

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022019.D
 Acq On : 15 May 2021 00:56
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005314

Quant Time: May 15 01:16:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 23:38:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	71000	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	65127	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30023	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26285	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.672	69	20419	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.313	63	49472	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.477	46	62810	45.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.42%
24) Chloroform-d	5.062	84	42870	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.958	65	24592	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.977	84	102404	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	7.312	67	31274	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	8.653	98	95808	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	8.952	79	12782	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	9.391	63	54838	43.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.32%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22083	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	30066	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	31803	4.98	ug/L	98
3) Chloromethane	1.288	50	31147	4.78	ug/L	94
5) Vinyl chloride	1.374	62	33414	4.79	ug/L	98
6) Bromomethane	1.618	94	15471	4.10	ug/L	94
8) Chloroethane	1.691	64	19516	4.64	ug/L	99
9) Trichlorofluoromethane	1.892	101	44955	4.92	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	26902	5.06	ug/L	99
12) 1,1-Dichloroethene	2.325	96	25714	5.03	ug/L	97
13) Acetone	2.404	43	38727	54.48	ug/L	99
14) Carbon disulfide	2.514	76	80434	4.86	ug/L	99
15) Methyl Acetate	2.715	43	10413	4.59	ug/L	92
16) Methylene chloride	2.794	84	29820	4.24	ug/L	95
17) Methyl tert-butyl Ether	3.117	73	65011	5.13	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	28624	5.18	ug/L	98
19) 1,1-Dichloroethane	3.617	63	49219	5.17	ug/L	98
21) 2-Butanone	4.574	43	70850	54.14	ug/L	98
22) cis-1,2-Dichloroethene	4.495	96	30317	5.08	ug/L	86
23) Bromochloromethane	4.904	128	11904	5.12	ug/L	99
25) Chloroform	5.099	83	57008	5.76	ug/L	99

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 Response via : Initial Calibration

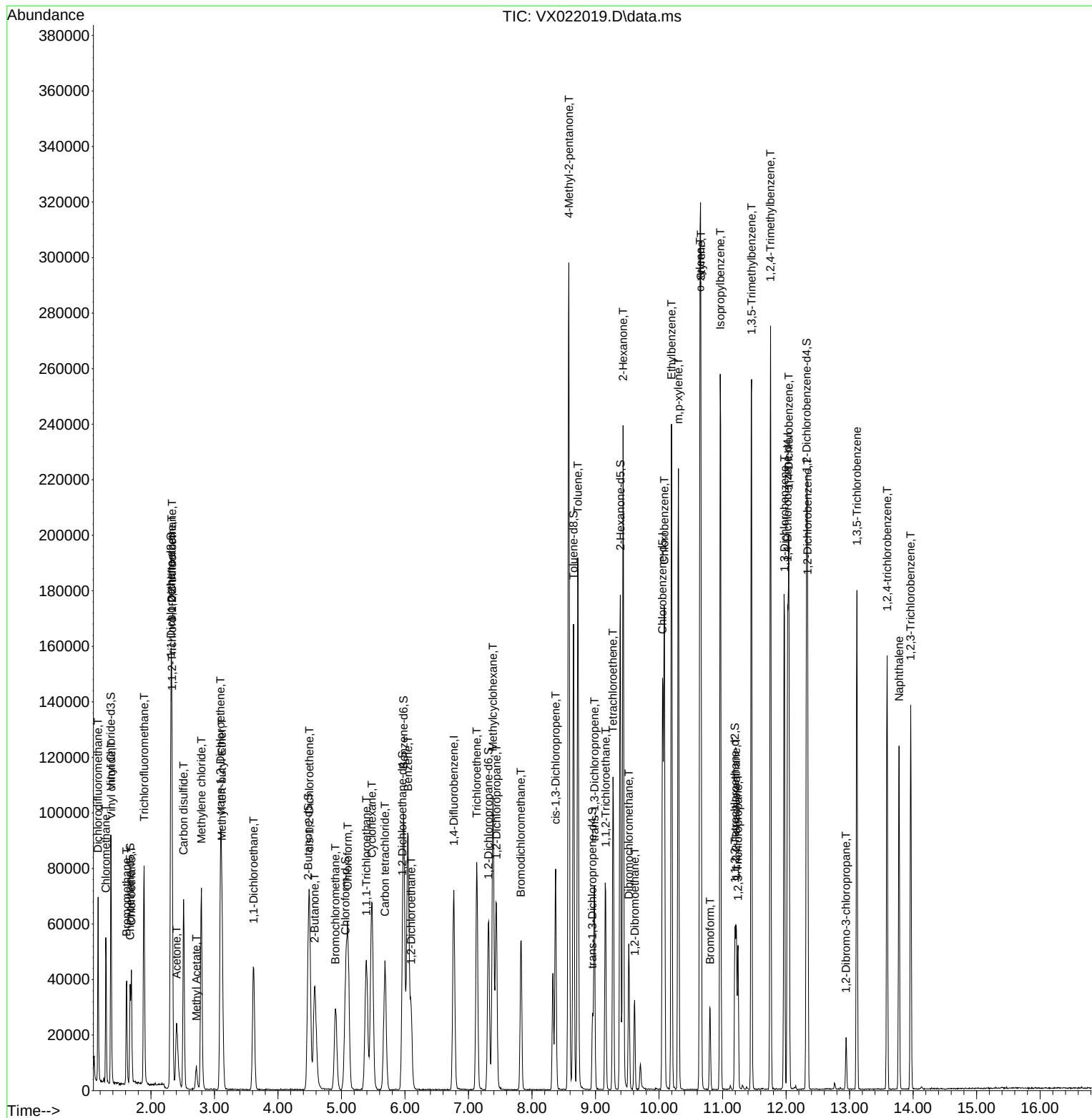
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	29823	5.18	ug/L	96
29) 1,1,1-Trichloroethane	5.391	97	46340	5.16	ug/L	98
30) Cyclohexane	5.477	56	48198	5.00	ug/L	99
31) Carbon tetrachloride	5.684	117	37766	4.96	ug/L	99
33) Benzene	6.050	78	116088	5.16	ug/L	100
34) Trichloroethene	7.129	95	30143	5.15	ug/L	92
35) Methylcyclohexane	7.385	83	48945	4.89	ug/L	99
37) 1,2-Dichloropropane	7.440	63	27005	4.94	ug/L	97
38) Bromodichloromethane	7.824	83	34792	4.96	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	40624	4.76	ug/L	91
40) 4-Methyl-2-pentanone	8.580	43	176063	51.74	ug/L	99
42) Toluene	8.720	91	122886	5.14	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	33878	4.80	ug/L	94
45) 1,1,2-Trichloroethane	9.159	97	19699	5.24	ug/L	96
47) Tetrachloroethene	9.275	164	19267	4.93	ug/L	95
48) 2-Hexanone	9.433	43	124884	52.56	ug/L	98
49) Dibromochloromethane	9.525	129	21546	4.90	ug/L	98
50) 1,2-Dibromoethane	9.616	107	17236	4.97	ug/L #	96
51) Chlorobenzene	10.086	112	76934	5.19	ug/L	98
52) Ethylbenzene	10.195	91	136349	5.11	ug/L	99
53) m,p-xylene	10.305	106	51997	5.07	ug/L	95
54) o-xylene	10.646	106	50774	5.12	ug/L	90
55) Styrene	10.659	104	83302	5.01	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	22464	5.08	ug/L	99
59) Bromoform	10.805	173	9869	4.80	ug/L	100
60) Isopropylbenzene	10.963	105	134265	5.24	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	16723	5.38	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	113047	5.26	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	116161	5.25	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	54367	5.17	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	54542	5.22	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	50453	5.24	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	3869	5.19	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.116	180	38046	5.08	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	31506	4.95	ug/L	98
71) Naphthalene	13.780	128	71680	5.22	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	28061	5.00	ug/L	99

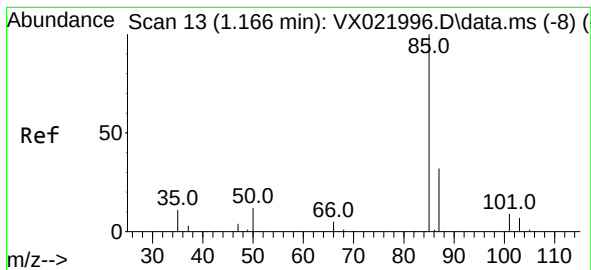
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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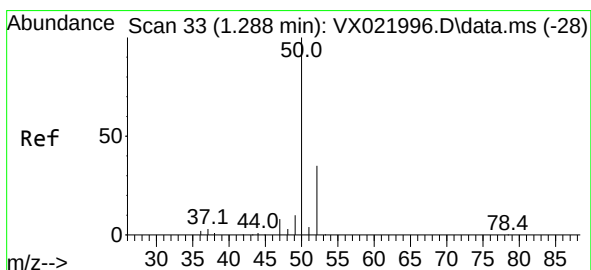
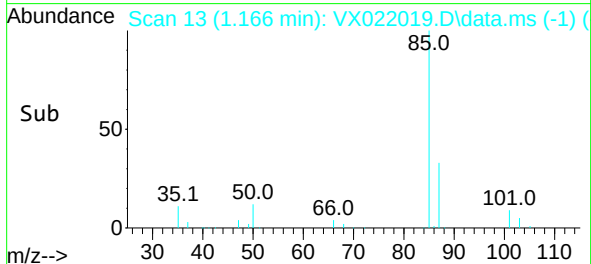
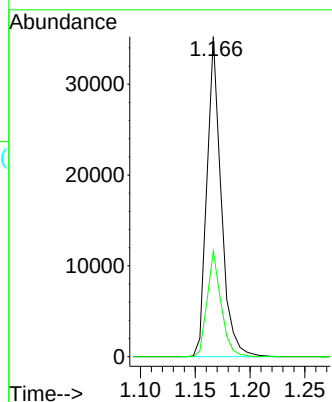
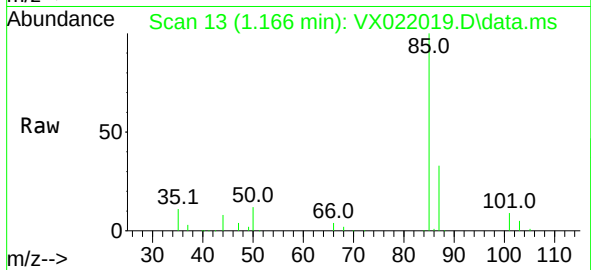




#2
Dichlorodifluoromethane
Concen: 4.98 ug/L
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

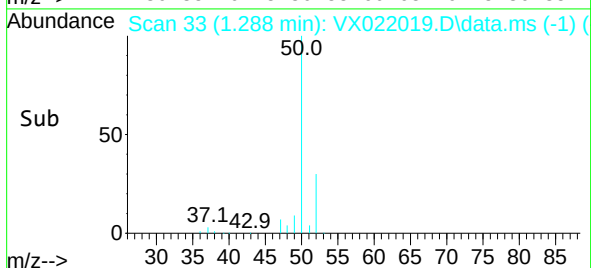
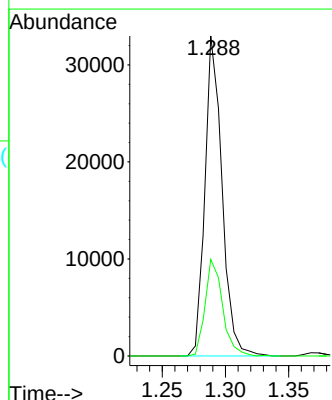
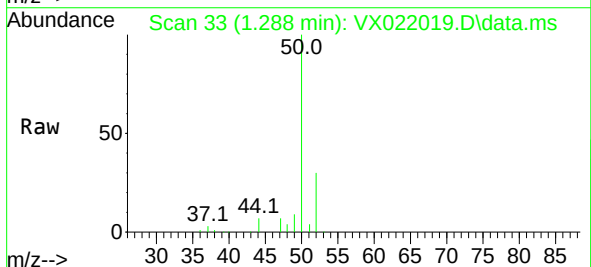
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

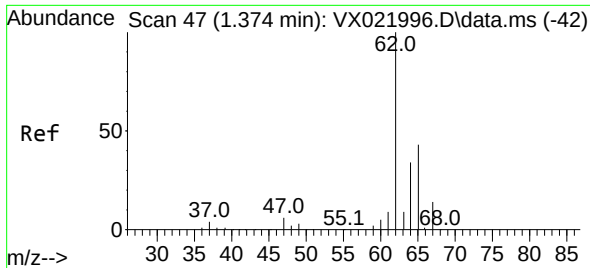
Tgt Ion: 85 Resp: 31803
Ion Ratio Lower Upper
85 100
87 32.1 26.4 39.6



#3
Chloromethane
Concen: 4.78 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 50 Resp: 31147
Ion Ratio Lower Upper
50 100
52 30.1 23.3 43.3

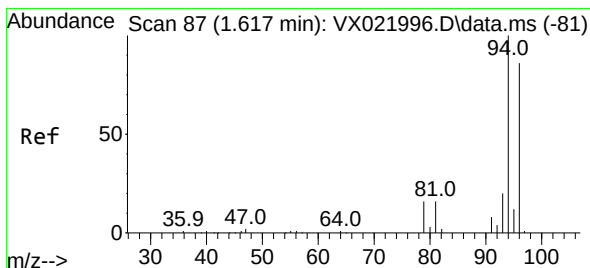
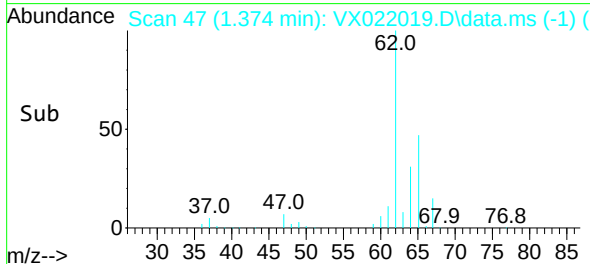
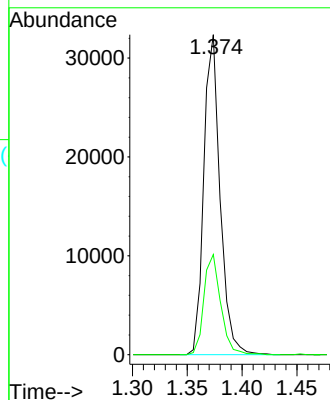
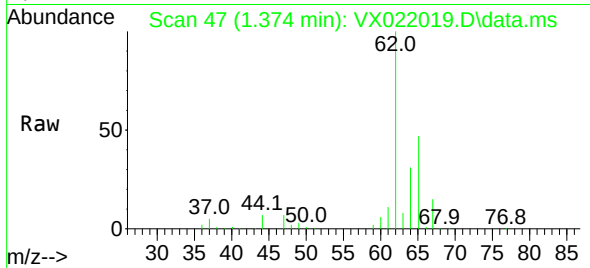




#5
 Vinyl chloride
 Concen: 4.79 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX022019.D
 Acq: 15 May 2021 00:56

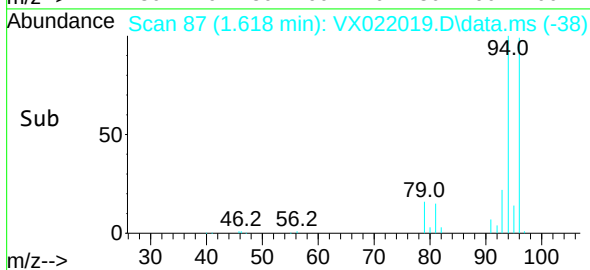
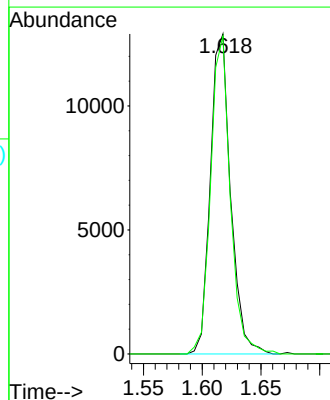
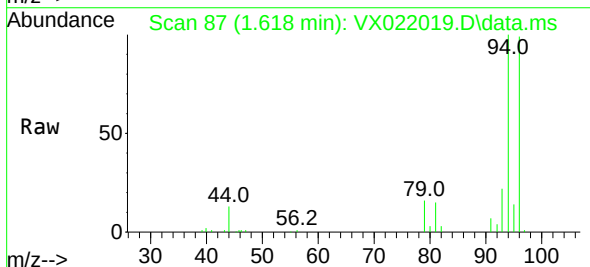
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005314

