

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077646.D
 Acq On : 09 May 2023 20:57
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 10 04:52:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	662033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1229391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1057062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	464025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	413032	49.193	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	8.172	113	383340	49.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.000%
50) Toluene-d8	10.566	98	1469130	50.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.848	95	498736	50.796	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	333271	45.035	ug/l	99
3) Chloromethane	2.372	50	255999	38.377	ug/l	95
4) Vinyl Chloride	2.519	62	392766	44.491	ug/l	96
5) Bromomethane	2.949	94	308161	43.966	ug/l	97
6) Chloroethane	3.125	64	265437	43.362	ug/l	98
7) Trichlorofluoromethane	3.502	101	525094	37.946	ug/l	97
8) Diethyl Ether	3.972	74	185256	45.537	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.384	101	303218	43.852	ug/l	97
10) Methyl Iodide	4.596	142	459426	45.214	ug/l	98
11) Tert butyl alcohol	5.537	59	197748	200.212	ug/l	98
12) 1,1-Dichloroethene	4.349	96	290313	44.185	ug/l	98
13) Acrolein	4.190	56	203604	212.694	ug/l	96
14) Allyl chloride	5.031	41	268161	41.093	ug/l #	85
15) Acrylonitrile	5.725	53	527499	215.921	ug/l	98
16) Acetone	4.431	43	383398	192.292	ug/l	100
17) Carbon Disulfide	4.725	76	684453	43.320	ug/l #	93
18) Methyl Acetate	5.037	43	330239	41.784	ug/l	95
19) Methyl tert-butyl Ether	5.807	73	932224	43.119	ug/l	92
20) Methylene Chloride	5.278	84	324554	39.280	ug/l	94
21) trans-1,2-Dichloroethene	5.796	96	314093	42.264	ug/l	92
22) Diisopropyl ether	6.684	45	701963	43.575	ug/l	95
23) Vinyl Acetate	6.607	43	1946184	217.989	ug/l	100
24) 1,1-Dichloroethane	6.578	63	529504	43.359	ug/l	99
25) 2-Butanone	7.484	43	610662	209.547	ug/l	100
26) 2,2-Dichloropropane	7.495	77	462715	41.808	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	401818	44.448	ug/l	94
28) Bromochloromethane	7.819	49	210265	47.187	ug/l	82
29) Tetrahydrofuran	7.842	42	390390	218.081	ug/l	93
30) Chloroform	7.972	83	648017	44.774	ug/l	94
31) Cyclohexane	8.260	56	444708	41.445	ug/l	89
32) 1,1,1-Trichloroethane	8.172	97	621048	46.604	ug/l	97
36) 1,1-Dichloropropene	8.378	75	467144	44.148	ug/l	98
37) Ethyl Acetate	7.560	43	256917	42.463	ug/l	97
38) Carbon Tetrachloride	8.366	117	532130	46.033	ug/l	97
39) Methylcyclohexane	9.607	83	609827	46.427	ug/l	98
40) Benzene	8.613	78	1432417	44.748	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	128056	38.738	ug/l #	86
42) 1,2-Dichloroethane	8.678	62	479022	44.626	ug/l	98
43) Isopropyl Acetate	8.695	43	506618	47.758	ug/l	96
44) Trichloroethene	9.360	130	376907	44.823	ug/l	97
45) 1,2-Dichloropropane	9.625	63	318062	43.213	ug/l	95
46) Dibromomethane	9.713	93	262682	45.880	ug/l	94
47) Bromodichloromethane	9.889	83	525243	46.969	ug/l	95
48) Methyl methacrylate	9.684	41	213474	42.876	ug/l	92
49) 1,4-Dioxane	9.695	88	131031	884.923	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1311484	210.146	ug/l	96
52) Toluene	10.636	92	981483	46.098	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	529835	48.628	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	582404	46.983	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	370918	44.930	ug/l	97
56) Ethyl methacrylate	10.878	69	494568	47.505	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	594681	44.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1025260	238.857	ug/l	95
59) 2-Hexanone	11.195	43	938436	212.761	ug/l	95
60) Dibromochloromethane	11.360	129	399945	48.802	ug/l	100
61) 1,2-Dibromoethane	11.472	107	389097	47.941	ug/l	97
64) Tetrachloroethene	11.107	164	300030	47.691	ug/l	98
65) Chlorobenzene	11.895	112	1024839	47.167	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	371699	47.483	ug/l	98
67) Ethyl Benzene	11.966	91	1855925	48.653	ug/l	98
68) m/p-Xylenes	12.072	106	1501523	99.415	ug/l	98
69) o-Xylene	12.401	106	743950	49.142	ug/l	96
70) Styrene	12.413	104	1193779	51.489	ug/l	98
71) Bromoform	12.577	173	246676	51.926	ug/l #	99
73) Isopropylbenzene	12.695	105	1906641	46.060	ug/l	99
74) N-amyl acetate	12.495	43	416243	45.564	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	489857	43.047	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	588634	61.471	ug/l	76
77) Bromobenzene	12.983	156	403485	44.012	ug/l	93
78) n-propylbenzene	13.036	91	2137686	48.109	ug/l	99
79) 2-Chlorotoluene	13.130	91	1279150	45.198	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1598423	50.474	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	138628	46.096	ug/l	99
82) 4-Chlorotoluene	13.224	91	1245576	46.930	ug/l	99
83) tert-Butylbenzene	13.442	119	1362474	45.785	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1565934	52.617	ug/l	100
85) sec-Butylbenzene	13.619	105	1957894	48.876	ug/l	100
86) p-Isopropyltoluene	13.730	119	1587480	50.678	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	755601	47.419	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	753648	47.577	ug/l	99
89) n-Butylbenzene	14.060	91	1257807	50.671	ug/l	99
90) Hexachloroethane	14.336	117	292458	48.683	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	728752	46.000	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	88986	44.187	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	277362	41.810	ug/l	98
94) Hexachlorobutadiene	15.507	225	154894	45.762	ug/l	98
95) Naphthalene	15.642	128	976109	42.470	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	254254	41.212	ug/l	96

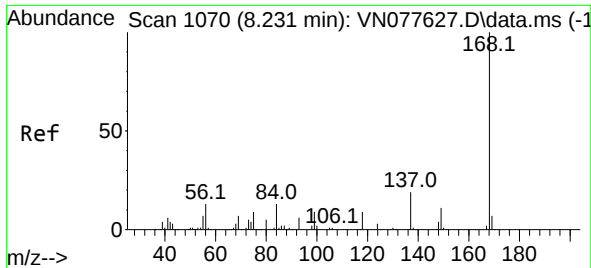
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QLast Update : Tue May 09 13:52:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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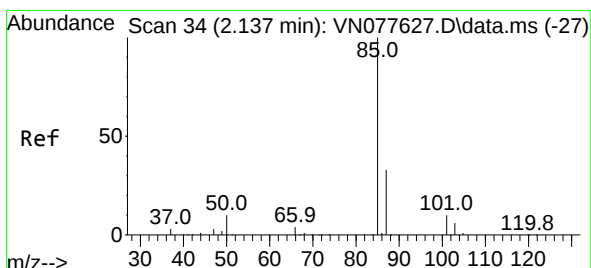
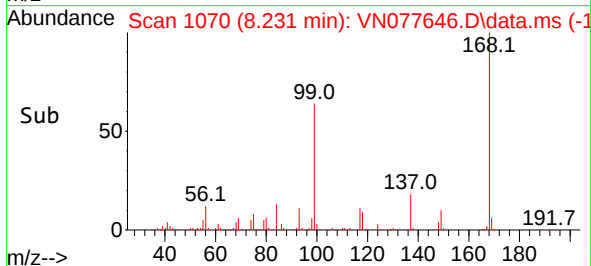
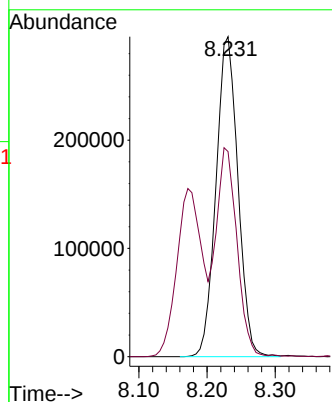
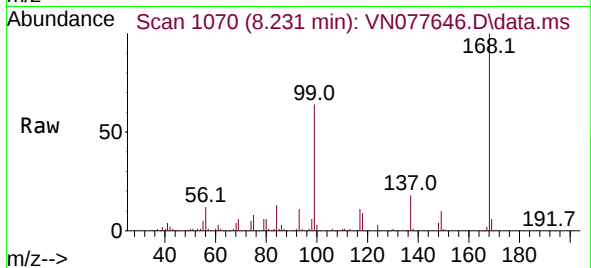
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

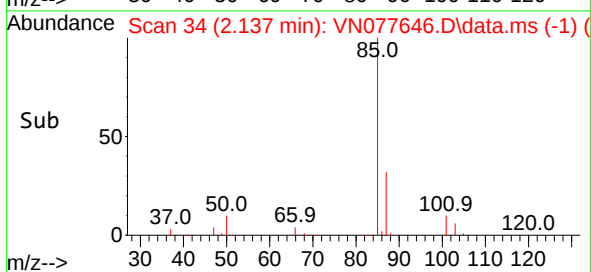
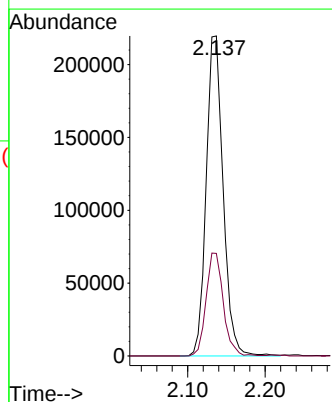
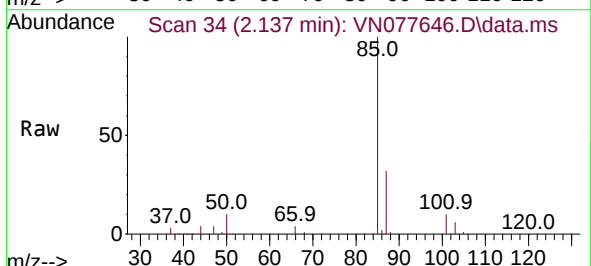
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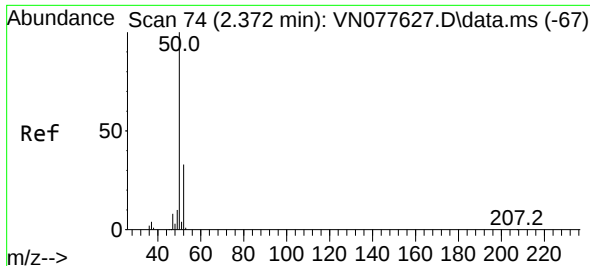
Tgt Ion:168 Resp: 662033
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 45.035 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 85 Resp: 333271
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

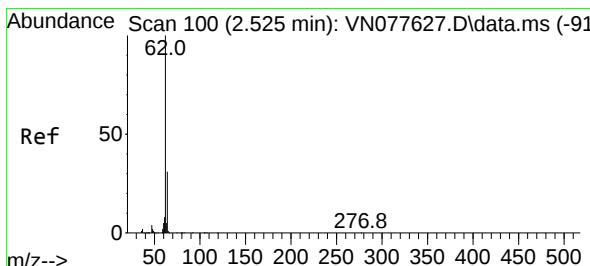
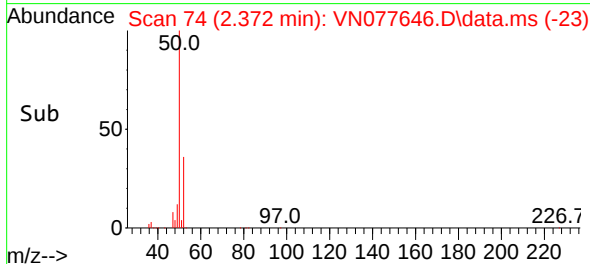
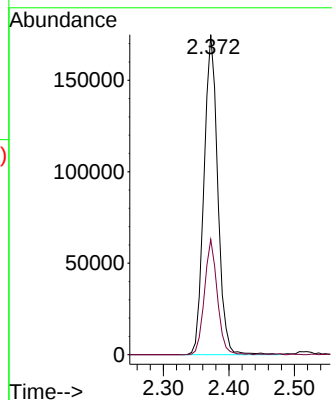
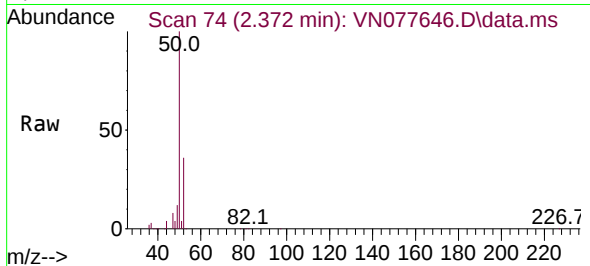




#3
Chloromethane
Concen: 38.377 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

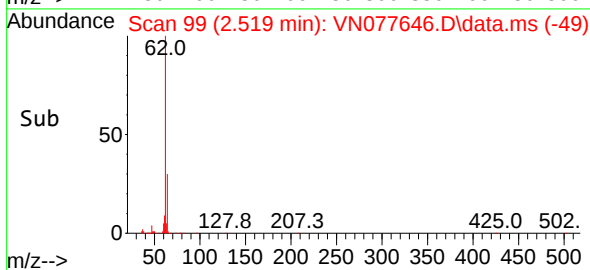
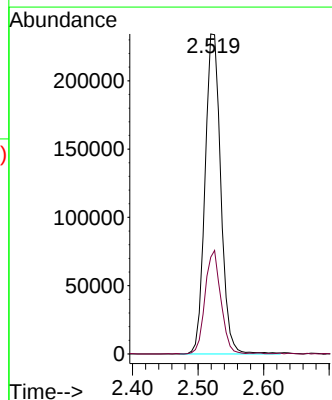
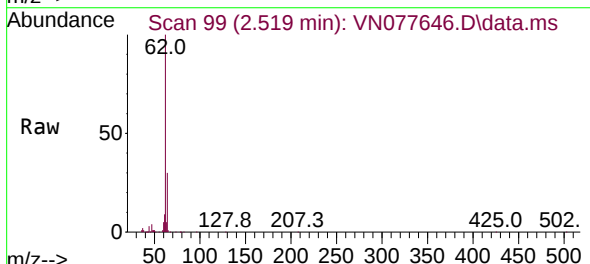
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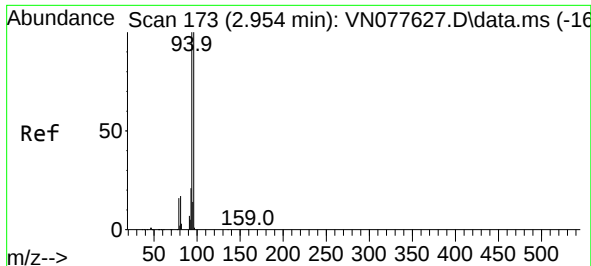
Tgt Ion: 50 Resp: 255999
Ion Ratio Lower Upper
50 100
52 36.0 26.5 39.7



#4
Vinyl Chloride
Concen: 44.491 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 62 Resp: 392766
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2

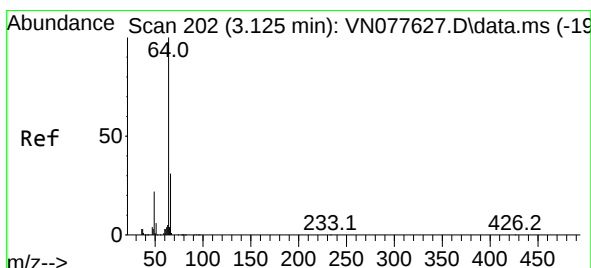
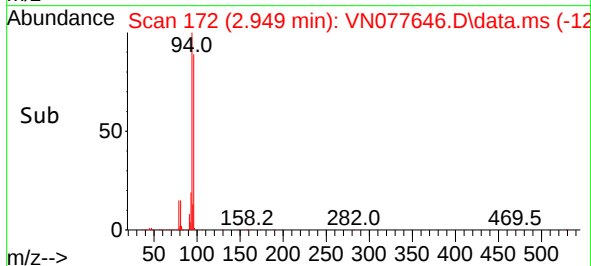
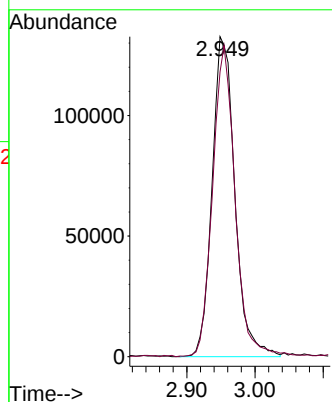
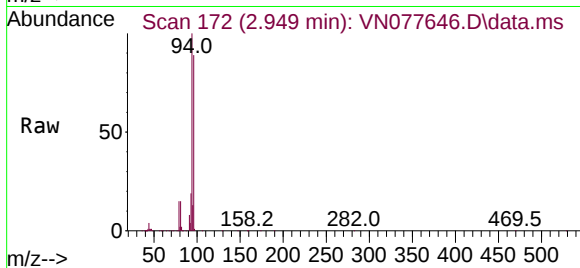




#5
Bromomethane
Concen: 43.966 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

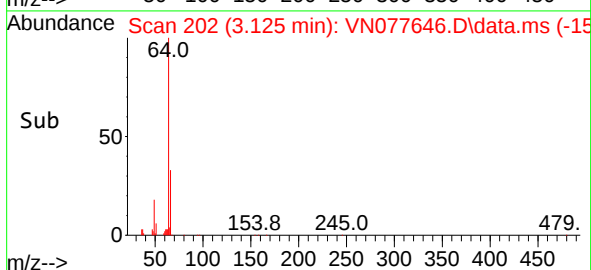
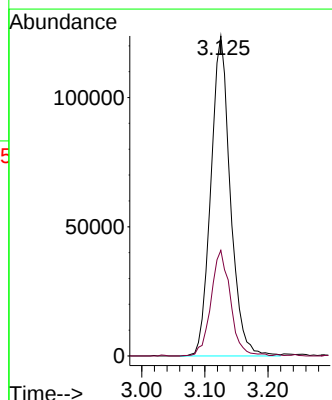
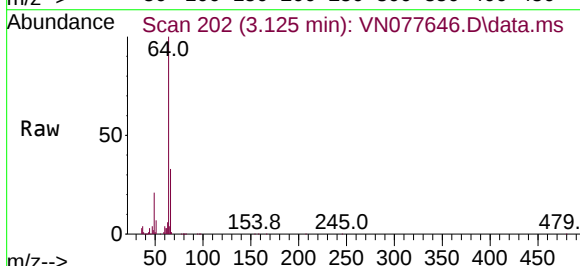
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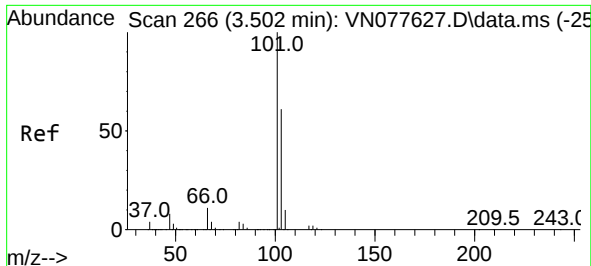
Tgt Ion: 94 Resp: 308161
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7



#6
Chloroethane
Concen: 43.362 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 64 Resp: 265437
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2

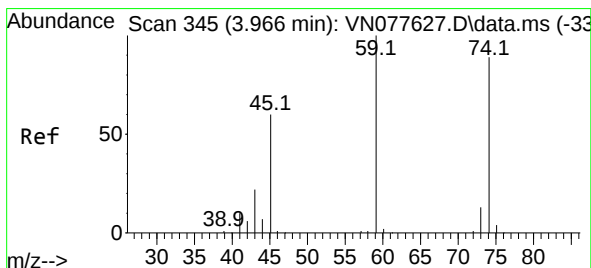
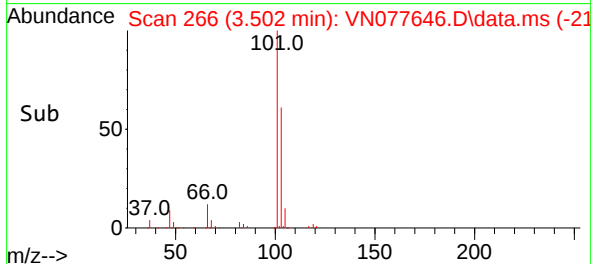
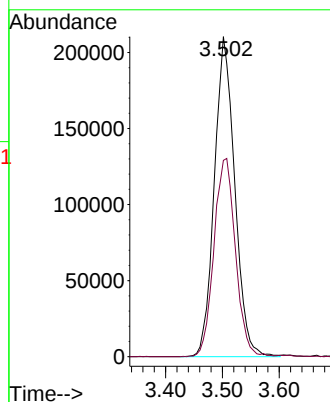
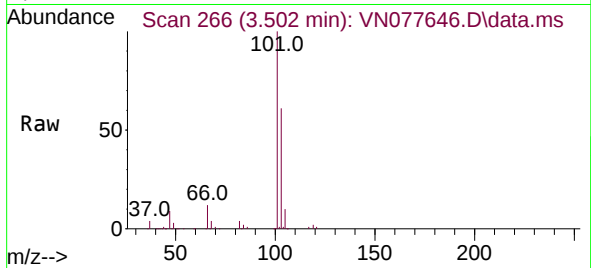




#7
 Trichlorofluoromethane
 Concen: 37.946 ug/l
 RT: 3.502 min Scan# 266
 Delta R.T. -0.000 min
 Lab File: VN077646.D
 Acq: 09 May 2023 20:57

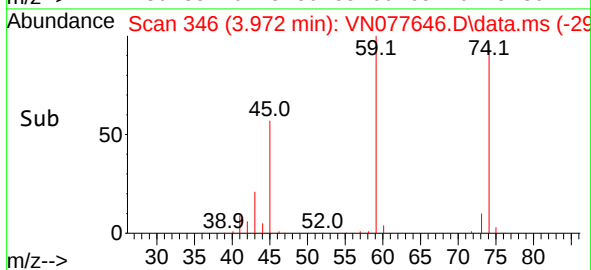
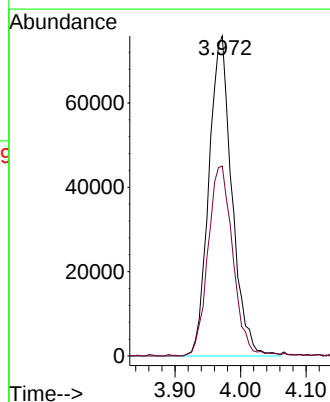
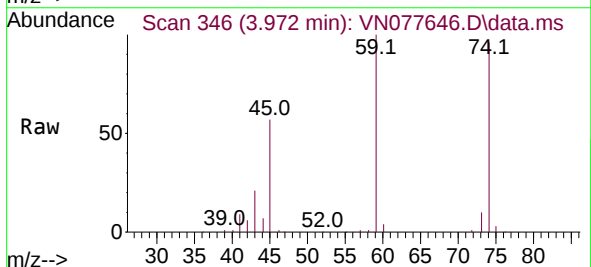
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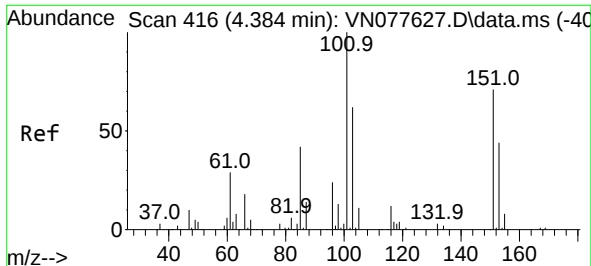
Tgt Ion:101 Resp: 525094
 Ion Ratio Lower Upper
 101 100
 103 61.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 45.537 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077646.D
 Acq: 09 May 2023 20:57

Tgt Ion: 74 Resp: 185256
 Ion Ratio Lower Upper
 74 100
 45 63.9 34.4 103.3

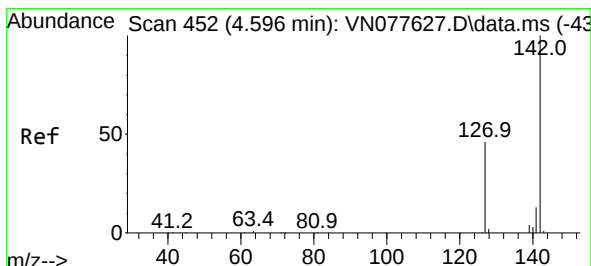
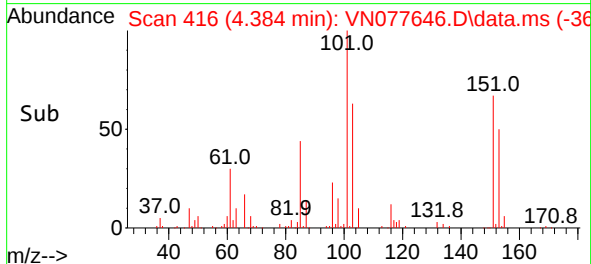
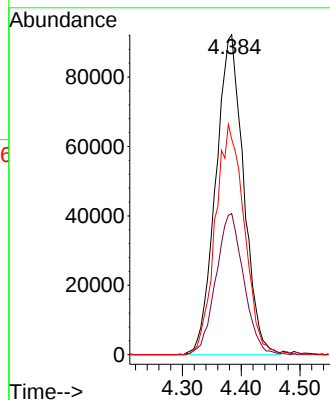
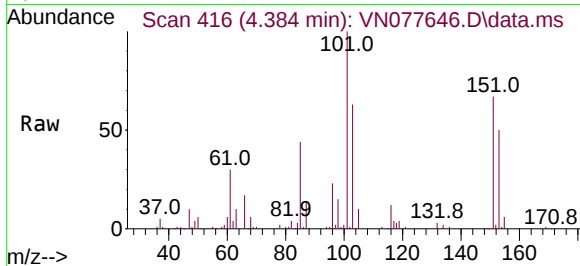




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.852 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

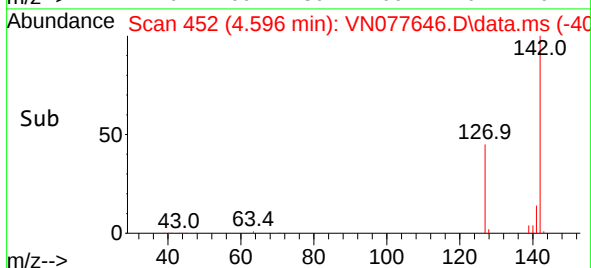
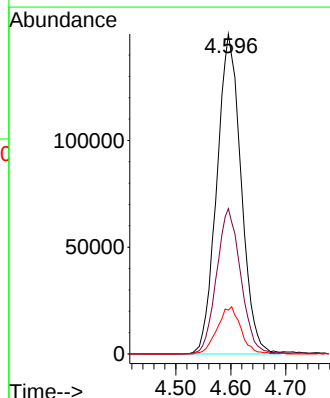
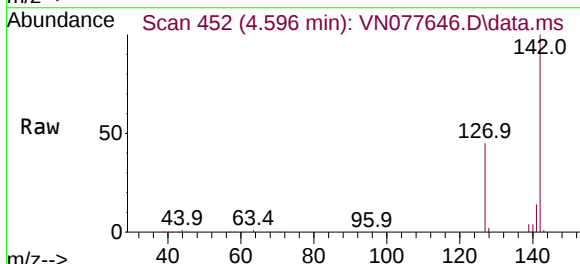
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

