

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX021996.D
 Acq On : 14 May 2021 15:41
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005313

Quant Time: May 14 23:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 13 01:12:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	75260	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	67474	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31481	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27574	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.672	69	22268	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.313	63	51677	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.477	46	62562	42.48	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.96%
24) Chloroform-d	5.068	84	51300	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.964	65	25709	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.976	84	107749	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	7.312	67	32549	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	8.653	98	101194	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloroprop...	8.952	79	13288	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	9.384	63	54153	41.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.28%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22215	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
66) 1,2-Dichlorobenzene-d4	12.323	152	30741	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34244	5.06	ug/L	99
3) Chloromethane	1.288	50	32645	4.72	ug/L	97
5) Vinyl chloride	1.374	62	35217	4.76	ug/L	97
6) Bromomethane	1.617	94	15479	3.87	ug/L	92
8) Chloroethane	1.691	64	21120	4.74	ug/L	95
9) Trichlorofluoromethane	1.892	101	48291	4.98	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	29449	5.22	ug/L	99
12) 1,1-Dichloroethene	2.319	96	27431	5.06	ug/L #	78
13) Acetone	2.404	43	39864	52.91	ug/L	98
14) Carbon disulfide	2.514	76	86391	4.92	ug/L	100
15) Methyl Acetate	2.709	43	10959	4.56	ug/L	96
16) Methylene chloride	2.788	84	38975	5.23	ug/L	94
17) Methyl tert-butyl Ether	3.117	73	68127	5.08	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	28981	4.95	ug/L	92
19) 1,1-Dichloroethane	3.611	63	52546	5.21	ug/L	99
21) 2-Butanone	4.574	43	70331	50.70	ug/L	100
22) cis-1,2-Dichloroethene	4.495	96	32139	5.08	ug/L	98
23) Bromochloromethane	4.904	128	12388	5.02	ug/L	97
25) Chloroform	5.099	83	53182	5.07	ug/L	95

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 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

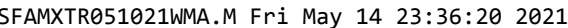
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005313

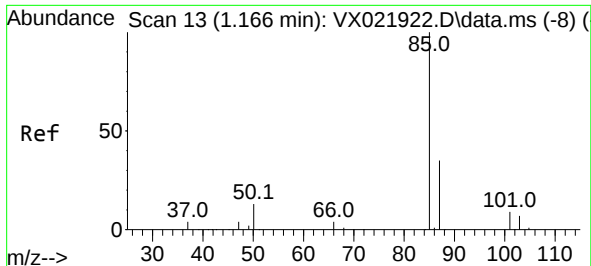
Quant Time: May 14 23:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 13 01:12:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	31477	5.15	ug/L	96
29) 1,1,1-Trichloroethane	5.391	97	47313	5.08	ug/L	99
30) Cyclohexane	5.477	56	51060	5.12	ug/L	97
31) Carbon tetrachloride	5.678	117	40119	5.08	ug/L	97
33) Benzene	6.044	78	119496	5.13	ug/L	100
34) Trichloroethene	7.129	95	31706	5.23	ug/L	91
35) Methylcyclohexane	7.385	83	53214	5.13	ug/L	99
37) 1,2-Dichloropropane	7.434	63	28787	5.08	ug/L	99
38) Bromodichloromethane	7.824	83	36414	5.01	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	45105	5.10	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	179940	51.04	ug/L	100
42) Toluene	8.720	91	127519	5.15	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	37631	5.15	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	20113	5.16	ug/L	90
47) Tetrachloroethene	9.275	164	21138	5.22	ug/L	97
48) 2-Hexanone	9.433	43	127483	51.79	ug/L	99
49) Dibromochloromethane	9.525	129	22439	4.92	ug/L	96
50) 1,2-Dibromoethane	9.610	107	18578	5.17	ug/L	100
51) Chlorobenzene	10.079	112	80459	5.24	ug/L	97
52) Ethylbenzene	10.195	91	144546	5.23	ug/L	99
53) m,p-xylene	10.305	106	56493	5.31	ug/L	95
54) o-xylene	10.646	106	53025	5.16	ug/L	93
55) Styrene	10.659	104	88129	5.11	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	22993	5.02	ug/L	97
59) Bromoform	10.805	173	10853	5.03	ug/L	100
60) Isopropylbenzene	10.963	105	142267	5.30	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	17559	5.38	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	120988	5.37	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	123003	5.30	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	57172	5.19	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	57598	5.26	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	52324	5.19	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	3844	4.92	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.115	180	41448	5.28	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	35072	5.25	ug/L	95
71) Naphthalene	13.780	128	77366	5.37	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	30744	5.22	ug/L	99

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

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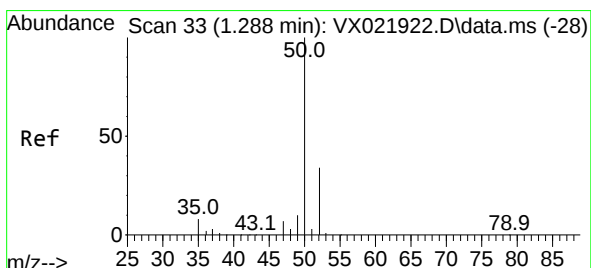
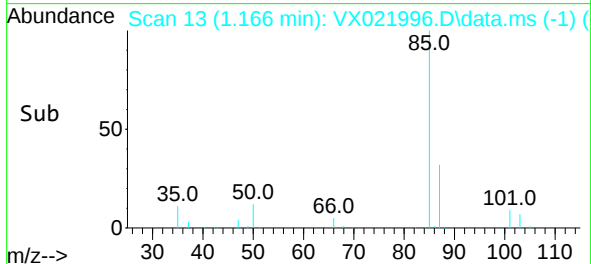
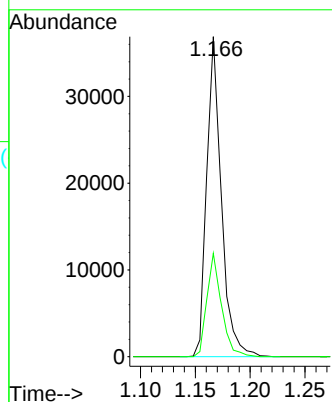
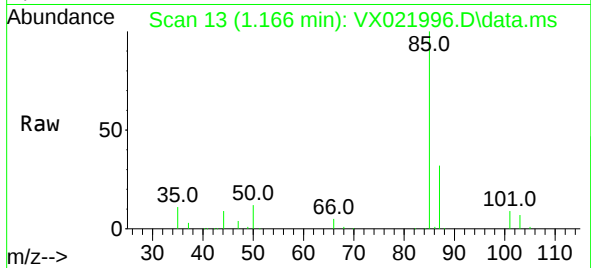




#2
Dichlorodifluoromethane
Concen: 5.06 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

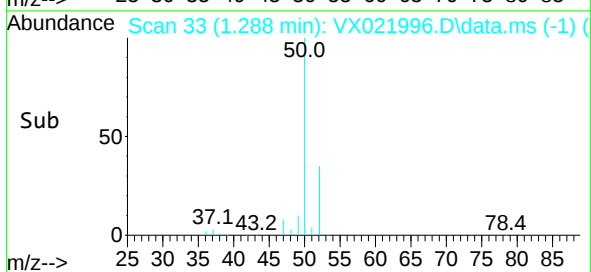
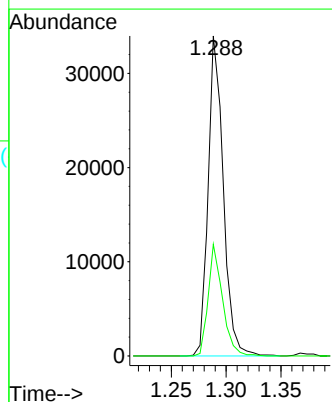
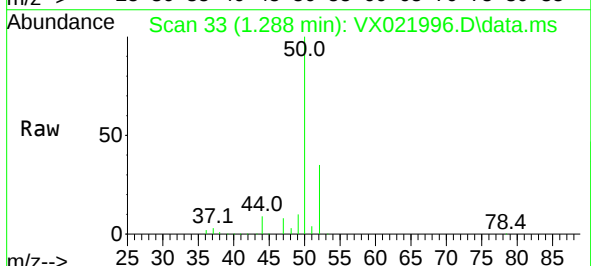
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

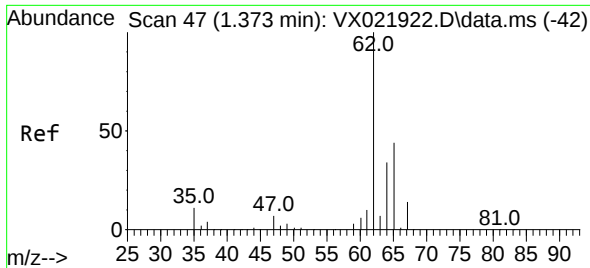
Tgt Ion: 85 Resp: 34244
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6



#3
Chloromethane
Concen: 4.72 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 50 Resp: 32645
Ion Ratio Lower Upper
50 100
52 34.9 23.3 43.3

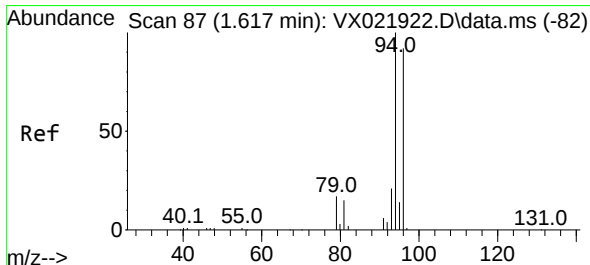
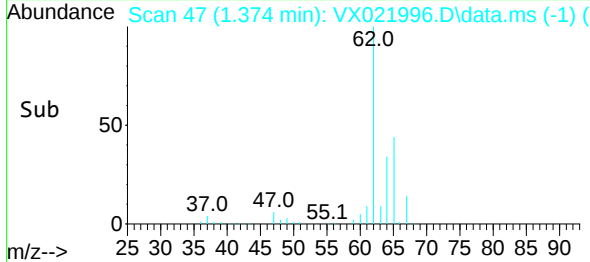
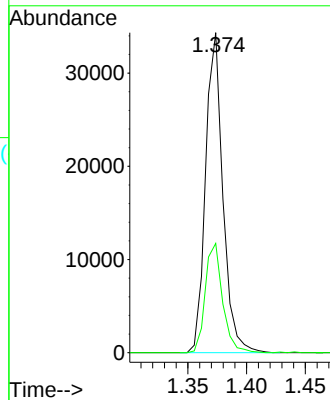
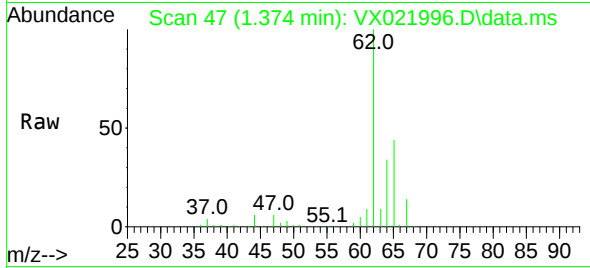




#5
 Vinyl chloride
 Concen: 4.76 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX021996.D
 Acq: 14 May 2021 15:41

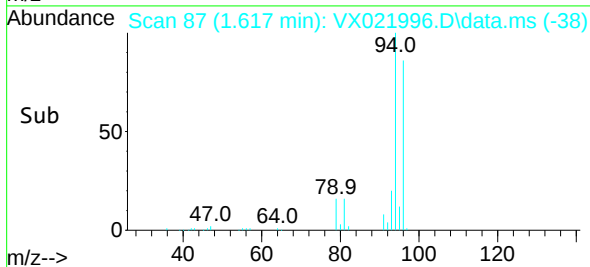
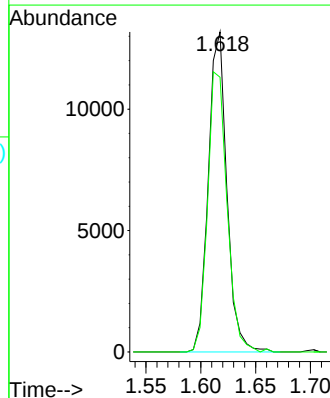
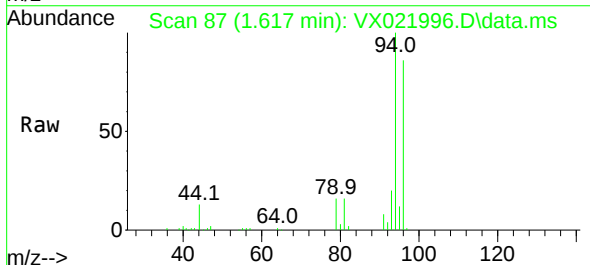
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 ClientSampleId :
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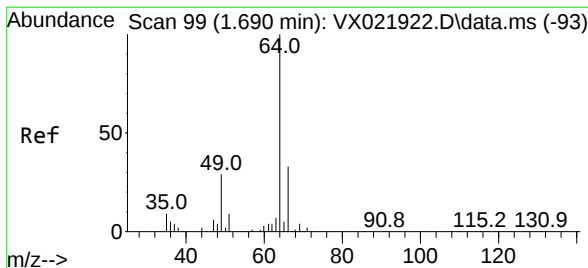
Tgt Ion: 62 Resp: 35217
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.7 42.1



#6
 Bromomethane
 Concen: 3.87 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX021996.D
 Acq: 14 May 2021 15:41

Tgt Ion: 94 Resp: 15479
 Ion Ratio Lower Upper
 94 100
 96 85.9 65.3 121.3





#8

Chloroethane

Concen: 4.74 ug/L

RT: 1.691 min Scan# 99

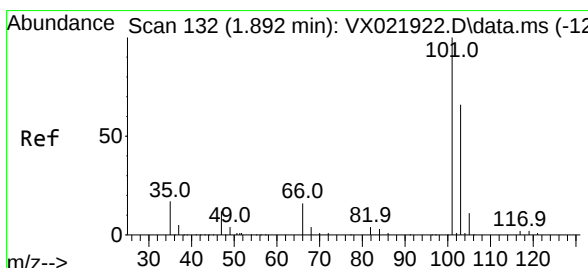
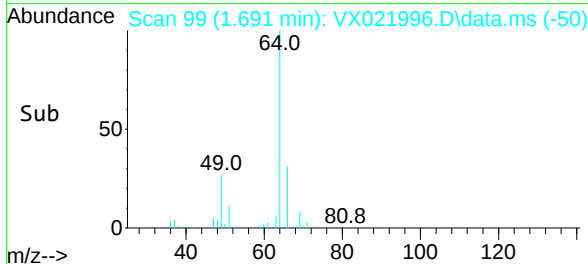
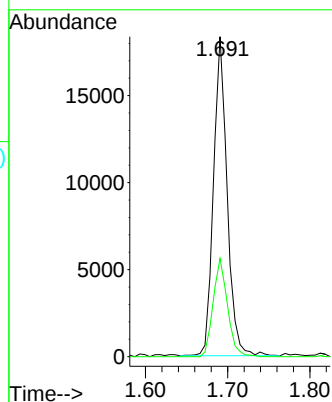
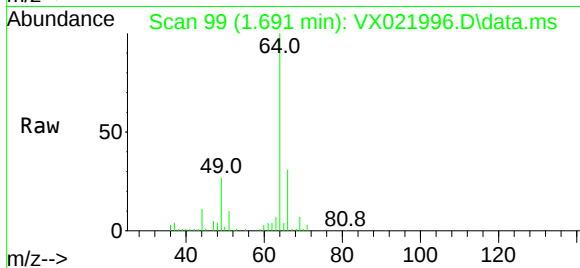
Delta R.T. 0.000 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion: 64 Resp: 21120