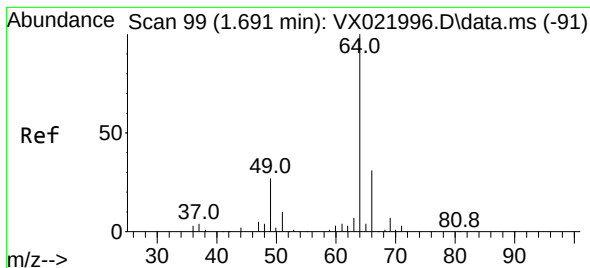
Tgt Ion: 62 Resp: 33414
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.7 42.1



#6
 Bromomethane
 Concen: 4.10 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX022019.D
 Acq: 15 May 2021 00:56

Tgt Ion: 94 Resp: 15471
 Ion Ratio Lower Upper
 94 100
 96 99.3 65.3 121.3

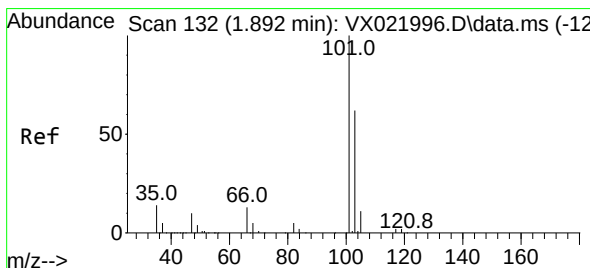
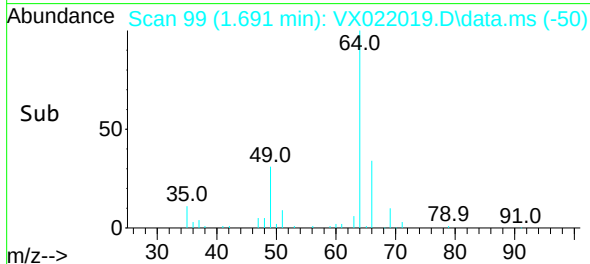
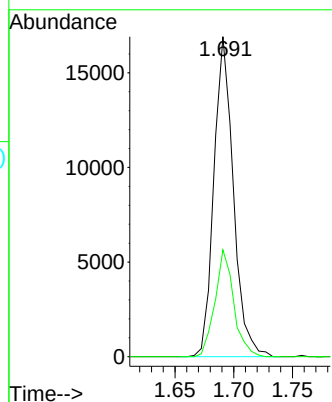
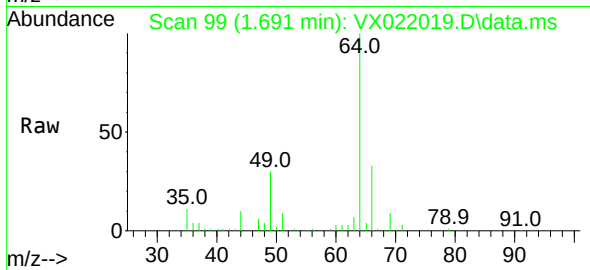




#8
Chloroethane
Concen: 4.64 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

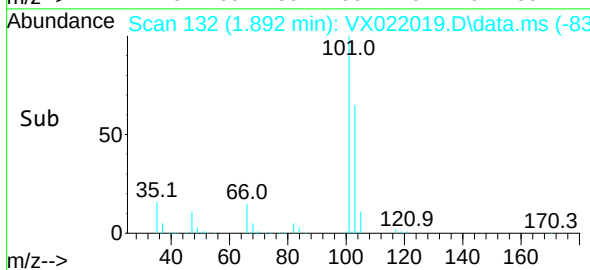
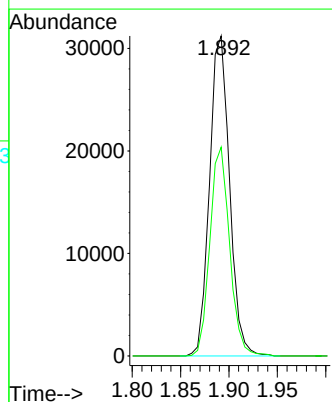
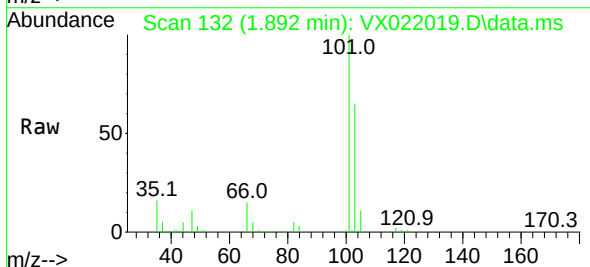
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

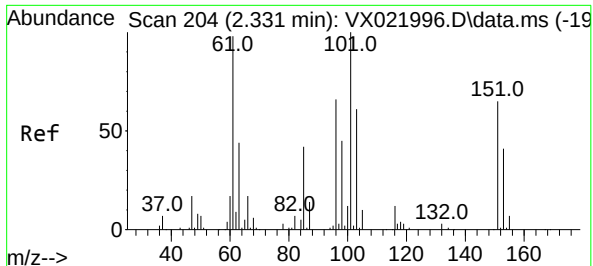
Tgt Ion: 64 Resp: 19516
Ion Ratio Lower Upper
64 100
66 33.4 23.6 43.8



#9
Trichlorofluoromethane
Concen: 4.92 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:101 Resp: 44955
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0





#10

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

Concen: 5.06 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX022019.D

Acq: 15 May 2021 00:56

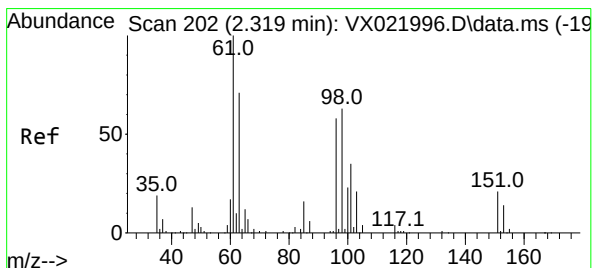
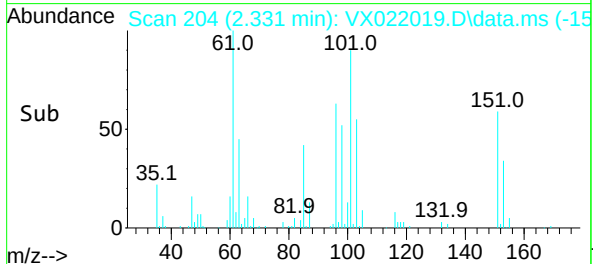
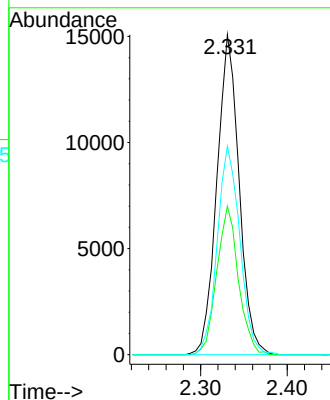
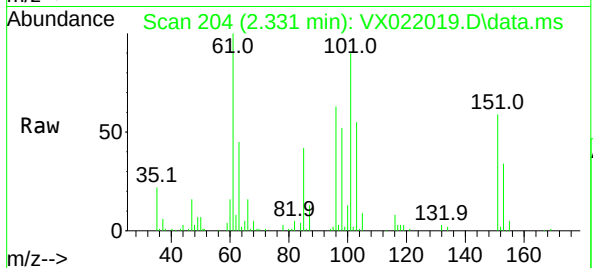
Tgt Ion:	101	Resp:	26902
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	66.1	53.4	80.2

Instrument :

MSVOA_X

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VSTD005314



#12

1,1-Dichloroethene

Concen: 5.03 ug/L

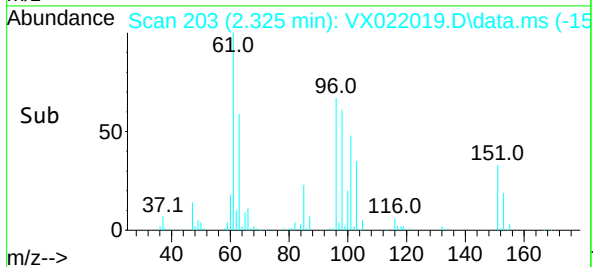
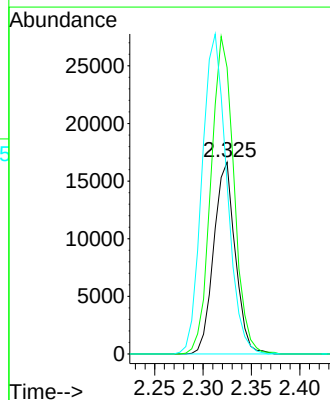
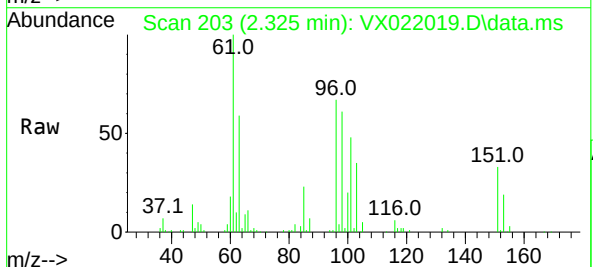
RT: 2.325 min Scan# 203

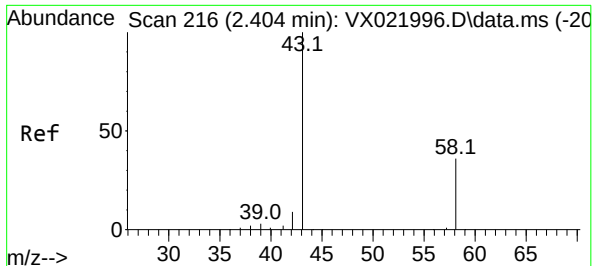
Delta R.T. 0.006 min

Lab File: VX022019.D

Acq: 15 May 2021 00:56

Tgt Ion:	96	Resp:	25714
Ion	Ratio	Lower	Upper
96	100		
61	149.4	106.3	197.3
63	88.9	65.0	120.8

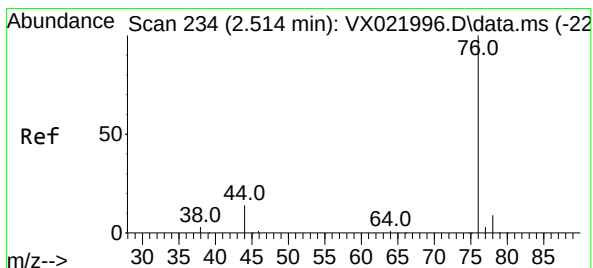
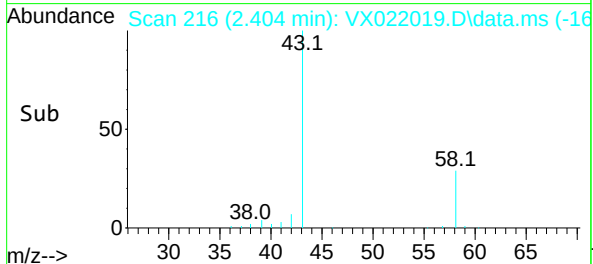
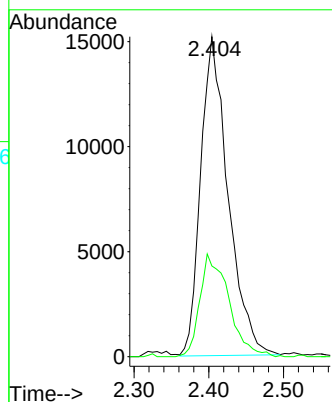
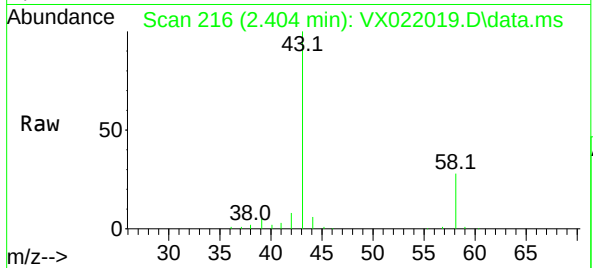




#13
Acetone
Concen: 54.48 ug/L
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

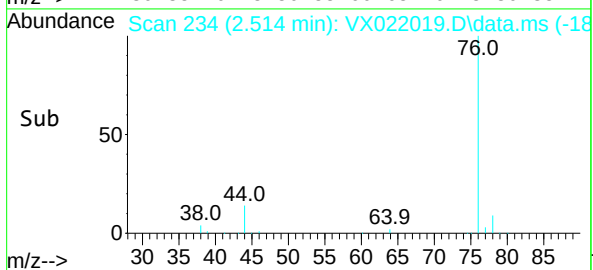
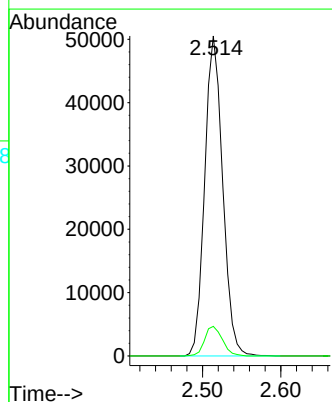
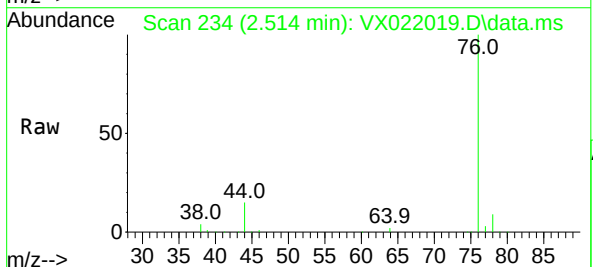
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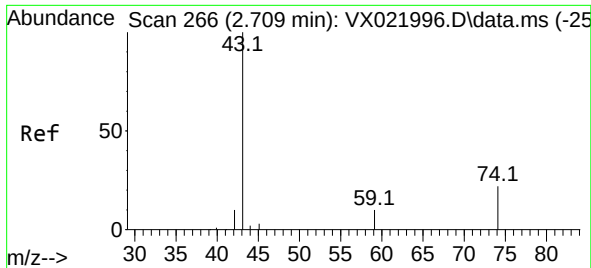
Tgt Ion: 43 Resp: 38727
Ion Ratio Lower Upper
43 100
58 33.8 0.0 66.4



#14
Carbon disulfide
Concen: 4.86 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 80434
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

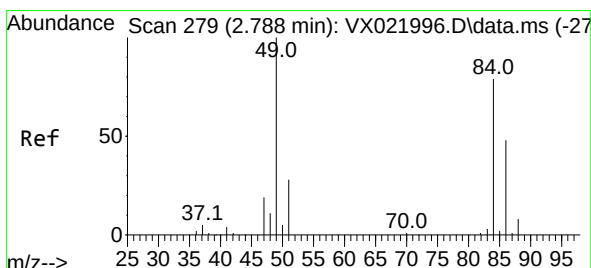
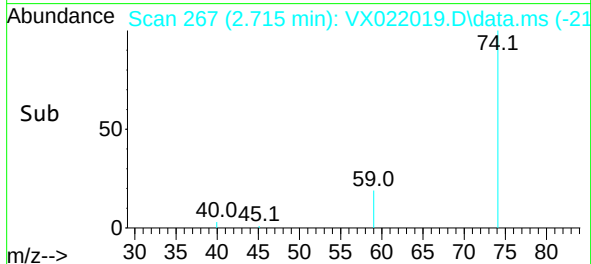
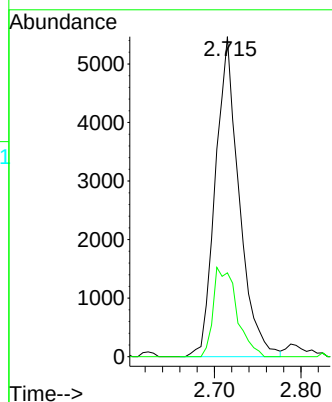
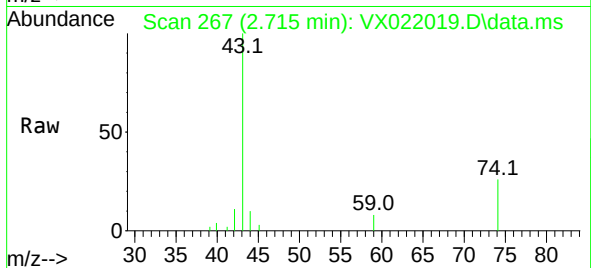




#15
Methyl Acetate
Concen: 4.59 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

