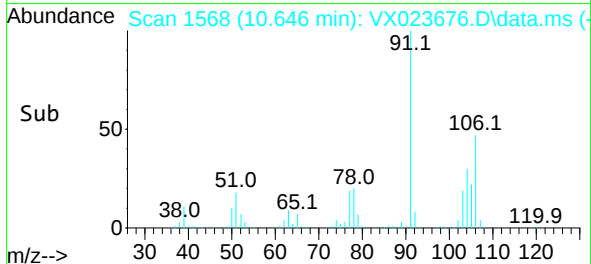
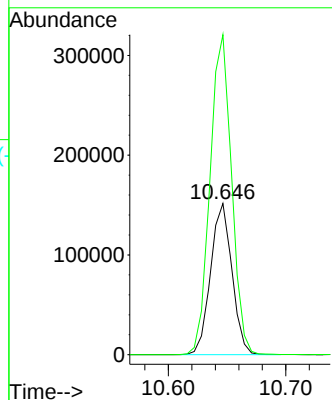
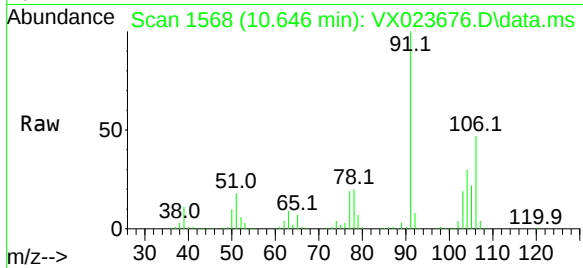




#54
o-Xylene
Concen: 55.806 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

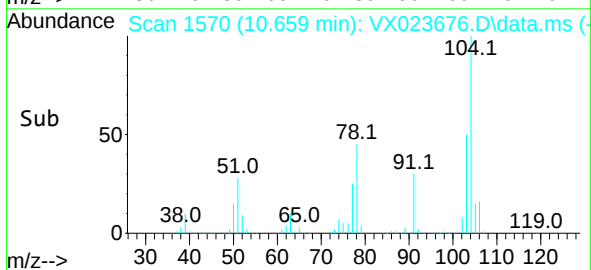
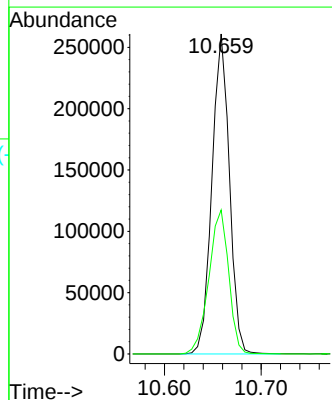
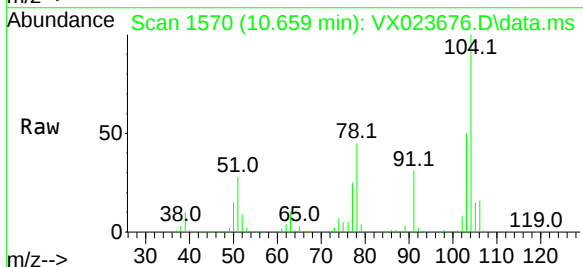
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

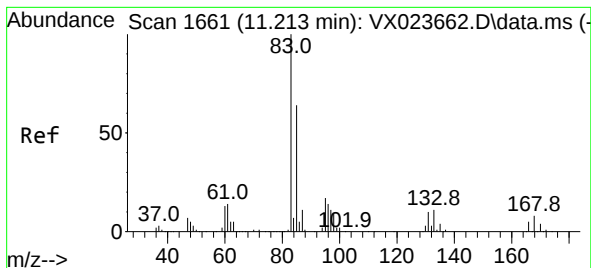
Tgt Ion:106 Resp: 191551
Ion Ratio Lower Upper
106 100
91 211.7 156.2 290.0



#55
Styrene
Concen: 56.497 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion:104 Resp: 326667
Ion Ratio Lower Upper
104 100
78 45.0 30.0 55.6