Ion	Ratio	Lower	Upper
64	100		
66	30.7	23.6	43.8



#9

Trichlorofluoromethane

Concen: 4.98 ug/L

RT: 1.892 min Scan# 132

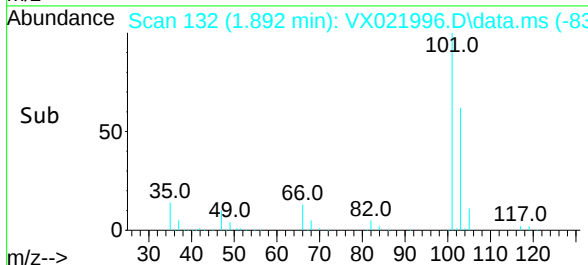
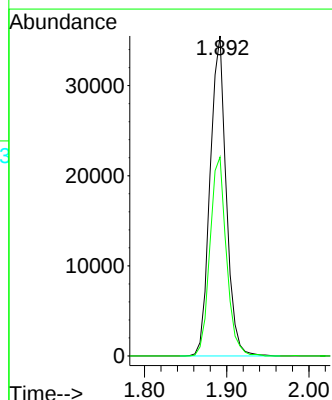
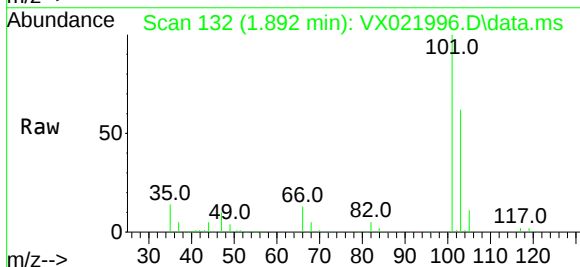
Delta R.T. 0.000 min

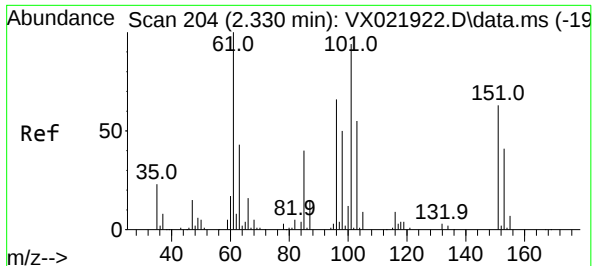
Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion: 101 Resp: 48291

Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.6	79.0





#10

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

Concen: 5.22 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

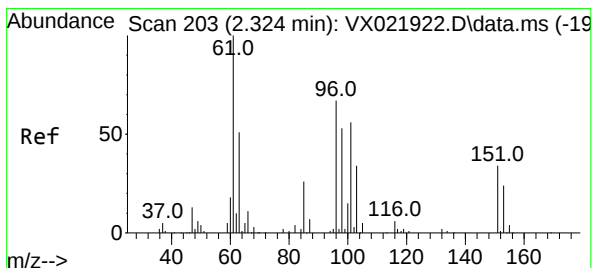
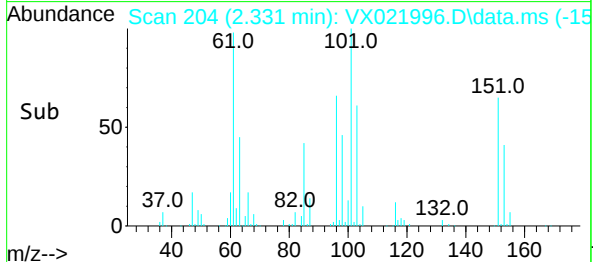
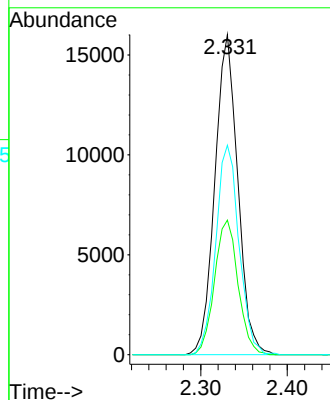
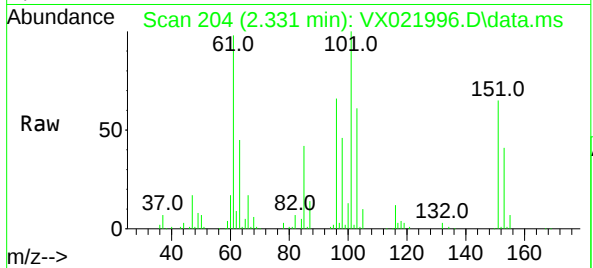
Tgt Ion:101 Resp: 29449

Ion Ratio Lower Upper

101 100

85 43.1 35.5 53.3

151 66.5 53.4 80.2



#12

1,1-Dichloroethene

Concen: 5.06 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

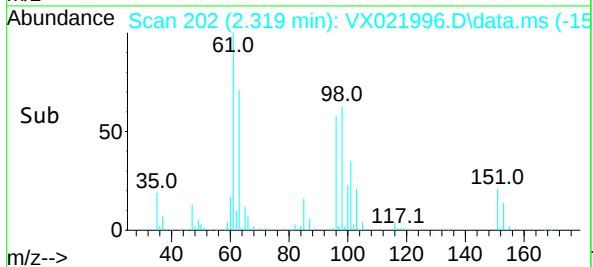
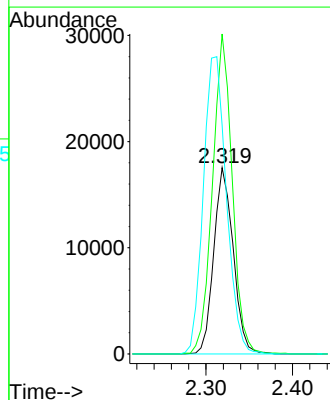
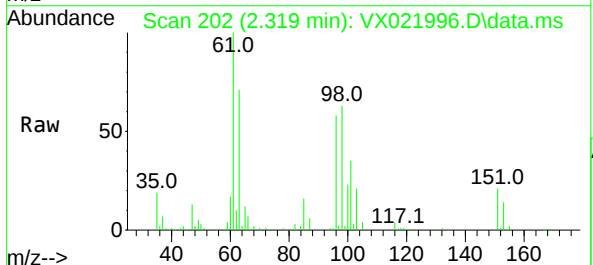
Tgt Ion: 96 Resp: 27431

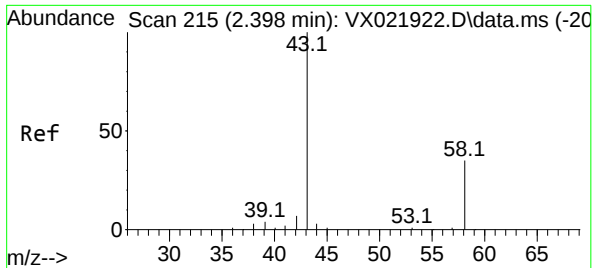
Ion Ratio Lower Upper

96 100

61 171.9 106.3 197.3

63 122.9 65.0 120.8#

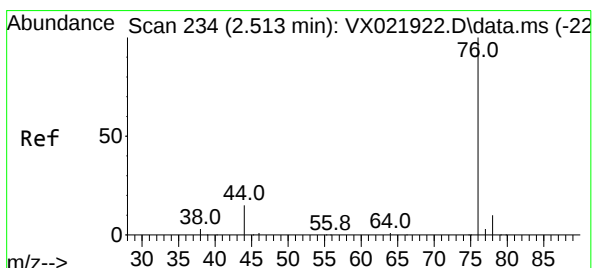
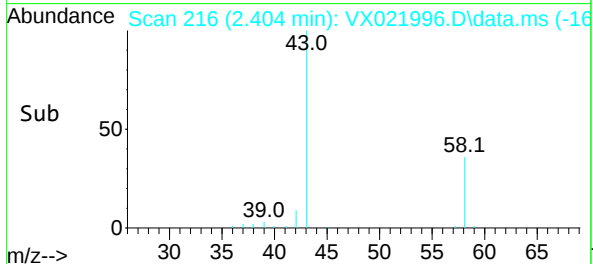
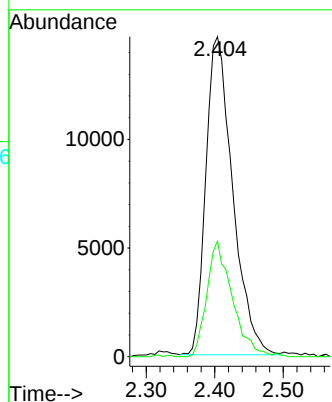
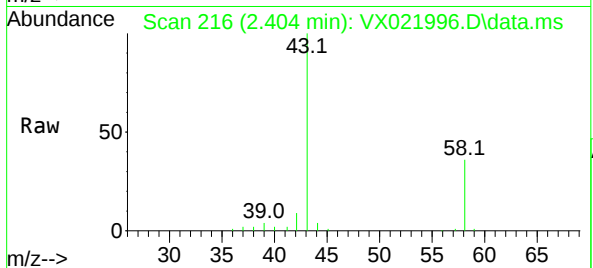




#13
Acetone
Concen: 52.91 ug/L
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

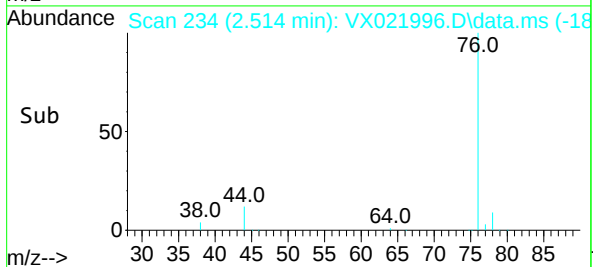
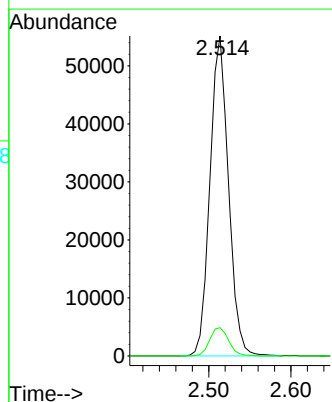
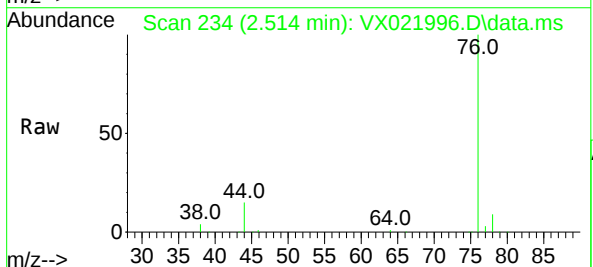
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

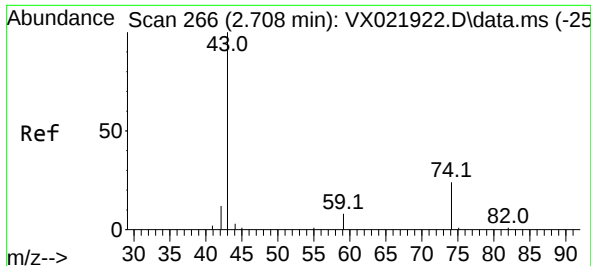
Tgt Ion: 43 Resp: 39864
Ion Ratio Lower Upper
43 100
58 34.6 0.0 66.4



#14
Carbon disulfide
Concen: 4.92 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 76 Resp: 86391
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

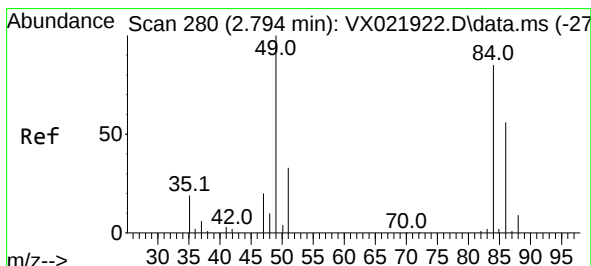
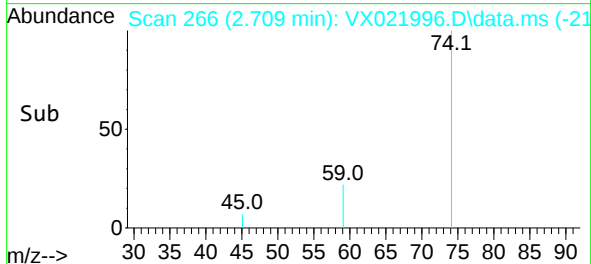
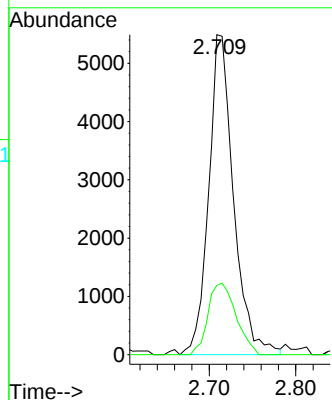
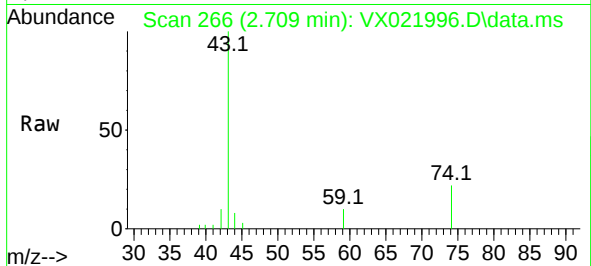




#15
Methyl Acetate
Concen: 4.56 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

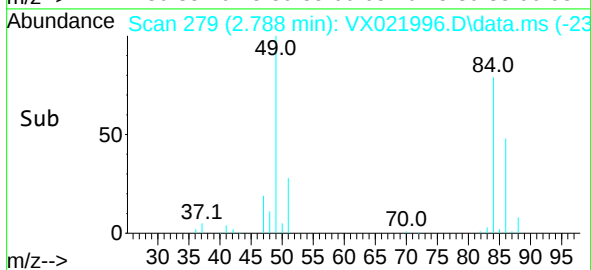
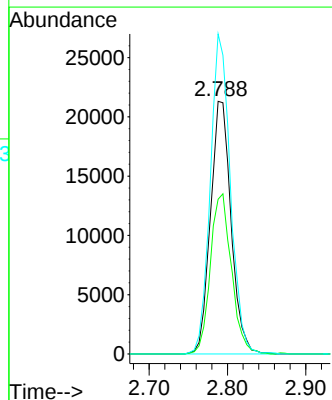
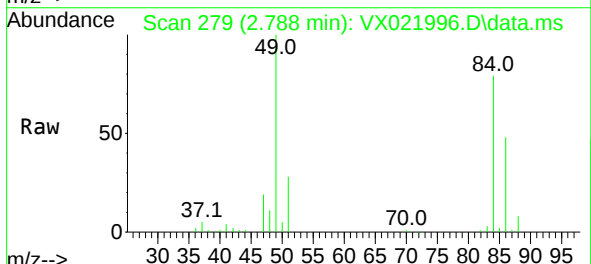
Instrument :
MSVOA_X
ClientSampled :
VSTD005313

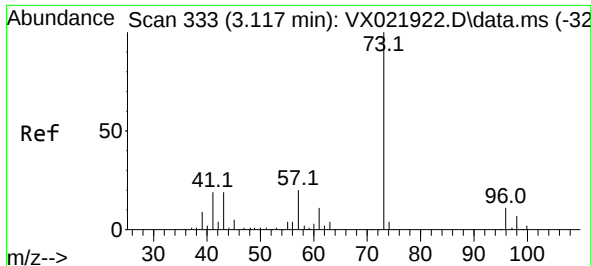
Tgt Ion: 43 Resp: 10959
Ion Ratio Lower Upper
43 100
74 25.1 18.7 28.1



#16
Methylene chloride
Concen: 5.23 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 84 Resp: 38975
Ion Ratio Lower Upper
84 100
86 61.2 46.3 86.1
49 126.7 84.4 156.7