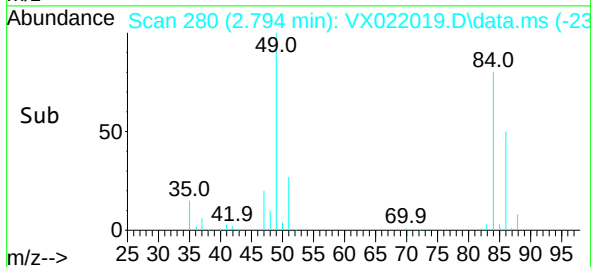
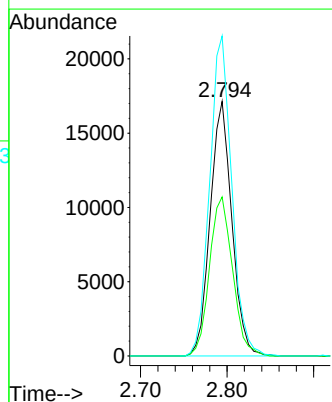
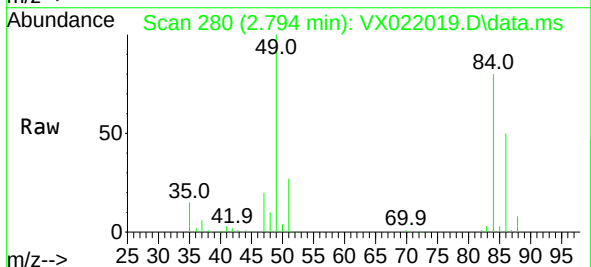
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

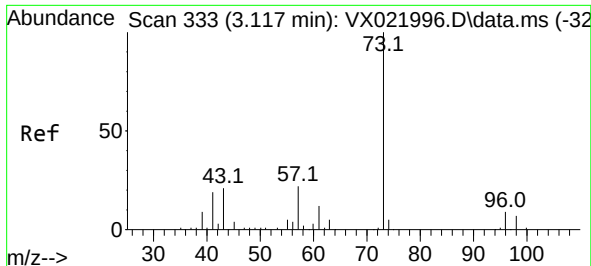
Tgt Ion: 43 Resp: 10413
Ion Ratio Lower Upper
43 100
74 27.4 18.7 28.1



#16
Methylene chloride
Concen: 4.24 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 84 Resp: 29820
Ion Ratio Lower Upper
84 100
86 62.5 46.3 86.1
49 125.7 84.4 156.7

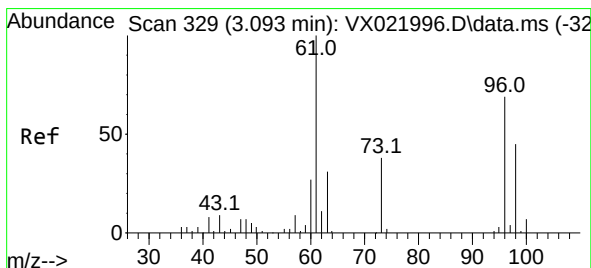
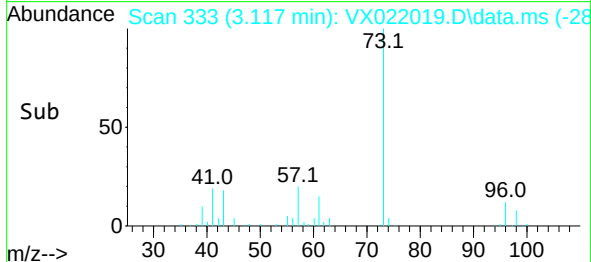
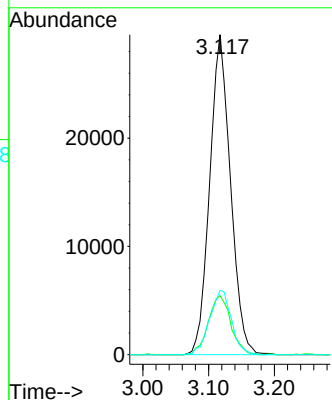
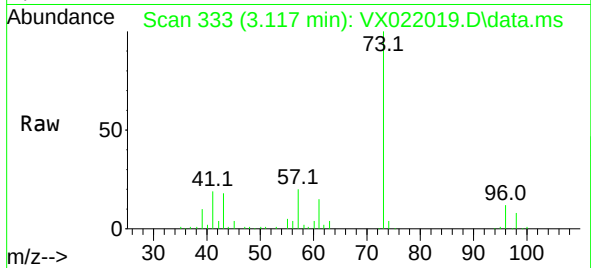




#17
Methyl tert-butyl Ether
Concen: 5.13 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

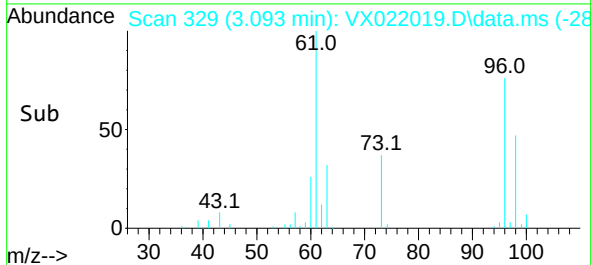
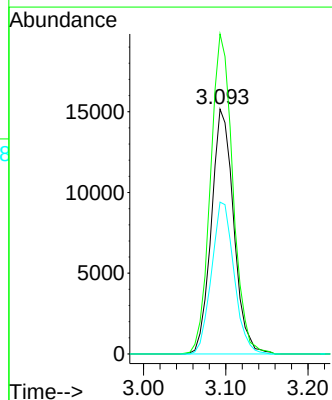
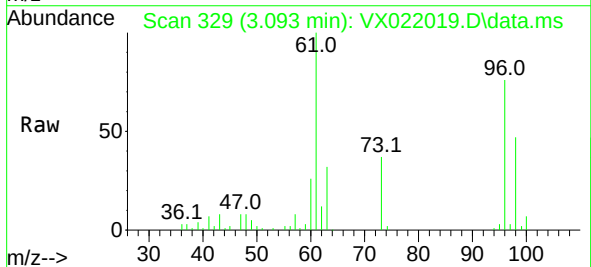
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

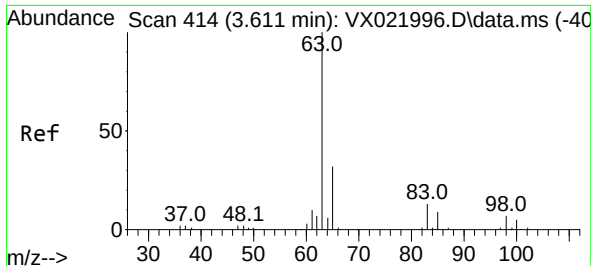
Tgt Ion: 73 Resp: 65011
Ion Ratio Lower Upper
73 100
43 20.0 16.5 24.7
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.18 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 96 Resp: 28624
Ion Ratio Lower Upper
96 100
61 130.7 93.0 172.8
98 62.0 44.8 83.2





#19

1,1-Dichloroethane

Concen: 5.17 ug/L

RT: 3.617 min Scan# 415

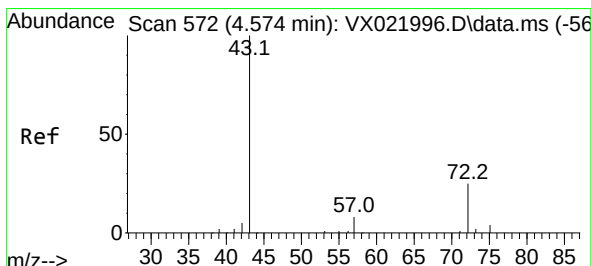
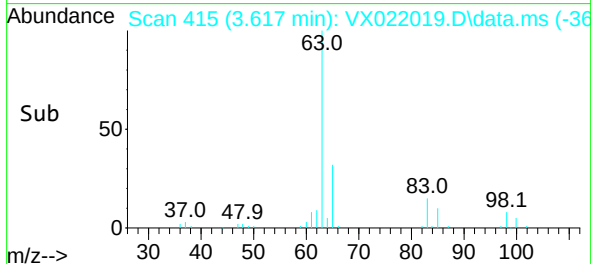
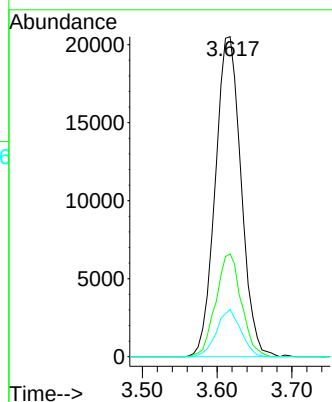
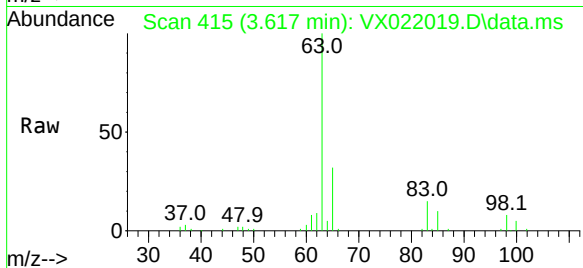
Delta R.T. 0.006 min

Lab File: VX022019.D

Acq: 15 May 2021 00:56

Tgt Ion: 63 Resp: 49219

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.5	41.9
83	14.8	8.7	16.1



#21

2-Butanone

Concen: 54.14 ug/L

RT: 4.574 min Scan# 572

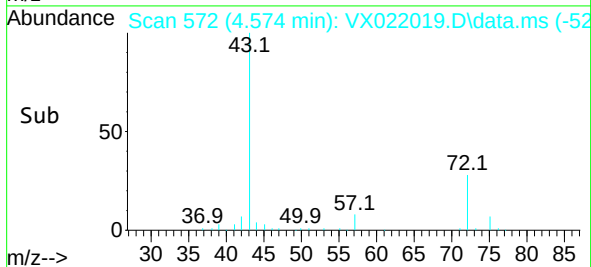
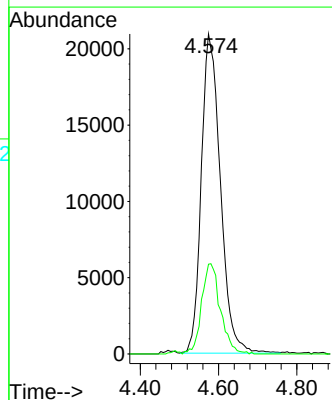
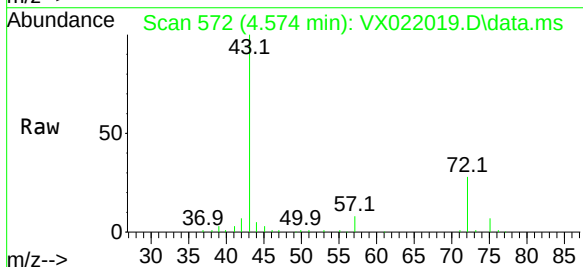
Delta R.T. 0.000 min

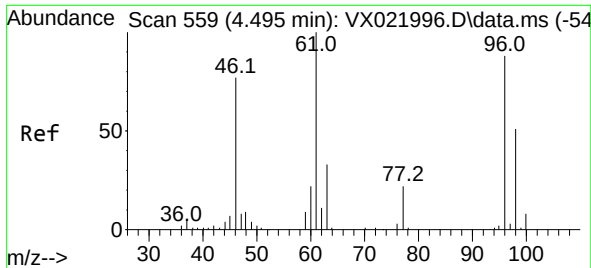
Lab File: VX022019.D

Acq: 15 May 2021 00:56

Tgt Ion: 43 Resp: 70850

Ion	Ratio	Lower	Upper
43	100		
72	27.8	14.4	43.2

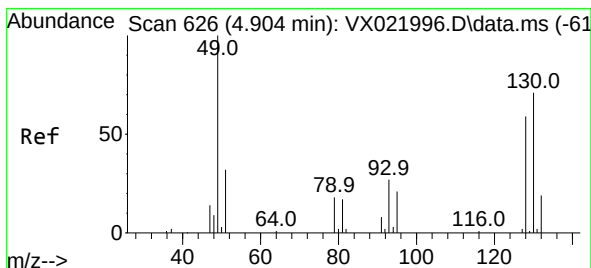
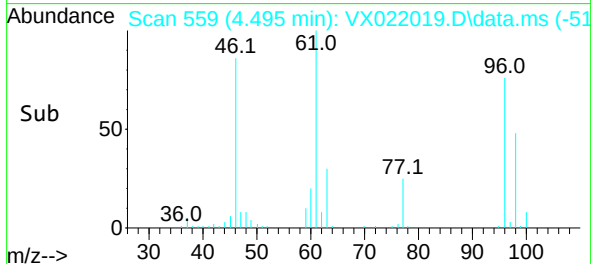
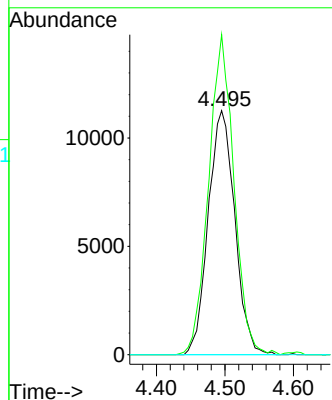
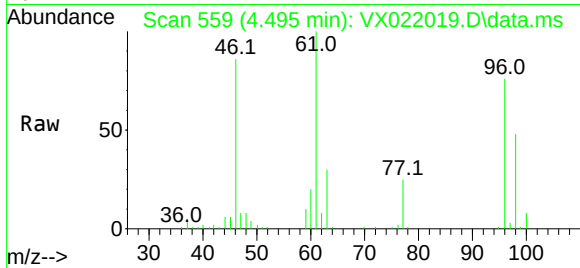




#22
cis-1,2-Dichloroethene
Concen: 5.08 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

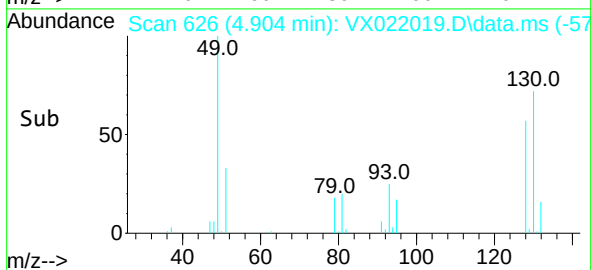
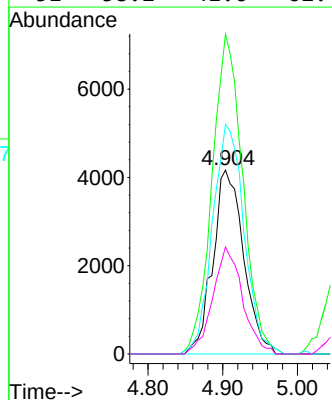
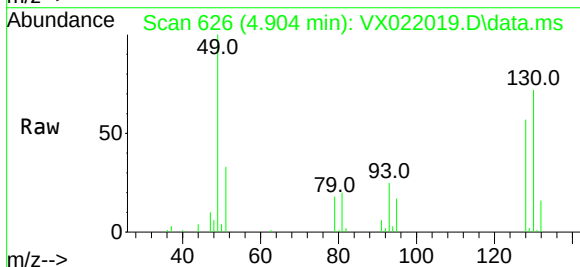
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

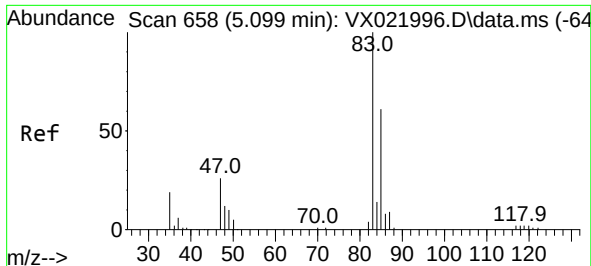
Tgt Ion: 96 Resp: 30317
Ion Ratio Lower Upper
96 100
61 131.2 80.9 150.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.12 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 128 Resp: 11904
Ion Ratio Lower Upper
128 100
49 174.0 121.9 226.3
130 124.9 87.7 162.9
51 58.2 41.6 62.4