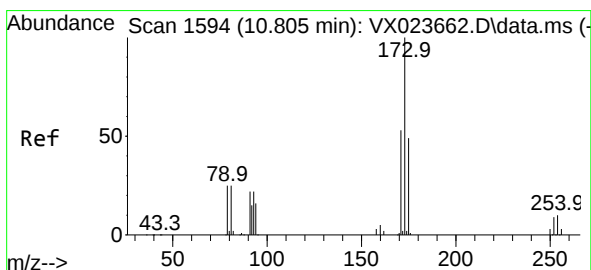
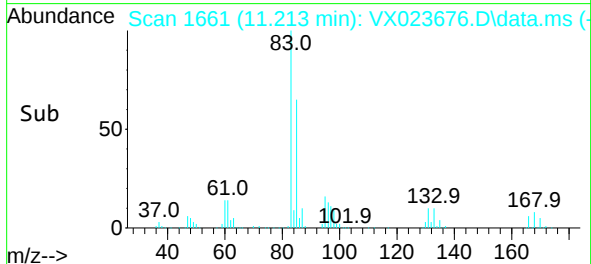
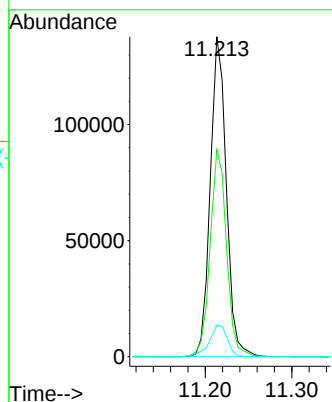
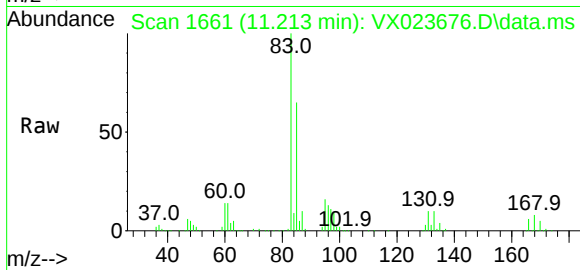




#57
1,1,2,2-Tetrachloroethane
Concen: 56.233 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

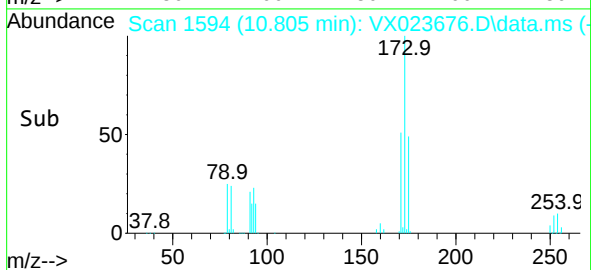
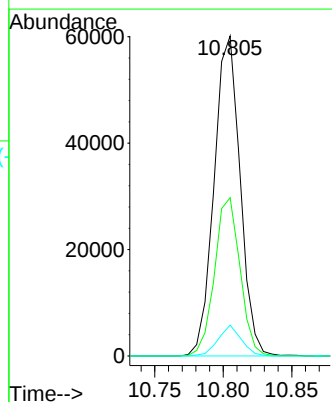
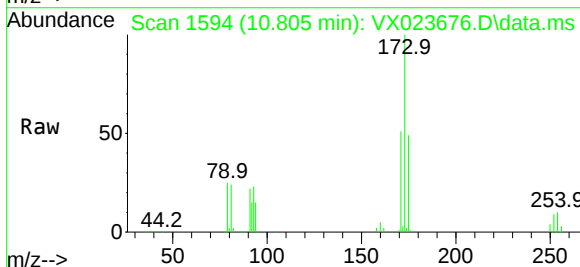
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

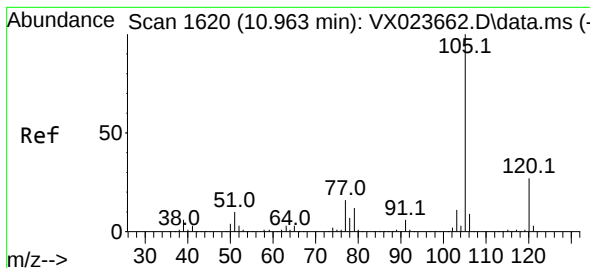
Tgt Ion: 83 Resp: 177383
Ion Ratio Lower Upper
83 100
85 64.7 44.7 82.9
131 9.9 7.8 11.8