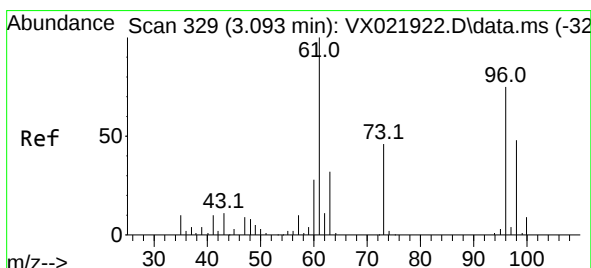
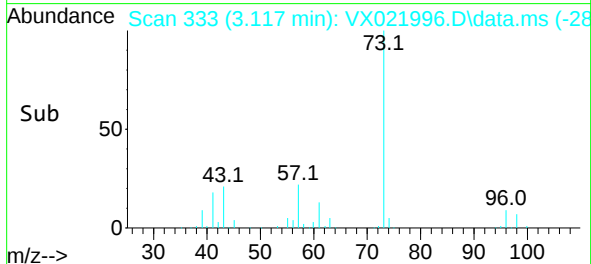
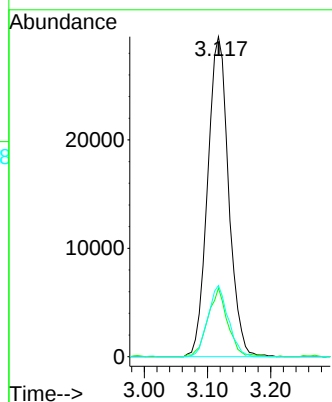
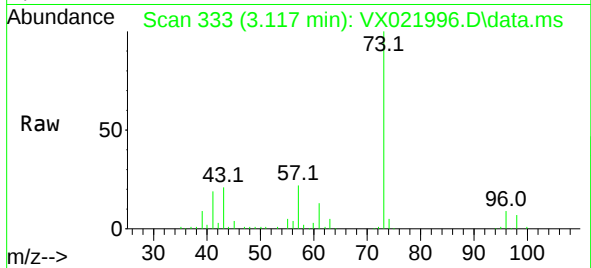




#17
Methyl tert-butyl Ether
Concen: 5.08 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

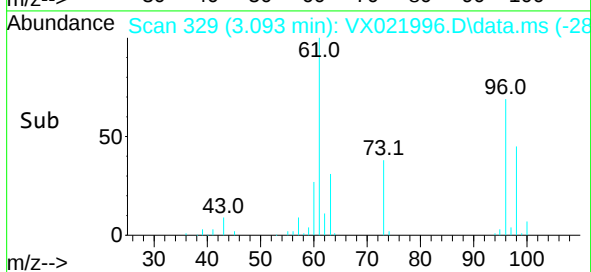
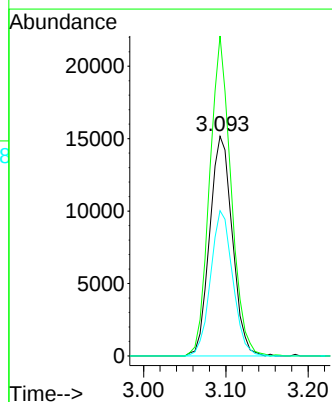
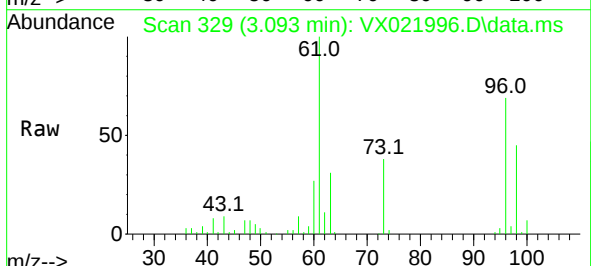
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

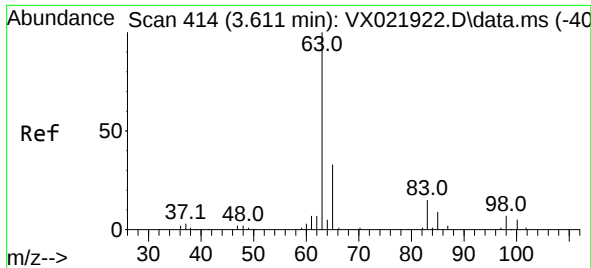
Tgt Ion: 73 Resp: 68127
Ion Ratio Lower Upper
73 100
43 20.3 16.5 24.7
57 21.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.95 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 96 Resp: 28981
Ion Ratio Lower Upper
96 100
61 145.7 93.0 172.8
98 66.1 44.8 83.2





#19

1,1-Dichloroethane

Concen: 5.21 ug/L

RT: 3.611 min Scan# 414

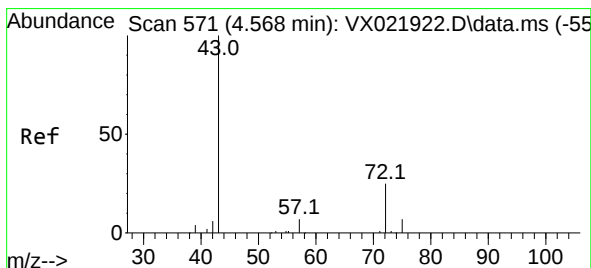
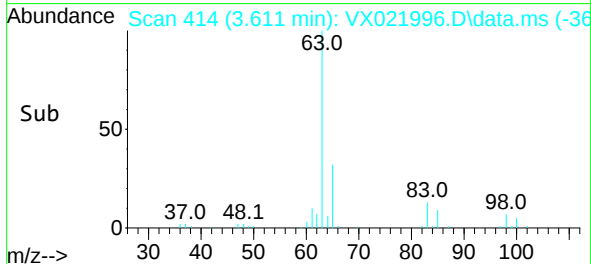
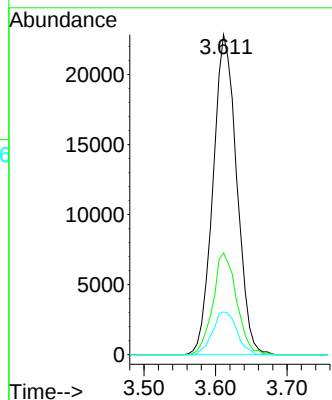
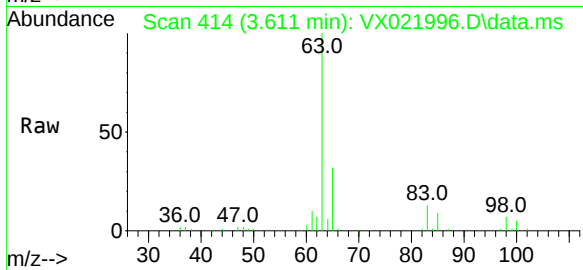
Delta R.T. 0.000 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion: 63 Resp: 52546

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.5	41.9
83	13.4	8.7	16.1



#21

2-Butanone

Concen: 50.70 ug/L

RT: 4.574 min Scan# 572

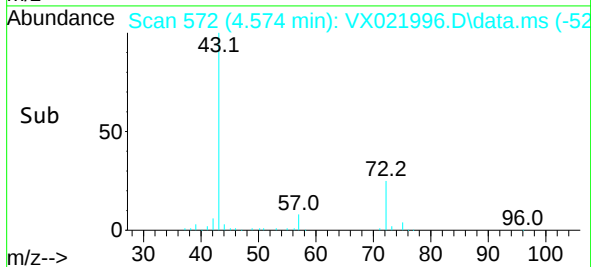
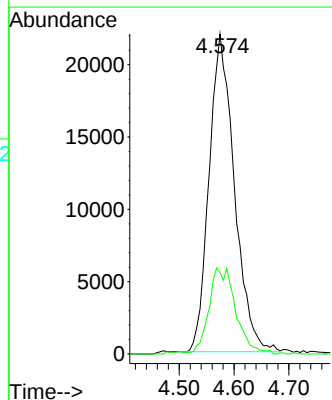
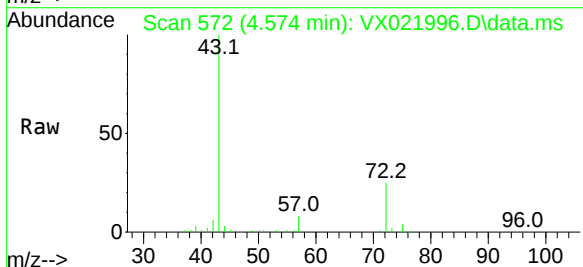
Delta R.T. 0.006 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion: 43 Resp: 70331

Ion	Ratio	Lower	Upper
43	100		
72	28.6	14.4	43.2

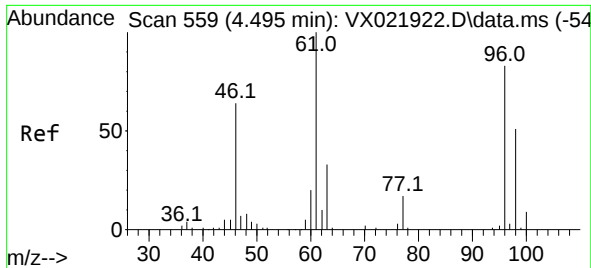


Instrument :

MSVOA_X

ClientSampleId :

VSTD005313



#22

cis-1,2-Dichloroethene

Concen: 5.08 ug/L

RT: 4.495 min Scan# 559

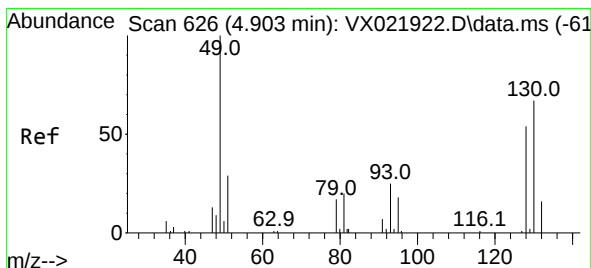
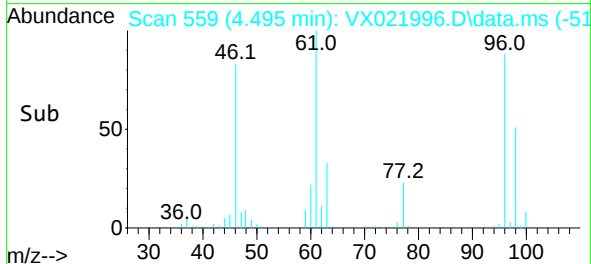
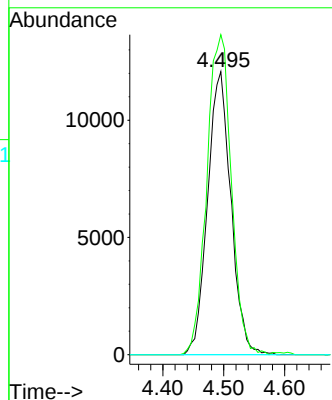
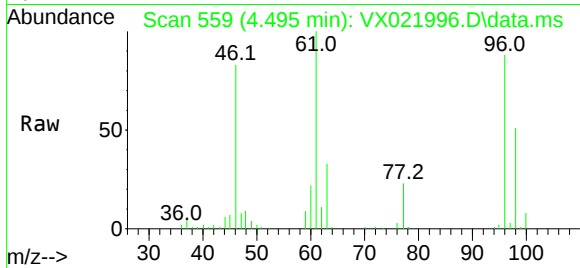
Delta R.T. 0.000 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion:	96	Resp:	32139
Ion	Ratio	Lower	Upper
96	100		
61	113.1	80.9	150.3
68	0.0	0.0	0.0

Instrument :
MSVOA_X
ClientSampleId :
VSTD005313



#23

Bromochloromethane

Concen: 5.02 ug/L

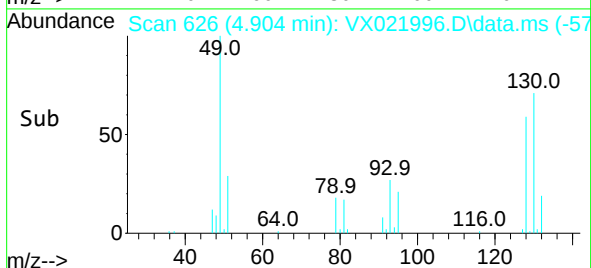
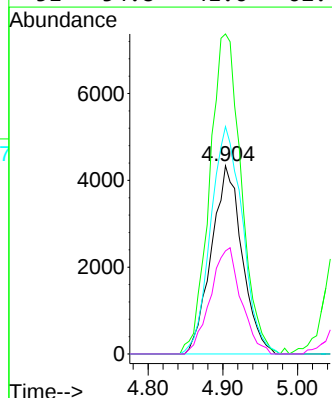
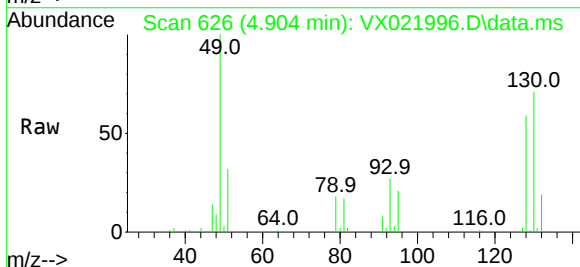
RT: 4.904 min Scan# 626

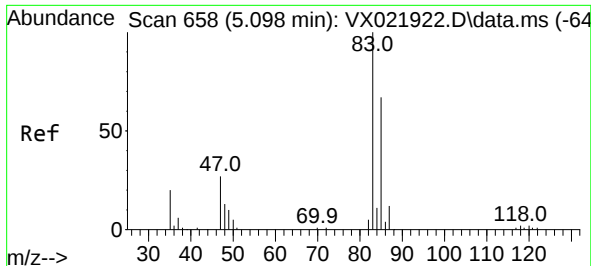
Delta R.T. 0.000 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion:	128	Resp:	12388
Ion	Ratio	Lower	Upper
128	100		
49	170.1	121.9	226.3
130	120.9	87.7	162.9
51	54.8	41.6	62.4





#25

Chloroform

Concen: 5.07 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX021996.D

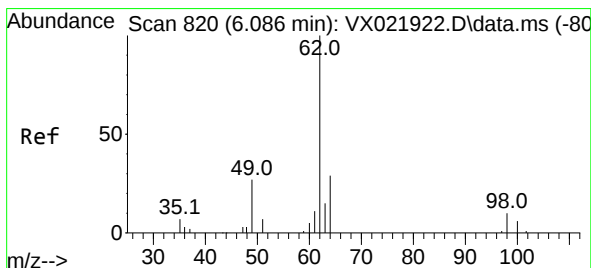
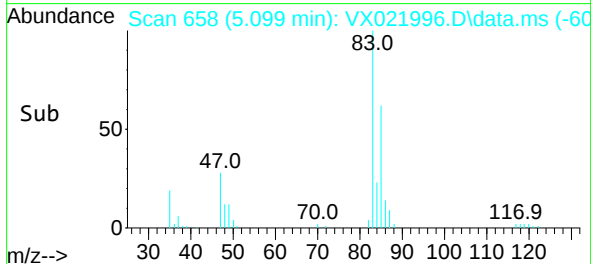
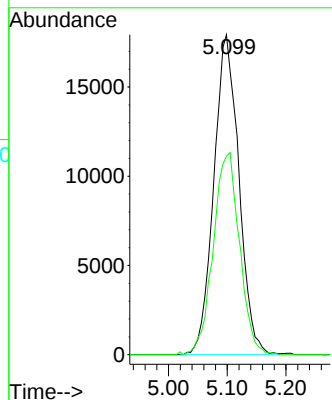
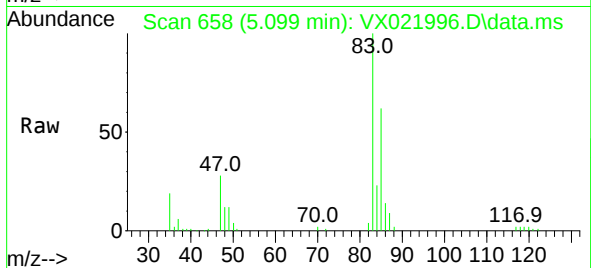
Acq: 14 May 2021 15:41