#25

Chloroform

Concen: 5.76 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX022019.D

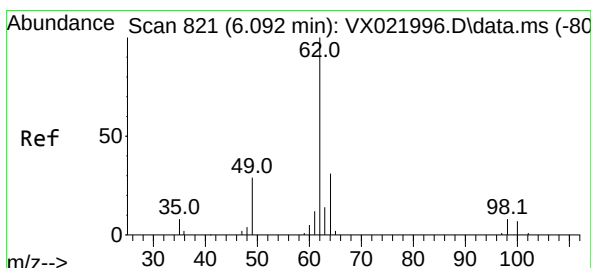
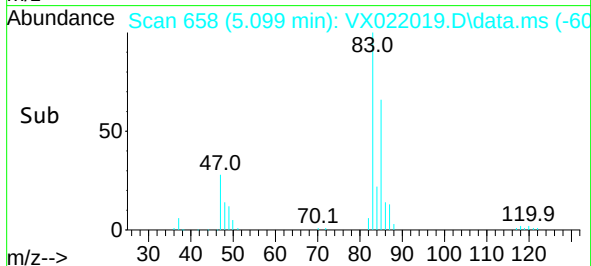
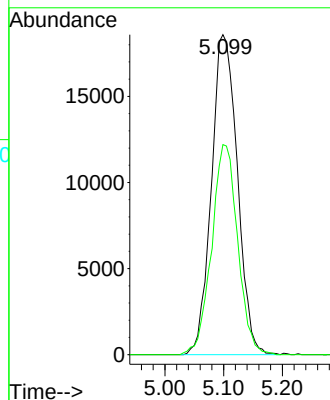
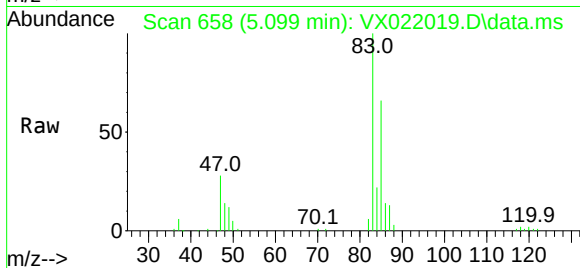
Acq: 15 May 2021 00:56

Tgt Ion: 83 Resp: 57008

Ion Ratio Lower Upper

83 100

85 65.7 46.3 86.1



#27

1,2-Dichloroethane

Concen: 5.18 ug/L

RT: 6.098 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX022019.D

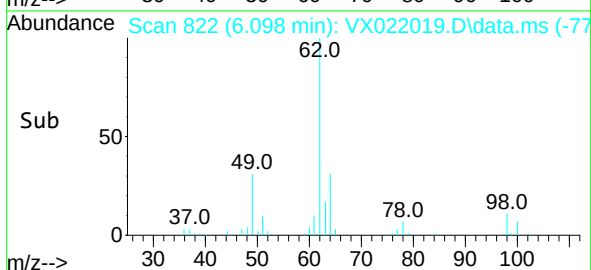
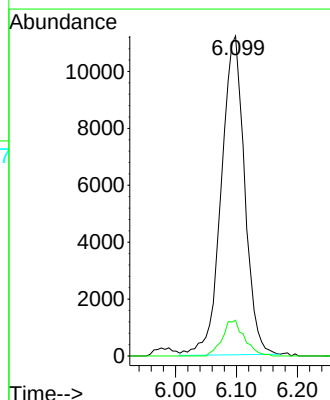
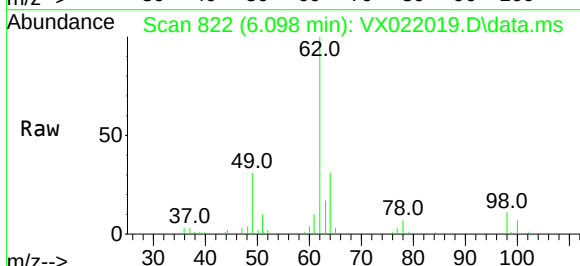
Acq: 15 May 2021 00:56

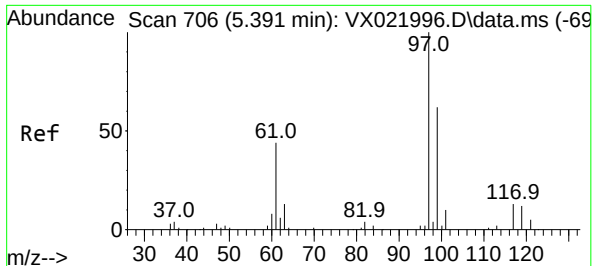
Tgt Ion: 62 Resp: 29823

Ion Ratio Lower Upper

62 100

98 11.2 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.16 ug/L

RT: 5.391 min Scan# 706

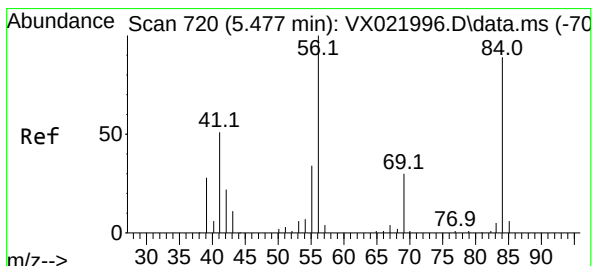
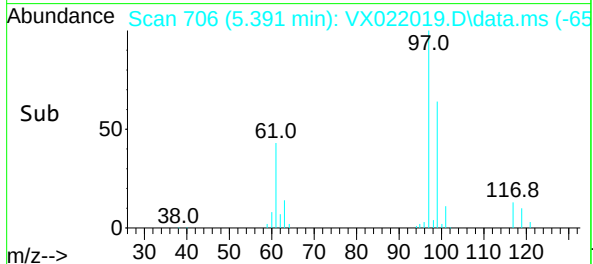
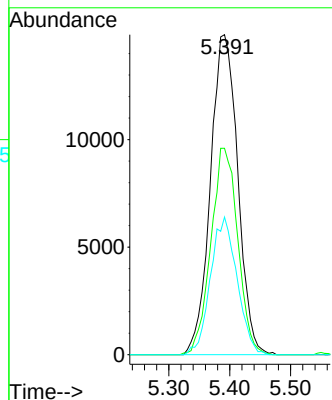
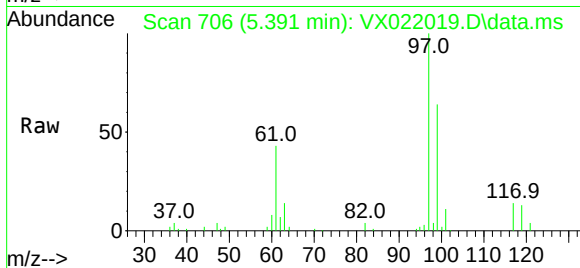
Delta R.T. 0.000 min

Lab File: VX022019.D

Acq: 15 May 2021 00:56

Tgt Ion:	97	Resp:	46340
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.0
61	41.9	35.4	53.2

Instrument :
MSVOA_X
ClientSampleId :
VSTD005314



#30

Cyclohexane

Concen: 5.00 ug/L

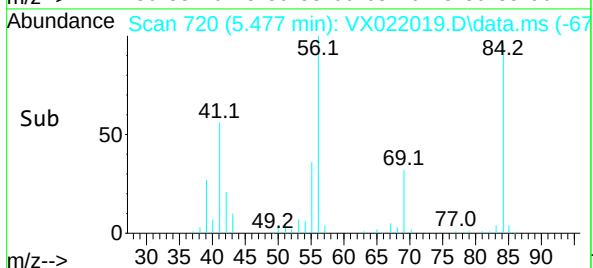
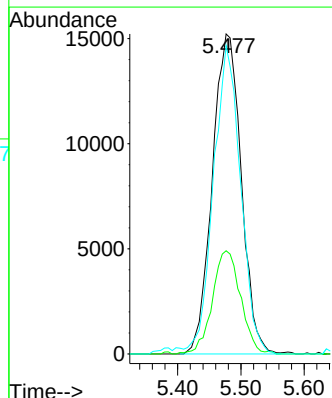
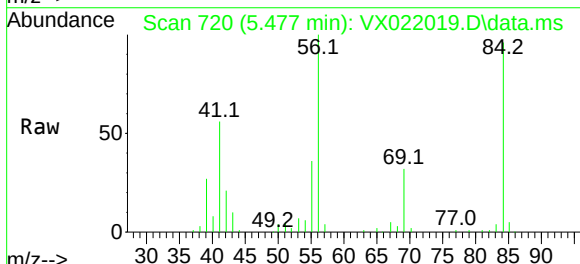
RT: 5.477 min Scan# 720

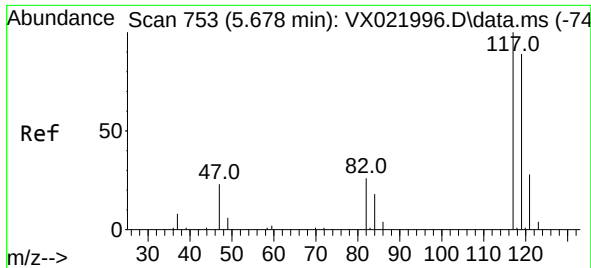
Delta R.T. 0.000 min

Lab File: VX022019.D

Acq: 15 May 2021 00:56

Tgt Ion:	56	Resp:	48198
Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.6	39.8
84	91.4	73.3	109.9

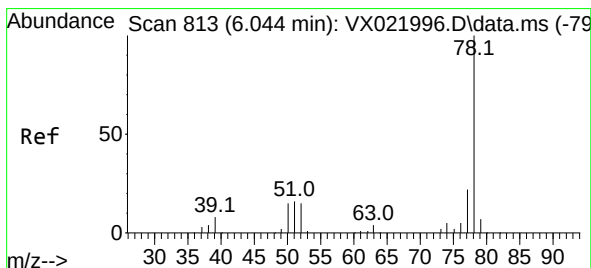
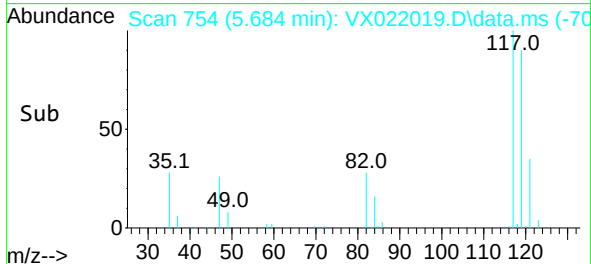
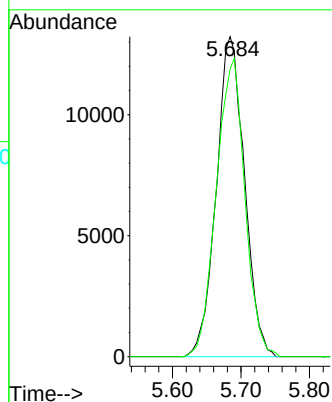
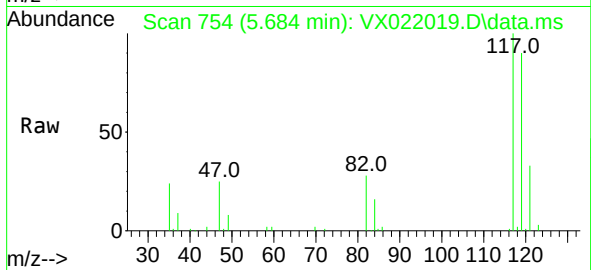




#31
Carbon tetrachloride
Concen: 4.96 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

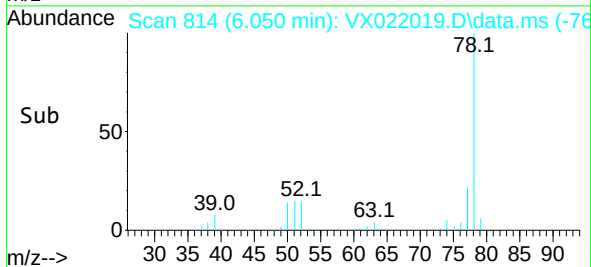
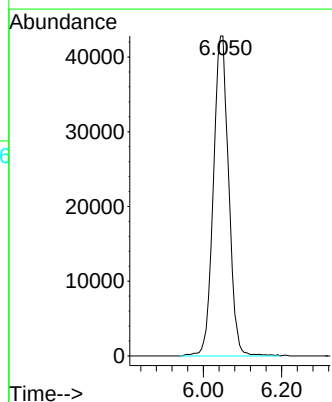
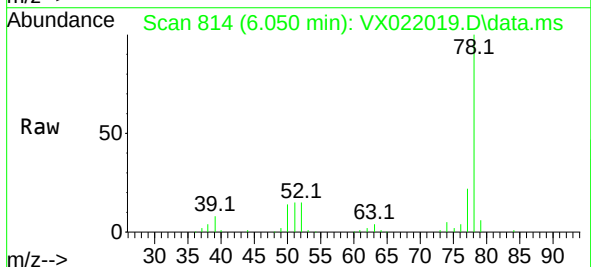
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

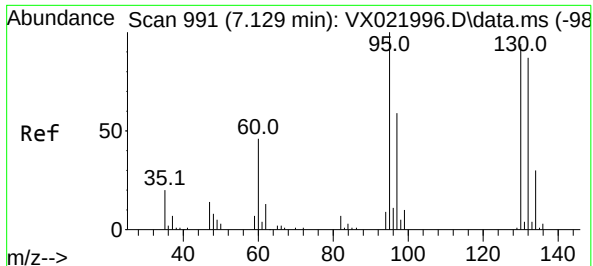
Tgt Ion:117 Resp: 37766
Ion Ratio Lower Upper
117 100
119 94.4 74.8 112.2



#33
Benzene
Concen: 5.16 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 78 Resp: 116088

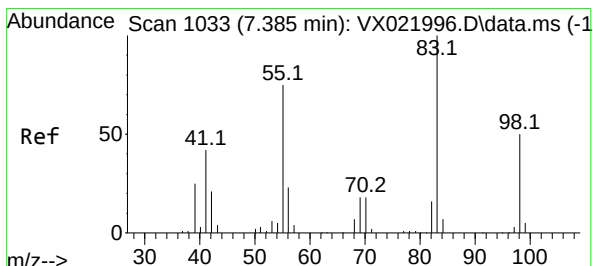
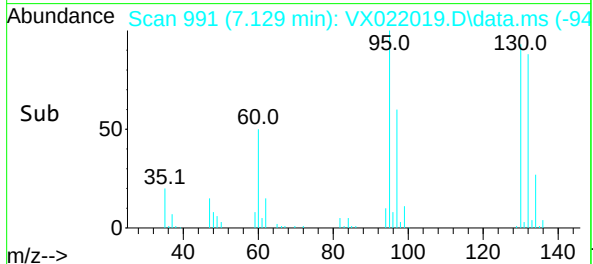
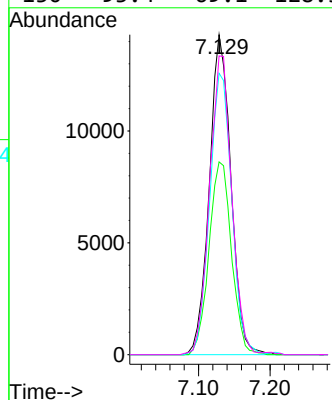
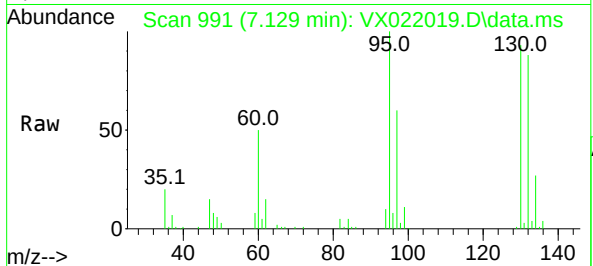




#34
Trichloroethene
Concen: 5.15 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

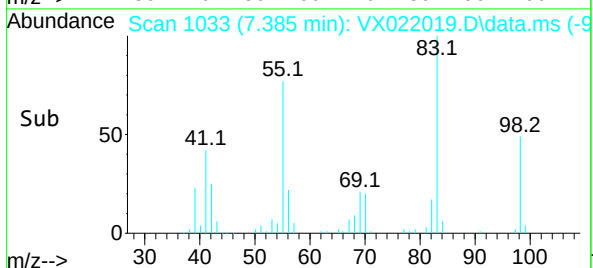
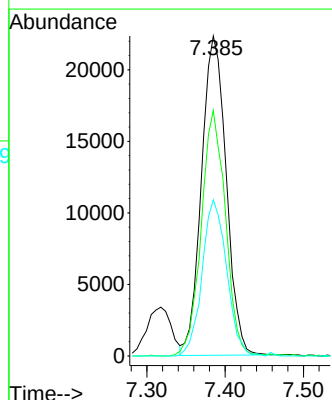
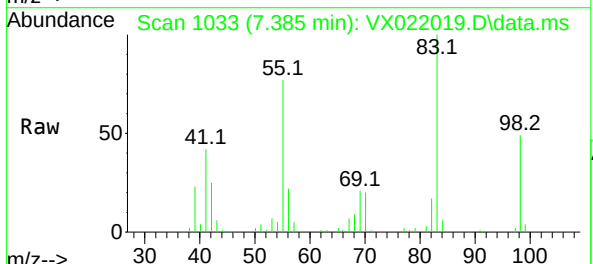
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