#59
Bromoform
Concen: 52.395 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 173 Resp: 79358
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.2
254 8.6 8.6 13.0#

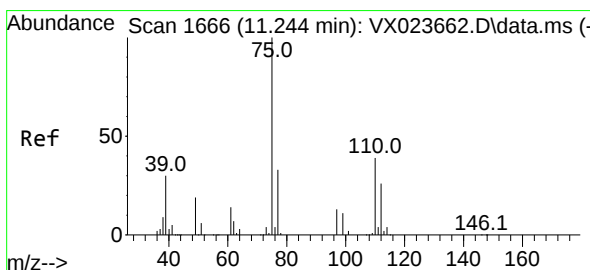
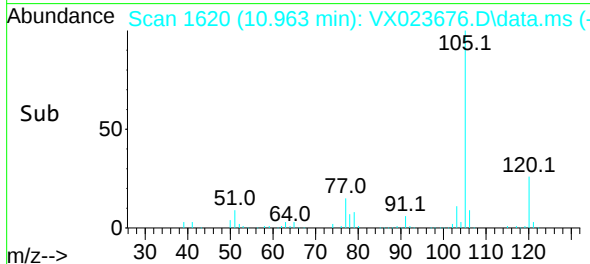
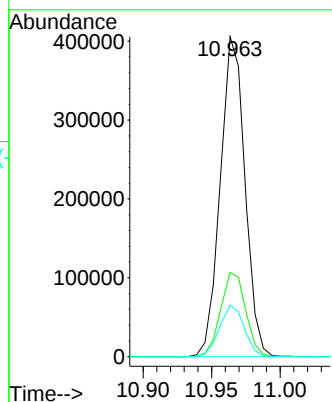
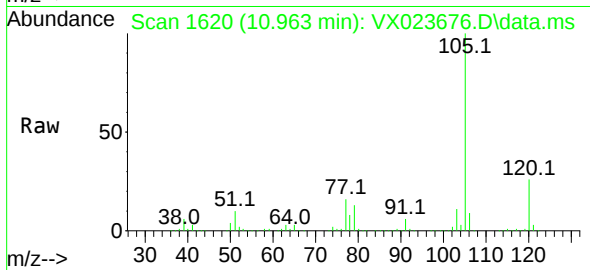




#60
Isopropylbenzene
Concen: 52.923 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

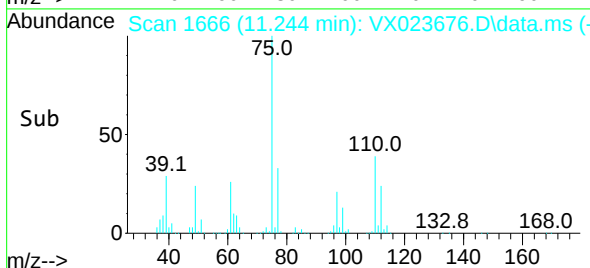
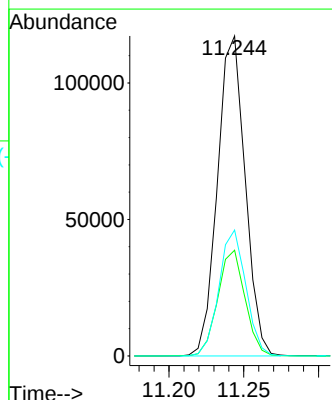
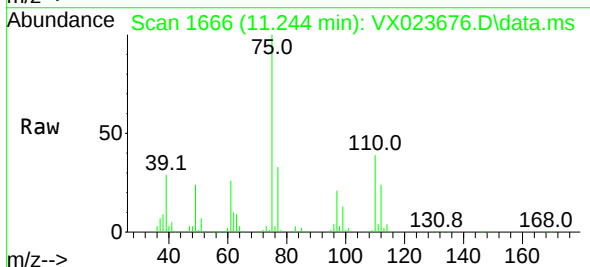
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

