

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077588.D
 Acq On : 04 May 2023 19:02
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 05 04:12:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	658327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1340816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1168963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	452598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	503967	58.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.340%
35) Dibromofluoromethane	8.172	113	467331	57.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.980%
50) Toluene-d8	10.572	98	1522038	49.279	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.848	95	532607	52.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	192136	23.031	ug/l	100
3) Chloromethane	2.372	50	246910	37.416	ug/l	92
4) Vinyl Chloride	2.525	62	308294	35.070	ug/l	99
5) Bromomethane	2.949	94	317467	41.690	ug/l	96
6) Chloroethane	3.125	64	235808	35.307	ug/l	95
7) Trichlorofluoromethane	3.507	101	378020	29.257	ug/l	99
8) Diethyl Ether	3.966	74	256011	54.526	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	198353	26.396	ug/l	97
10) Methyl Iodide	4.601	142	456410	49.438	ug/l	98
11) Tert butyl alcohol	5.537	59	364509	264.317	ug/l	99
12) 1,1-Dichloroethene	4.354	96	266010	36.208	ug/l	88
13) Acrolein	4.190	56	323325	235.680	ug/l	99
14) Allyl chloride	5.031	41	327648	40.114	ug/l	93
15) Acrylonitrile	5.731	53	867508	277.294	ug/l	98
16) Acetone	4.437	43	616600	225.616	ug/l	95
17) Carbon Disulfide	4.725	76	562149	30.113	ug/l	100
18) Methyl Acetate	5.031	43	564539	53.491	ug/l	92
19) Methyl tert-butyl Ether	5.807	73	1412963	57.831	ug/l	97
20) Methylene Chloride	5.284	84	440015	50.769	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	348312	43.845	ug/l	96
22) Diisopropyl ether	6.684	45	900808	48.053	ug/l #	93
23) Vinyl Acetate	6.613	43	2772410	236.810	ug/l	94
24) 1,1-Dichloroethane	6.572	63	630723	47.531	ug/l	99
25) 2-Butanone	7.489	43	964489	248.820	ug/l	92
26) 2,2-Dichloropropane	7.495	77	328956	25.567	ug/l	92
27) cis-1,2-Dichloroethene	7.489	96	481555	51.183	ug/l	87
28) Bromochloromethane	7.819	49	250848	49.503	ug/l #	75
29) Tetrahydrofuran	7.842	42	626918	258.132	ug/l	90
30) Chloroform	7.972	83	800619	53.537	ug/l	94
31) Cyclohexane	8.260	56	266874	21.930	ug/l #	84
32) 1,1,1-Trichloroethane	8.172	97	618719	45.002	ug/l	96
36) 1,1-Dichloropropene	8.372	75	392638	33.724	ug/l	99
37) Ethyl Acetate	7.566	43	388101	43.867	ug/l	95
38) Carbon Tetrachloride	8.366	117	452939	35.260	ug/l	95
39) Methylcyclohexane	9.601	83	344849	22.481	ug/l	96
40) Benzene	8.613	78	1560241	43.990	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	220270	47.803	ug/l	92
42) 1,2-Dichloroethane	8.678	62	589757	48.412	ug/l	96
43) Isopropyl Acetate	8.695	43	715775	46.766	ug/l	94
44) Trichloroethene	9.354	130	378592	41.689	ug/l	97
45) 1,2-Dichloropropane	9.625	63	373663	44.974	ug/l	100
46) Dibromomethane	9.713	93	346213	51.355	ug/l	94
47) Bromodichloromethane	9.889	83	654213	50.169	ug/l	98
48) Methyl methacrylate	9.683	41	308943	44.344	ug/l	87
49) 1,4-Dioxane	9.695	88	199008	1138.782	ug/l #	89
51) 4-Methyl-2-Pentanone	10.448	43	2094001	233.252	ug/l	93
52) Toluene	10.630	92	1023838	44.063	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	626591	47.453	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	661873	46.051	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	509712	54.552	ug/l	98
56) Ethyl methacrylate	10.877	69	703313	53.719	ug/l #	89
57) 1,3-Dichloropropane	11.166	76	785728	52.794	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	1082730	244.499	ug/l	92
59) 2-Hexanone	11.195	43	1508612	231.184	ug/l	91
60) Dibromochloromethane	11.360	129	544939	56.196	ug/l	100
61) 1,2-Dibromoethane	11.472	107	528151	55.366	ug/l	99
64) Tetrachloroethene	11.107	164	259406	37.071	ug/l	97
65) Chlorobenzene	11.895	112	1137045	45.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	463547	51.507	ug/l	97
67) Ethyl Benzene	11.966	91	1739294	39.942	ug/l	99
68) m/p-Xylenes	12.072	106	1414928	83.605	ug/l	96
69) o-Xylene	12.401	106	760220	45.668	ug/l	98
70) Styrene	12.413	104	1272038	48.862	ug/l	97
71) Bromoform	12.583	173	353293	60.003	ug/l #	99
73) Isopropylbenzene	12.701	105	1656072	39.431	ug/l	98
74) N-amyl acetate	12.495	43	574156	46.176	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.942	83	724355	54.891	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	806532	76.632	ug/l	63
77) Bromobenzene	12.983	156	457320	49.962	ug/l	97
78) n-propylbenzene	13.036	91	1684744	36.279	ug/l	97
79) 2-Chlorotoluene	13.124	91	1224071	42.752	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	1400865	44.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	190850	51.230	ug/l	94
82) 4-Chlorotoluene	13.224	91	1169453	43.711	ug/l	99
83) tert-Butylbenzene	13.442	119	1175335	38.804	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	1387066	47.618	ug/l	97
85) sec-Butylbenzene	13.618	105	1464775	35.232	ug/l	98
86) p-Isopropyltoluene	13.730	119	1205743	37.694	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	749333	46.032	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	746006	46.414	ug/l	98
89) n-Butylbenzene	14.060	91	857566	34.642	ug/l	98
90) Hexachloroethane	14.336	117	247502	35.022	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	798316	49.445	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	136788	56.054	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	217225	43.997	ug/l	94
94) Hexachlorobutadiene	15.507	225	106367	32.602	ug/l	97
95) Naphthalene	15.642	128	1271034	59.535	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	223983	47.199	ug/l	97

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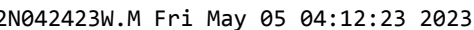
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

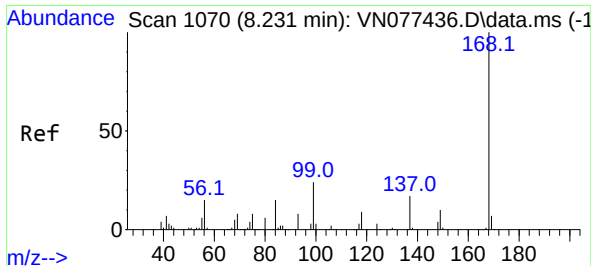
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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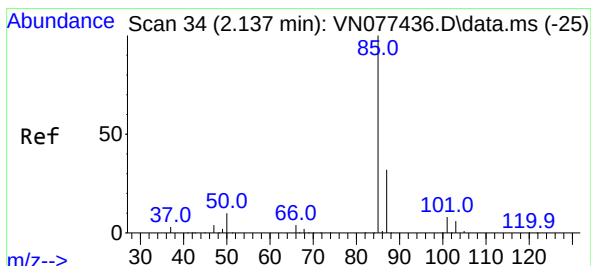
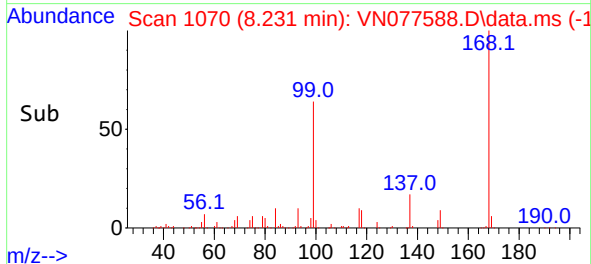
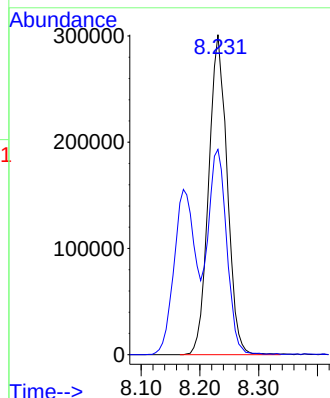
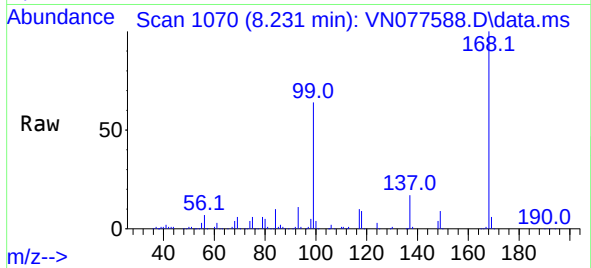




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

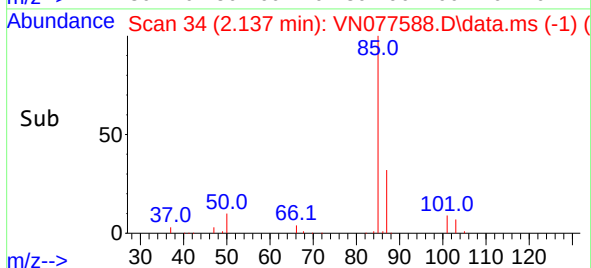
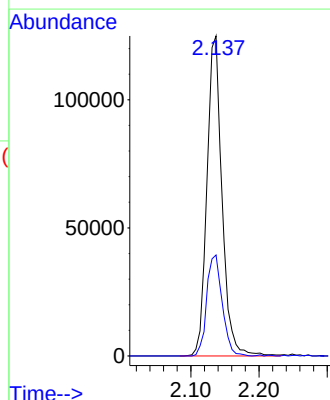
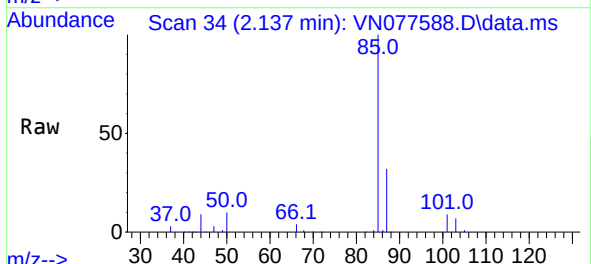
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 658327
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6

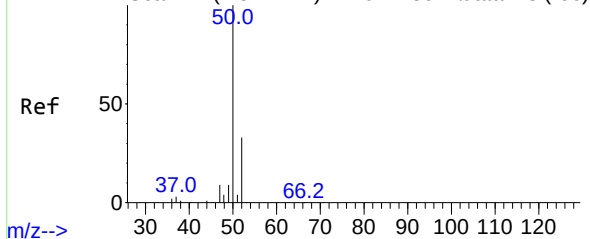


#2
Dichlorodifluoromethane
Concen: 23.031 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 85 Resp: 192136
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4



Abundance Scan 74 (2.372 min): VN077436.D\data.ms (-66)



#3

Chloromethane

Concen: 37.416 ug/l

RT: 2.372 min Scan# 74

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

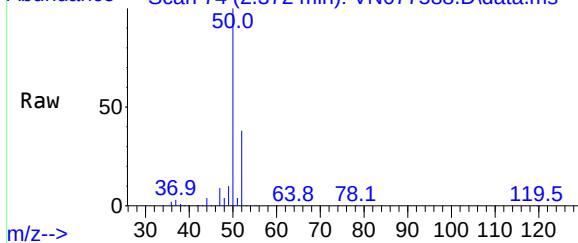
Tgt Ion: 50 Resp: 246910

Ion Ratio Lower Upper

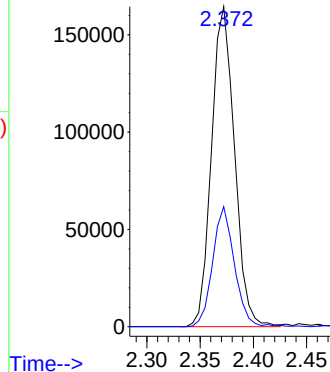
50 100

52 37.5 26.5 39.7

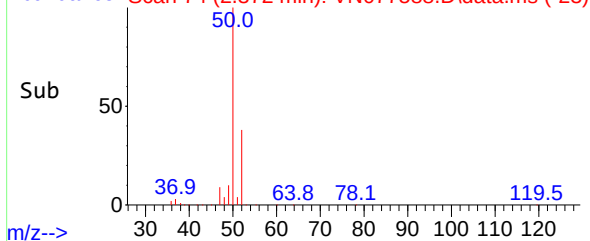
Abundance Scan 74 (2.372 min): VN077588.D\data.ms



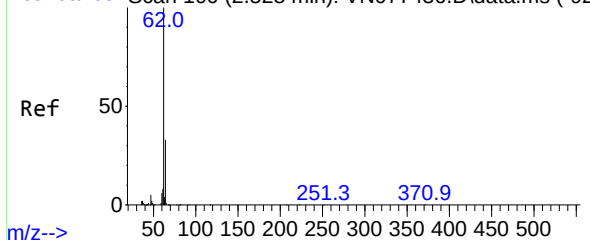
Abundance



Abundance Scan 74 (2.372 min): VN077588.D\data.ms (-23)



Abundance Scan 100 (2.525 min): VN077436.D\data.ms (-92)



#4

Vinyl Chloride

Concen: 35.070 ug/l

RT: 2.525 min Scan# 100

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

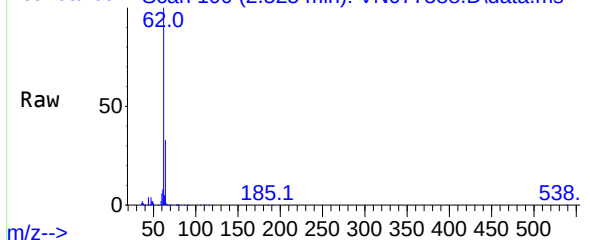
Tgt Ion: 62 Resp: 308294

Ion Ratio Lower Upper

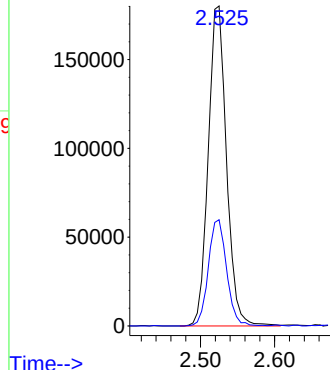
62 100

64 33.2 26.2 39.2

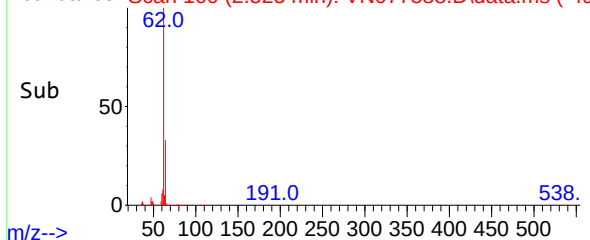
Abundance Scan 100 (2.525 min): VN077588.D\data.ms

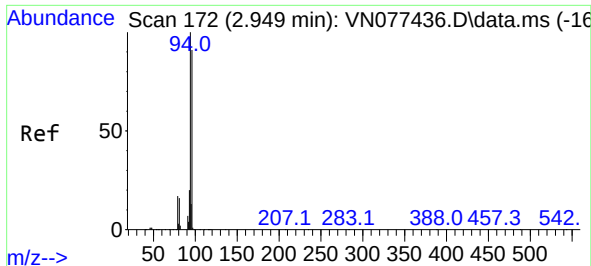


Abundance



Abundance Scan 100 (2.525 min): VN077588.D\data.ms (-49)

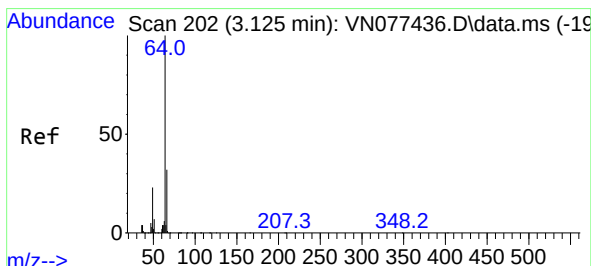
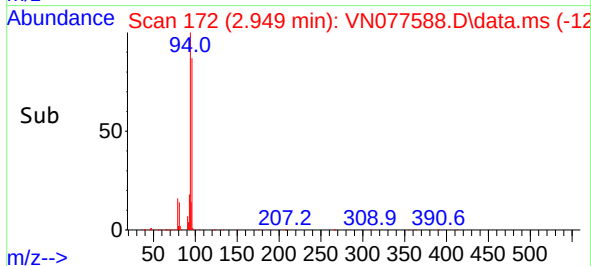
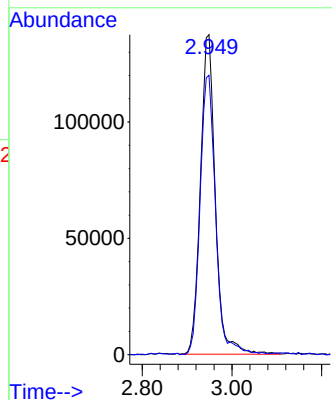
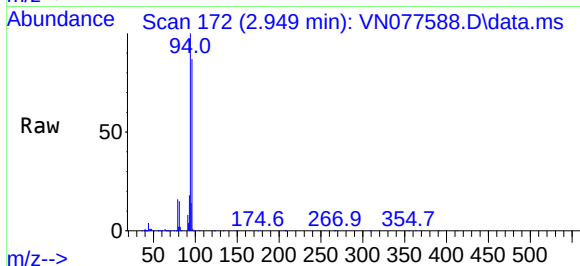




#5
Bromomethane
Concen: 41.690 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

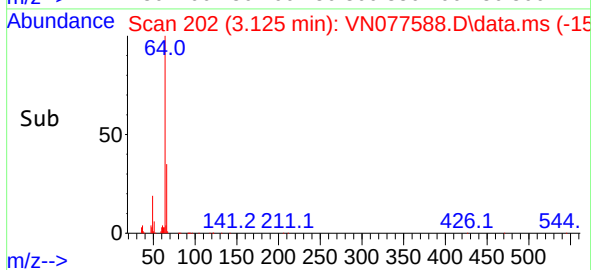
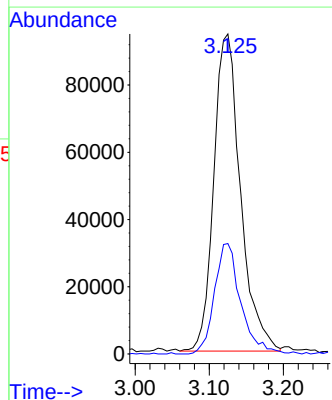
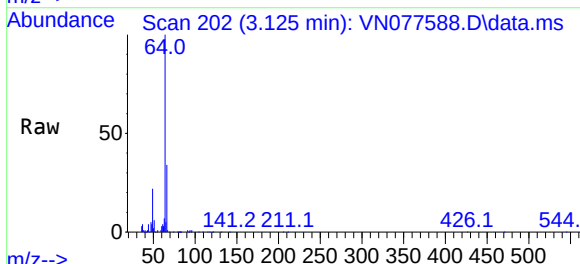
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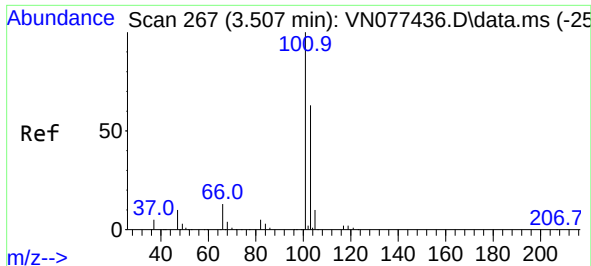
Tgt Ion: 94 Resp: 317467
Ion Ratio Lower Upper
94 100
96 87.5 73.1 109.7



#6
Chloroethane
Concen: 35.307 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 64 Resp: 235808
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.2

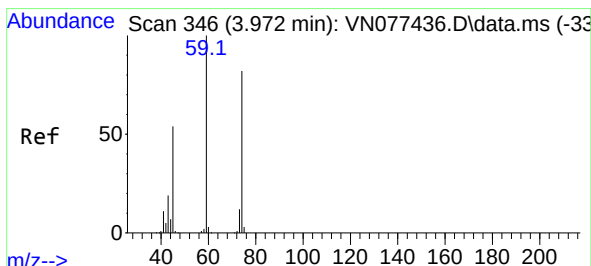
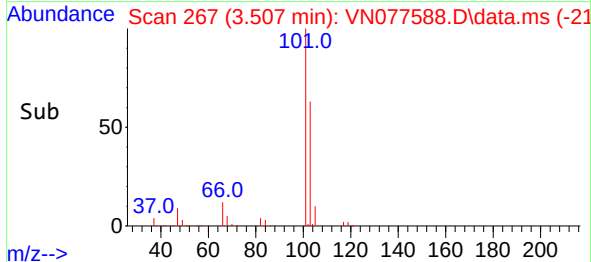
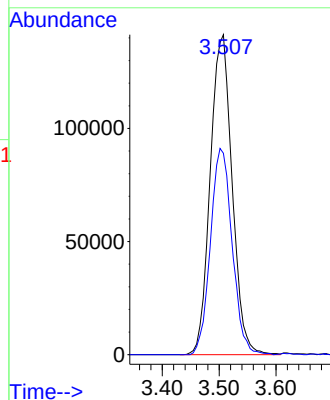
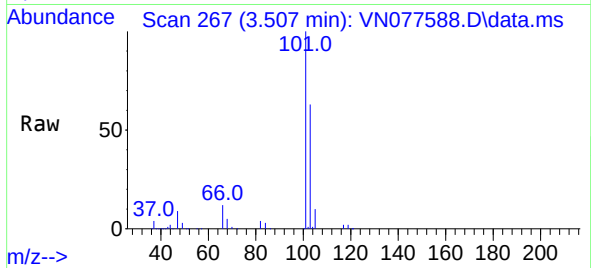




#7
Trichlorofluoromethane
Concen: 29.257 ug/l
RT: 3.507 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

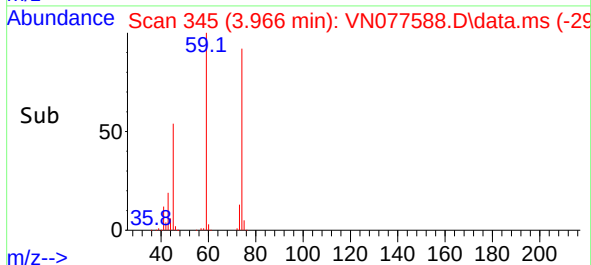
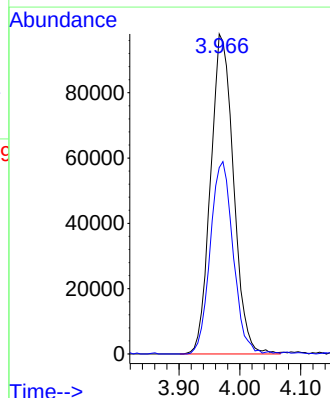
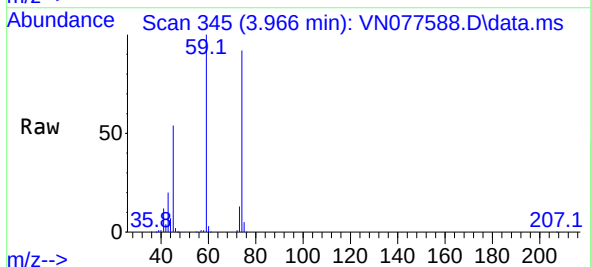
Instrument :
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VSTDCCC050EC

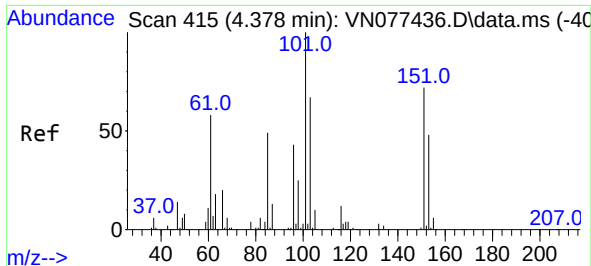
Tgt Ion:101 Resp: 378020
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1



#8
Diethyl Ether
Concen: 54.526 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 74 Resp: 256011
Ion Ratio Lower Upper
74 100
45 59.9 34.4 103.3

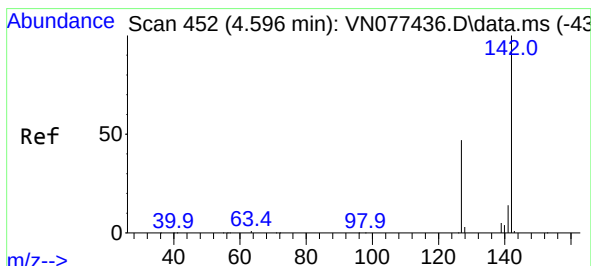
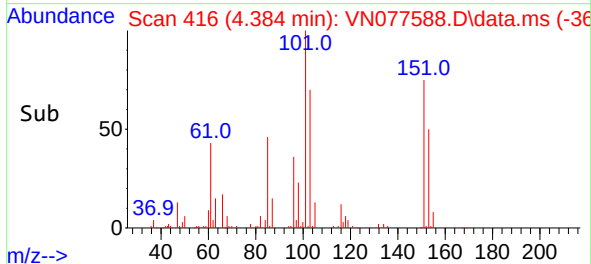
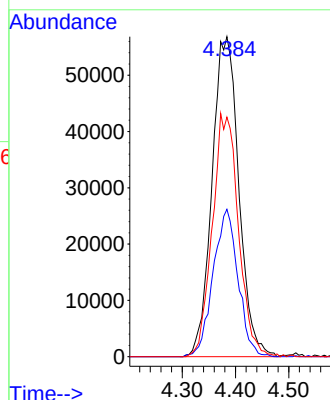
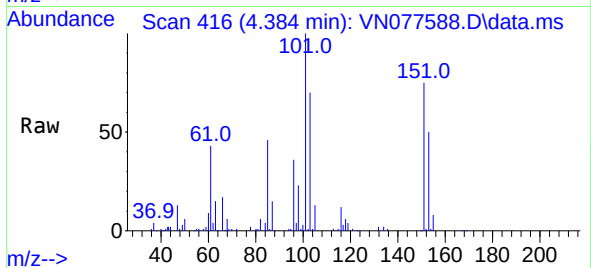




#9
1,1,2-Trichlorotrifluoroethane
Concen: 26.396 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