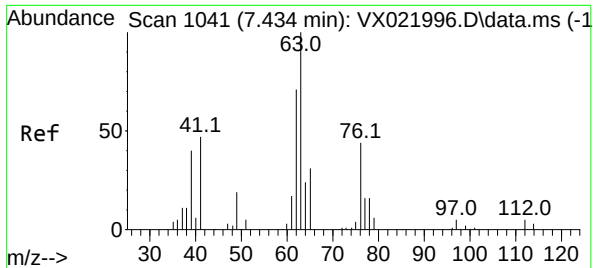
Tgt Ion: 95 Resp: 30143
Ion Ratio Lower Upper
95 100
97 60.2 48.6 90.2
132 87.9 67.3 125.1
130 93.4 69.1 128.3



#35
Methylcyclohexane
Concen: 4.89 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 83 Resp: 48945
Ion Ratio Lower Upper
83 100
55 75.2 60.3 90.5
98 48.5 39.4 59.2

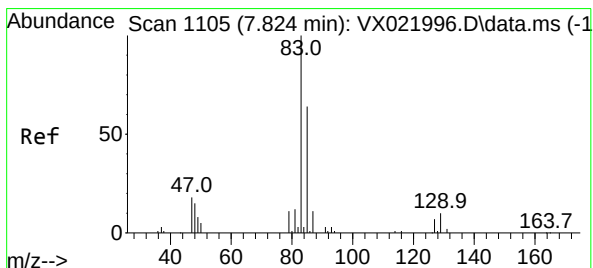
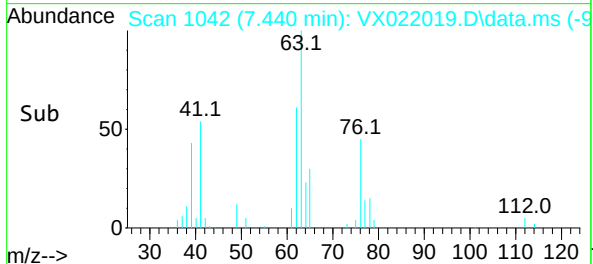
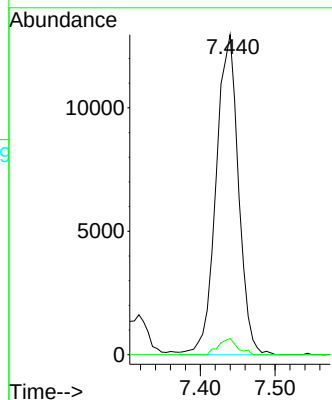
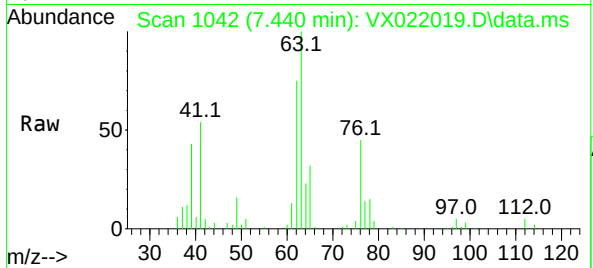




#37
1,2-Dichloropropane
Concen: 4.94 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

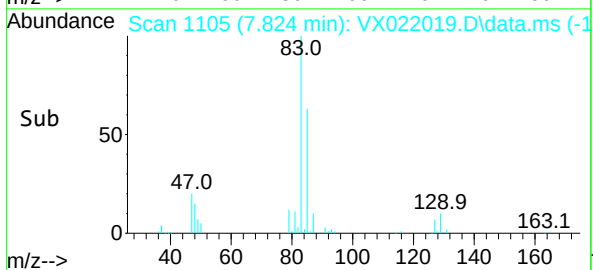
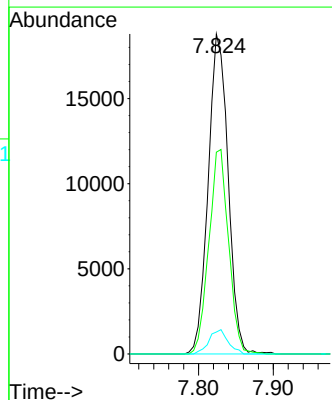
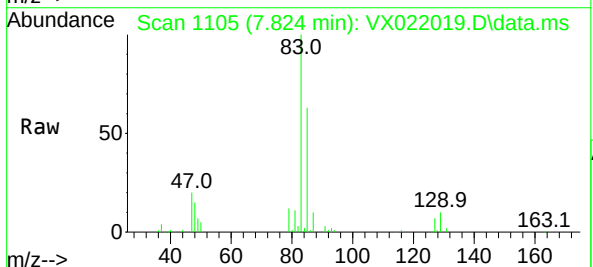
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

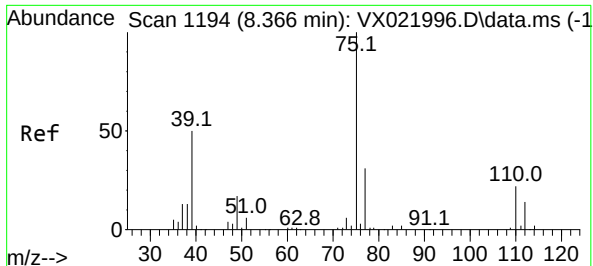
Tgt Ion: 63 Resp: 27005
Ion Ratio Lower Upper
63 100
112 4.2 4.1 6.1



#38
Bromodichloromethane
Concen: 4.96 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 83 Resp: 34792
Ion Ratio Lower Upper
83 100
85 63.0 41.1 76.3
127 6.8 6.1 9.1

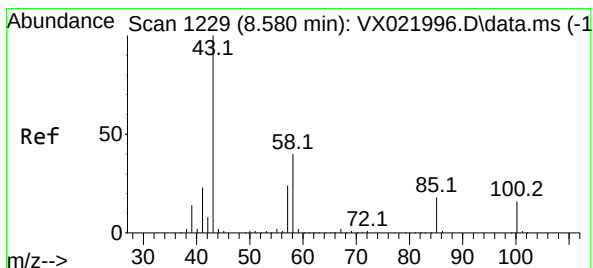
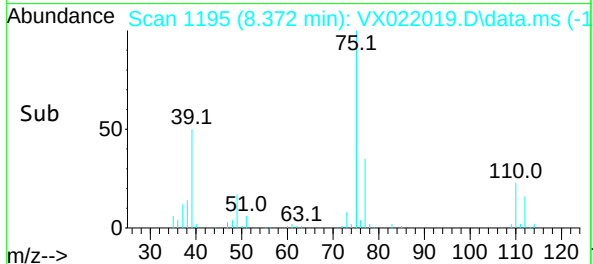
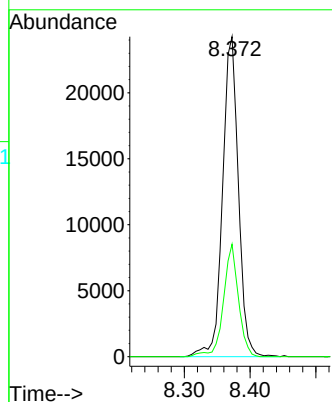
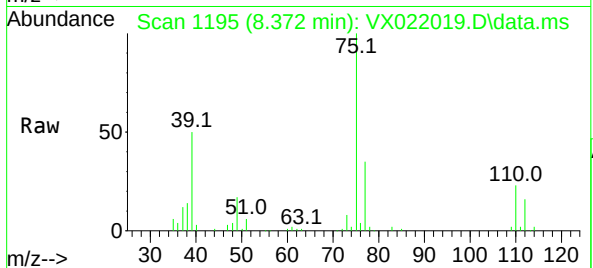




#39
 cis-1,3-Dichloropropene
 Concen: 4.76 ug/L
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX022019.D
 Acq: 15 May 2021 00:56

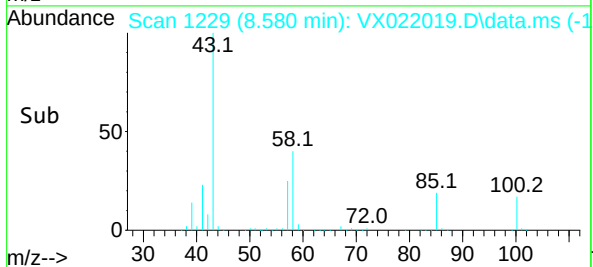
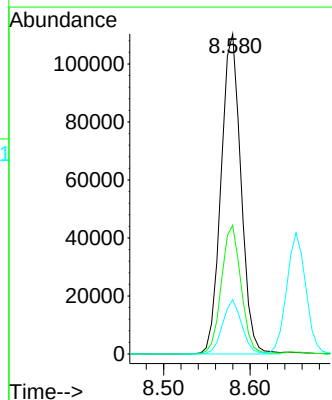
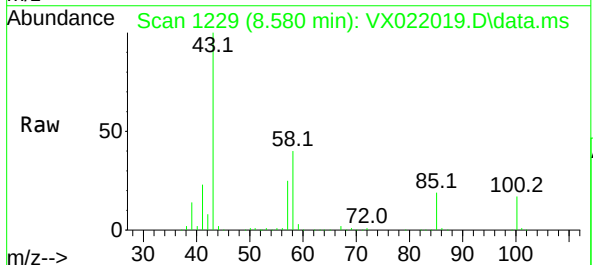
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD005314

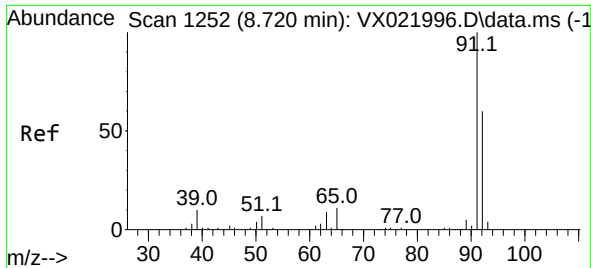
Tgt Ion: 75 Resp: 40624
 Ion Ratio Lower Upper
 75 100
 77 35.1 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 51.74 ug/L
 RT: 8.580 min Scan# 1229
 Delta R.T. 0.000 min
 Lab File: VX022019.D
 Acq: 15 May 2021 00:56

Tgt Ion: 43 Resp: 176063
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.0 48.0
 100 16.3 13.1 19.7

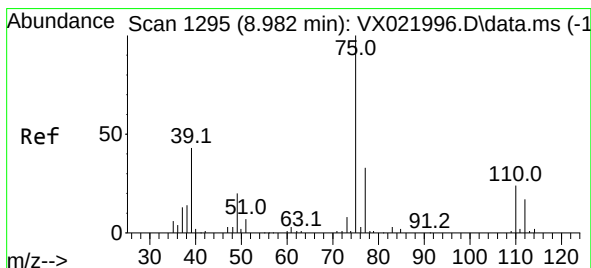
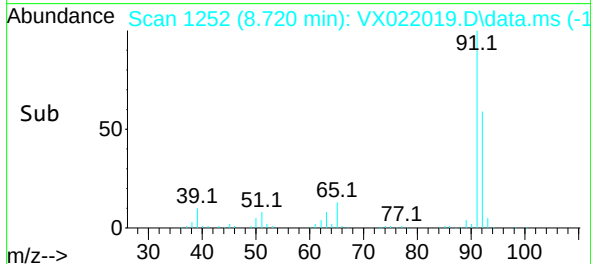
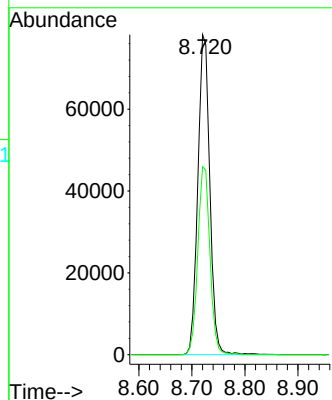
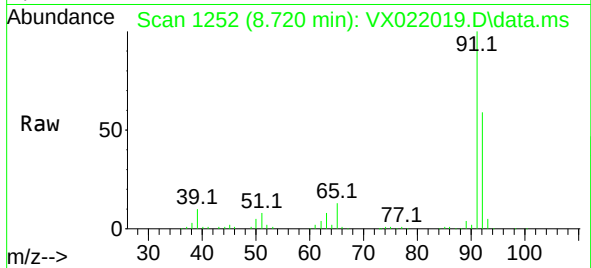




#42
Toluene
Concen: 5.14 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

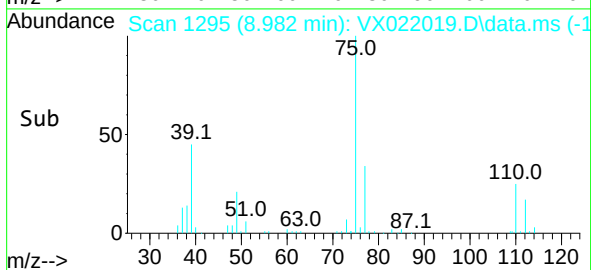
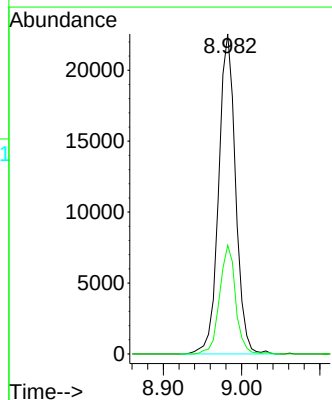
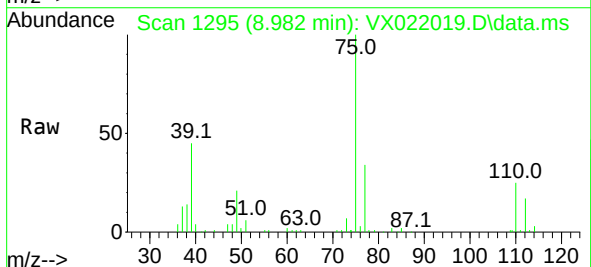
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

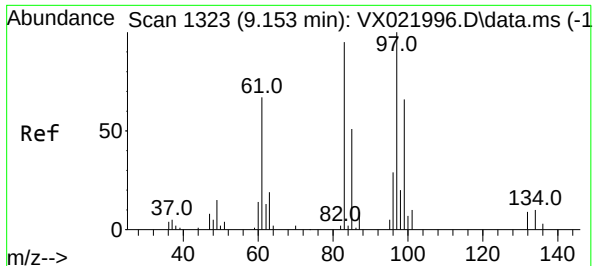
Tgt Ion: 91 Resp: 122886
Ion Ratio Lower Upper
91 100
92 58.7 42.1 78.3



#44
trans-1,3-Dichloropropene
Concen: 4.80 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 75 Resp: 33878
Ion Ratio Lower Upper
75 100
77 33.9 21.6 40.0



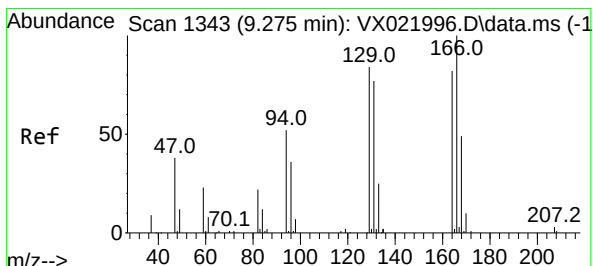
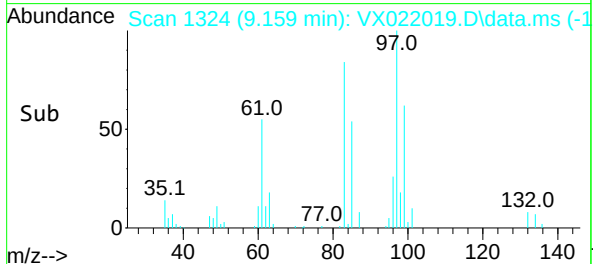
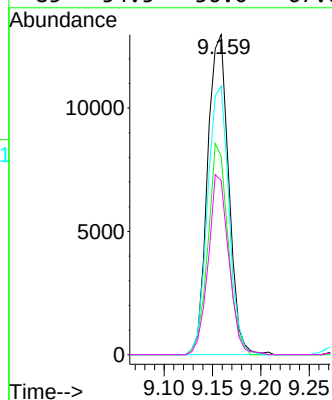
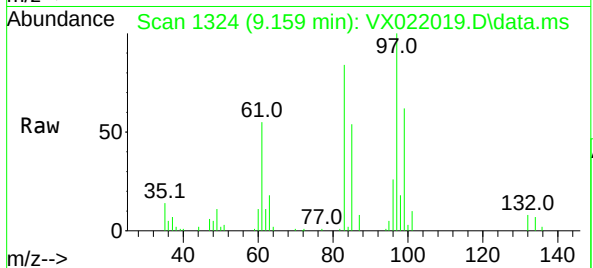


#45

1,1,2-Trichloroethane
Concen: 5.24 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

