

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077829.D
 Acq On : 23 May 2023 23:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 02:57:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	372665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	675641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	588148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	254902	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	294099	52.743	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.480%	
35) Dibromofluoromethane	8.171	113	254782	57.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.660%	
50) Toluene-d8	10.570	98	939742	55.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.853	95	316932	52.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	207763	48.987	ug/l	99
3) Chloromethane	2.371	50	206130	45.685	ug/l	100
4) Vinyl Chloride	2.518	62	261759	48.952	ug/l	98
5) Bromomethane	2.953	94	189376	47.886	ug/l	91
6) Chloroethane	3.124	64	185444	48.122	ug/l	100
7) Trichlorofluoromethane	3.506	101	392757	52.705	ug/l	96
8) Diethyl Ether	3.971	74	140493	51.642	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	218064	52.877	ug/l	96
10) Methyl Iodide	4.600	142	289149	58.791	ug/l	98
11) Tert butyl alcohol	5.530	59	200725	260.836	ug/l	100
12) 1,1-Dichloroethene	4.347	96	205322	52.383	ug/l	94
13) Acrolein	4.189	56	142496	303.831	ug/l	95
14) Allyl chloride	5.030	41	269926	46.878	ug/l	95
15) Acrylonitrile	5.730	53	518026	251.967	ug/l	97
16) Acetone	4.436	43	403634	230.084	ug/l	99
17) Carbon Disulfide	4.718	76	438093	41.482	ug/l	99
18) Methyl Acetate	5.030	43	370819	50.386	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	758012	53.428	ug/l	96
20) Methylene Chloride	5.283	84	248637	54.636	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	221586	50.328	ug/l	84
22) Diisopropyl ether	6.677	45	710236	52.624	ug/l	93
23) Vinyl Acetate	6.612	43	2075130	248.156	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	446240	53.968	ug/l	99
25) 2-Butanone	7.488	43	656493	239.226	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	331340	47.167	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	288121	54.576	ug/l	96
28) Bromochloromethane	7.818	49	193459	54.099	ug/l	92
29) Tetrahydrofuran	7.841	42	419721	233.580	ug/l	87
30) Chloroform	7.977	83	488842	53.744	ug/l	96
31) Cyclohexane	8.265	56	349454	46.111	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	435797	56.354	ug/l	97
36) 1,1-Dichloropropene	8.376	75	339344	52.659	ug/l	98
37) Ethyl Acetate	7.565	43	265535	46.231	ug/l	97
38) Carbon Tetrachloride	8.371	117	377642	58.034	ug/l	98
39) Methylcyclohexane	9.606	83	399937	50.694	ug/l	94
40) Benzene	8.612	78	1017104	53.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	148074	48.408	ug/l	97
42) 1,2-Dichloroethane	8.676	62	360847	52.237	ug/l	97
43) Isopropyl Acetate	8.694	43	531026	56.602	ug/l #	92
44) Trichloroethene	9.359	130	269183	55.904	ug/l	96
45) 1,2-Dichloropropane	9.629	63	271575	55.988	ug/l	100
46) Dibromomethane	9.718	93	187681	54.073	ug/l	94
47) Bromodichloromethane	9.894	83	386931	58.228	ug/l	97
48) Methyl methacrylate	9.688	41	223944	50.346	ug/l	90
49) 1,4-Dioxane	9.700	88	91856	1093.365	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1449981	260.010	ug/l	94
52) Toluene	10.635	92	663828	56.073	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	389242	55.314	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	419883	54.146	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	266179	56.626	ug/l	96
56) Ethyl methacrylate	10.882	69	388318	54.636	ug/l	92
57) 1,3-Dichloropropane	11.170	76	448887	55.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	857100	245.127	ug/l	94
59) 2-Hexanone	11.200	43	1018408	246.898	ug/l	92
60) Dibromochloromethane	11.365	129	294787	60.747	ug/l	98
61) 1,2-Dibromoethane	11.476	107	270841	57.755	ug/l	98
64) Tetrachloroethene	11.112	164	222024	53.980	ug/l	98
65) Chlorobenzene	11.900	112	731637	57.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	277488	62.897	ug/l	97
67) Ethyl Benzene	11.970	91	1294911	56.672	ug/l	100
68) m/p-Xylenes	12.076	106	1003515	115.909	ug/l	100
69) o-Xylene	12.406	106	495587	58.205	ug/l	98
70) Styrene	12.417	104	809693	59.863	ug/l	99
71) Bromoform	12.582	173	190144	64.788	ug/l #	98
73) Isopropylbenzene	12.700	105	1309824	59.612	ug/l	99
74) N-amyl acetate	12.500	43	404521	49.807	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	375691	55.579	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	443659	69.499	ug/l	74
77) Bromobenzene	12.988	156	291177	58.069	ug/l	95
78) n-propylbenzene	13.041	91	1478960	57.093	ug/l	99
79) 2-Chlorotoluene	13.129	91	888822	57.501	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1102004	59.674	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	101715	50.932	ug/l	93
82) 4-Chlorotoluene	13.229	91	840120	54.625	ug/l	97
83) tert-Butylbenzene	13.447	119	978540	60.697	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1079599	59.442	ug/l	98
85) sec-Butylbenzene	13.623	105	1351384	58.982	ug/l	100
86) p-Isopropyltoluene	13.735	119	1120584	61.348	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	529025	57.049	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	508637	55.275	ug/l	99
89) n-Butylbenzene	14.064	91	916530	54.553	ug/l	99
90) Hexachloroethane	14.341	117	200003	66.652	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	521094	60.151	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63474	48.502	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	244872	48.370	ug/l	98
94) Hexachlorobutadiene	15.505	225	120873	57.506	ug/l	97
95) Naphthalene	15.647	128	749449	43.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.852	180	251289	50.697	ug/l	99

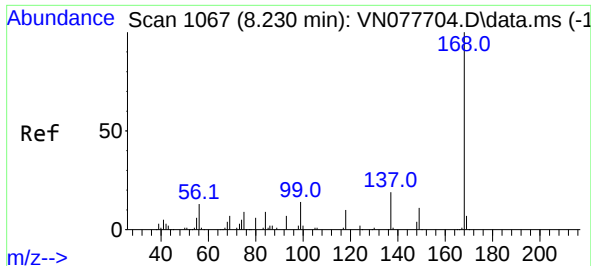
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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

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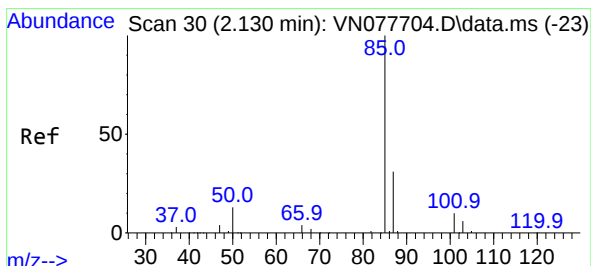
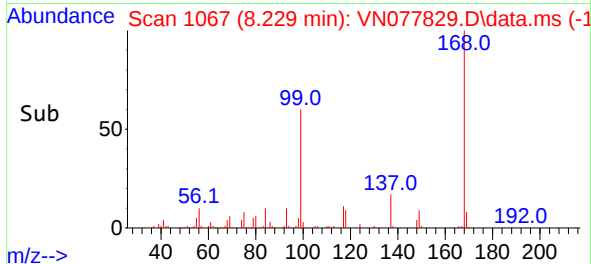
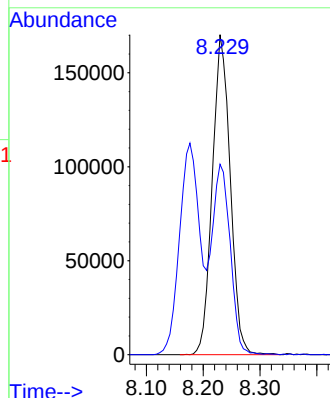
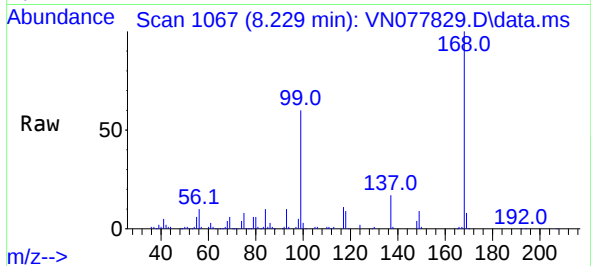
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

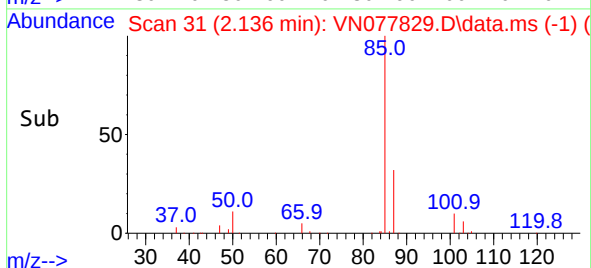
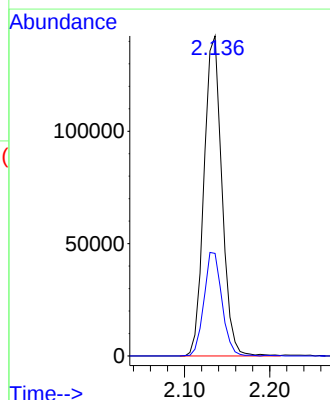
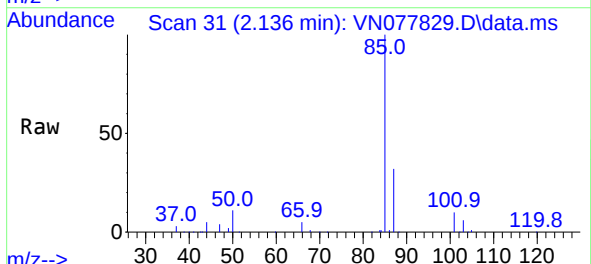
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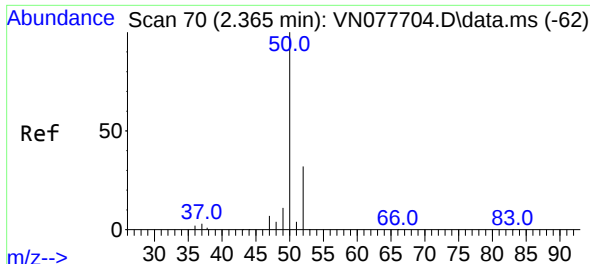
Tgt Ion:168 Resp: 372665
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 48.987 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 85 Resp: 207763
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

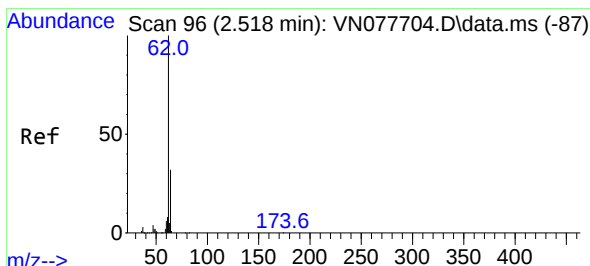
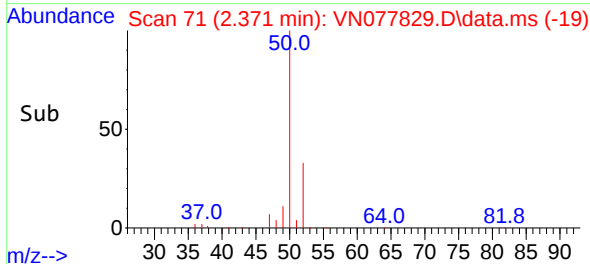
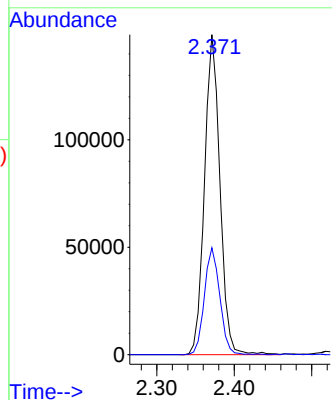
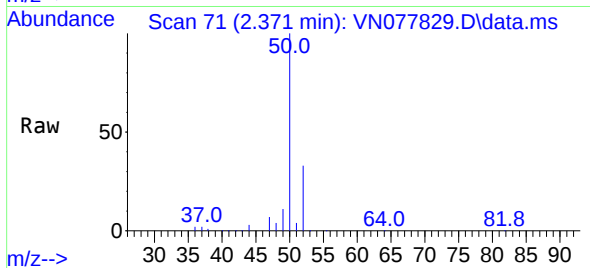




#3
Chloromethane
Concen: 45.685 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

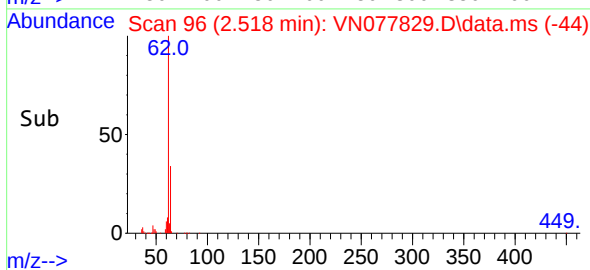
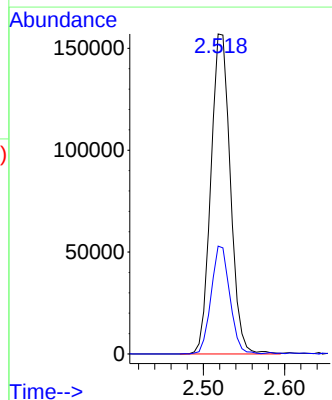
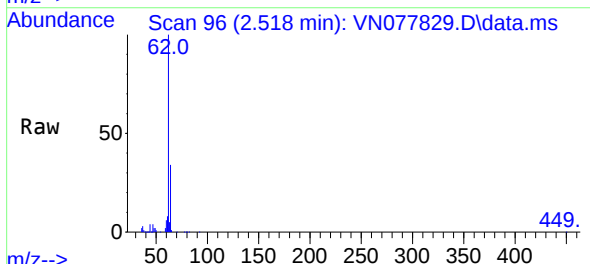
Instrument :
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ClientSampleId :
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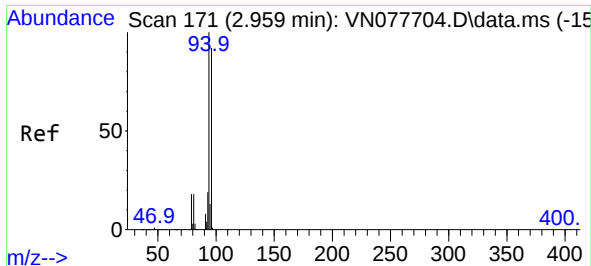
Tgt Ion: 50 Resp: 206130
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 48.952 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 62 Resp: 261759
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2

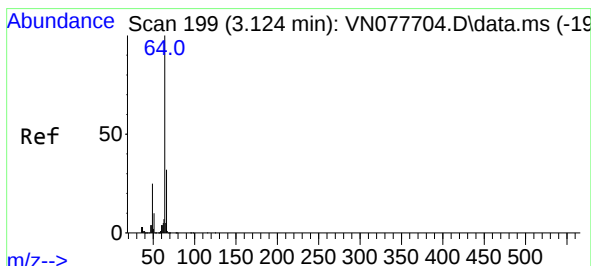
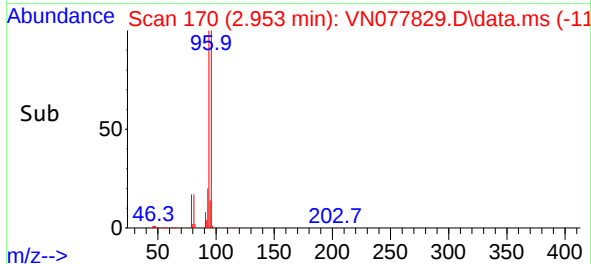
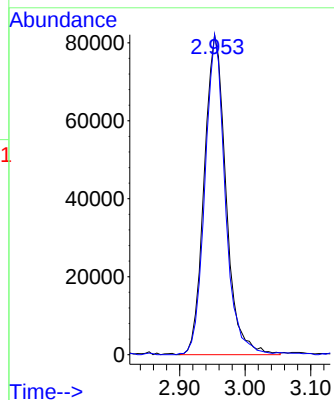
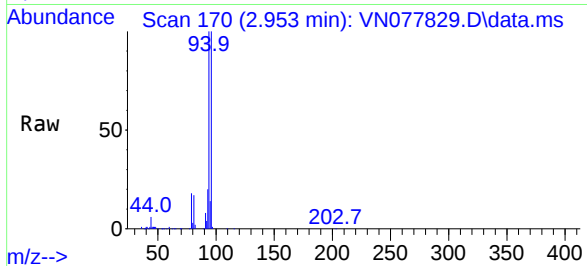




#5
Bromomethane
Concen: 47.886 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

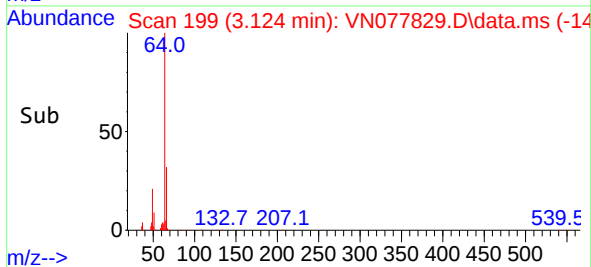
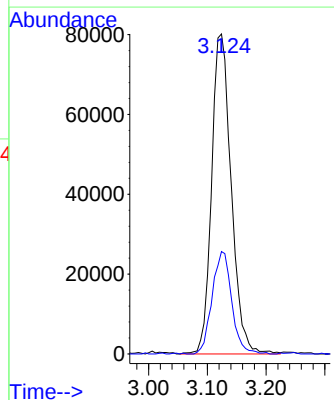
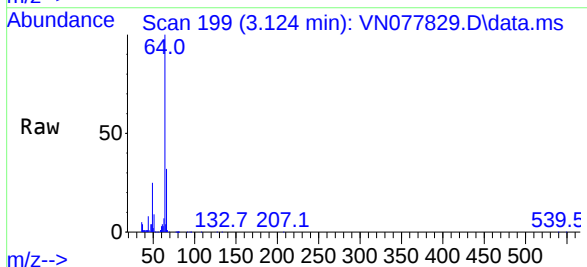
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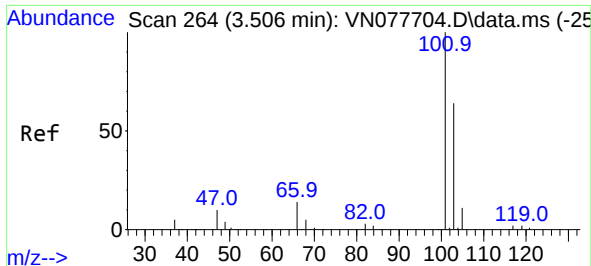
Tgt Ion: 94 Resp: 189376
Ion Ratio Lower Upper
94 100
96 99.7 73.1 109.7