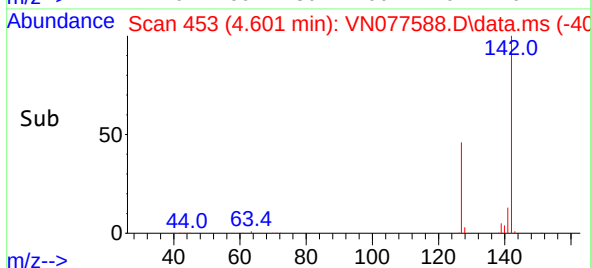
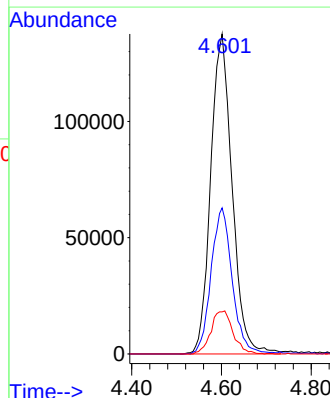
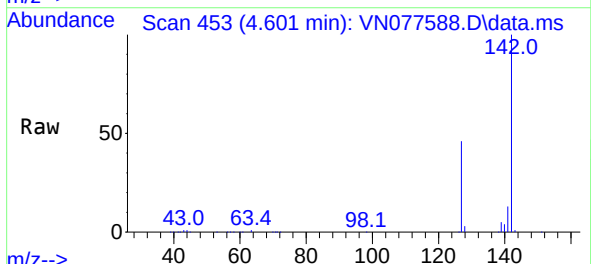
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

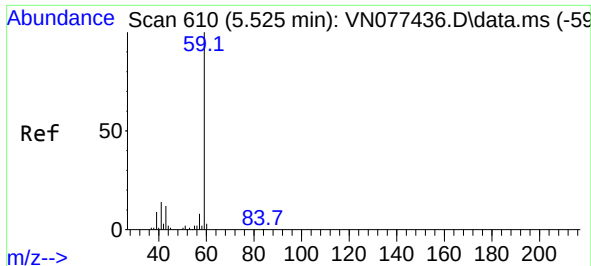
Tgt Ion:101 Resp: 198353
Ion Ratio Lower Upper
101 100
85 42.8 36.6 55.0
151 74.0 57.6 86.4



#10
Methyl Iodide
Concen: 49.438 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:142 Resp: 456410
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 13.1 11.4 17.0

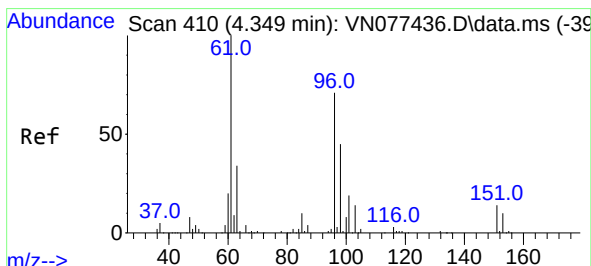
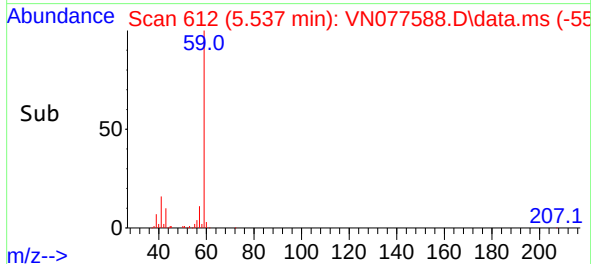
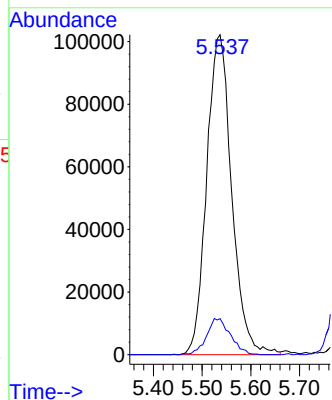
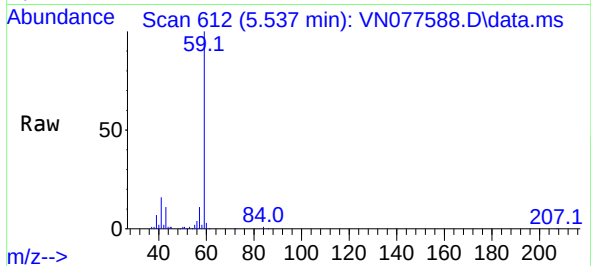




#11
Tert butyl alcohol
Concen: 264.317 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

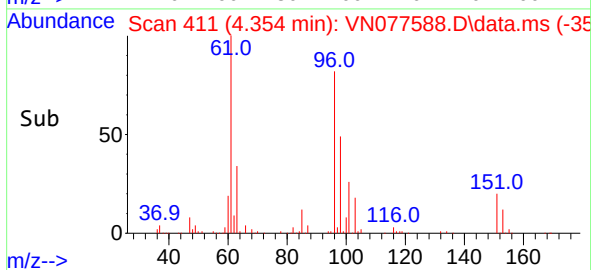
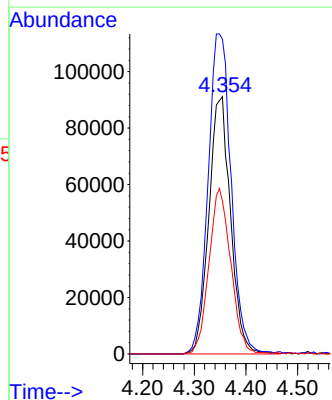
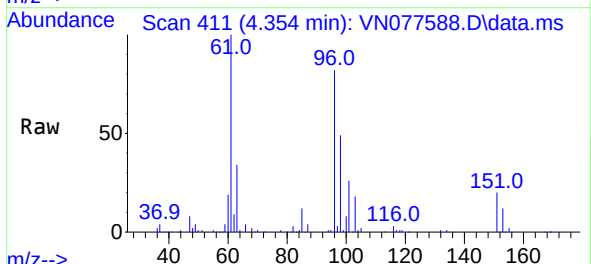
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

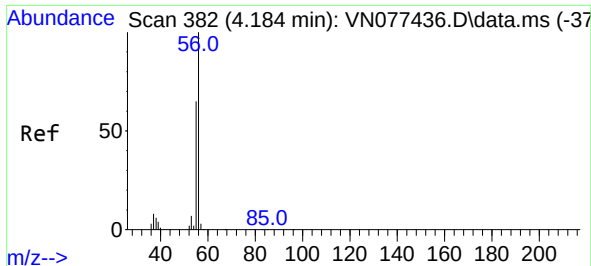
Tgt Ion: 59 Resp: 364509
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 36.208 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 96 Resp: 266010
Ion Ratio Lower Upper
96 100
61 122.3 112.7 169.1
98 59.4 51.2 76.8

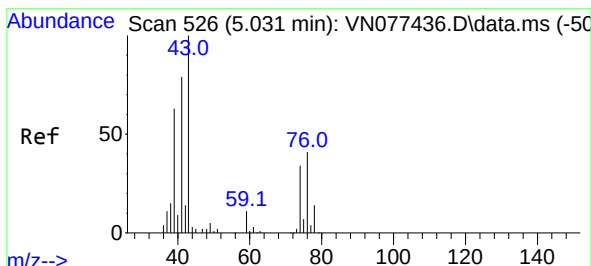
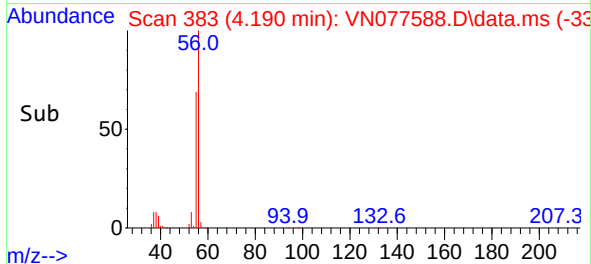
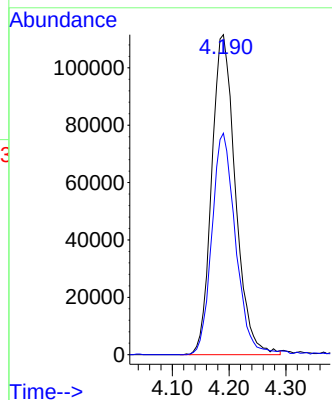
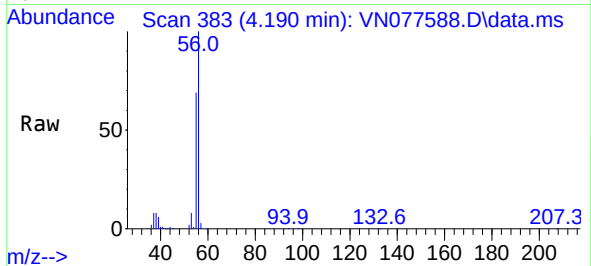




#13
Acrolein
Concen: 235.680 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

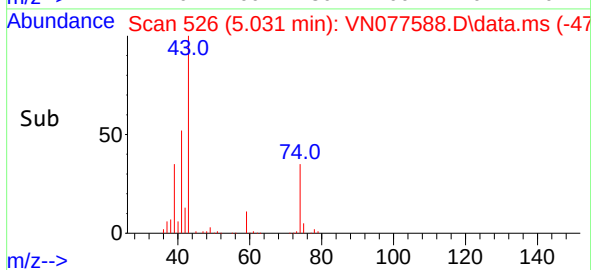
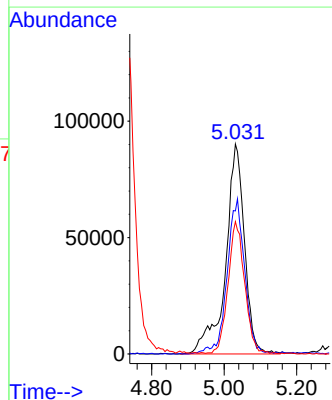
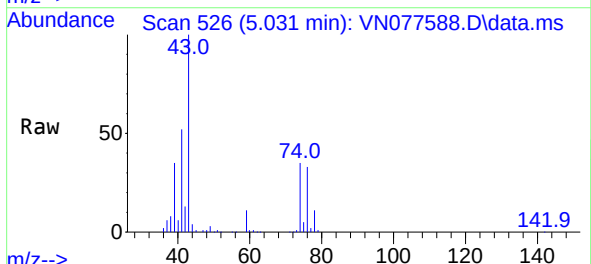
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

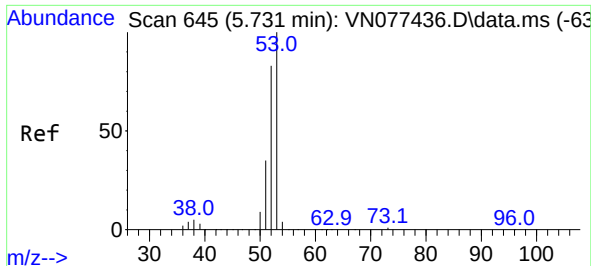
Tgt Ion: 56 Resp: 323325
Ion Ratio Lower Upper
56 100
55 68.9 54.5 81.7



#14
Allyl chloride
Concen: 40.114 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 41 Resp: 327648
Ion Ratio Lower Upper
41 100
39 68.7 58.8 88.2
76 54.7 39.1 58.7

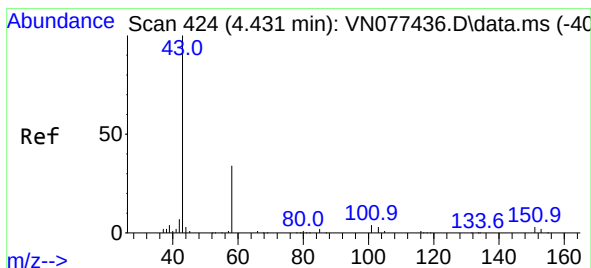
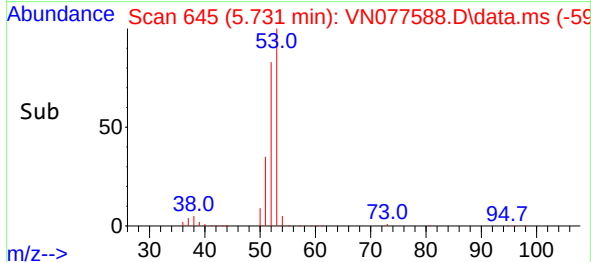
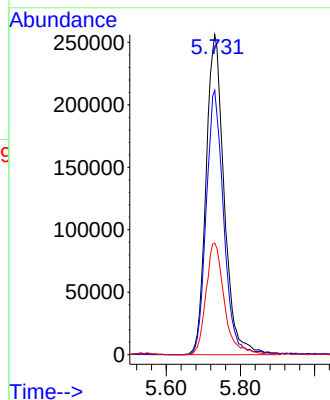
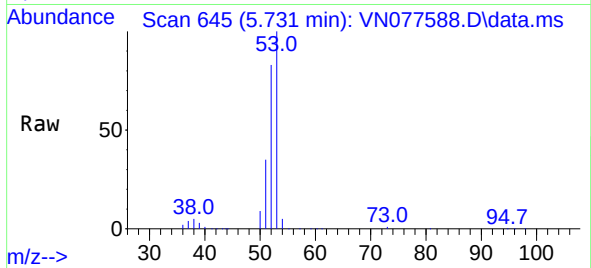




#15
Acrylonitrile
Concen: 277.294 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

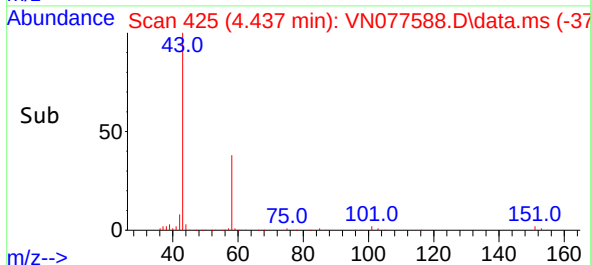
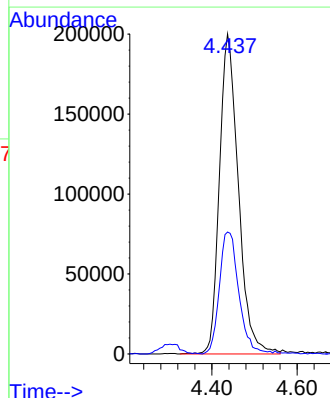
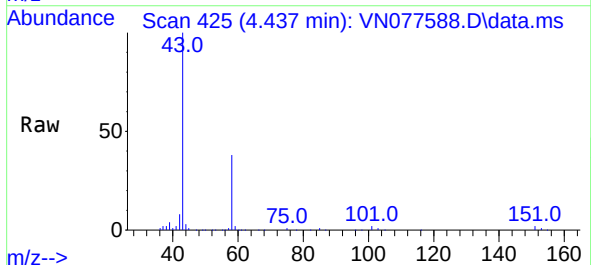
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

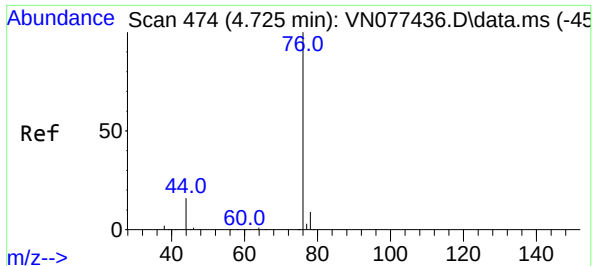
Tgt Ion: 53 Resp: 867508
Ion Ratio Lower Upper
53 100
52 80.0 65.3 97.9
51 35.5 28.9 43.3



#16
Acetone
Concen: 225.616 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 43 Resp: 616600
Ion Ratio Lower Upper
43 100
58 37.7 28.0 42.0

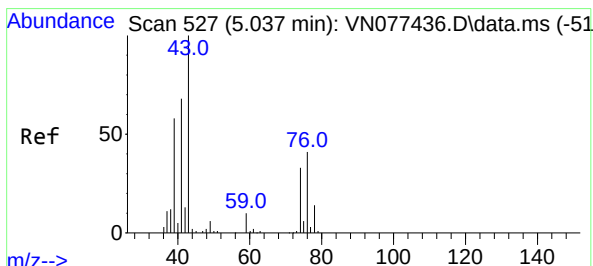
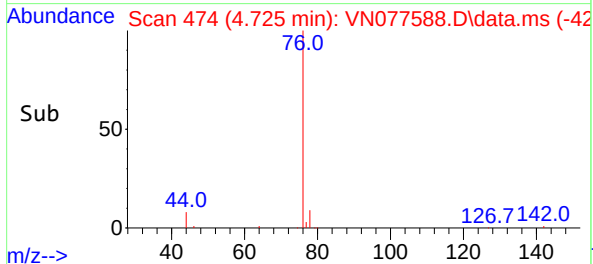
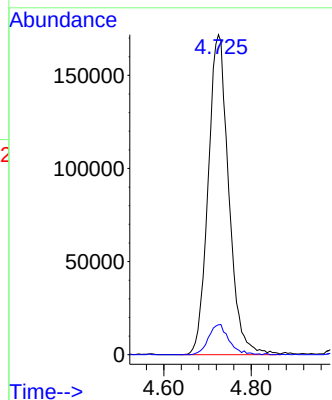
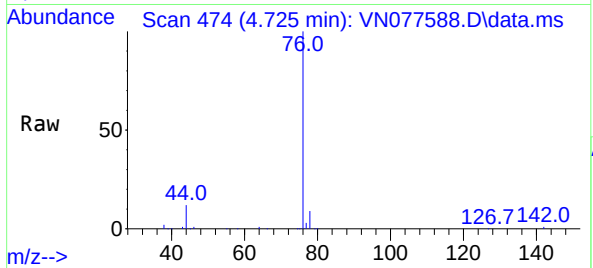




#17
Carbon Disulfide
Concen: 30.113 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

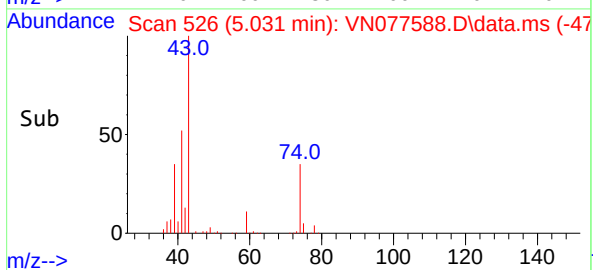
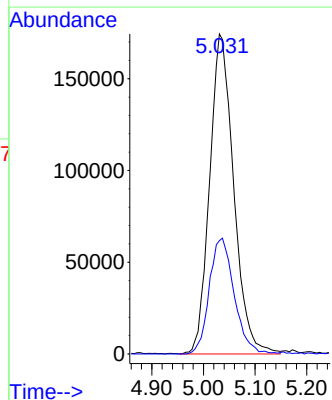
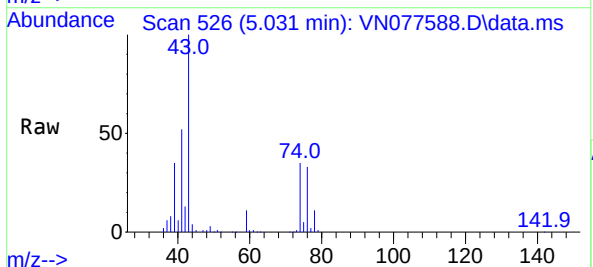
Instrument :
MSVOA_N
ClientSampleId :
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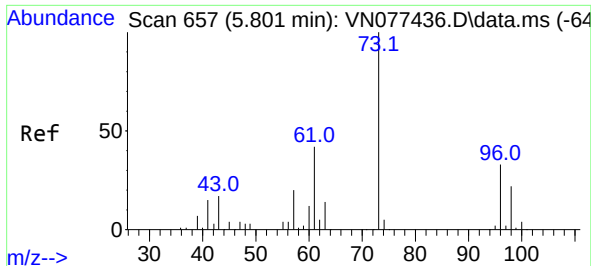
Tgt Ion: 76 Resp: 562149
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 53.491 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 43 Resp: 564539
Ion Ratio Lower Upper
43 100
74 37.4 26.2 39.4

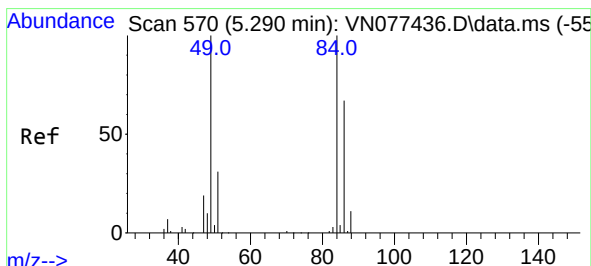
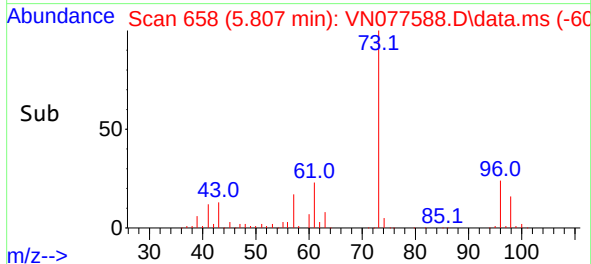
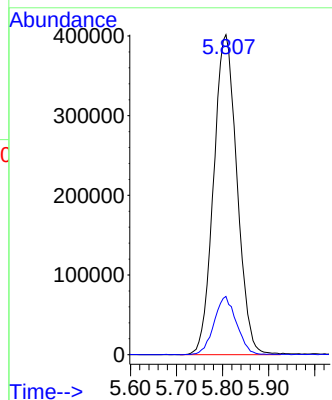
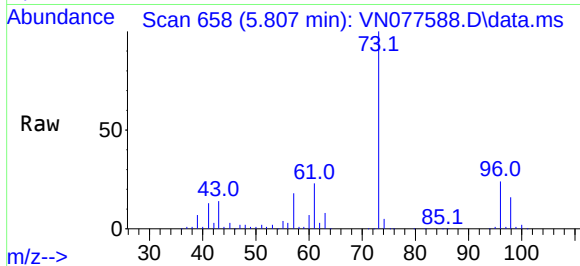




#19
Methyl tert-butyl Ether
Concen: 57.831 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

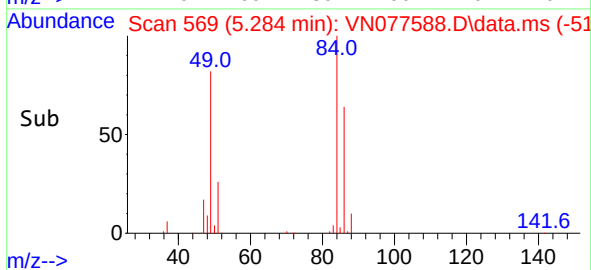
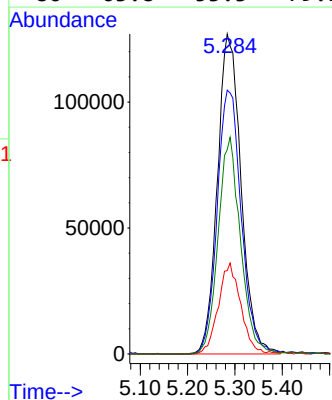
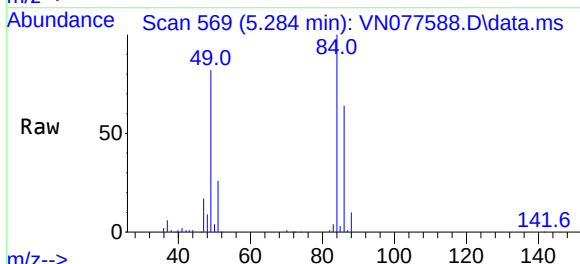
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

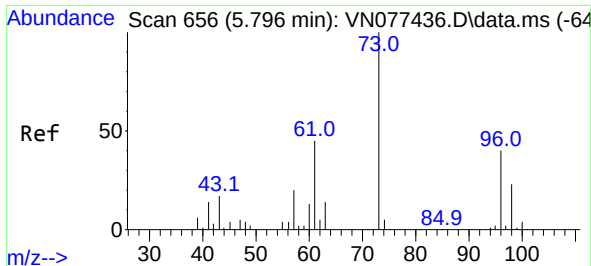
Tgt Ion: 73 Resp: 1412963
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4



#20
Methylene Chloride
Concen: 50.769 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 84 Resp: 440015
Ion Ratio Lower Upper
84 100
49 82.4 79.7 119.5
51 26.1 25.2 37.8
86 63.8 53.3 79.9

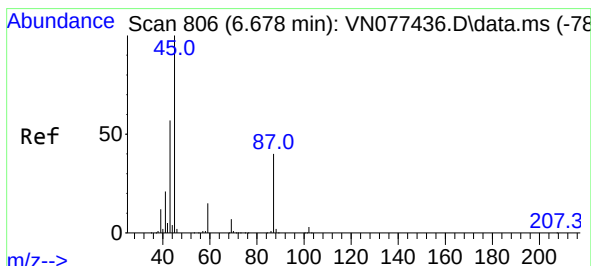
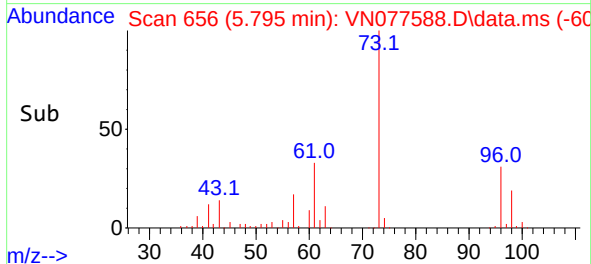
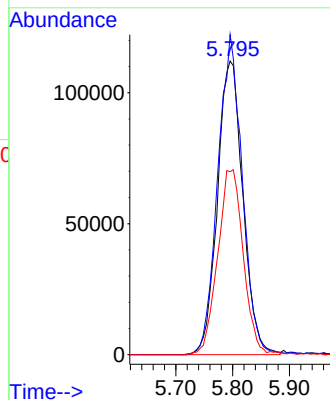
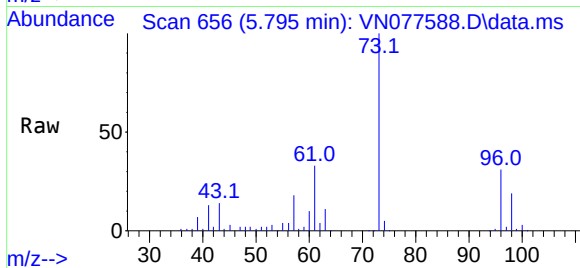




#21
trans-1,2-Dichloroethene
Concen: 43.845 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