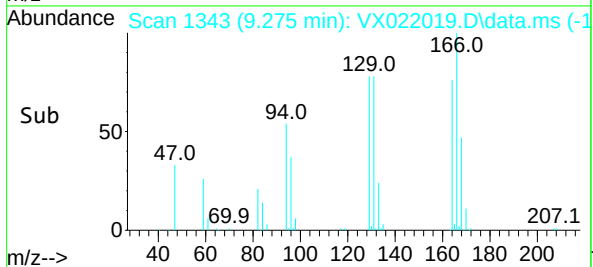
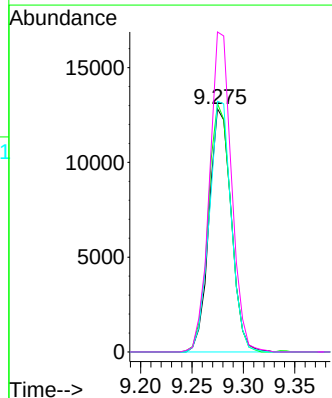
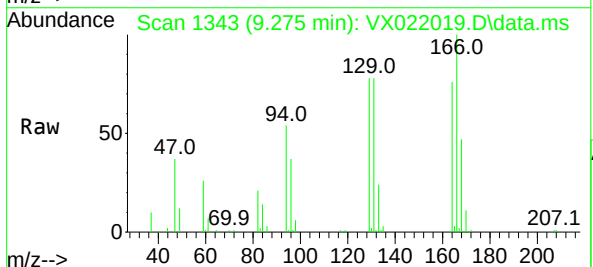
Tgt Ion:	97	Resp:	19699
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.6	79.0
83	84.0	55.4	102.8
85	54.5	36.0	67.0

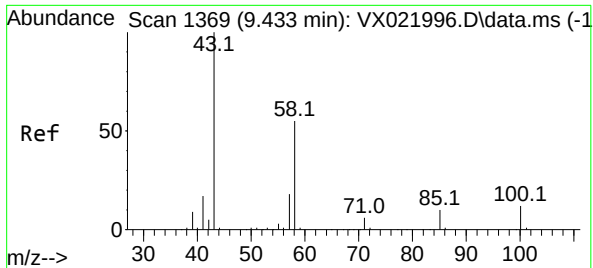


#47

Tetrachloroethene
Concen: 4.93 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:	164	Resp:	19267
Ion	Ratio	Lower	Upper
164	100		
129	102.2	73.1	135.7
131	103.0	69.1	128.3
166	131.5	85.0	157.8

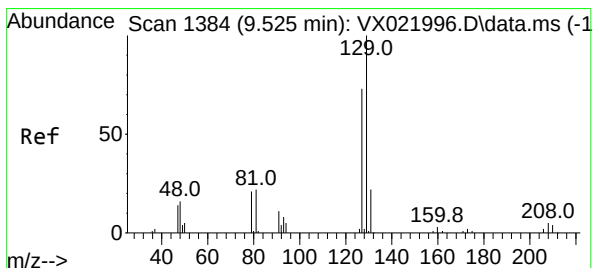
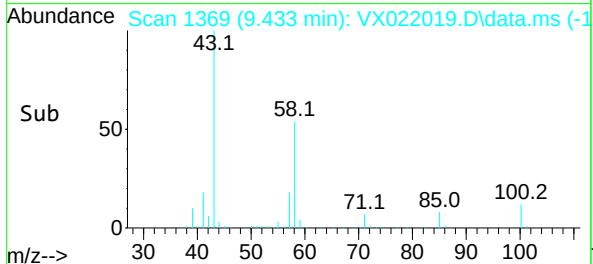
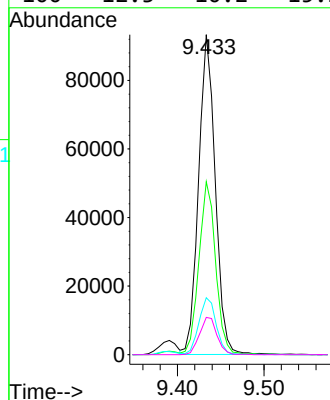
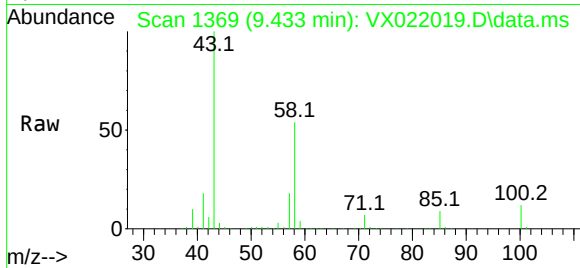




#48
2-Hexanone
Concen: 52.56 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

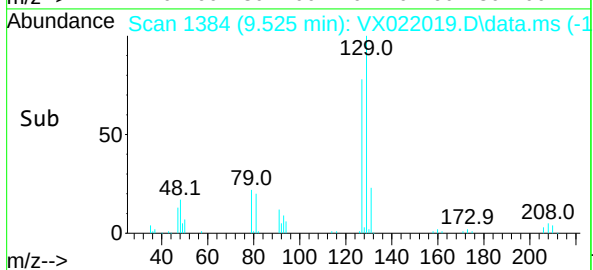
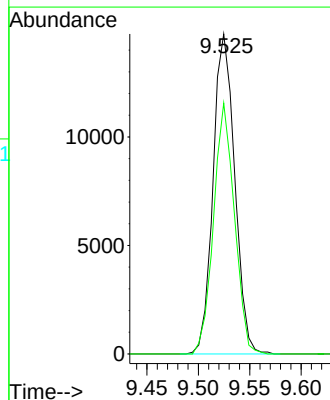
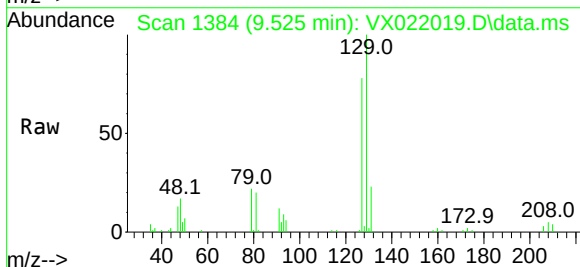
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

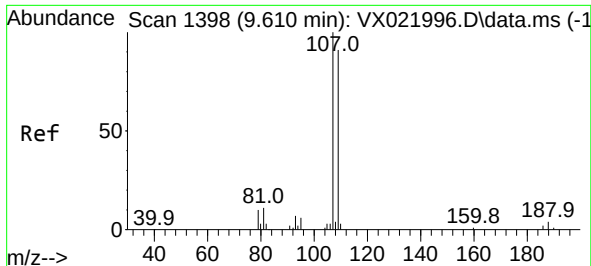
Tgt Ion:	43	Resp:	124884
Ion	Ratio	Lower	Upper
43	100		
58	54.1	44.6	67.0
57	18.5	14.8	22.2
100	12.3	10.2	15.2



#49
Dibromochloromethane
Concen: 4.90 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

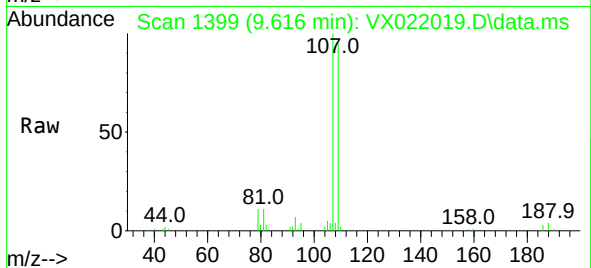
Tgt Ion:	129	Resp:	21546
Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.5	99.5



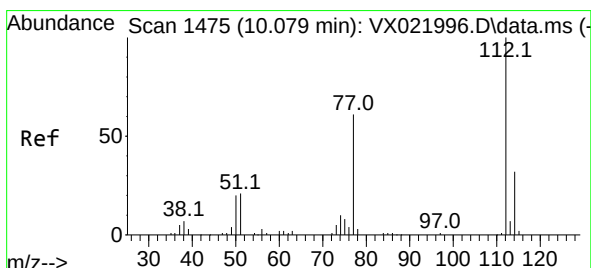
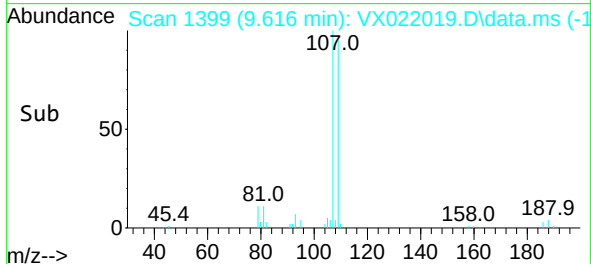
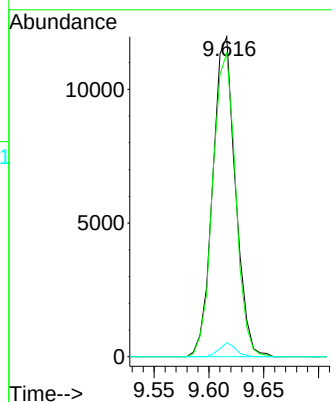


#50
1,2-Dibromoethane
Concen: 4.97 ug/L
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

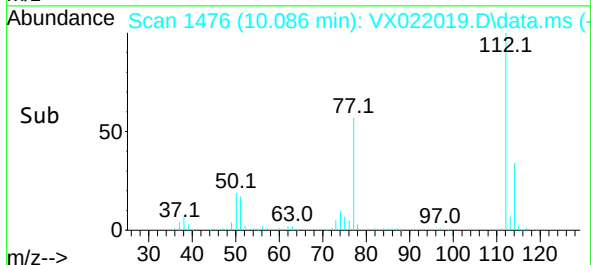
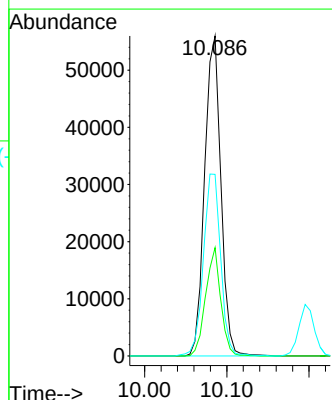
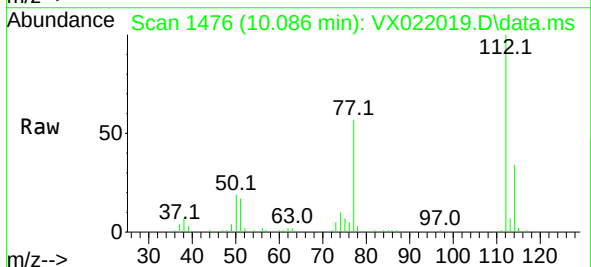


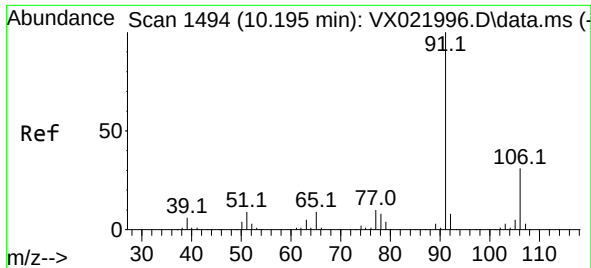
Tgt Ion:107 Resp: 17236
Ion Ratio Lower Upper
107 100
109 94.8 63.8 118.4
188 4.3 2.6 4.0#



#51
Chlorobenzene
Concen: 5.19 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:112 Resp: 76934
Ion Ratio Lower Upper
112 100
114 33.9 22.4 41.6
77 56.8 46.4 69.6

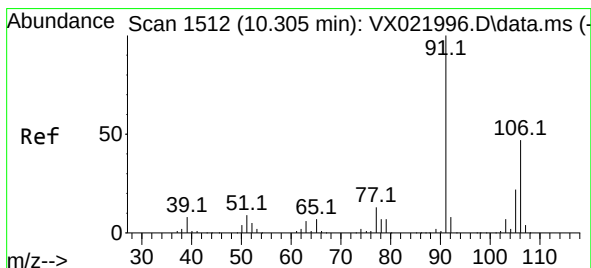
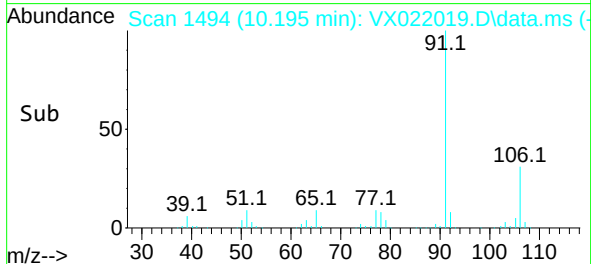
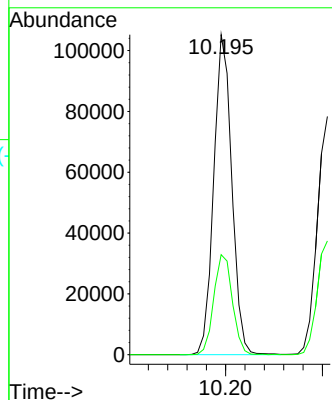
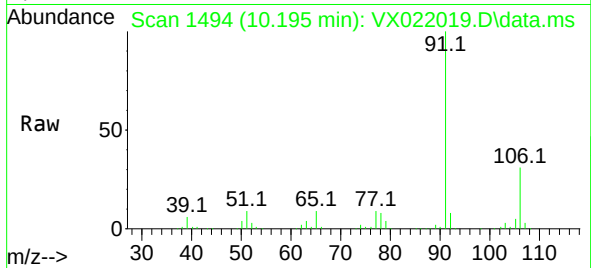




#52
Ethylbenzene
Concen: 5.11 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

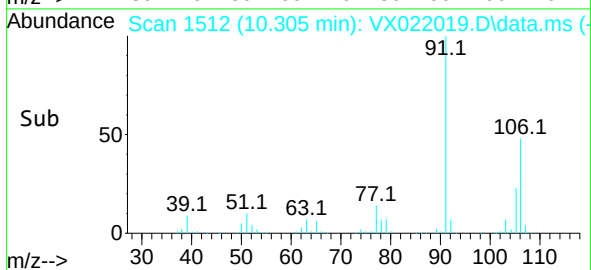
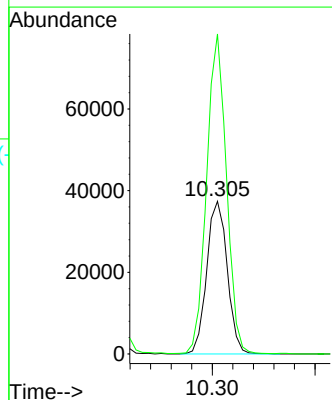
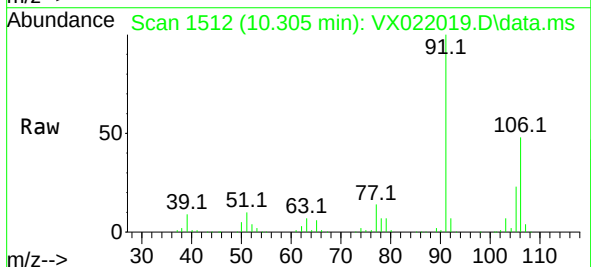
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

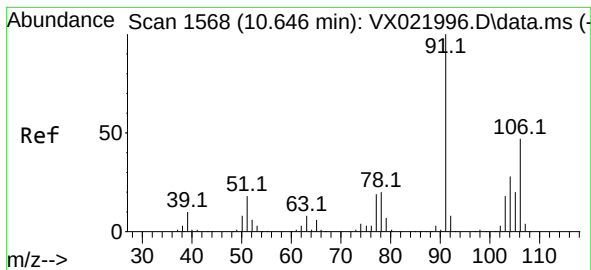
Tgt Ion: 91 Resp: 136349
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-xylene
Concen: 5.07 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 106 Resp: 51997
Ion Ratio Lower Upper
106 100
91 209.5 141.7 263.3