#6
Chloroethane
Concen: 48.122 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 64 Resp: 185444
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2

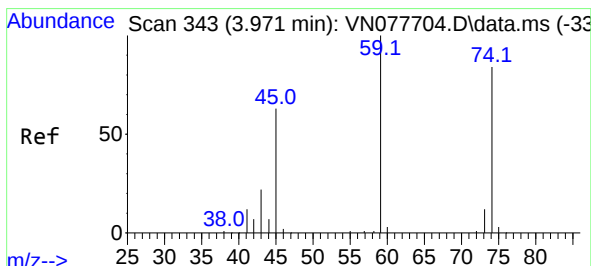
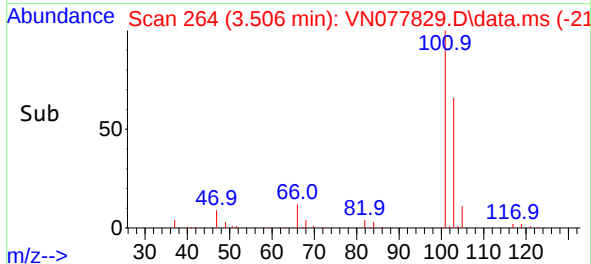
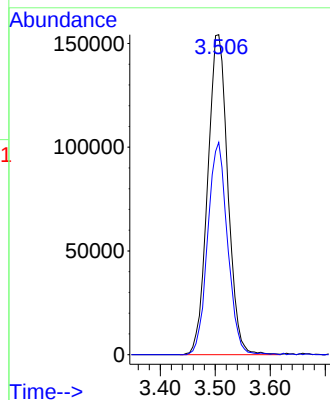
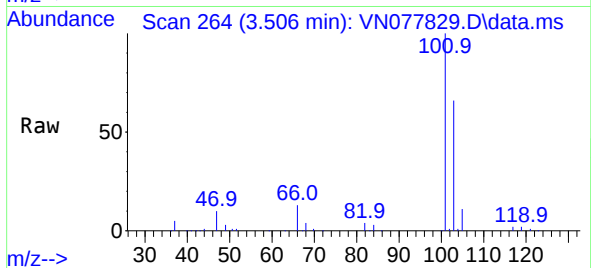




#7
Trichlorofluoromethane
Concen: 52.705 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077829.D
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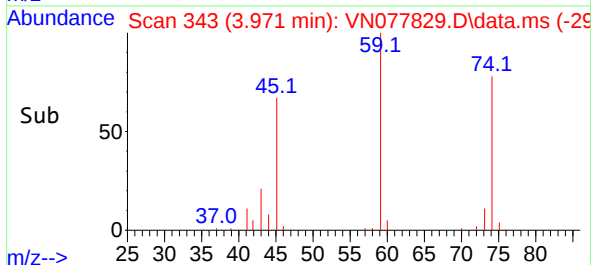
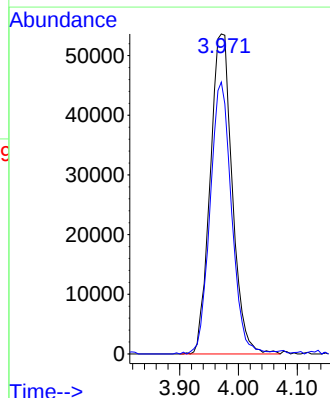
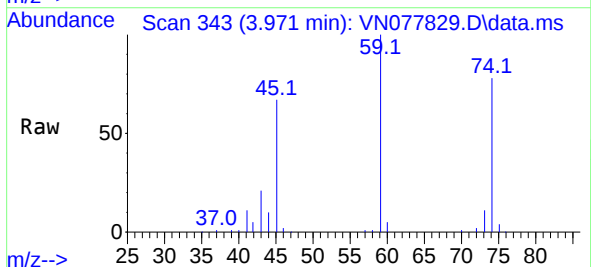
Instrument :
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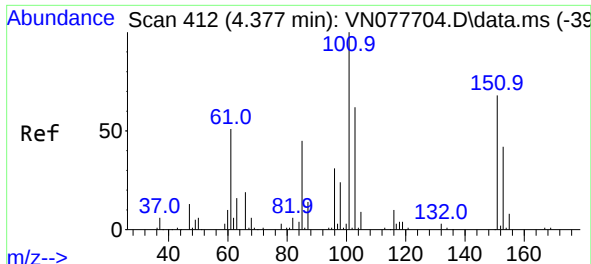
Tgt Ion:101 Resp: 392757
Ion Ratio Lower Upper
101 100
103 66.4 50.7 76.1



#8
Diethyl Ether
Concen: 51.642 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 74 Resp: 140493
Ion Ratio Lower Upper
74 100
45 82.3 34.4 103.3

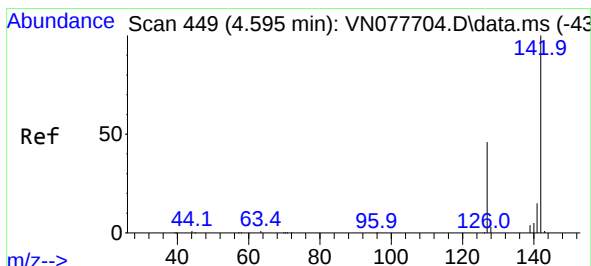
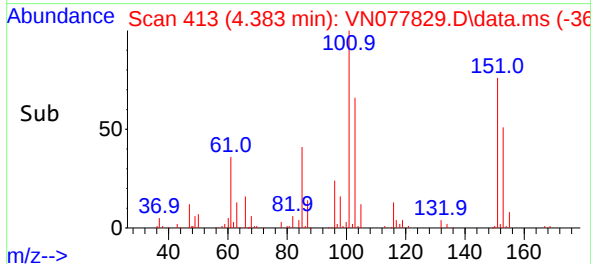
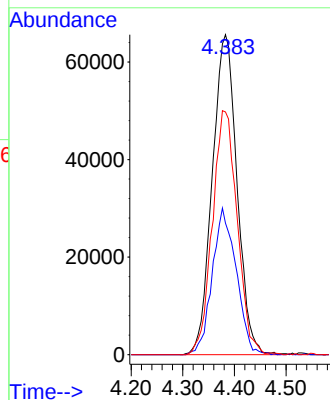
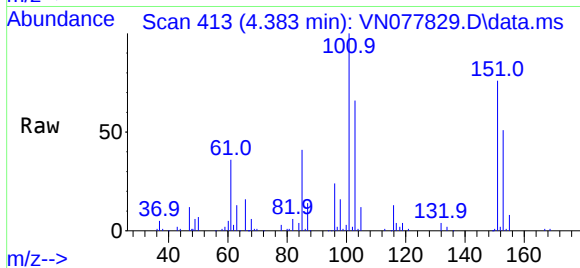




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.877 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077829.D
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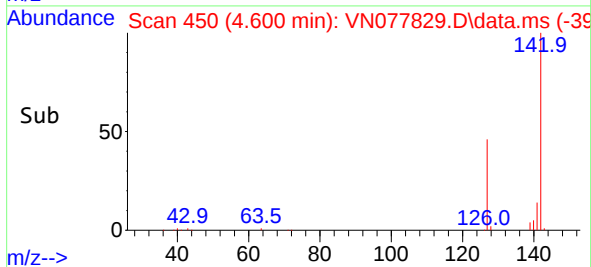
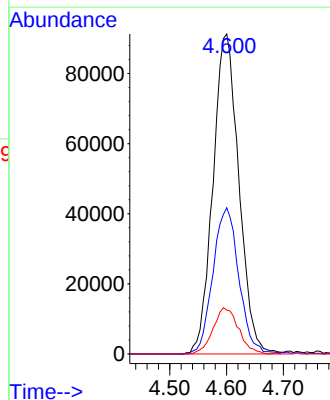
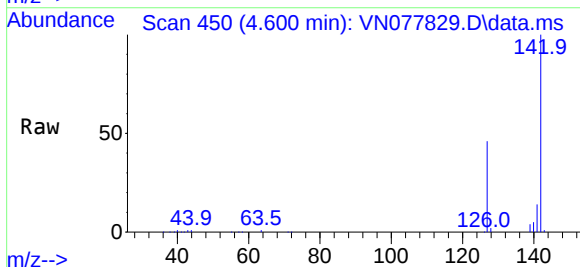
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

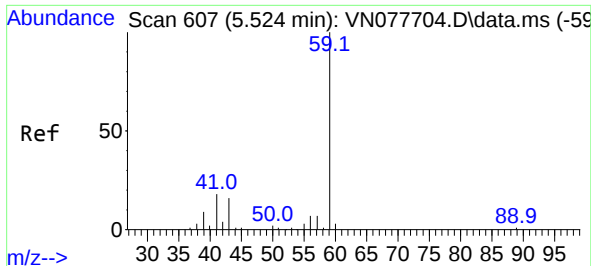
Tgt Ion:101 Resp: 218064
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 76.4 57.6 86.4



#10
Methyl Iodide
Concen: 58.791 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:142 Resp: 289149
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 13.7 11.4 17.0

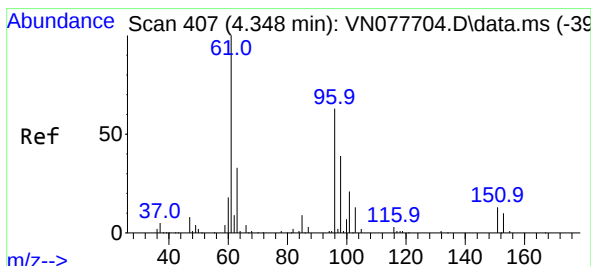
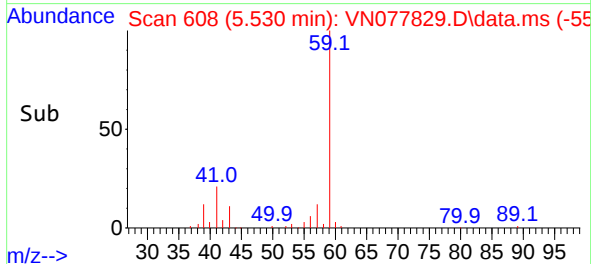
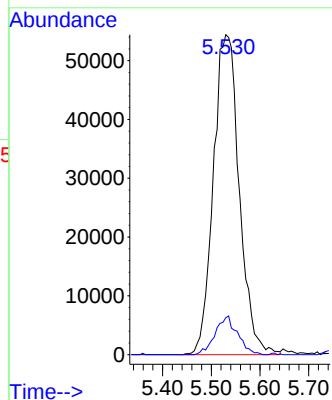
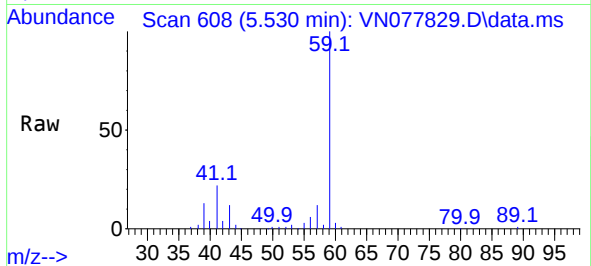




#11
Tert butyl alcohol
Concen: 260.836 ug/l
RT: 5.530 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

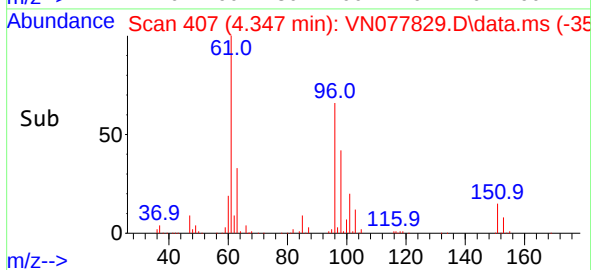
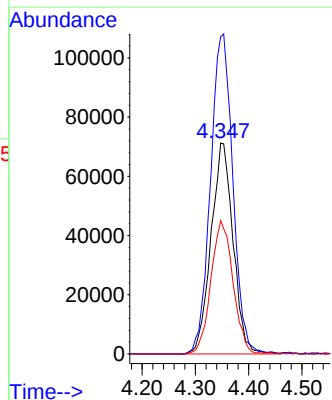
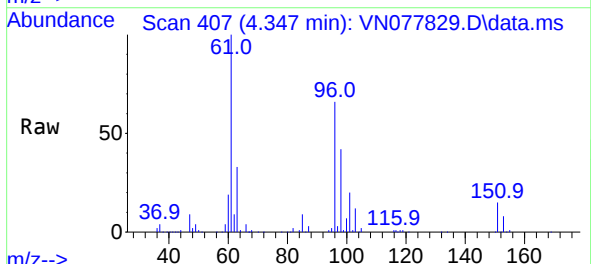
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

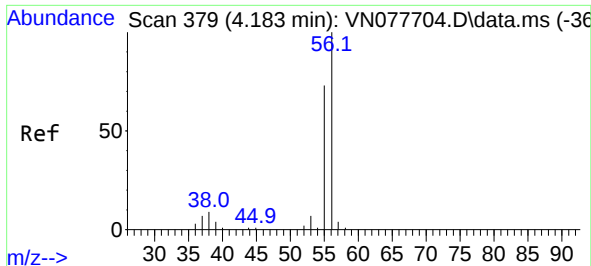
Tgt Ion: 59 Resp: 200725
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 52.383 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 96 Resp: 205322
Ion Ratio Lower Upper
96 100
61 150.4 112.7 169.1
98 63.2 51.2 76.8

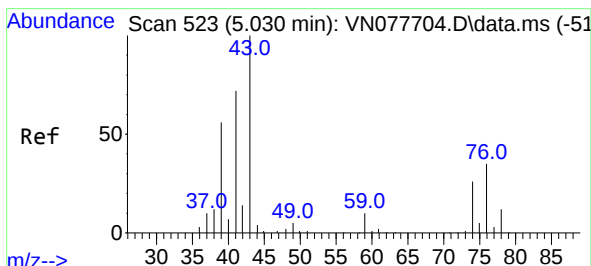
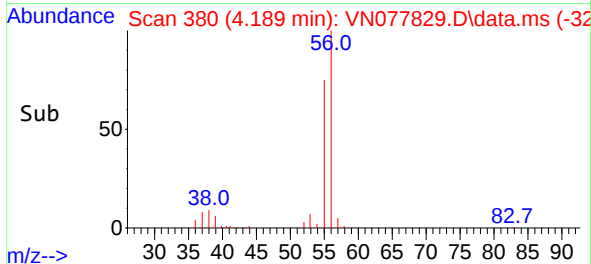
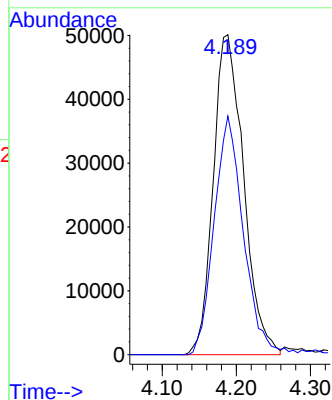
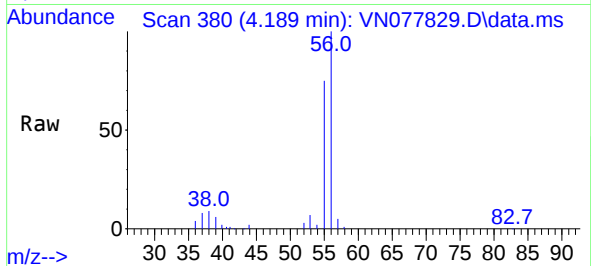




#13
Acrolein
Concen: 303.831 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

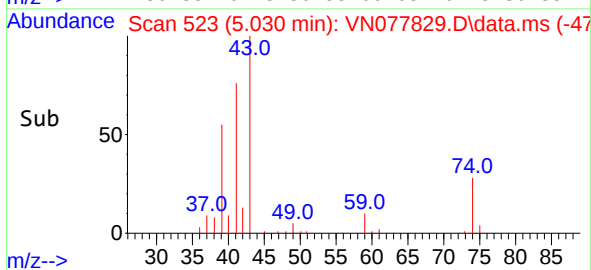
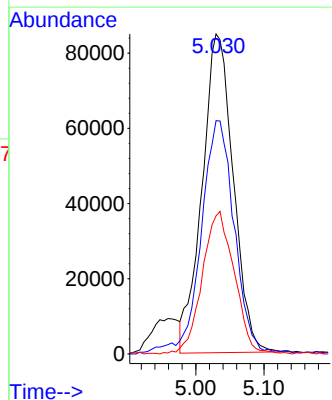
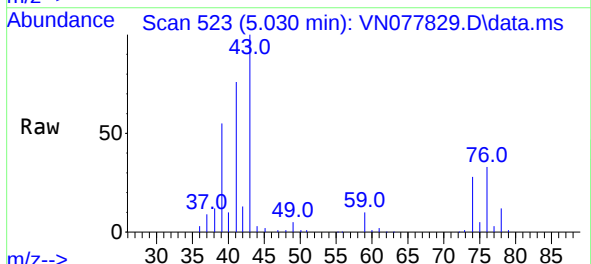
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