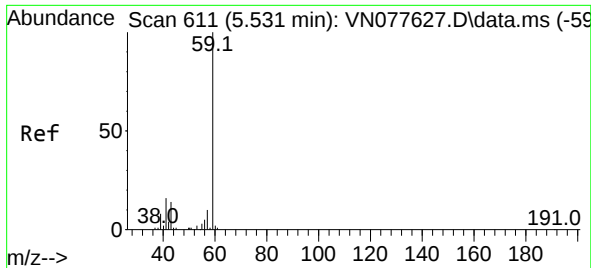
Tgt Ion:101 Resp: 303218
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 74.9 57.6 86.4



#10
Methyl Iodide
Concen: 45.214 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:142 Resp: 459426
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 13.7 11.4 17.0

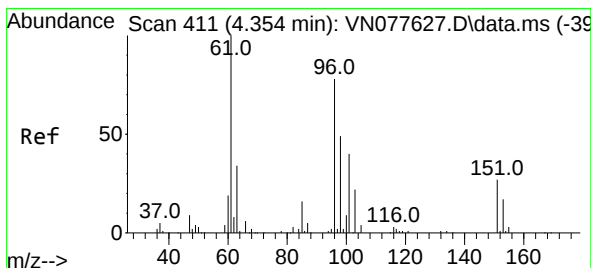
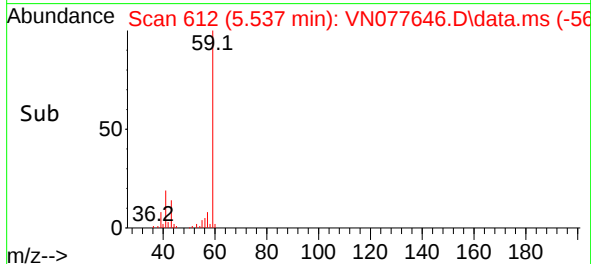
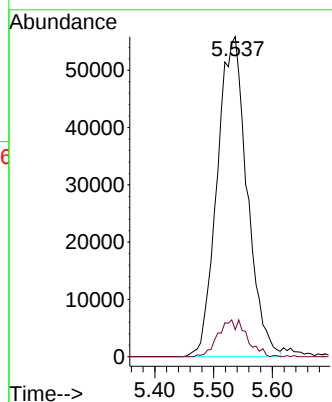
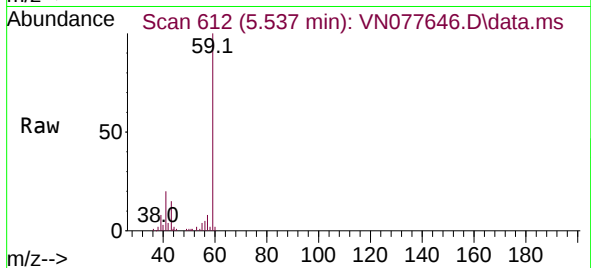




#11
Tert butyl alcohol
Concen: 200.212 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

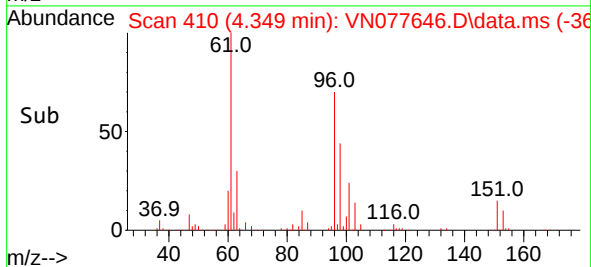
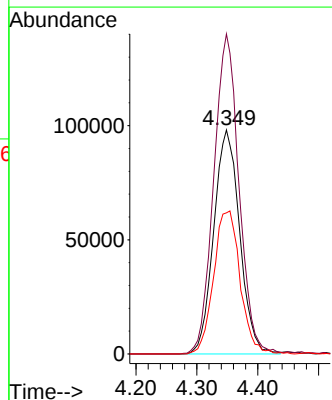
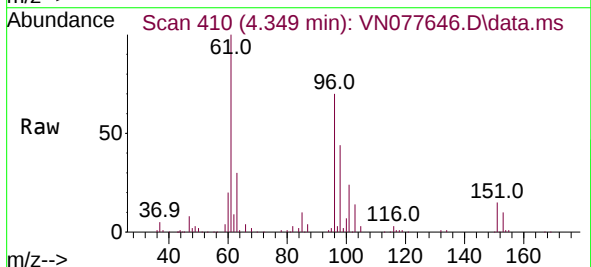
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

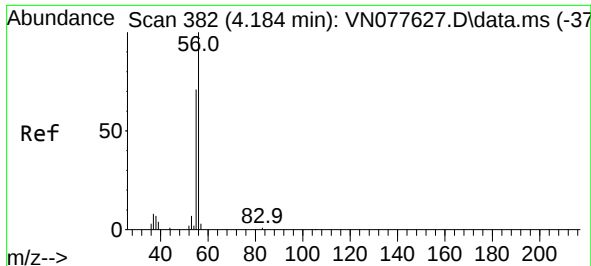
Tgt Ion: 59 Resp: 197748
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.185 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.005 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 96 Resp: 290313
Ion Ratio Lower Upper
96 100
61 142.8 112.7 169.1
98 63.0 51.2 76.8

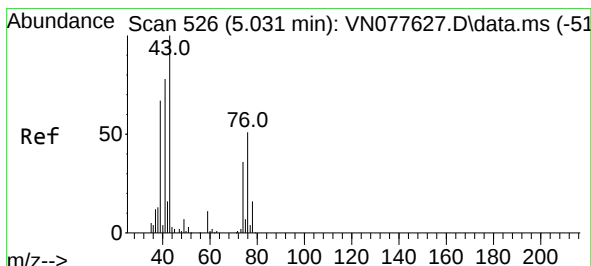
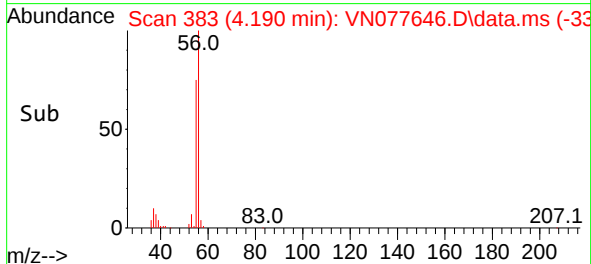
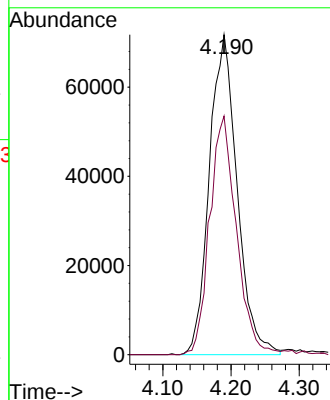
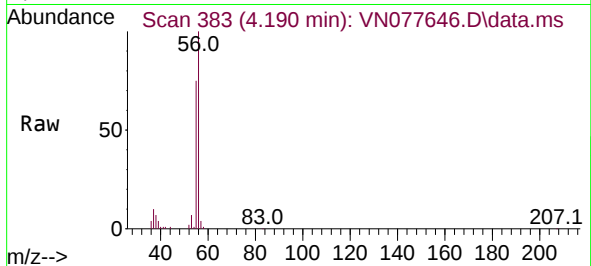




#13
Acrolein
Concen: 212.694 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

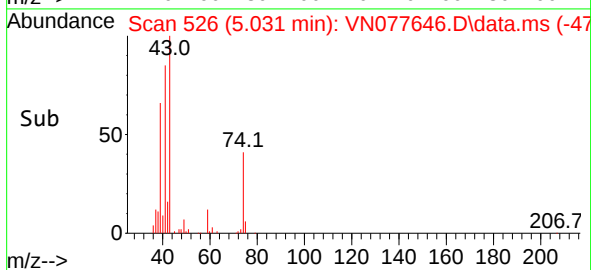
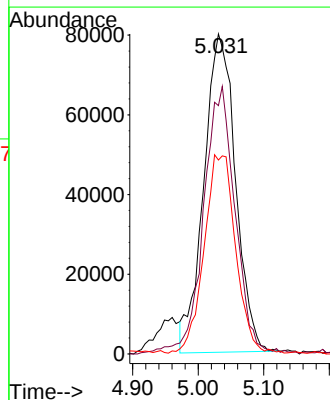
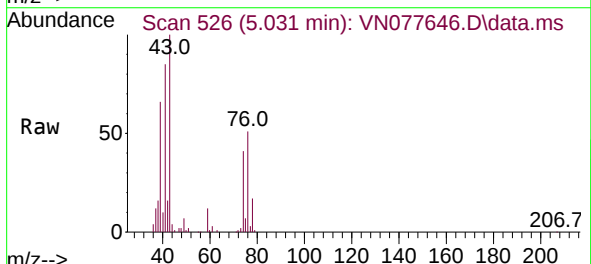
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

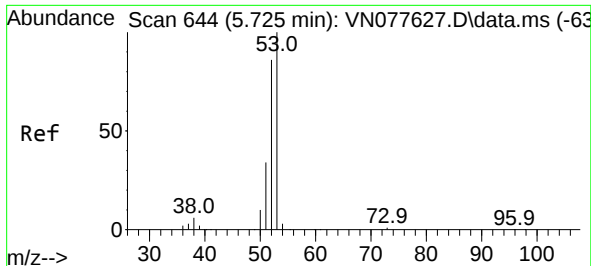
Tgt Ion: 56 Resp: 203604
Ion Ratio Lower Upper
56 100
55 71.5 54.5 81.7



#14
Allyl chloride
Concen: 41.093 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

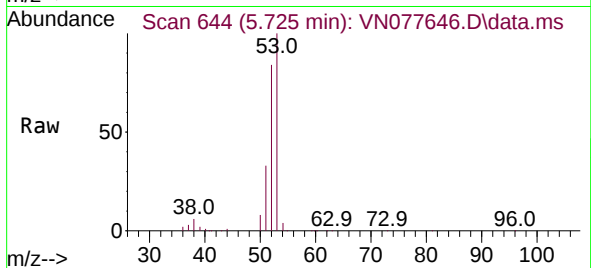
Tgt Ion: 41 Resp: 268161
Ion Ratio Lower Upper
41 100
39 83.4 58.8 88.2
76 62.0 39.1 58.7#



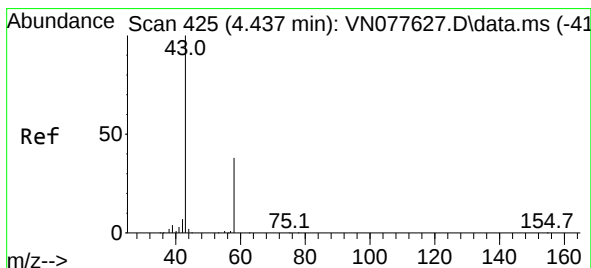
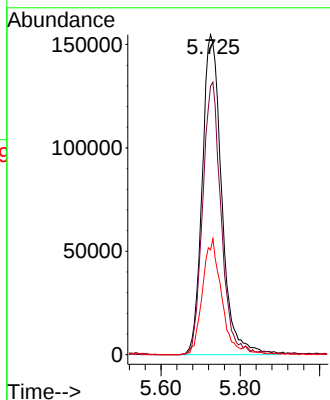
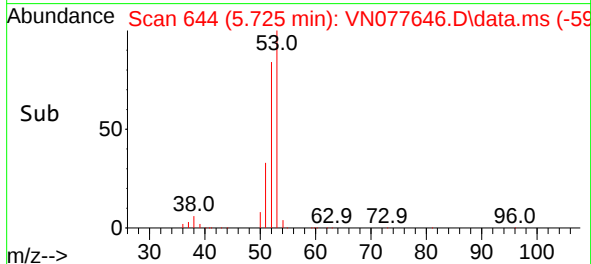


#15
Acrylonitrile
Concen: 215.921 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

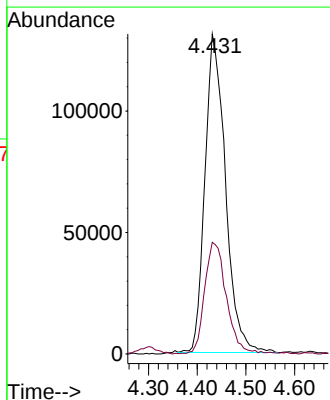
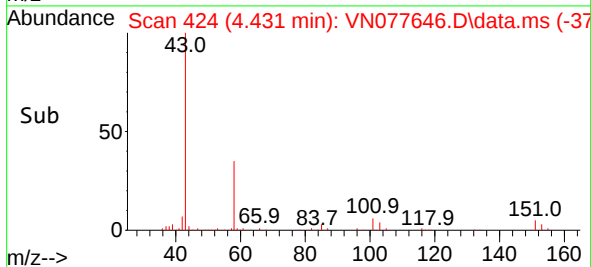
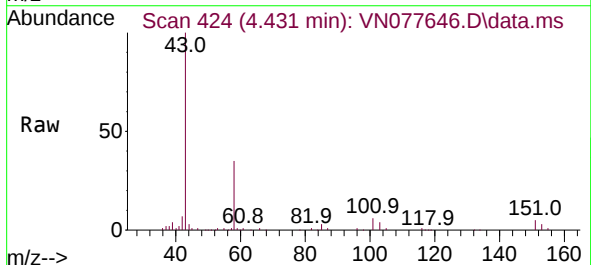


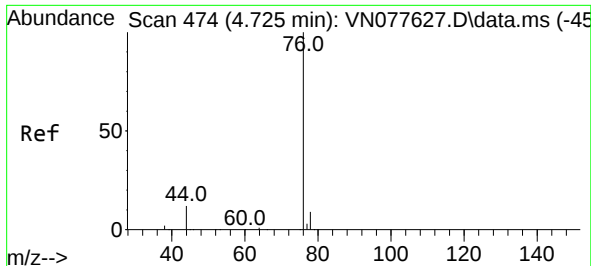
Tgt Ion: 53 Resp: 527499
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 34.7 28.9 43.3



#16
Acetone
Concen: 192.292 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 43 Resp: 383398
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0

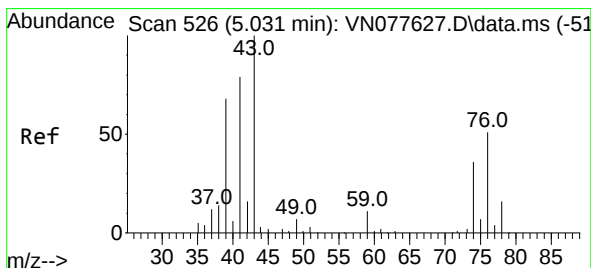
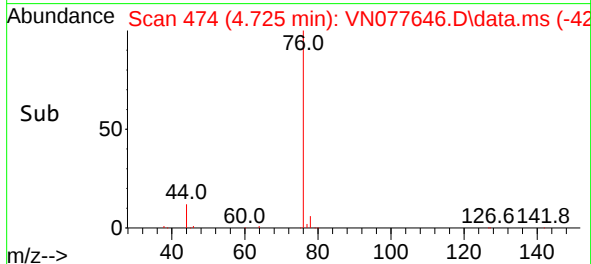
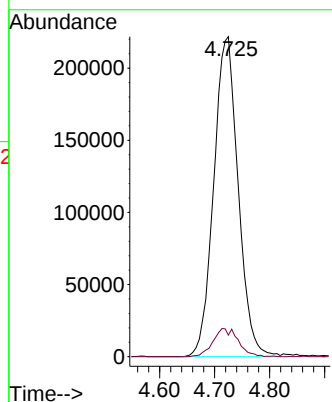
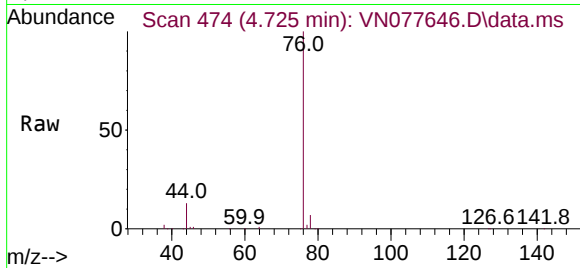




#17
Carbon Disulfide
Concen: 43.320 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

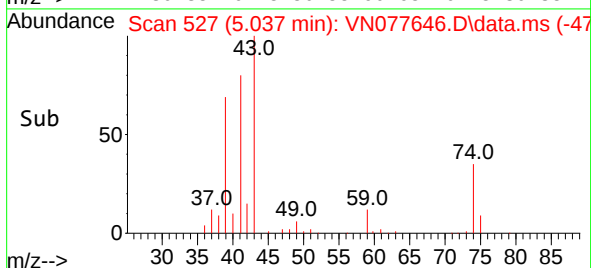
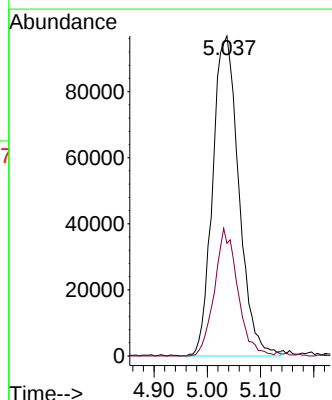
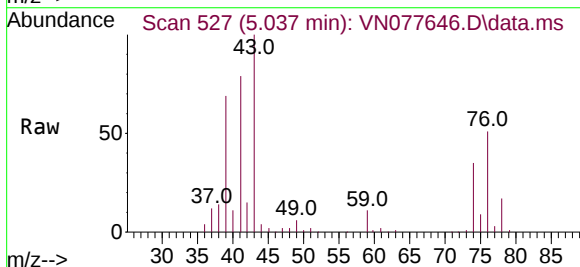
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

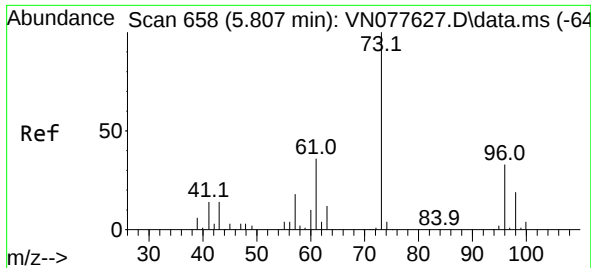
Tgt Ion: 76 Resp: 684453
Ion Ratio Lower Upper
76 100
78 6.7 7.4 11.0#



#18
Methyl Acetate
Concen: 41.784 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 43 Resp: 330239
Ion Ratio Lower Upper
43 100
74 35.4 26.2 39.4

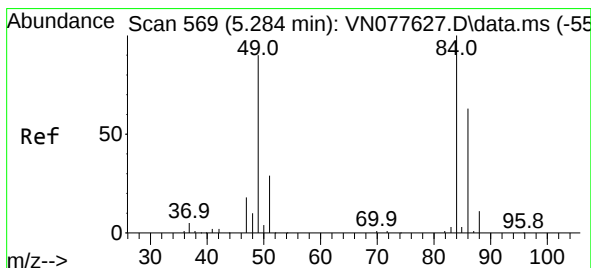
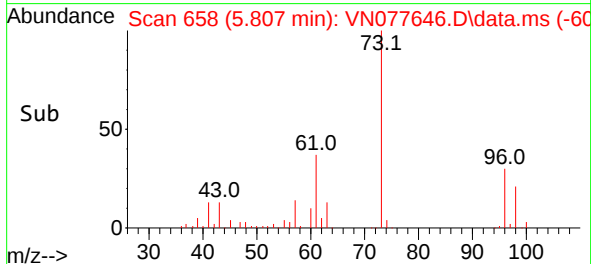
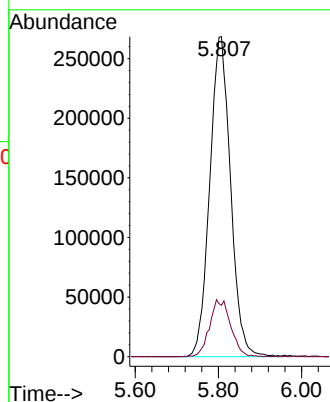
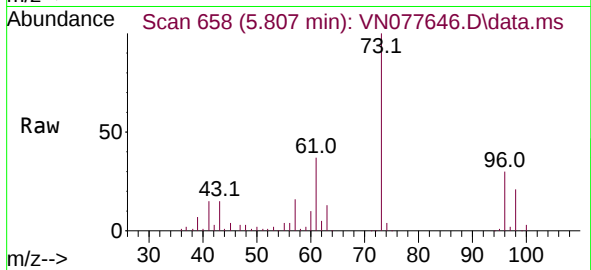




#19
Methyl tert-butyl Ether
Concen: 43.119 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

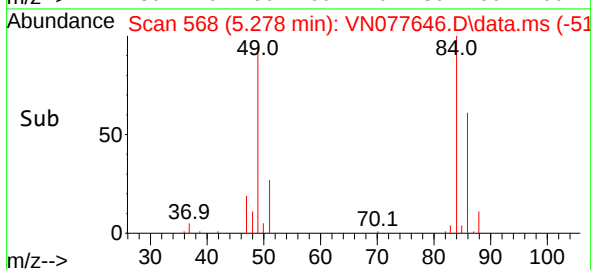
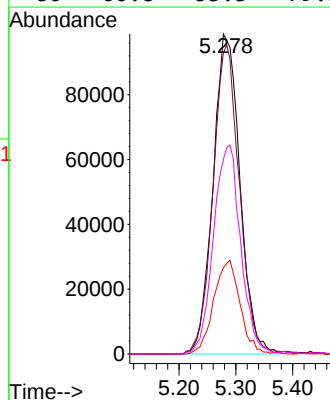
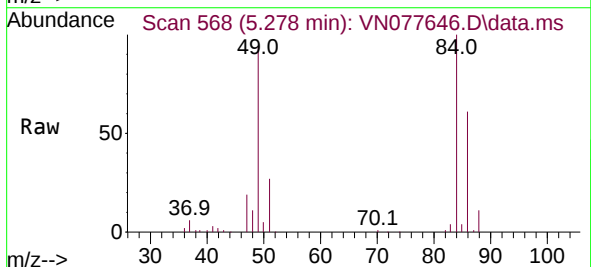
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

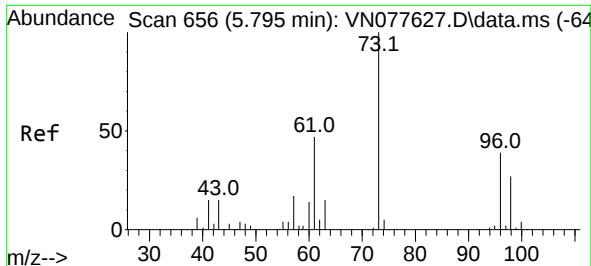
Tgt Ion: 73 Resp: 932224
Ion Ratio Lower Upper
73 100
57 16.0 15.6 23.4



#20
Methylene Chloride
Concen: 39.280 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 84 Resp: 324554
Ion Ratio Lower Upper
84 100
49 94.2 79.7 119.5
51 27.0 25.2 37.8
86 60.8 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 42.264 ug/l

RT: 5.796 min Scan# 61

Delta R.T. 0.001 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

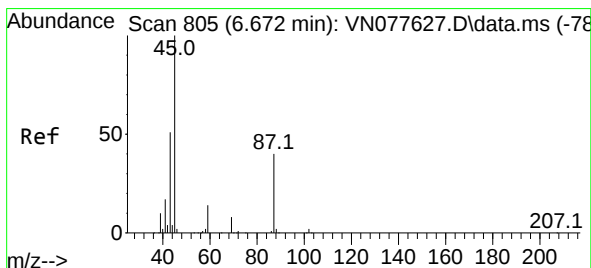
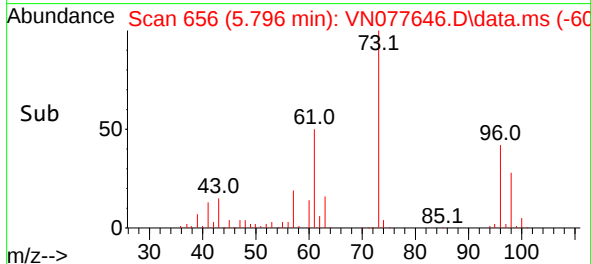
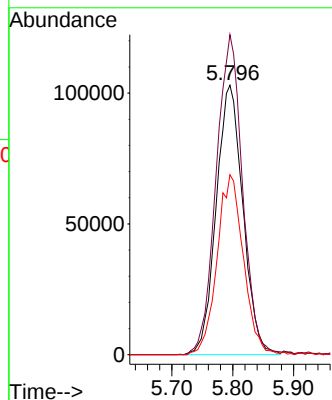
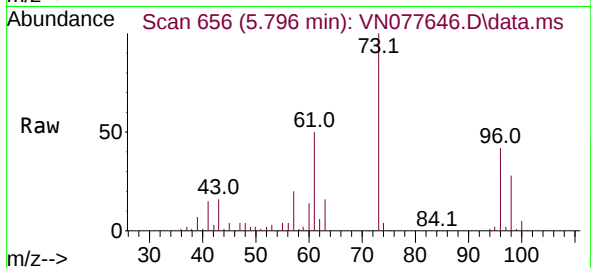
Tgt Ion: 96 Resp: 314093

Ion Ratio Lower Upper

96 100

61 118.6 90.1 135.1

98 66.8 46.4 69.6



#22

Diisopropyl ether

Concen: 43.575 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.012 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Tgt Ion: 45 Resp: 701963

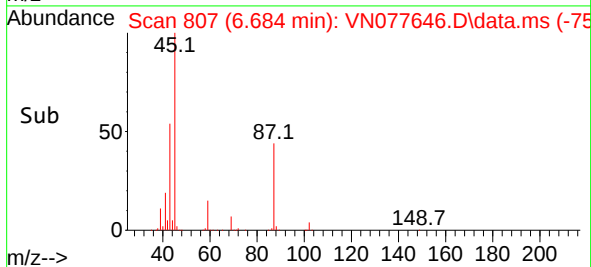
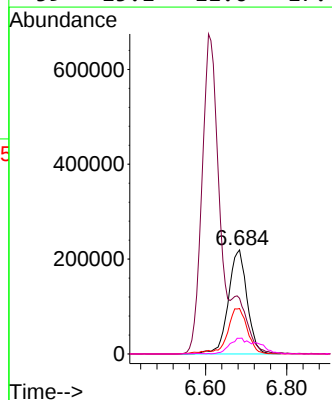
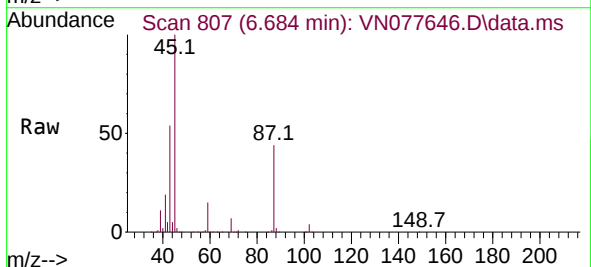
Ion Ratio Lower Upper