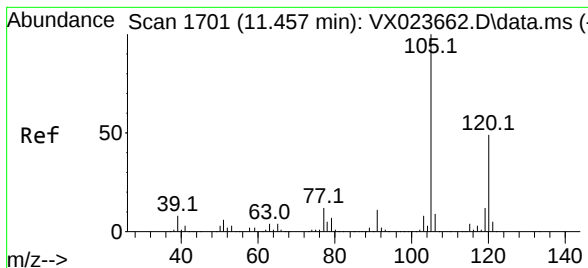
Tgt Ion:105 Resp: 507349
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 16.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 53.209 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 75 Resp: 151180
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 38.3 31.8 47.8

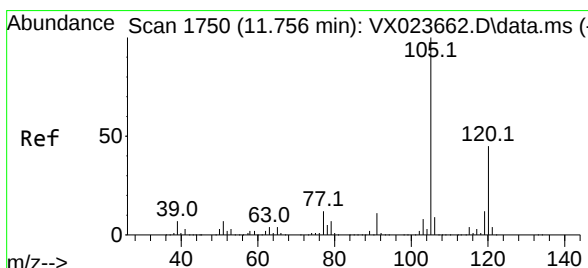
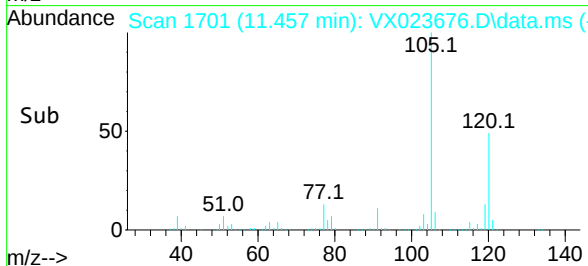
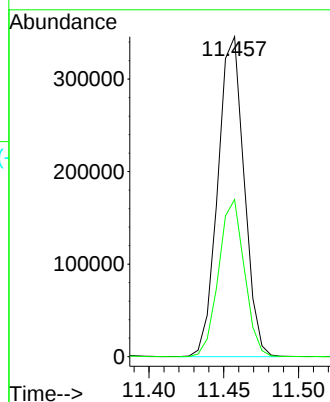
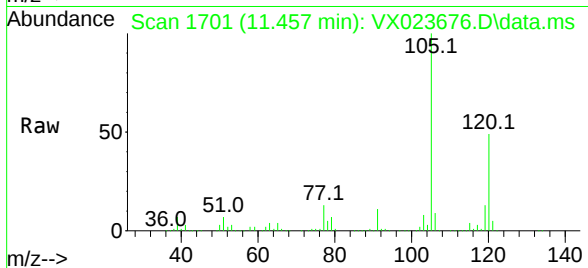




#62
 1,3,5-Trimethylbenzene
 Concen: 54.665 ug/L
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

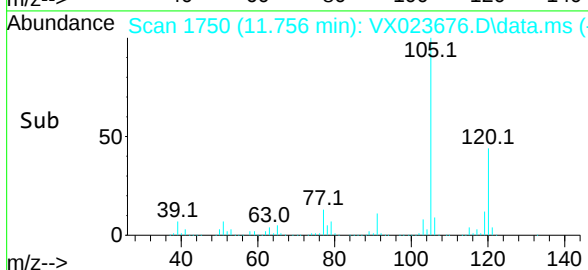
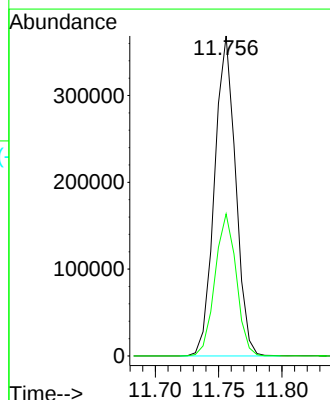
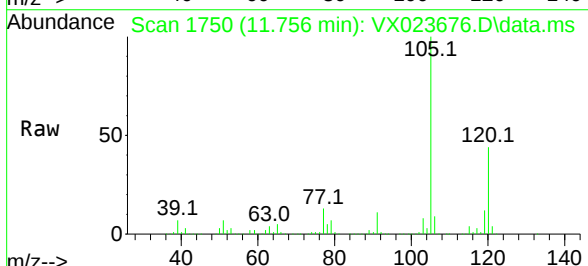
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050686