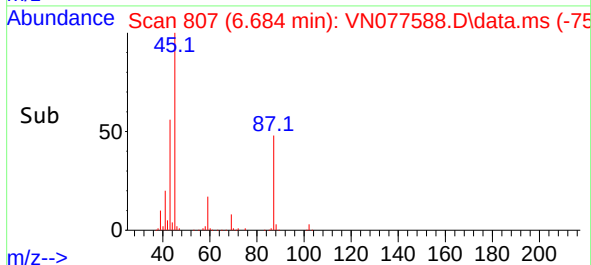
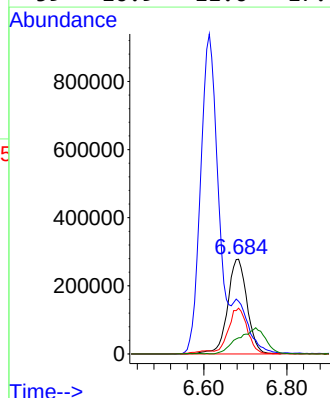
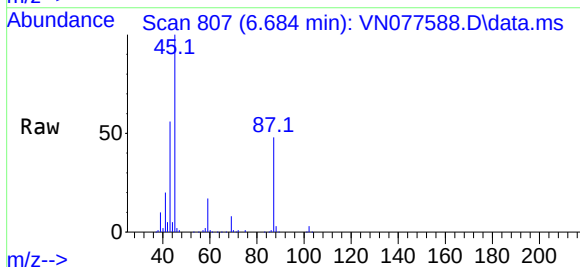
Instrument :
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ClientSampleId :
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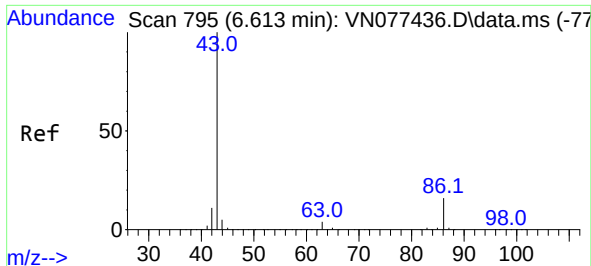
Tgt Ion: 96 Resp: 348312
Ion Ratio Lower Upper
96 100
61 109.0 90.1 135.1
98 62.4 46.4 69.6



#22
Diisopropyl ether
Concen: 48.053 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 45 Resp: 900808
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 48.2 31.8 47.8#
59 16.9 11.6 17.4

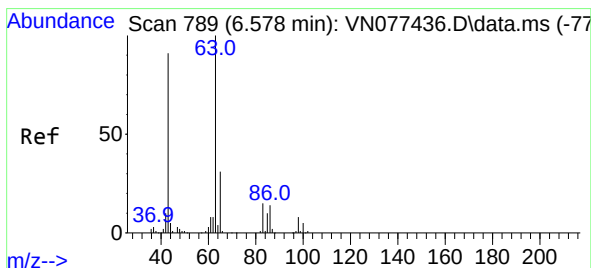
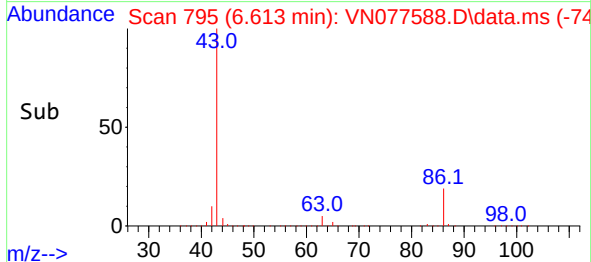
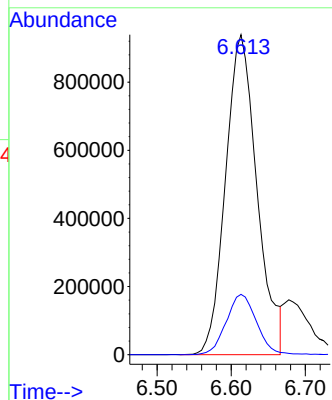
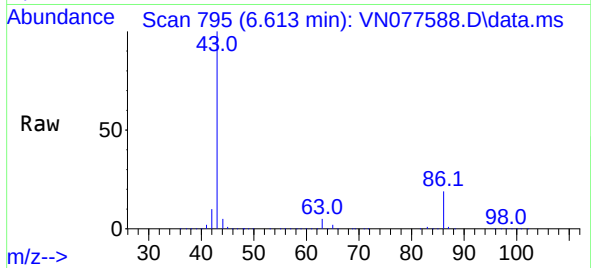




#23
 Vinyl Acetate
 Concen: 236.810 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

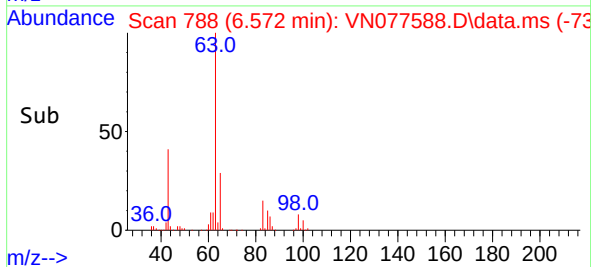
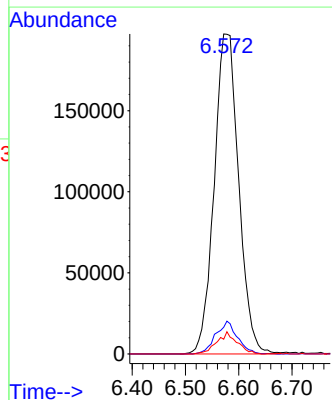
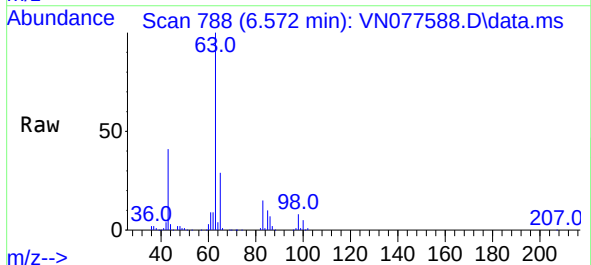
Instrument :
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 VSTDCCC050EC

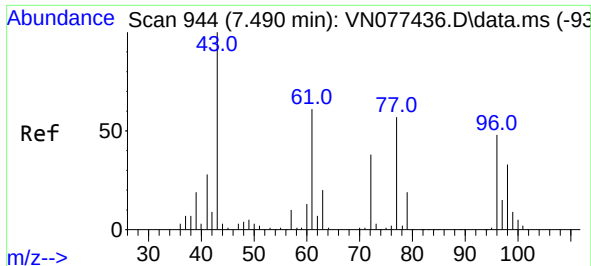
Tgt Ion: 43 Resp: 2772410
 Ion Ratio Lower Upper
 43 100
 86 18.9 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 47.531 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

Tgt Ion: 63 Resp: 630723
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 4.6 2.5 7.4

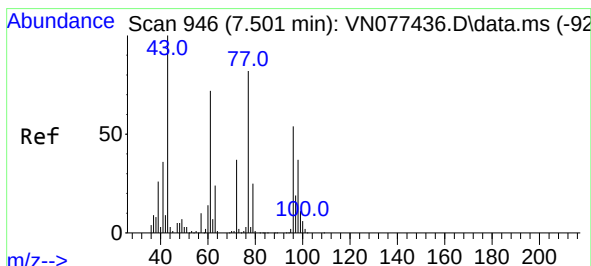
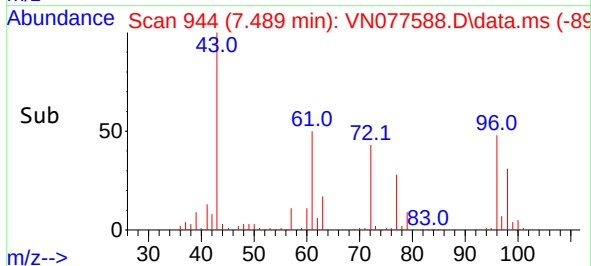
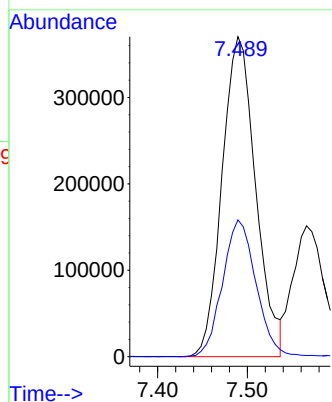
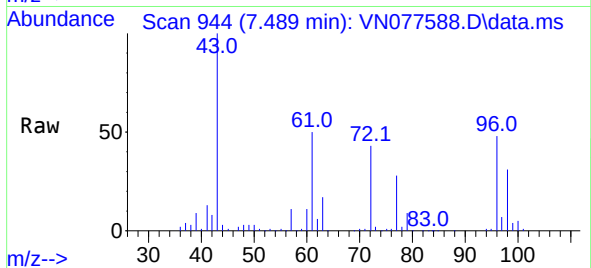




#25
2-Butanone
Concen: 248.820 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

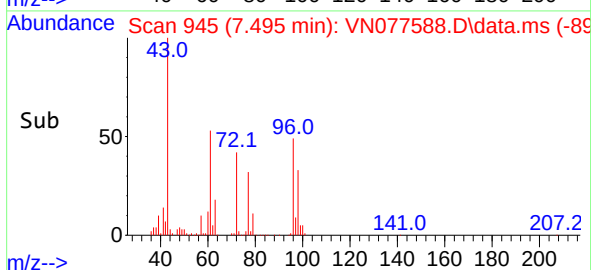
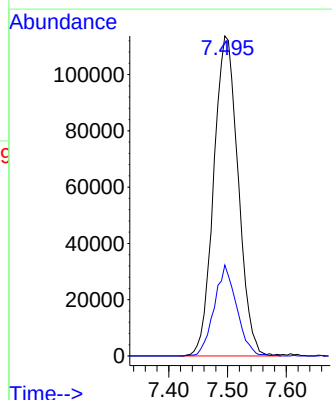
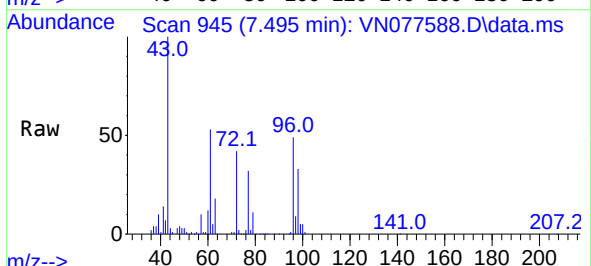
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ClientSampleId :
VSTDCCC050EC

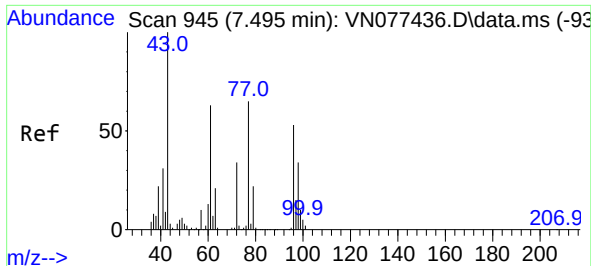
Tgt Ion: 43 Resp: 964489
Ion Ratio Lower Upper
43 100
72 42.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 25.567 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 77 Resp: 328956
Ion Ratio Lower Upper
77 100
97 26.1 11.2 33.6

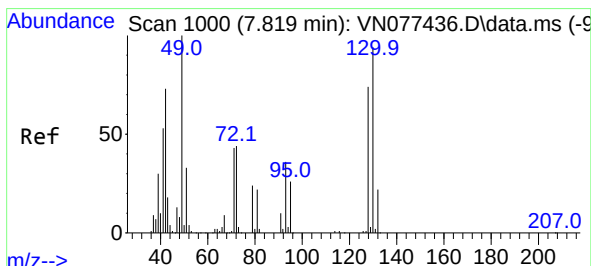
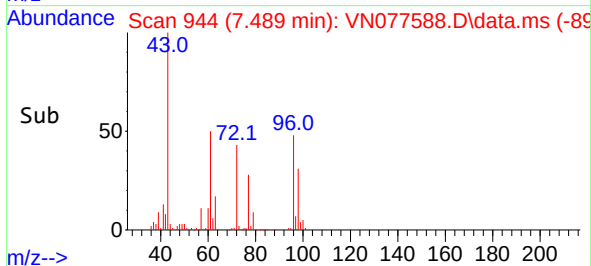
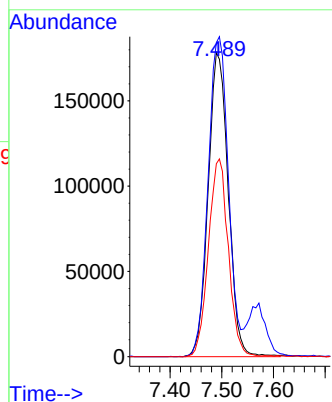
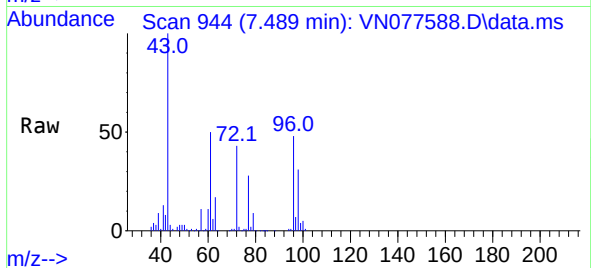




#27
 cis-1,2-Dichloroethene
 Concen: 51.183 ug/l
 RT: 7.489 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

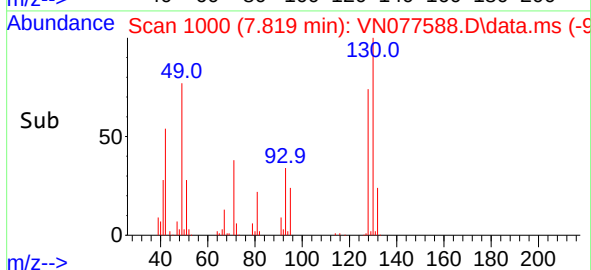
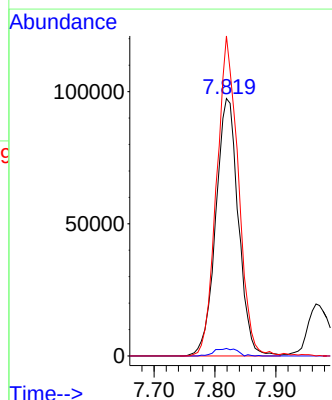
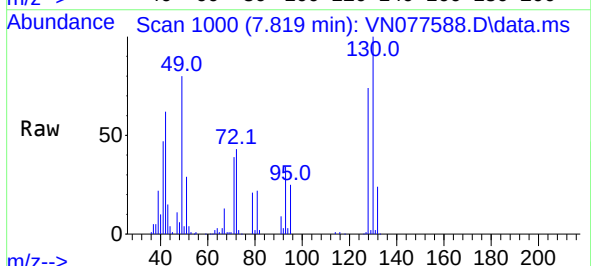
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

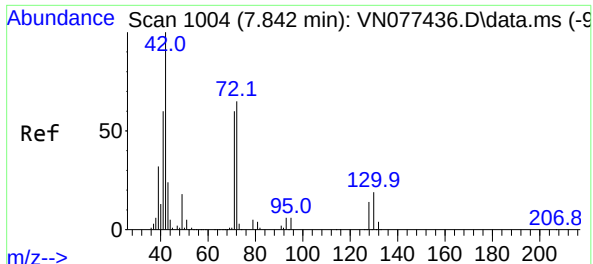
Tgt Ion: 96 Resp: 481555
 Ion Ratio Lower Upper
 96 100
 61 105.8 0.0 255.2
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.503 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

Tgt Ion: 49 Resp: 250848
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 4.8
 130 119.0 75.3 112.9#

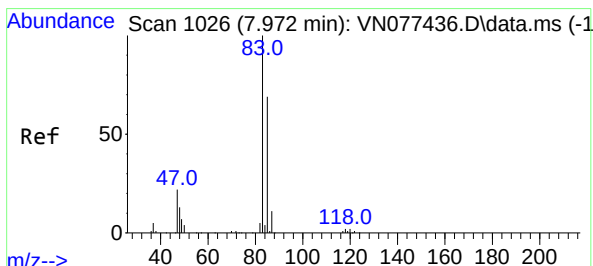
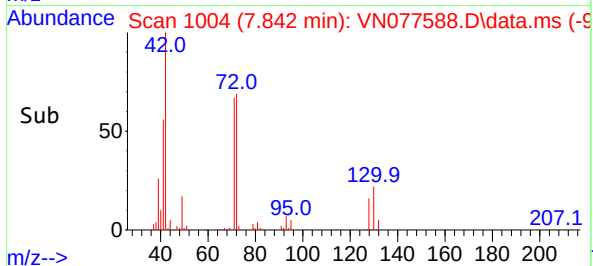
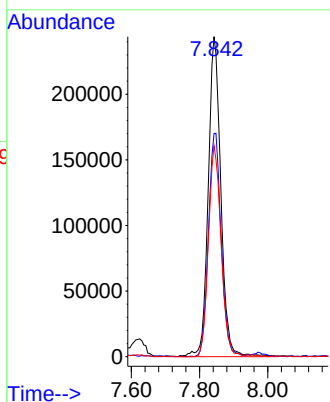
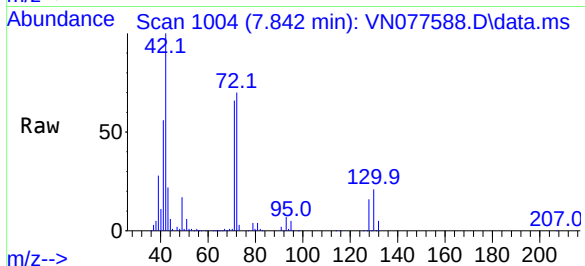




#29
Tetrahydrofuran
Concen: 258.132 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

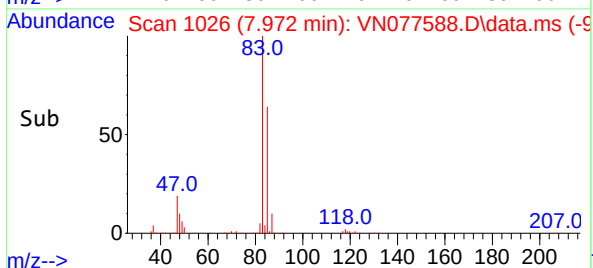
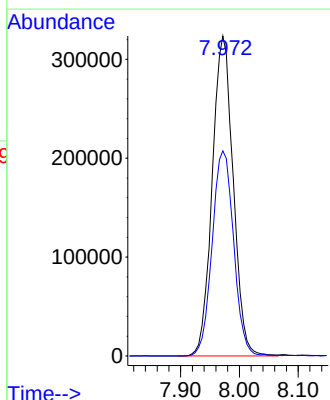
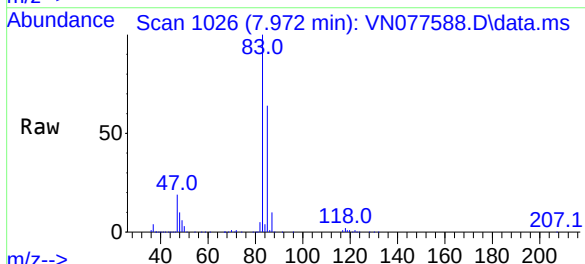
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

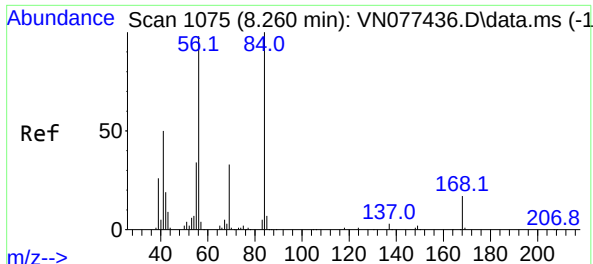
Tgt Ion: 42 Resp: 626918
Ion Ratio Lower Upper
42 100
72 70.8 49.8 74.6
71 65.7 47.4 71.2



#30
Chloroform
Concen: 53.537 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 83 Resp: 800619
Ion Ratio Lower Upper
83 100
85 64.1 55.4 83.0

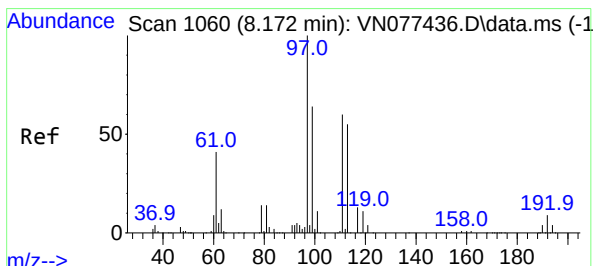
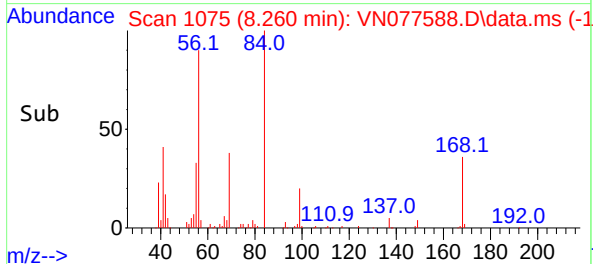
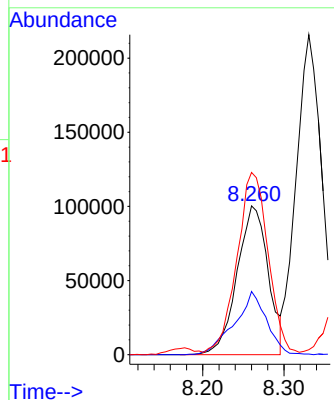
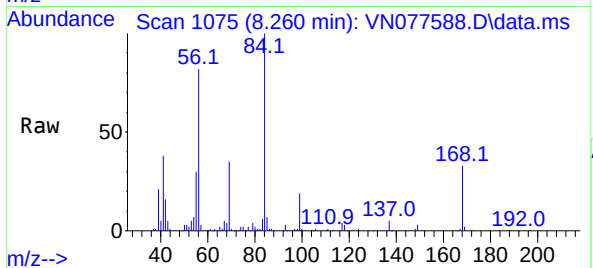




#31
Cyclohexane
Concen: 21.930 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

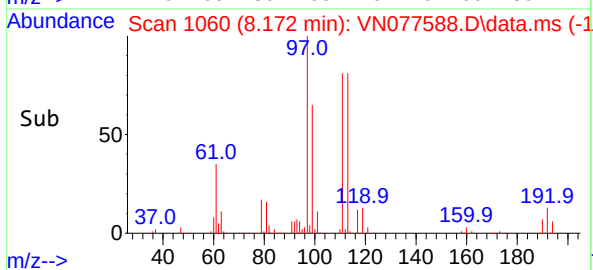
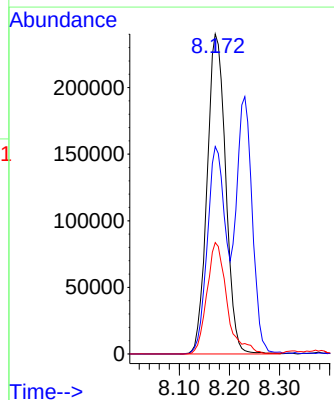
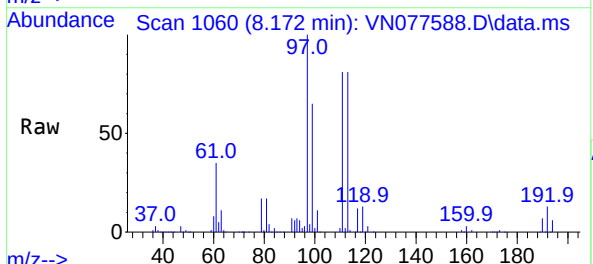
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

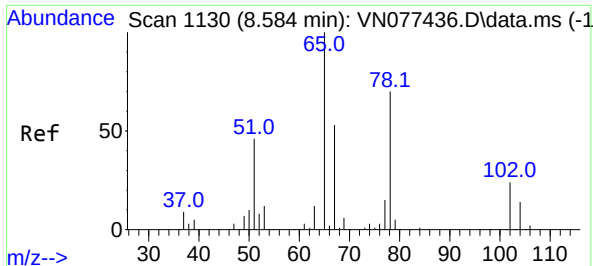
Tgt Ion: 56 Resp: 266874
Ion Ratio Lower Upper
56 100
69 42.5 26.8 40.2#
84 118.4 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 45.002 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 97 Resp: 618719
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 37.6 34.7 52.1

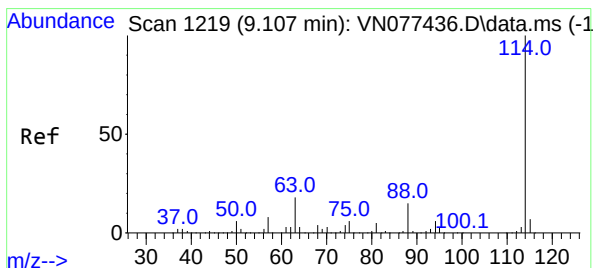
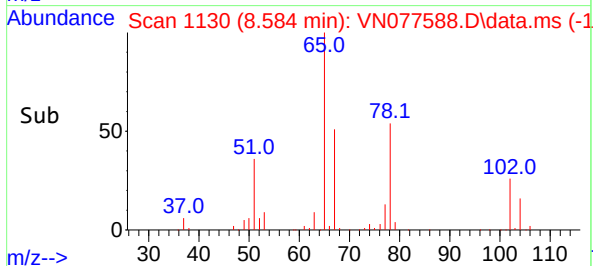
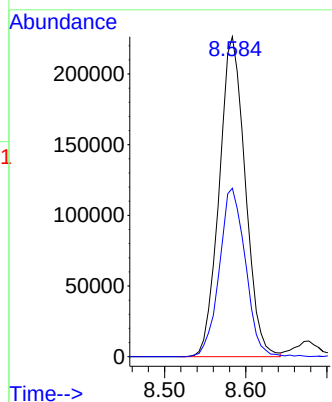
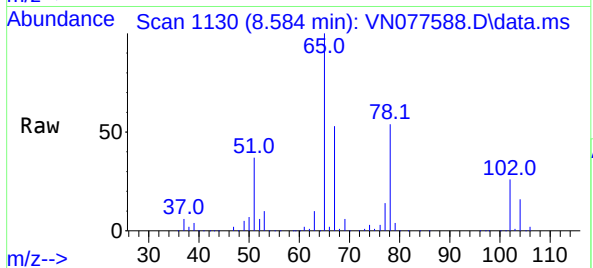




#33
1,2-Dichloroethane-d4
Concen: 58.666 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

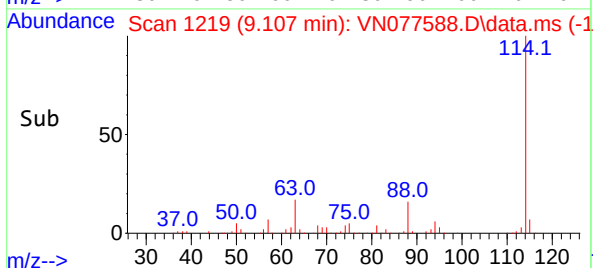
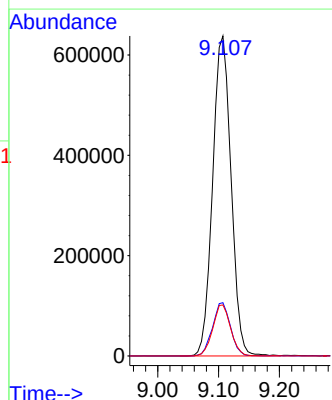
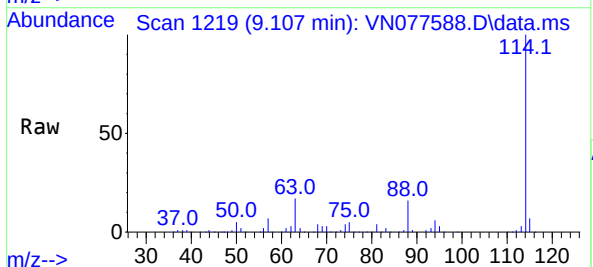
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