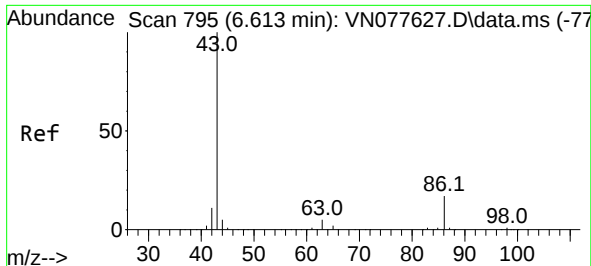
45 100

43 53.5 45.5 68.3

87 43.4 31.8 47.8

59 15.1 11.6 17.4

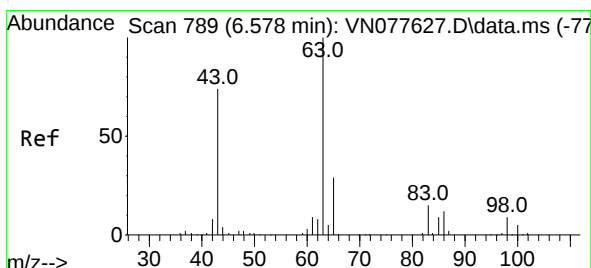
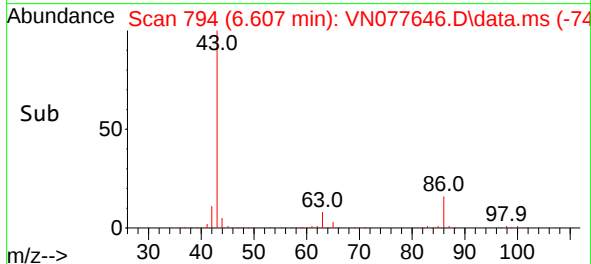
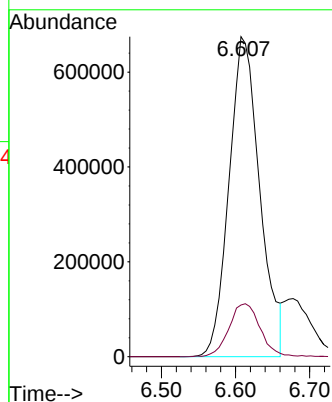
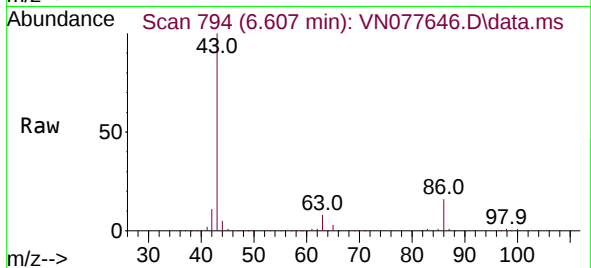




#23
 Vinyl Acetate
 Concen: 217.989 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077646.D
 Acq: 09 May 2023 20:57

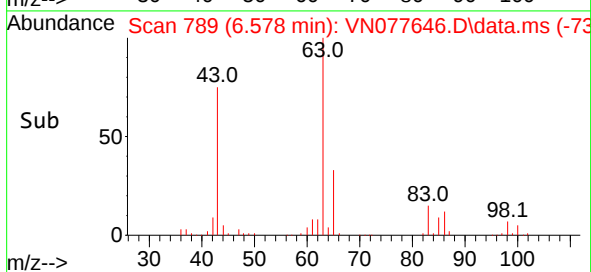
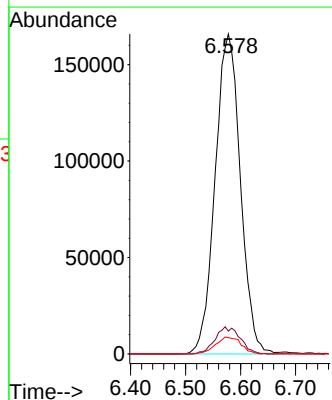
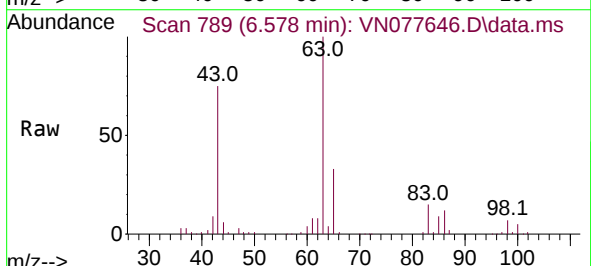
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

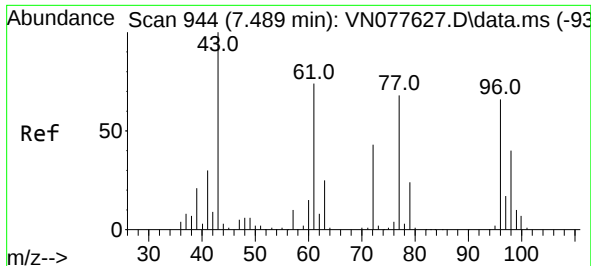
Tgt Ion: 43 Resp: 1946184
 Ion Ratio Lower Upper
 43 100
 86 16.1 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 43.359 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077646.D
 Acq: 09 May 2023 20:57

Tgt Ion: 63 Resp: 529504
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 5.1 2.5 7.4

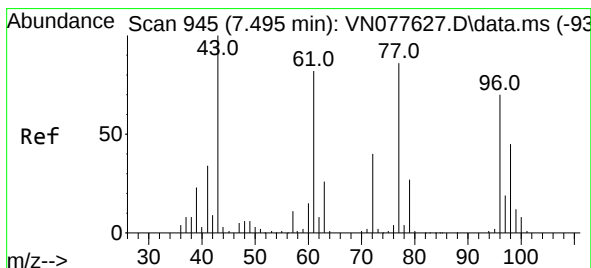
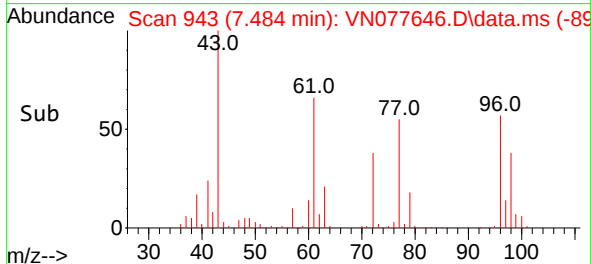
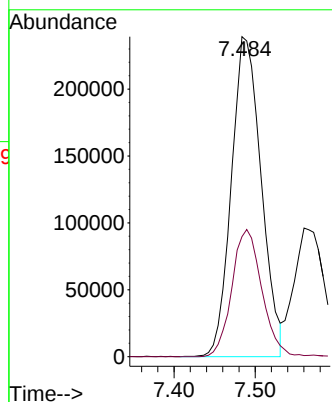
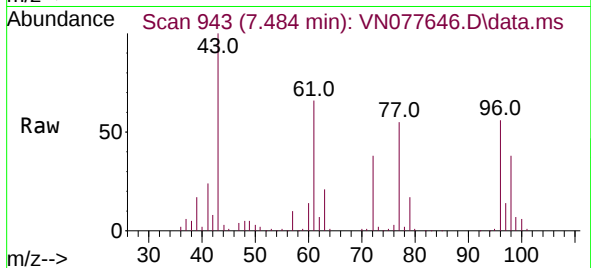




#25
2-Butanone
Concen: 209.547 ug/l
RT: 7.484 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

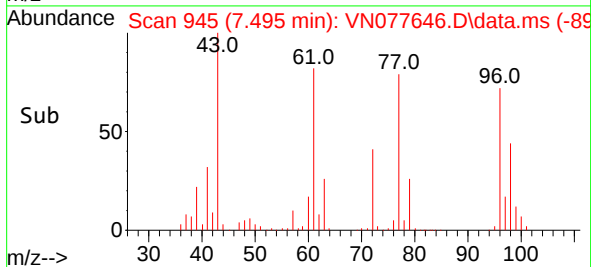
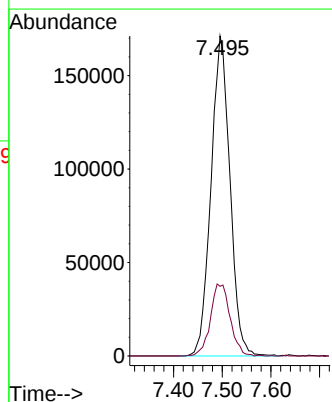
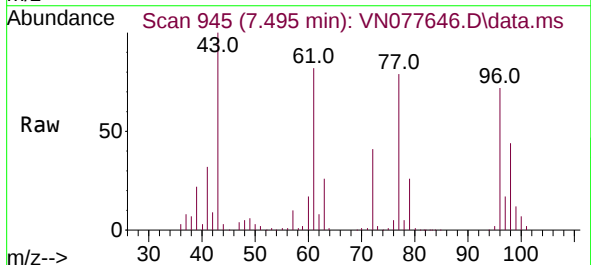
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

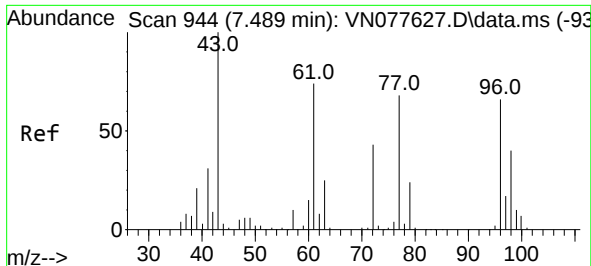
Tgt Ion: 43 Resp: 610662
Ion Ratio Lower Upper
43 100
72 37.5 30.2 45.2



#26
2,2-Dichloropropane
Concen: 41.808 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 77 Resp: 462715
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6



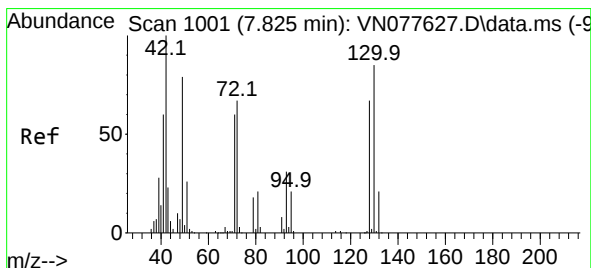
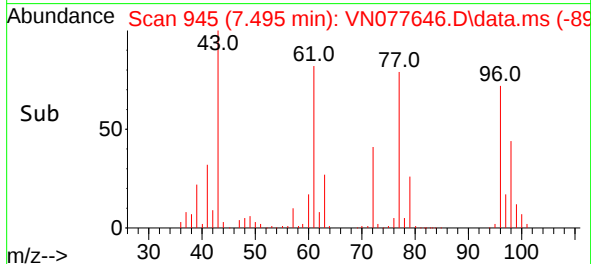
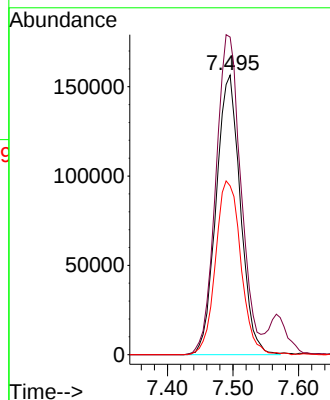
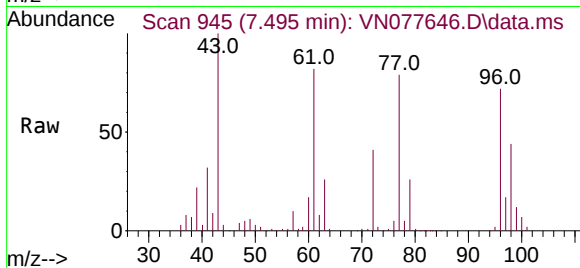


#27
 cis-1,2-Dichloroethene
 Concen: 44.448 ug/l
 RT: 7.495 min Scan# 944
 Delta R.T. 0.006 min
 Lab File: VN077646.D
 Acq: 09 May 2023 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 401818

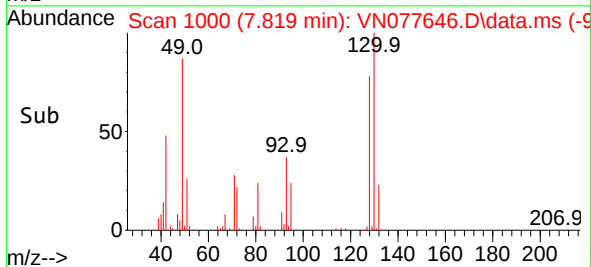
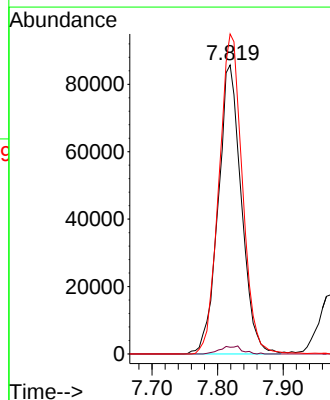
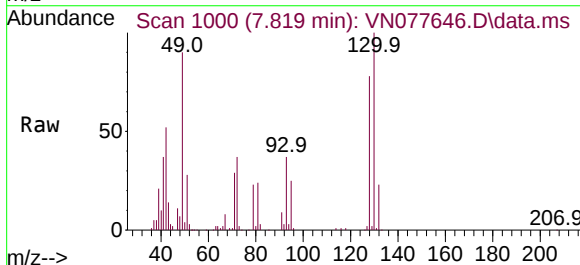
Ion	Ratio	Lower	Upper
96	100		
61	118.3	0.0	255.2
98	65.0	0.0	128.8

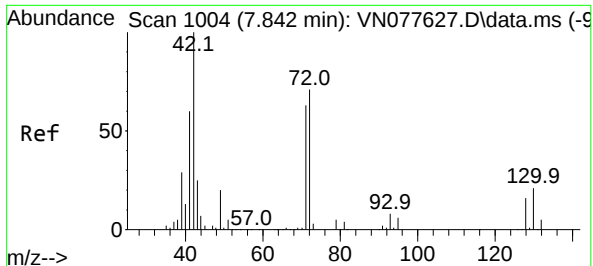


#28
 Bromochloromethane
 Concen: 47.187 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.006 min
 Lab File: VN077646.D
 Acq: 09 May 2023 20:57

Tgt Ion: 49 Resp: 210265

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	111.6	75.3	112.9





#29

Tetrahydrofuran

Concen: 218.081 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

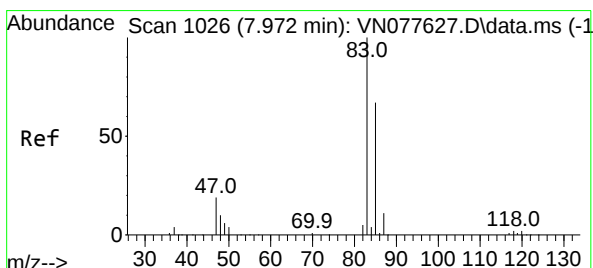
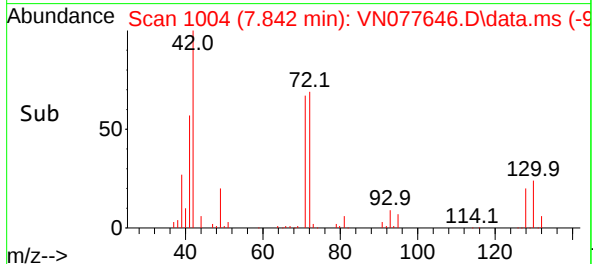
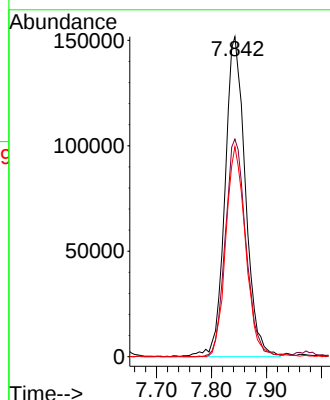
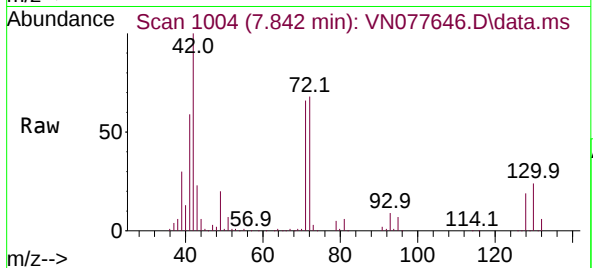
Tgt Ion: 42 Resp: 390390

Ion Ratio Lower Upper

42 100

72 68.9 49.8 74.6

71 63.9 47.4 71.2



#30

Chloroform

Concen: 44.774 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077646.D

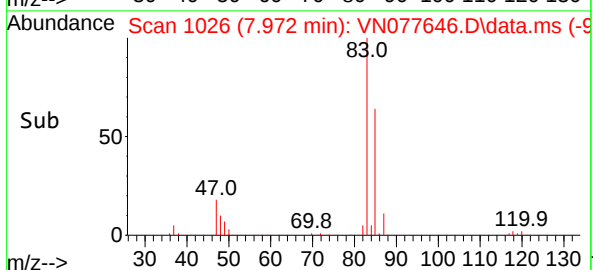
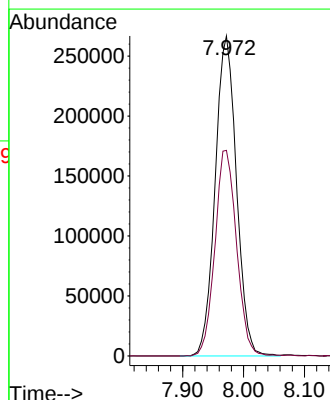
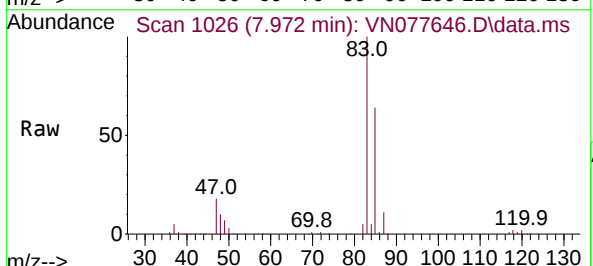
Acq: 09 May 2023 20:57

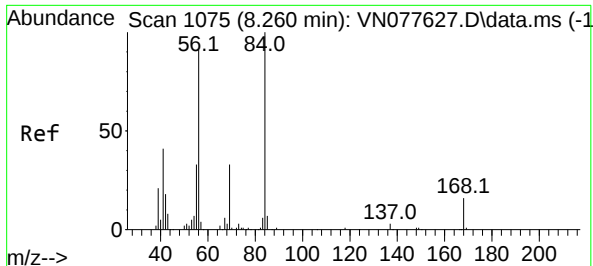
Tgt Ion: 83 Resp: 648017

Ion Ratio Lower Upper

83 100

85 64.3 55.4 83.0

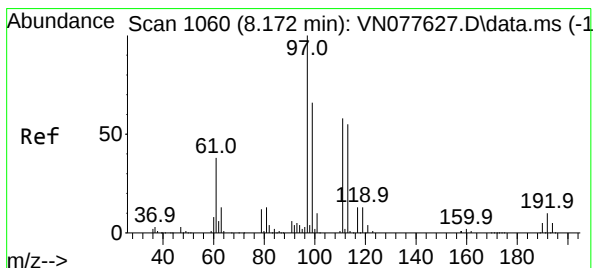
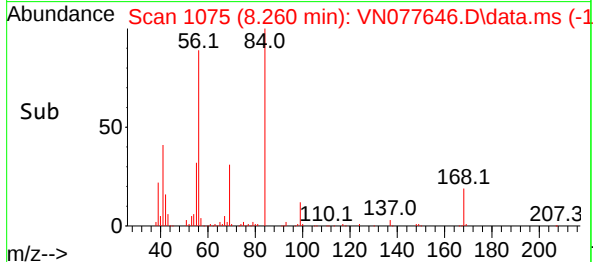
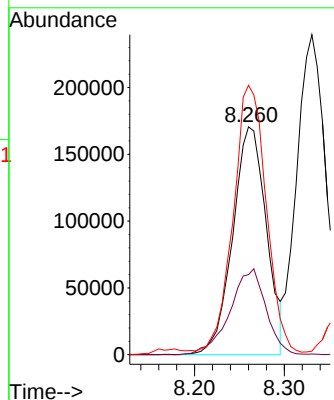
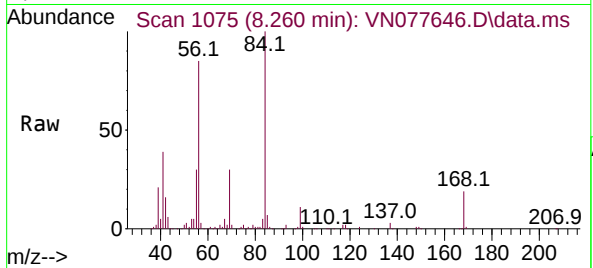




#31
Cyclohexane
Concen: 41.445 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

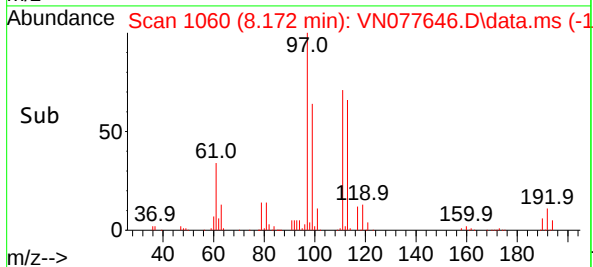
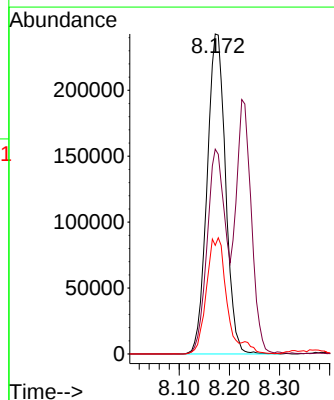
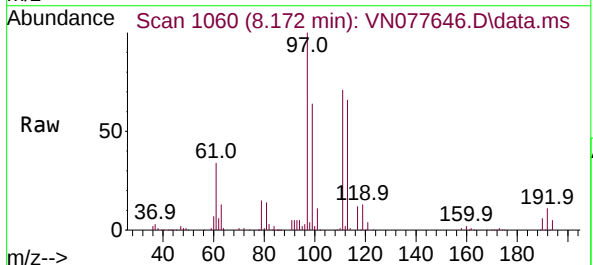
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

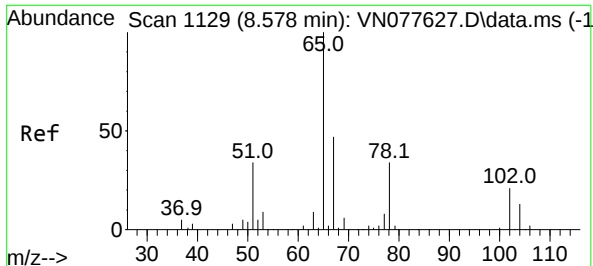
Tgt Ion: 56 Resp: 444708
Ion Ratio Lower Upper
56 100
69 35.0 26.8 40.2
84 116.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 46.604 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 97 Resp: 621048
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 40.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.193 ug/l

RT: 8.584 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

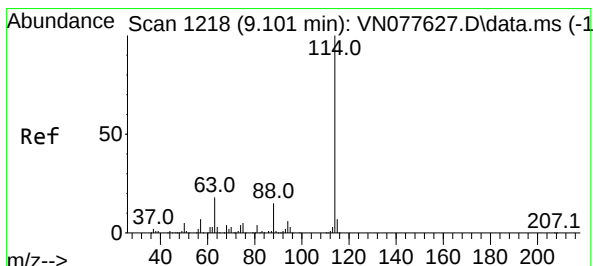
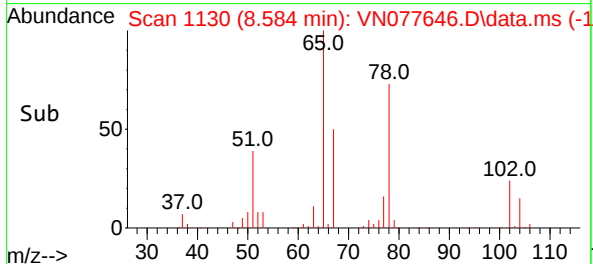
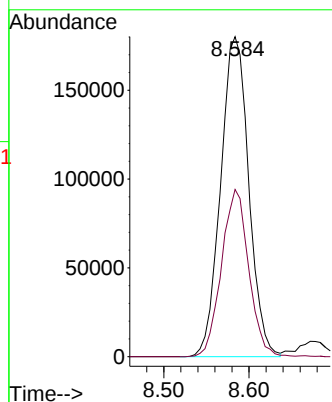
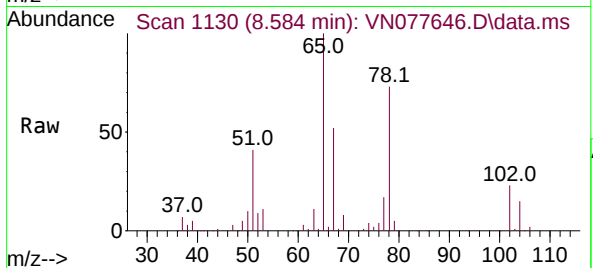
VSTDCCC050EC

Tgt Ion: 65 Resp: 413032

Ion Ratio Lower Upper

65 100

67 50.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

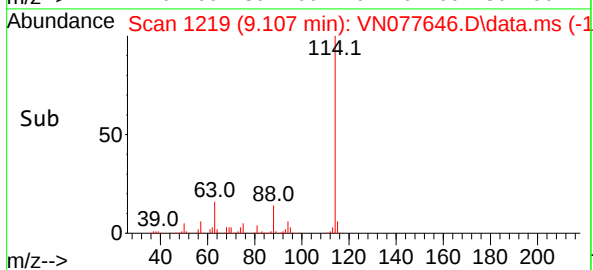
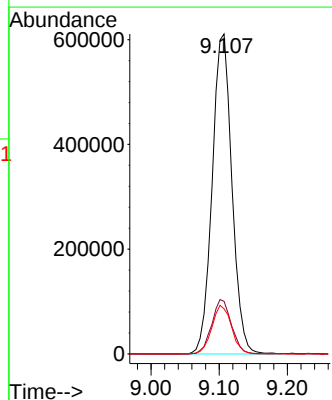
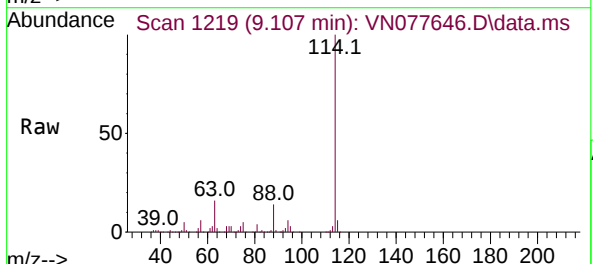
Tgt Ion: 114 Resp: 1229391