Tgt Ion: 83 Resp: 53182

Ion Ratio Lower Upper

83 100

85 62.0 46.3 86.1



#27

1,2-Dichloroethane

Concen: 5.15 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX021996.D

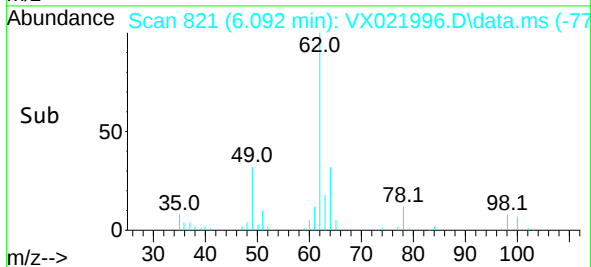
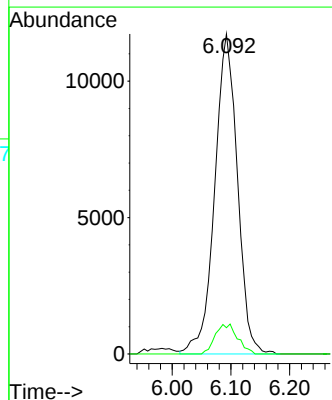
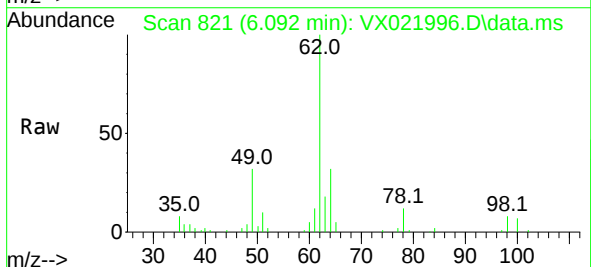
Acq: 14 May 2021 15:41

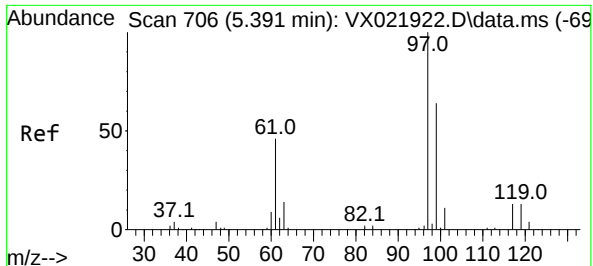
Tgt Ion: 62 Resp: 31477

Ion Ratio Lower Upper

62 100

98 8.2 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.08 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion: 97 Resp: 47313

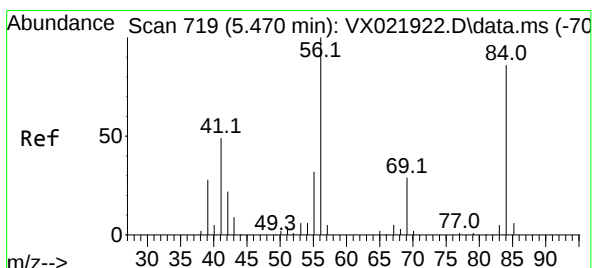
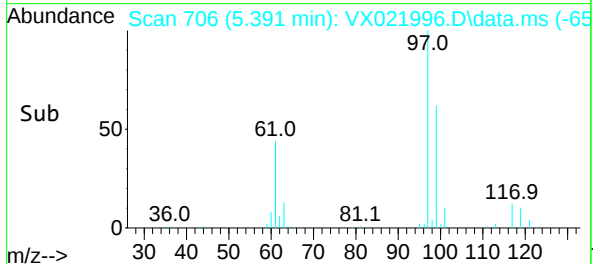
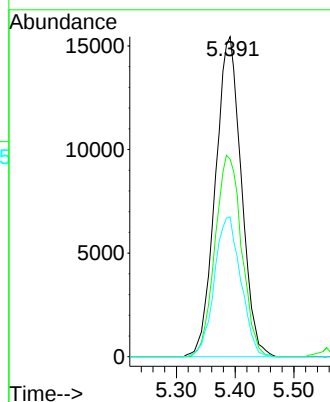
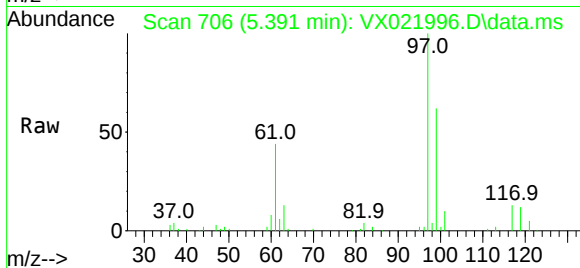
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	44.6	35.4	53.2

Instrument :

MSVOA_X

ClientSampleId :

VSTD005313



#30

Cyclohexane

Concen: 5.12 ug/L

RT: 5.477 min Scan# 720

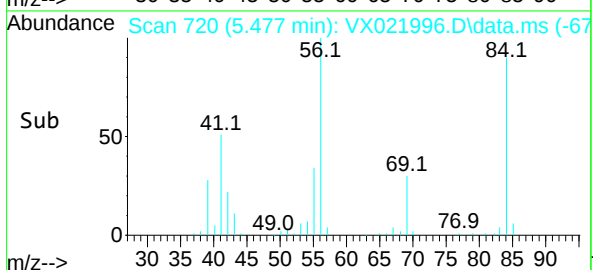
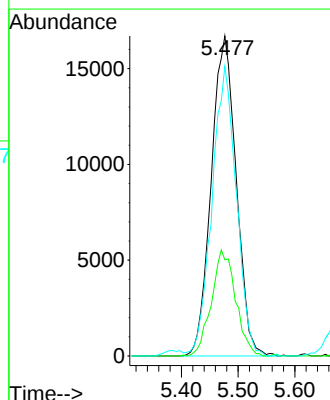
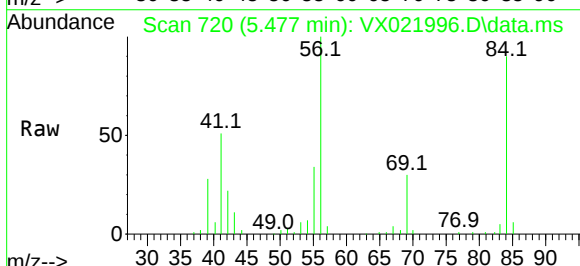
Delta R.T. 0.006 min

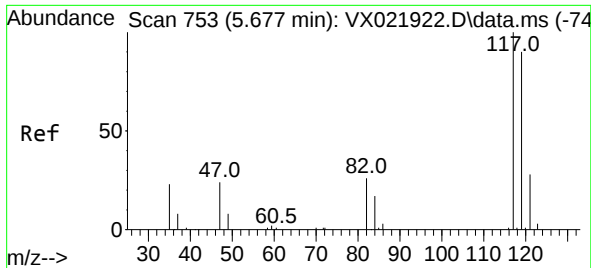
Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion: 56 Resp: 51060

Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.6	39.8
84	88.3	73.3	109.9

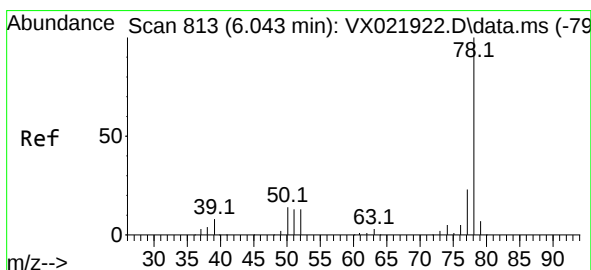
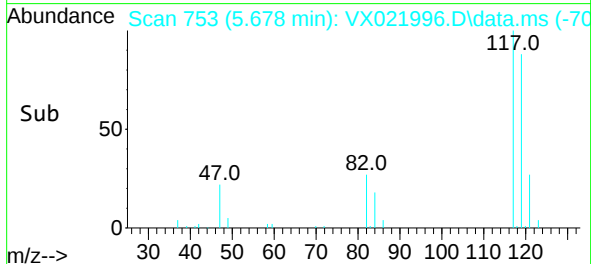
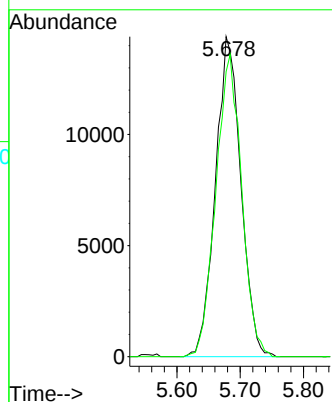
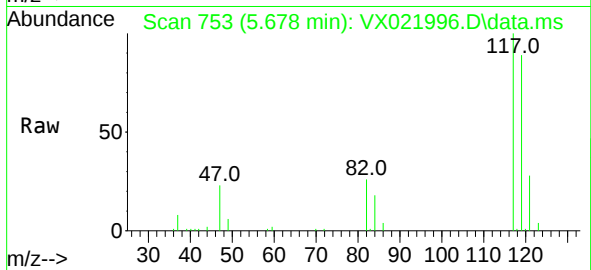




#31
Carbon tetrachloride
Concen: 5.08 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

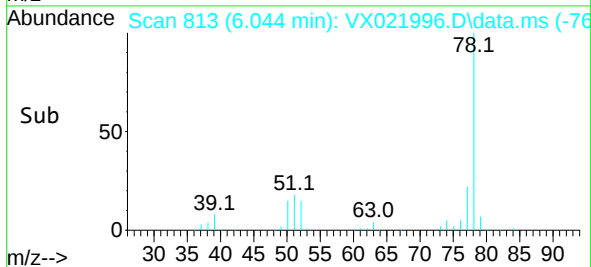
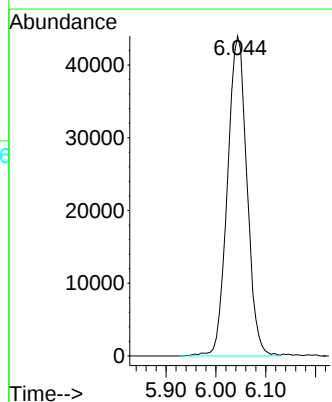
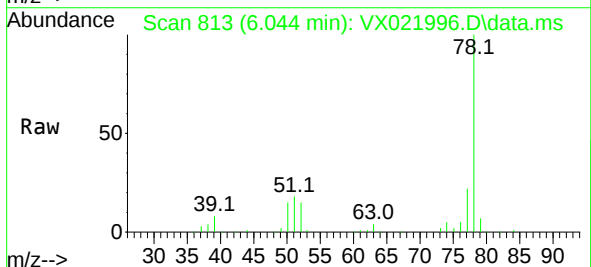
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

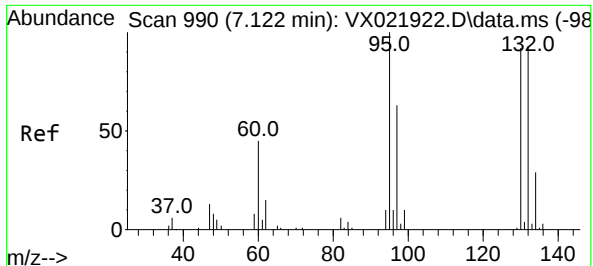
Tgt Ion:117 Resp: 40119
Ion Ratio Lower Upper
117 100
119 96.0 74.8 112.2



#33
Benzene
Concen: 5.13 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 78 Resp: 119496

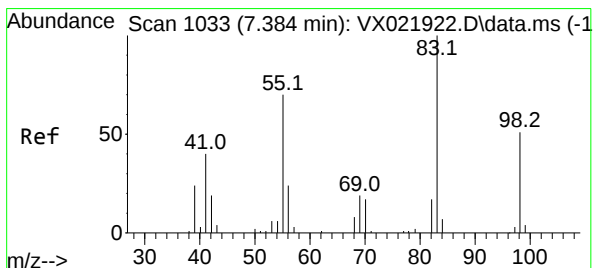
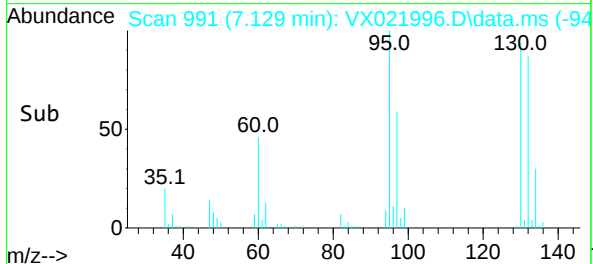
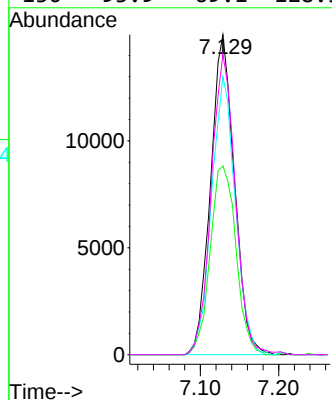
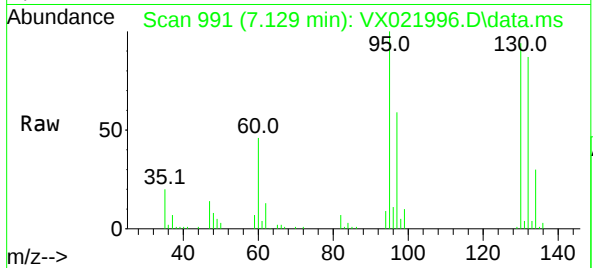




#34
Trichloroethene
Concen: 5.23 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

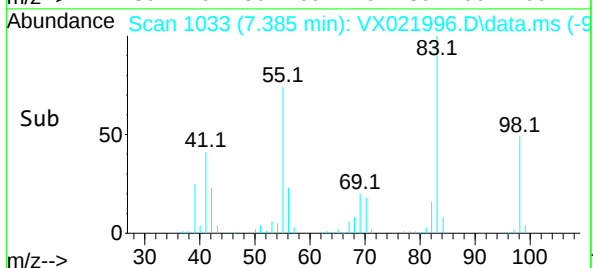
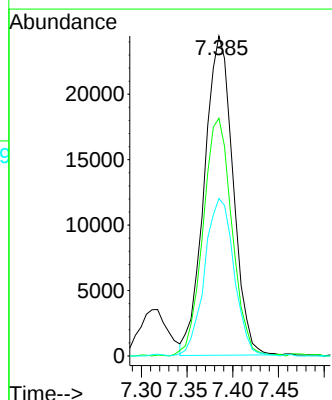
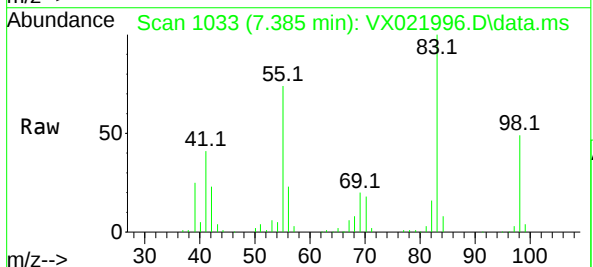
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

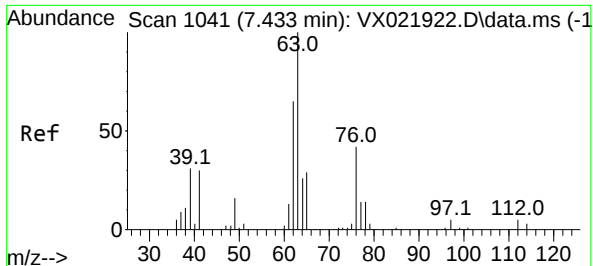
Tgt Ion: 95 Resp: 31706
Ion Ratio Lower Upper
95 100
97 59.0 48.6 90.2
132 86.9 67.3 125.1
130 93.9 69.1 128.3



#35
Methylcyclohexane
Concen: 5.13 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 83 Resp: 53214
Ion Ratio Lower Upper
83 100
55 75.1 60.3 90.5
98 50.6 39.4 59.2