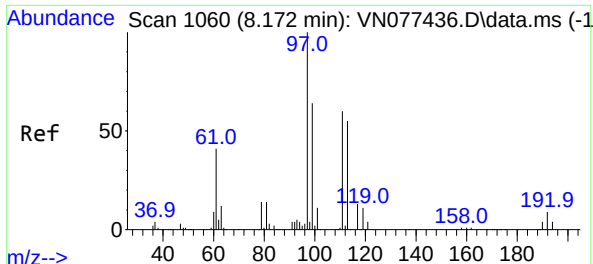
Tgt Ion: 65 Resp: 503967
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 114 Resp: 1340816
Ion Ratio Lower Upper
114 100
63 16.6 0.0 36.4
88 16.0 0.0 30.6

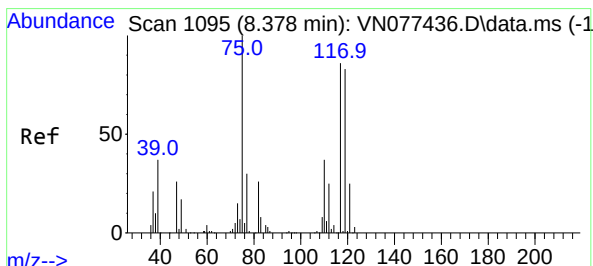
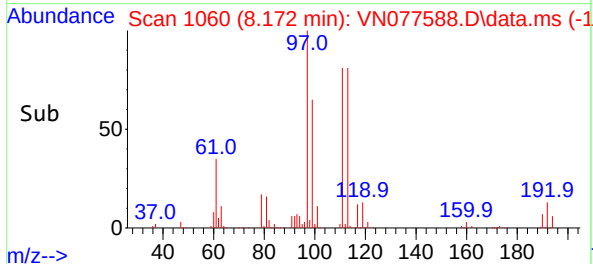
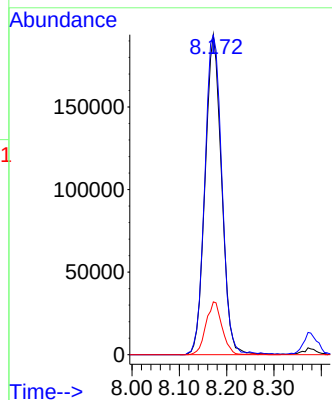
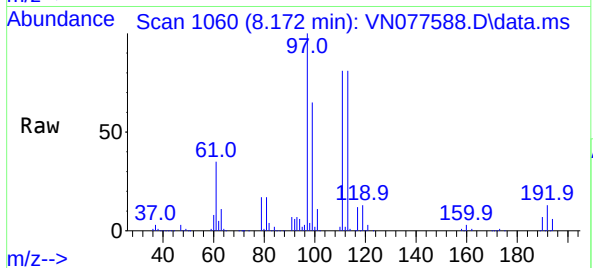




#35
Dibromofluoromethane
Concen: 57.990 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

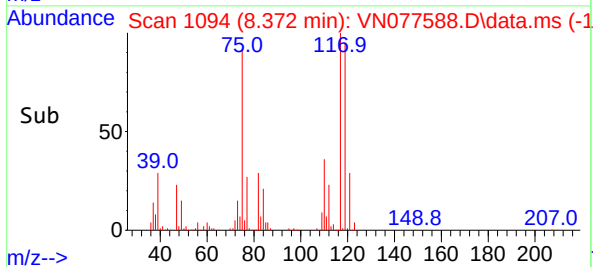
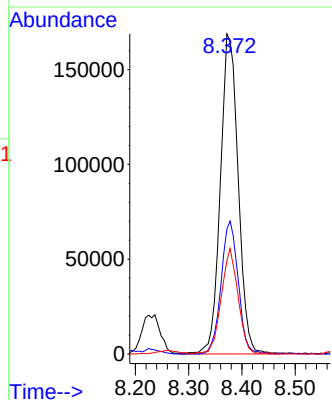
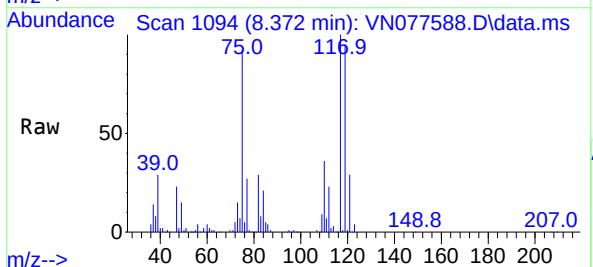
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

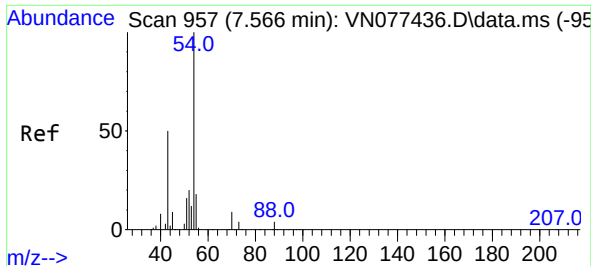
Tgt Ion:113 Resp: 467331
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 16.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 33.724 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 75 Resp: 392638
Ion Ratio Lower Upper
75 100
110 39.7 19.1 57.3
77 31.2 25.0 37.4

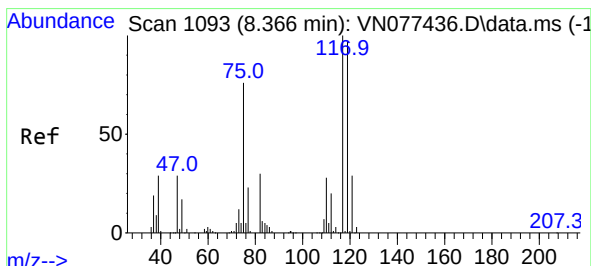
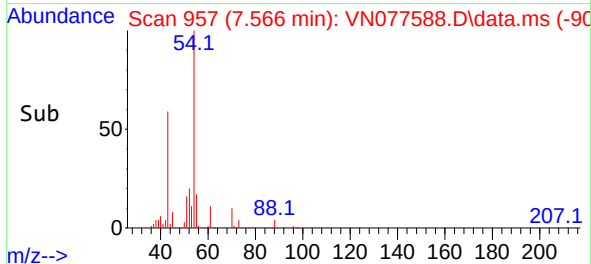
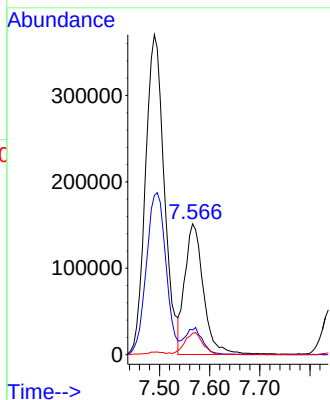
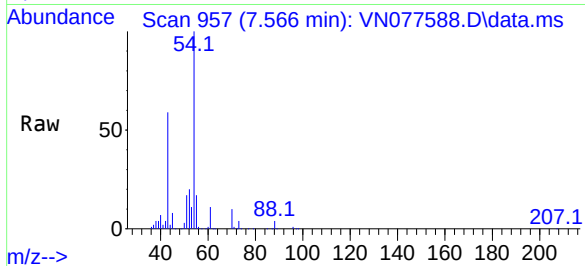




#37
Ethyl Acetate
Concen: 43.867 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

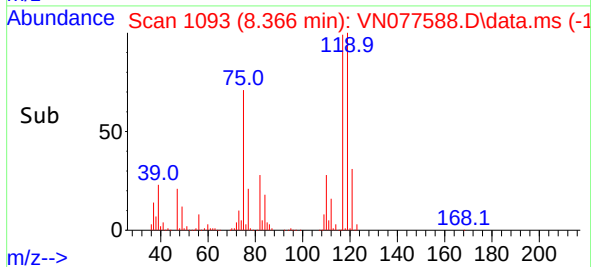
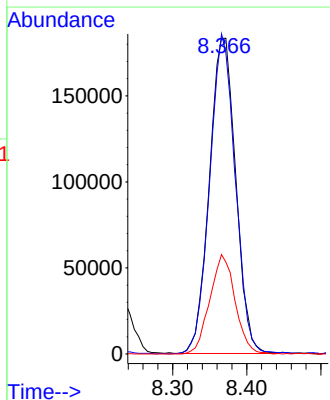
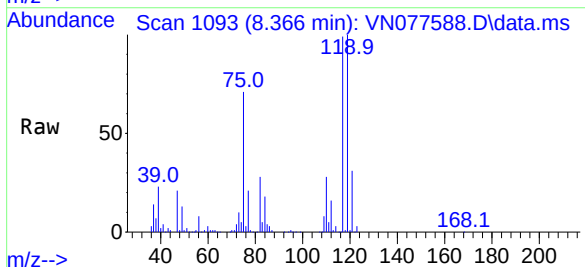
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

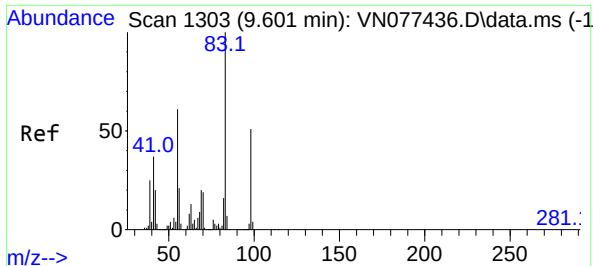
Tgt Ion: 43 Resp: 388101
Ion Ratio Lower Upper
43 100
61 18.6 13.2 19.8
70 16.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 35.260 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 117 Resp: 452939
Ion Ratio Lower Upper
117 100
119 101.3 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 22.481 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

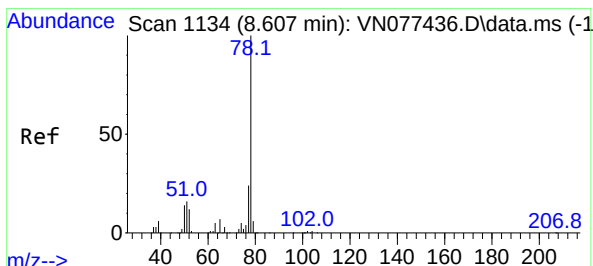
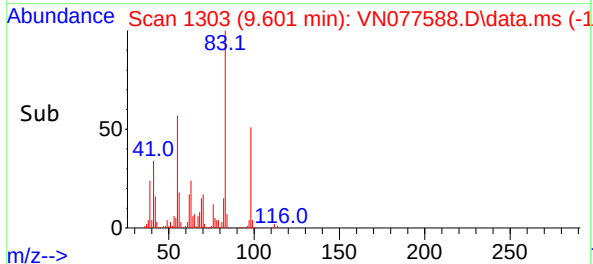
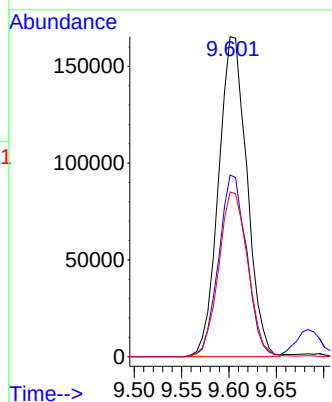
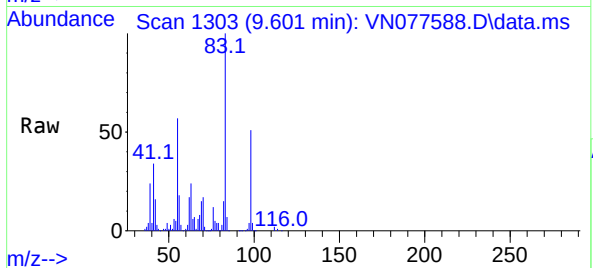
Tgt Ion: 83 Resp: 344849

Ion Ratio Lower Upper

83 100

55 56.8 49.1 73.7

98 51.5 40.6 61.0



#40

Benzene

Concen: 43.990 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077588.D

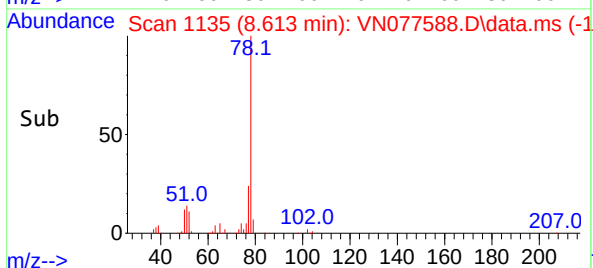
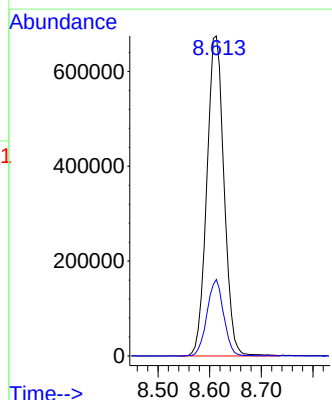
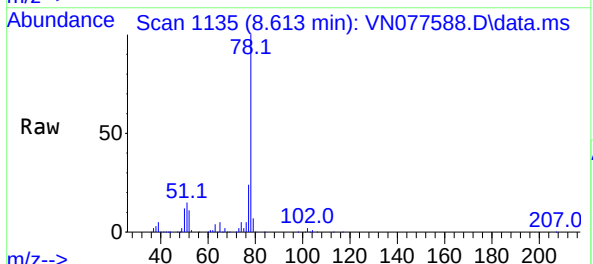
Acq: 04 May 2023 19:02

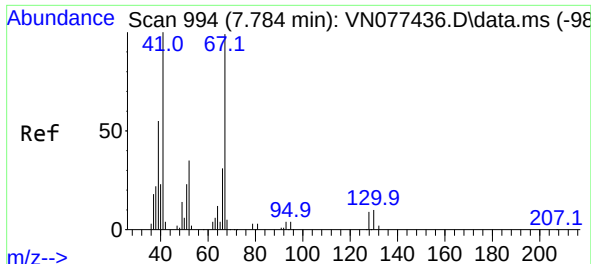
Tgt Ion: 78 Resp: 1560241

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



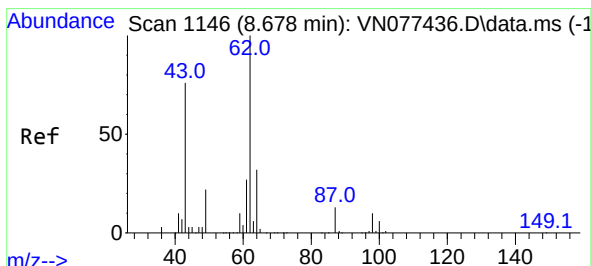
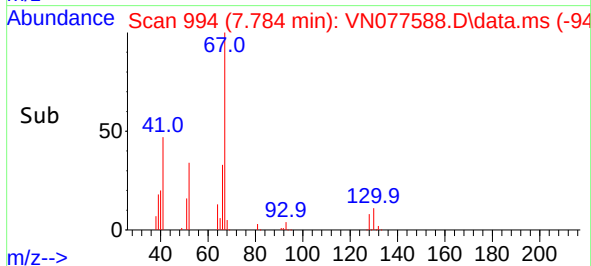
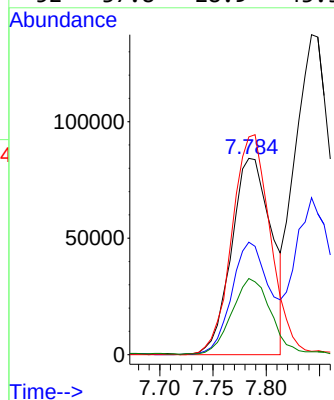
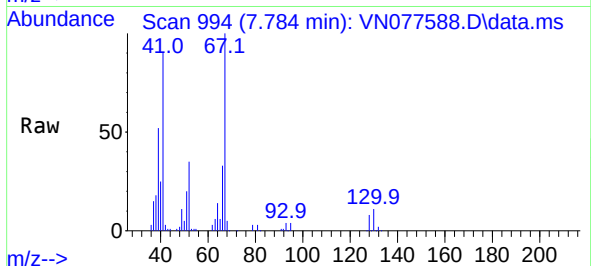


#41
Methacrylonitrile
Concen: 47.803 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 220270

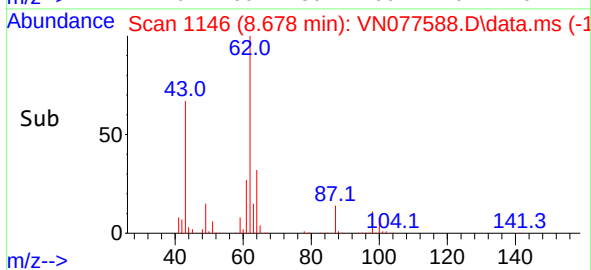
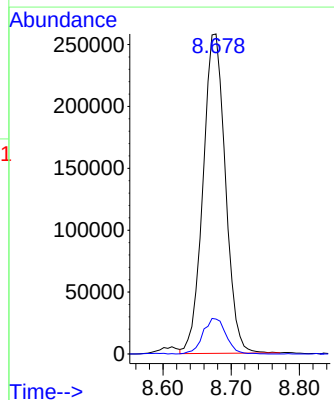
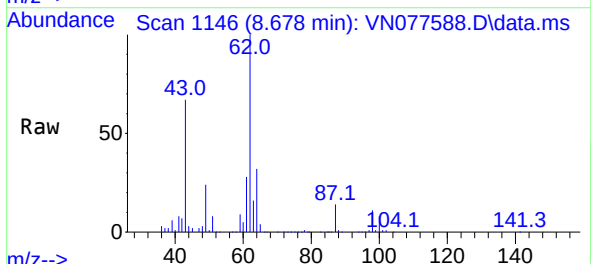
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.6	64.0
67	109.7	77.5	116.3
52	37.8	28.9	43.3

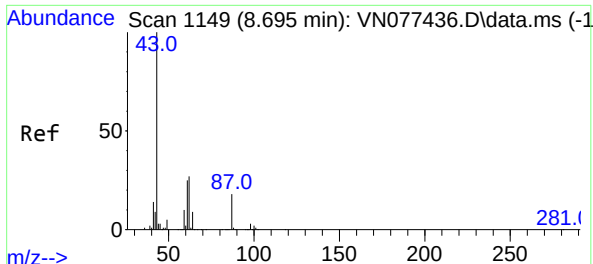


#42
1,2-Dichloroethane
Concen: 48.412 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 62 Resp: 589757

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	19.8

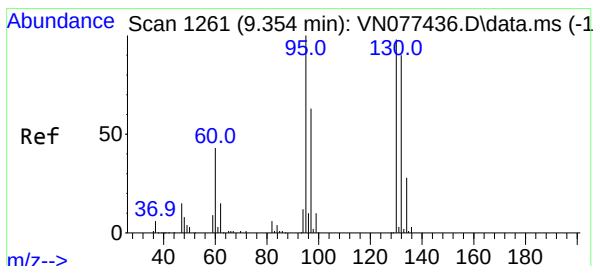
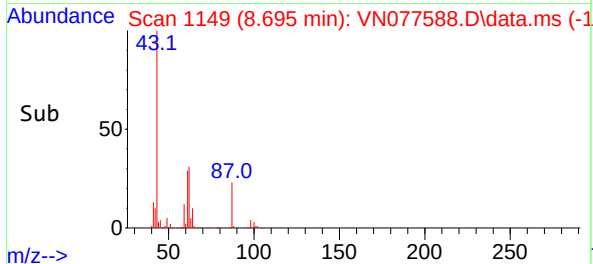
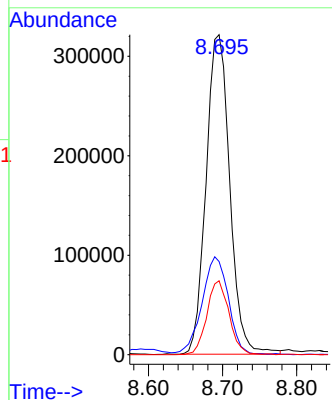
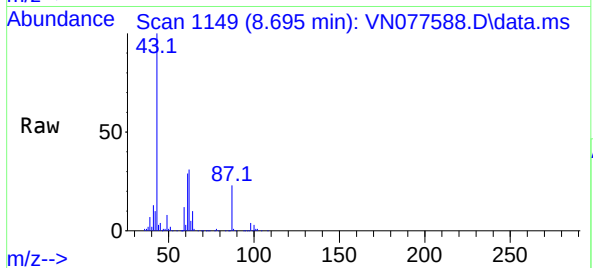




#43
Isopropyl Acetate
Concen: 46.766 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

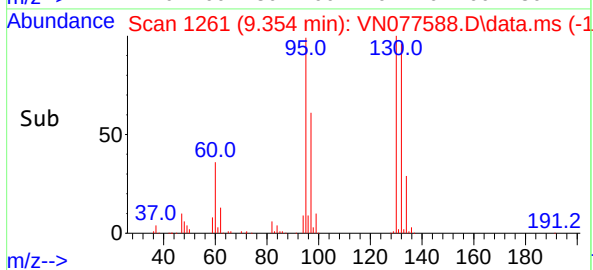
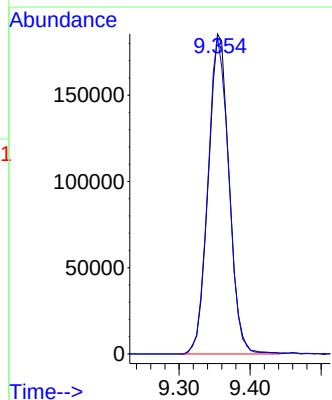
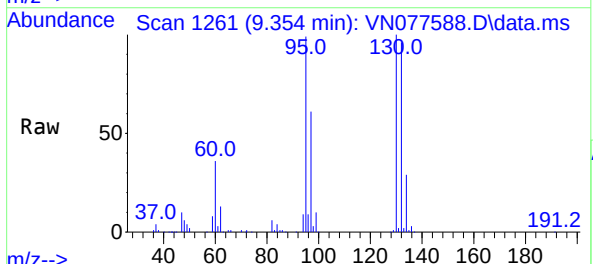
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

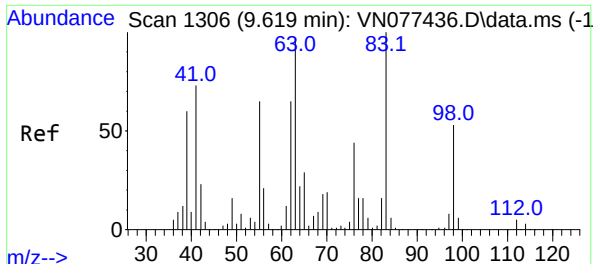
Tgt Ion: 43 Resp: 715775
Ion Ratio Lower Upper
43 100
61 33.8 24.7 37.1
87 21.7 14.6 21.8



#44
Trichloroethene
Concen: 41.689 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:130 Resp: 378592
Ion Ratio Lower Upper
130 100
95 98.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 44.974 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

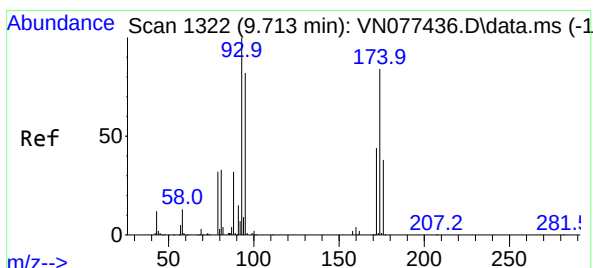
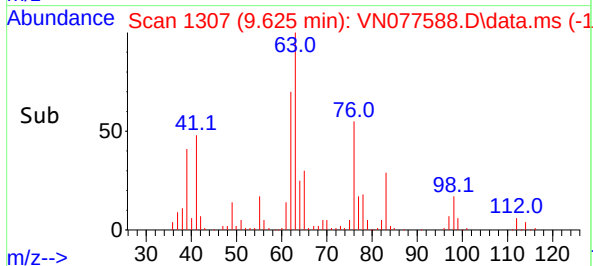
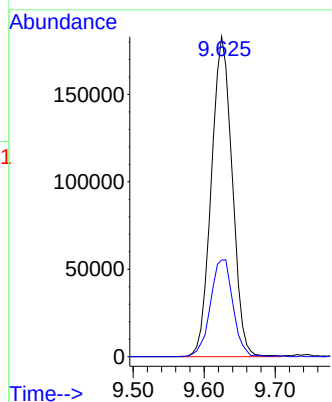
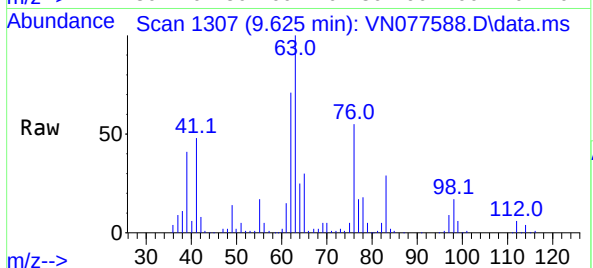
VSTDCCC050EC

Tgt Ion: 63 Resp: 373663

Ion Ratio Lower Upper

63 100

65 30.1 23.9 35.9



#46

Dibromomethane

Concen: 51.355 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

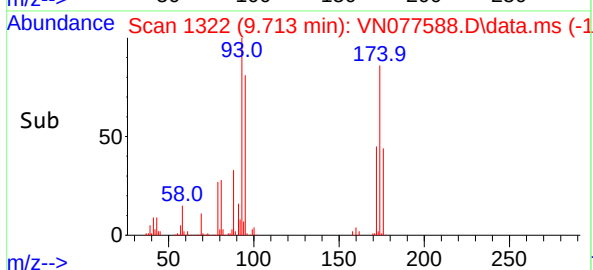
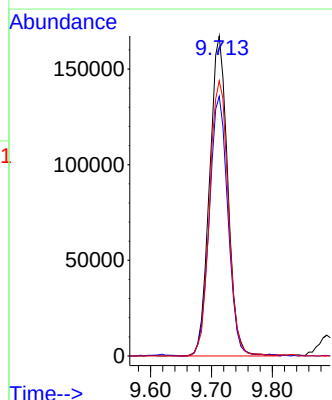
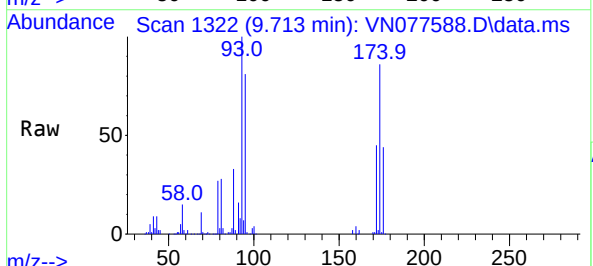
Tgt Ion: 93 Resp: 346213