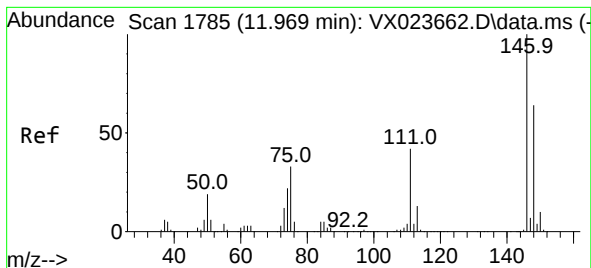
Tgt Ion:105 Resp: 424076
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 54.008 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX023676.D
 Acq: 12 Aug 2021 16:06

Tgt Ion:105 Resp: 425992
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.4 54.6

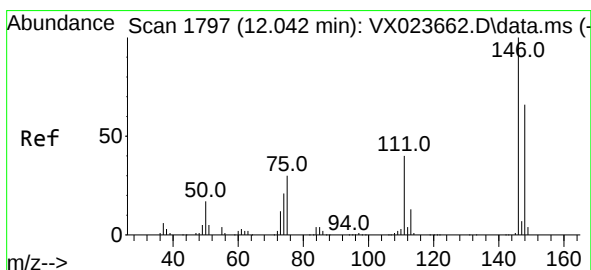
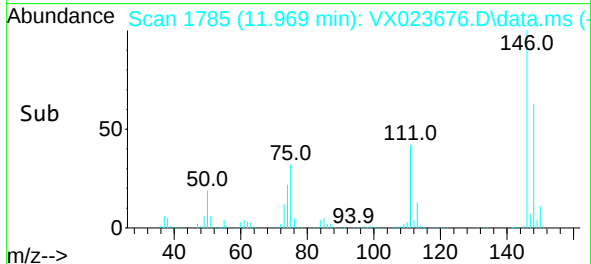
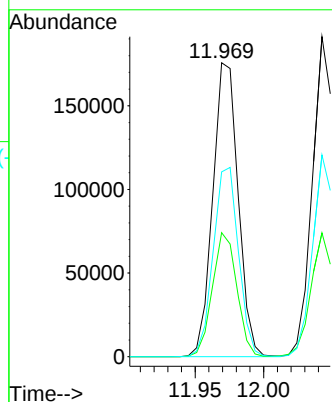
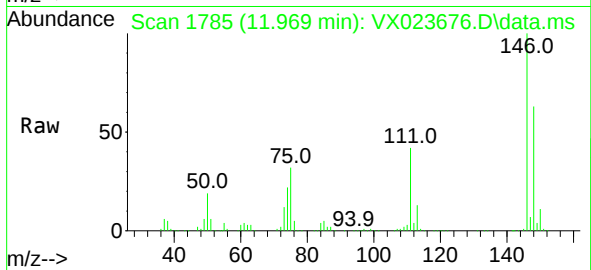




#64
1,3-Dichlorobenzene
Concen: 54.027 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

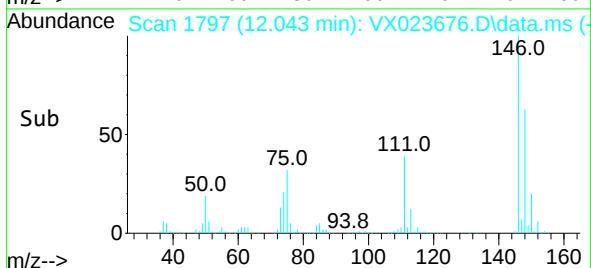
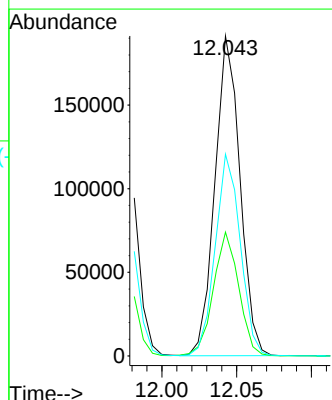
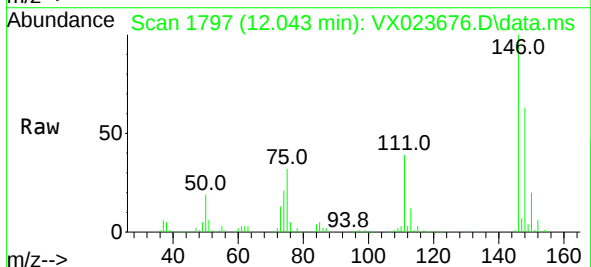
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