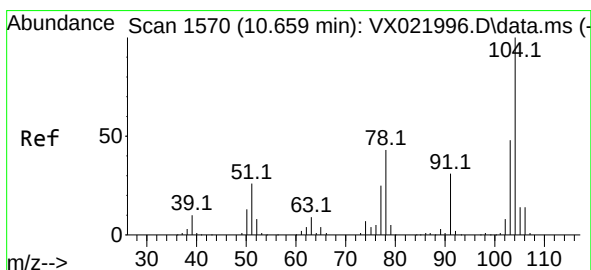
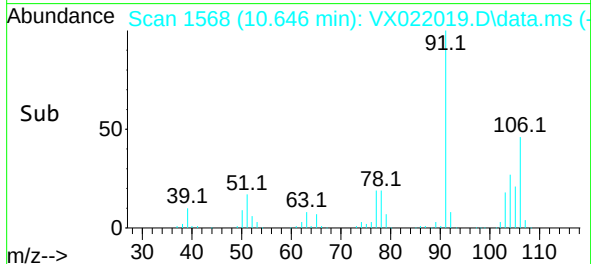
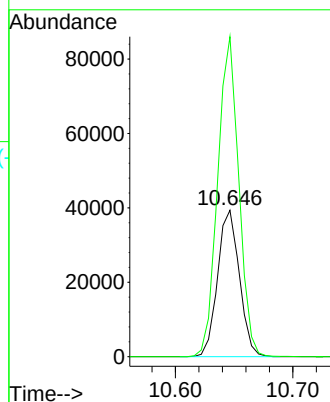
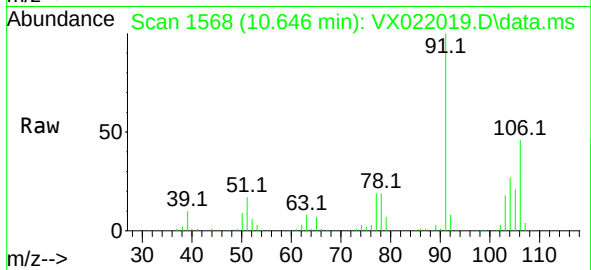




#54
o-xylene
Concen: 5.12 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

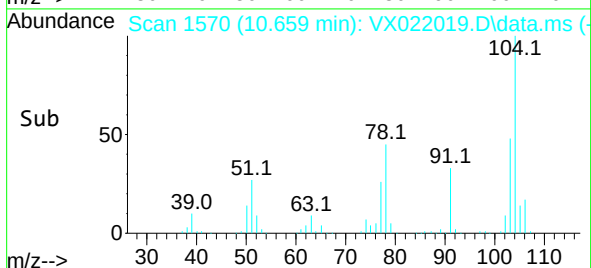
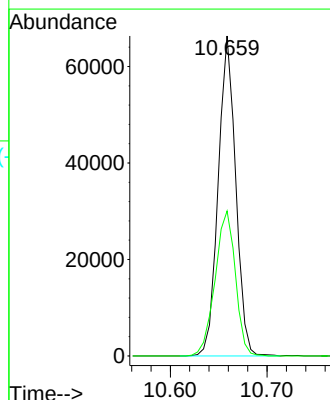
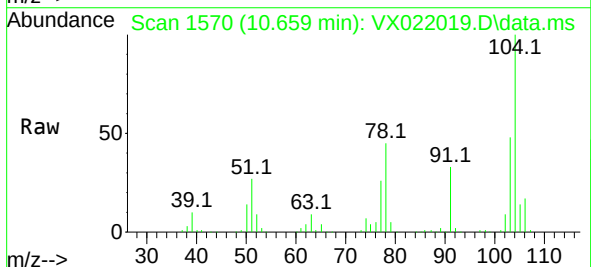
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

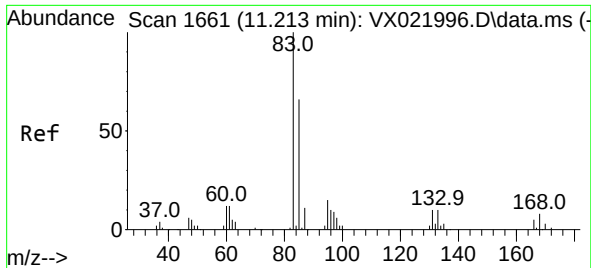
Tgt Ion:106 Resp: 50774
Ion Ratio Lower Upper
106 100
91 218.5 142.0 263.8



#55
Styrene
Concen: 5.01 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:104 Resp: 83302
Ion Ratio Lower Upper
104 100
78 45.3 32.7 60.7

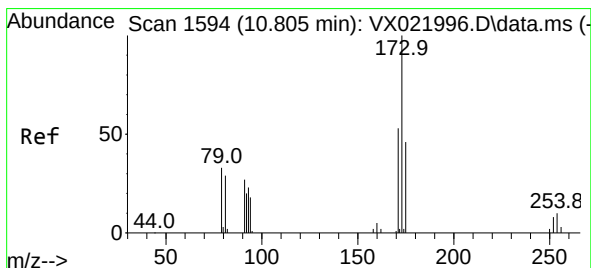
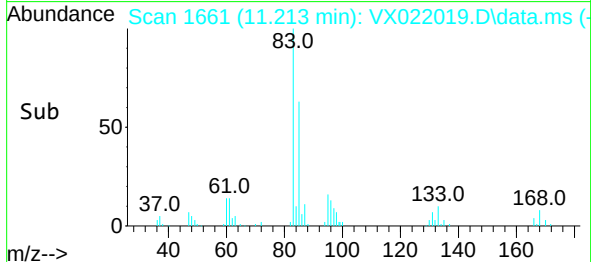
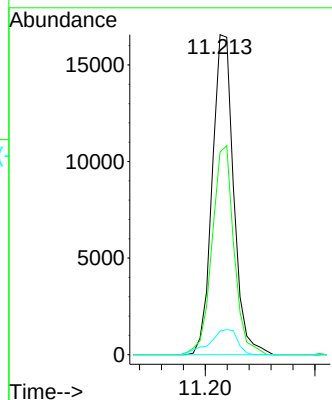
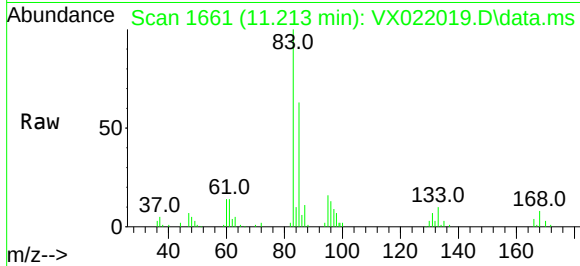




#57
1,1,2,2-Tetrachloroethane
Concen: 5.08 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

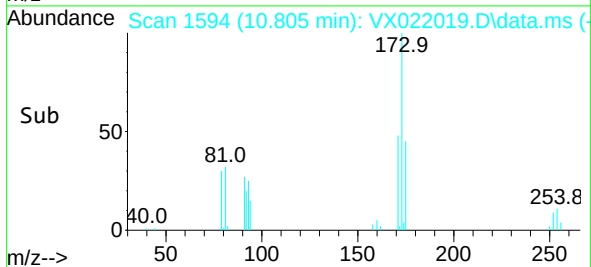
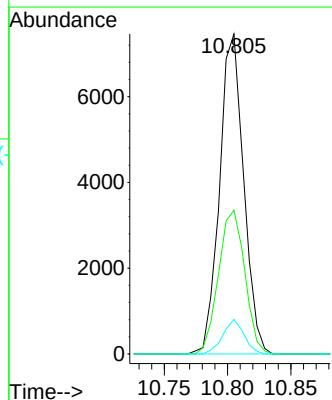
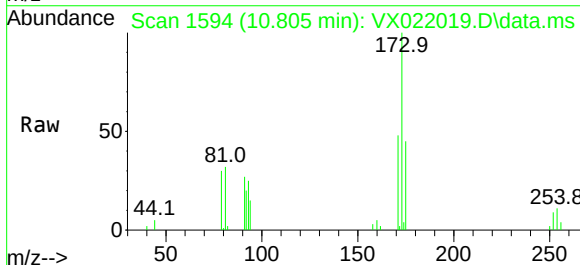
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

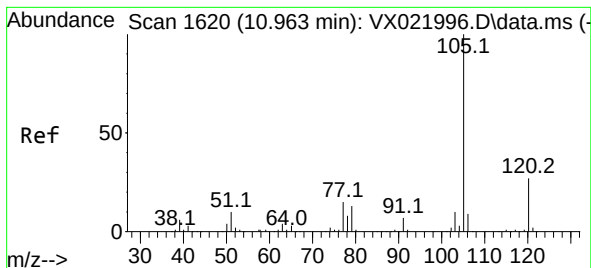
Tgt Ion:	83	Resp:	22464
Ion	Ratio	Lower	Upper
83	100		
85	63.4	44.1	81.9
131	7.4	7.1	10.7



#59
Bromoform
Concen: 4.80 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:	173	Resp:	9869
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.9	58.3
254	9.5	7.4	11.0





#60

Isopropylbenzene

Concen: 5.24 ug/L

RT: 10.963 min Scan# 1620

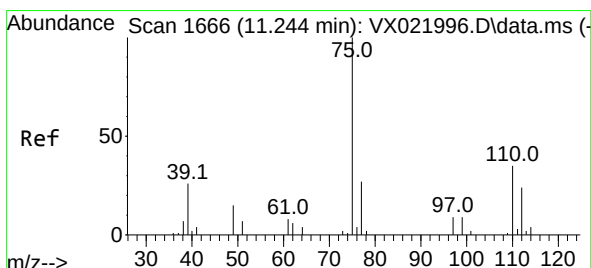
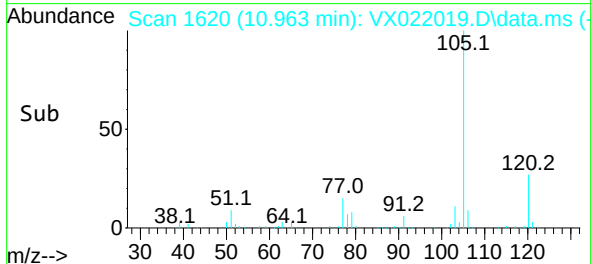
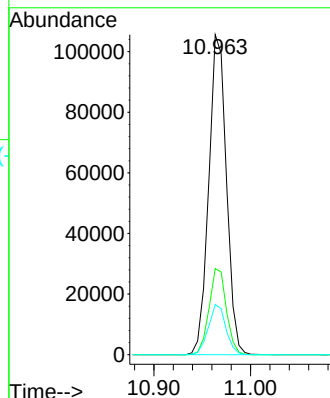
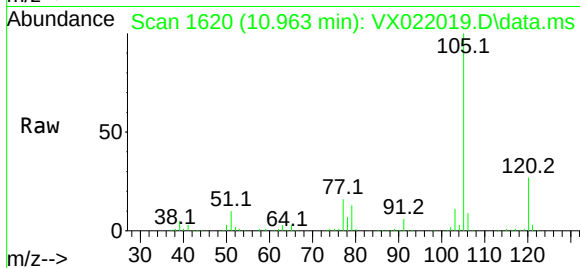
Delta R.T. 0.000 min

Lab File: VX022019.D

Acq: 15 May 2021 00:56

Tgt Ion:	105	Resp:	134265
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.0	31.6
77	15.6	12.4	18.6

Instrument :
MSVOA_X
ClientSampleId :
VSTD005314



#61

1,2,3-Trichloropropane

Concen: 5.38 ug/L

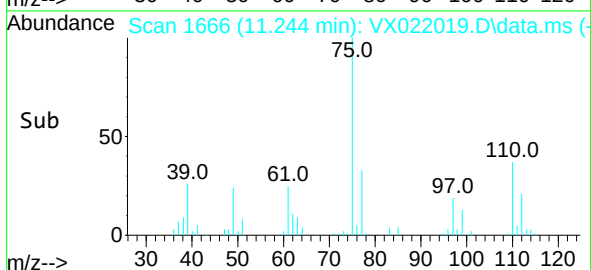
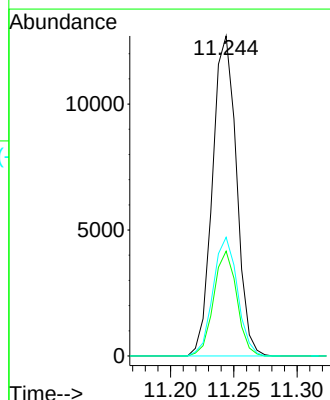
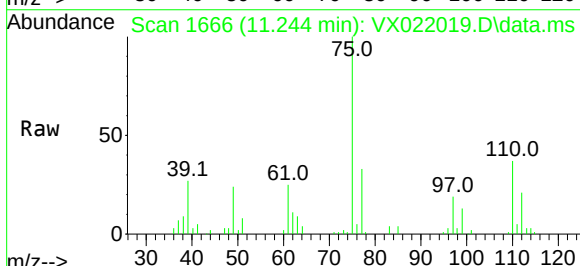
RT: 11.244 min Scan# 1666

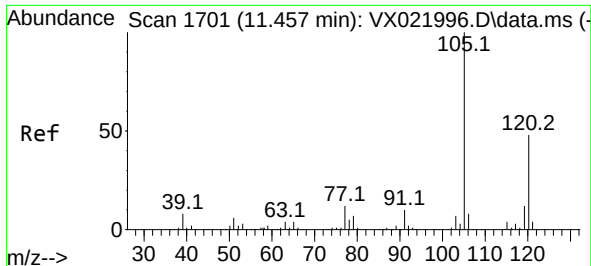
Delta R.T. 0.000 min

Lab File: VX022019.D

Acq: 15 May 2021 00:56

Tgt Ion:	75	Resp:	16723
Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	37.0
110	37.8	32.3	48.5

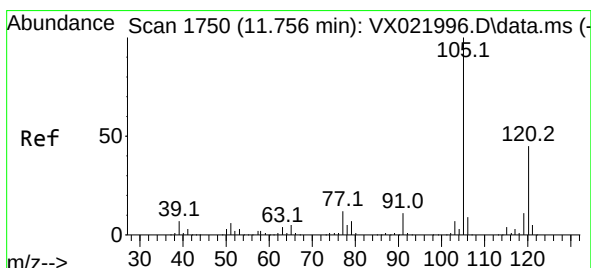
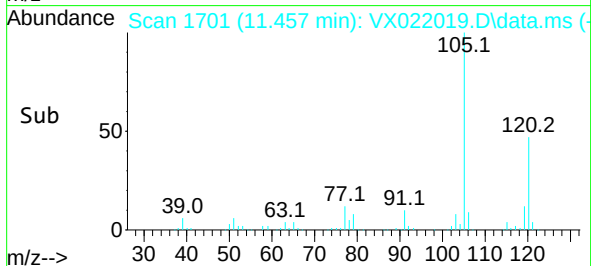
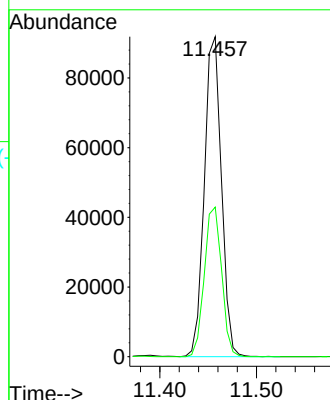
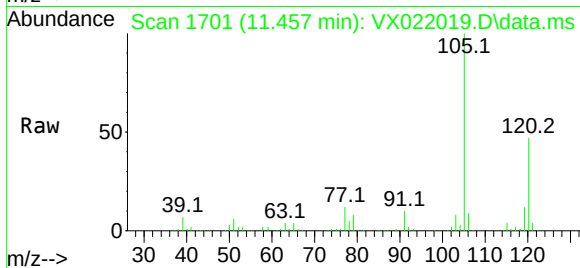




#62
1,3,5-Trimethylbenzene
Concen: 5.26 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

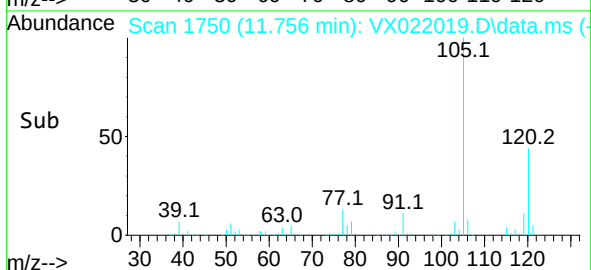
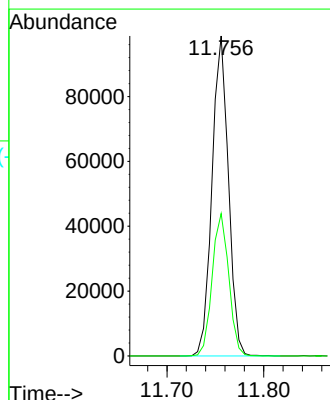
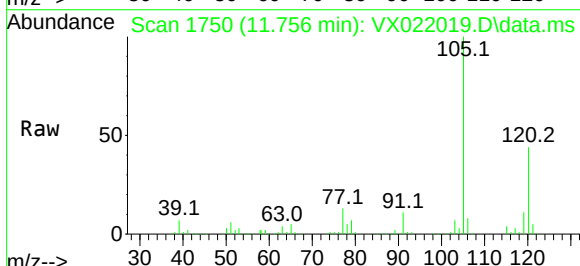
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