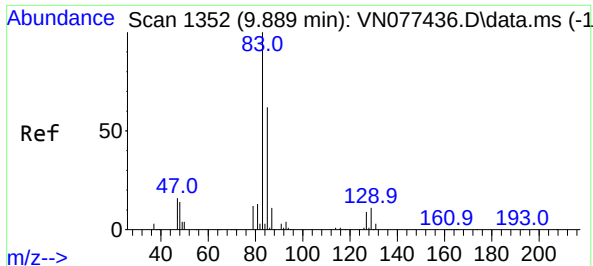
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

174 88.6 65.6 98.4

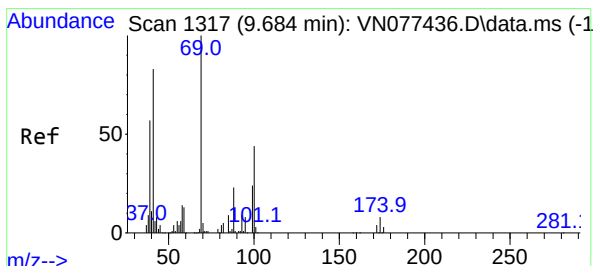
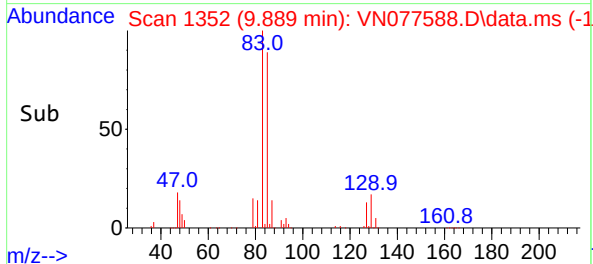
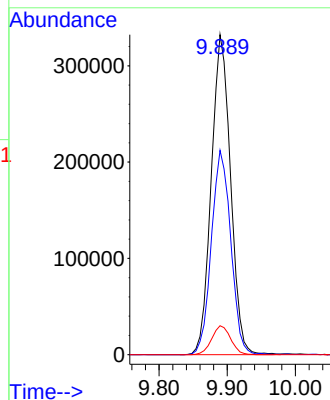
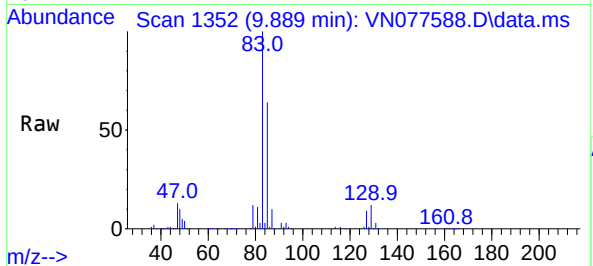




#47
Bromodichloromethane
Concen: 50.169 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

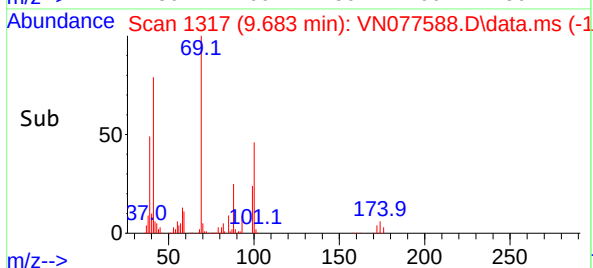
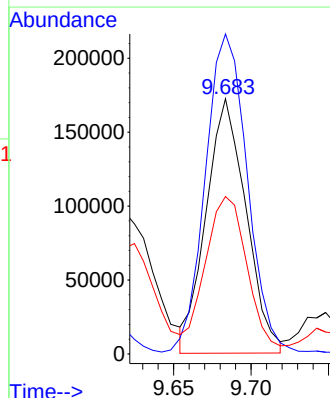
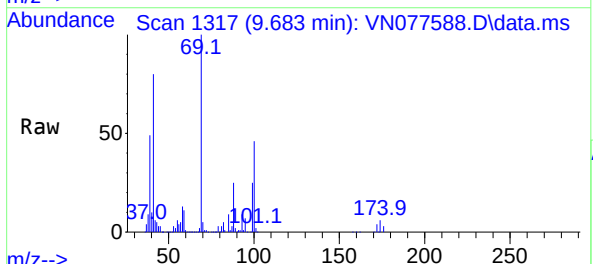
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

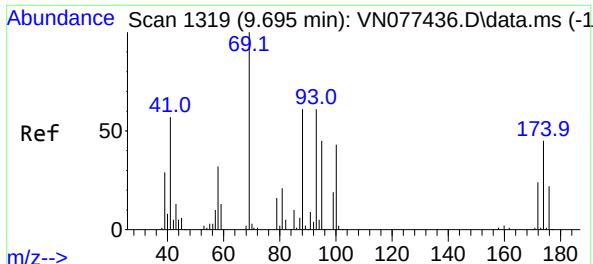
Tgt Ion: 83 Resp: 654213
Ion Ratio Lower Upper
83 100
85 63.8 49.6 74.4
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 44.344 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 41 Resp: 308943
Ion Ratio Lower Upper
41 100
69 133.3 90.4 135.6
39 65.2 54.6 81.8

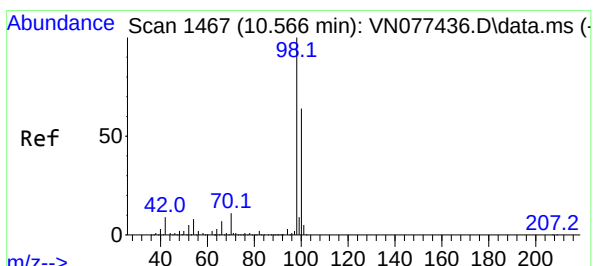
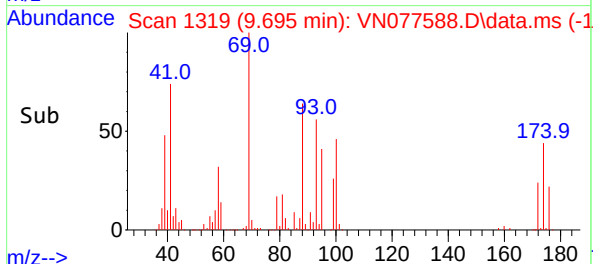
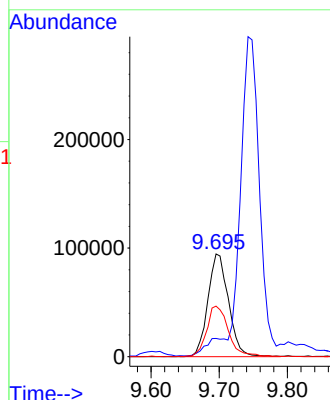
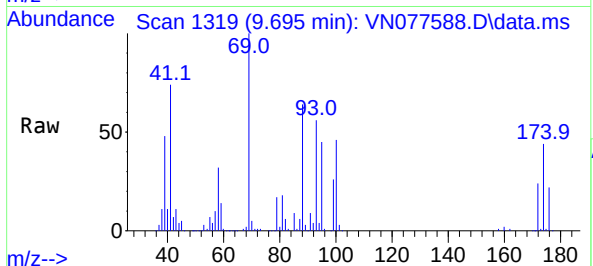




#49
1,4-Dioxane
Concen: 1138.782 ug/l
RT: 9.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

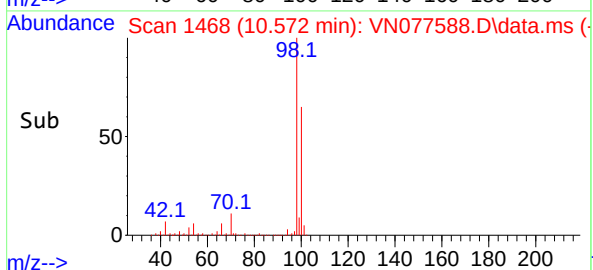
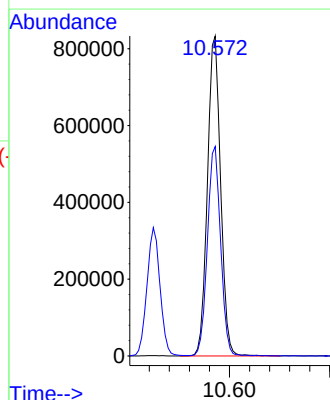
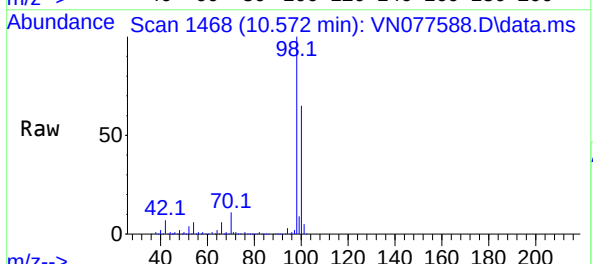
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

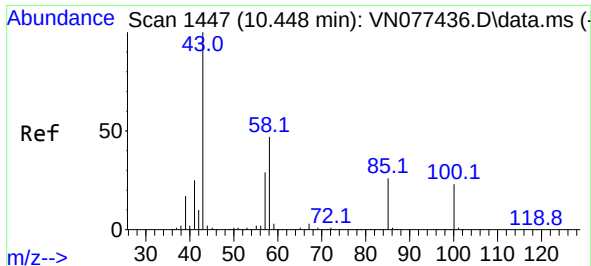
Tgt Ion: 88 Resp: 199008
Ion Ratio Lower Upper
88 100
43 13.1 17.0 25.6#
58 52.4 47.0 70.4



#50
Toluene-d8
Concen: 49.279 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 98 Resp: 1522038
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

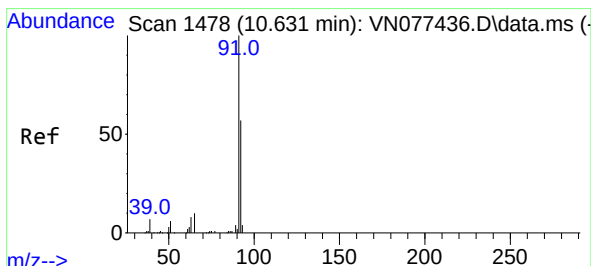
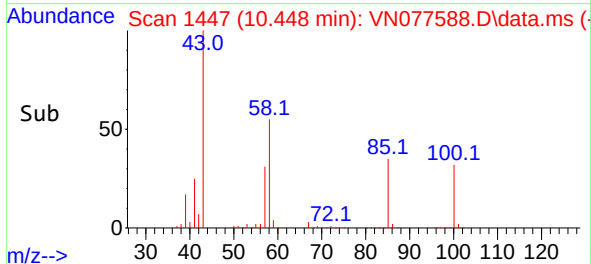
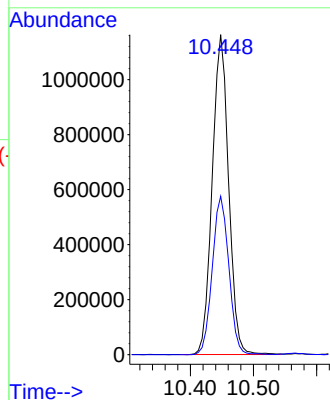
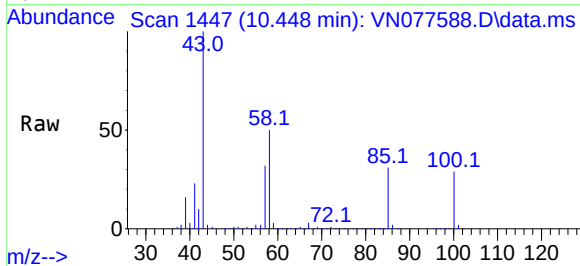




#51
4-Methyl-2-Pentanone
Concen: 233.252 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

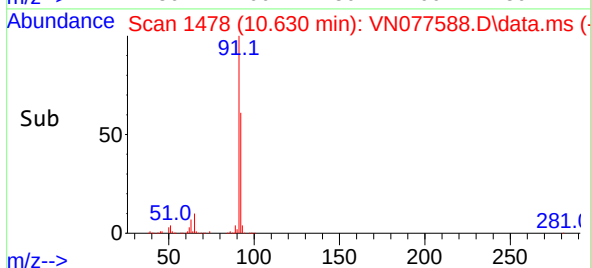
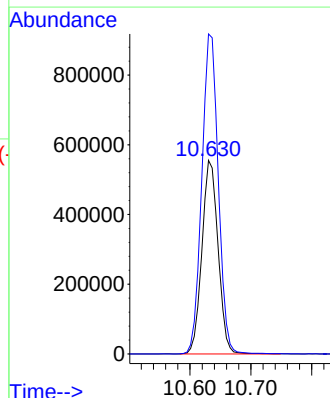
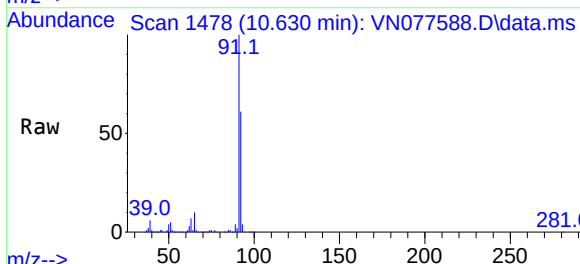
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

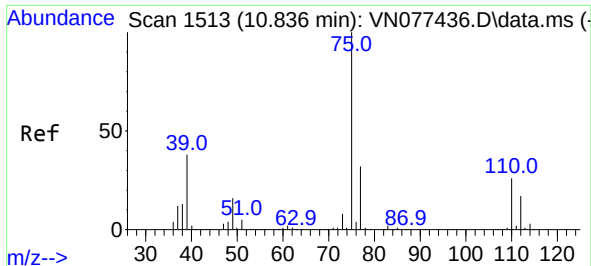
Tgt Ion: 43 Resp: 2094001
Ion Ratio Lower Upper
43 100
58 50.1 36.6 54.8



#52
Toluene
Concen: 44.063 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 92 Resp: 1023838
Ion Ratio Lower Upper
92 100
91 169.1 137.4 206.0

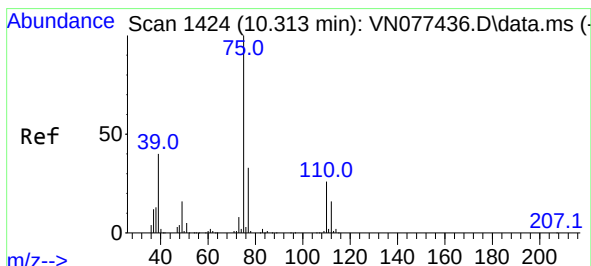
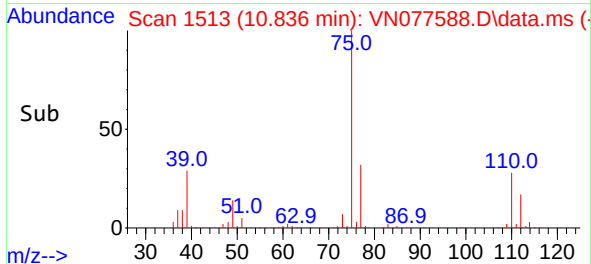
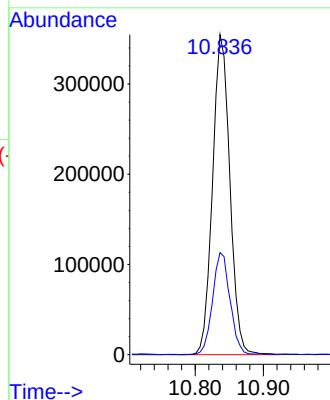
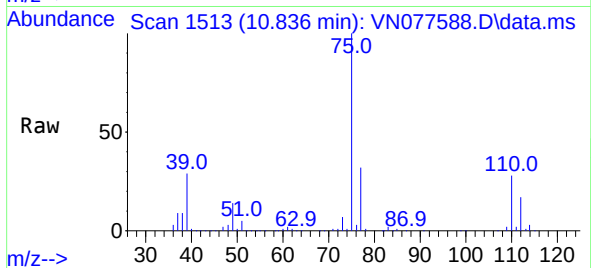




#53
t-1,3-Dichloropropene
Concen: 47.453 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

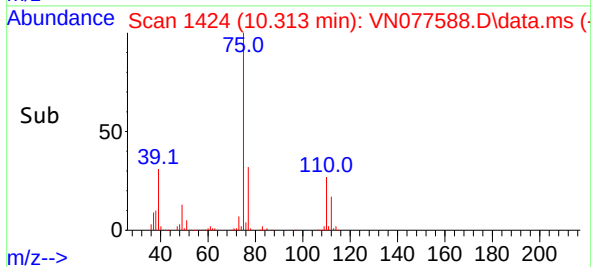
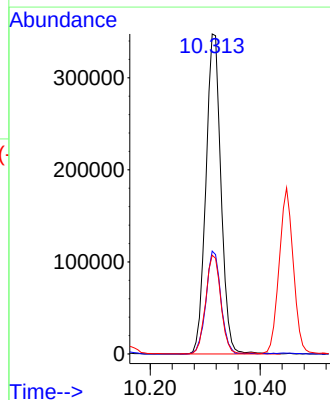
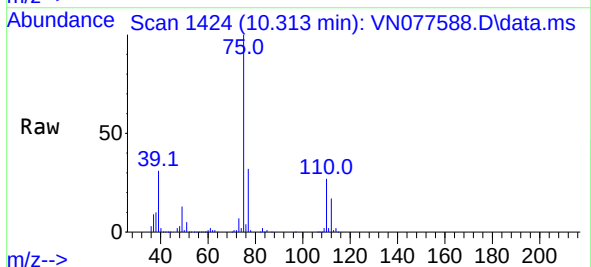
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

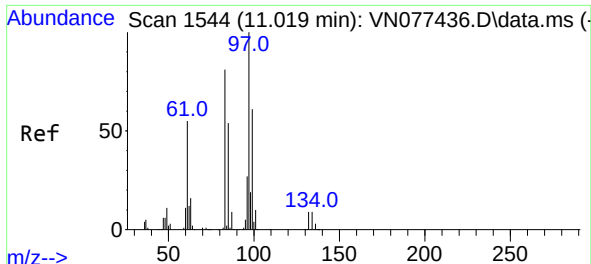
Tgt Ion: 75 Resp: 626591
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 46.051 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 75 Resp: 661873
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 30.9 31.6 47.4#



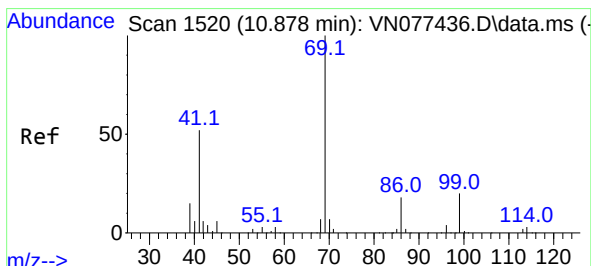
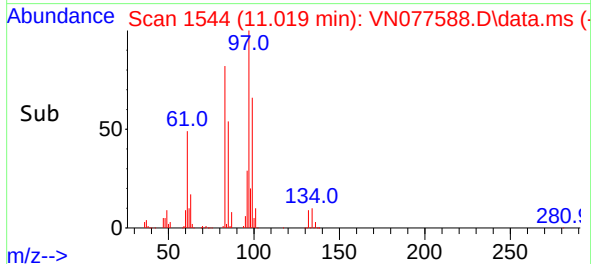
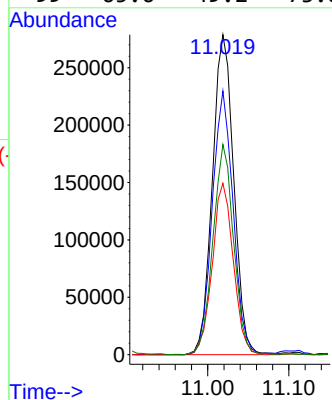
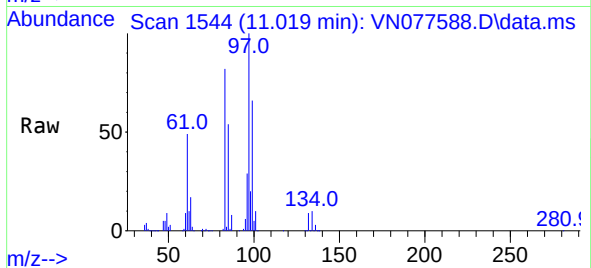


#55
1,1,2-Trichloroethane
Concen: 54.552 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 509712

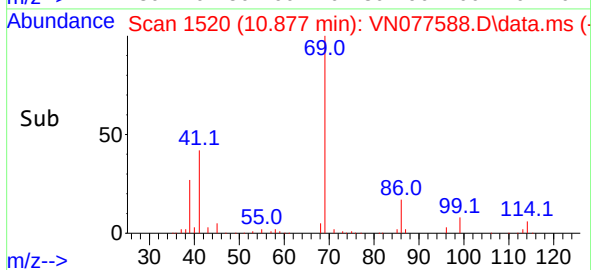
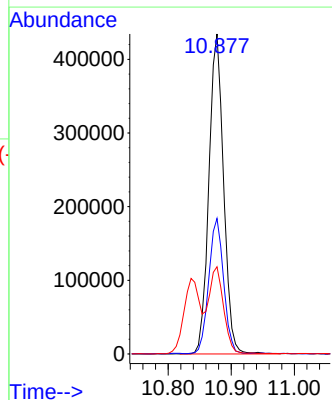
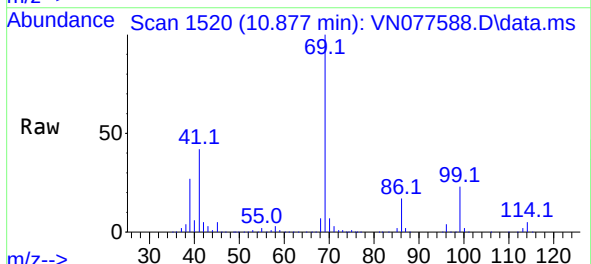
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.1	97.7
85	53.5	43.4	65.2
99	65.6	49.2	73.8

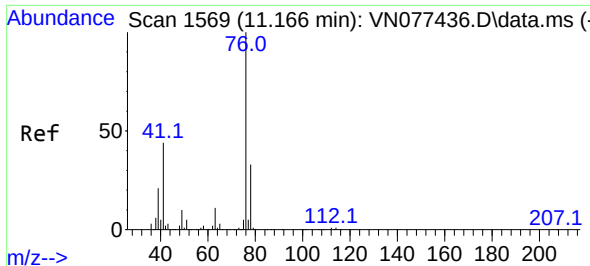


#56
Ethyl methacrylate
Concen: 53.719 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 69 Resp: 703313

Ion	Ratio	Lower	Upper
69	100		
41	42.6	39.6	59.4
39	28.1	28.6	43.0

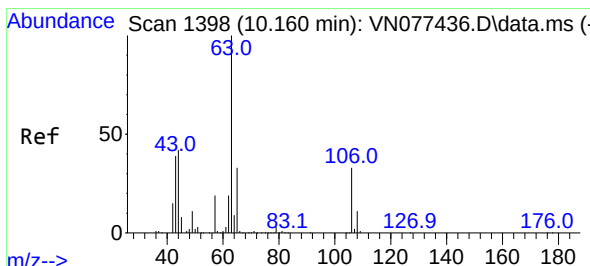
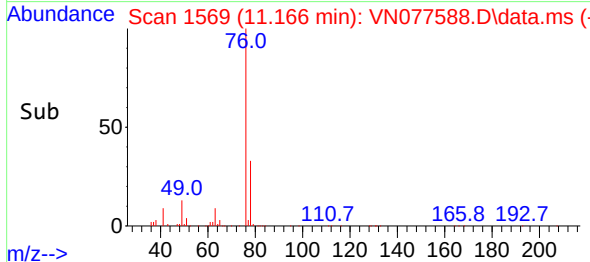
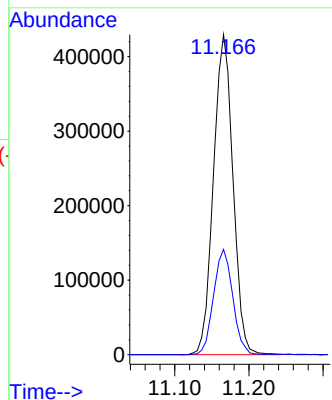
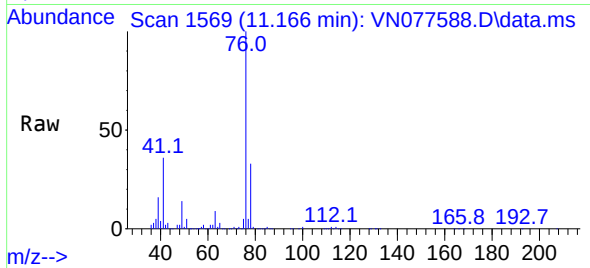




#57
1,3-Dichloropropane
Concen: 52.794 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

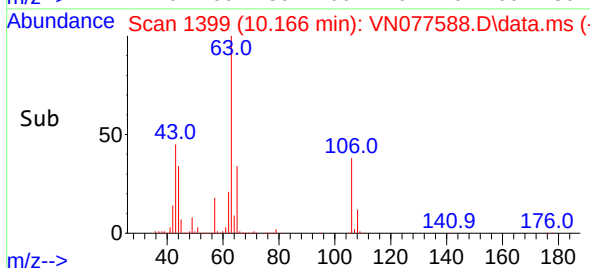
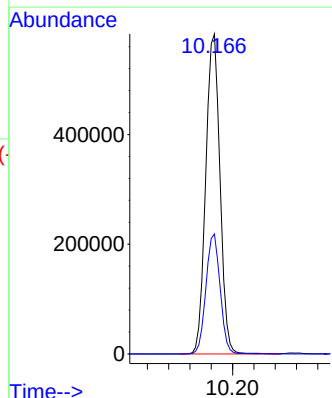
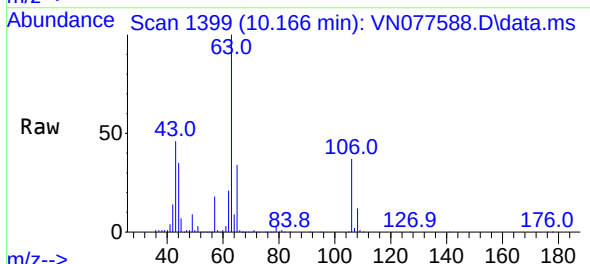
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

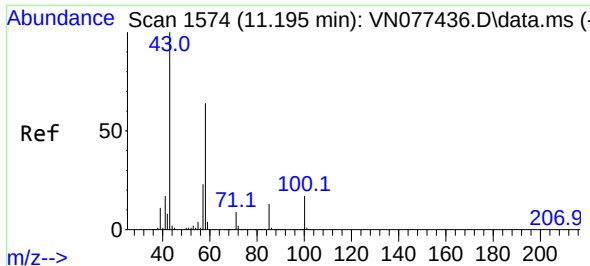
Tgt Ion: 76 Resp: 785728
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 244.499 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 63 Resp: 1082730
Ion Ratio Lower Upper
63 100
106 37.3 26.2 39.4