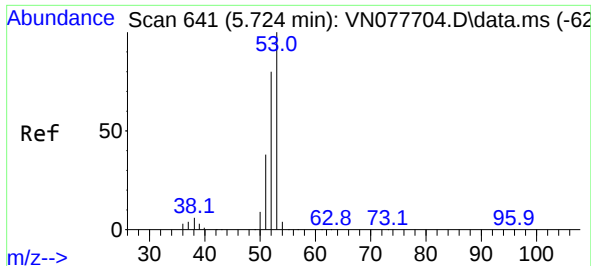
Tgt Ion: 56 Resp: 142496
Ion Ratio Lower Upper
56 100
55 71.9 54.5 81.7



#14
Allyl chloride
Concen: 46.878 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 41 Resp: 269926
Ion Ratio Lower Upper
41 100
39 78.5 58.8 88.2
76 46.0 39.1 58.7

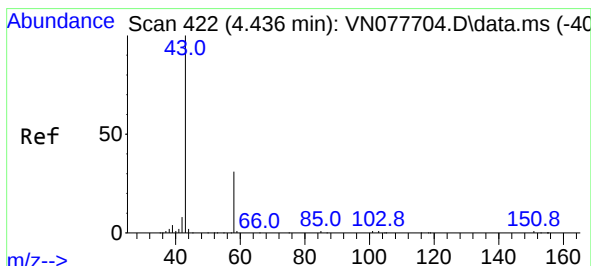
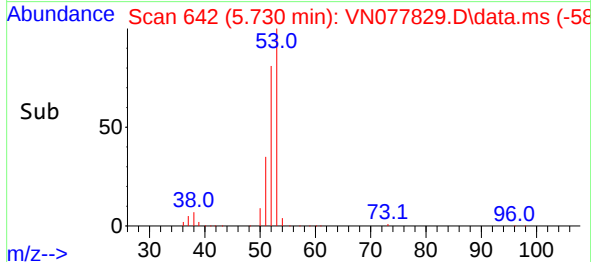
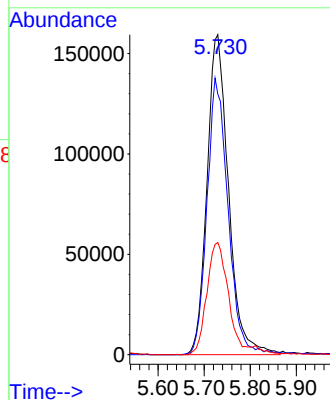
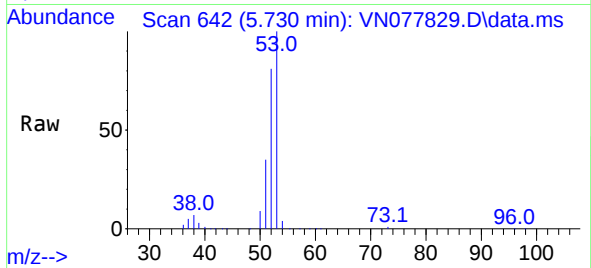




#15
Acrylonitrile
Concen: 251.967 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

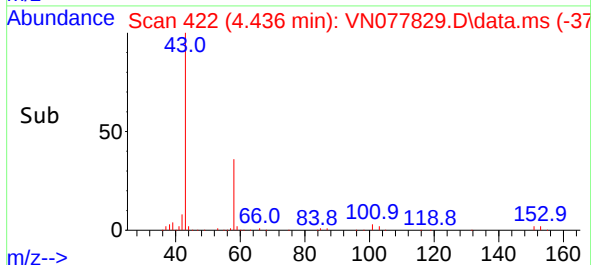
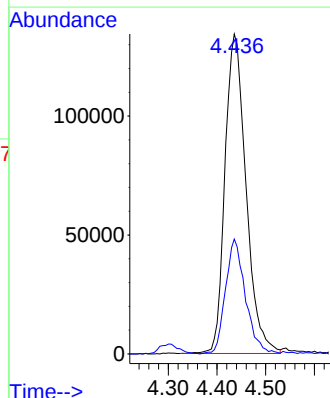
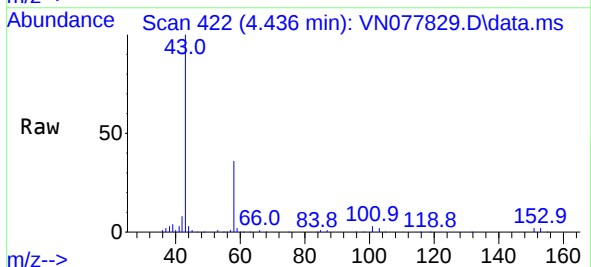
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

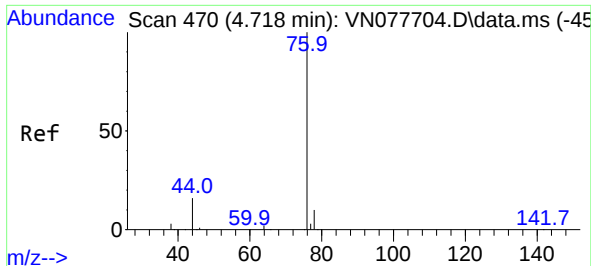
Tgt Ion: 53 Resp: 518026
Ion Ratio Lower Upper
53 100
52 84.8 65.3 97.9
51 35.0 28.9 43.3



#16
Acetone
Concen: 230.084 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 43 Resp: 403634
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0

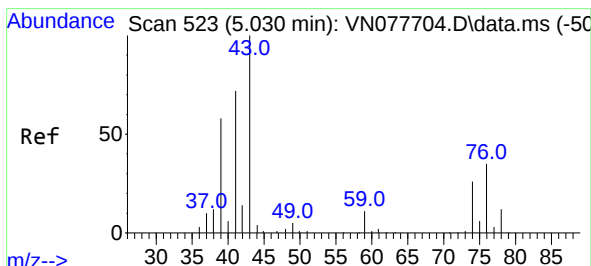
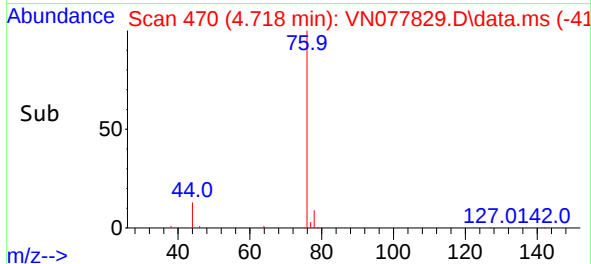
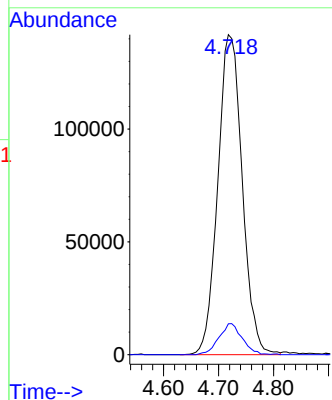
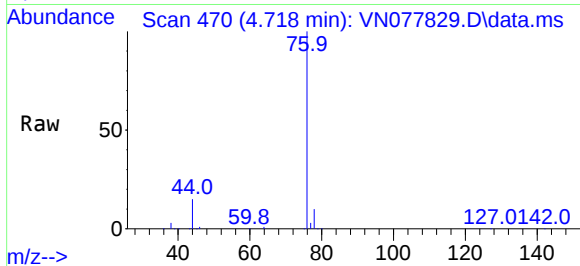




#17
Carbon Disulfide
Concen: 41.482 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

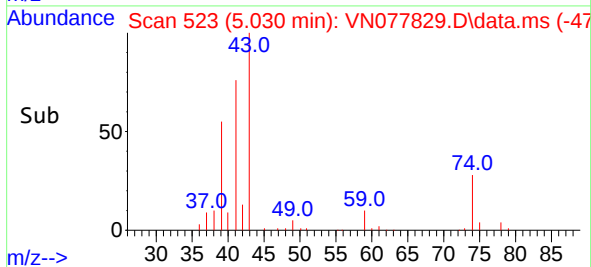
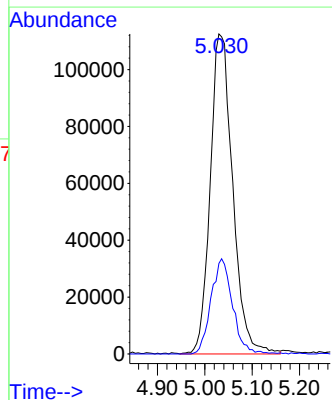
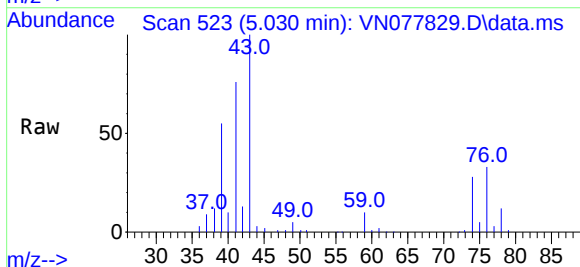
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

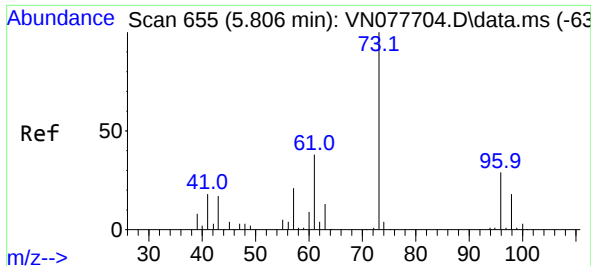
Tgt Ion: 76 Resp: 438093
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 50.386 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 43 Resp: 370819
Ion Ratio Lower Upper
43 100
74 28.5 26.2 39.4

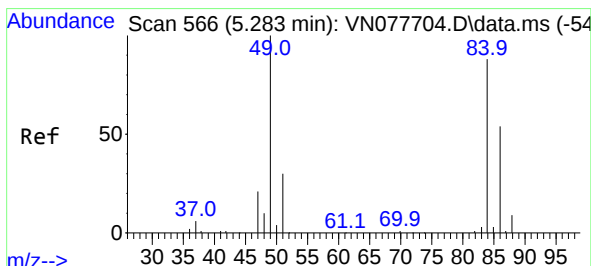
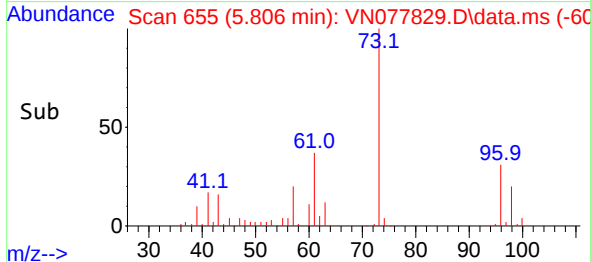
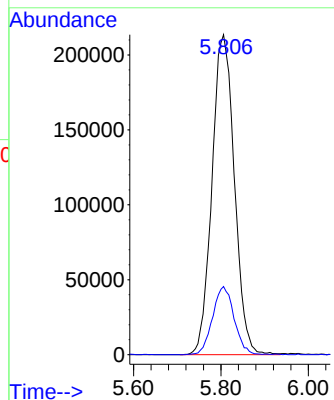
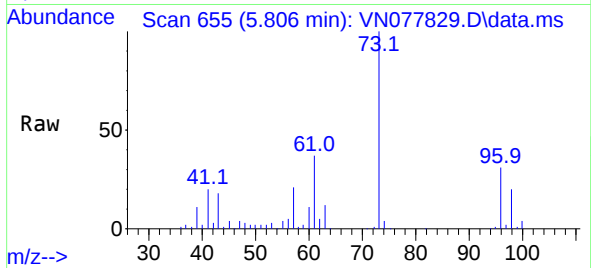




#19
Methyl tert-butyl Ether
Concen: 53.428 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

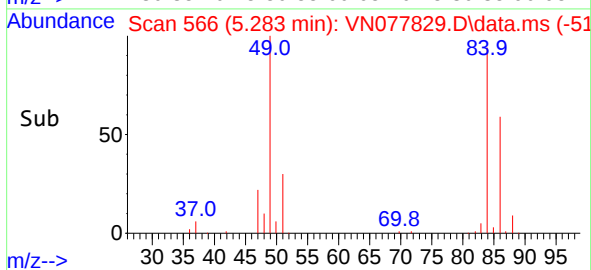
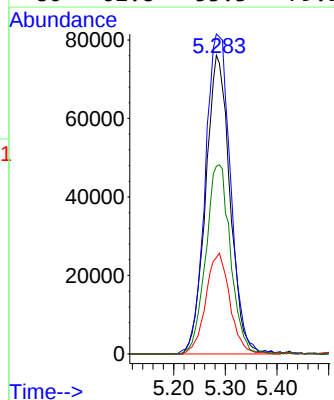
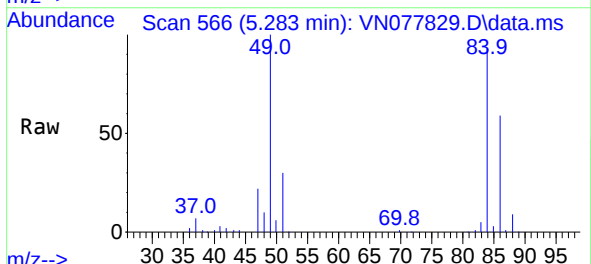
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

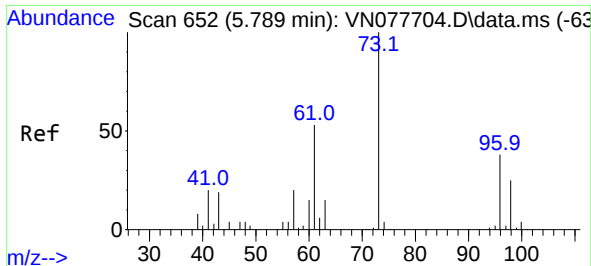
Tgt Ion: 73 Resp: 758012
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4



#20
Methylene Chloride
Concen: 54.636 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 84 Resp: 248637
Ion Ratio Lower Upper
84 100
49 106.5 79.7 119.5
51 32.3 25.2 37.8
86 62.8 53.3 79.9

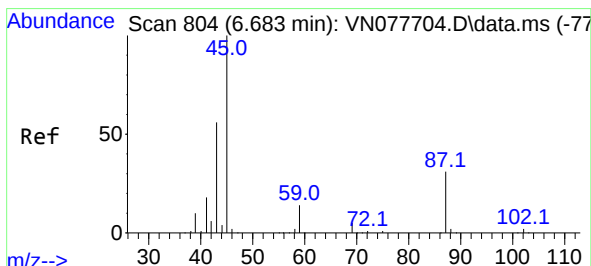
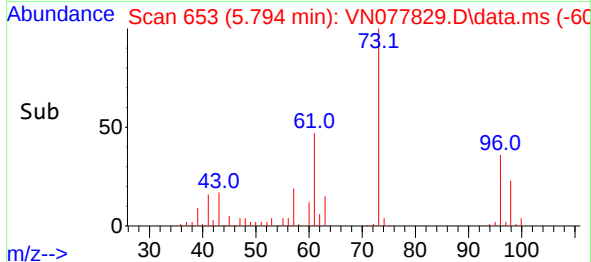
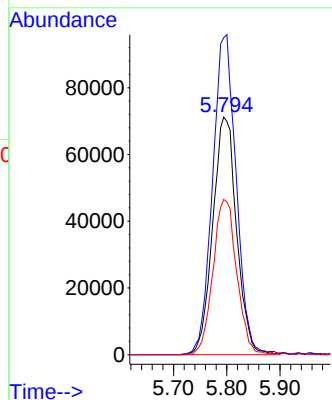
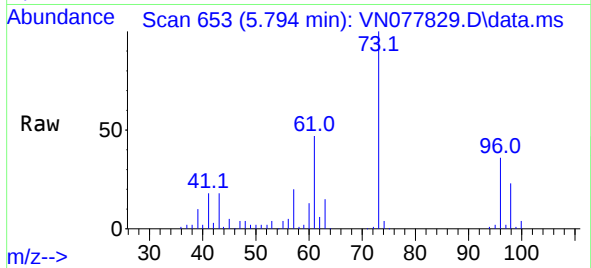




#21
trans-1,2-Dichloroethene
Concen: 50.328 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

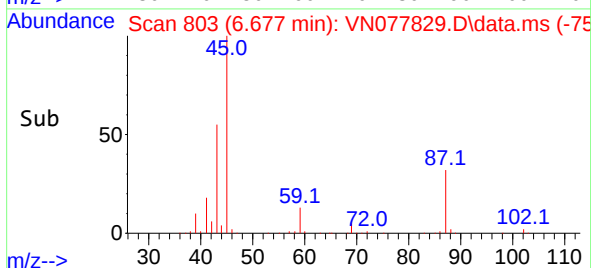
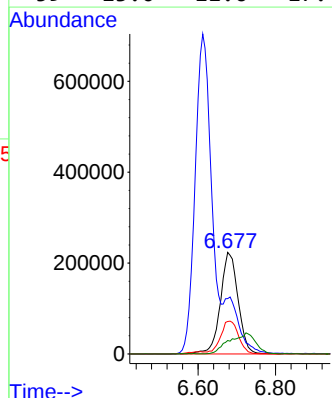
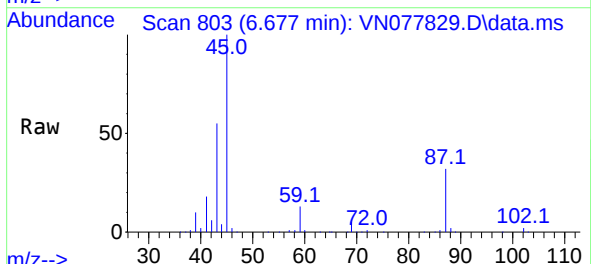
Instrument :
MSVOA_N
ClientSampleId :
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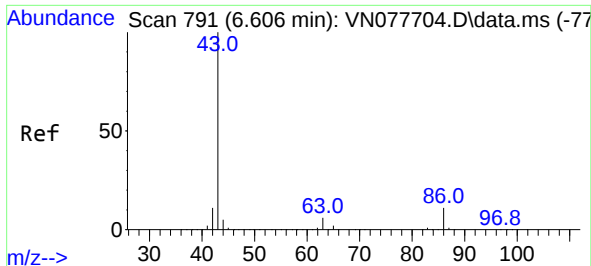
Tgt Ion: 96 Resp: 221586
Ion Ratio Lower Upper
96 100
61 133.4 90.1 135.1
98 65.3 46.4 69.6