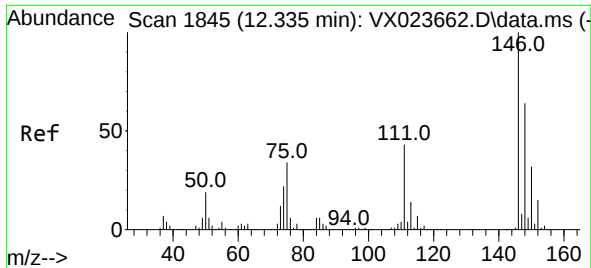
Tgt Ion:146 Resp: 226262
Ion Ratio Lower Upper
146 100
111 42.2 28.9 53.7
148 62.9 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 53.541 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion:146 Resp: 223212
Ion Ratio Lower Upper
146 100
111 38.7 28.7 53.3
148 63.0 45.8 85.2

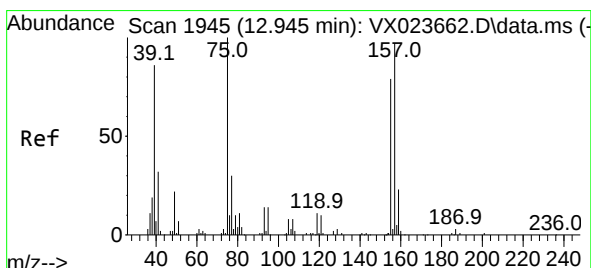
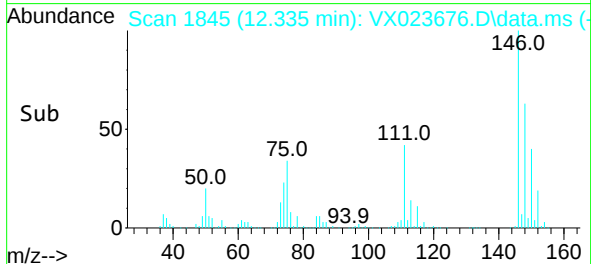
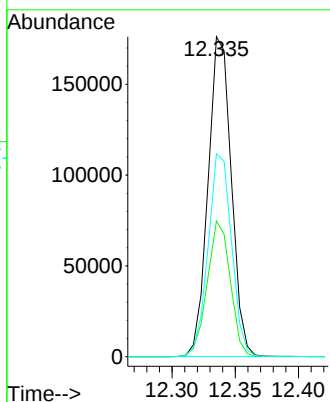
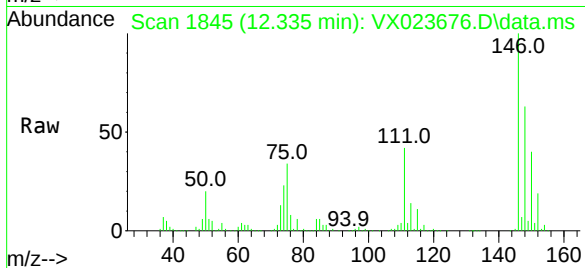




#67
1,2-Dichlorobenzene
Concen: 54.740 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

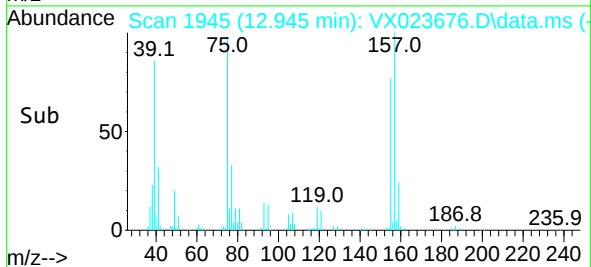
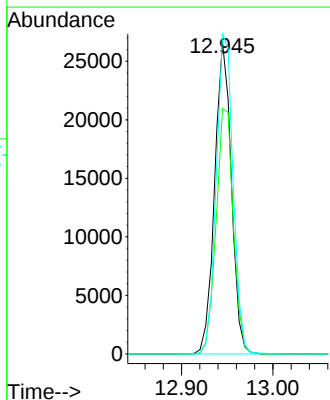
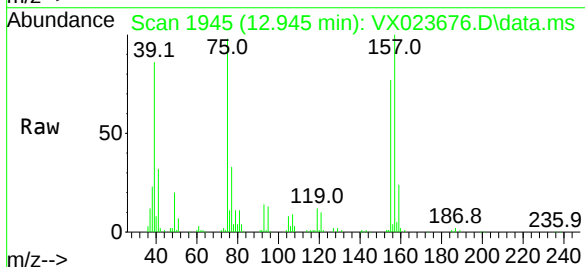
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