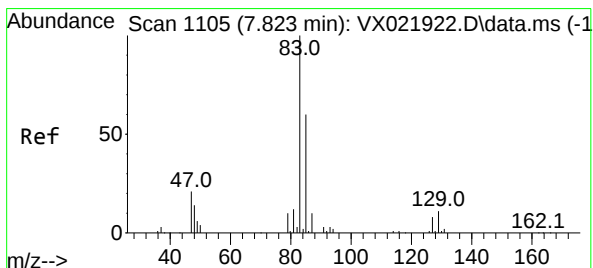
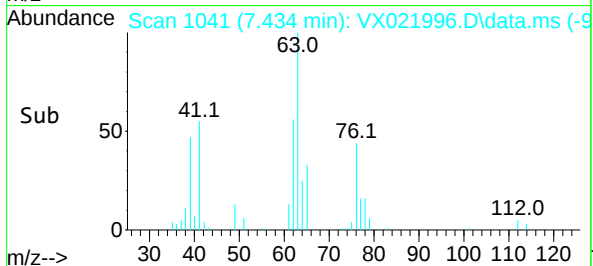
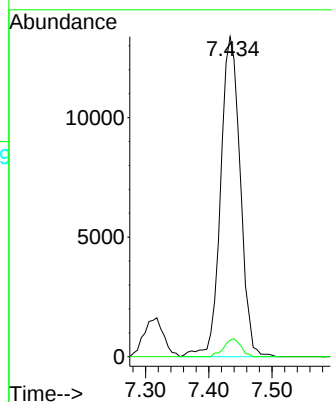
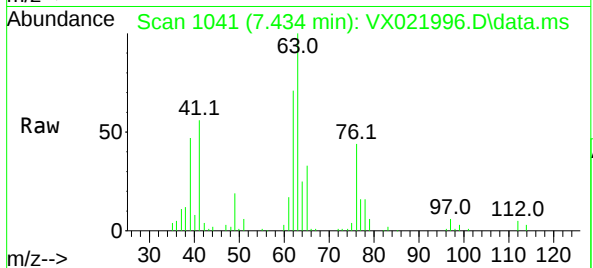




#37
1,2-Dichloropropane
Concen: 5.08 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

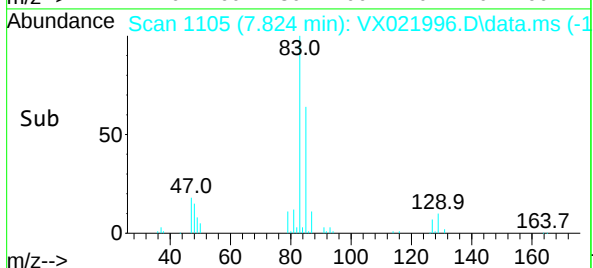
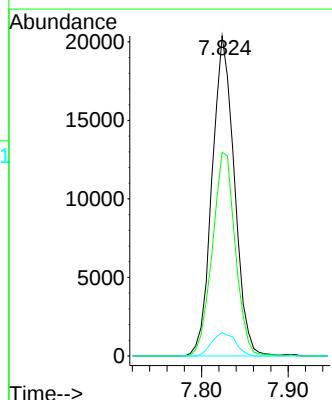
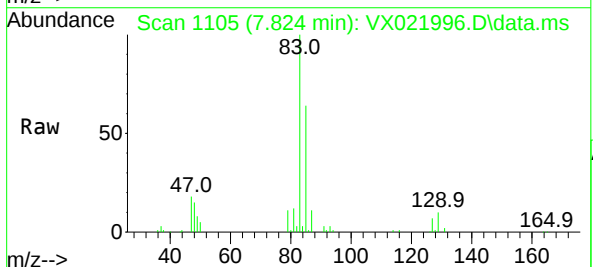
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

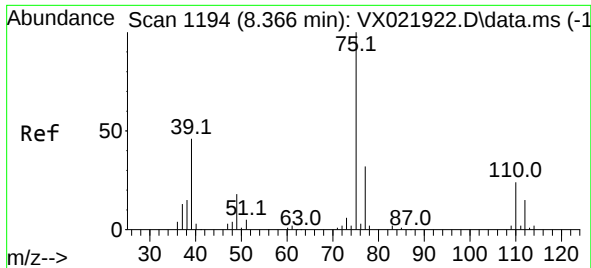
Tgt Ion: 63 Resp: 28787
Ion Ratio Lower Upper
63 100
112 4.8 4.1 6.1



#38
Bromodichloromethane
Concen: 5.01 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 83 Resp: 36414
Ion Ratio Lower Upper
83 100
85 63.7 41.1 76.3
127 7.3 6.1 9.1

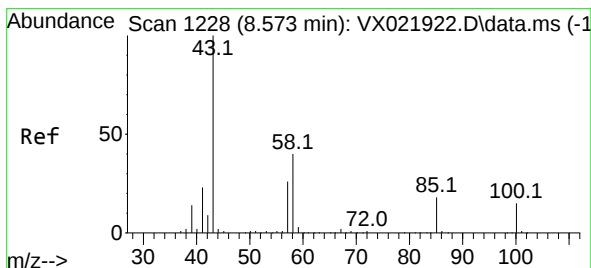
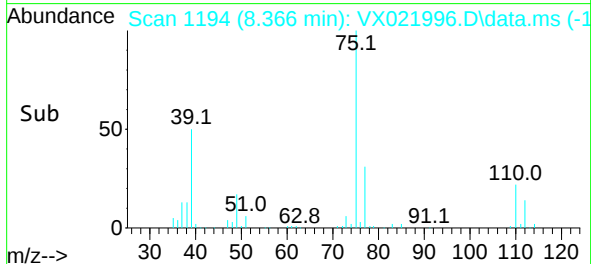
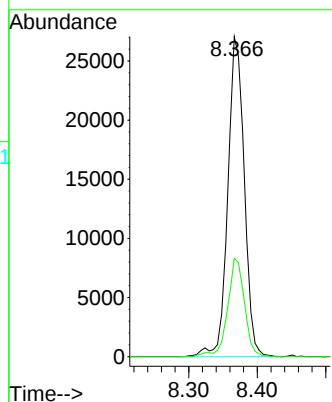
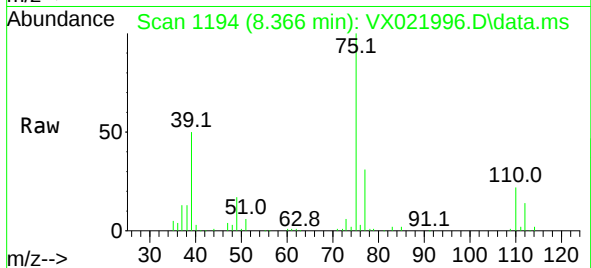




#39
 cis-1,3-Dichloropropene
 Concen: 5.10 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX021996.D
 Acq: 14 May 2021 15:41

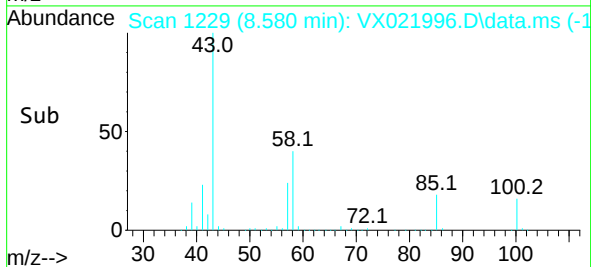
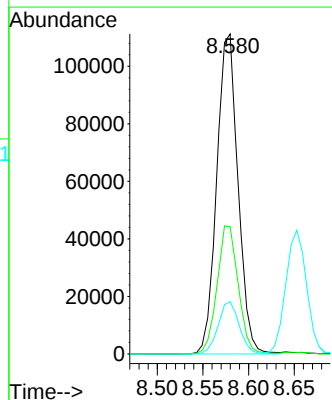
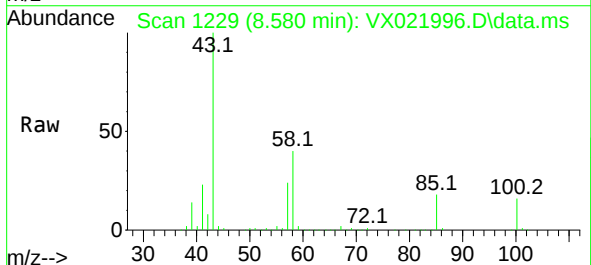
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD005313

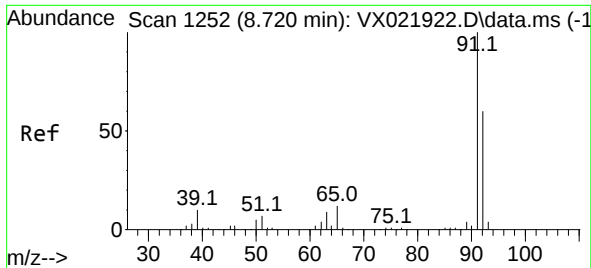
Tgt Ion: 75 Resp: 45105
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 51.04 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VX021996.D
 Acq: 14 May 2021 15:41

Tgt Ion: 43 Resp: 179940
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.0 48.0
 100 16.1 13.1 19.7

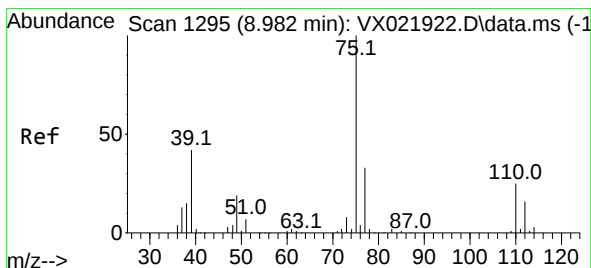
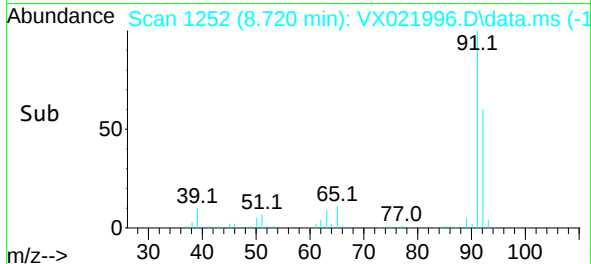
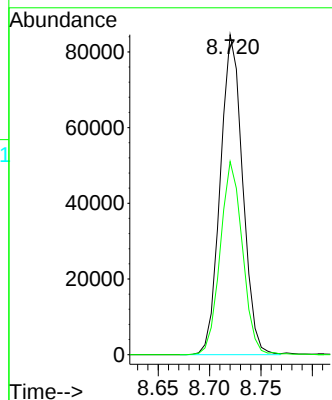
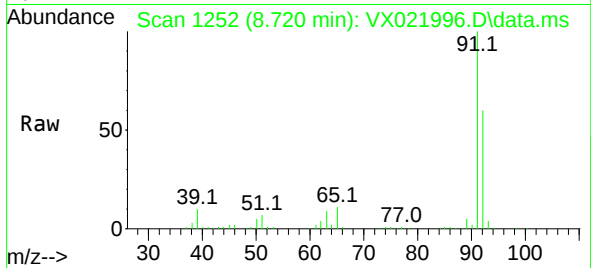




#42
Toluene
Concen: 5.15 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

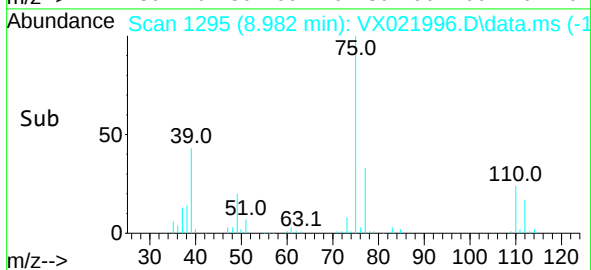
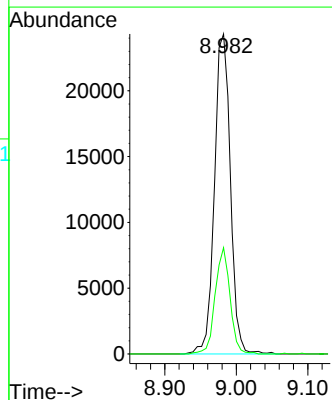
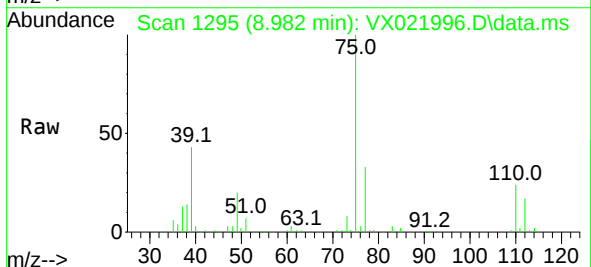
Instrument :
MSVOA_X
ClientSampled :
VSTD005313

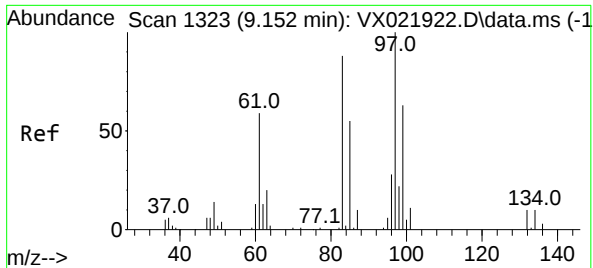
Tgt Ion: 91 Resp: 127519
Ion Ratio Lower Upper
91 100
92 60.3 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 5.15 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 75 Resp: 37631
Ion Ratio Lower Upper
75 100
77 33.2 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 5.16 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion: 97 Resp: 20113

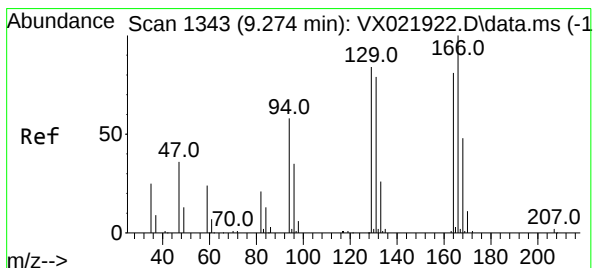
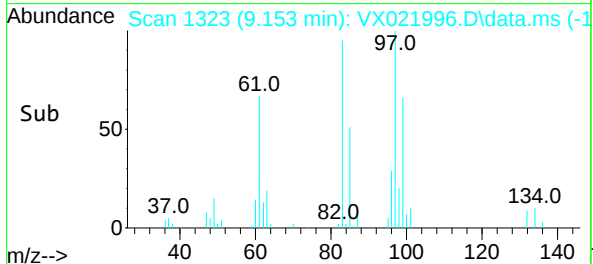
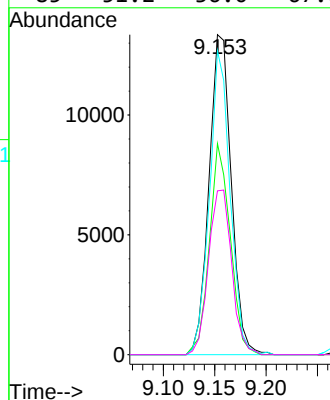
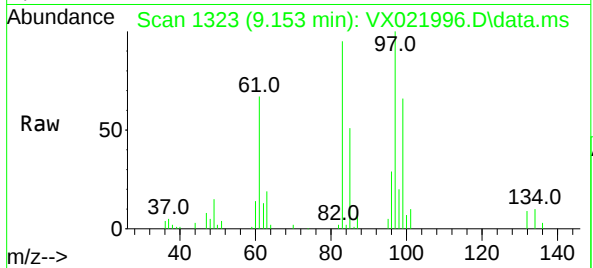
Ion Ratio Lower Upper

97 100

99 65.9 42.6 79.0

83 95.0 55.4 102.8

85 51.2 36.0 67.0



#47

Tetrachloroethene

Concen: 5.22 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX021996.D

Acq: 14 May 2021 15:41

Tgt Ion: 164 Resp: 21138

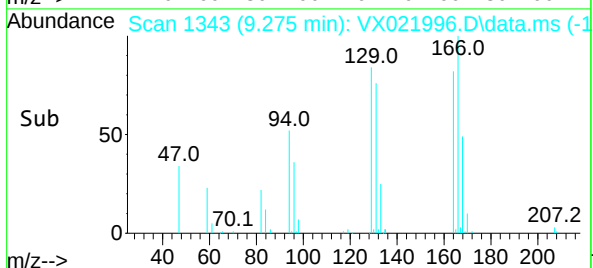
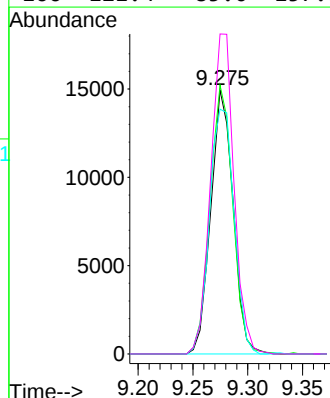
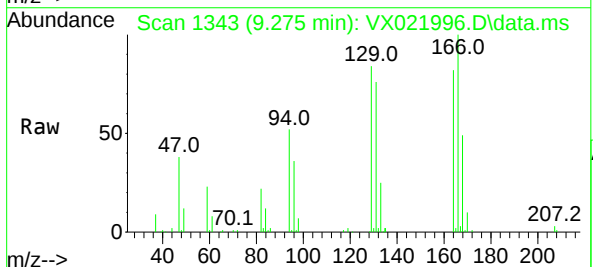
Ion Ratio Lower Upper