#22
Diisopropyl ether
Concen: 52.624 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 45 Resp: 710236
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 32.0 31.8 47.8
59 13.0 11.6 17.4

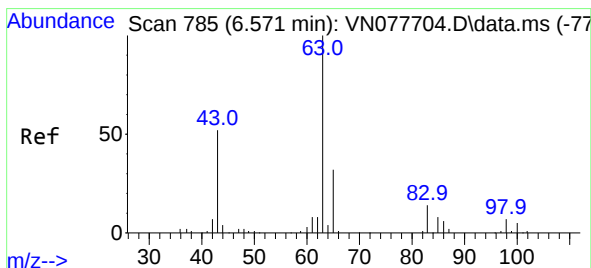
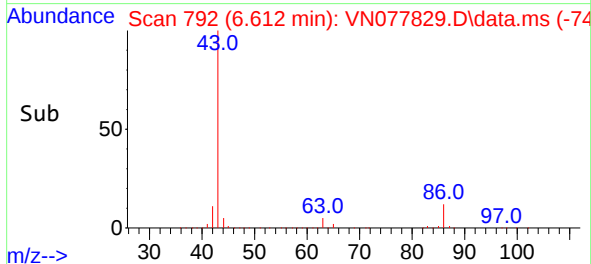
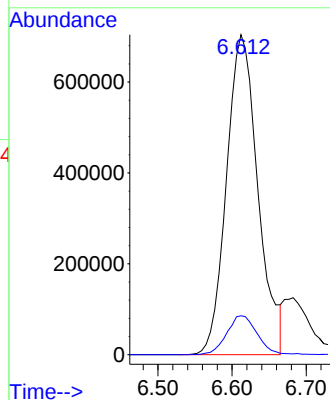
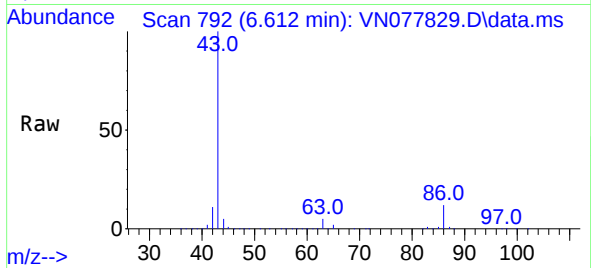




#23
 Vinyl Acetate
 Concen: 248.156 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077829.D
 Acq: 23 May 2023 23:02

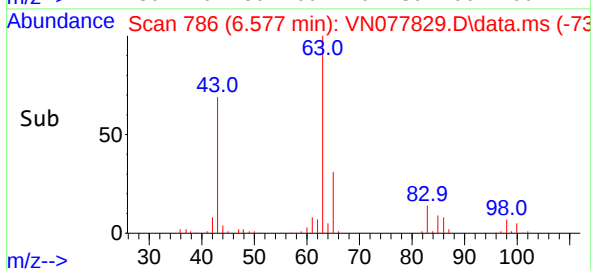
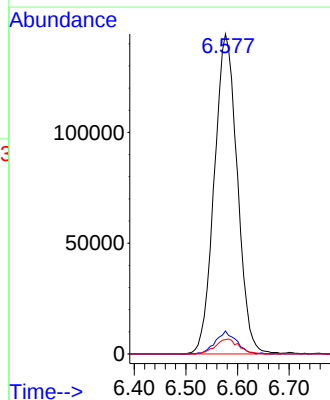
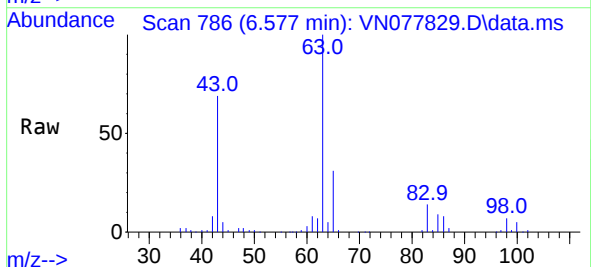
Instrument :
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 VSTDCCC050

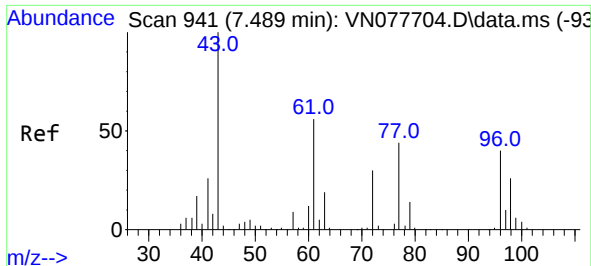
Tgt Ion: 43 Resp: 2075130
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 53.968 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077829.D
 Acq: 23 May 2023 23:02

Tgt Ion: 63 Resp: 446240
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.5 2.5 7.4

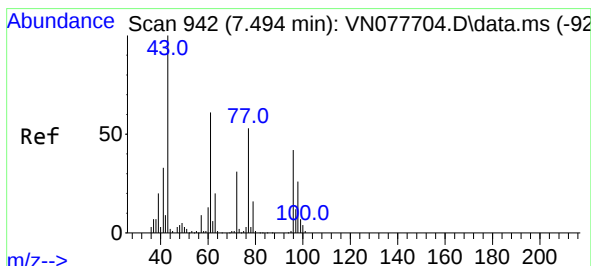
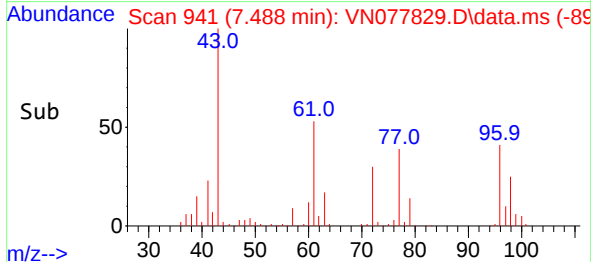
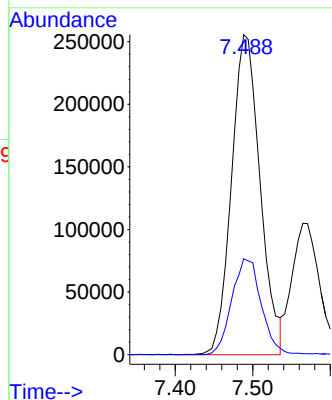
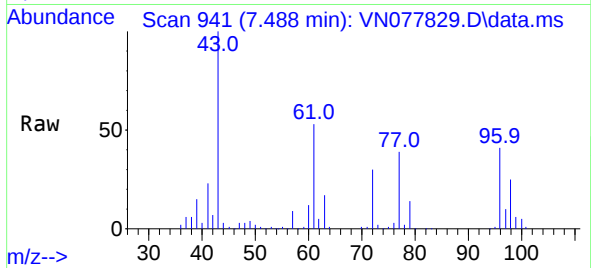




#25
2-Butanone
Concen: 239.226 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

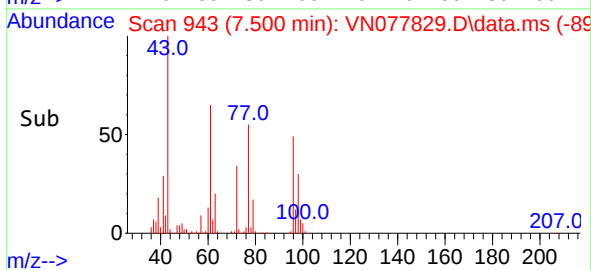
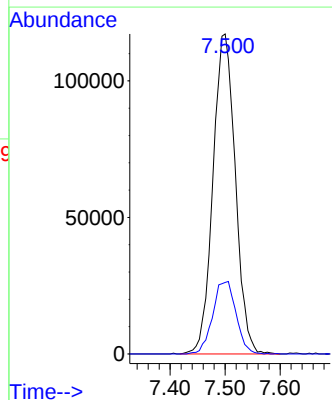
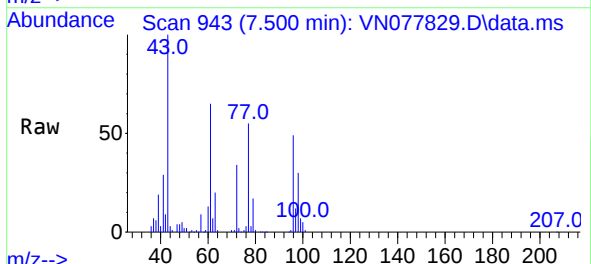
Instrument :
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ClientSampleId :
VSTDCCC050

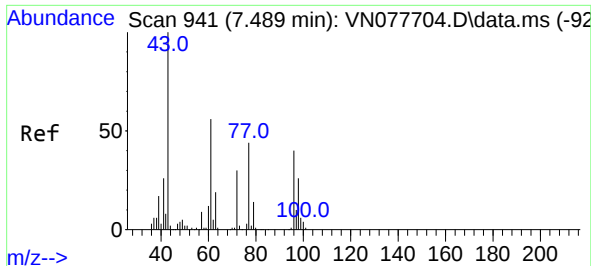
Tgt Ion: 43 Resp: 656493
Ion Ratio Lower Upper
43 100
72 30.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 47.167 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 77 Resp: 331340
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6

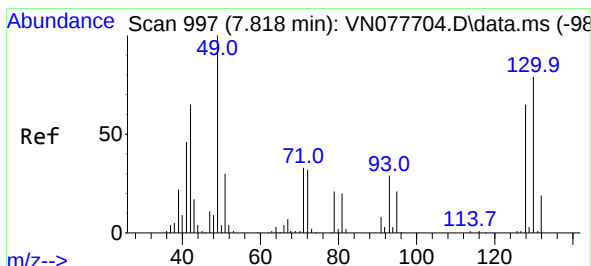
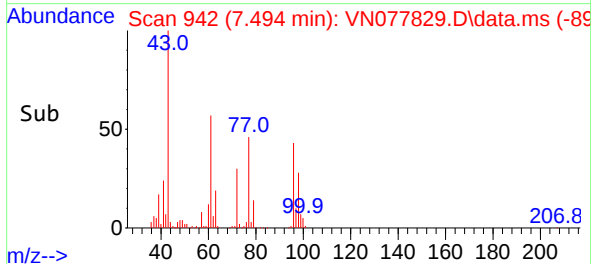
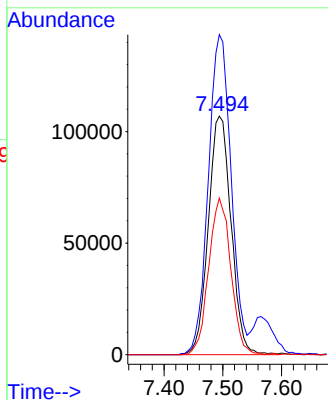
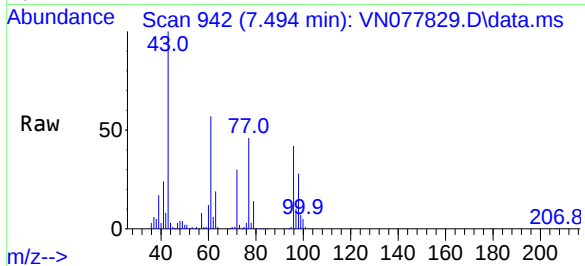




#27
 cis-1,2-Dichloroethene
 Concen: 54.576 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077829.D
 Acq: 23 May 2023 23:02

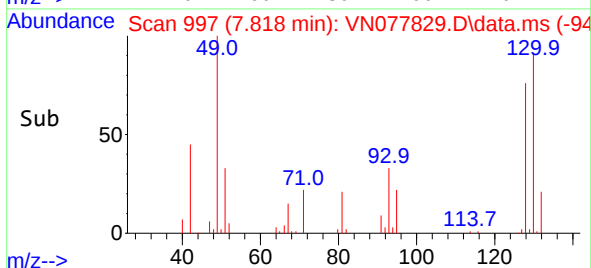
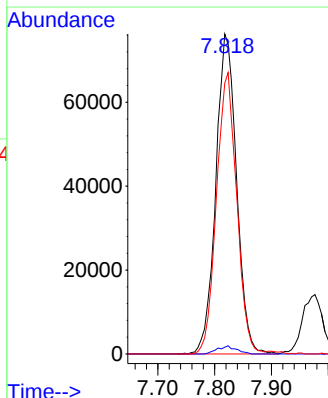
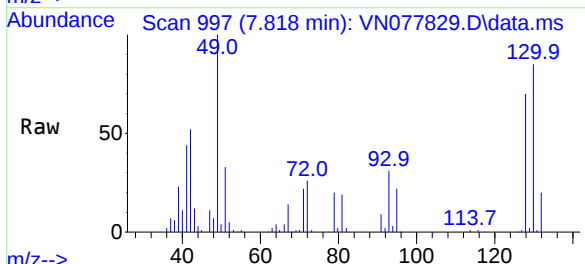
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

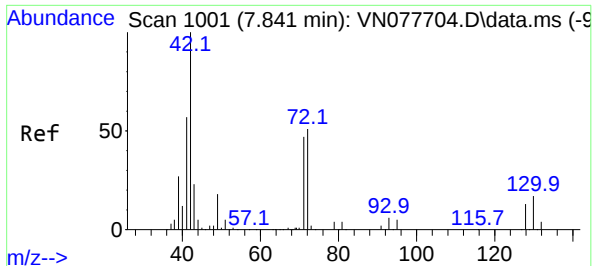
Tgt Ion: 96 Resp: 288121
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 255.2
 98 63.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 54.099 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077829.D
 Acq: 23 May 2023 23:02

Tgt Ion: 49 Resp: 193459
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 85.8 75.3 112.9

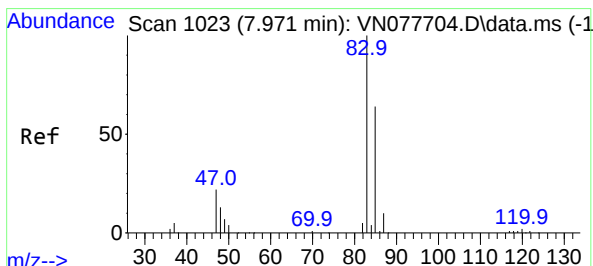
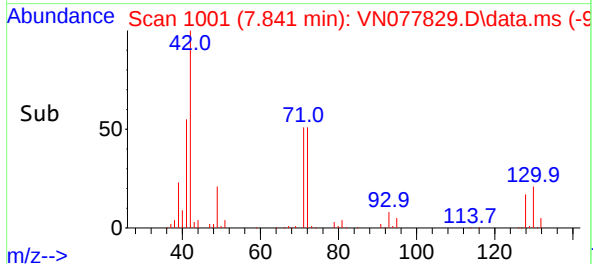
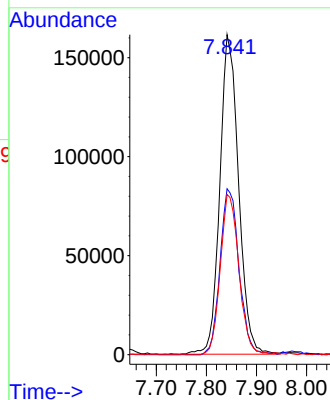
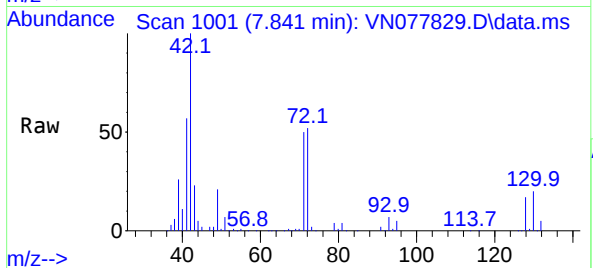




#29
Tetrahydrofuran
Concen: 233.580 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

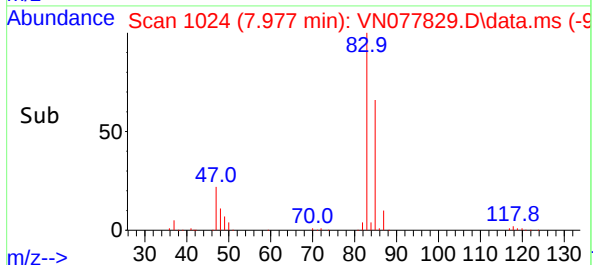
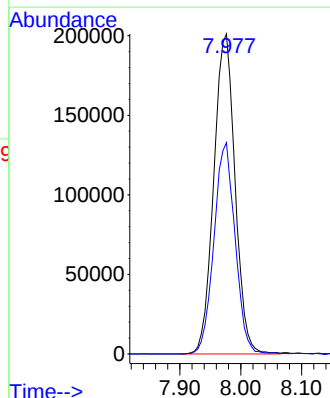
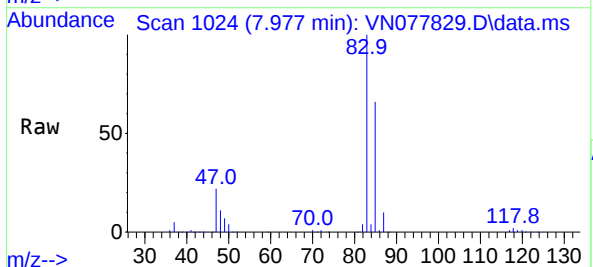
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

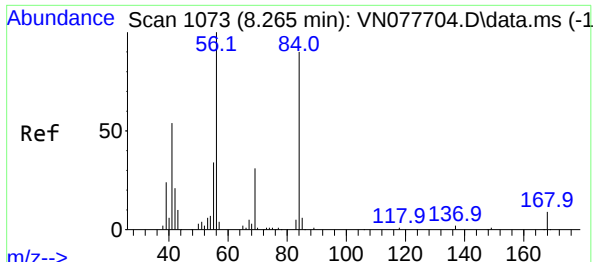
Tgt Ion: 42 Resp: 419721
Ion Ratio Lower Upper
42 100
72 52.5 49.8 74.6
71 49.6 47.4 71.2