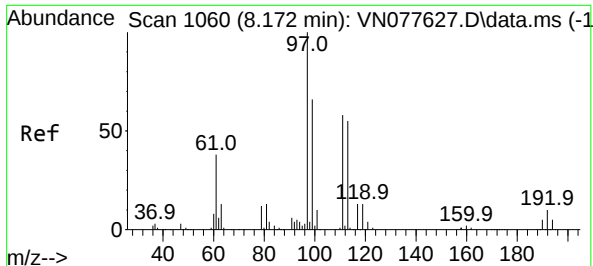
Ion Ratio Lower Upper

114 100

63 16.5 0.0 36.4

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.996 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

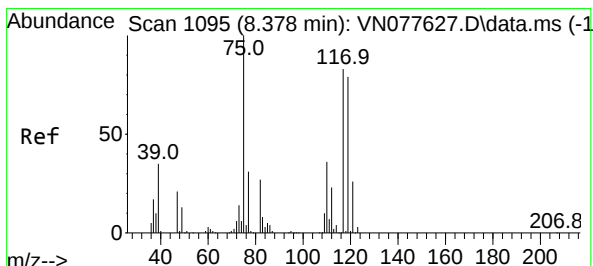
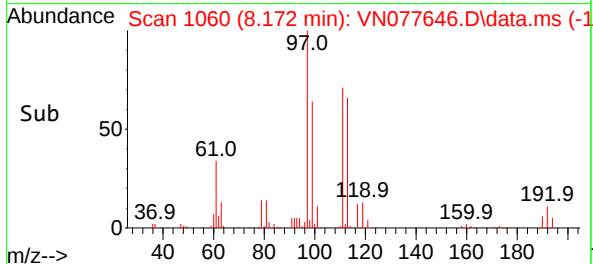
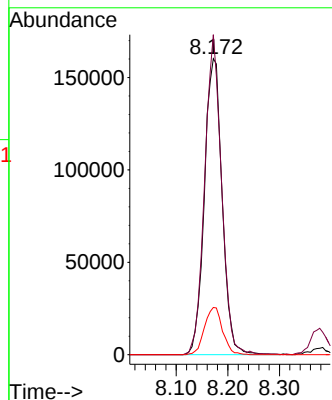
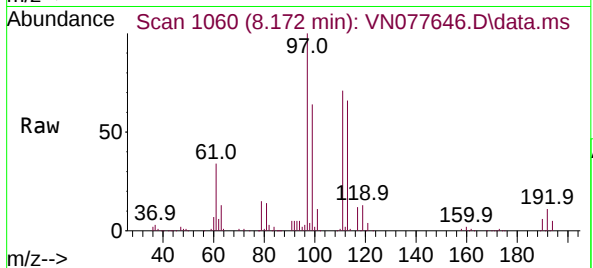
Tgt Ion:113 Resp: 383340

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 16.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 44.148 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

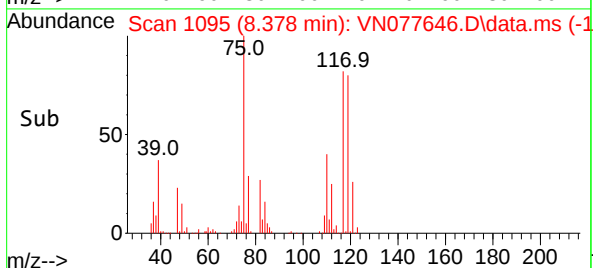
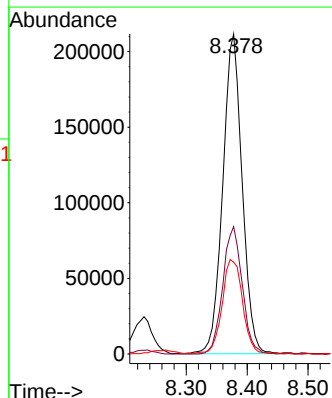
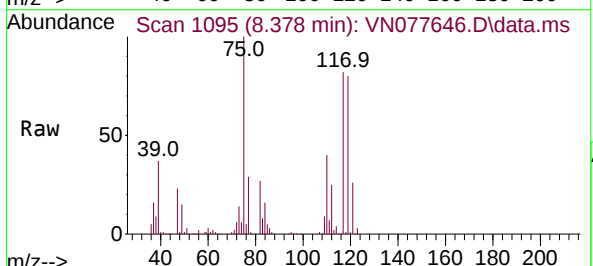
Tgt Ion: 75 Resp: 467144

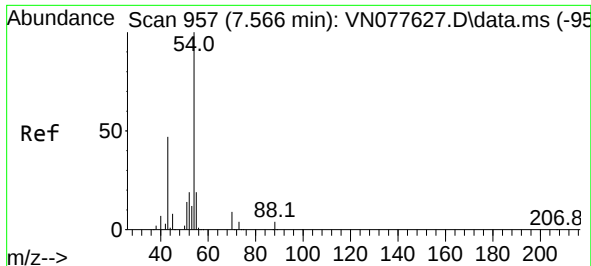
Ion Ratio Lower Upper

75 100

110 39.9 19.1 57.3

77 31.3 25.0 37.4

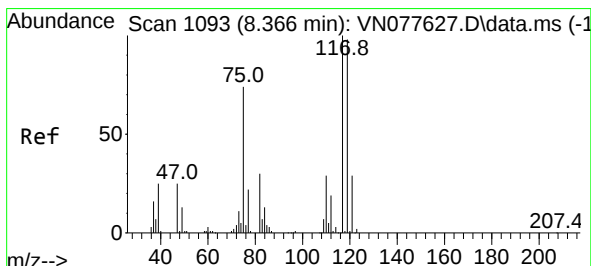
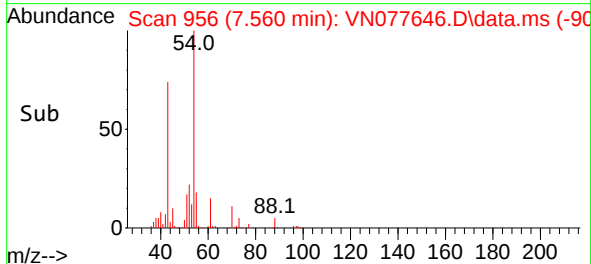
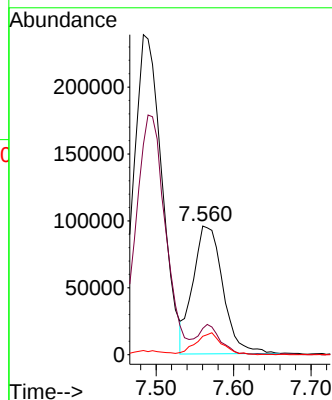
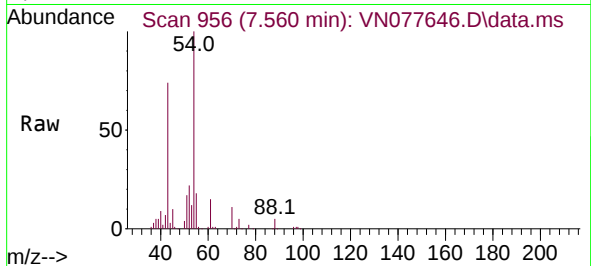




#37
Ethyl Acetate
Concen: 42.463 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

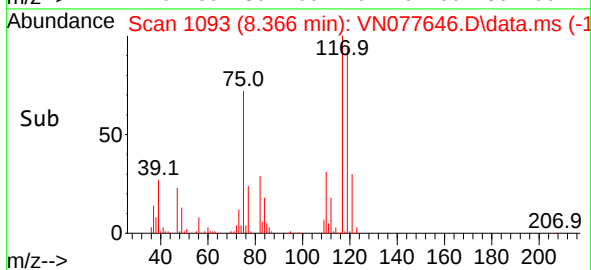
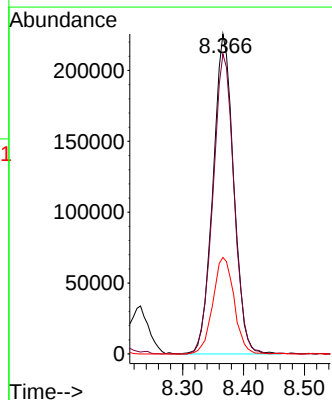
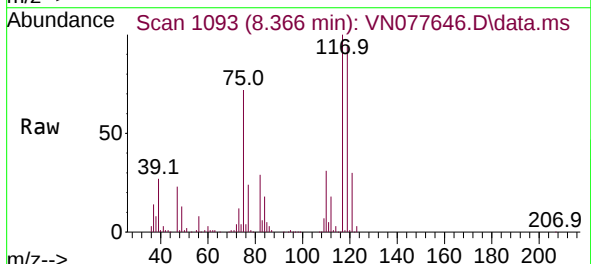
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

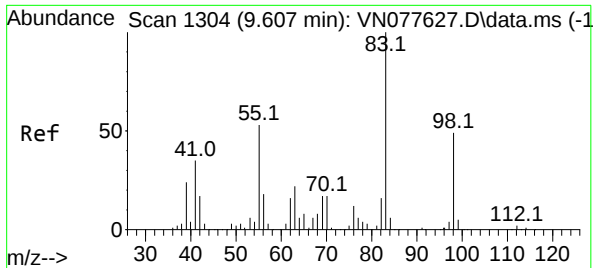
Tgt Ion: 43 Resp: 256917
Ion Ratio Lower Upper
43 100
61 17.8 13.2 19.8
70 15.1 11.3 16.9



#38
Carbon Tetrachloride
Concen: 46.033 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 117 Resp: 532130
Ion Ratio Lower Upper
117 100
119 93.7 77.3 115.9
121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 46.427 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

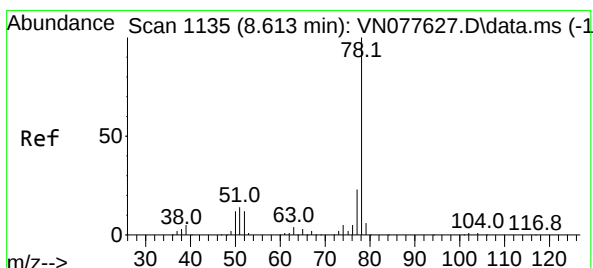
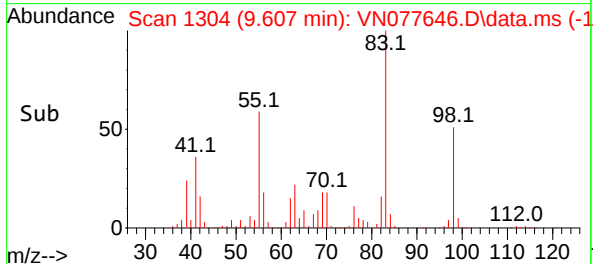
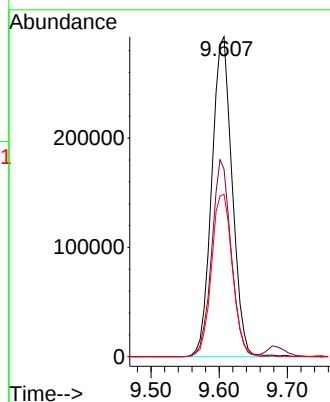
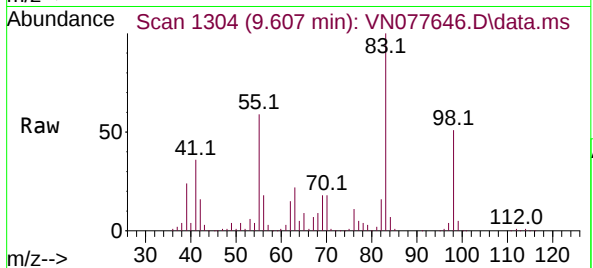
Tgt Ion: 83 Resp: 609827

Ion Ratio Lower Upper

83 100

55 58.6 49.1 73.7

98 50.7 40.6 61.0



#40

Benzene

Concen: 44.748 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077646.D

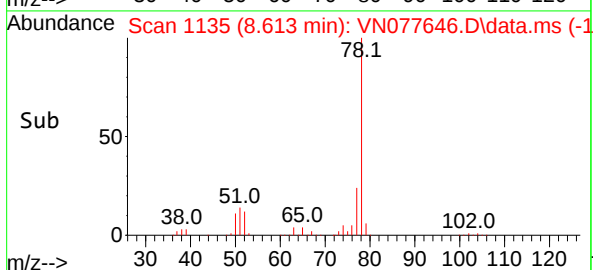
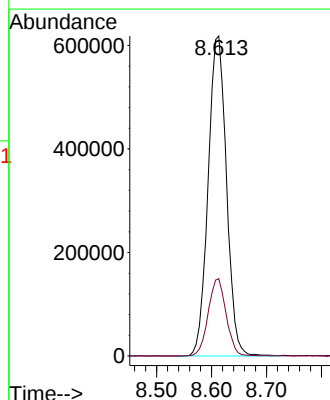
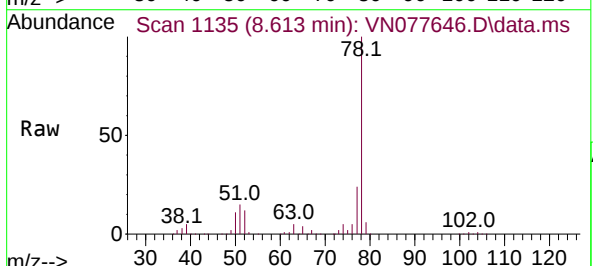
Acq: 09 May 2023 20:57

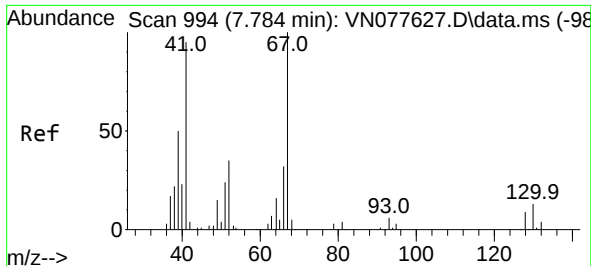
Tgt Ion: 78 Resp: 1432417

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

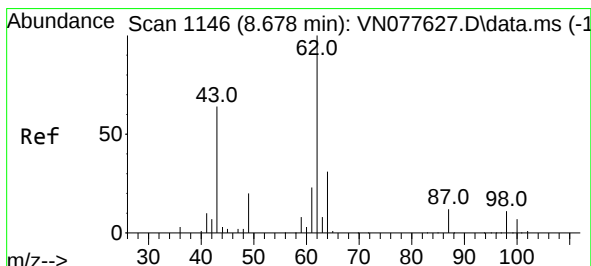
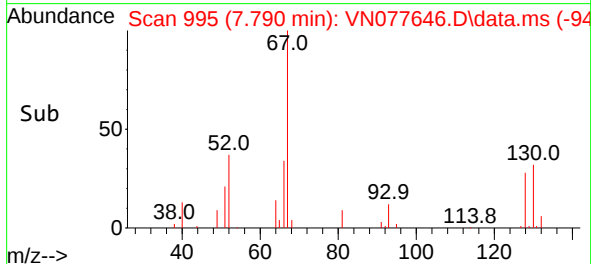
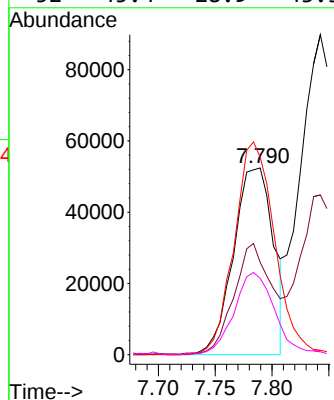
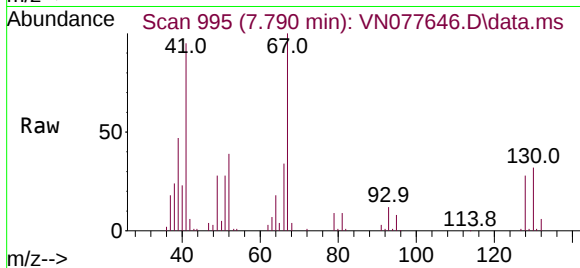




#41
Methacrylonitrile
Concen: 38.738 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

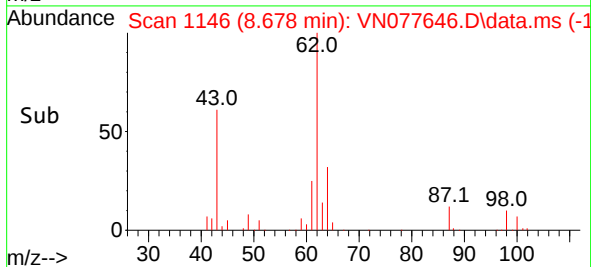
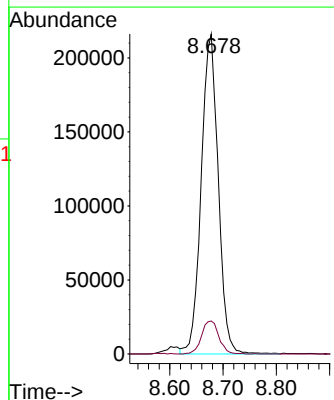
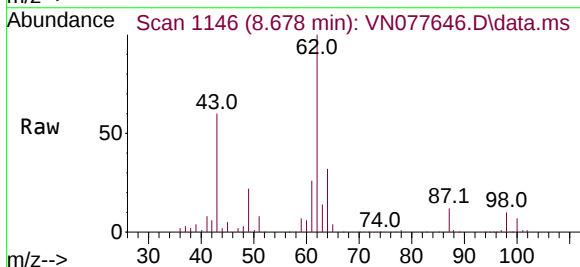
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

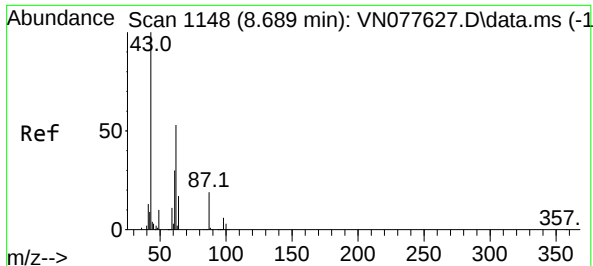
Tgt Ion:	41	Resp:	128056
Ion	Ratio	Lower	Upper
41	100		
39	56.2	42.6	64.0
67	116.0	77.5	116.3
52	45.4	28.9	43.3



#42
1,2-Dichloroethane
Concen: 44.626 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:	62	Resp:	479022
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.8

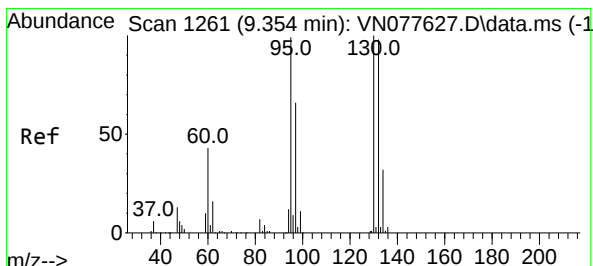
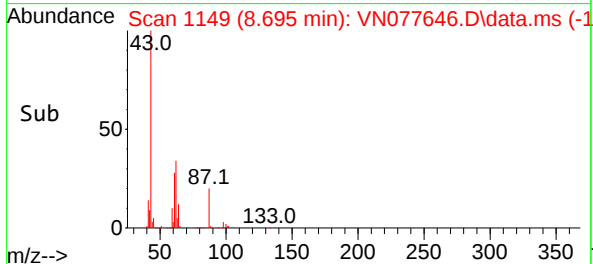
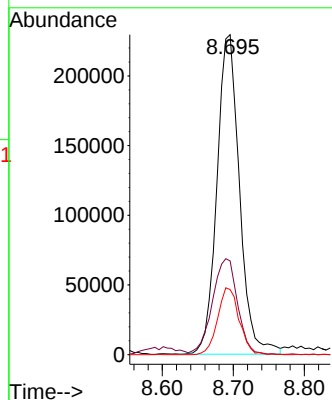
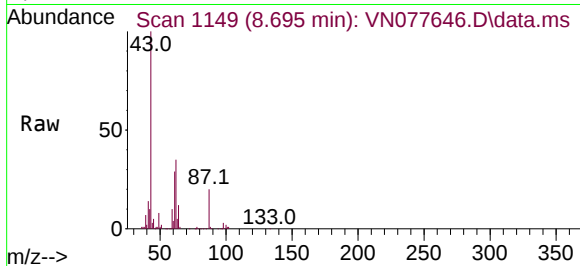




#43
Isopropyl Acetate
Concen: 47.758 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

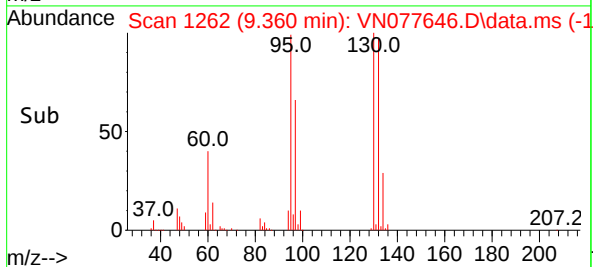
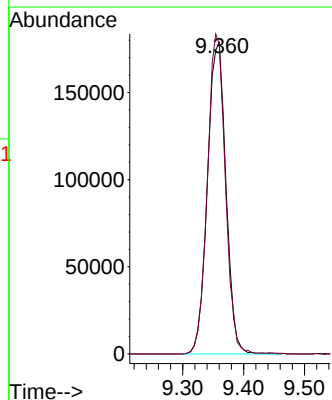
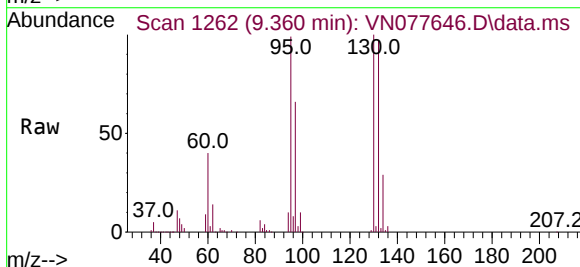
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

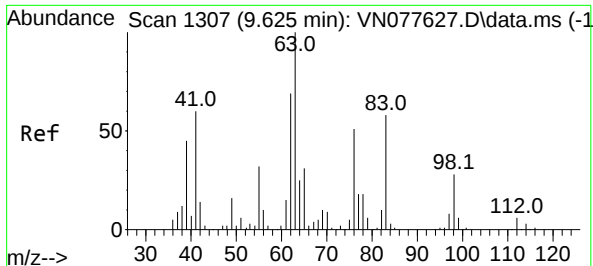
Tgt Ion: 43 Resp: 506618
Ion Ratio Lower Upper
43 100
61 33.3 24.7 37.1
87 19.9 14.6 21.8



#44
Trichloroethene
Concen: 44.823 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 130 Resp: 376907
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 43.213 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

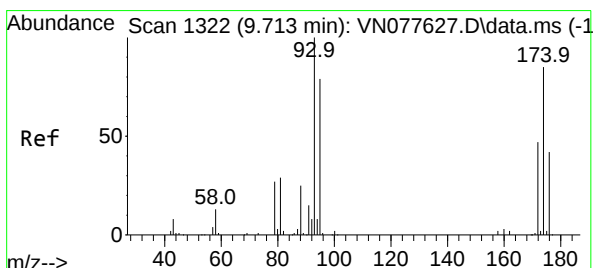
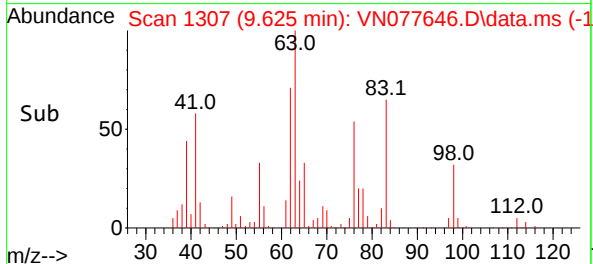
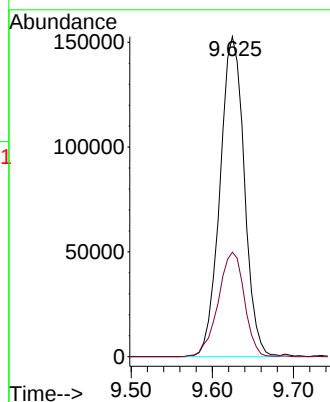
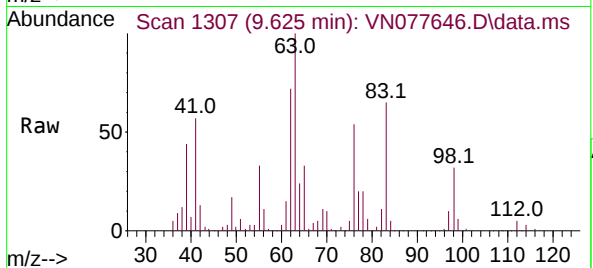
VSTDCCC050EC

Tgt Ion: 63 Resp: 318062

Ion Ratio Lower Upper

63 100

65 32.7 23.9 35.9



#46

Dibromomethane

Concen: 45.880 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

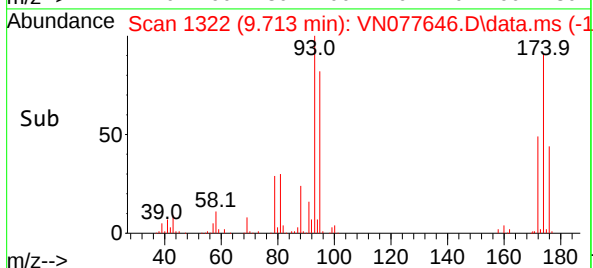
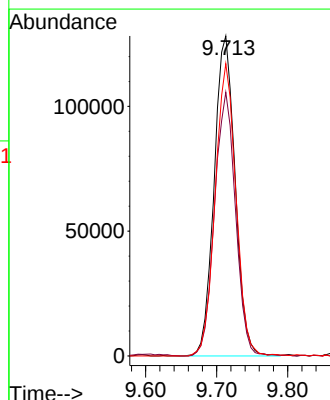
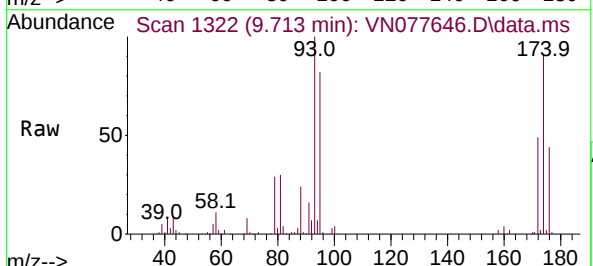
Tgt Ion: 93 Resp: 262682