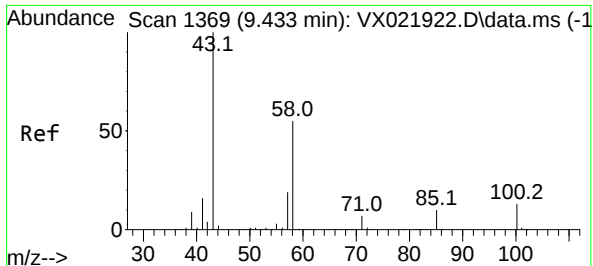
164 100

129 102.0 73.1 135.7

131 92.8 69.1 128.3

166 121.4 85.0 157.8



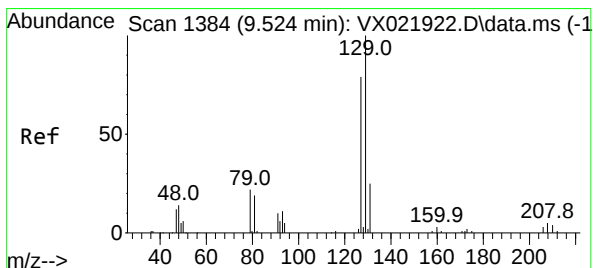
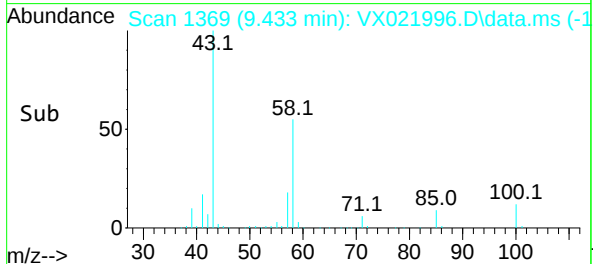
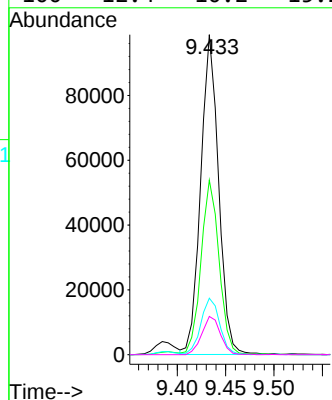
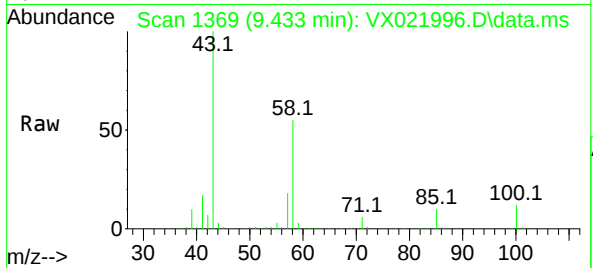


#48
2-Hexanone
Concen: 51.79 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

Tgt Ion: 43 Resp: 127483

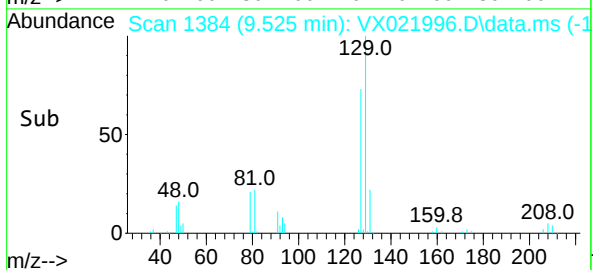
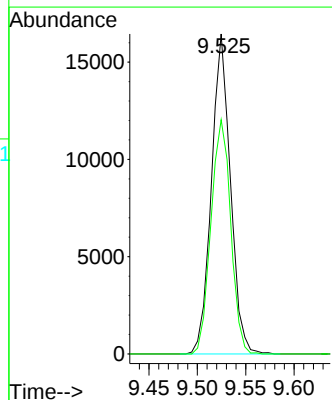
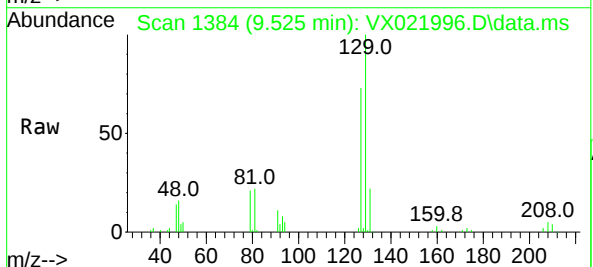
Ion	Ratio	Lower	Upper
43	100		
58	55.2	44.6	67.0
57	18.7	14.8	22.2
100	12.4	10.2	15.2

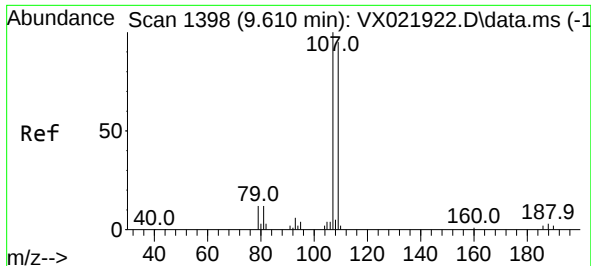


#49
Dibromochloromethane
Concen: 4.92 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 129 Resp: 22439

Ion	Ratio	Lower	Upper
129	100		
127	73.2	53.5	99.5

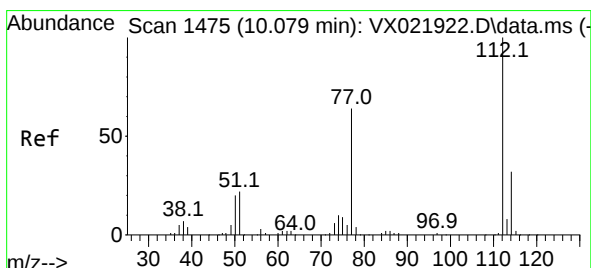
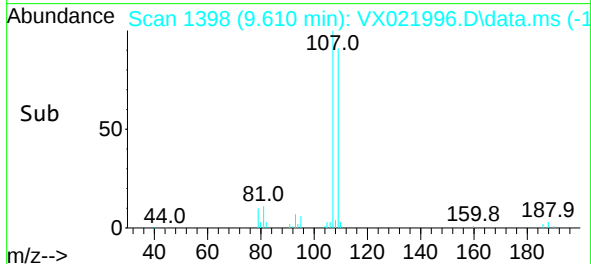
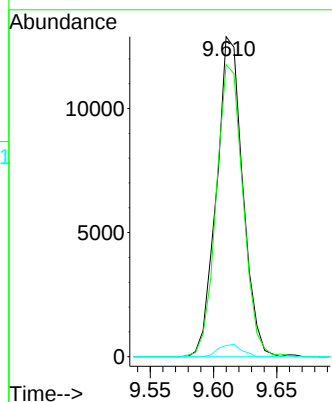
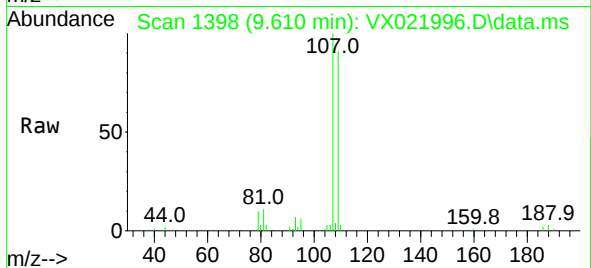




#50
1,2-Dibromoethane
Concen: 5.17 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

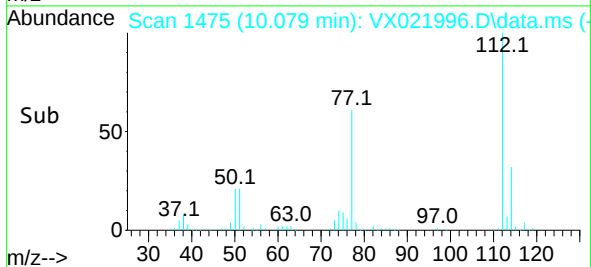
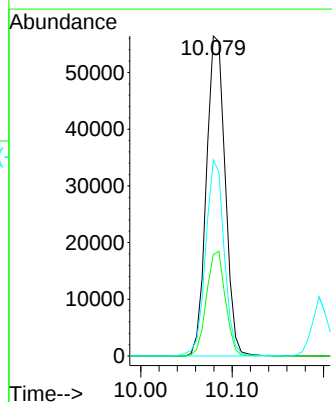
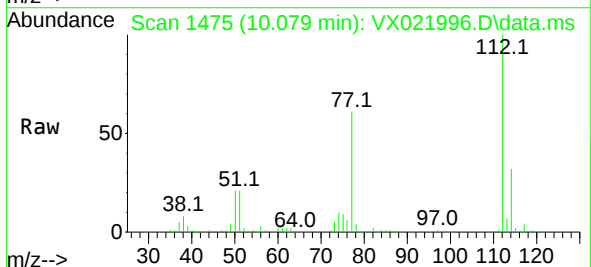
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

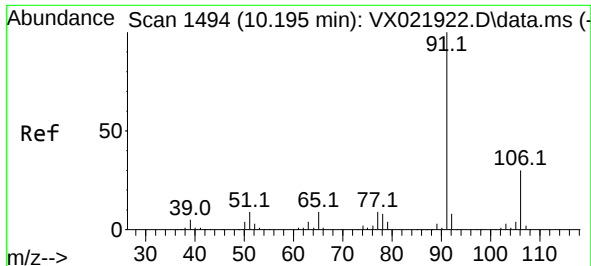
Tgt Ion:107 Resp: 18578
Ion Ratio Lower Upper
107 100
109 91.3 63.8 118.4
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 5.24 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion:112 Resp: 80459
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 61.2 46.4 69.6

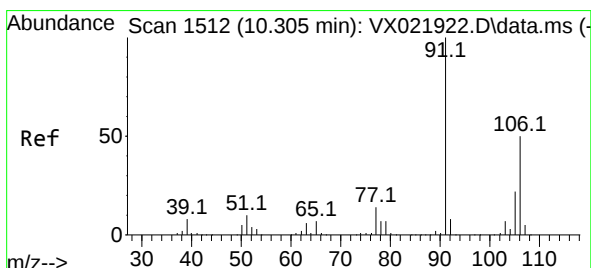
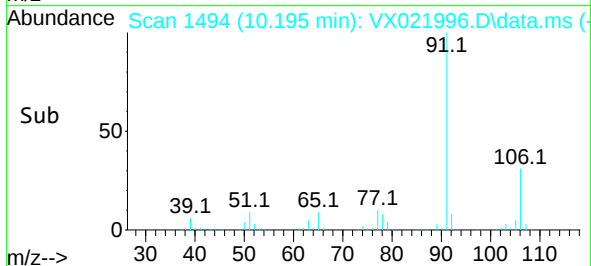
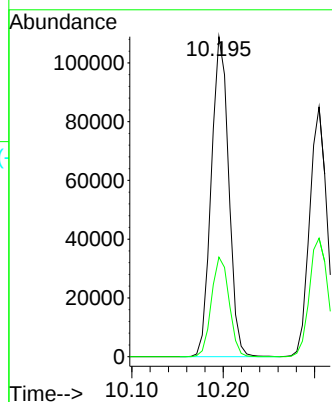
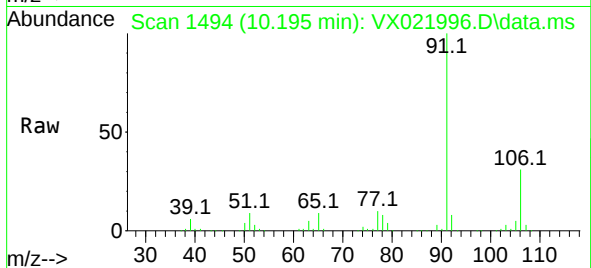




#52
Ethylbenzene
Concen: 5.23 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

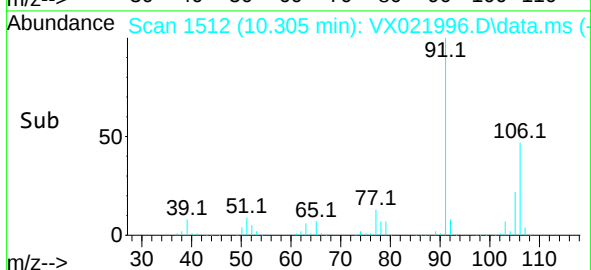
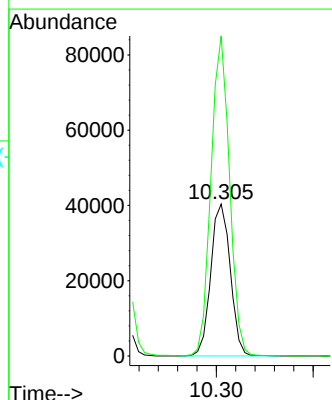
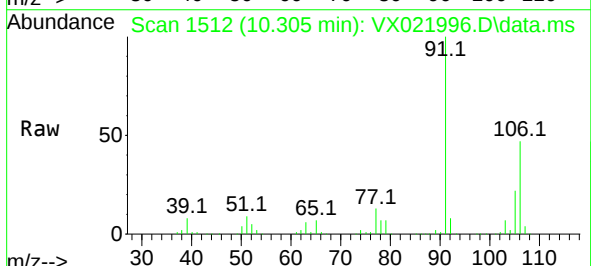
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

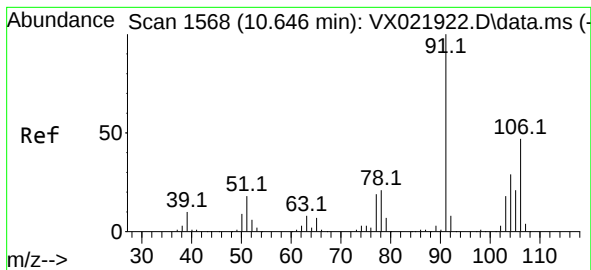
Tgt Ion: 91 Resp: 144546
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-xylene
Concen: 5.31 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 106 Resp: 56493
Ion Ratio Lower Upper
106 100
91 210.8 141.7 263.3

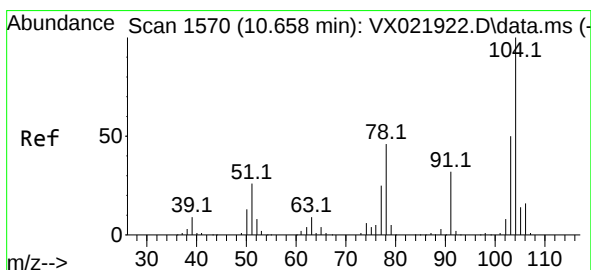
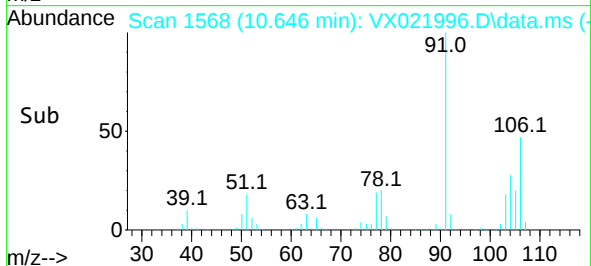
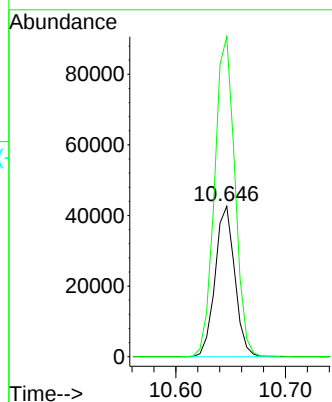
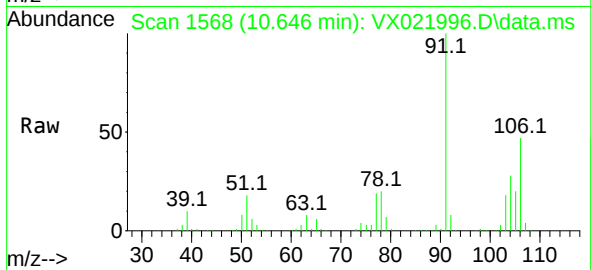