#30
Chloroform
Concen: 53.744 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

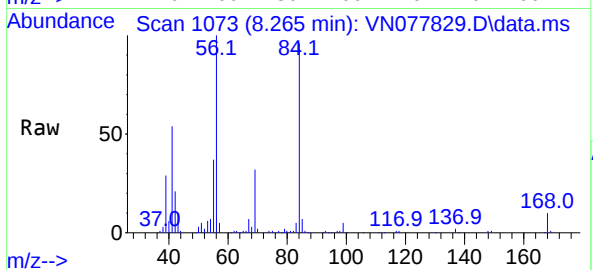
Tgt Ion: 83 Resp: 488842
Ion Ratio Lower Upper
83 100
85 66.1 55.4 83.0



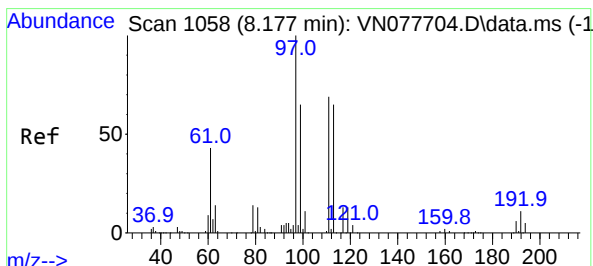
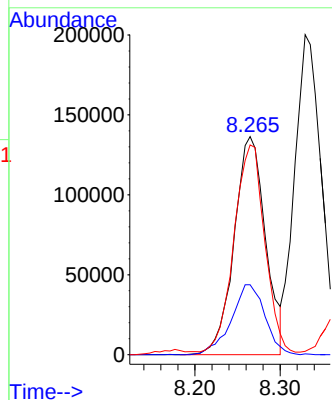
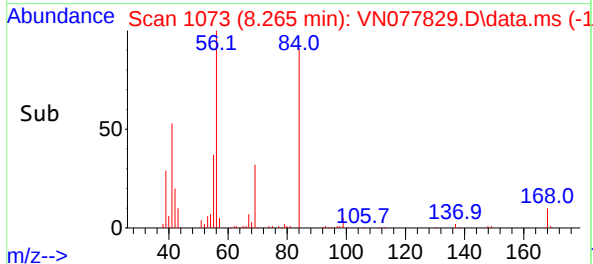


#31
Cyclohexane
Concen: 46.111 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

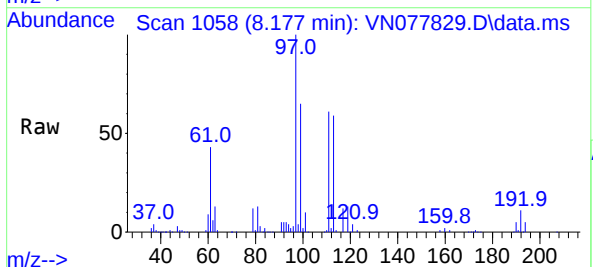
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



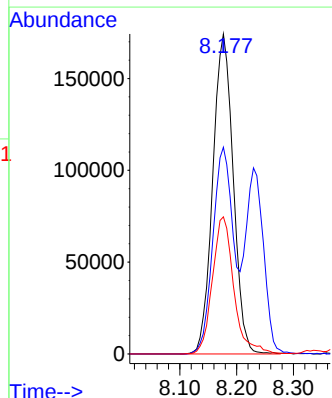
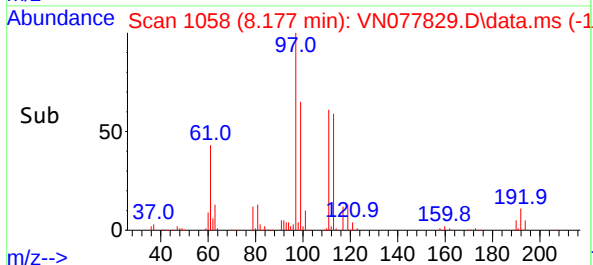
Tgt Ion: 56 Resp: 349454
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 94.3 81.8 122.6

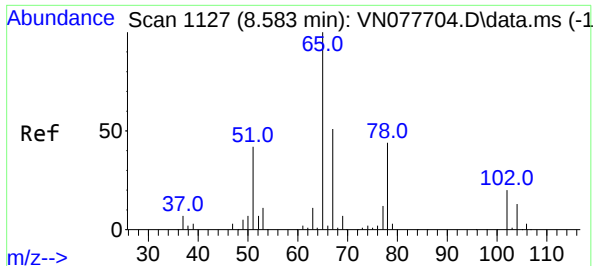


#32
1,1,1-Trichloroethane
Concen: 56.354 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02



Tgt Ion: 97 Resp: 435797
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 44.9 34.7 52.1

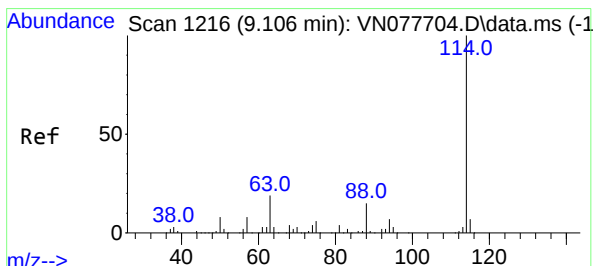
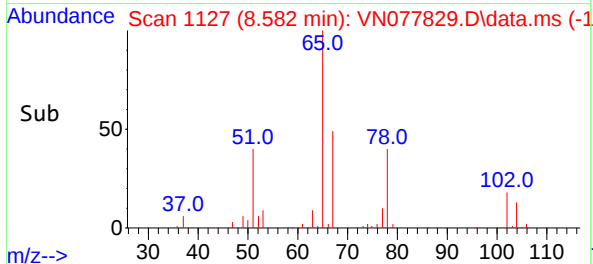
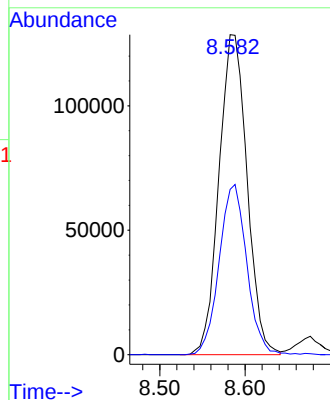
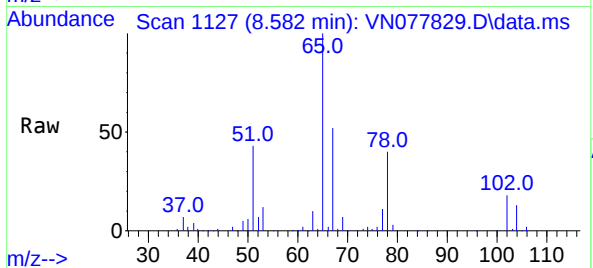




#33
1,2-Dichloroethane-d4
Concen: 52.743 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

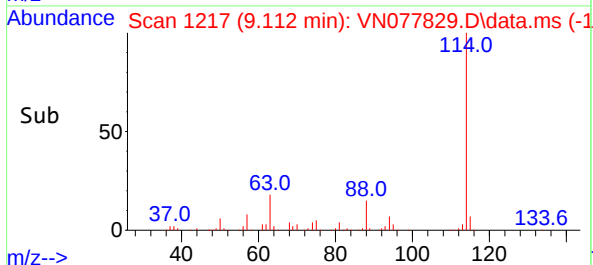
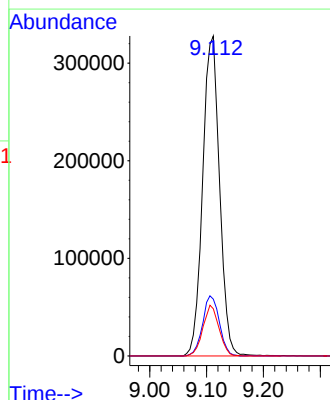
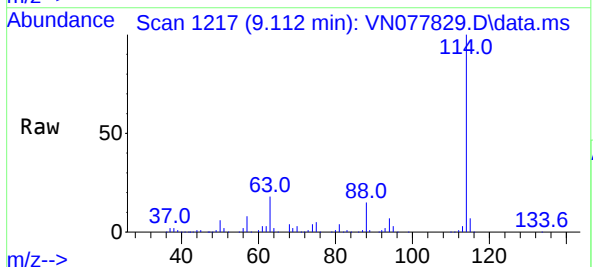
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

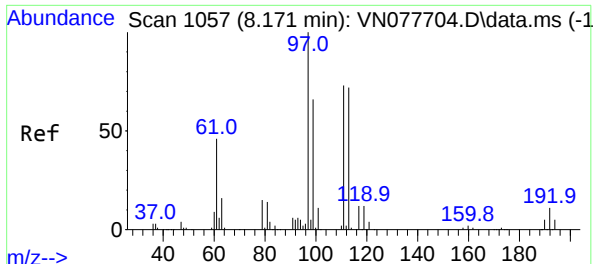
Tgt Ion: 65 Resp: 294099
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 114 Resp: 675641
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.4
88 14.7 0.0 30.6

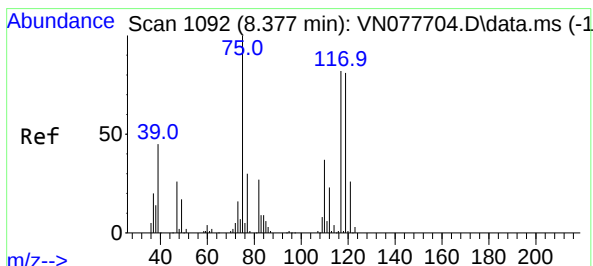
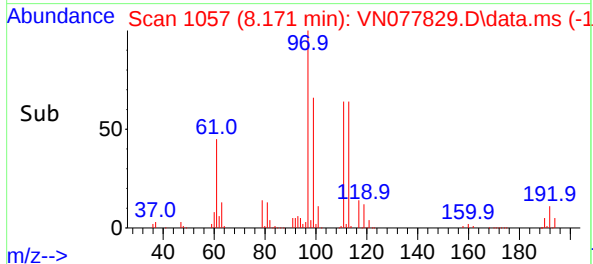
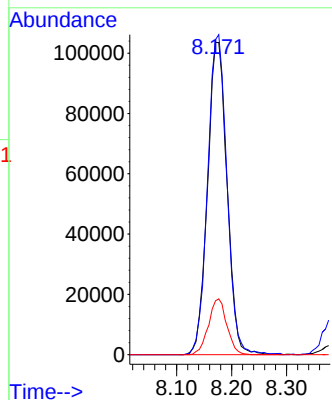
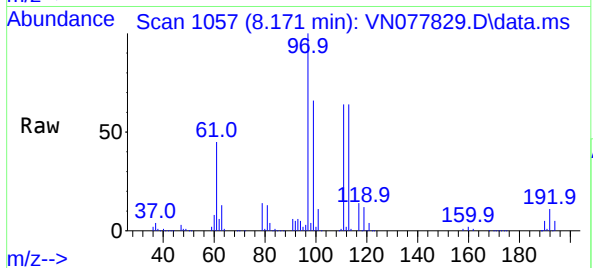




#35
Dibromofluoromethane
Concen: 57.829 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

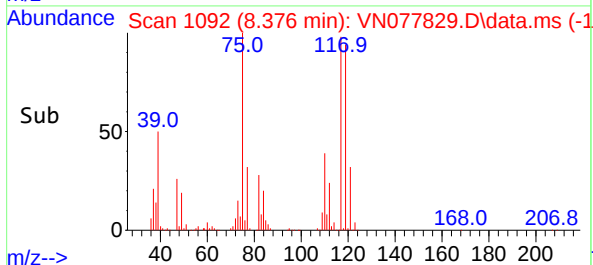
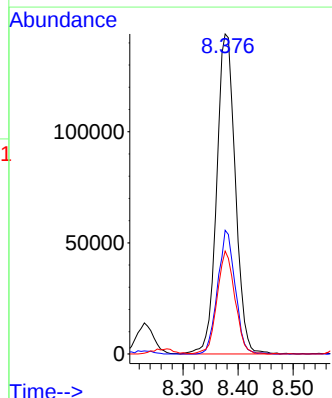
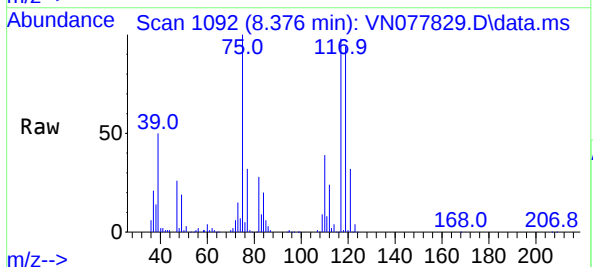
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

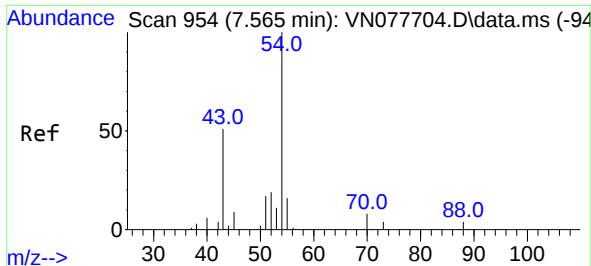
Tgt Ion:113 Resp: 254782
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 16.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 52.659 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 75 Resp: 339344
Ion Ratio Lower Upper
75 100
110 36.3 19.1 57.3
77 30.9 25.0 37.4

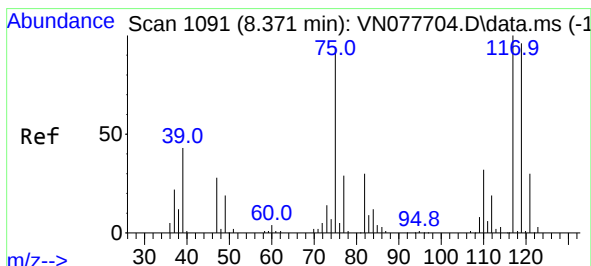
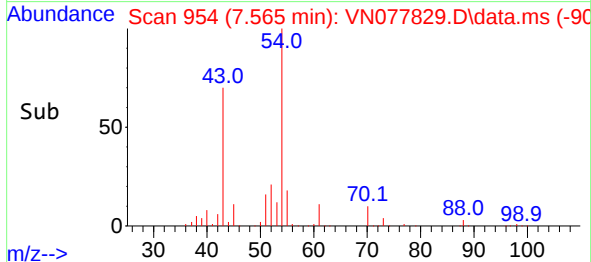
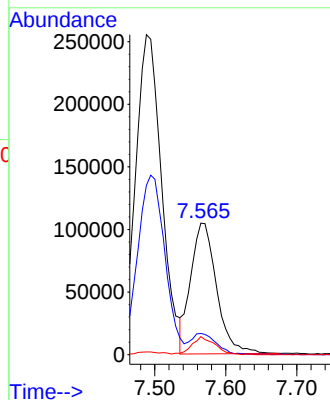
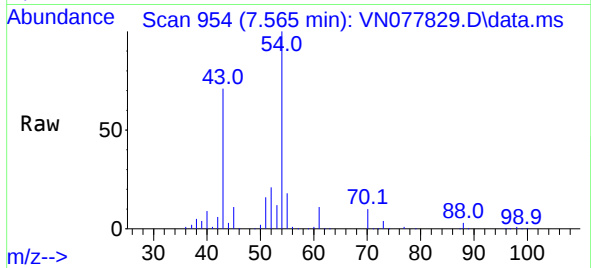




#37
Ethyl Acetate
Concen: 46.231 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

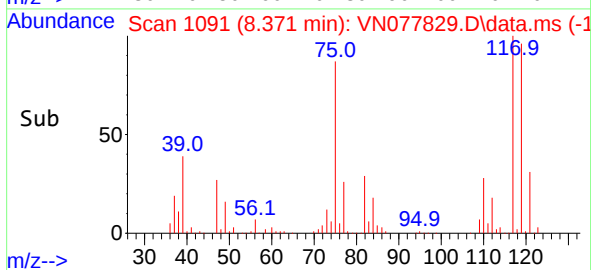
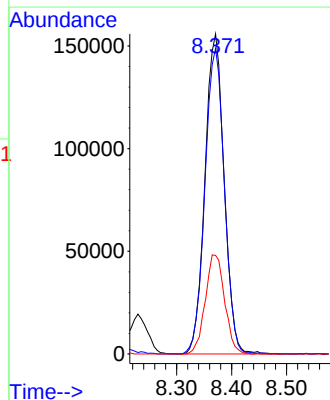
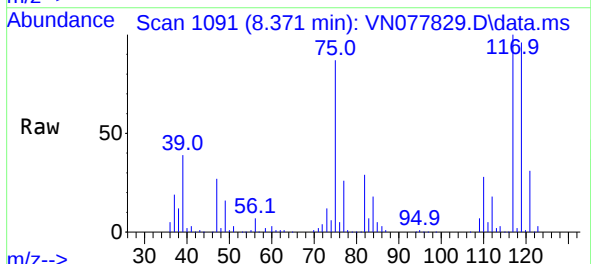
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

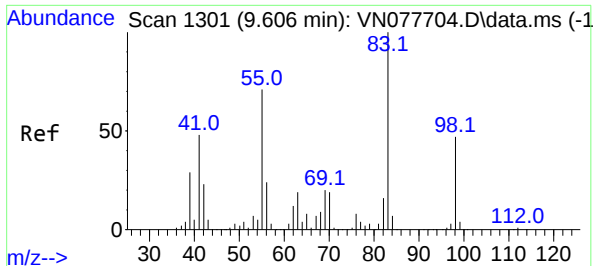
Tgt Ion: 43 Resp: 265535
Ion Ratio Lower Upper
43 100
61 15.7 13.2 19.8
70 12.2 11.3 16.9



#38
Carbon Tetrachloride
Concen: 58.034 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 117 Resp: 377642
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
121 30.8 23.3 34.9