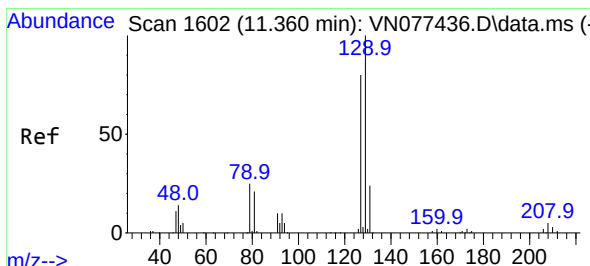
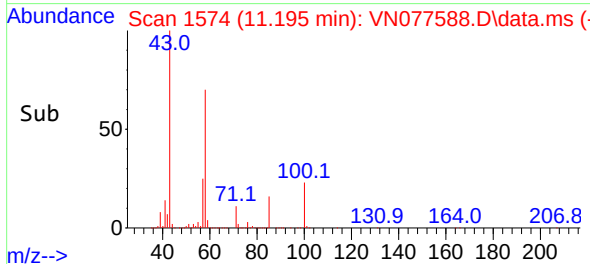
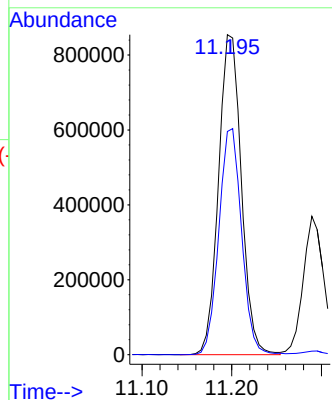
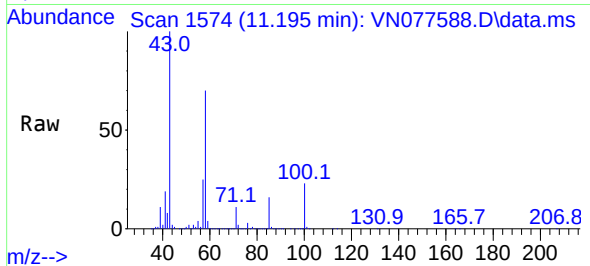




#59
2-Hexanone
Concen: 231.184 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

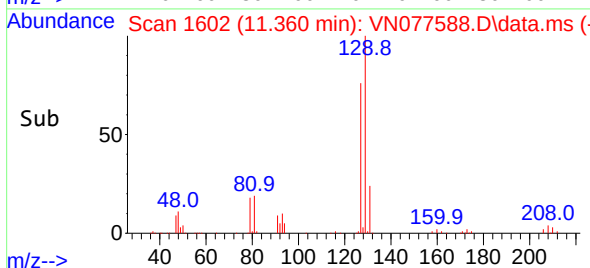
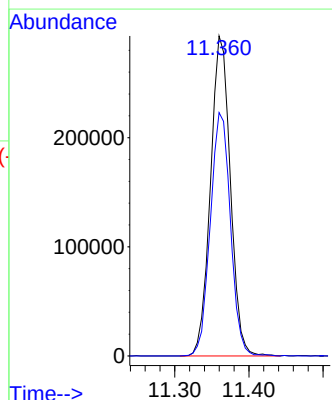
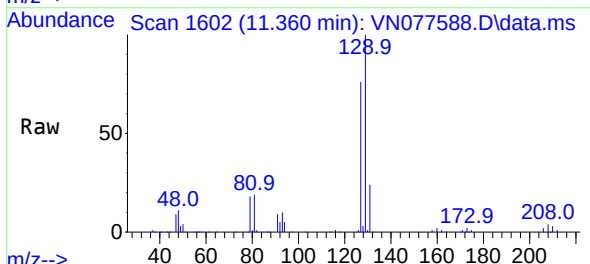
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

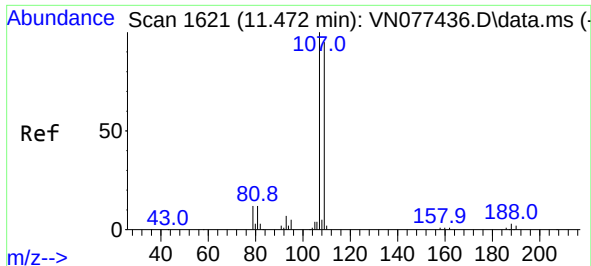
Tgt Ion: 43 Resp: 1508612
Ion Ratio Lower Upper
43 100
58 70.4 31.7 95.1



#60
Dibromochloromethane
Concen: 56.196 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:129 Resp: 544939
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0

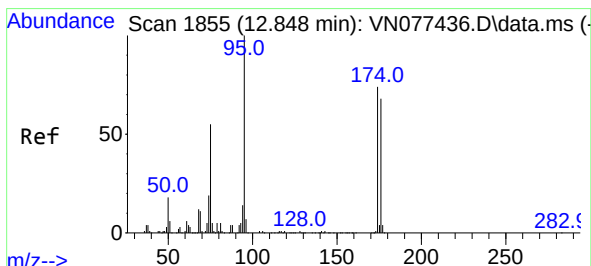
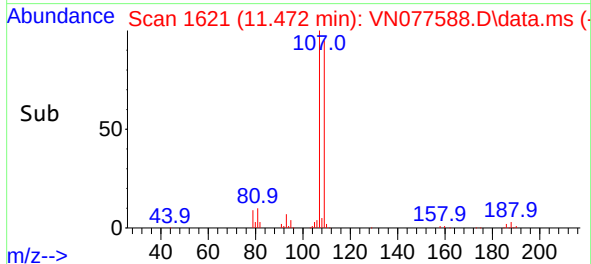
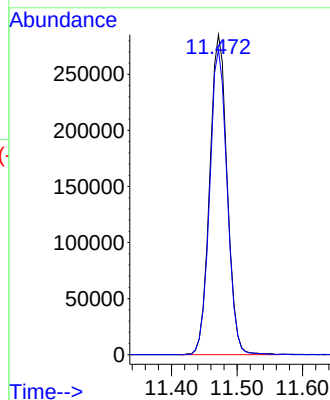
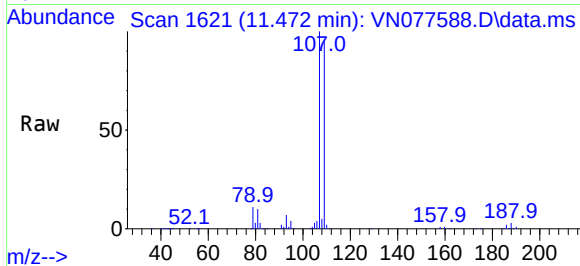




#61
1,2-Dibromoethane
Concen: 55.366 ug/l
RT: 11.472 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

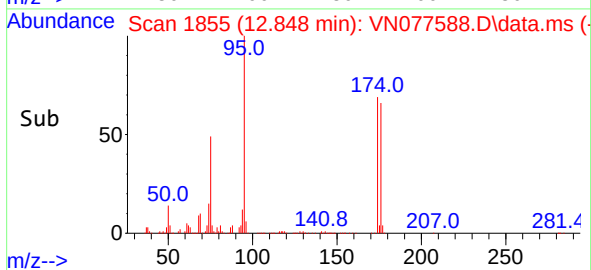
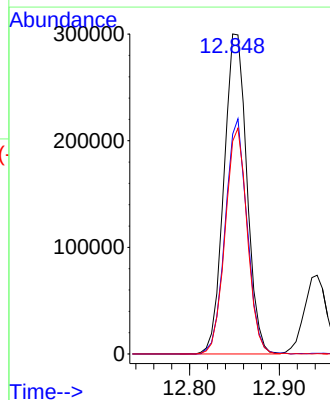
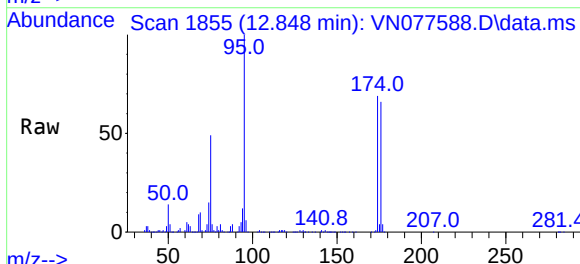
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

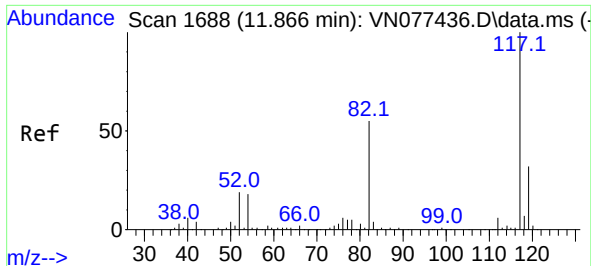
Tgt Ion:107 Resp: 528151
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.706 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 95 Resp: 532607
Ion Ratio Lower Upper
95 100
174 70.2 0.0 143.8
176 67.8 0.0 135.8

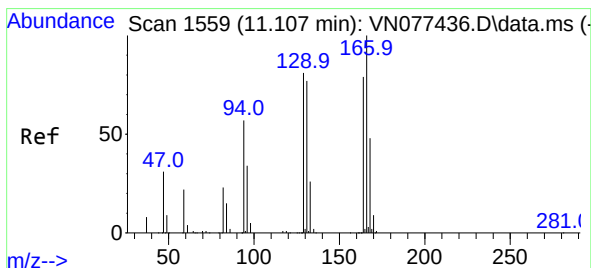
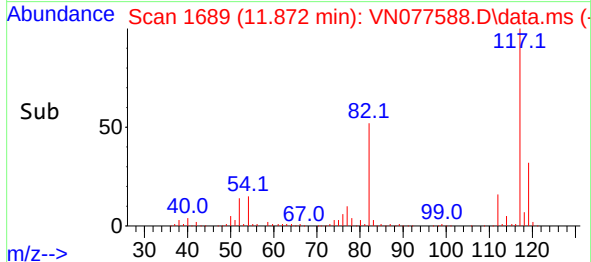
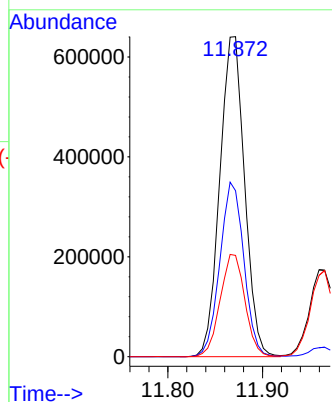
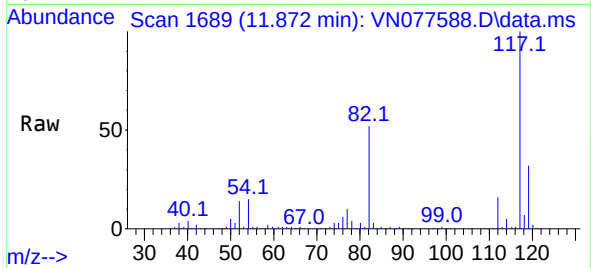




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

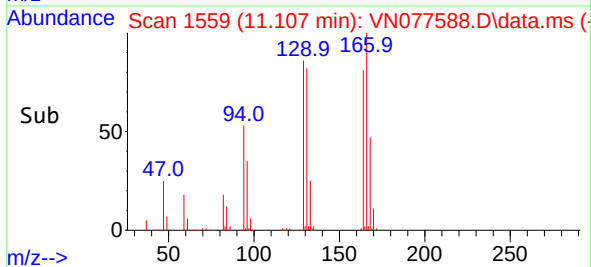
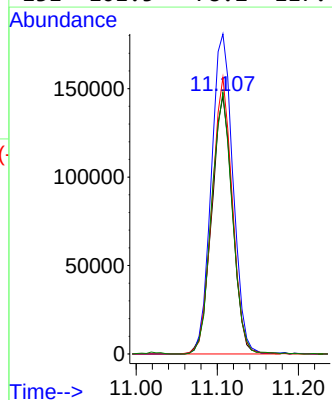
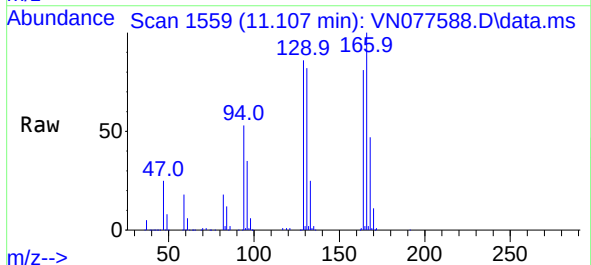
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

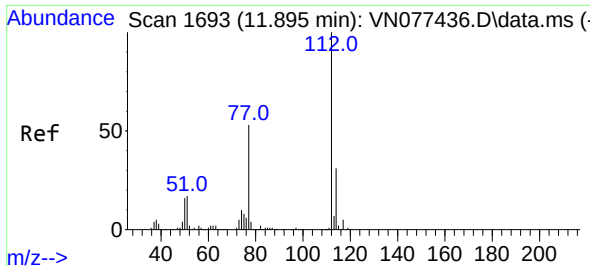
Tgt Ion:117 Resp: 1168963
Ion Ratio Lower Upper
117 100
82 51.8 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 37.071 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:164 Resp: 259406
Ion Ratio Lower Upper
164 100
166 124.2 101.4 152.0
129 107.3 82.4 123.6
131 101.5 78.2 117.4

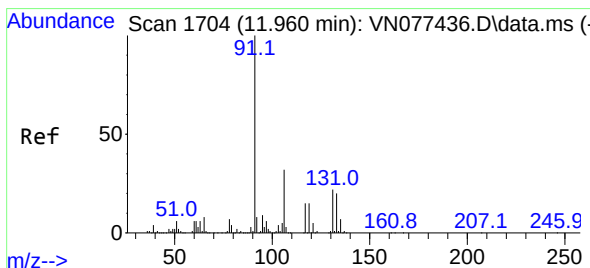
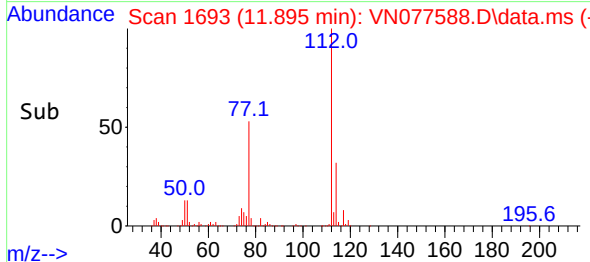
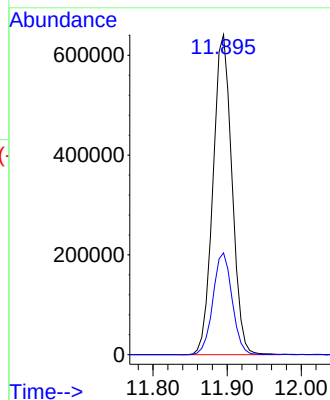
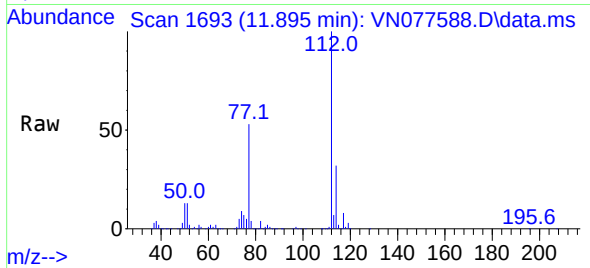




#65
Chlorobenzene
Concen: 45.967 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

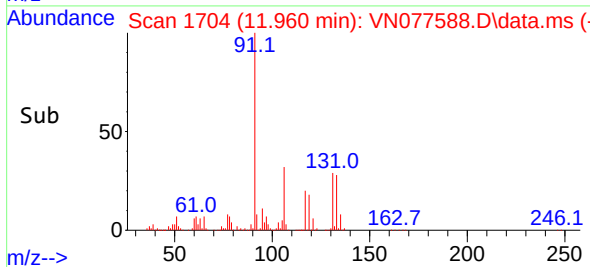
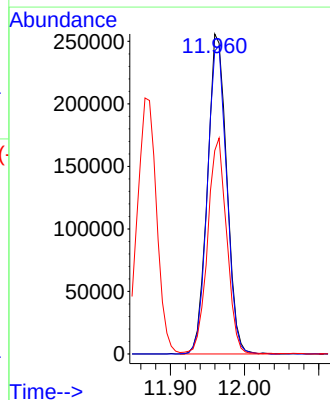
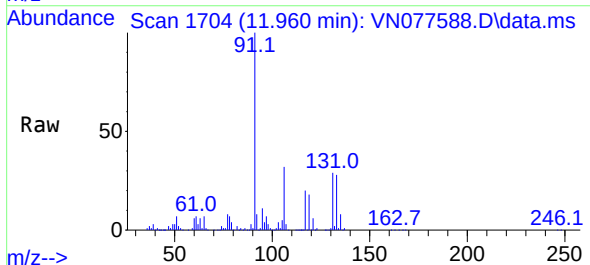
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

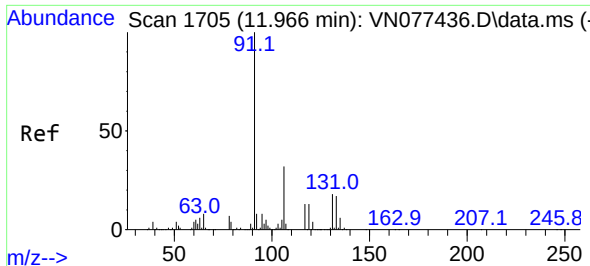
Tgt Ion:112 Resp: 1137045
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.507 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:131 Resp: 463547
Ion Ratio Lower Upper
131 100
133 96.4 46.4 139.1
119 66.1 34.1 102.2

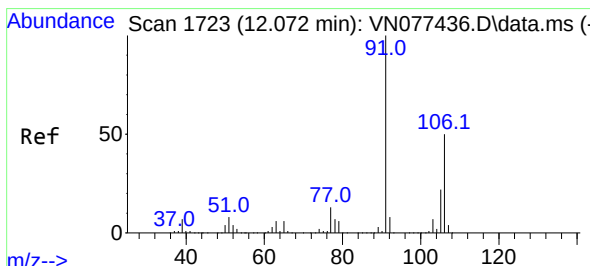
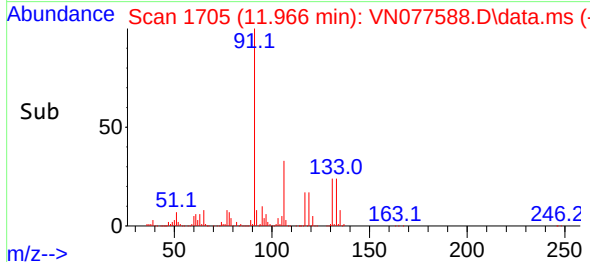
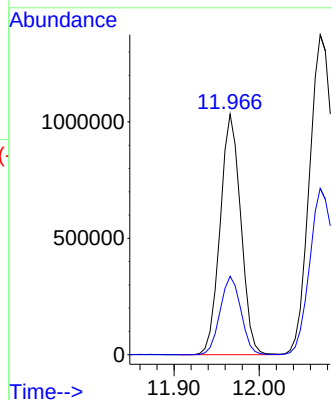
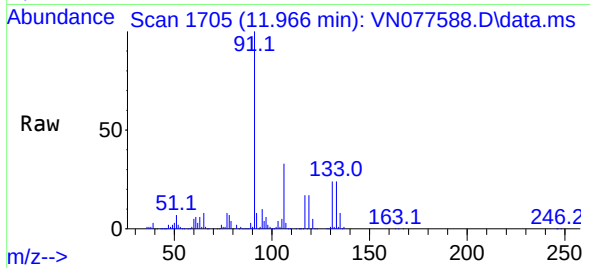




#67
Ethyl Benzene
Concen: 39.942 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

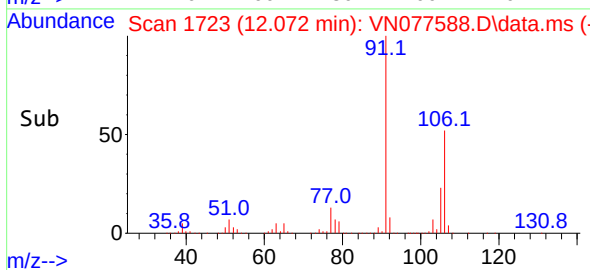
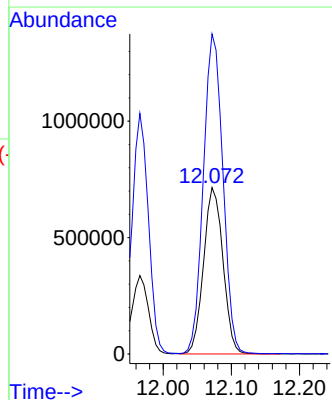
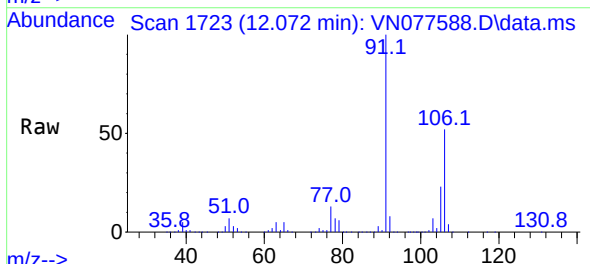
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

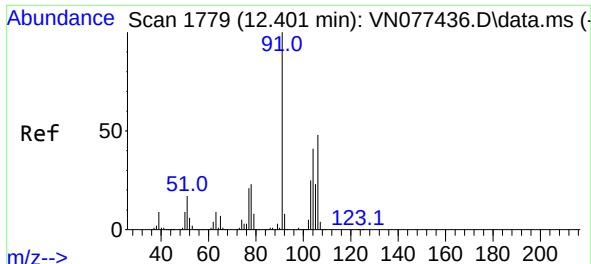
Tgt Ion: 91 Resp: 1739294
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 83.605 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:106 Resp: 1414928
Ion Ratio Lower Upper
106 100
91 193.4 159.6 239.4





#69

o-Xylene

Concen: 45.668 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

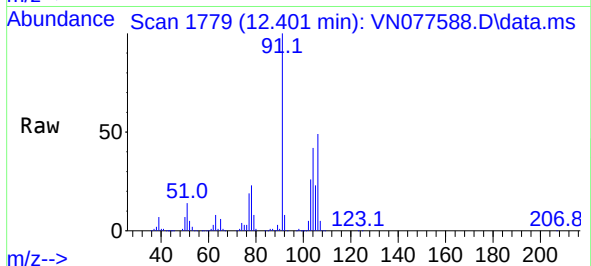
VSTDCCC050EC

Tgt Ion:106 Resp: 760220

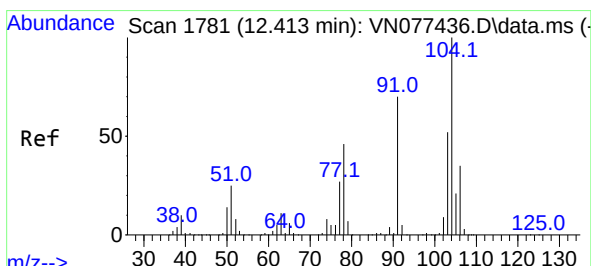
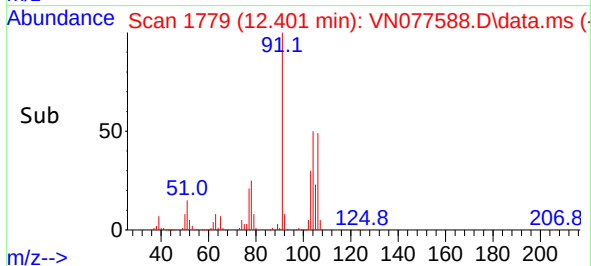
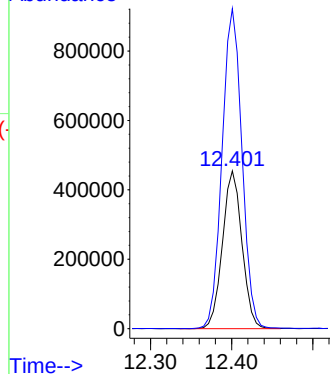
Ion Ratio Lower Upper

106 100

91 206.8 105.2 315.5



Abundance



#70

Styrene

Concen: 48.862 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

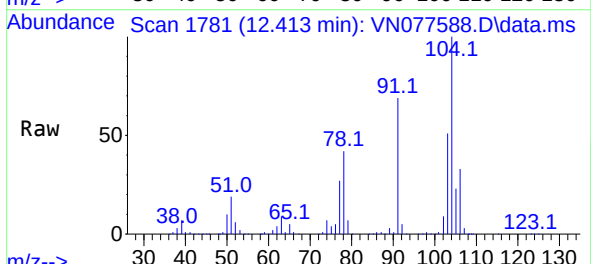
Tgt Ion:104 Resp: 1272038

Ion Ratio Lower Upper

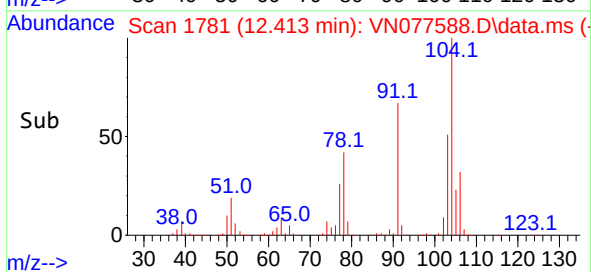
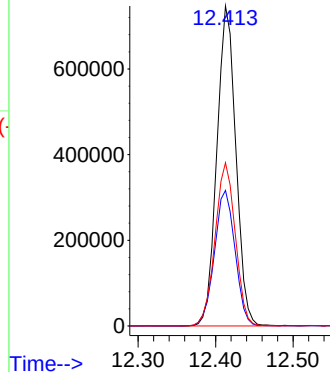
104 100