#54
o-xylene
Concen: 5.16 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

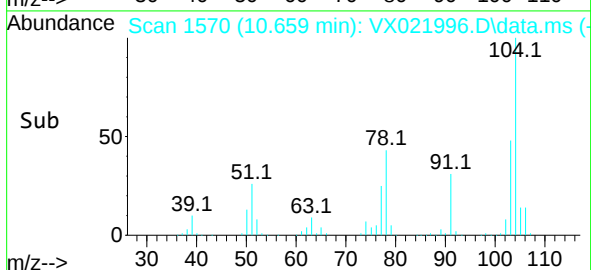
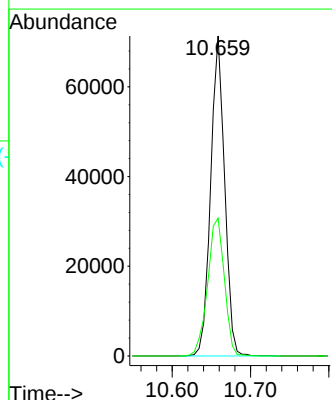
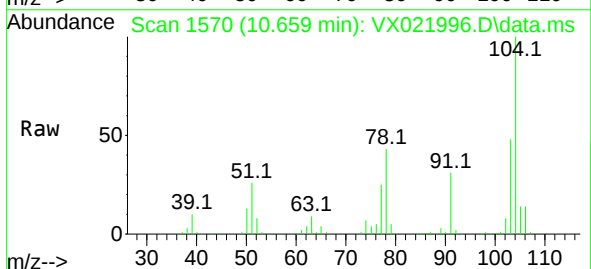
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

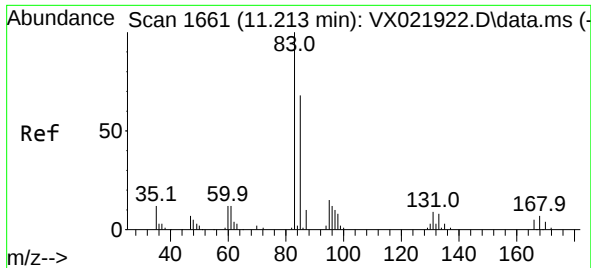
Tgt Ion:106 Resp: 53025
Ion Ratio Lower Upper
106 100
91 212.9 142.0 263.8



#55
Styrene
Concen: 5.11 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion:104 Resp: 88129
Ion Ratio Lower Upper
104 100
78 43.1 32.7 60.7

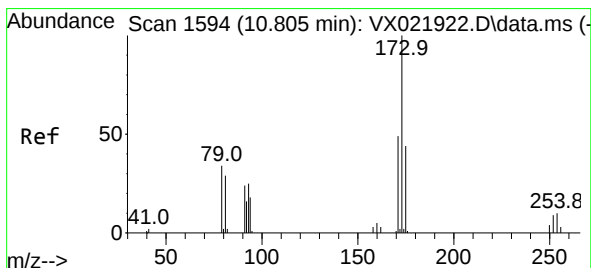
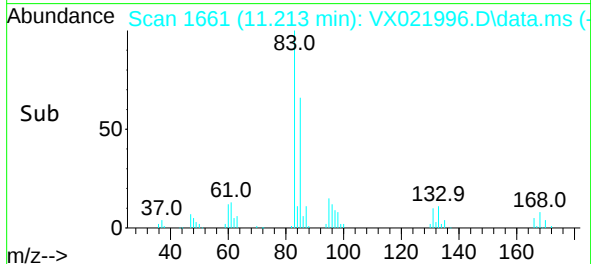
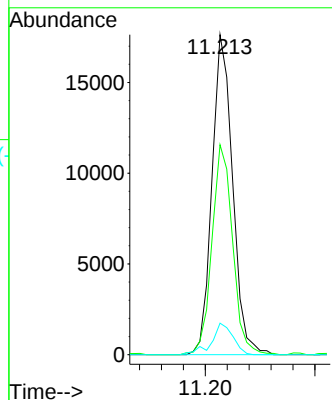
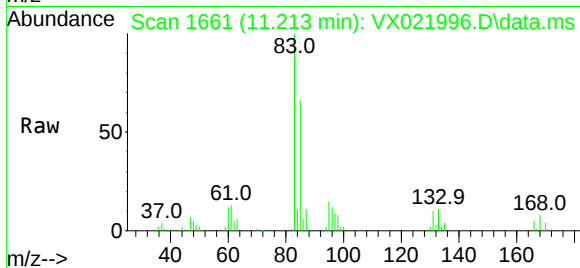




#57
1,1,2,2-Tetrachloroethane
Concen: 5.02 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

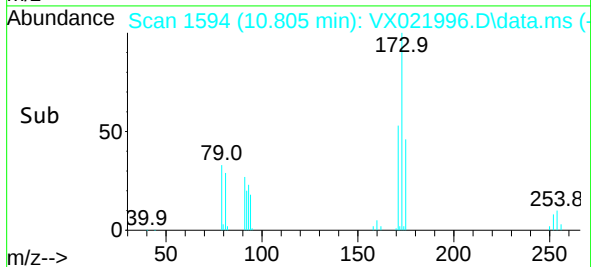
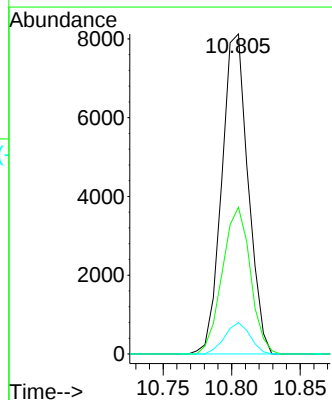
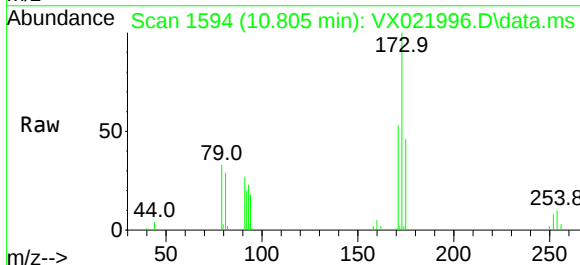
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

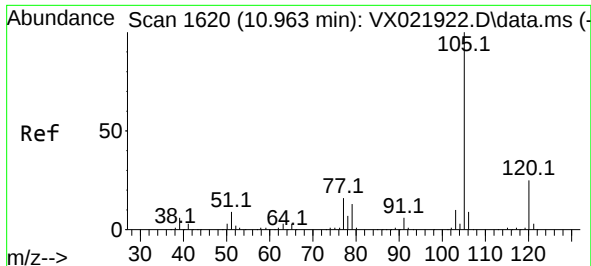
Tgt Ion: 83 Resp: 22993
Ion Ratio Lower Upper
83 100
85 65.6 44.1 81.9
131 9.8 7.1 10.7



#59
Bromoform
Concen: 5.03 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 173 Resp: 10853
Ion Ratio Lower Upper
173 100
175 48.8 38.9 58.3
254 9.4 7.4 11.0

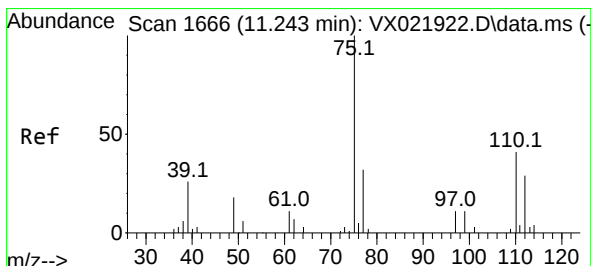
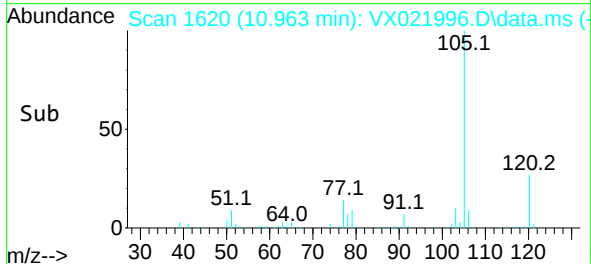
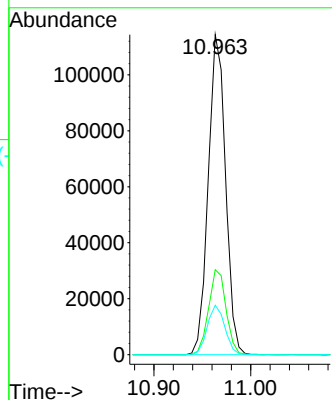
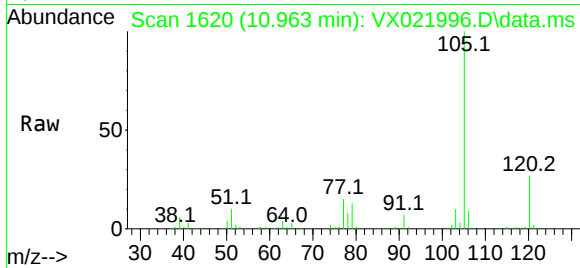




#60
Isopropylbenzene
Concen: 5.30 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

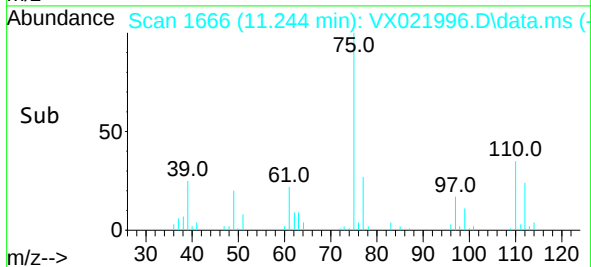
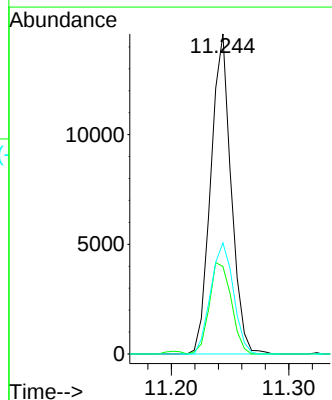
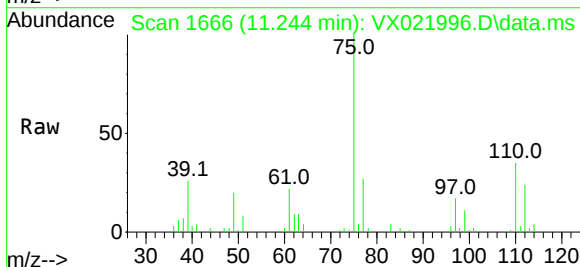
Instrument :
MSVOA_X
ClientSampled :
VSTD005313

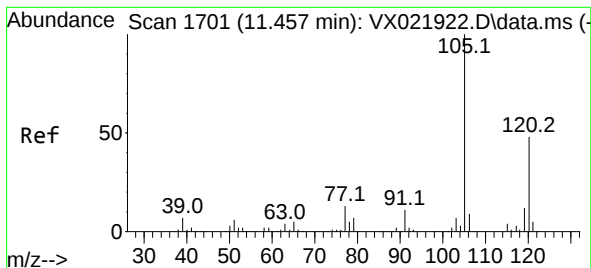
Tgt Ion:105 Resp: 142267
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 15.7 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.38 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 75 Resp: 17559
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
110 38.5 32.3 48.5

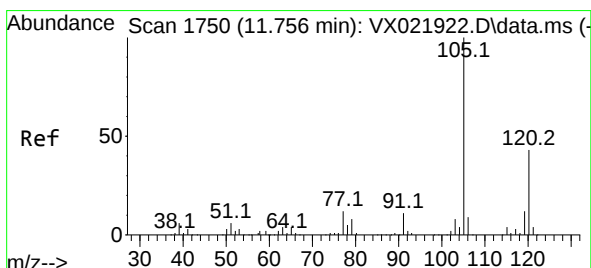
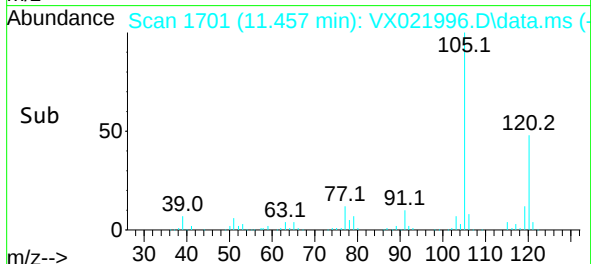
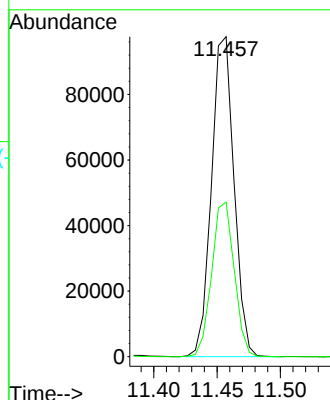
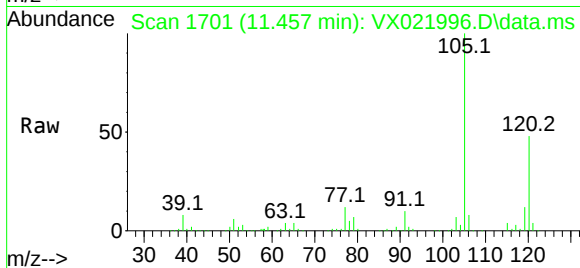




#62
1,3,5-Trimethylbenzene
Concen: 5.37 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

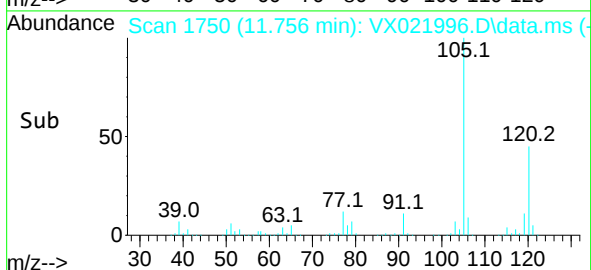
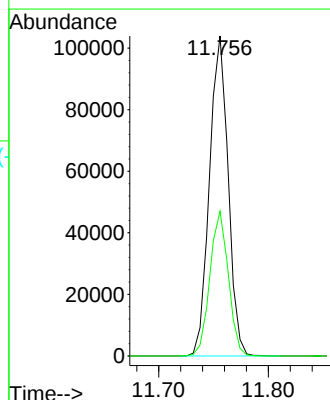
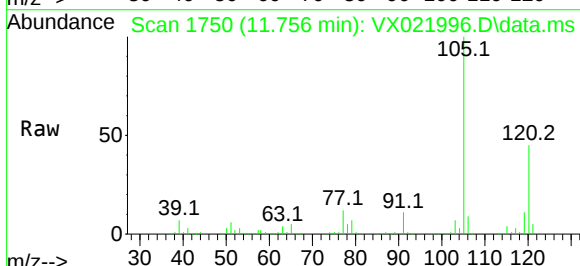
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

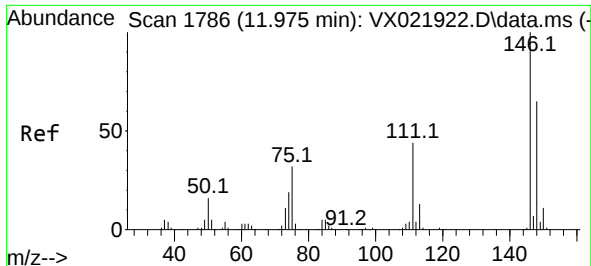
Tgt Ion:105 Resp: 120988
Ion Ratio Lower Upper
105 100
120 48.3 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 5.30 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion:105 Resp: 123003
Ion Ratio Lower Upper
105 100
120 44.6 36.4 54.6