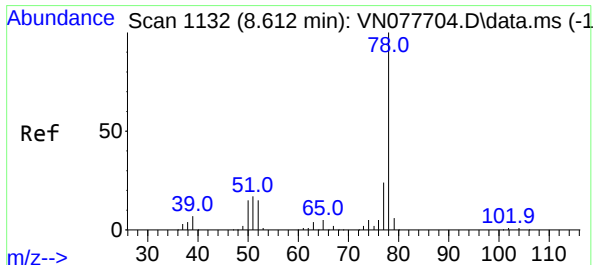
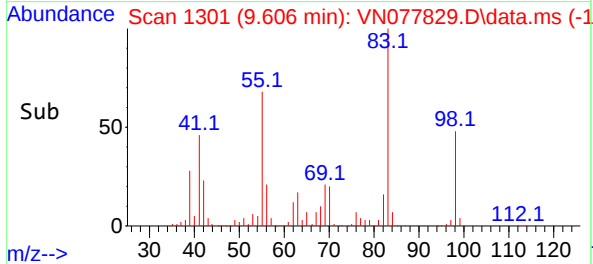
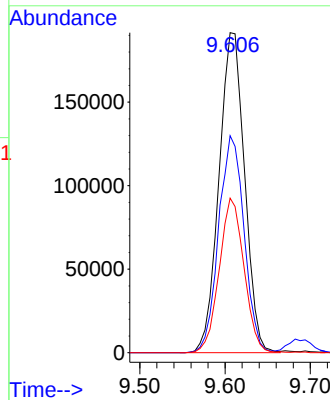
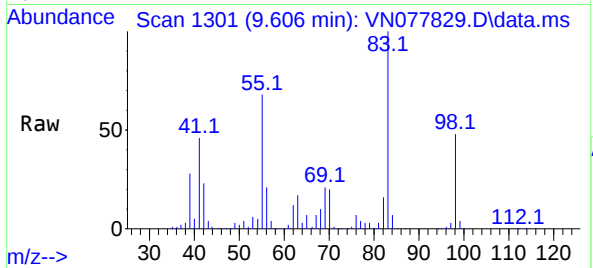




#39
Methylcyclohexane
Concen: 50.694 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

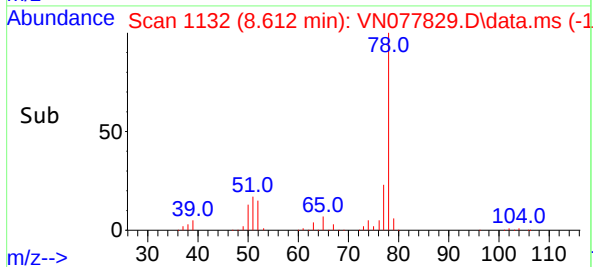
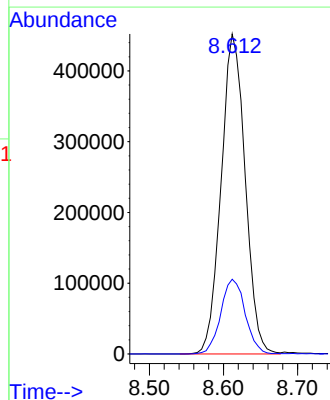
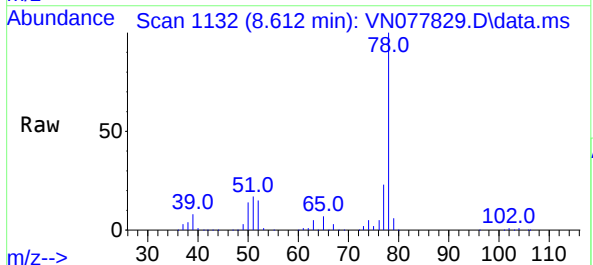
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

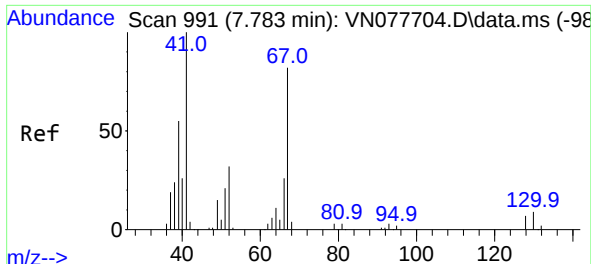
Tgt Ion: 83 Resp: 399937
Ion Ratio Lower Upper
83 100
55 67.8 49.1 73.7
98 48.3 40.6 61.0



#40
Benzene
Concen: 53.486 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 78 Resp: 1017104
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6



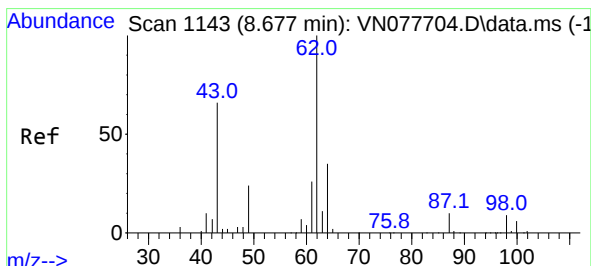
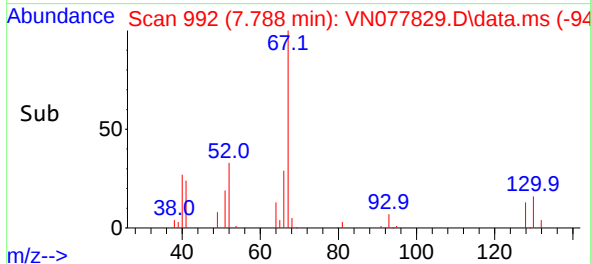
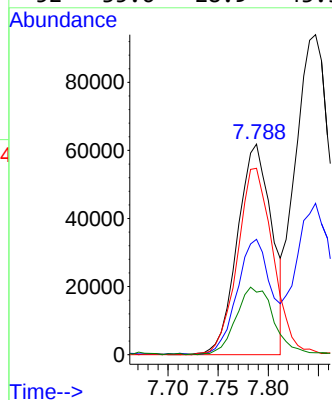
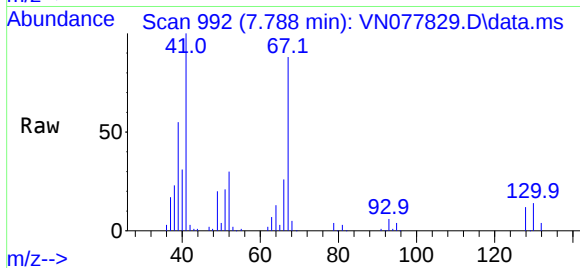


#41
Methacrylonitrile
Concen: 48.408 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 148074

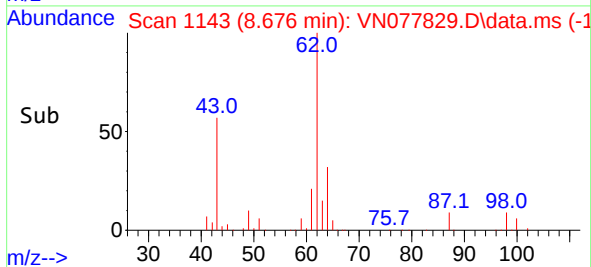
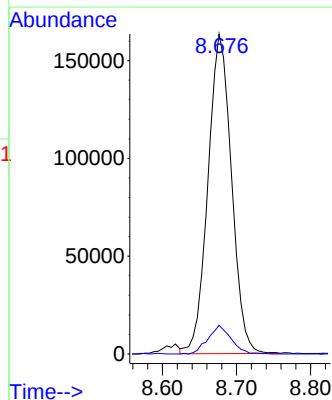
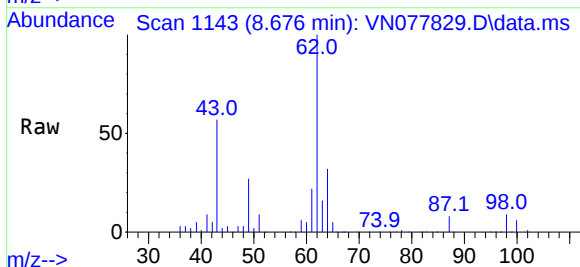
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.6	64.0
67	91.6	77.5	116.3
52	35.6	28.9	43.3

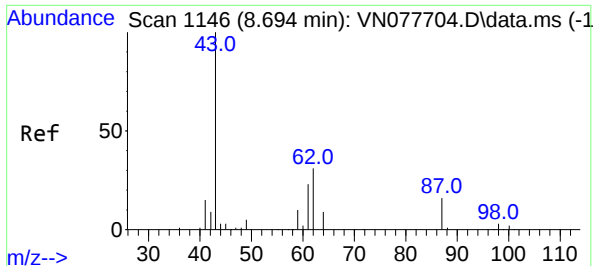


#42
1,2-Dichloroethane
Concen: 52.237 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 62 Resp: 360847

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8

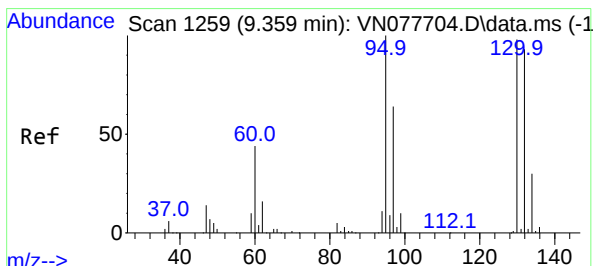
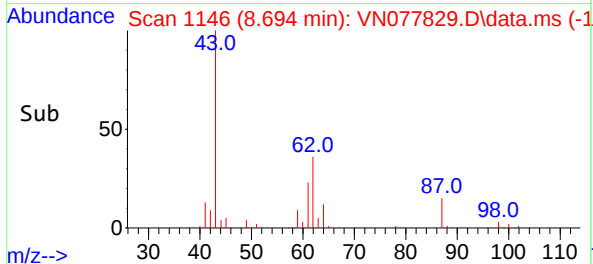
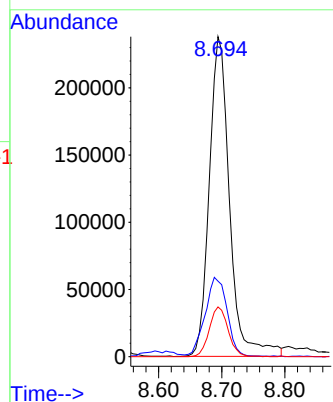
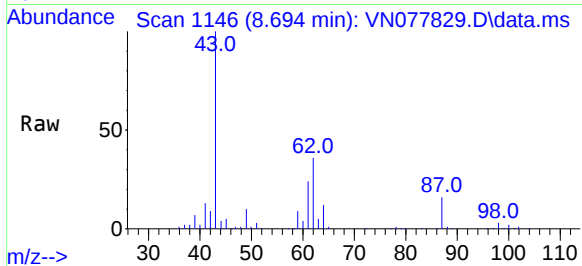




#43
Isopropyl Acetate
Concen: 56.602 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

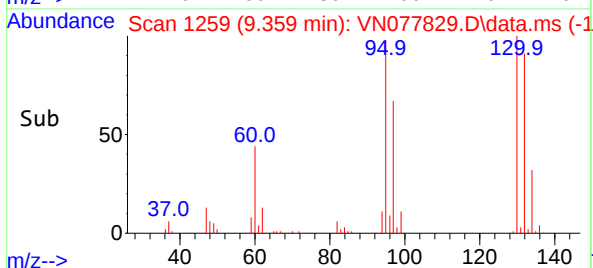
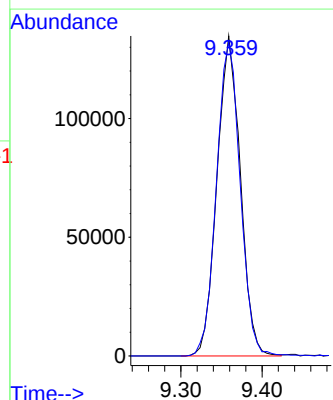
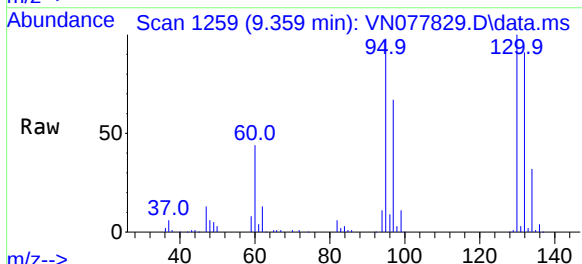
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

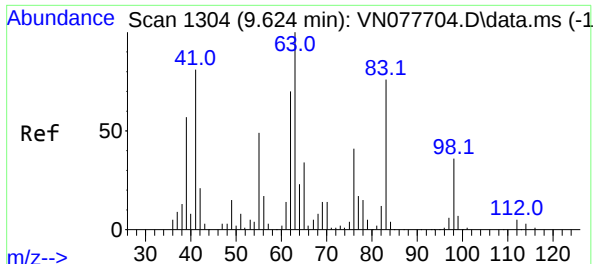
Tgt Ion: 43 Resp: 531026
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 14.5 14.6 21.8#



#44
Trichloroethene
Concen: 55.904 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:130 Resp: 269183
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.6

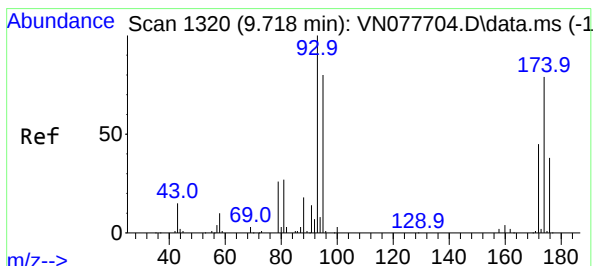
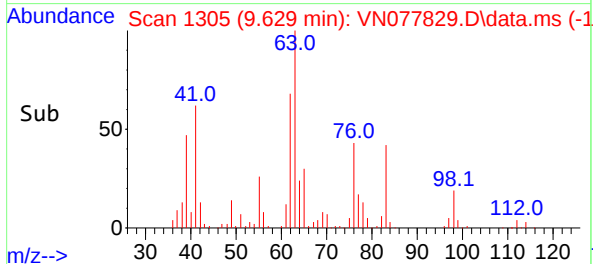
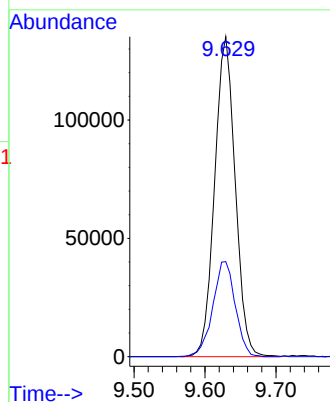
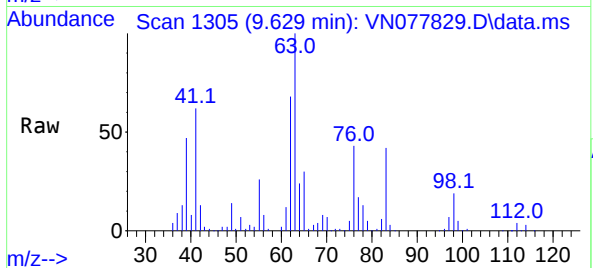




#45
1,2-Dichloropropane
Concen: 55.988 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

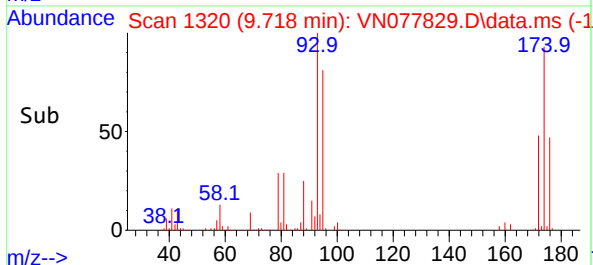
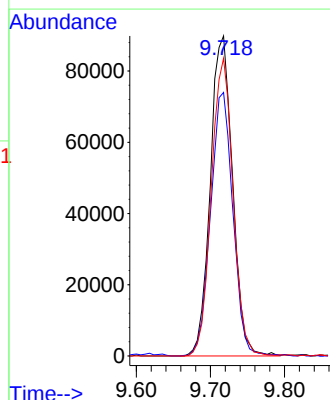
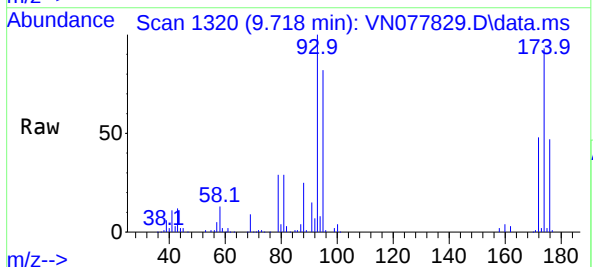
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

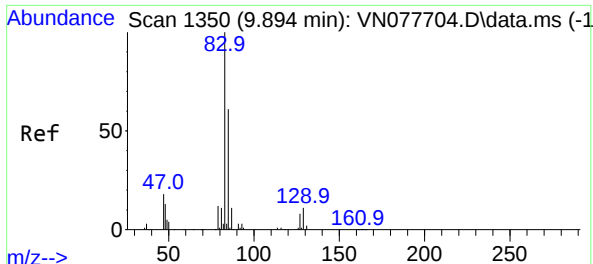
Tgt Ion: 63 Resp: 271575
Ion Ratio Lower Upper
63 100
65 29.7 23.9 35.9



#46
Dibromomethane
Concen: 54.073 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 93 Resp: 187681
Ion Ratio Lower Upper
93 100
95 82.6 63.8 95.8
174 90.6 65.6 98.4