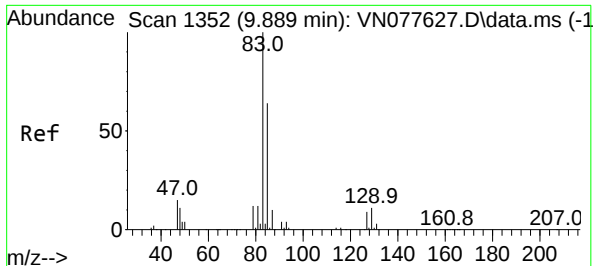
Ion Ratio Lower Upper

93 100

95 82.3 63.8 95.8

174 90.7 65.6 98.4

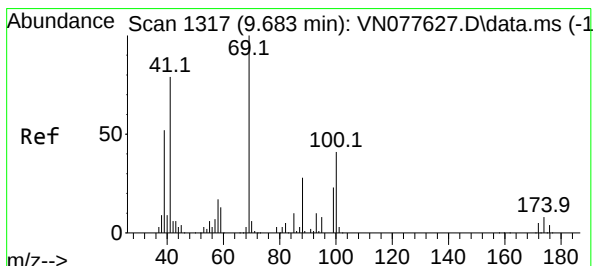
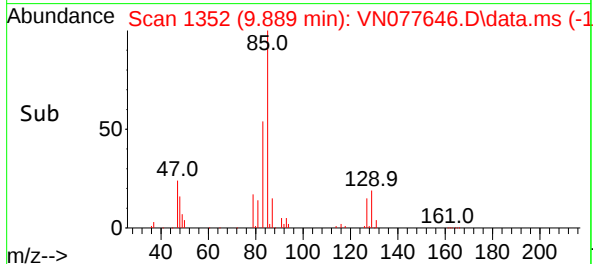
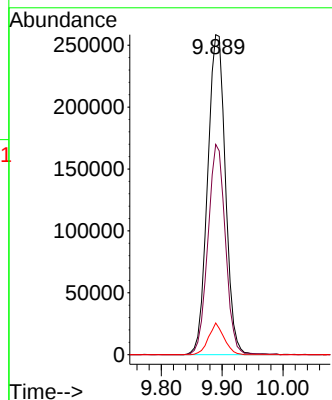
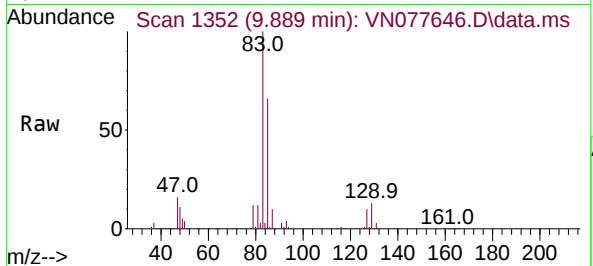




#47
Bromodichloromethane
Concen: 46.969 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

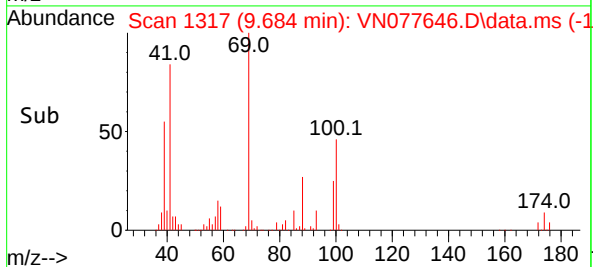
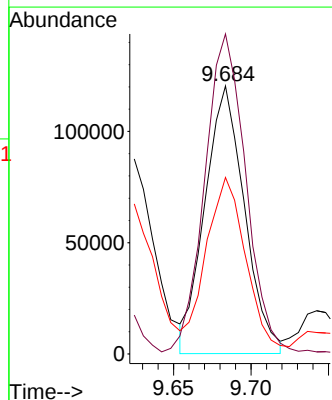
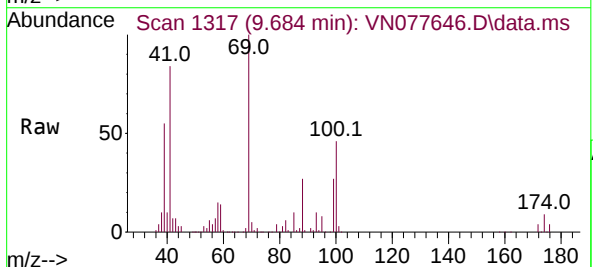
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

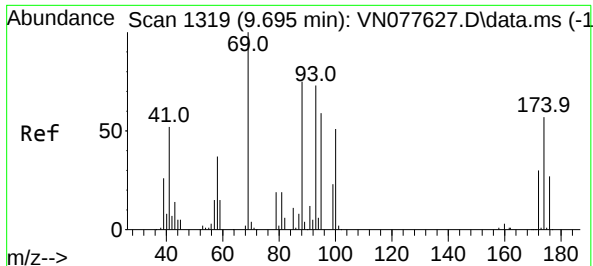
Tgt Ion: 83 Resp: 525243
Ion Ratio Lower Upper
83 100
85 65.7 49.6 74.4
127 9.9 7.0 10.6



#48
Methyl methacrylate
Concen: 42.876 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 41 Resp: 213474
Ion Ratio Lower Upper
41 100
69 126.0 90.4 135.6
39 67.4 54.6 81.8





#49

1,4-Dioxane

Concen: 884.923 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

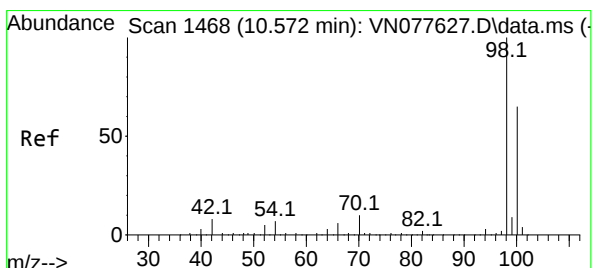
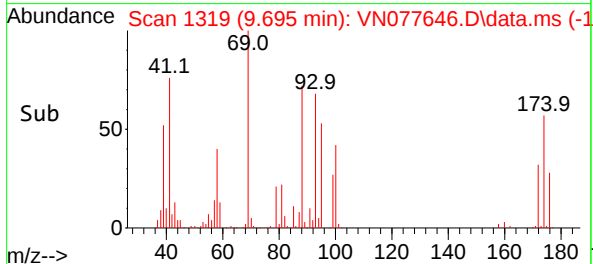
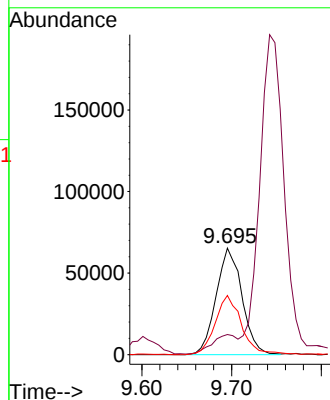
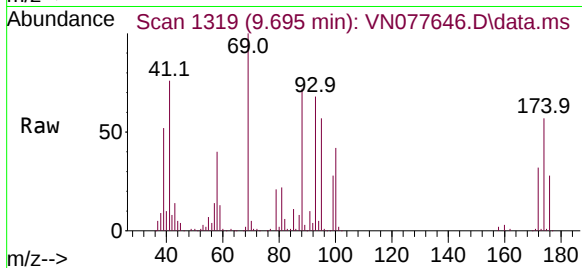
Tgt Ion: 88 Resp: 131031

Ion Ratio Lower Upper

88 100

43 17.7 17.0 25.6

58 56.7 47.0 70.4



#50

Toluene-d8

Concen: 50.609 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077646.D

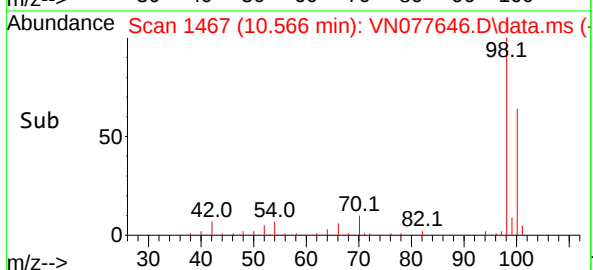
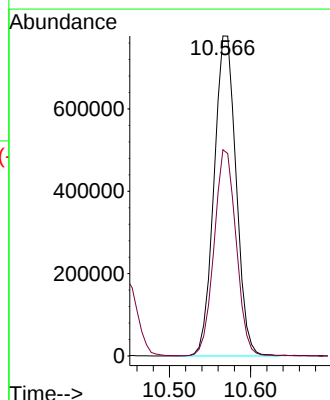
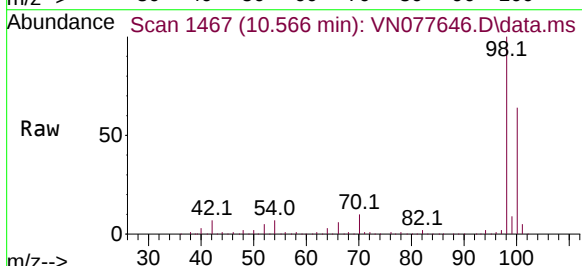
Acq: 09 May 2023 20:57

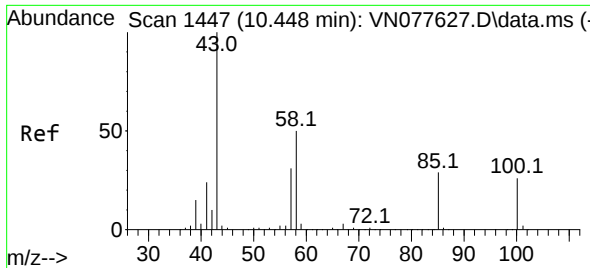
Tgt Ion: 98 Resp: 1469130

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

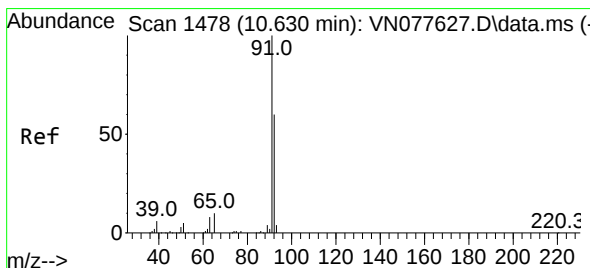
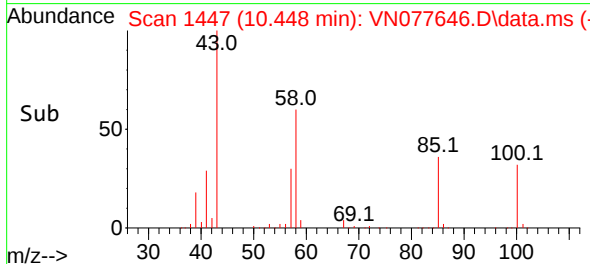
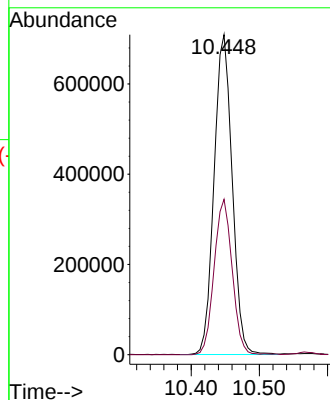
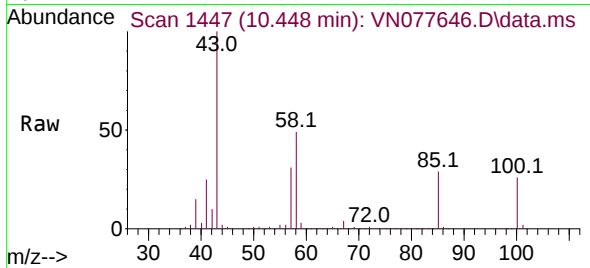




#51
4-Methyl-2-Pentanone
Concen: 210.146 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

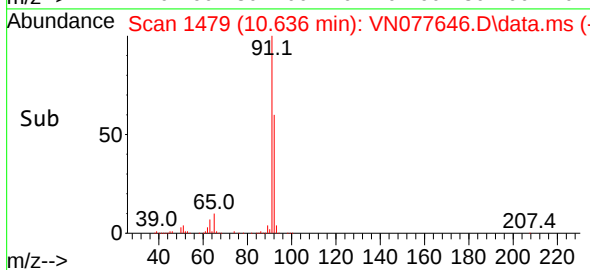
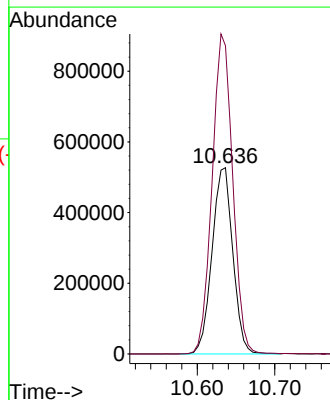
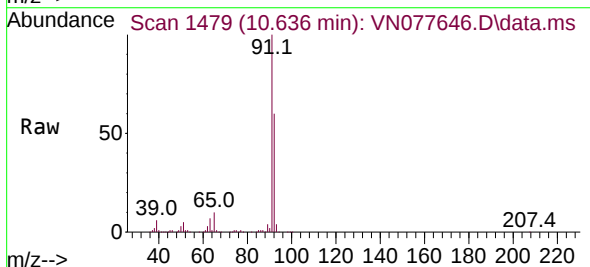
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

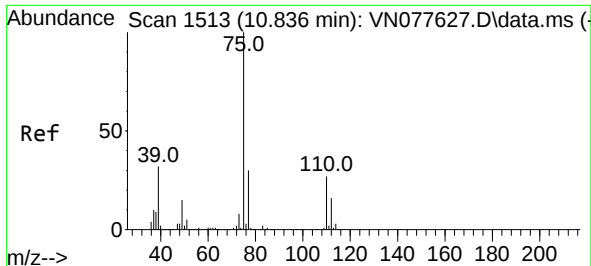
Tgt Ion: 43 Resp: 1311484
Ion Ratio Lower Upper
43 100
58 48.2 36.6 54.8



#52
Toluene
Concen: 46.098 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 92 Resp: 981483
Ion Ratio Lower Upper
92 100
91 170.2 137.4 206.0

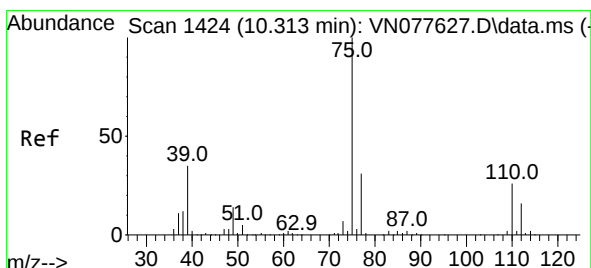
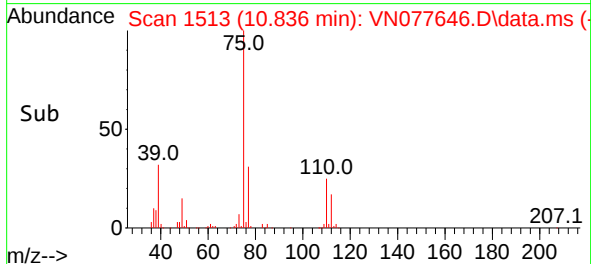
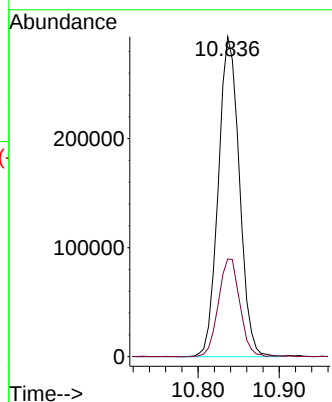
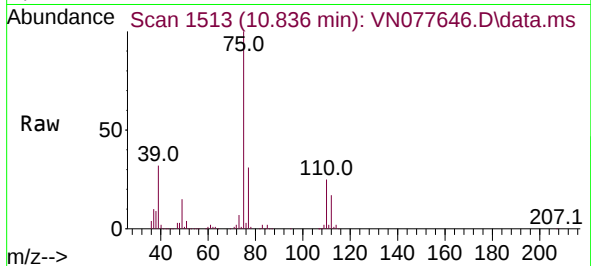




#53
t-1,3-Dichloropropene
Concen: 48.628 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

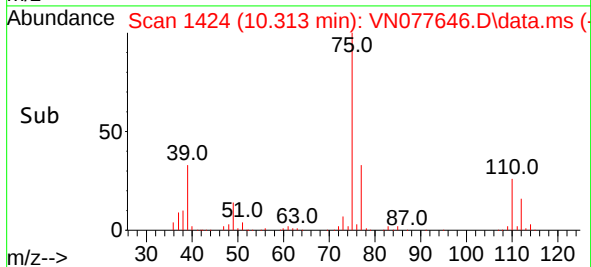
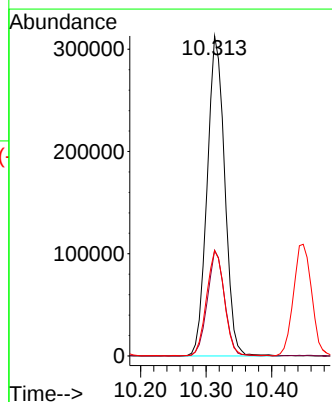
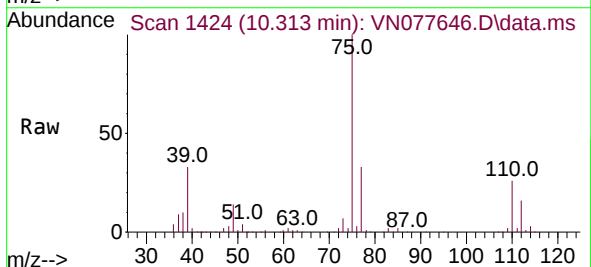
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

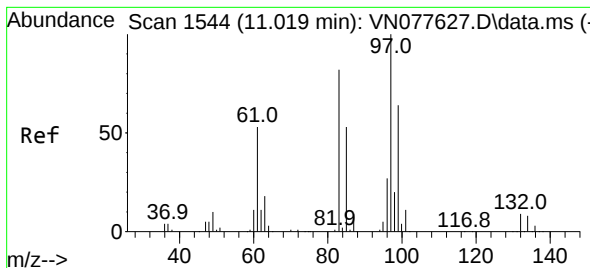
Tgt Ion: 75 Resp: 529835
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 46.983 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 75 Resp: 582404
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 32.9 31.6 47.4

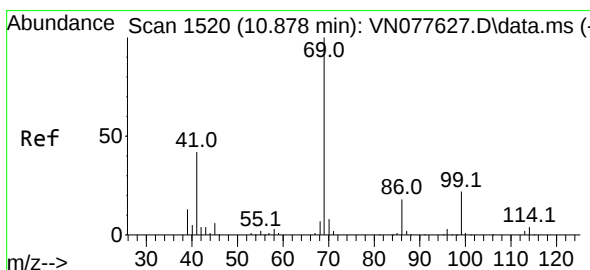
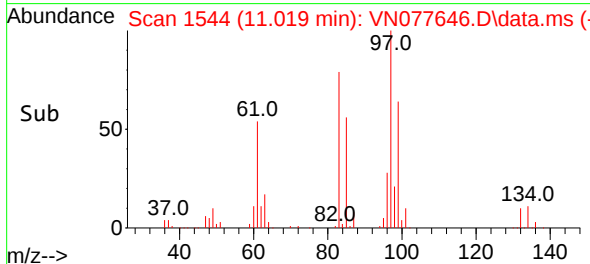
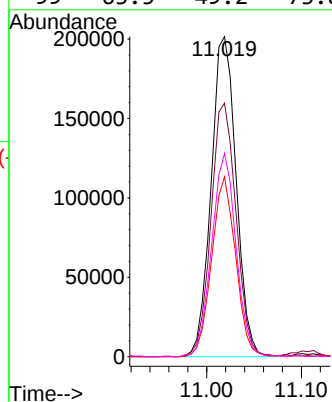
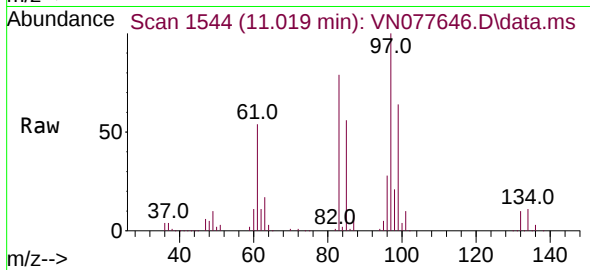




#55
1,1,2-Trichloroethane
Concen: 44.930 ug/l
RT: 11.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

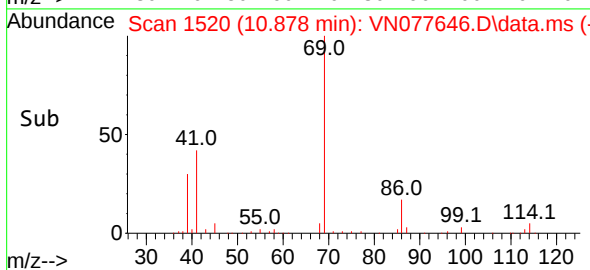
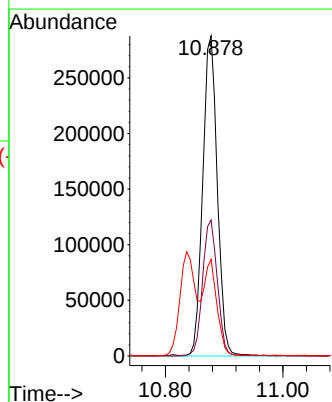
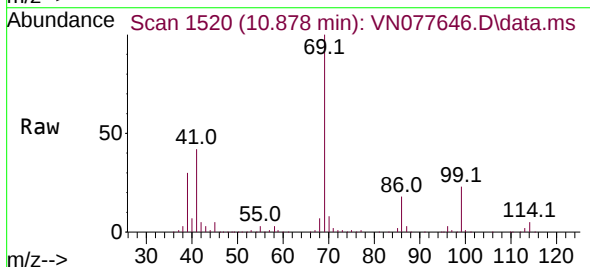
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

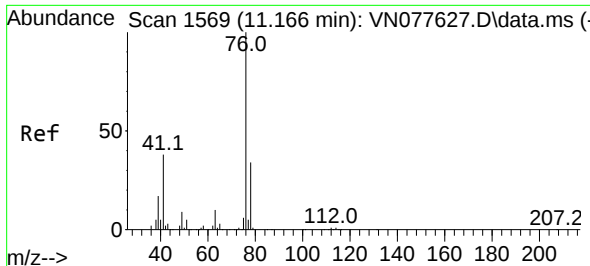
Tgt Ion:	97	Resp:	370918
Ion	Ratio	Lower	Upper
97	100		
83	79.2	65.1	97.7
85	56.2	43.4	65.2
99	63.5	49.2	73.8



#56
Ethyl methacrylate
Concen: 47.505 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:	69	Resp:	494568
Ion	Ratio	Lower	Upper
69	100		
41	42.5	39.6	59.4
39	25.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 44.813 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

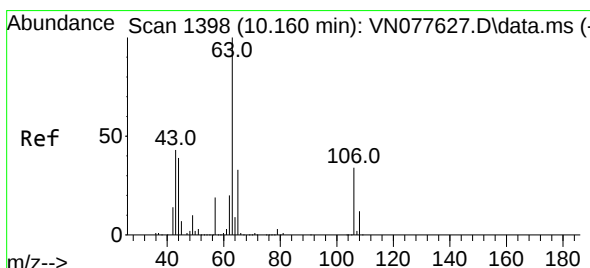
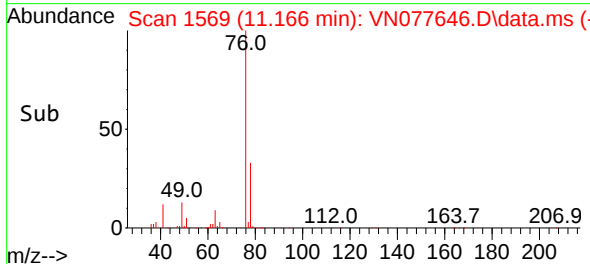
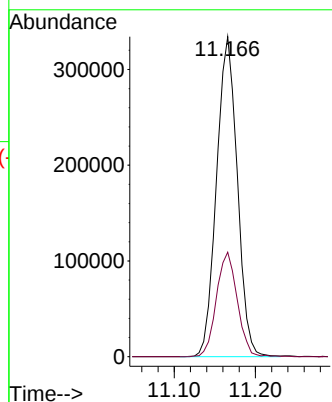
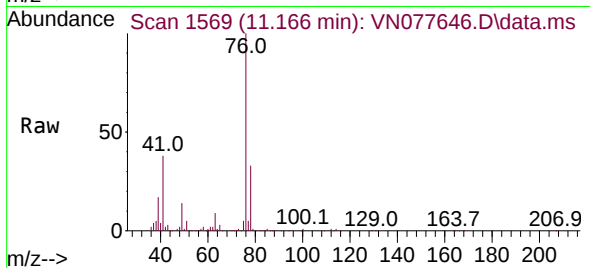
VSTDCCC050EC

Tgt Ion: 76 Resp: 594681

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 238.857 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077646.D

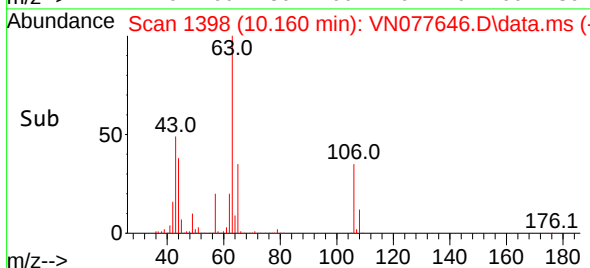
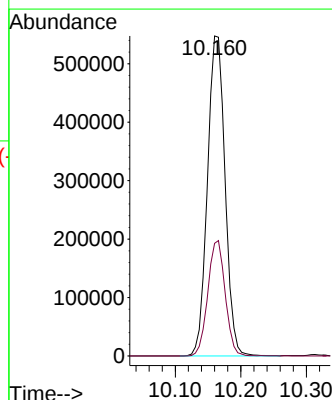
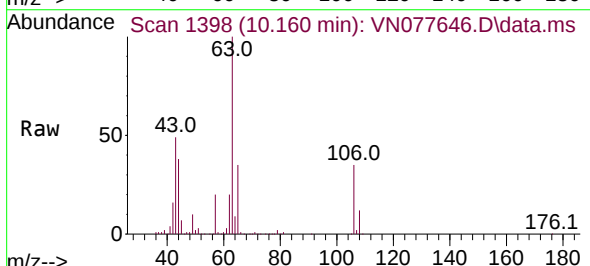
Acq: 09 May 2023 20:57