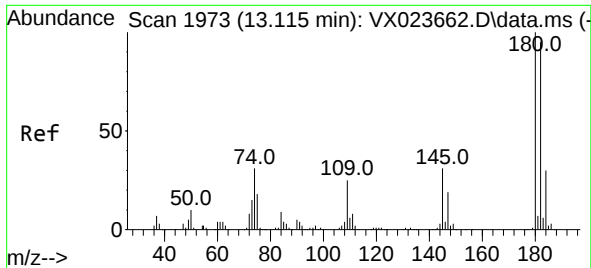
Tgt Ion:146 Resp: 225028
Ion Ratio Lower Upper
146 100
111 42.4 33.8 50.8
148 63.4 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 51.010 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion: 75 Resp: 33746
Ion Ratio Lower Upper
75 100
155 78.6 65.3 97.9
157 102.5 80.5 120.7

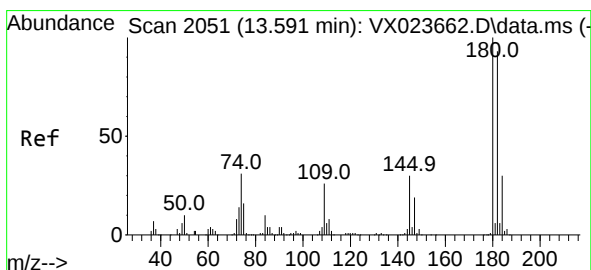
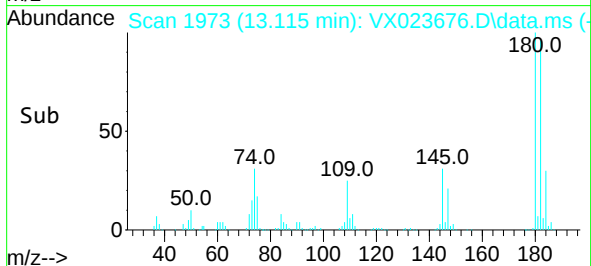
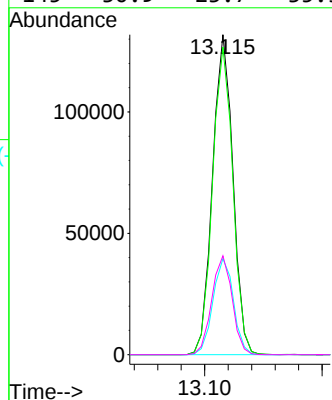
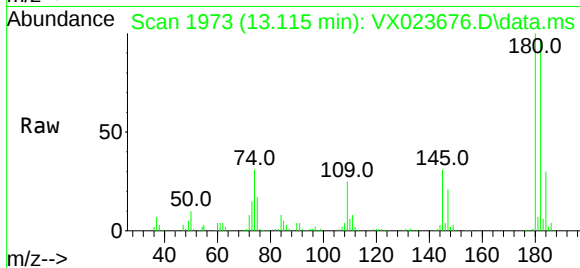




#69
1,3,5-Trichlorobenzene
Concen: 54.881 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