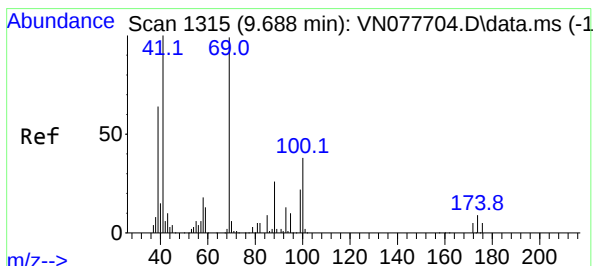
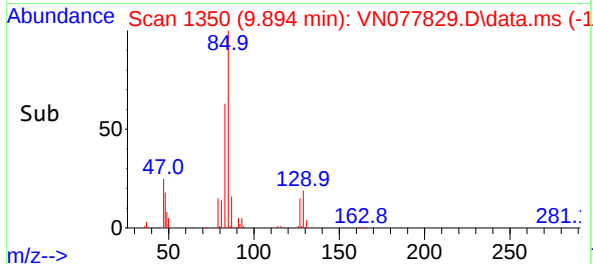
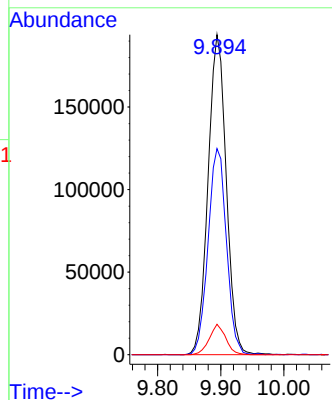
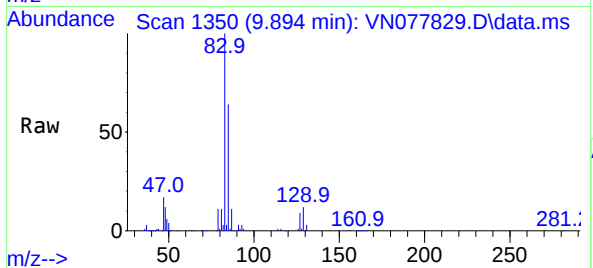




#47
Bromodichloromethane
Concen: 58.228 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

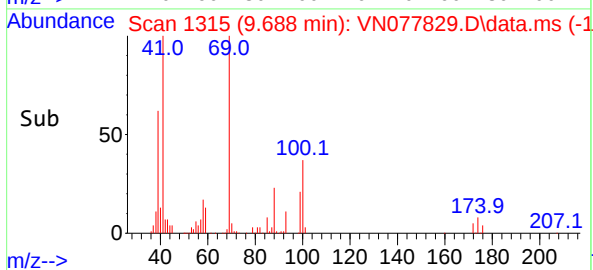
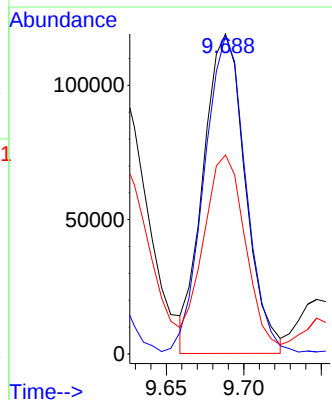
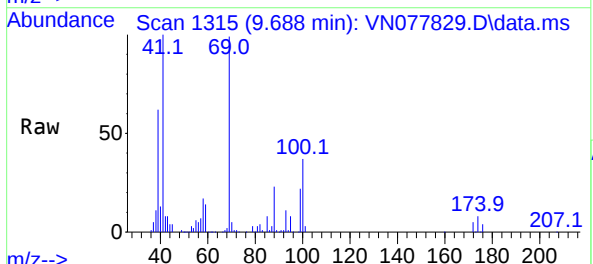
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

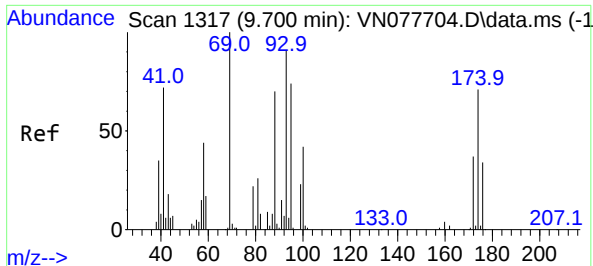
Tgt Ion: 83 Resp: 386931
Ion Ratio Lower Upper
83 100
85 64.4 49.6 74.4
127 9.5 7.0 10.6



#48
Methyl methacrylate
Concen: 50.346 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 41 Resp: 223944
Ion Ratio Lower Upper
41 100
69 99.7 90.4 135.6
39 62.9 54.6 81.8

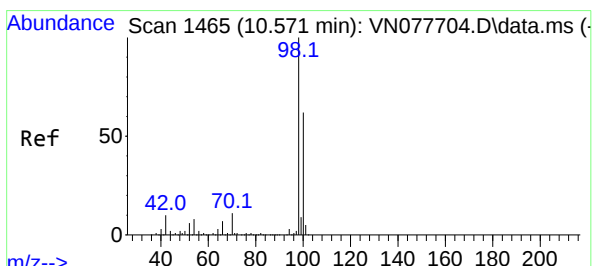
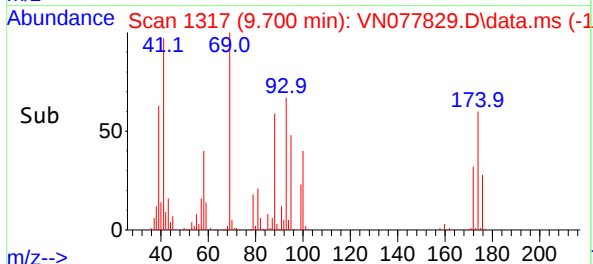
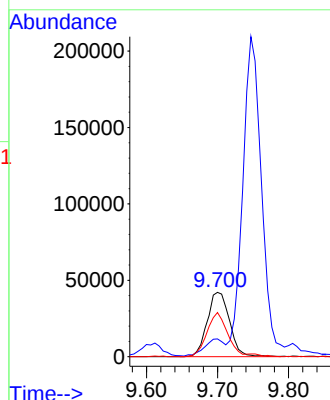
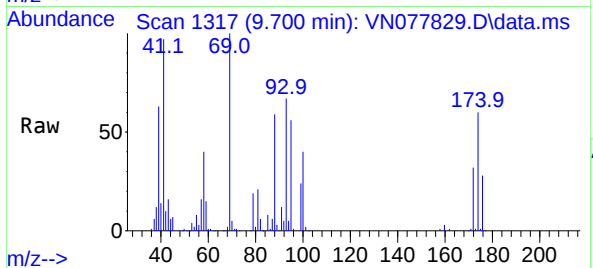




#49
1,4-Dioxane
Concen: 1093.365 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

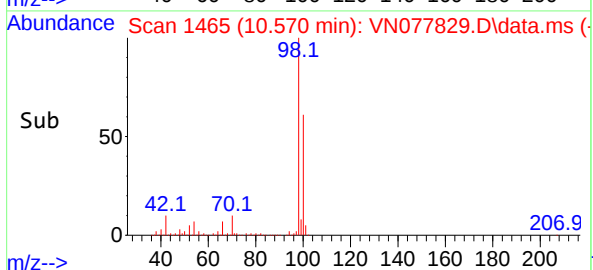
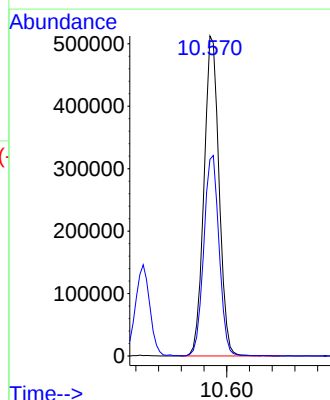
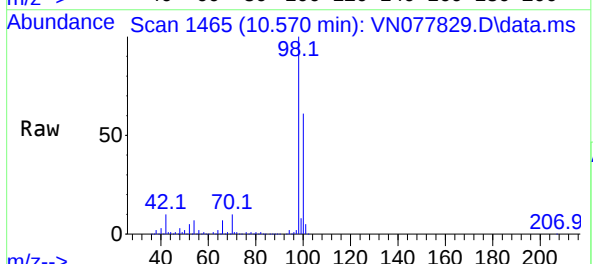
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

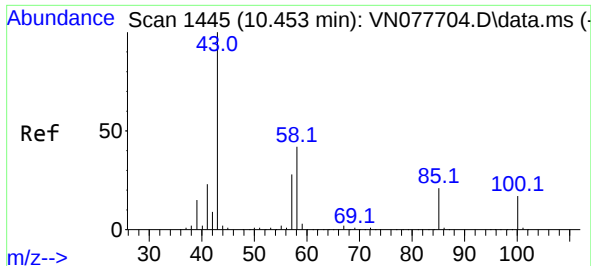
Tgt Ion: 88 Resp: 91856
Ion Ratio Lower Upper
88 100
43 23.5 17.0 25.6
58 65.9 47.0 70.4



#50
Toluene-d8
Concen: 55.415 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 98 Resp: 939742
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

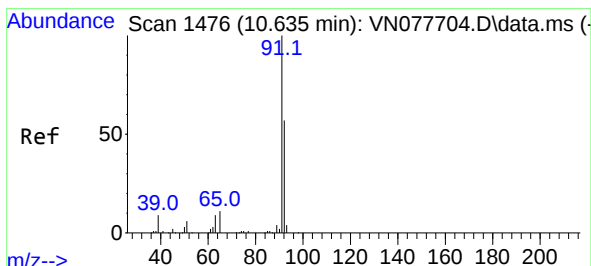
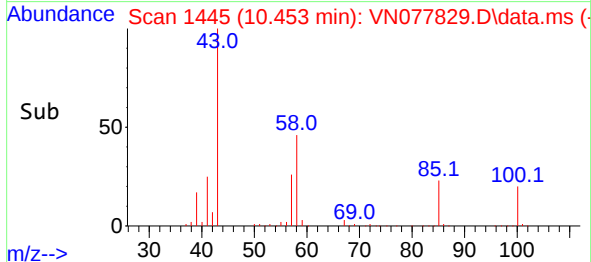
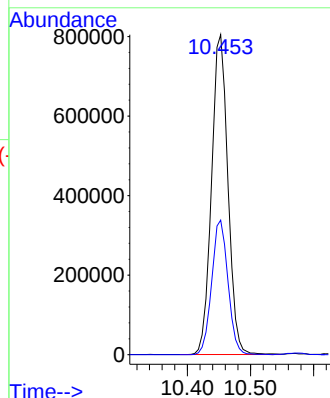
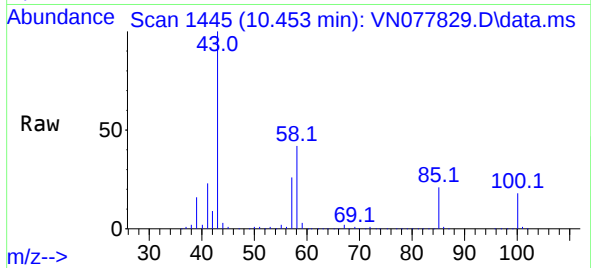




#51
4-Methyl-2-Pentanone
Concen: 260.010 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

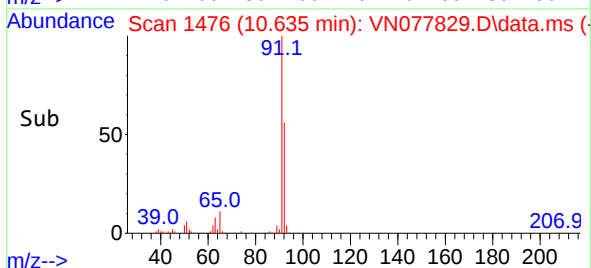
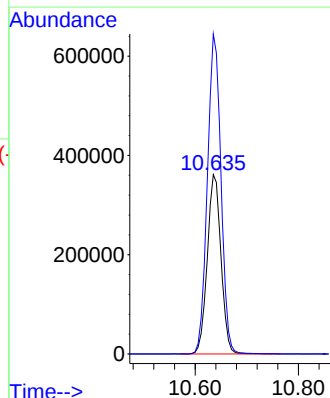
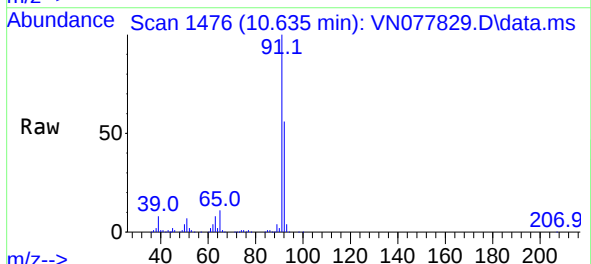
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

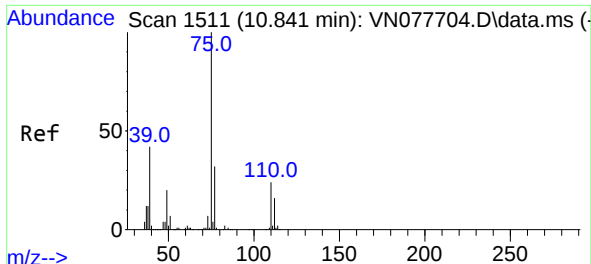
Tgt Ion: 43 Resp: 1449981
Ion Ratio Lower Upper
43 100
58 41.8 36.6 54.8



#52
Toluene
Concen: 56.073 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 92 Resp: 663828
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0

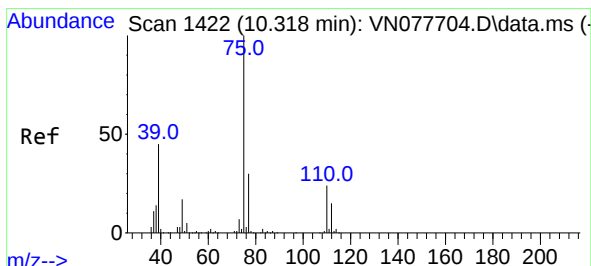
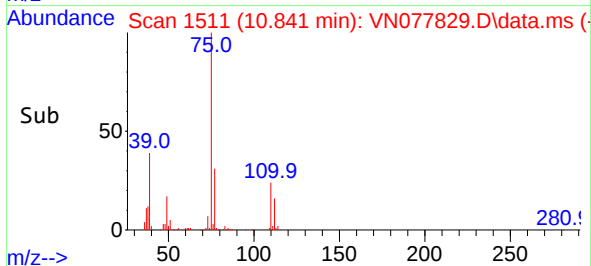
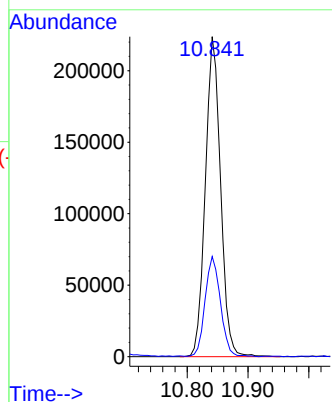
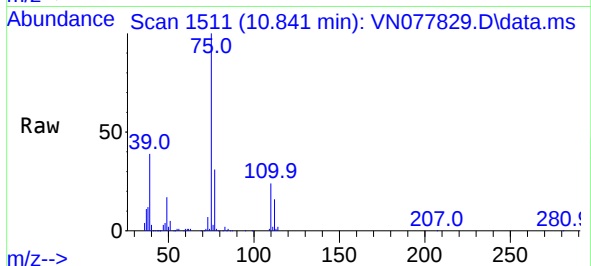




#53
t-1,3-Dichloropropene
Concen: 55.314 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

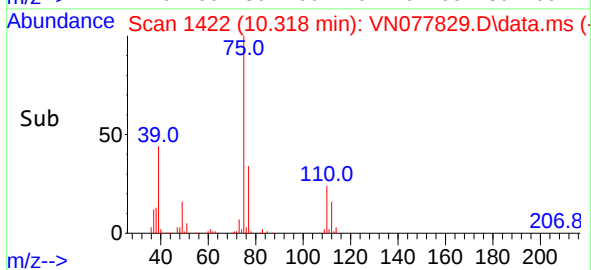
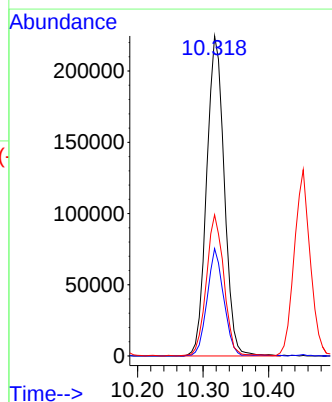
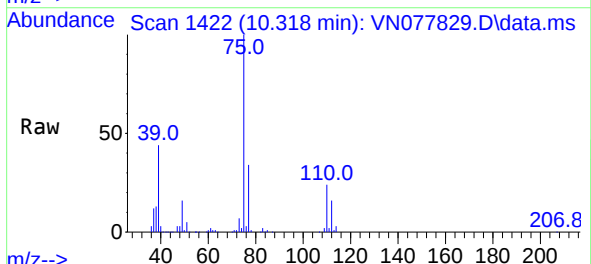
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

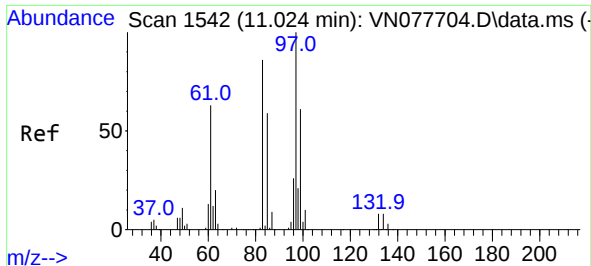
Tgt Ion: 75 Resp: 389242
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 54.146 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 75 Resp: 419883
Ion Ratio Lower Upper
75 100
77 33.5 26.1 39.1
39 44.0 31.6 47.4