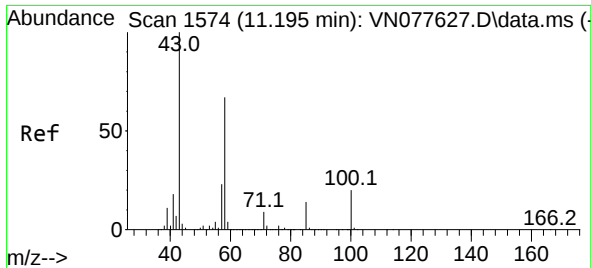
Tgt Ion: 63 Resp: 1025260

Ion Ratio Lower Upper

63 100

106 35.5 26.2 39.4

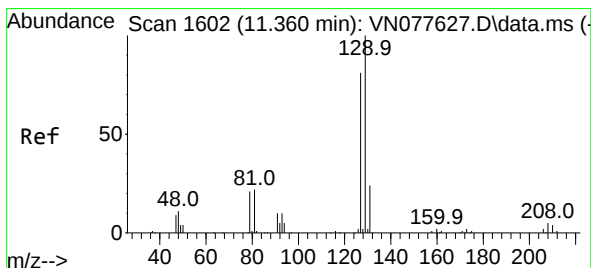
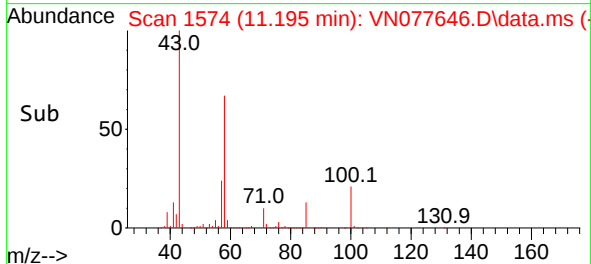
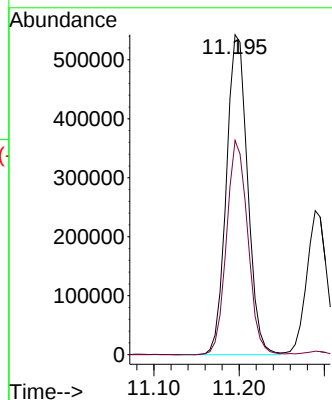
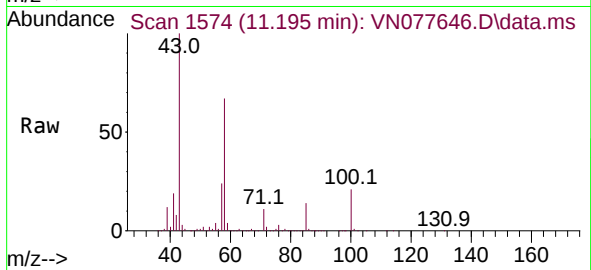




#59
2-Hexanone
Concen: 212.761 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

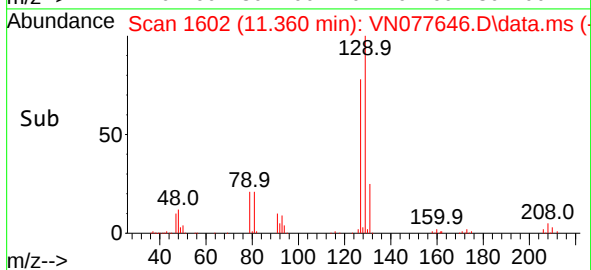
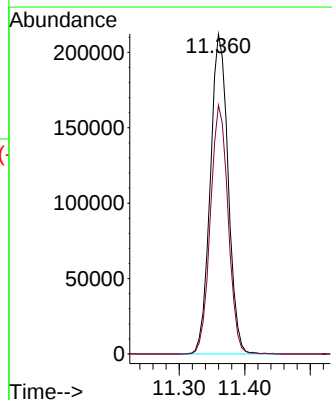
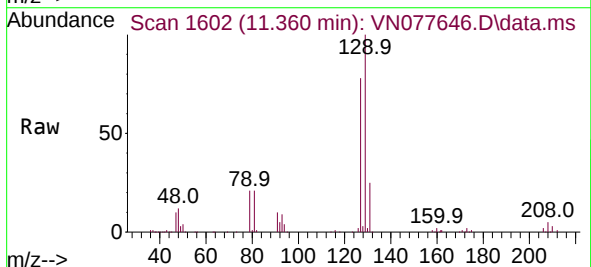
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

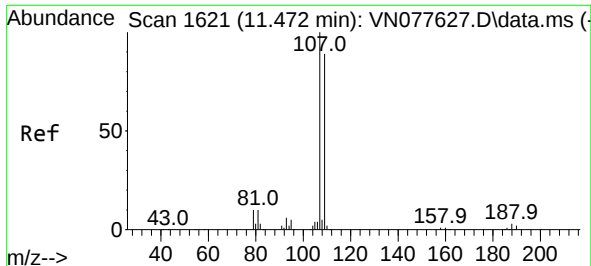
Tgt Ion: 43 Resp: 938436
Ion Ratio Lower Upper
43 100
58 67.0 31.7 95.1



#60
Dibromochloromethane
Concen: 48.802 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:129 Resp: 399945
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

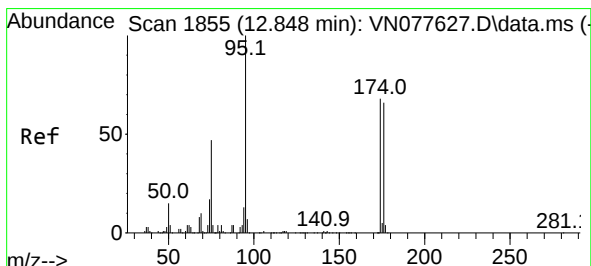
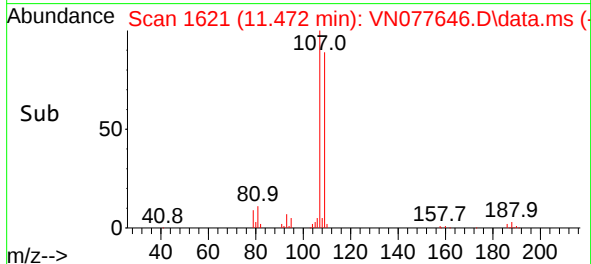
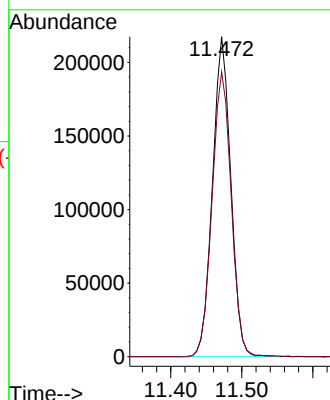
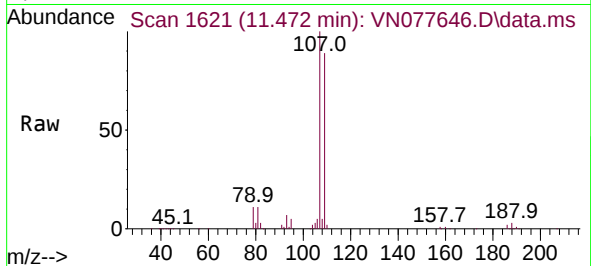




#61
1,2-Dibromoethane
Concen: 47.941 ug/l
RT: 11.472 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

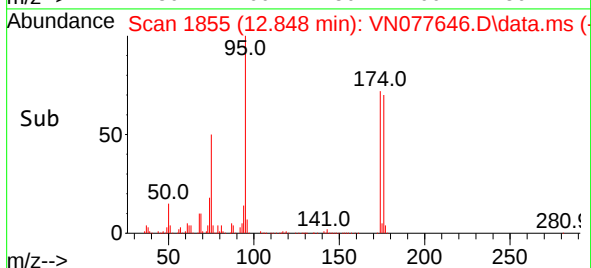
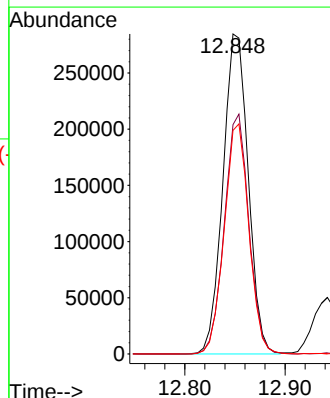
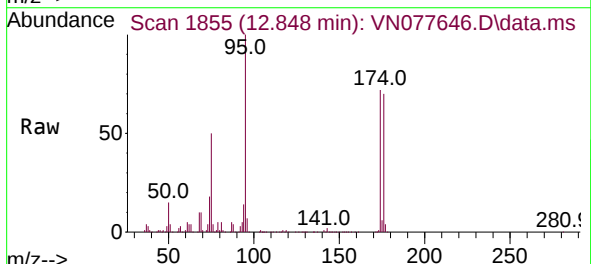
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

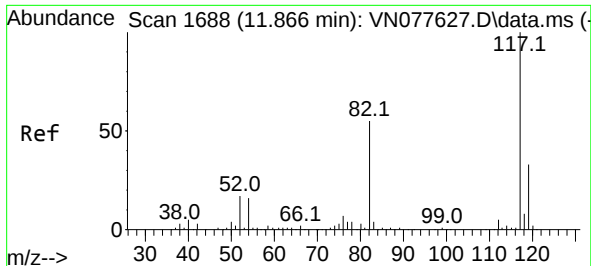
Tgt Ion:107 Resp: 389097
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.796 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 95 Resp: 498736
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 70.2 0.0 135.8

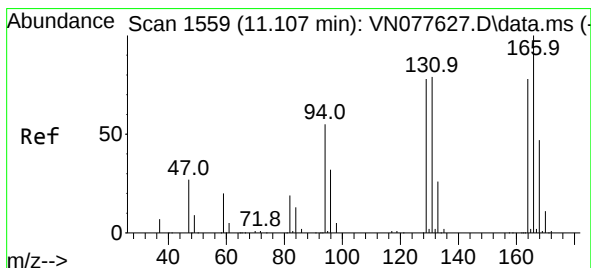
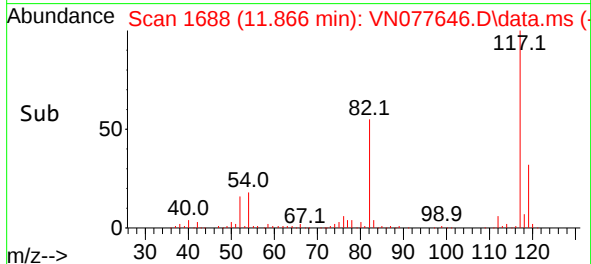
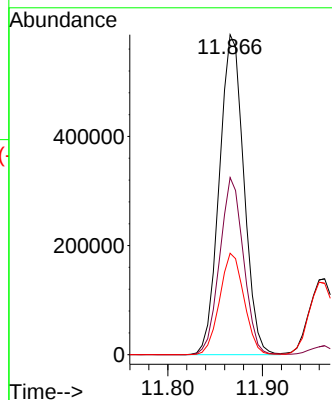
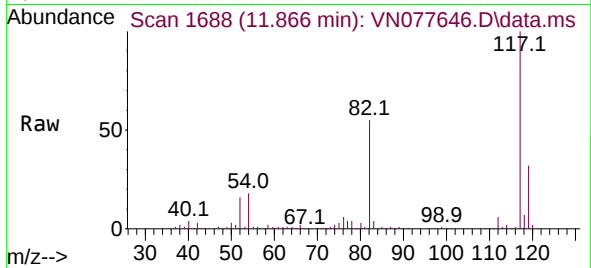




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

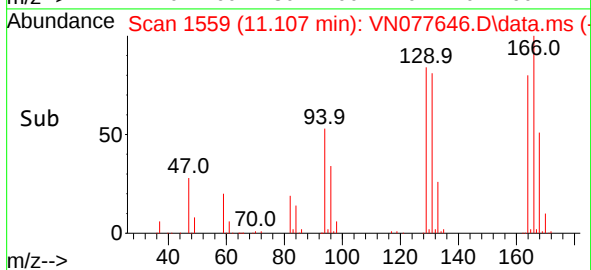
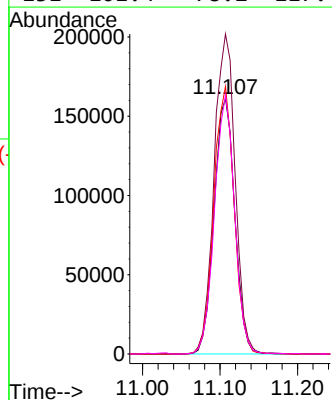
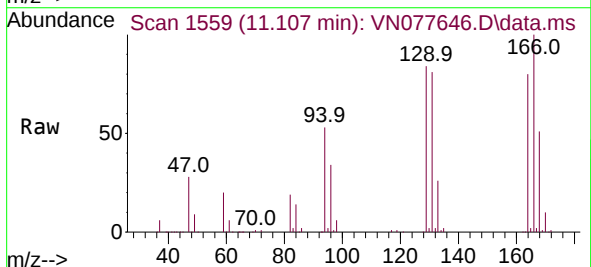
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

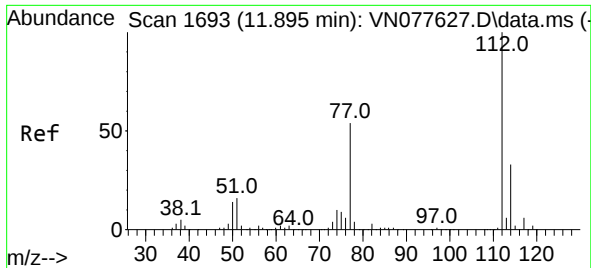
Tgt Ion:117 Resp: 1057062
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 47.691 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:164 Resp: 300030
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 104.8 82.4 123.6
131 101.4 78.2 117.4

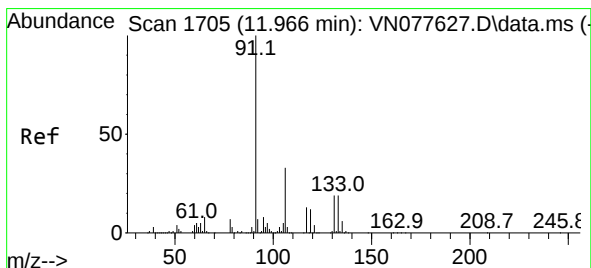
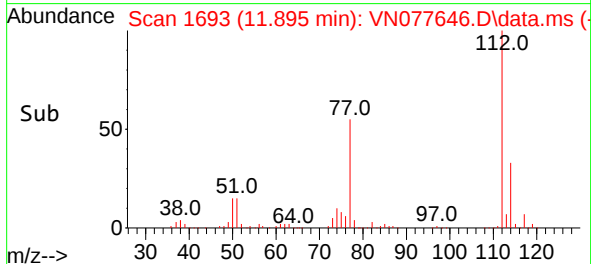
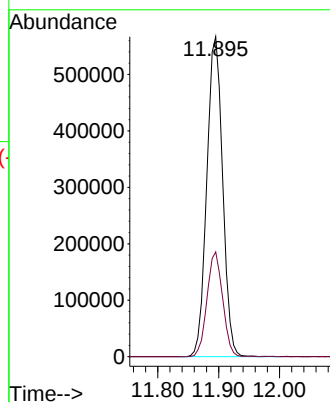
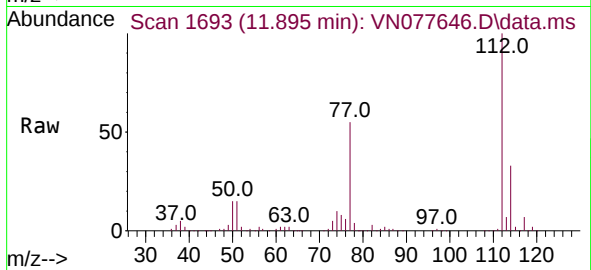




#65
Chlorobenzene
Concen: 47.167 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

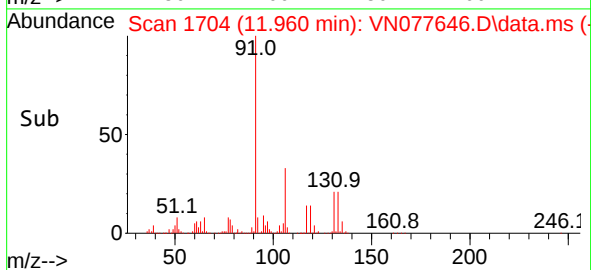
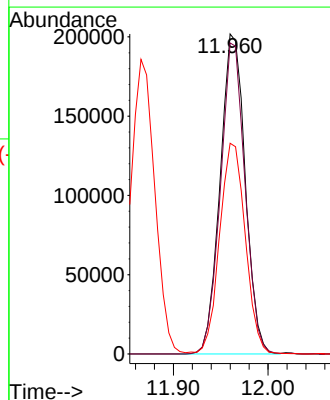
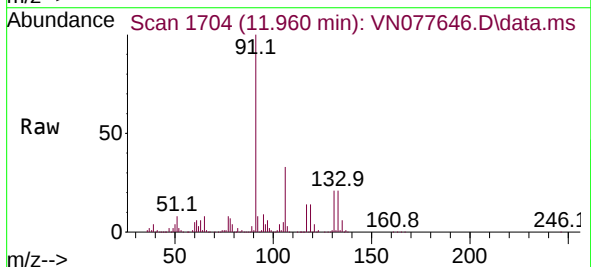
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

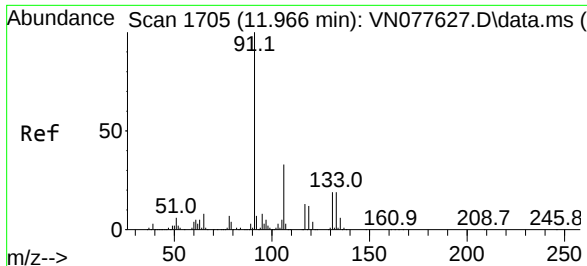
Tgt Ion:112 Resp: 1024839
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.483 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:131 Resp: 371699
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 67.6 34.1 102.2

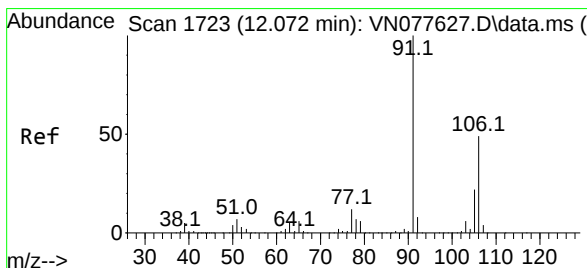
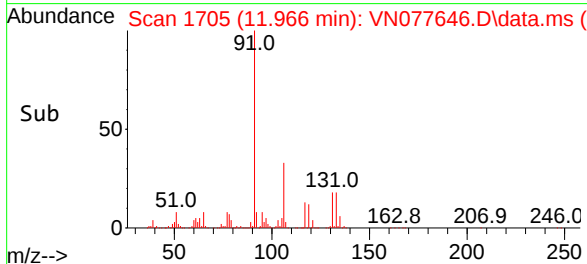
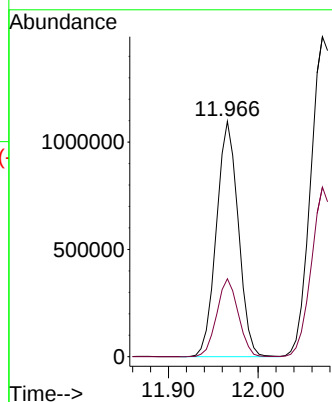
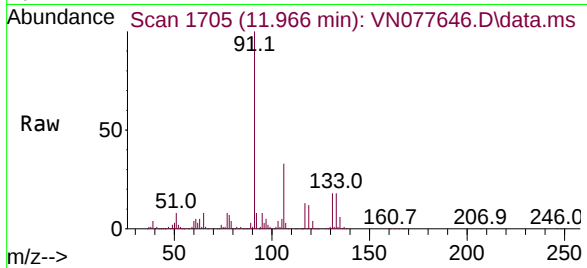




#67
Ethyl Benzene
Concen: 48.653 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

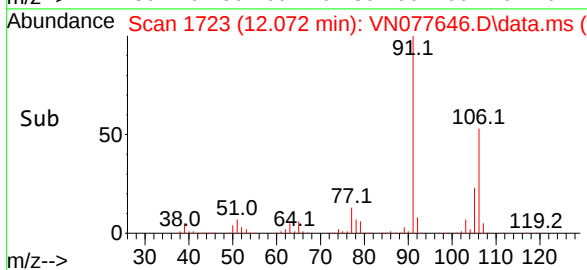
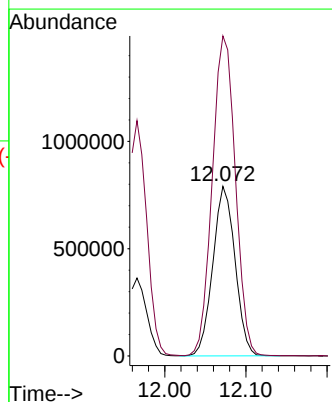
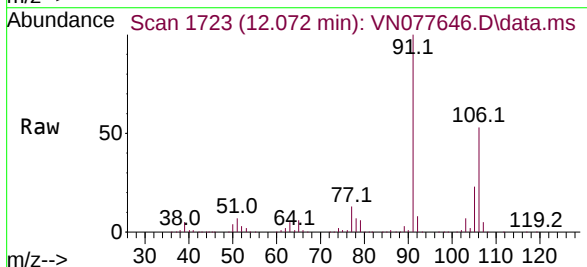
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

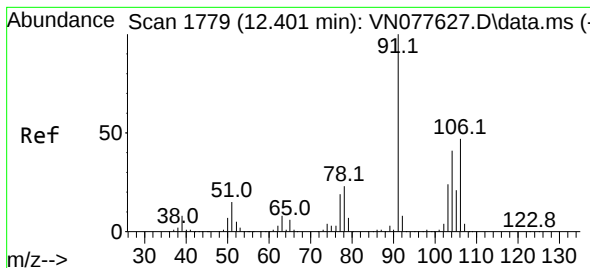
Tgt Ion: 91 Resp: 1855925
Ion Ratio Lower Upper
91 100
106 33.1 25.6 38.4



#68
m/p-Xylenes
Concen: 99.415 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:106 Resp: 1501523
Ion Ratio Lower Upper
106 100
91 197.0 159.6 239.4

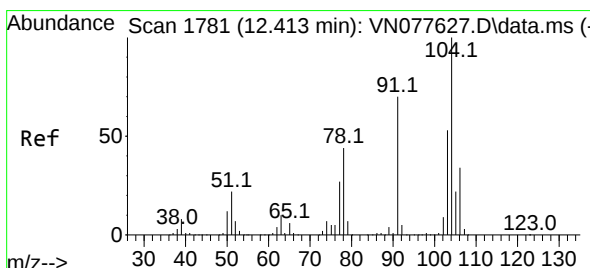
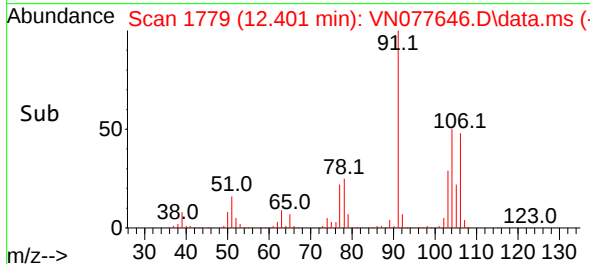
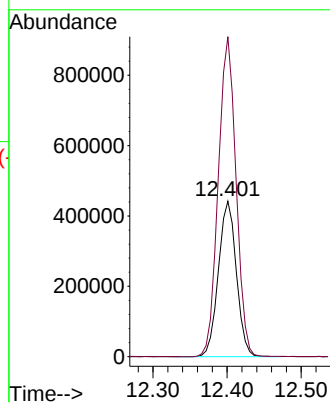
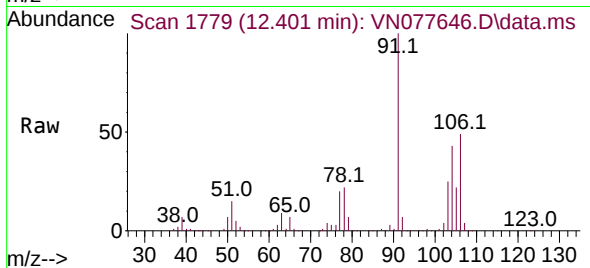




#69
o-Xylene
Concen: 49.142 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

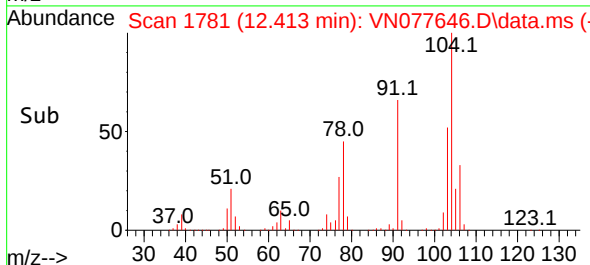
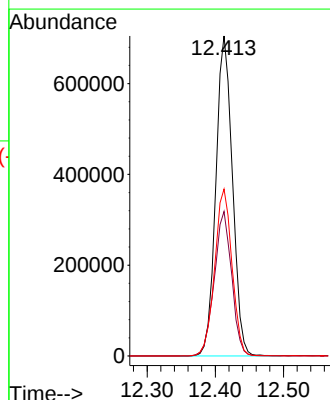
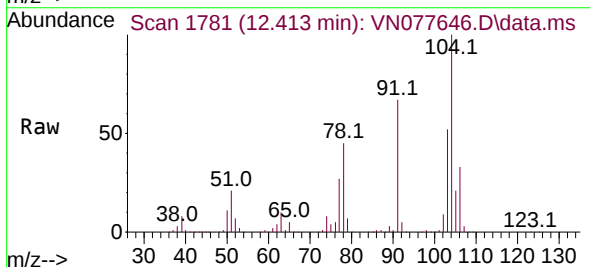
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

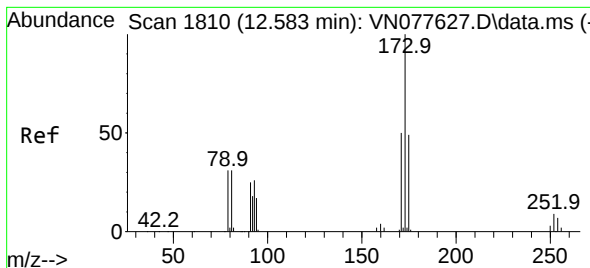
Tgt Ion:106 Resp: 743950
Ion Ratio Lower Upper
106 100
91 203.9 105.2 315.5



#70
Styrene
Concen: 51.489 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:104 Resp: 1193779
Ion Ratio Lower Upper
104 100
78 47.3 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 51.926 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