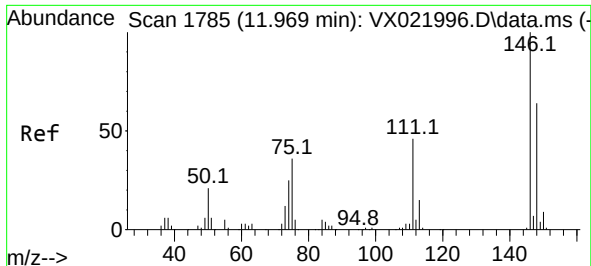
Tgt Ion:105 Resp: 113047
Ion Ratio Lower Upper
105 100
120 47.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 5.25 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:105 Resp: 116161
Ion Ratio Lower Upper
105 100
120 45.0 36.4 54.6

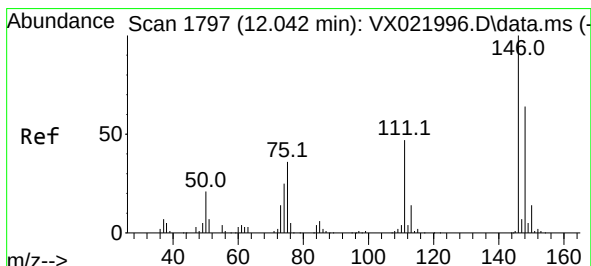
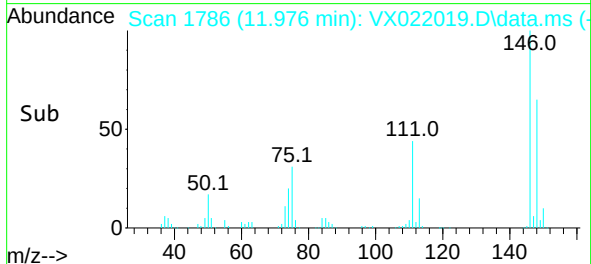
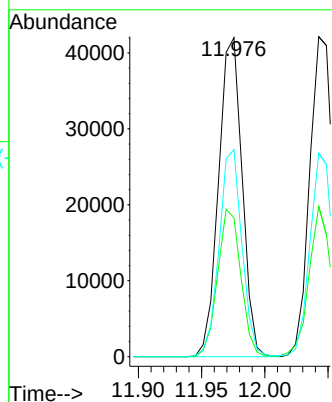
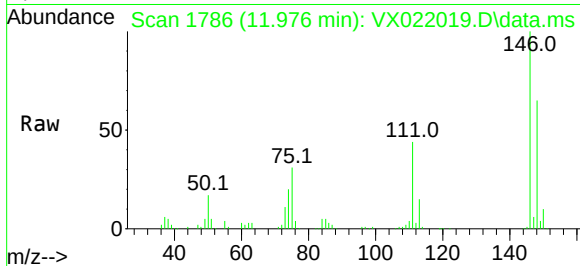




#64
1,3-Dichlorobenzene
Concen: 5.17 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

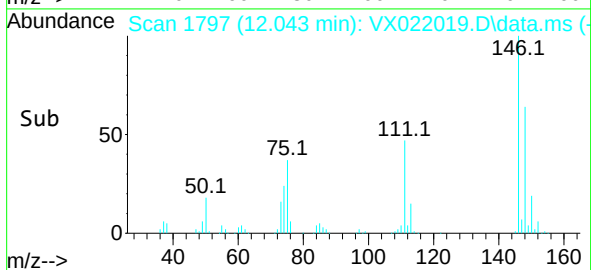
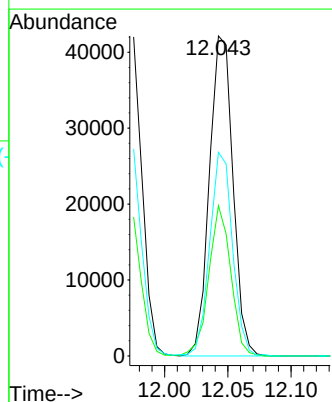
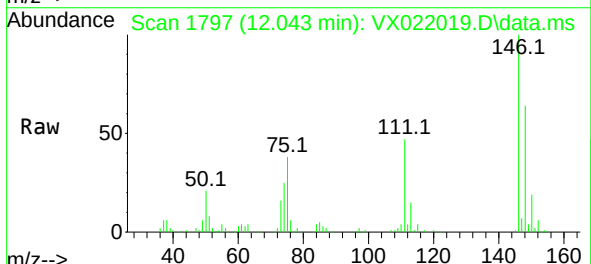
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

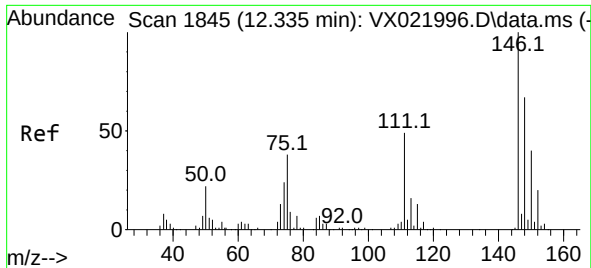
Tgt Ion:146 Resp: 54367
Ion Ratio Lower Upper
146 100
111 43.5 30.8 57.2
148 64.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.22 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:146 Resp: 54542
Ion Ratio Lower Upper
146 100
111 47.0 30.4 56.5
148 63.7 43.2 80.2

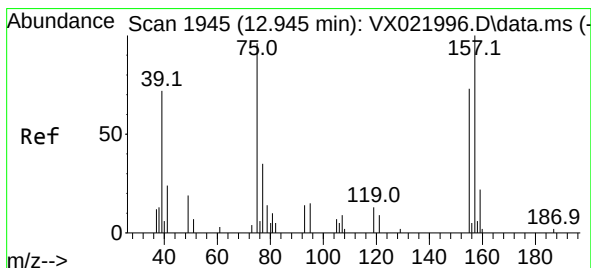
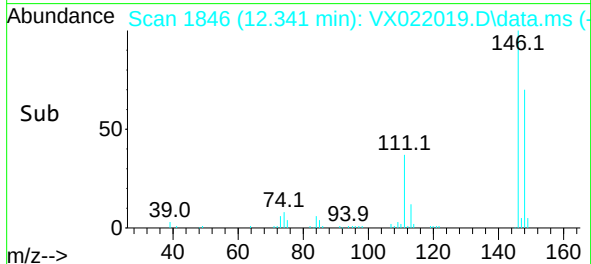
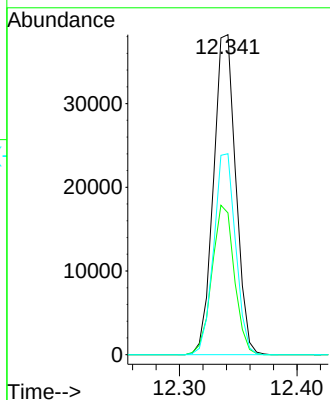
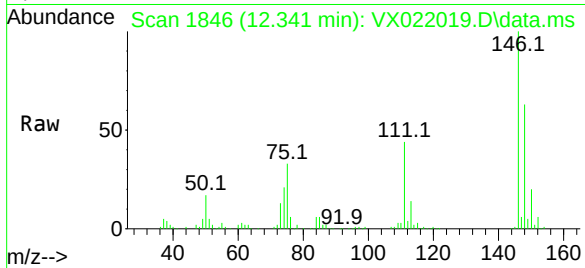




#67
1,2-Dichlorobenzene
Concen: 5.24 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

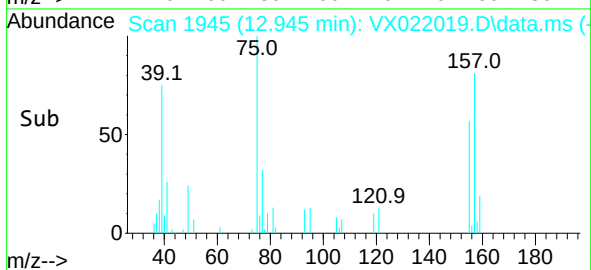
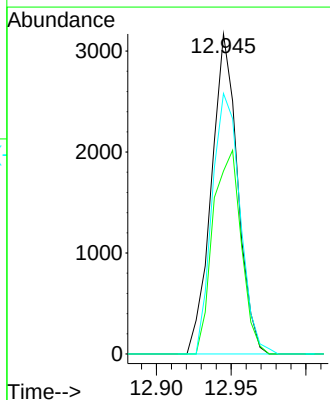
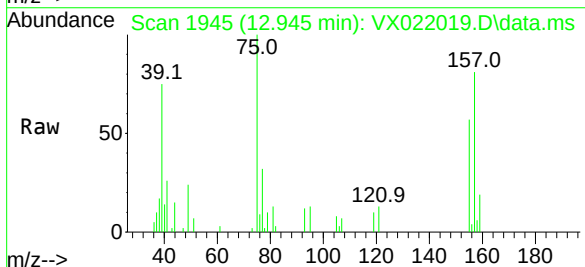
Instrument :
MSVOA_X
ClientSampled :
VSTD005314

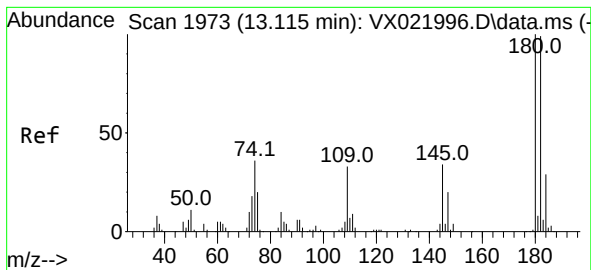
Tgt Ion:146 Resp: 50453
Ion Ratio Lower Upper
146 100
111 44.3 36.2 54.2
148 62.8 49.6 74.4



#68
1,2-Dibromo-3-chloropropane
Concen: 5.19 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion: 75 Resp: 3869
Ion Ratio Lower Upper
75 100
155 57.2 58.5 87.7#
157 81.4 68.6 103.0

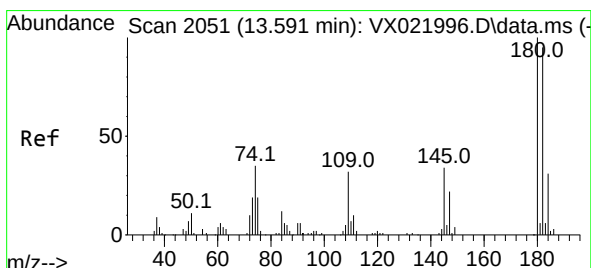
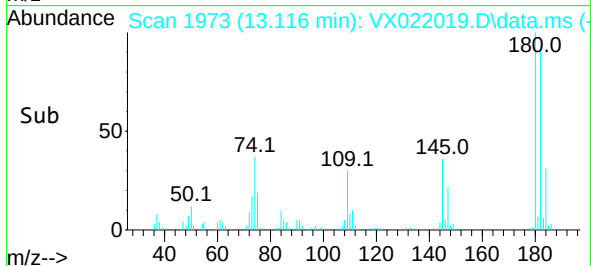
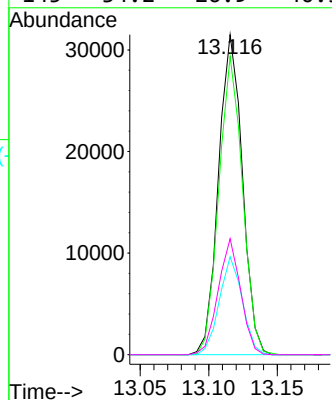
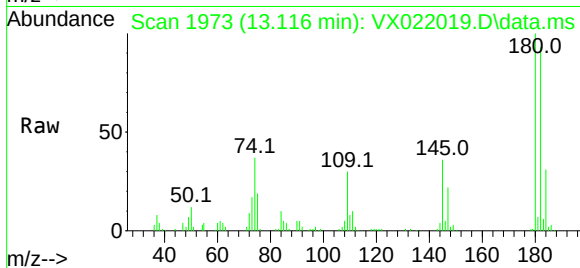




#69
1,3,5-Trichlorobenzene
Concen: 5.08 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

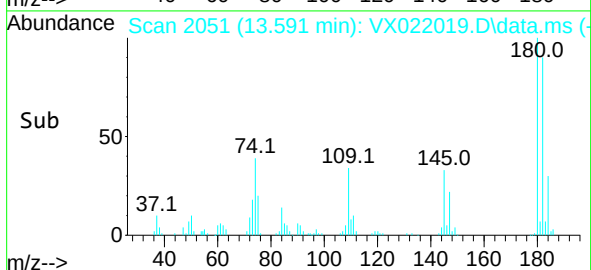
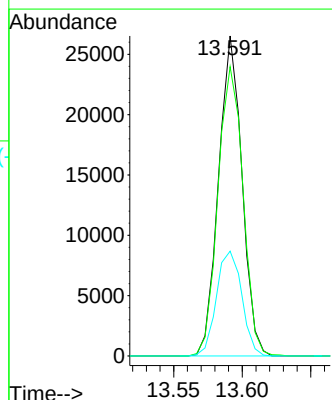
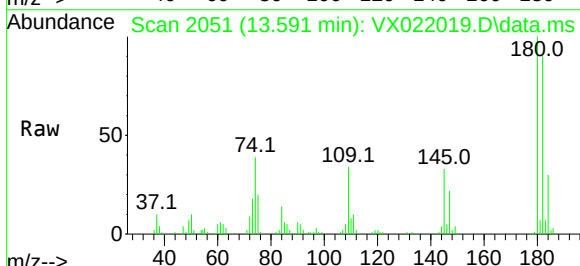
Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

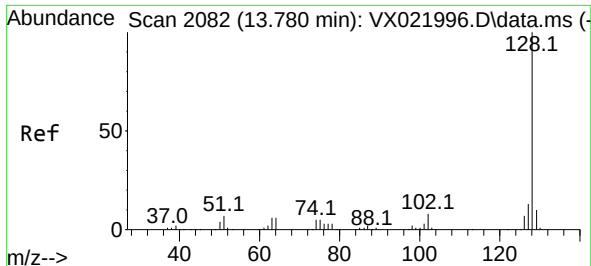
Tgt Ion:180 Resp: 38046
Ion Ratio Lower Upper
180 100
182 92.3 73.6 110.4
184 29.5 23.6 35.4
145 34.2 26.9 40.3



#70
1,2,4-trichlorobenzene
Concen: 4.95 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:180 Resp: 31506
Ion Ratio Lower Upper
180 100
182 96.4 79.0 118.4
145 35.4 28.2 42.2

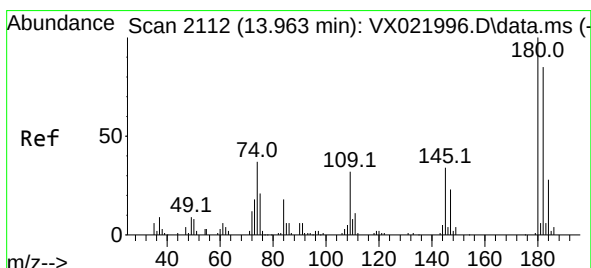
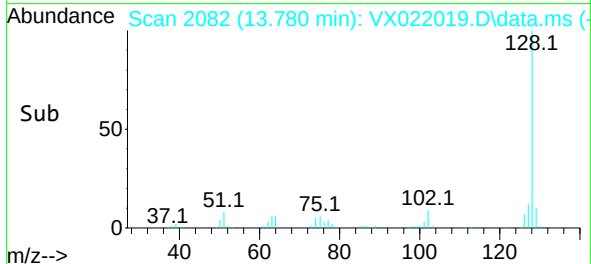
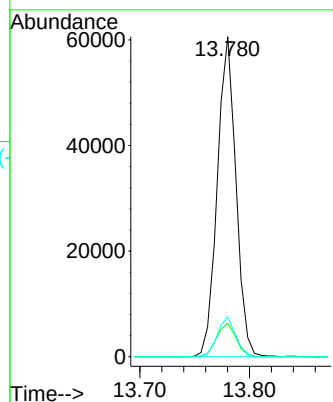
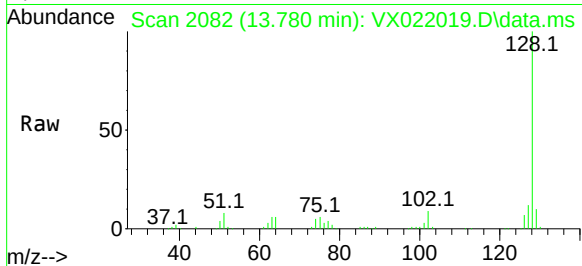




#71
Naphthalene
Concen: 5.22 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Instrument :
MSVOA_X
ClientSampleId :
VSTD005314

Tgt Ion:128 Resp: 71680
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.2 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.00 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX022019.D
Acq: 15 May 2021 00:56

Tgt Ion:180 Resp: 28061
Ion Ratio Lower Upper
180 100
182 94.8 75.3 112.9
145 35.9 30.3 45.5