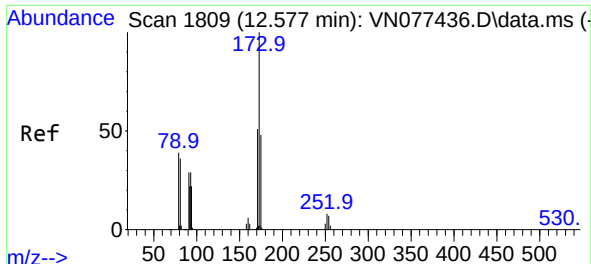
78 46.0 39.5 59.3

103 54.4 43.2 64.8



Abundance

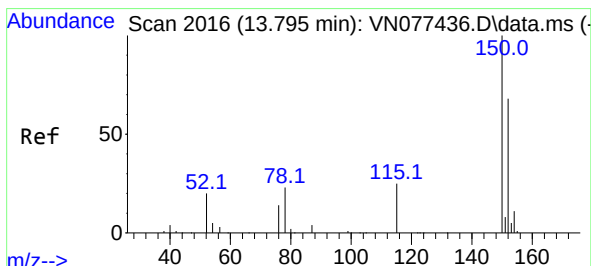
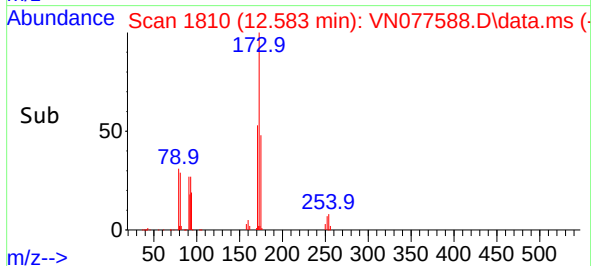
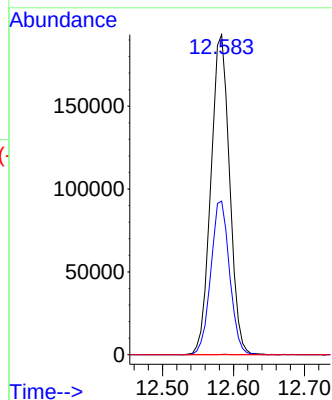
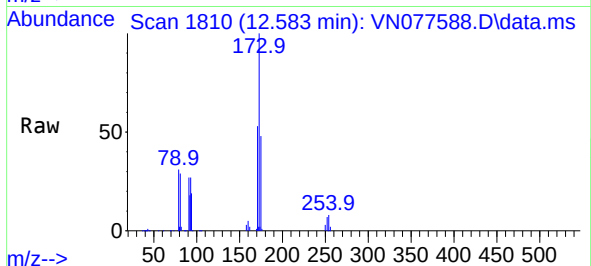




#71
Bromoform
Concen: 60.003 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

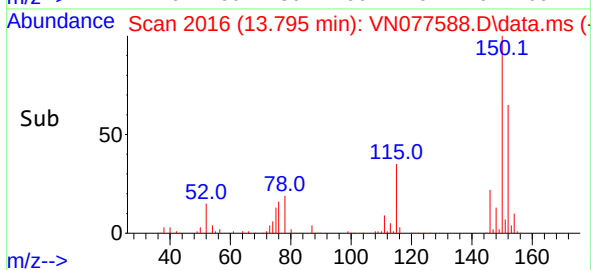
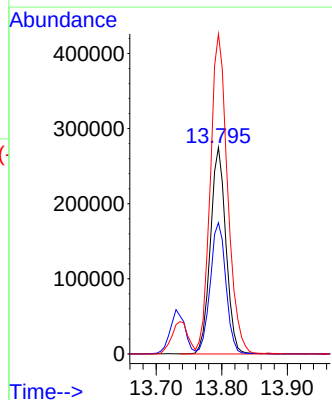
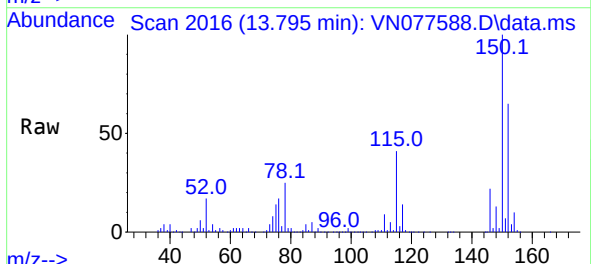
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

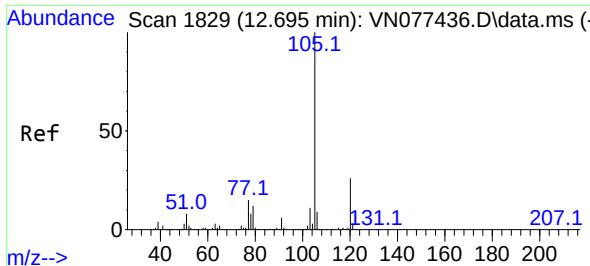
Tgt Ion:173 Resp: 353293
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:152 Resp: 452598
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 171.8 0.0 355.8

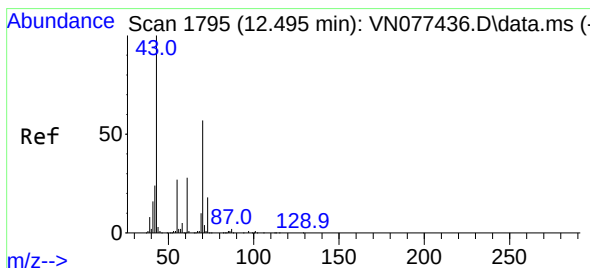
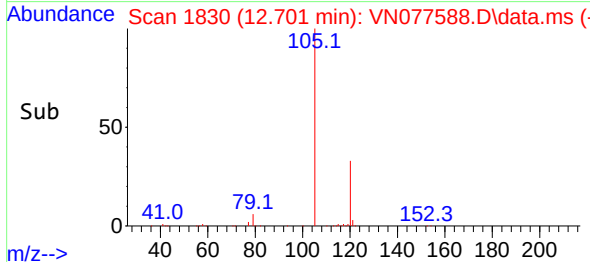
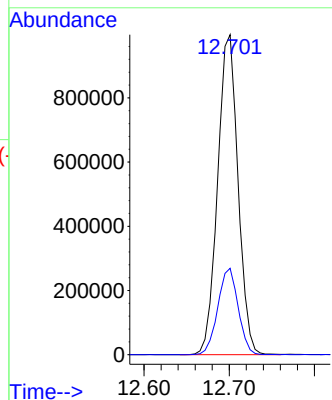
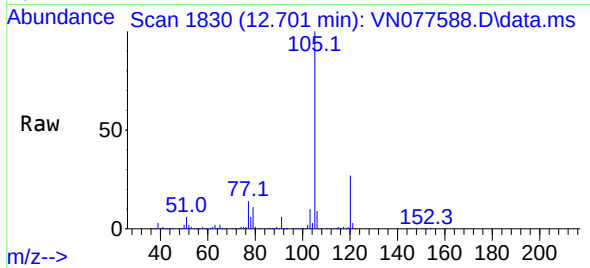




#73
Isopropylbenzene
Concen: 39.431 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

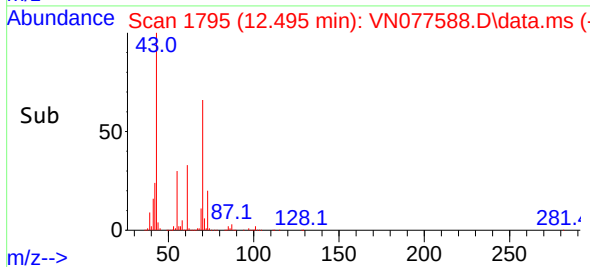
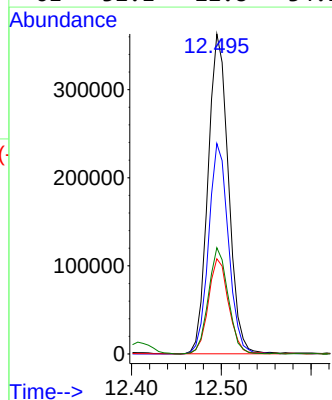
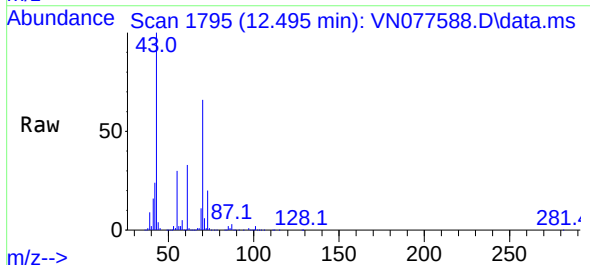
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

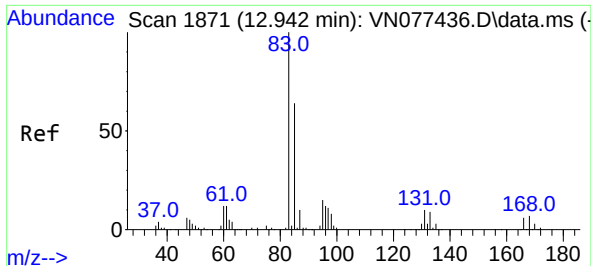
Tgt Ion:105 Resp: 1656072
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1



#74
N-ethyl acetate
Concen: 46.176 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 43 Resp: 574156
Ion Ratio Lower Upper
43 100
70 64.0 43.4 65.2
55 29.7 21.4 32.0
61 32.1 22.8 34.2

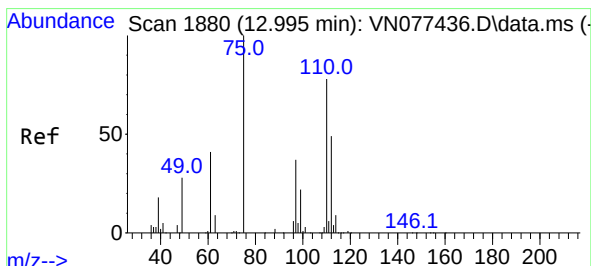
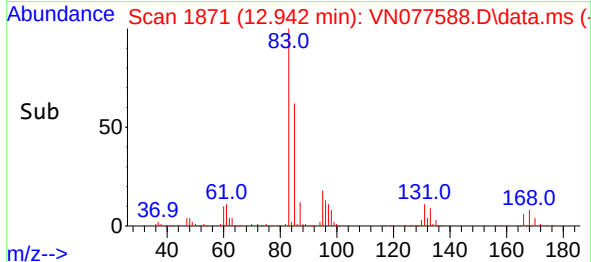
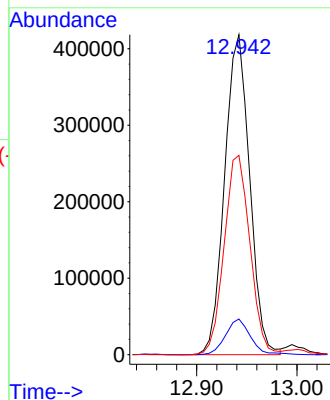
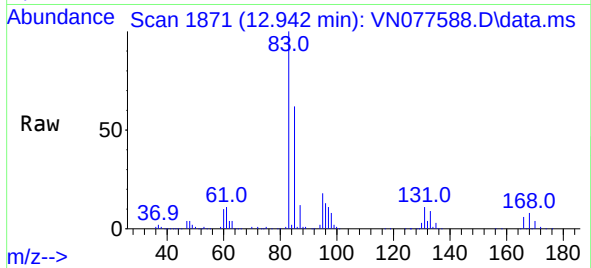




#75
1,1,2,2-Tetrachloroethane
Concen: 54.891 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

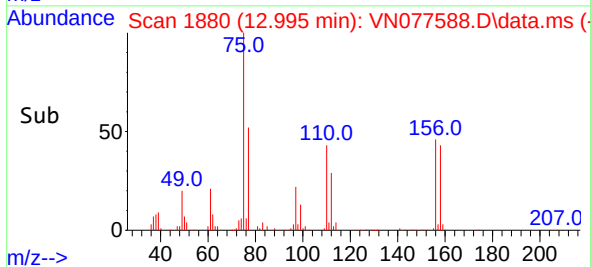
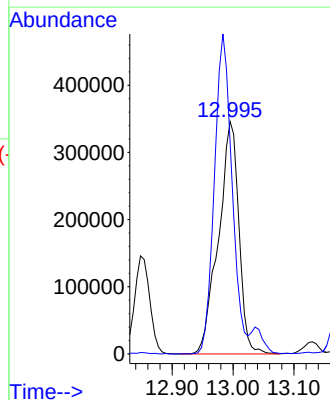
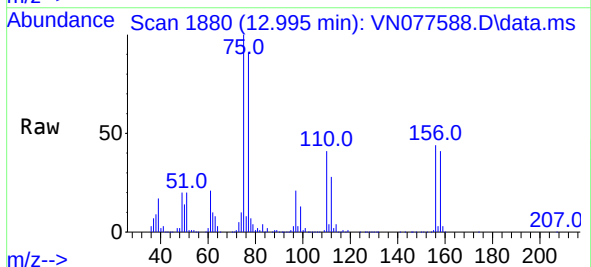
Instrument :
MSVOA_N
ClientSampleId :
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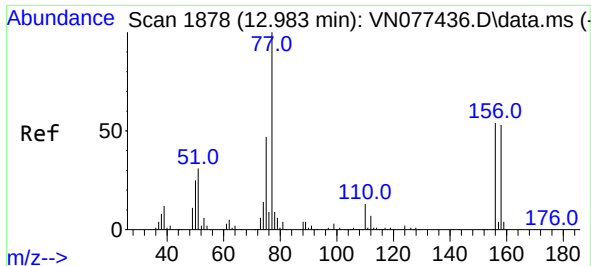
Tgt Ion: 83 Resp: 724355
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 64.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 76.632 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 75 Resp: 806532
Ion Ratio Lower Upper
75 100
77 118.8 84.5 253.5

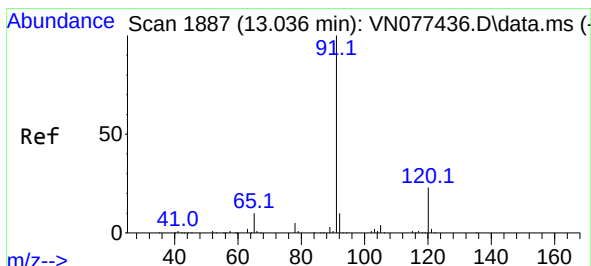
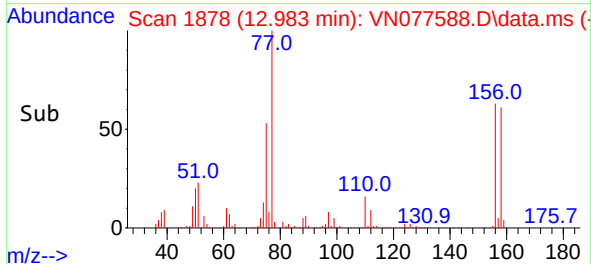
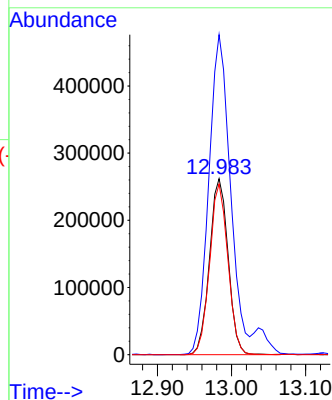
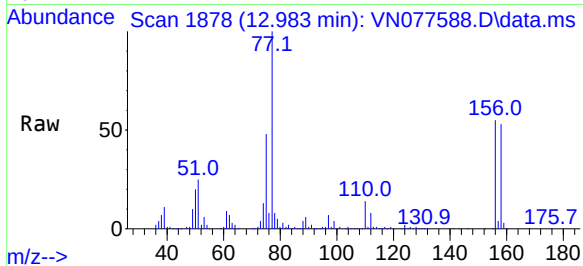




#77
Bromobenzene
Concen: 49.962 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

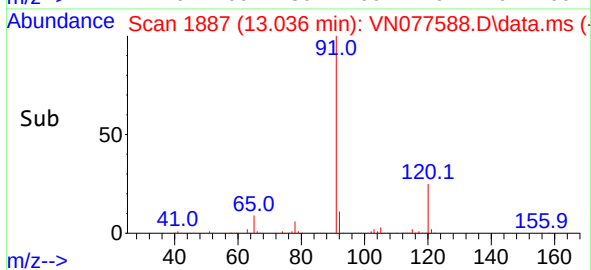
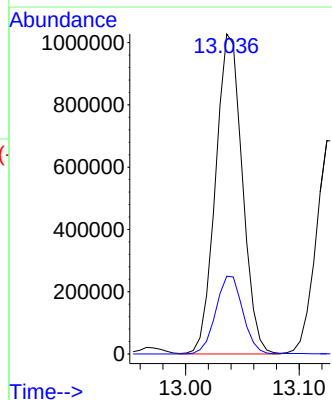
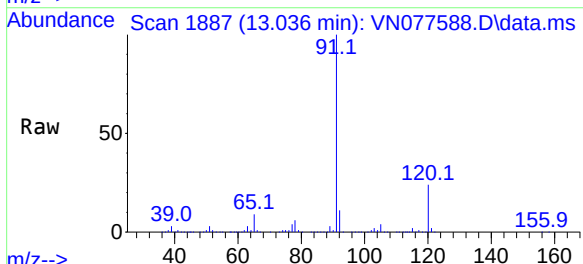
Instrument :
MSVOA_N
ClientSampleId :
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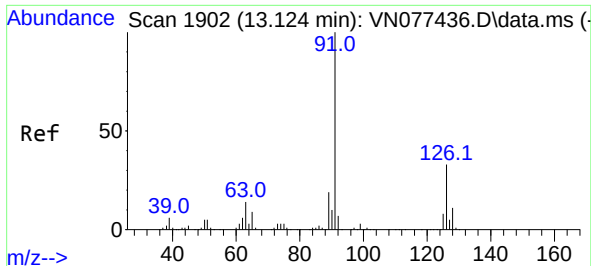
Tgt Ion:156 Resp: 457320
Ion Ratio Lower Upper
156 100
77 209.5 107.7 323.3
158 95.0 48.4 145.3



#78
n-propylbenzene
Concen: 36.279 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 91 Resp: 1684744
Ion Ratio Lower Upper
91 100
120 24.5 11.5 34.4

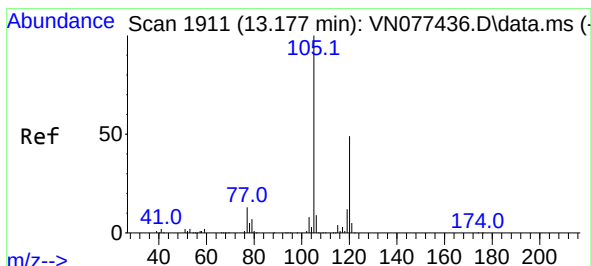
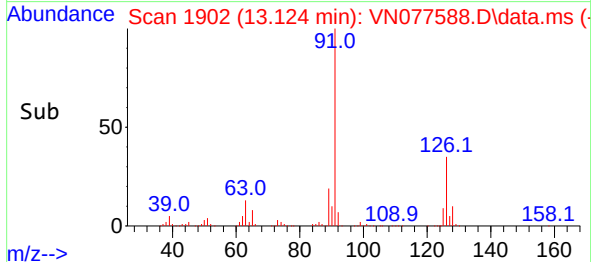
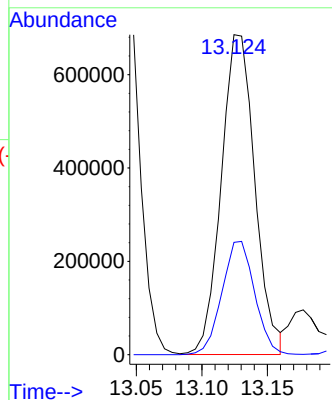
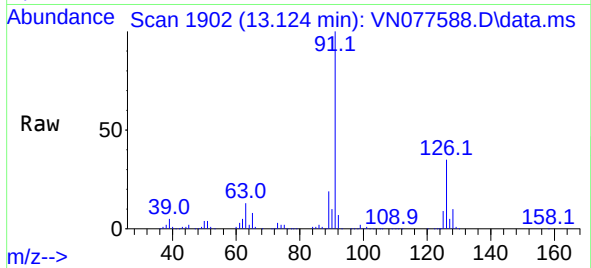




#79
2-Chlorotoluene
Concen: 42.752 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

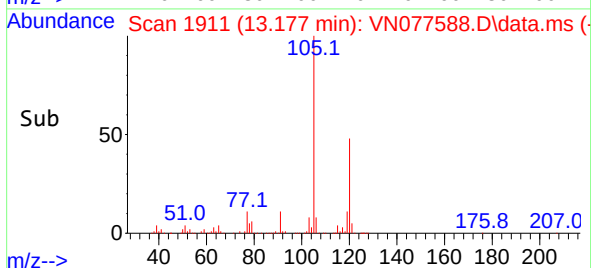
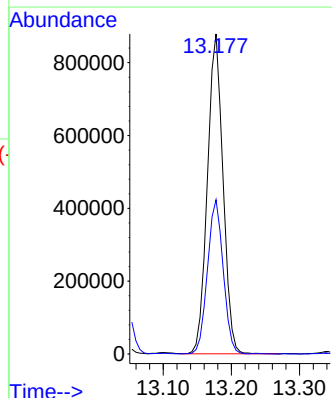
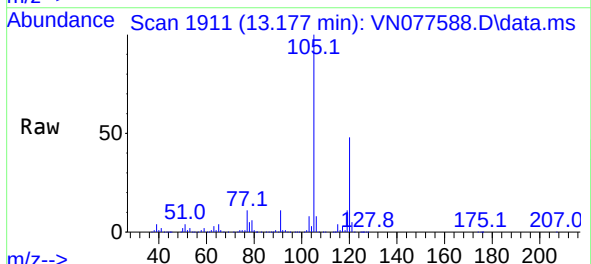
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

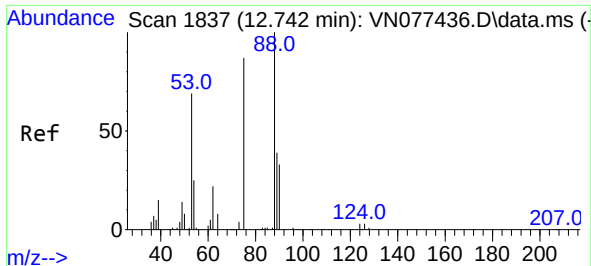
Tgt Ion: 91 Resp: 1224071
Ion Ratio Lower Upper
91 100
126 34.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 44.914 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 105 Resp: 1400865
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

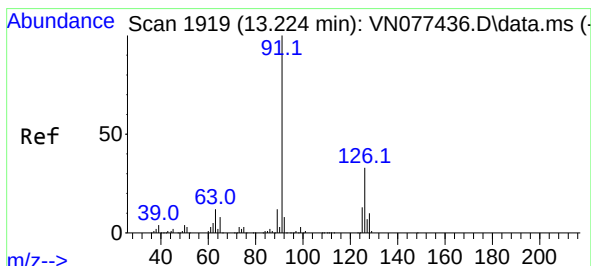
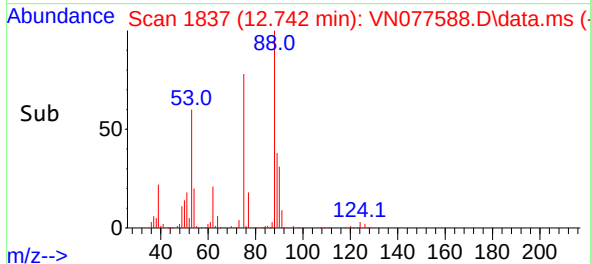
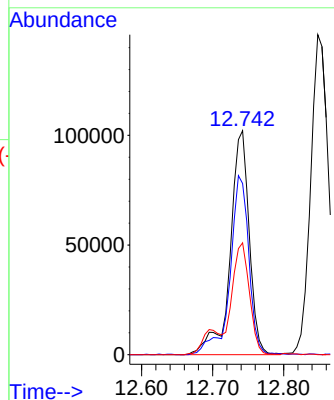
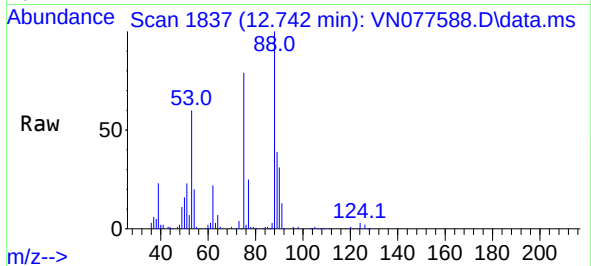




#81
trans-1,4-Dichloro-2-butene
Concen: 51.230 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

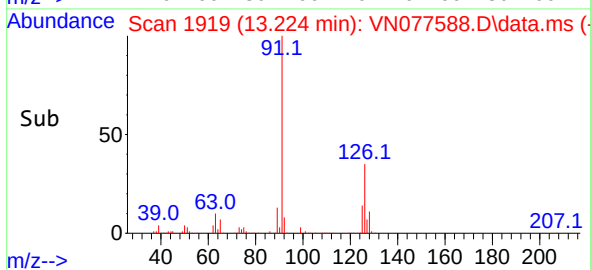
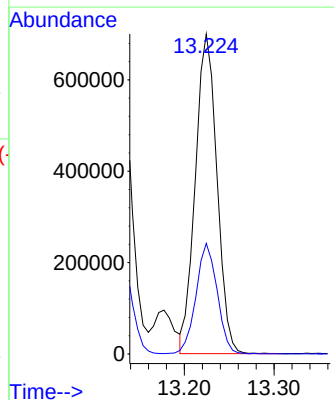
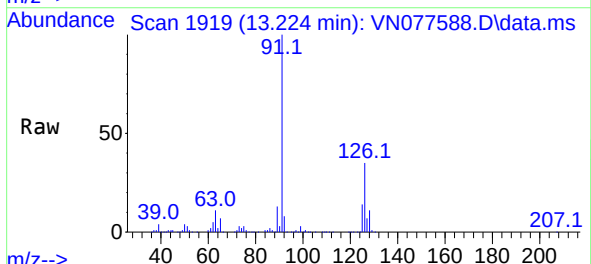
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

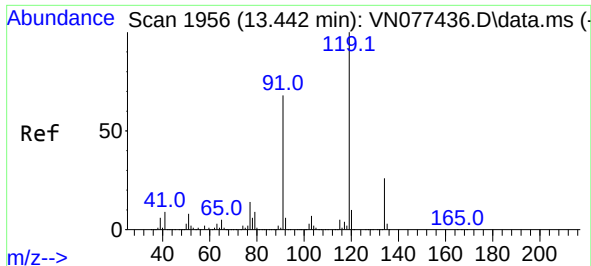
Tgt Ion: 75 Resp: 190850
Ion Ratio Lower Upper
75 100
53 78.9 67.4 101.2
89 44.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 43.711 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 91 Resp: 1169453
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

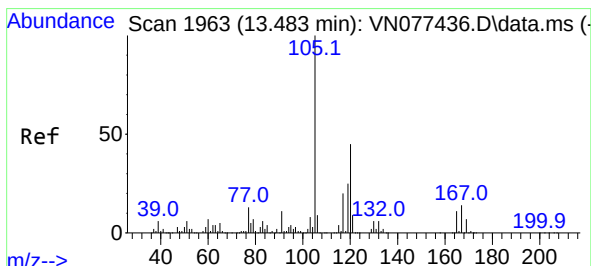
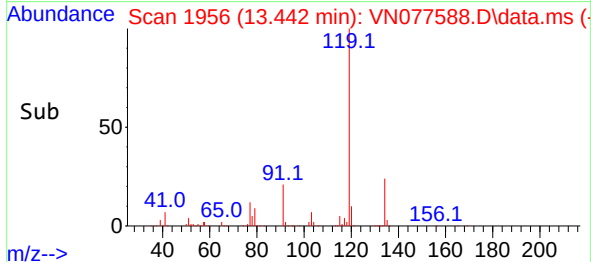
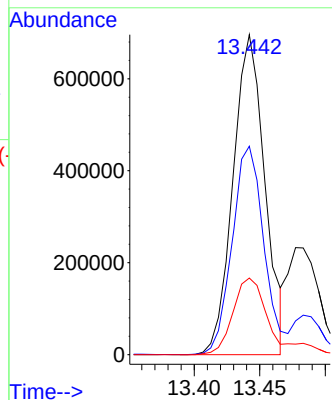
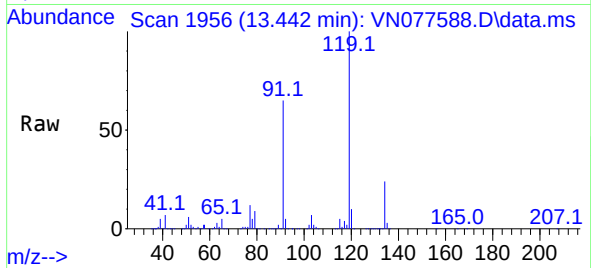