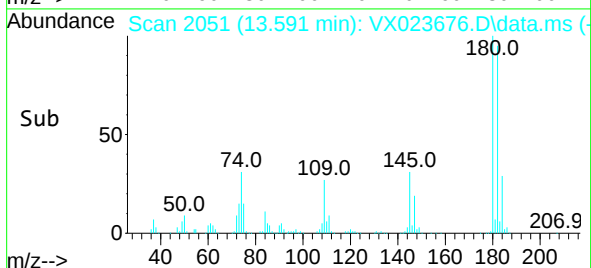
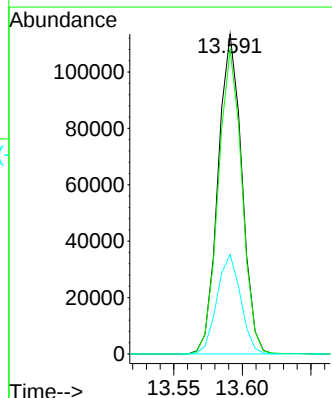
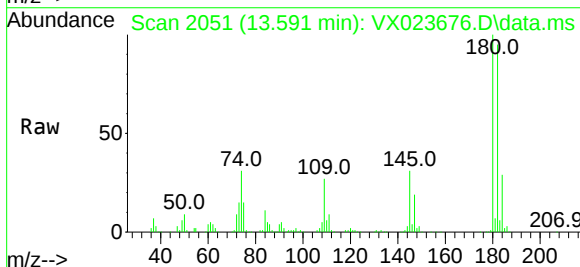
Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

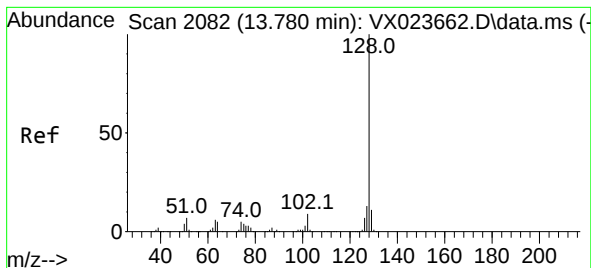
Tgt Ion:180 Resp: 158658
Ion Ratio Lower Upper
180 100
182 95.8 74.8 112.2
184 30.2 24.1 36.1
145 30.9 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 54.719 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion:180 Resp: 136230
Ion Ratio Lower Upper
180 100
182 94.4 74.3 111.5
145 31.0 24.1 36.1

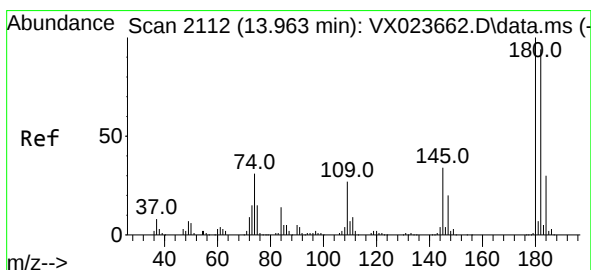
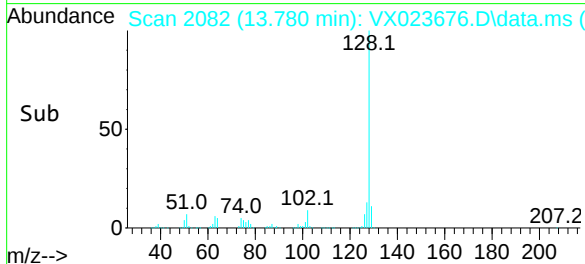
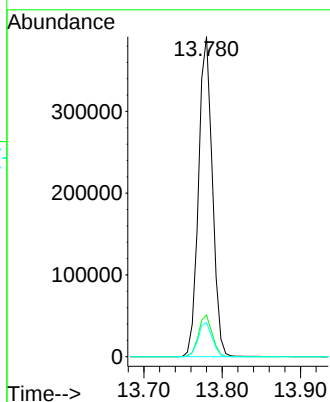
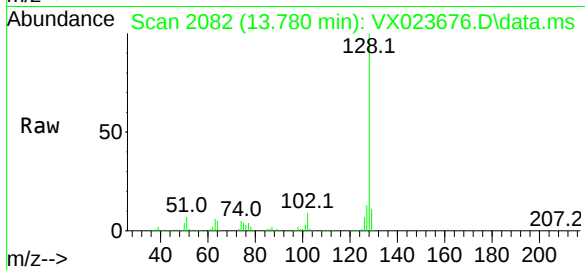




#71
Naphthalene
Concen: 55.680 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Instrument :
MSVOA_X
ClientSampleId :
VSTD050686

Tgt Ion:128 Resp: 480577
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.968 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX023676.D
Acq: 12 Aug 2021 16:06

Tgt Ion:180 Resp: 140978
Ion Ratio Lower Upper
180 100
182 95.0 74.6 112.0
145 33.3 25.6 38.4