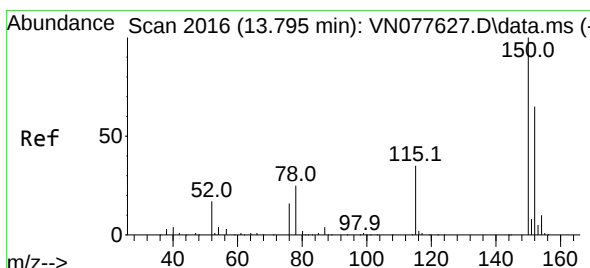
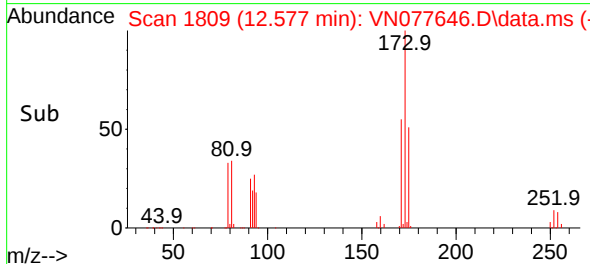
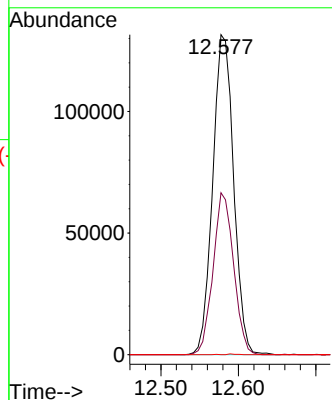
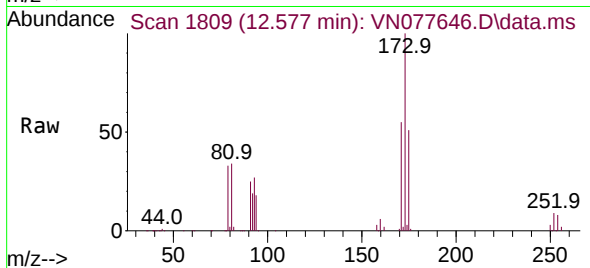
Tgt Ion:173 Resp: 246676

Ion Ratio Lower Upper

173 100

175 49.7 24.3 73.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

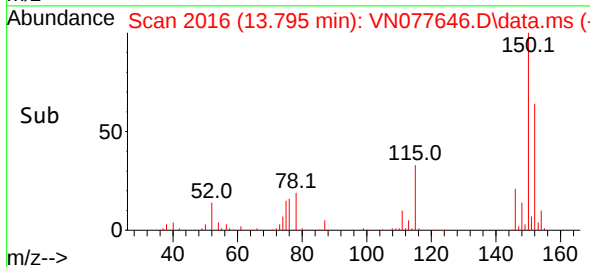
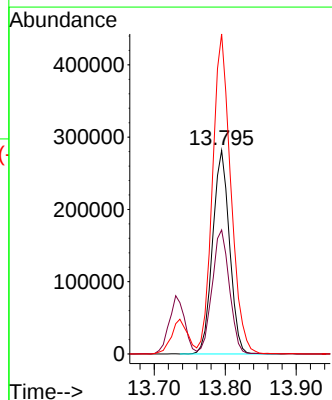
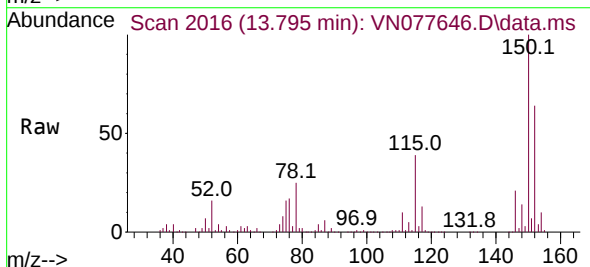
Tgt Ion:152 Resp: 464025

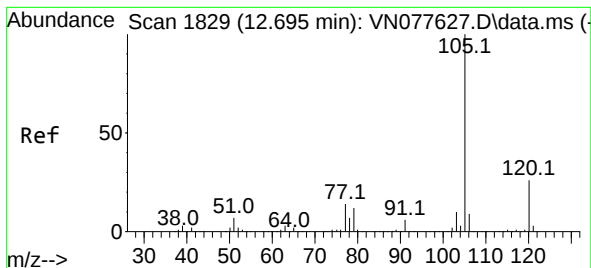
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 170.0 0.0 355.8





#73

Isopropylbenzene

Concen: 46.060 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

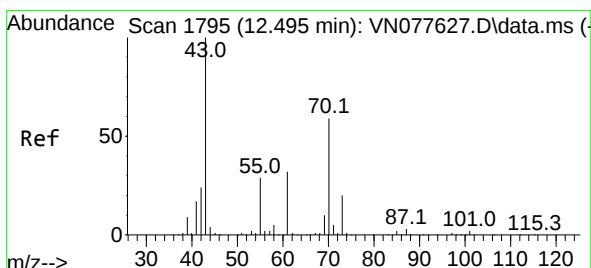
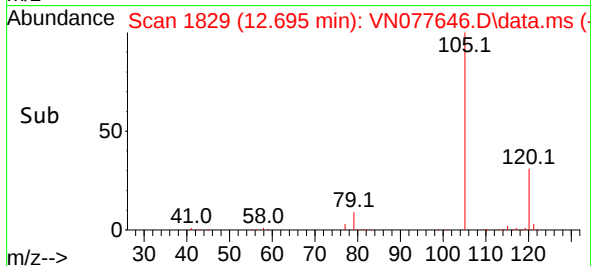
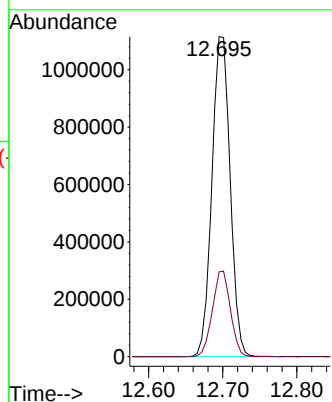
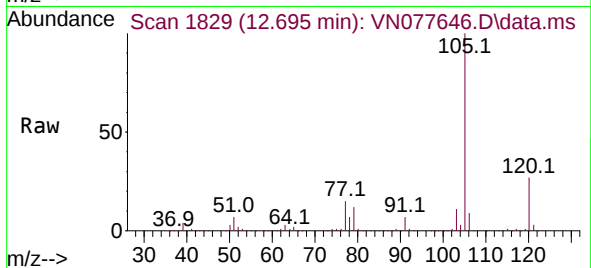
VSTDCCC050EC

Tgt Ion:105 Resp: 1906641

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1



#74

N-ethyl acetate

Concen: 45.564 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Tgt Ion: 43 Resp: 416243

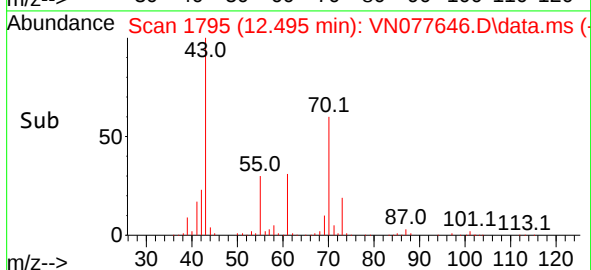
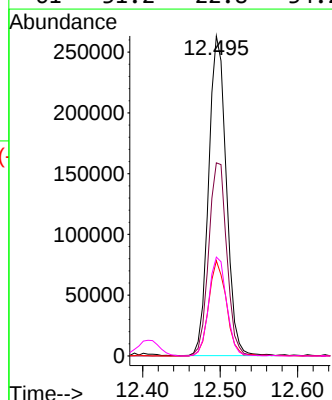
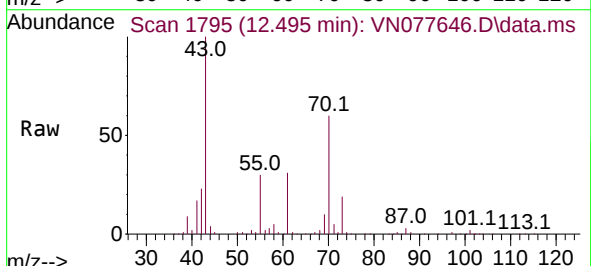
Ion Ratio Lower Upper

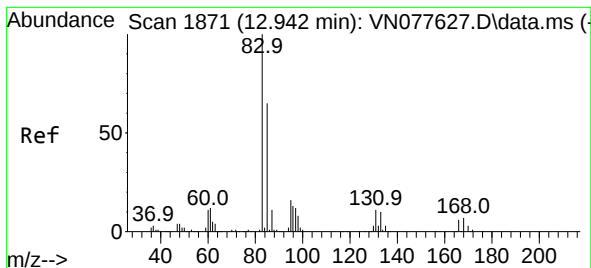
43 100

70 62.0 43.4 65.2

55 29.9 21.4 32.0

61 31.2 22.8 34.2

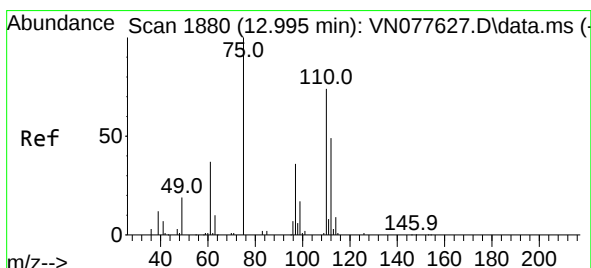
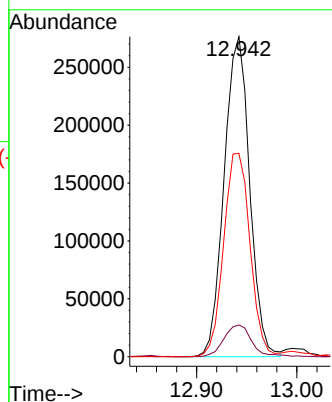
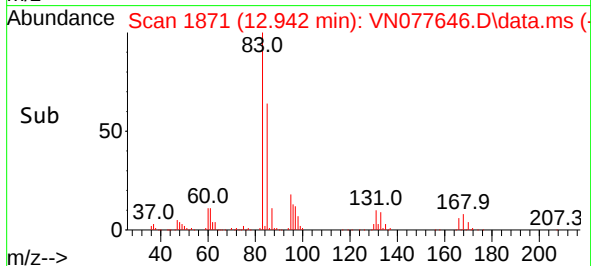
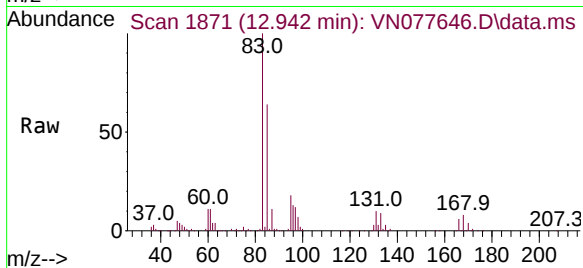




#75
1,1,2-Tetrachloroethane
Concen: 43.047 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

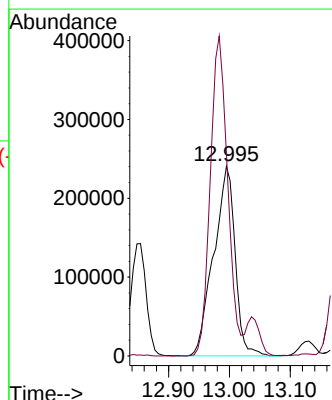
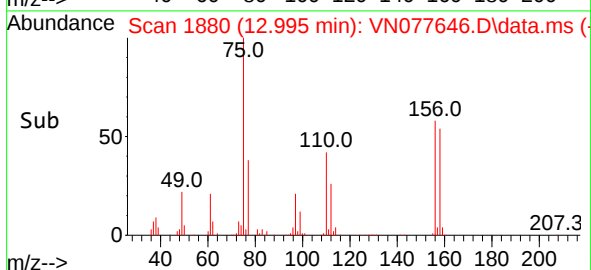
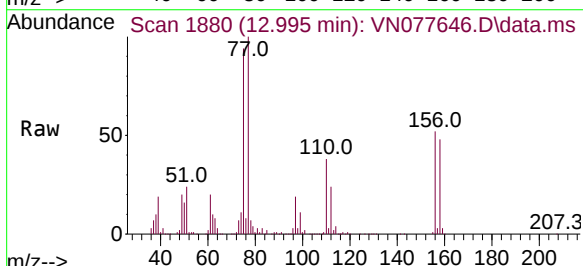
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

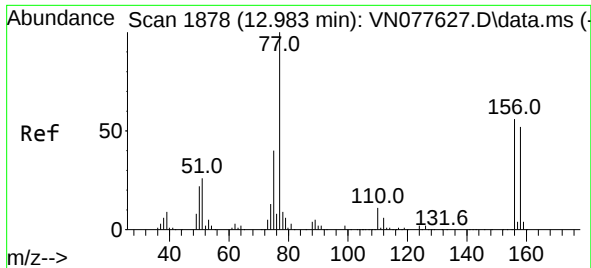
Tgt Ion: 83 Resp: 489857
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 65.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 61.471 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 75 Resp: 588634
Ion Ratio Lower Upper
75 100
77 136.5 84.5 253.5

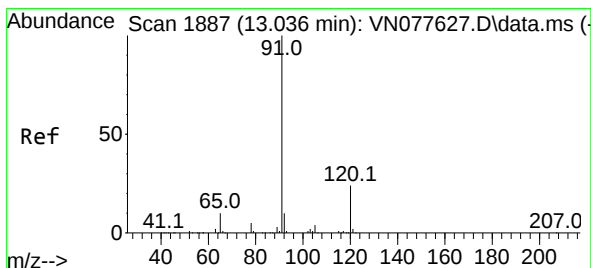
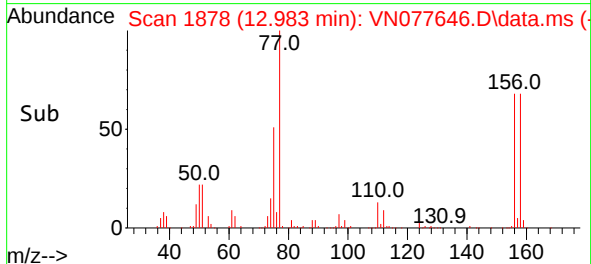
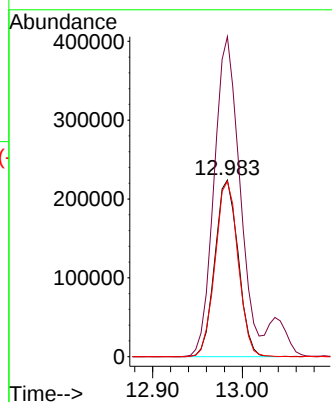
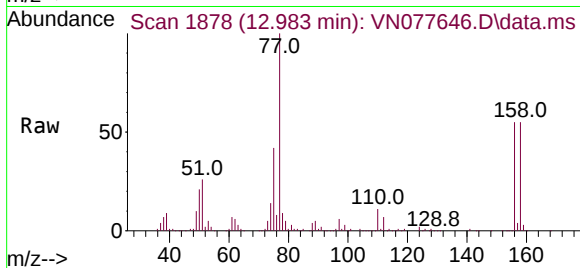




#77
Bromobenzene
Concen: 44.012 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

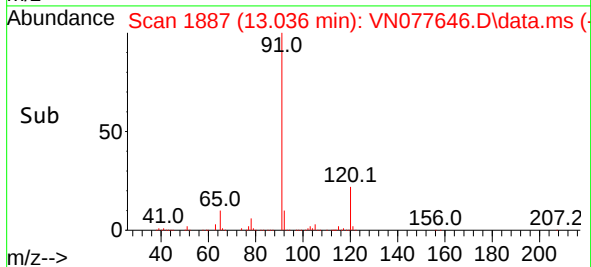
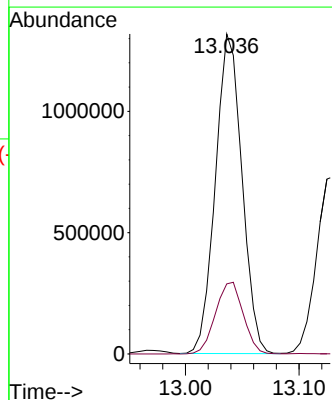
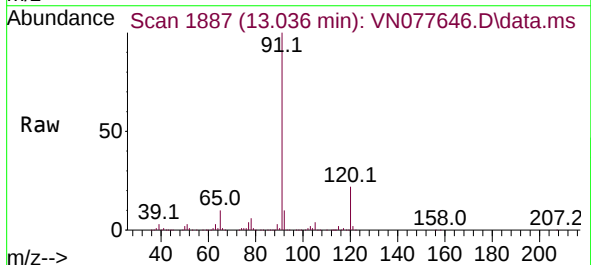
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

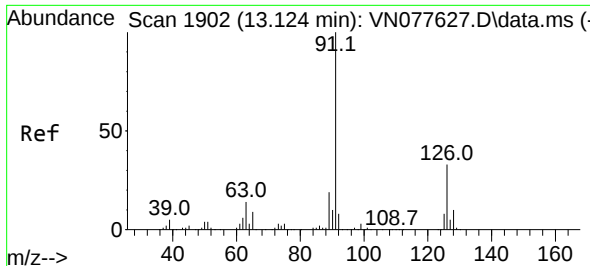
Tgt Ion:156 Resp: 403485
Ion Ratio Lower Upper
156 100
77 199.1 107.7 323.3
158 98.1 48.4 145.3



#78
n-propylbenzene
Concen: 48.109 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 91 Resp: 2137686
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4

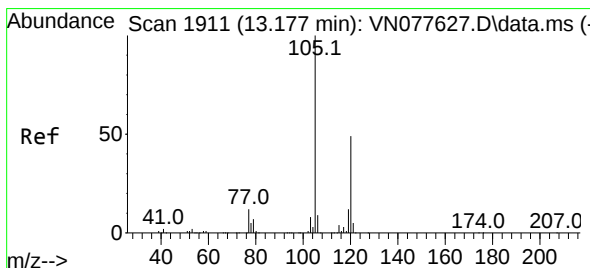
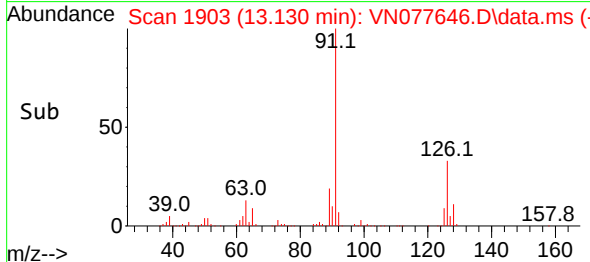
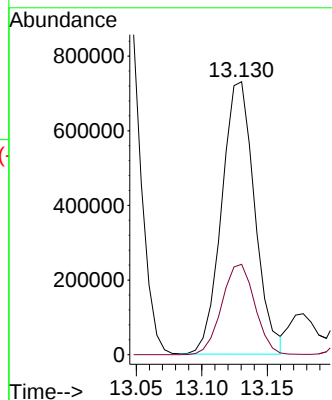
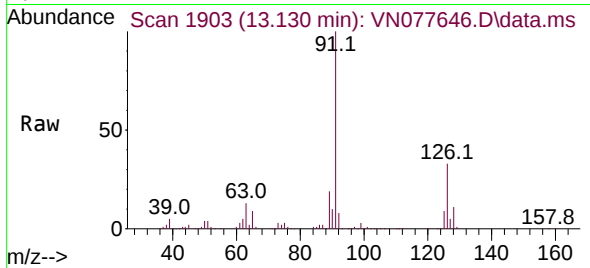




#79
2-Chlorotoluene
Concen: 45.198 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

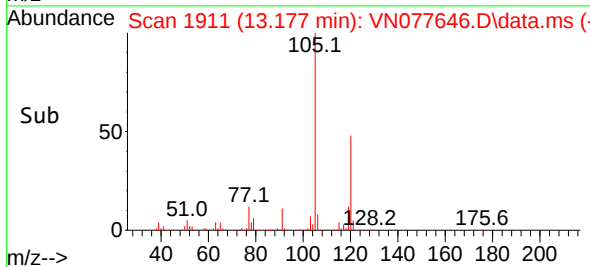
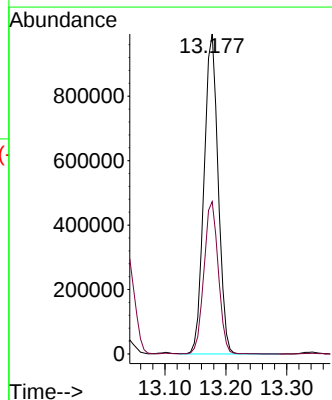
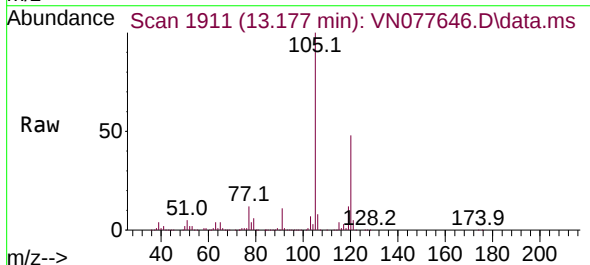
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

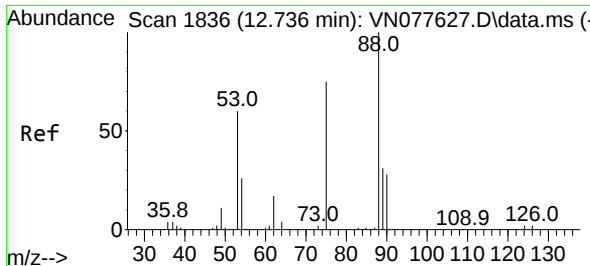
Tgt Ion: 91 Resp: 1279150
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.474 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 105 Resp: 1598423
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

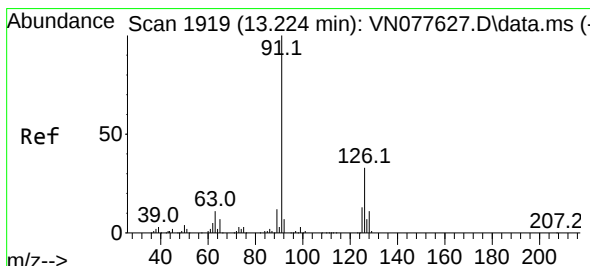
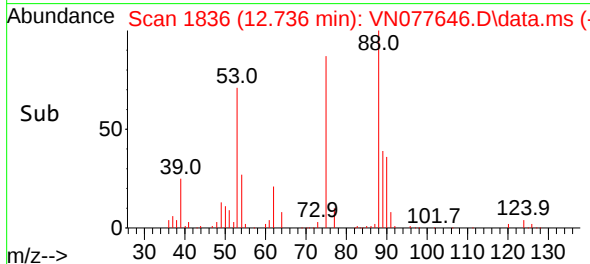
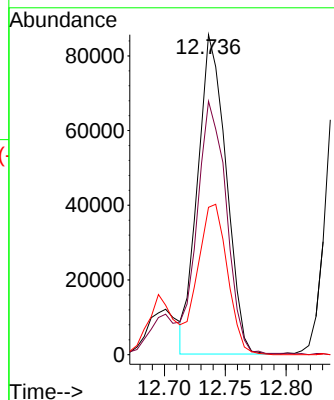
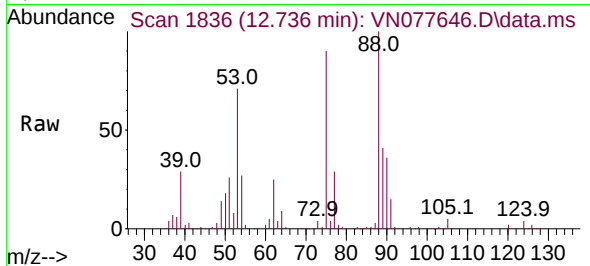




#81
trans-1,4-Dichloro-2-butene
Concen: 46.096 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

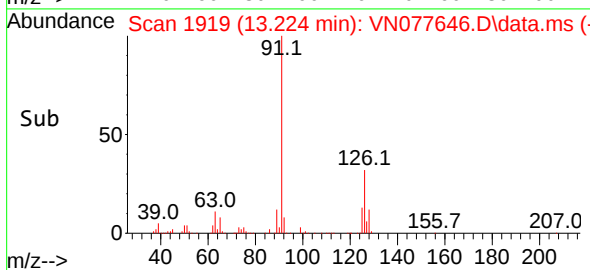
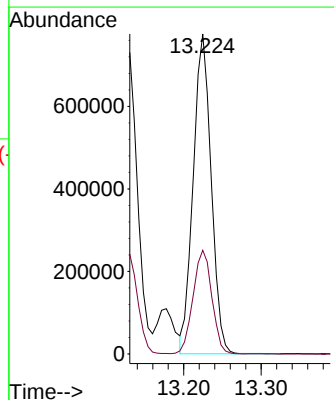
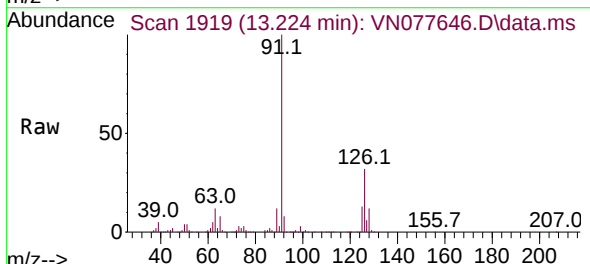
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

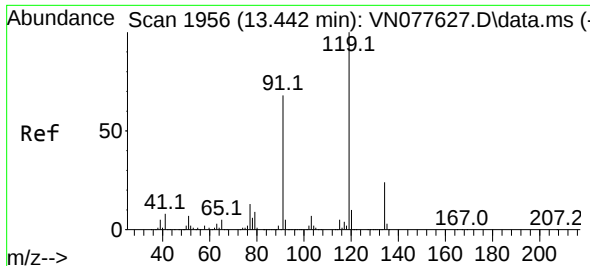
Tgt Ion: 75 Resp: 138628
Ion Ratio Lower Upper
75 100
53 83.8 67.4 101.2
89 49.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 46.930 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 91 Resp: 1245576
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0

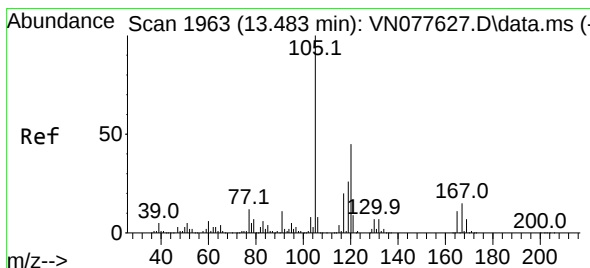
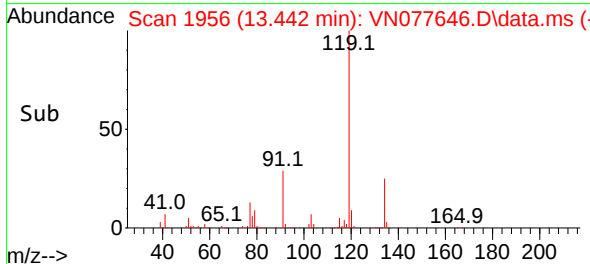
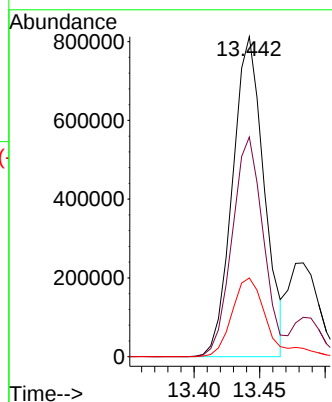
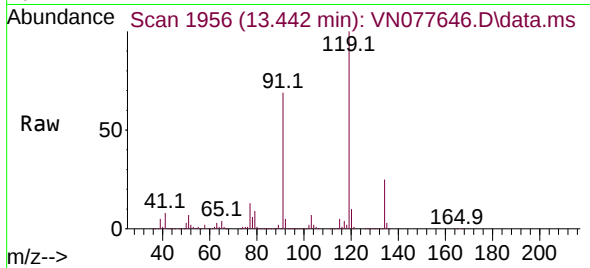