#83
tert-Butylbenzene
Concen: 38.804 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

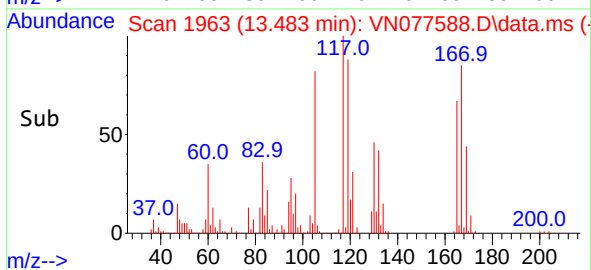
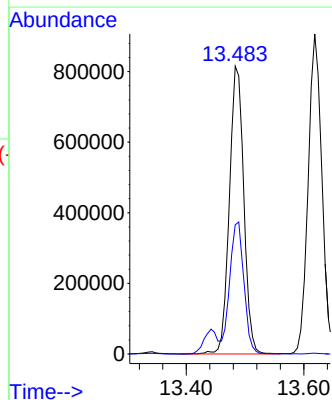
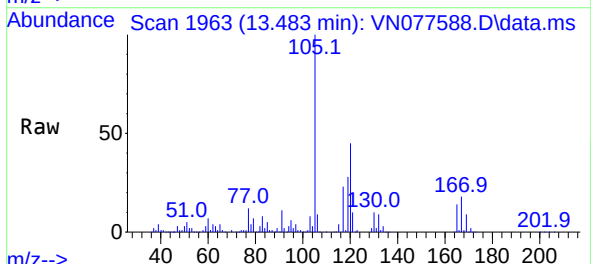
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

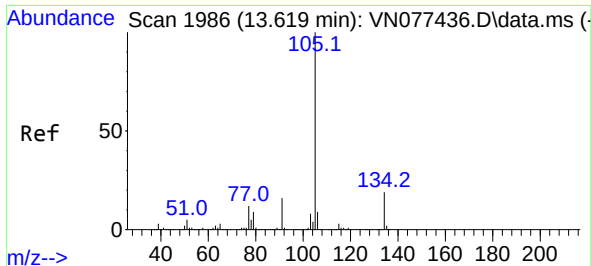
Tgt Ion:119 Resp: 1175335
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 27.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 47.618 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:105 Resp: 1387066
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0

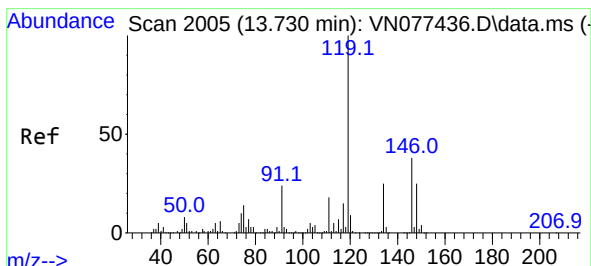
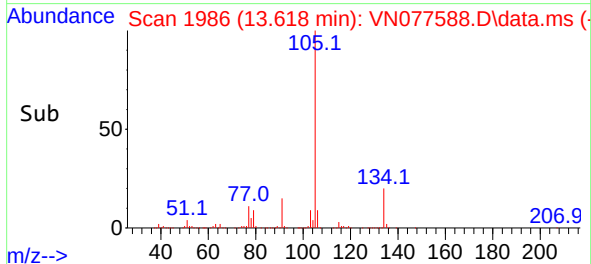
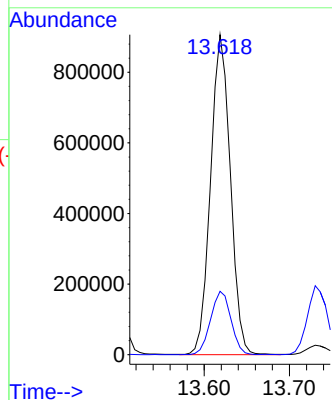
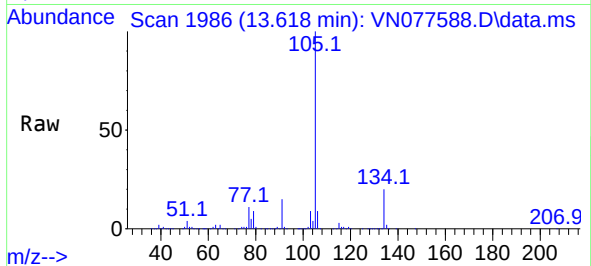




#85
 sec-Butylbenzene
 Concen: 35.232 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

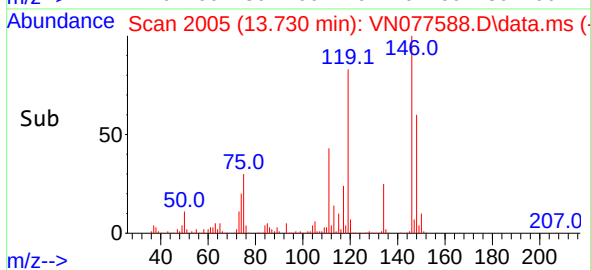
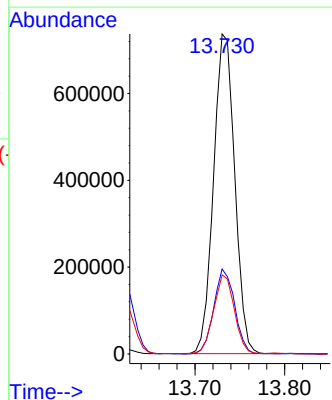
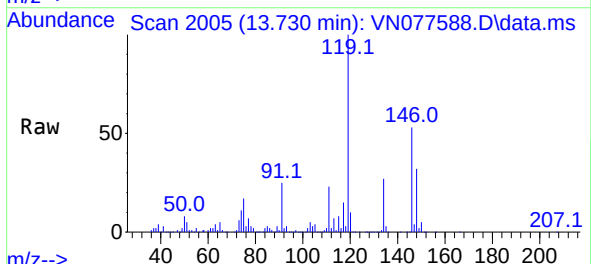
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

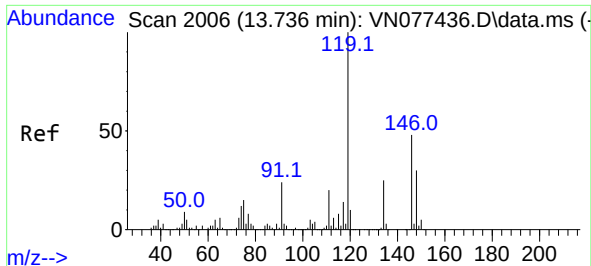
Tgt Ion:105 Resp: 1464775
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 37.694 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077588.D
 Acq: 04 May 2023 19:02

Tgt Ion:119 Resp: 1205743
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.032 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

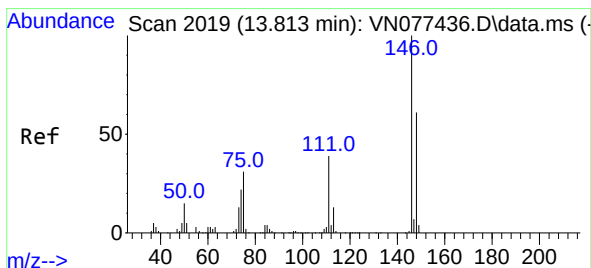
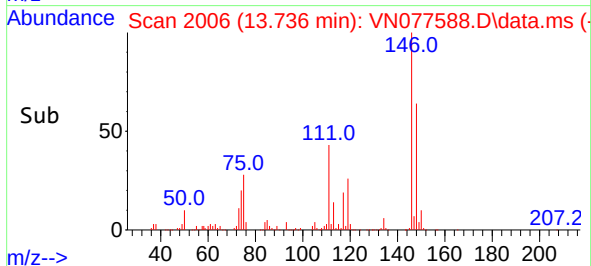
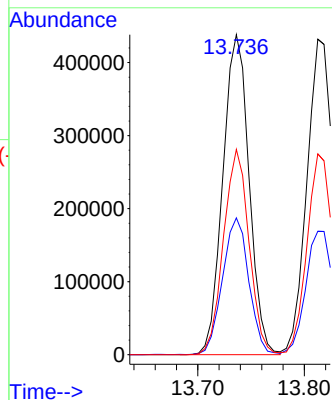
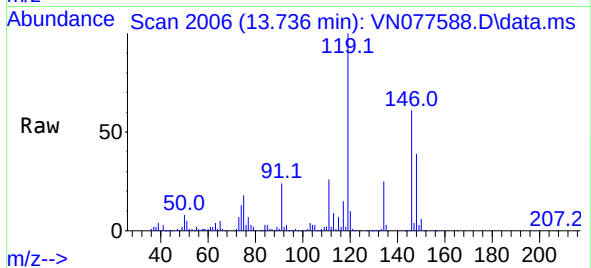
Tgt Ion:146 Resp: 749333

Ion Ratio Lower Upper

146 100

111 42.9 22.1 66.3

148 62.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 46.414 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

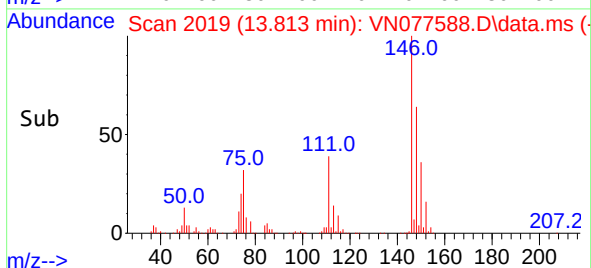
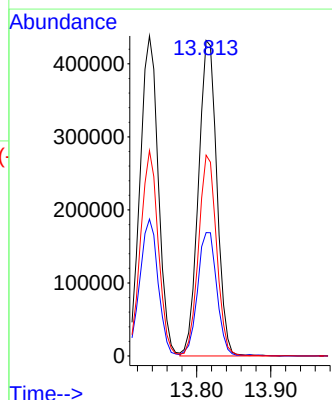
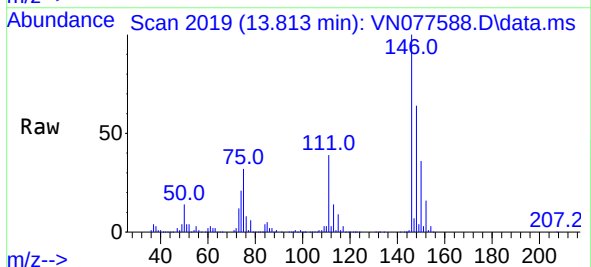
Tgt Ion:146 Resp: 746006

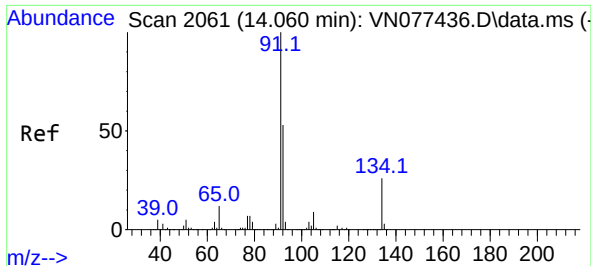
Ion Ratio Lower Upper

146 100

111 40.2 20.6 61.8

148 61.9 31.6 94.8

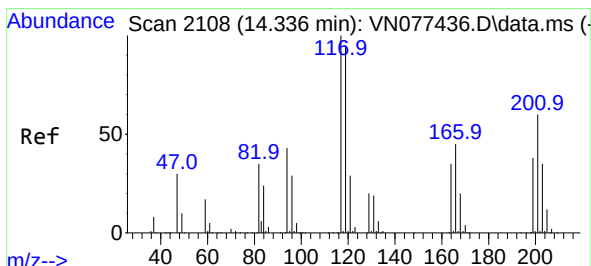
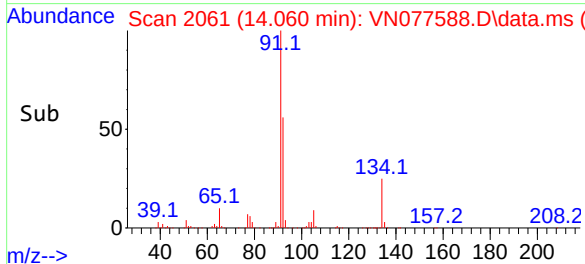
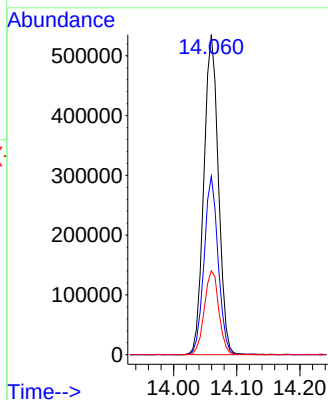
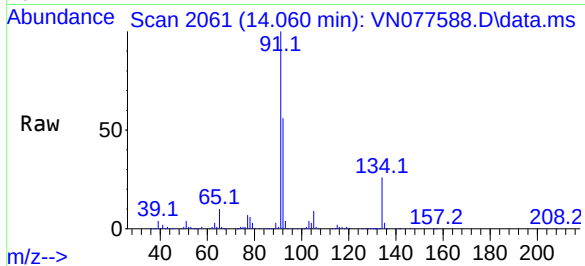




#89
n-Butylbenzene
Concen: 34.642 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

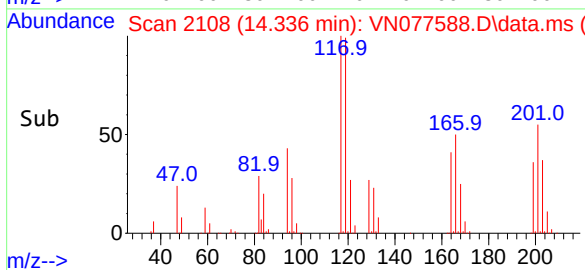
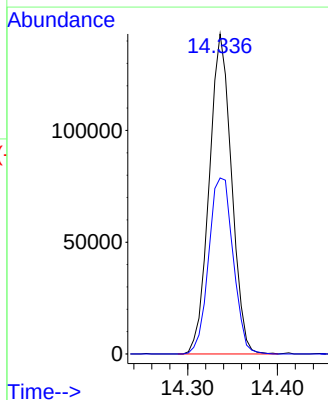
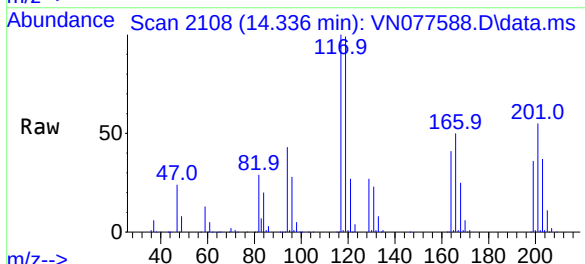
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

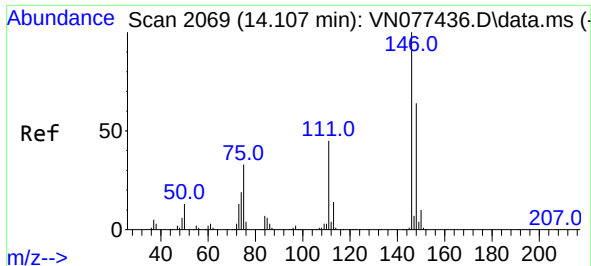
Tgt Ion: 91 Resp: 857566
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.0
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 35.022 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 117 Resp: 247502
Ion Ratio Lower Upper
117 100
201 60.2 29.3 88.0

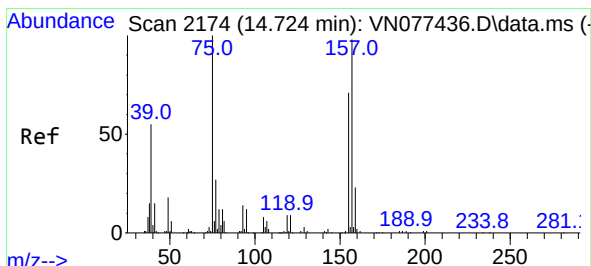
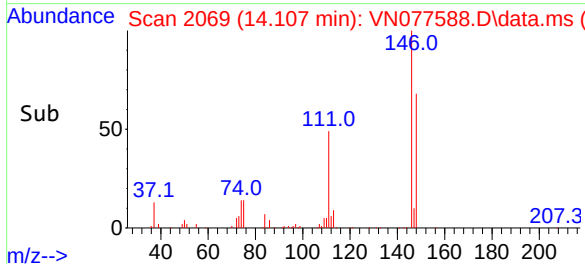
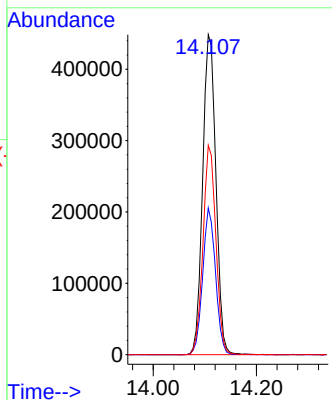
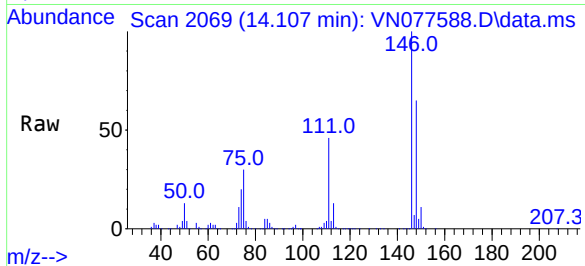




#91
1,2-Dichlorobenzene
Concen: 49.445 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

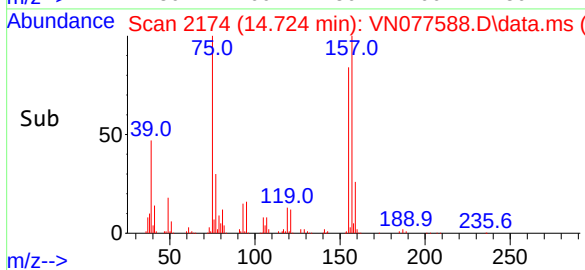
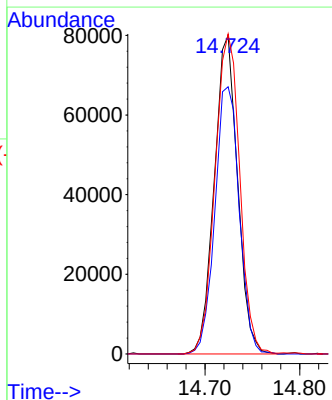
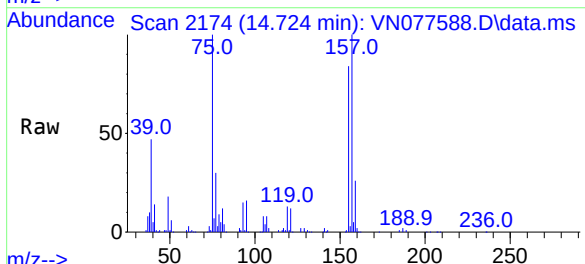
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

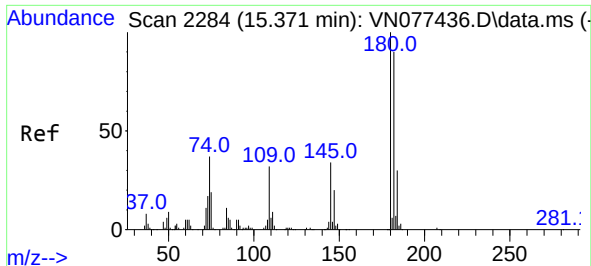
Tgt Ion:146 Resp: 798316
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 63.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.054 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion: 75 Resp: 136788
Ion Ratio Lower Upper
75 100
155 87.7 39.1 117.2
157 106.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.997 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

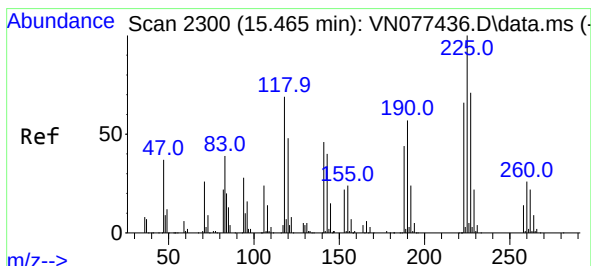
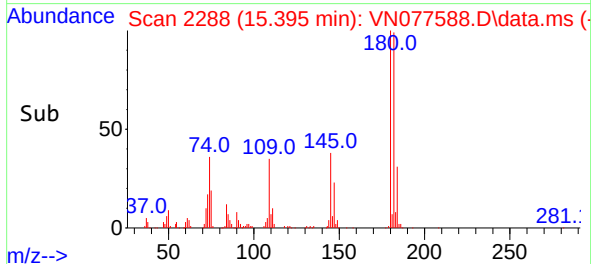
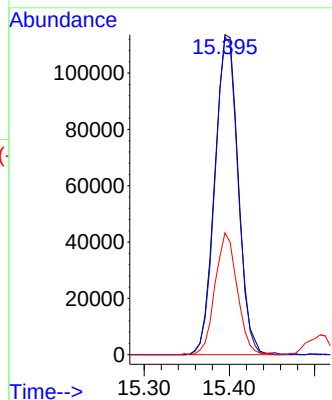
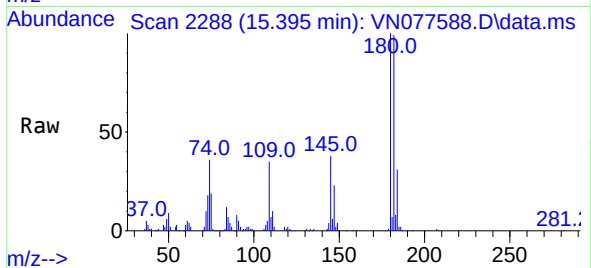
Tgt Ion:180 Resp: 217225

Ion Ratio Lower Upper

180 100

182 97.5 46.1 138.2

145 36.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 32.602 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.042 min

Lab File: VN077588.D

Acq: 04 May 2023 19:02

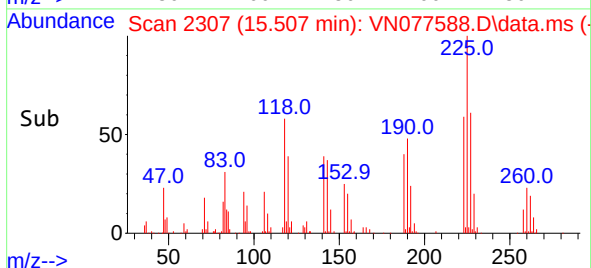
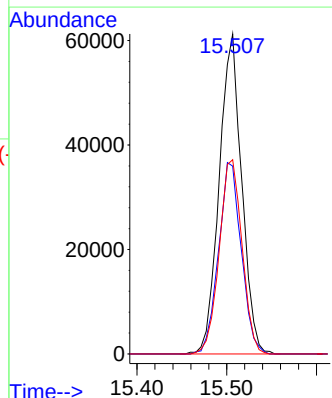
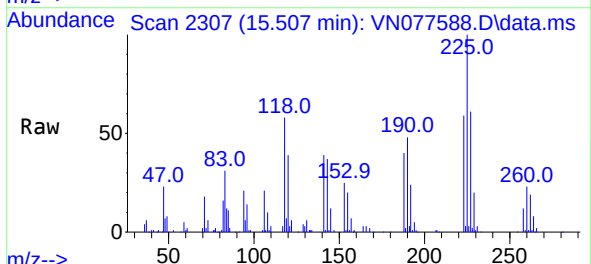
Tgt Ion:225 Resp: 106367

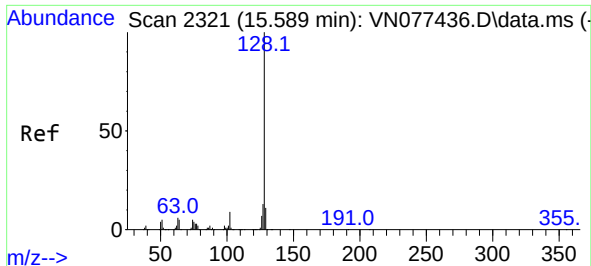
Ion Ratio Lower Upper

225 100

223 60.6 31.3 93.8

227 61.6 31.9 95.9

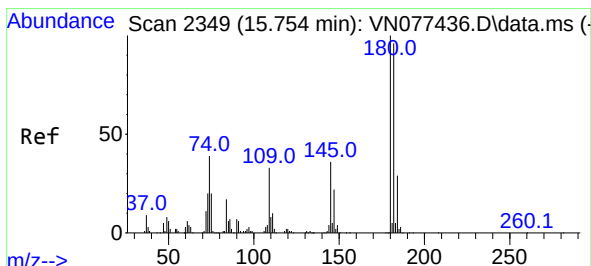
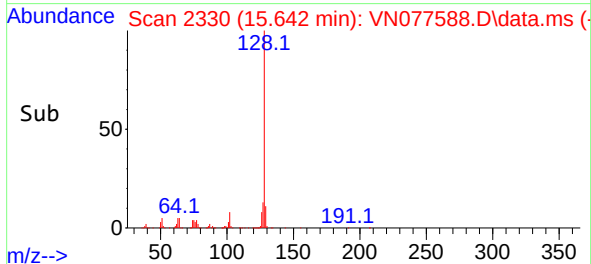
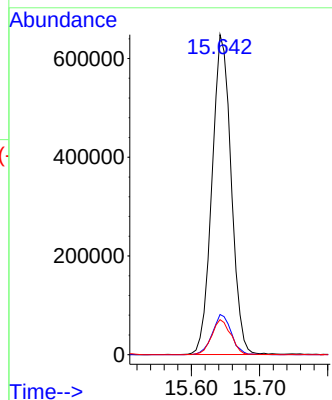
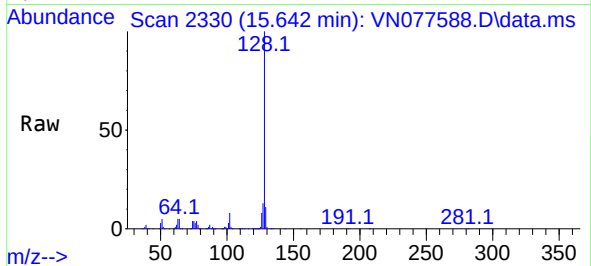




#95
Naphthalene
Concen: 59.535 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1271034
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.199 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077588.D
Acq: 04 May 2023 19:02

Tgt Ion:180 Resp: 223983
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 37.7 17.5 52.6