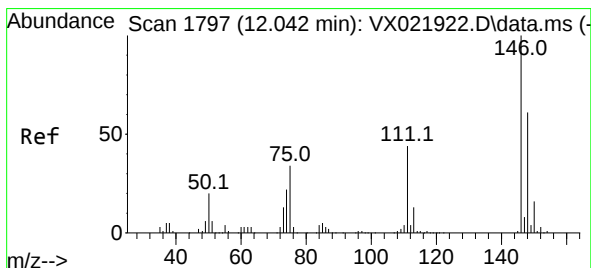
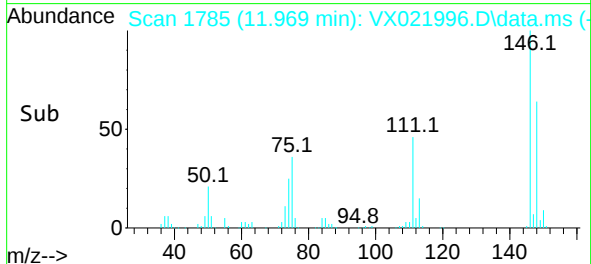
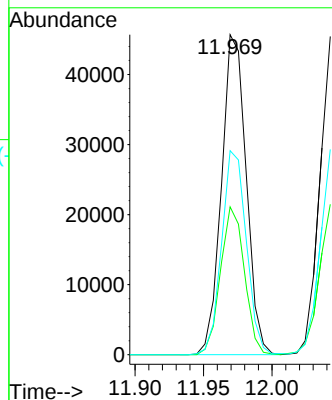
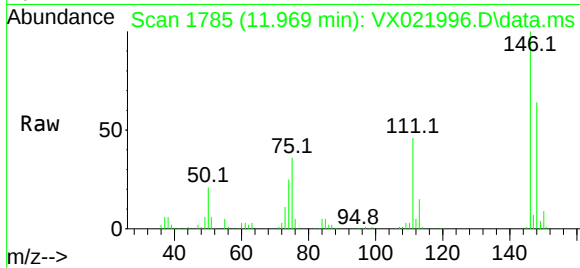




#64
1,3-Dichlorobenzene
Concen: 5.19 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

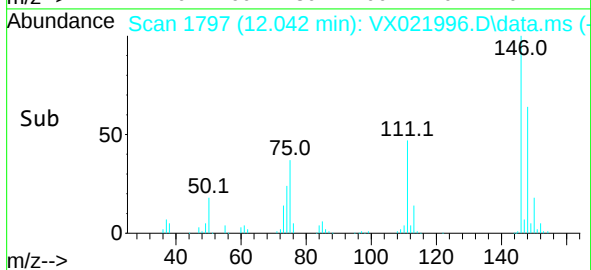
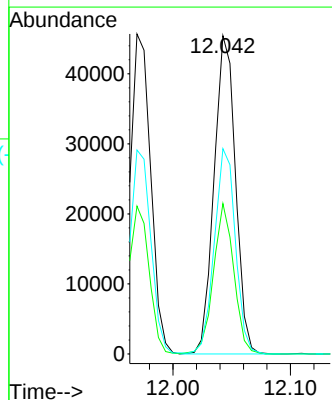
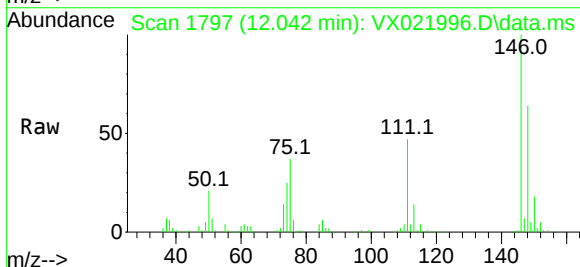
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

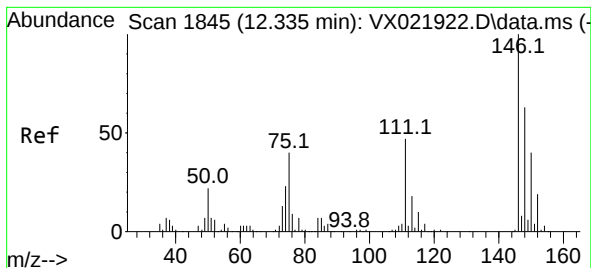
Tgt Ion:146 Resp: 57172
Ion Ratio Lower Upper
146 100
111 46.2 30.8 57.2
148 63.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.26 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion:146 Resp: 57598
Ion Ratio Lower Upper
146 100
111 47.3 30.4 56.5
148 64.5 43.2 80.2

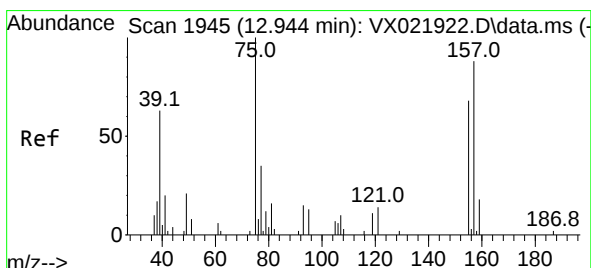
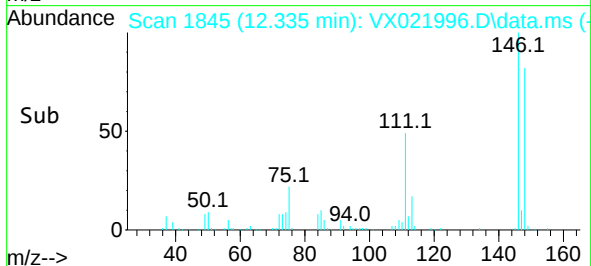
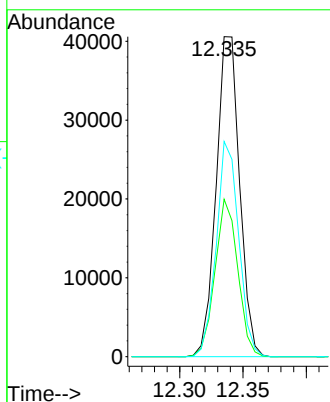
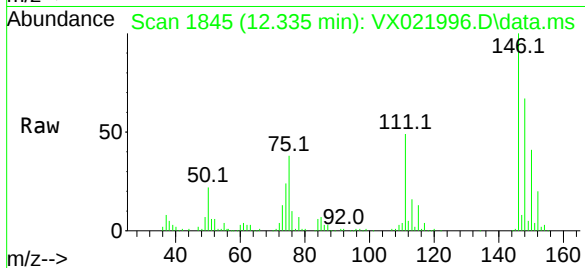




#67
1,2-Dichlorobenzene
Concen: 5.19 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

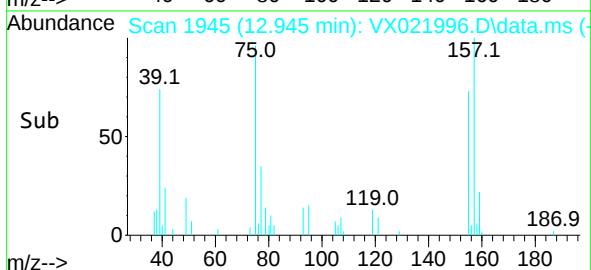
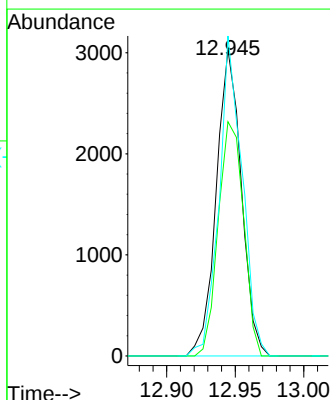
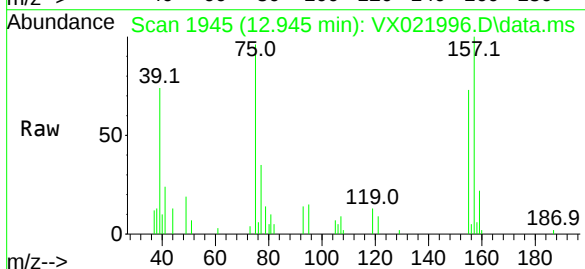
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

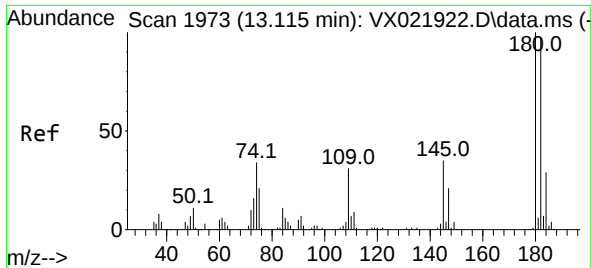
Tgt Ion:146 Resp: 52324
Ion Ratio Lower Upper
146 100
111 49.2 36.2 54.2
148 67.3 49.6 74.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.92 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion: 75 Resp: 3844
Ion Ratio Lower Upper
75 100
155 76.4 58.5 87.7
157 104.4 68.6 103.0#

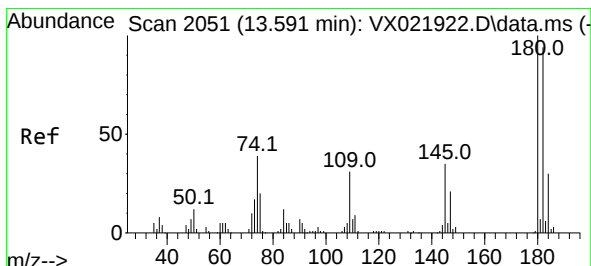
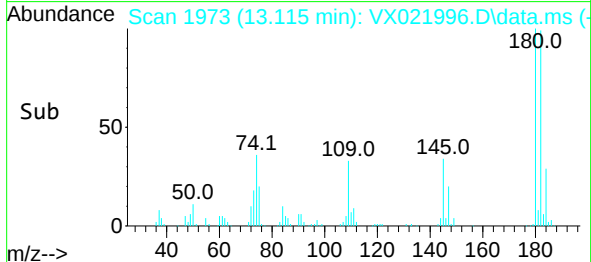
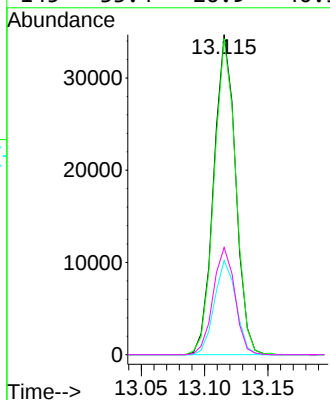
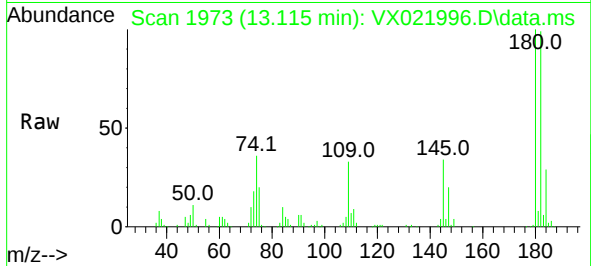




#69
1,3,5-Trichlorobenzene
Concen: 5.28 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

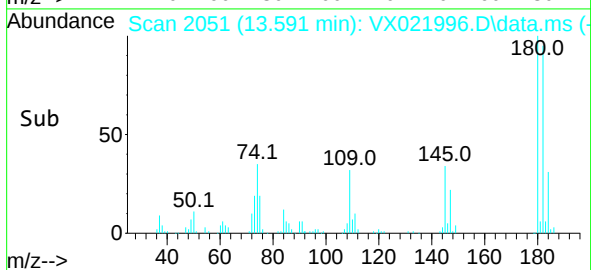
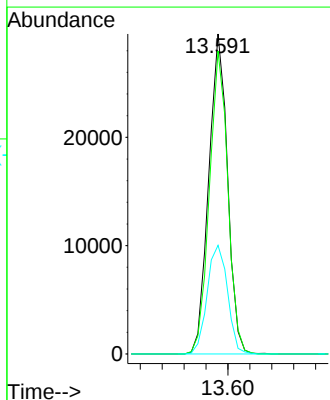
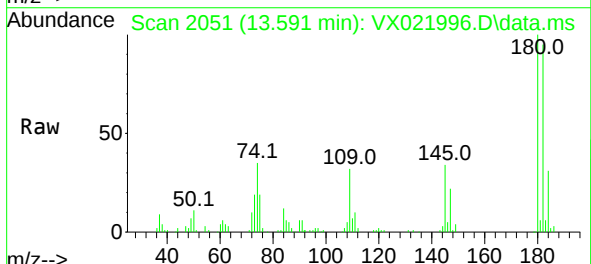
Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

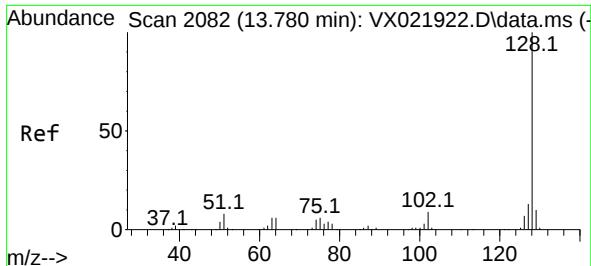
Tgt Ion:180	Resp:	41448
Ion Ratio	Lower	Upper
180	100	
182	98.3	73.6 110.4
184	29.0	23.6 35.4
145	33.4	26.9 40.3



#70
1,2,4-trichlorobenzene
Concen: 5.25 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion:180	Resp:	35072
Ion Ratio	Lower	Upper
180	100	
182	92.8	79.0 118.4
145	36.7	28.2 42.2

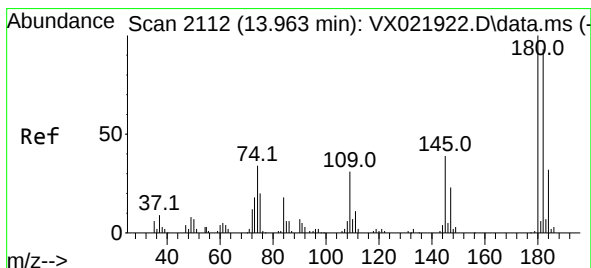
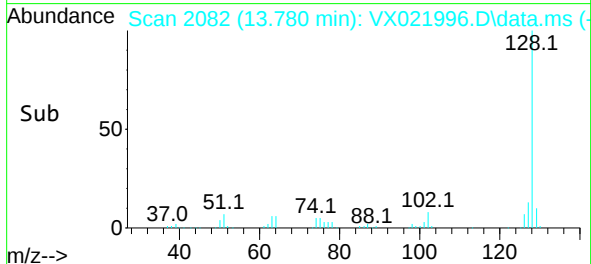
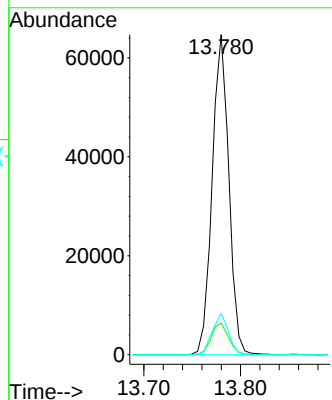
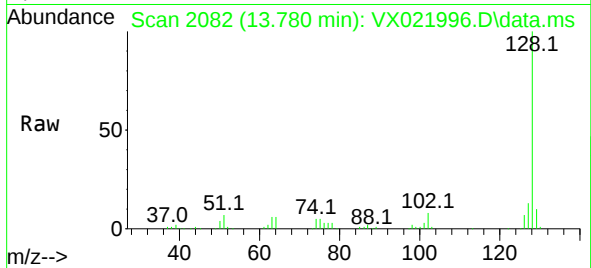




#71
Naphthalene
Concen: 5.37 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTD005313

Tgt Ion:128 Resp: 77366
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 12.6 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.22 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX021996.D
Acq: 14 May 2021 15:41

Tgt Ion:180 Resp: 30744
Ion Ratio Lower Upper
180 100
182 93.5 75.3 112.9
145 35.9 30.3 45.5