#83
tert-Butylbenzene
Concen: 45.785 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

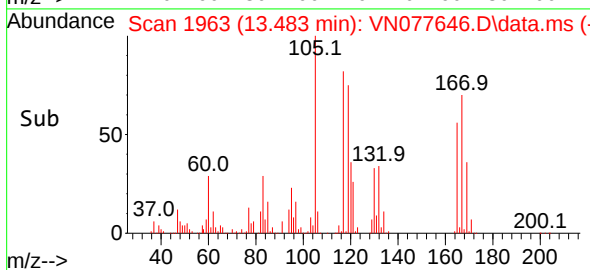
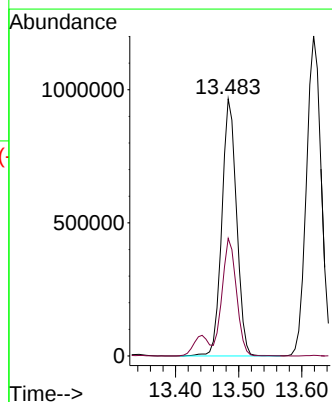
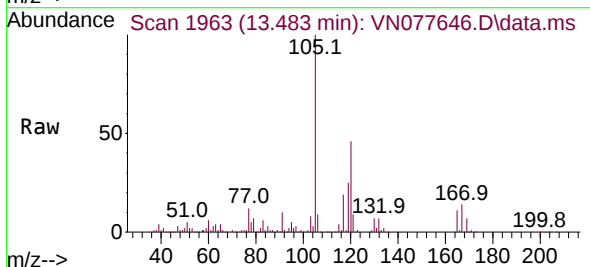
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

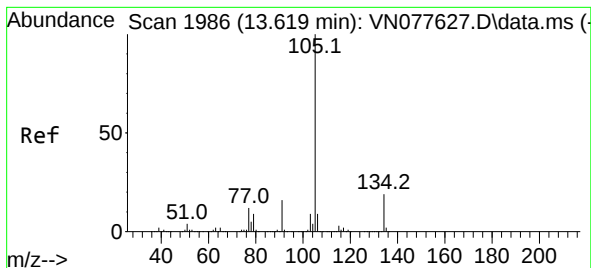
Tgt Ion:119 Resp: 1362474
Ion Ratio Lower Upper
119 100
91 68.7 33.9 101.7
134 27.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 52.617 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:105 Resp: 1565934
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.876 ug/l

RT: 13.619 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

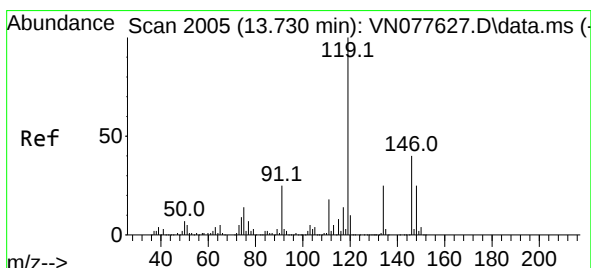
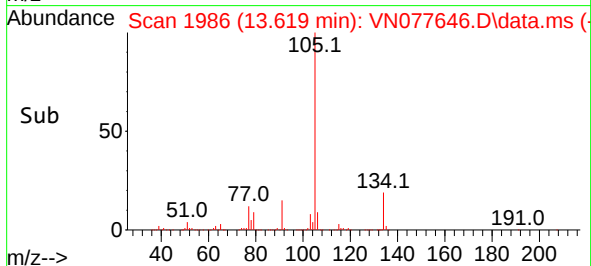
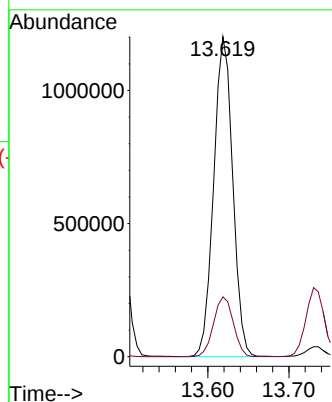
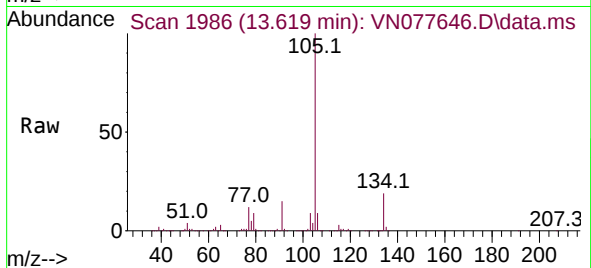
VSTDCCC050EC

Tgt Ion:105 Resp: 1957894

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.678 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

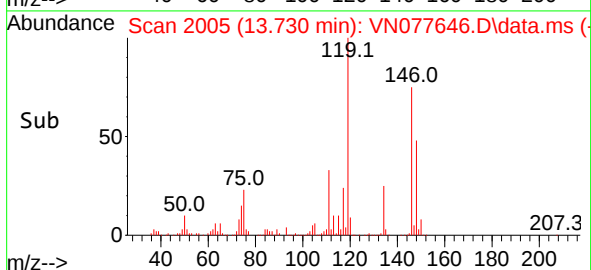
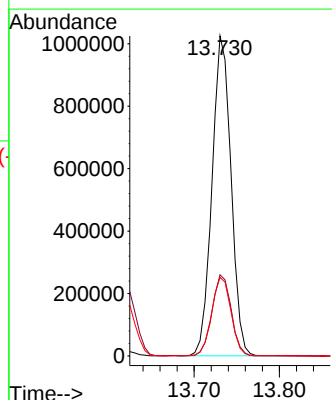
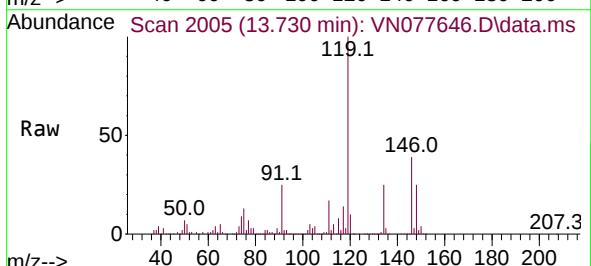
Tgt Ion:119 Resp: 1587480

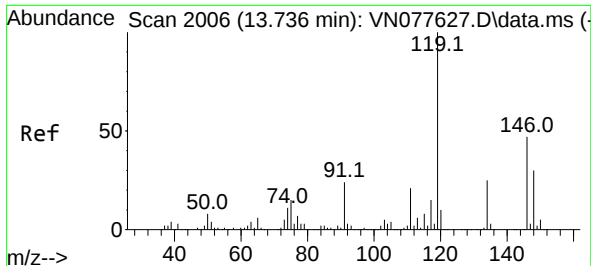
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 24.8 12.4 37.2

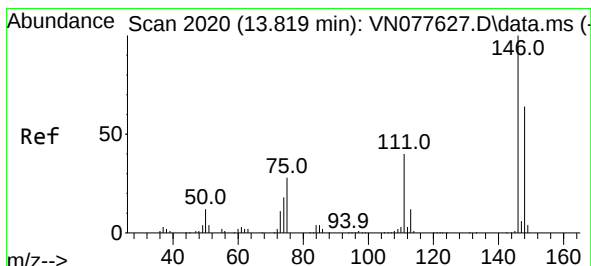
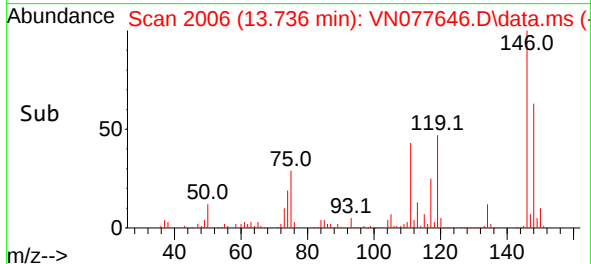
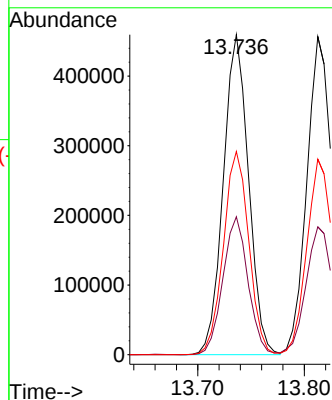
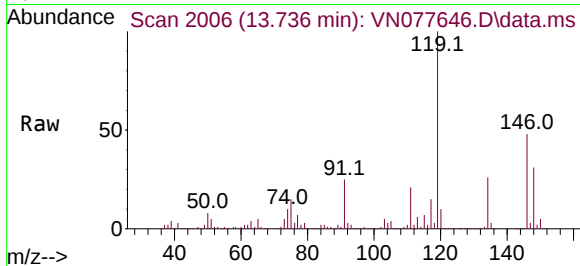




#87
 1,3-Dichlorobenzene
 Concen: 47.419 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077646.D
 Acq: 09 May 2023 20:57

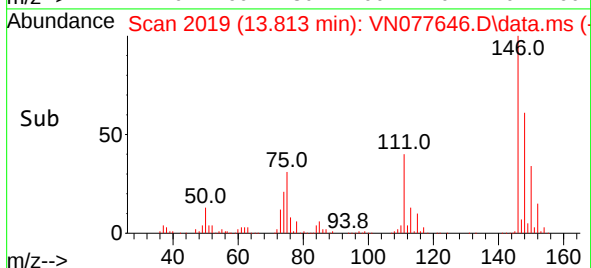
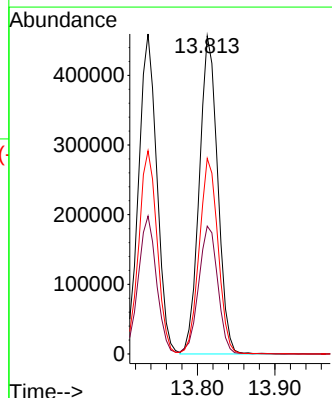
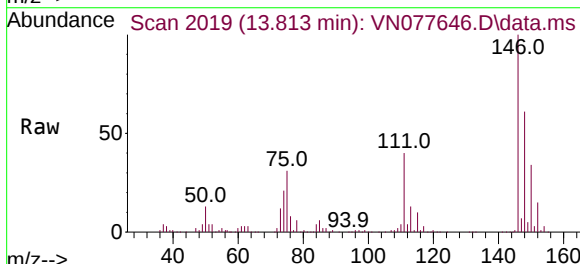
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

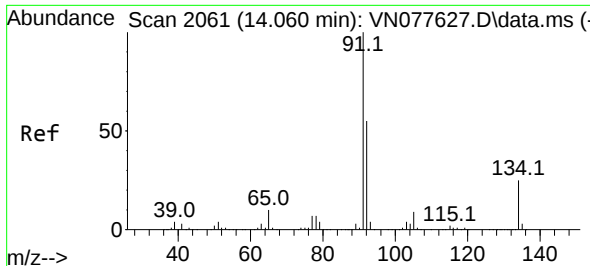
Tgt Ion:146 Resp: 755601
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.1 66.3
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.577 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: VN077646.D
 Acq: 09 May 2023 20:57

Tgt Ion:146 Resp: 753648
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.8
 148 62.7 31.6 94.8

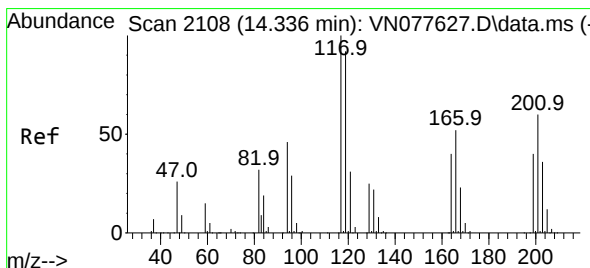
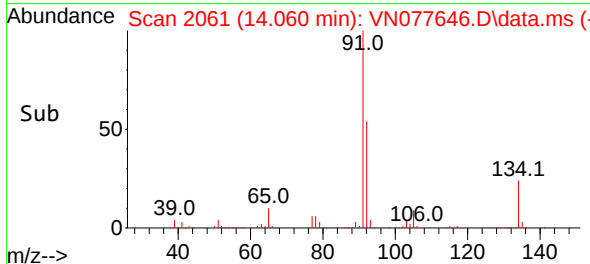
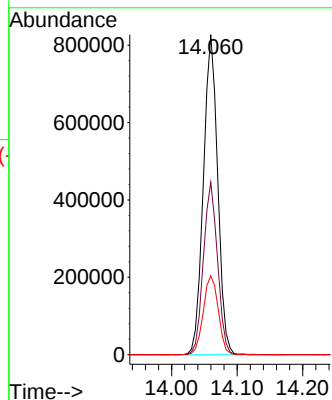
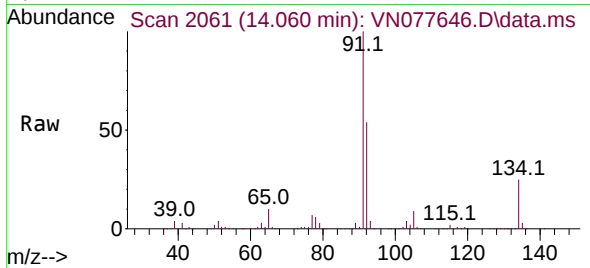




#89
n-Butylbenzene
Concen: 50.671 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

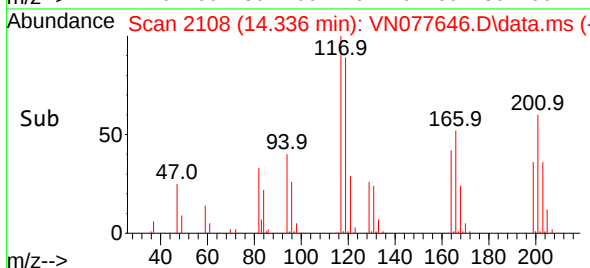
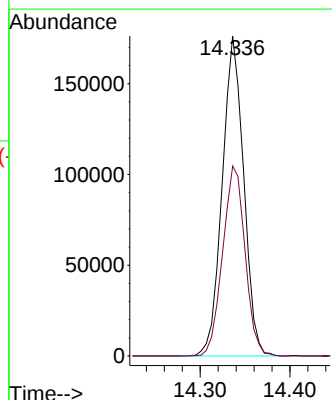
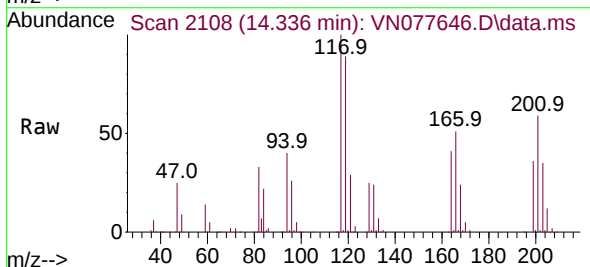
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

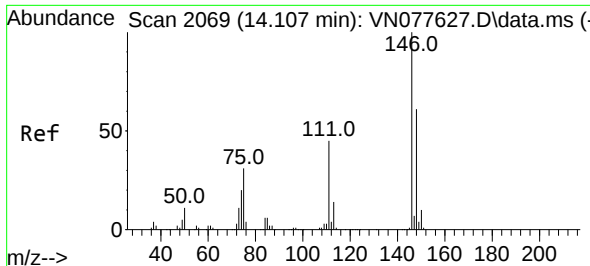
Tgt Ion: 91 Resp: 1257807
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.0
134 25.8 12.6 37.6



#90
Hexachloroethane
Concen: 48.683 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion: 117 Resp: 292458
Ion Ratio Lower Upper
117 100
201 62.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 46.000 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

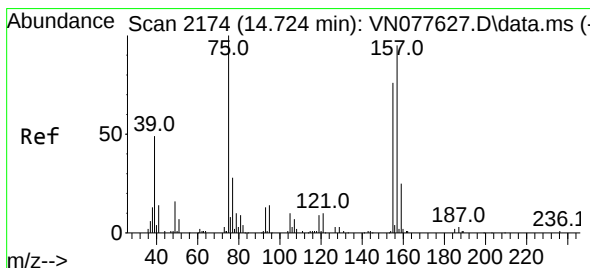
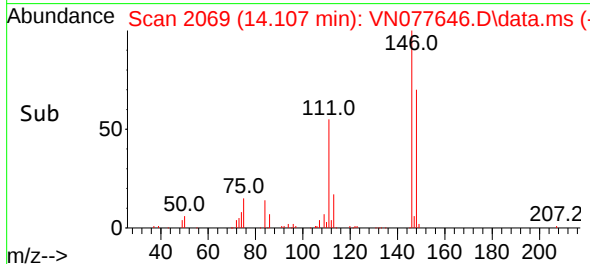
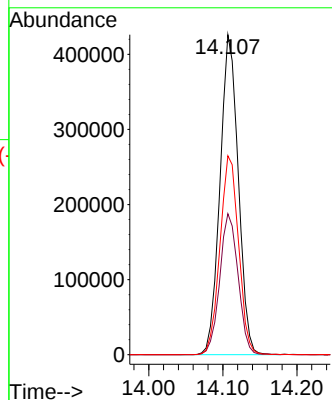
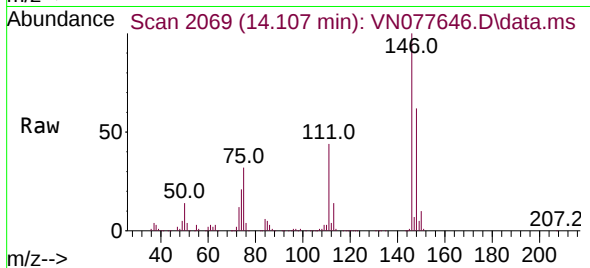
Tgt Ion:146 Resp: 728752

Ion Ratio Lower Upper

146 100

111 44.4 22.0 66.0

148 63.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.187 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

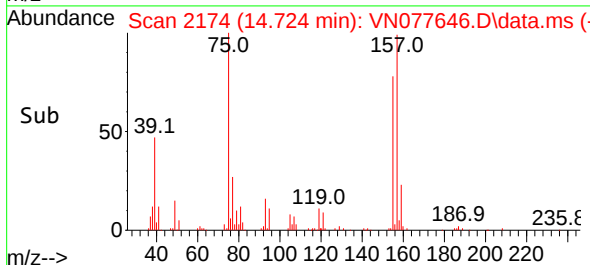
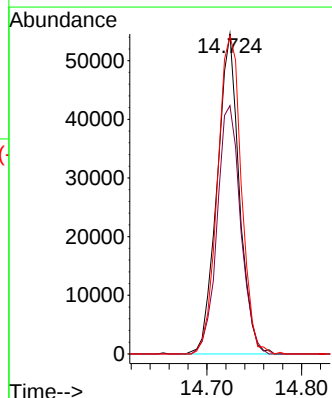
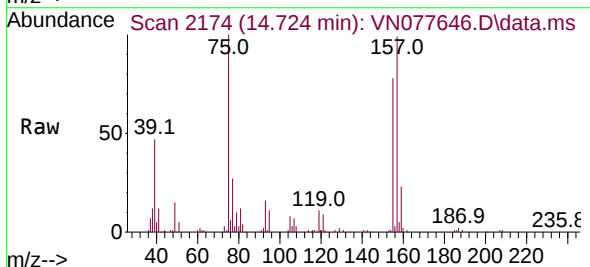
Tgt Ion: 75 Resp: 88986

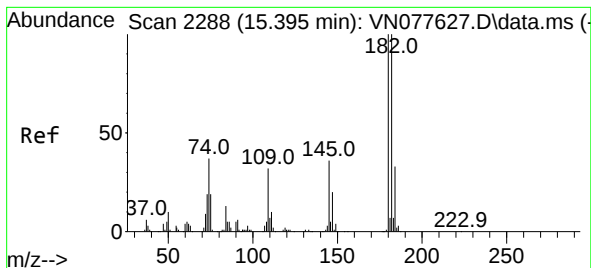
Ion Ratio Lower Upper

75 100

155 82.1 39.1 117.2

157 106.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 41.810 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

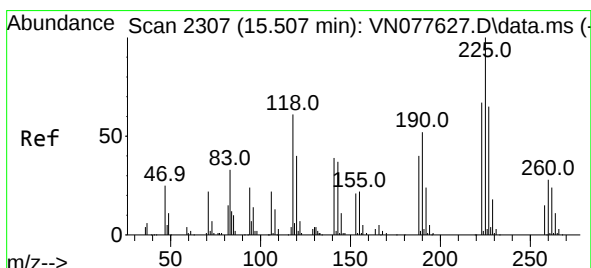
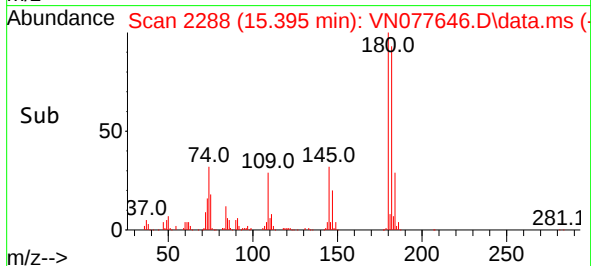
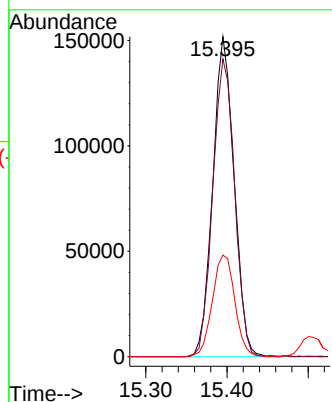
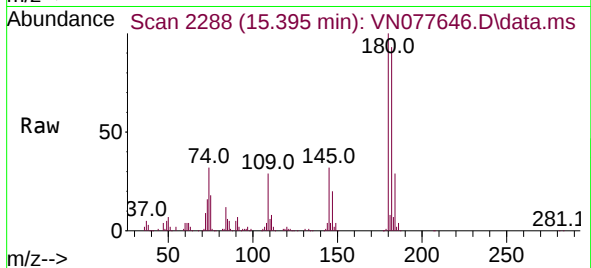
Tgt Ion:180 Resp: 277362

Ion Ratio Lower Upper

180 100

182 95.2 46.1 138.2

145 33.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 45.762 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077646.D

Acq: 09 May 2023 20:57

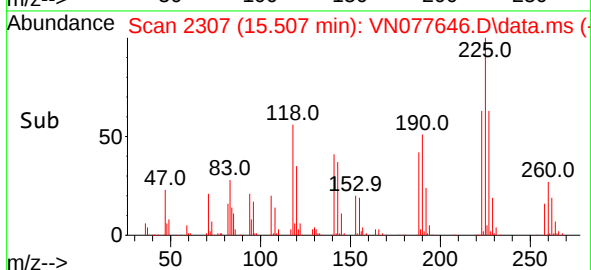
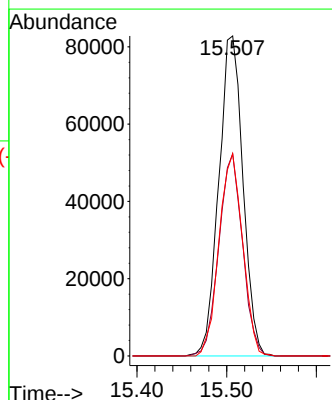
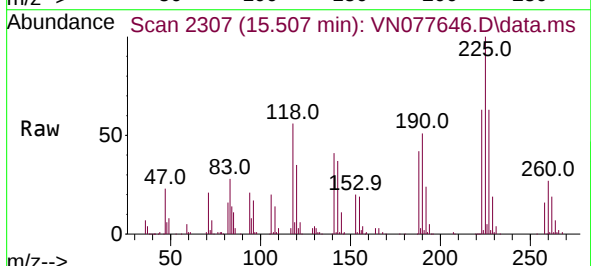
Tgt Ion:225 Resp: 154894

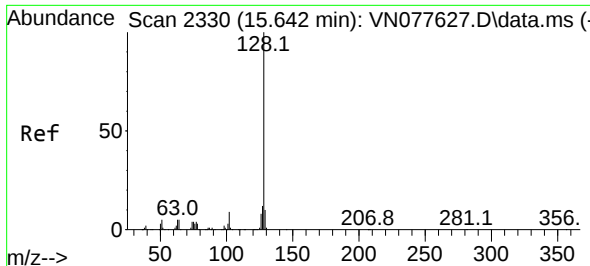
Ion Ratio Lower Upper

225 100

223 61.7 31.3 93.8

227 61.8 31.9 95.9

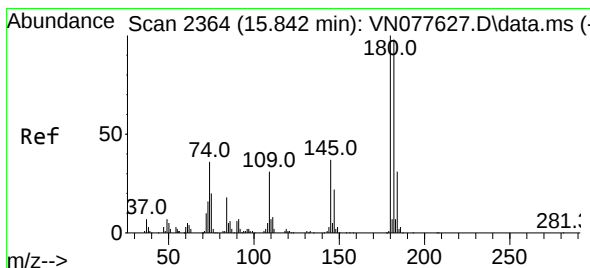
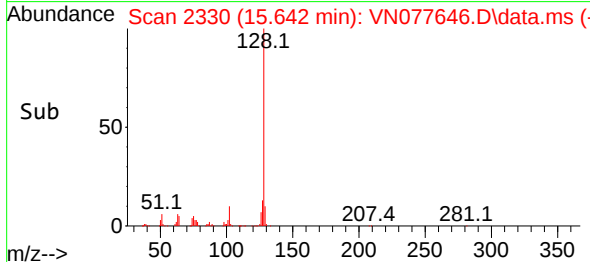
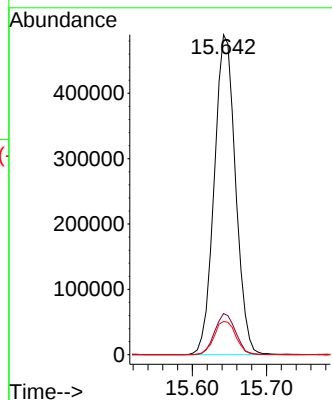
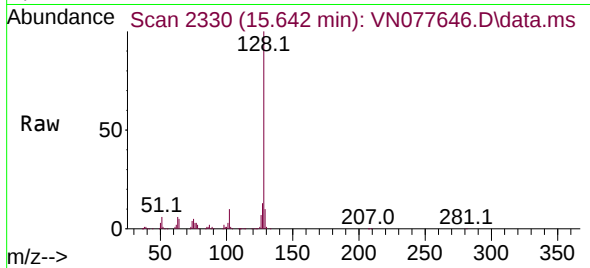




#95
Naphthalene
Concen: 42.470 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 976109
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 41.212 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077646.D
Acq: 09 May 2023 20:57

Tgt Ion:180 Resp: 254254
Ion Ratio Lower Upper
180 100
182 97.5 46.2 138.6
145 36.4 17.5 52.6