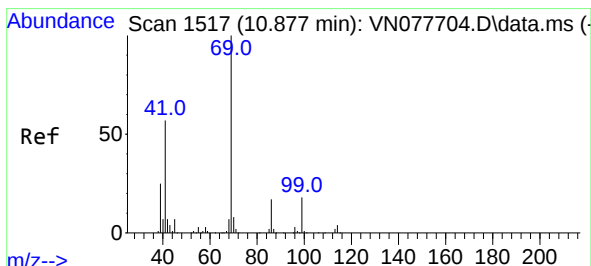
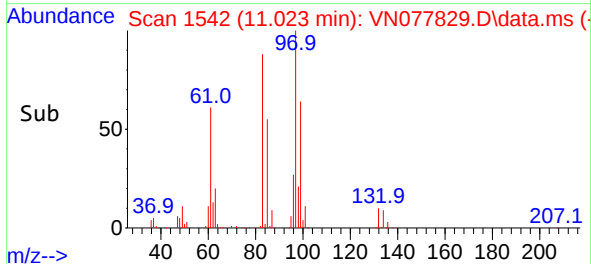
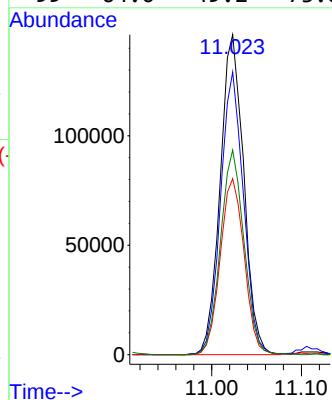
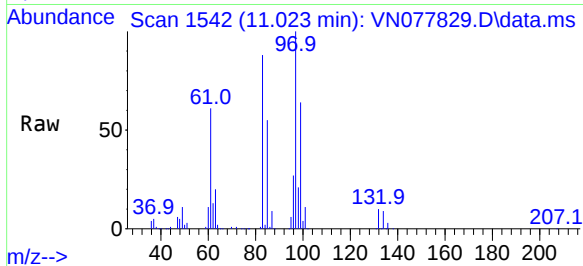


#55
1,1,2-Trichloroethane
Concen: 56.626 ug/l
RT: 11.023 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 266179

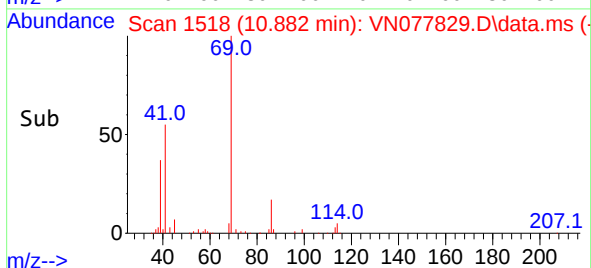
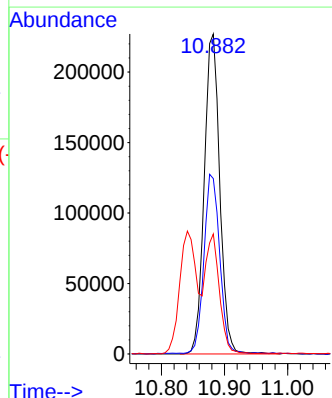
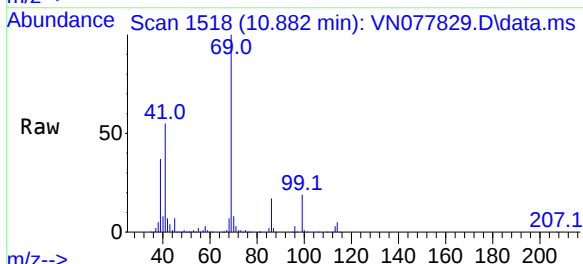
Ion	Ratio	Lower	Upper
97	100		
83	88.3	65.1	97.7
85	55.0	43.4	65.2
99	64.0	49.2	73.8

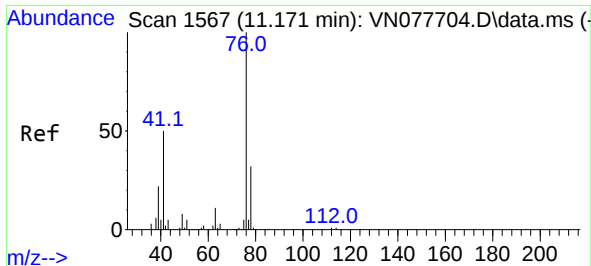


#56
Ethyl methacrylate
Concen: 54.636 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 69 Resp: 388318

Ion	Ratio	Lower	Upper
69	100		
41	56.3	39.6	59.4
39	32.4	28.6	43.0

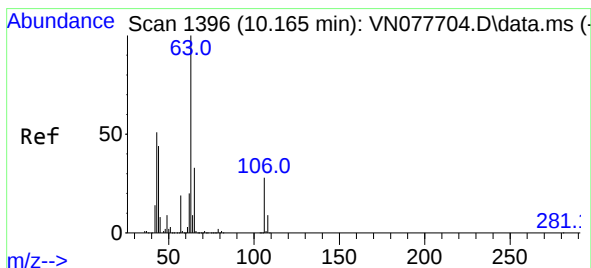
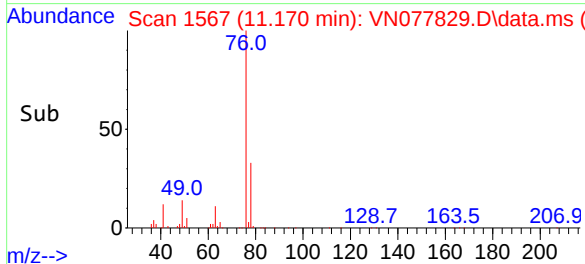
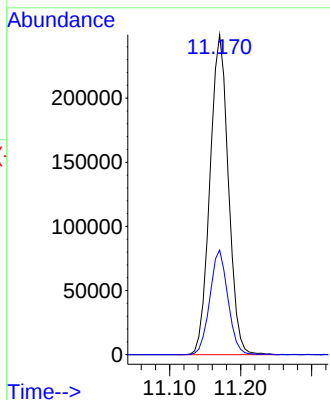
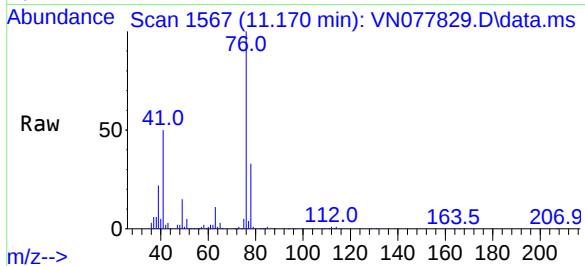




#57
1,3-Dichloropropane
Concen: 55.704 ug/l
RT: 11.170 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

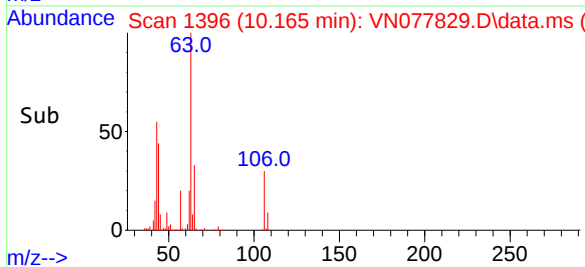
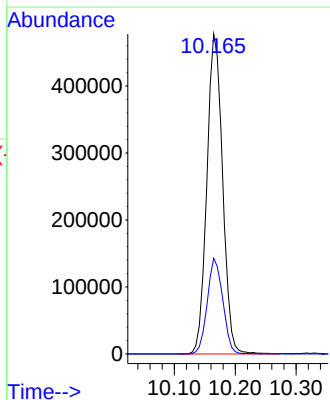
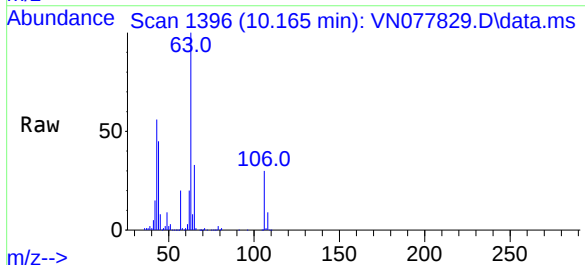
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

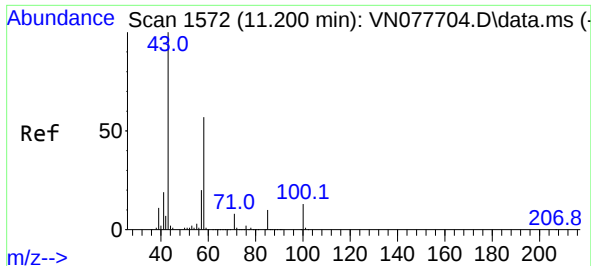
Tgt Ion: 76 Resp: 448887
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 245.127 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 63 Resp: 857100
Ion Ratio Lower Upper
63 100
106 29.5 26.2 39.4

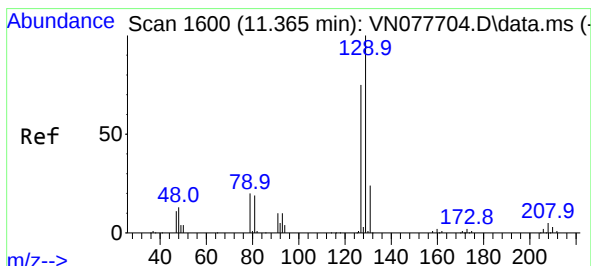
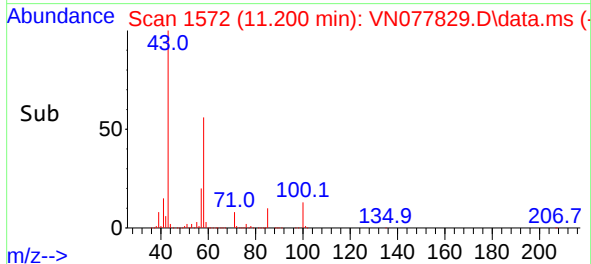
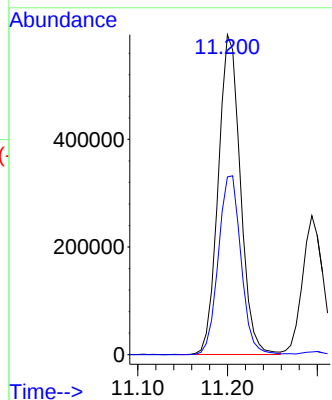
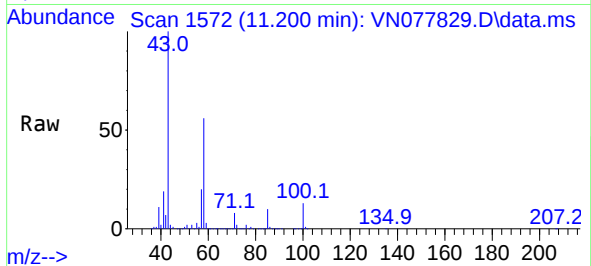




#59
2-Hexanone
Concen: 246.898 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

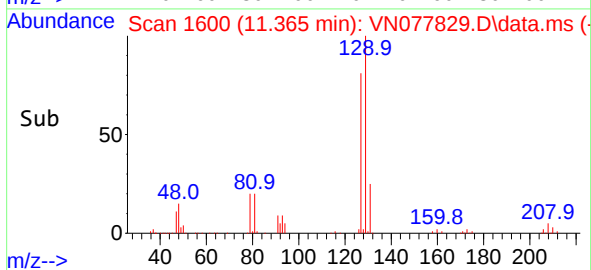
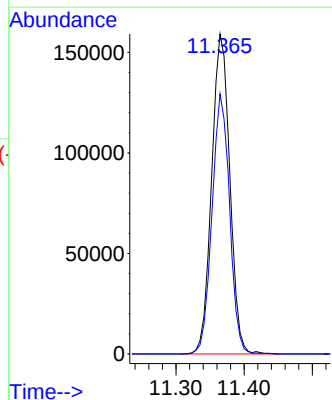
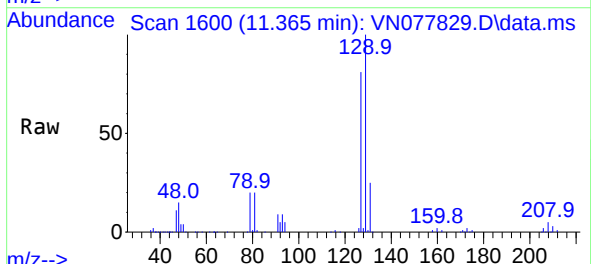
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

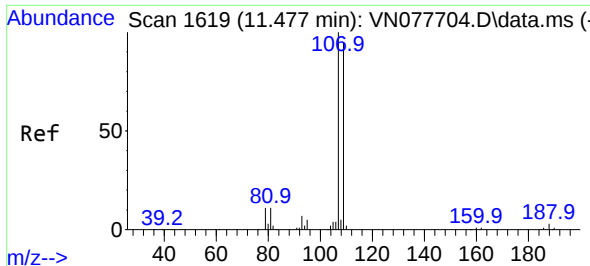
Tgt Ion: 43 Resp: 1018408
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1



#60
Dibromochloromethane
Concen: 60.747 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:129 Resp: 294787
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0

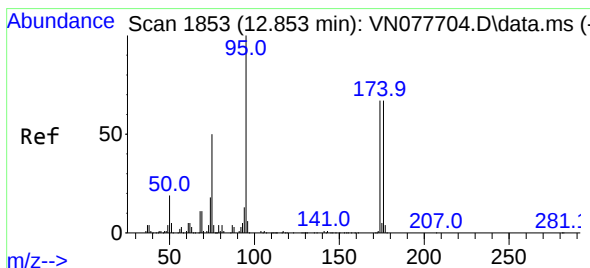
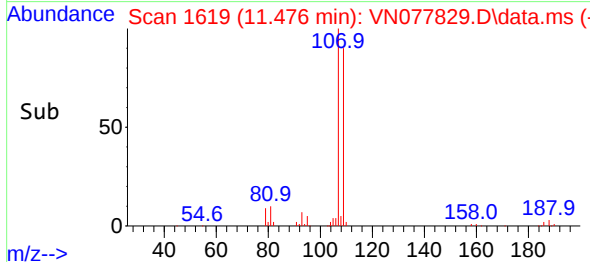
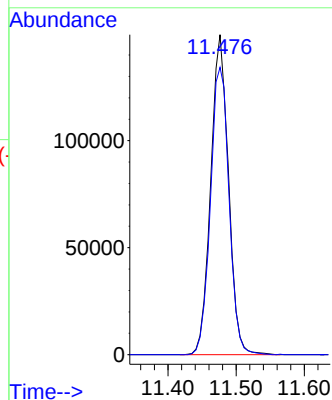
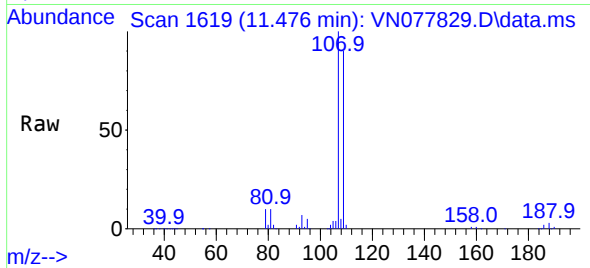




#61
1,2-Dibromoethane
Concen: 57.755 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

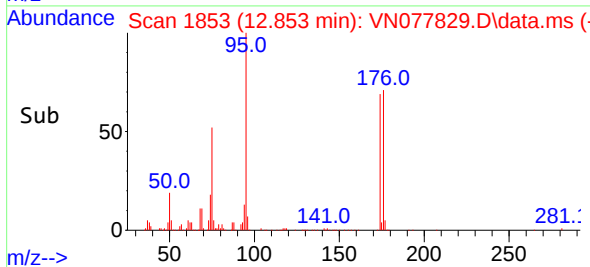
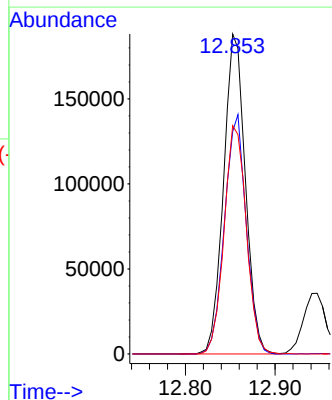
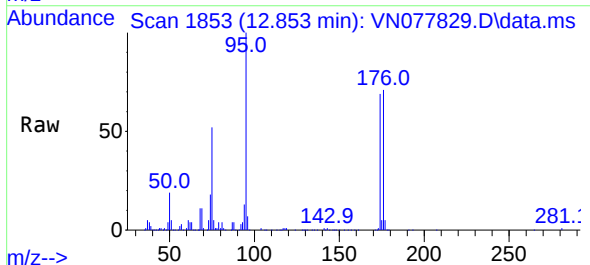
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

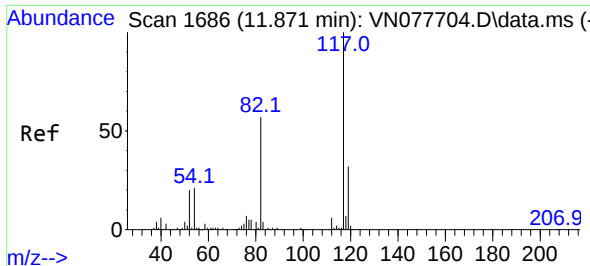
Tgt Ion:107 Resp: 270841
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.917 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

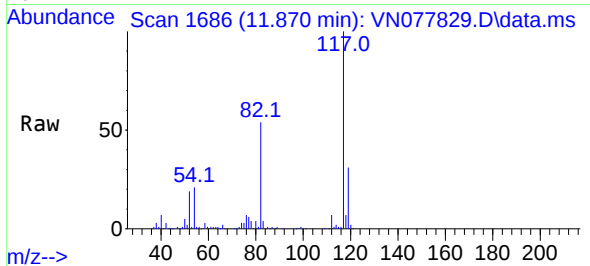
Tgt Ion: 95 Resp: 316932
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 72.9 0.0 135.8



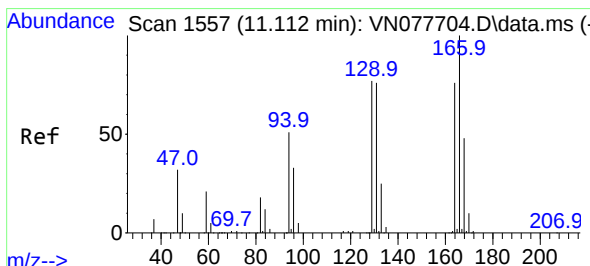
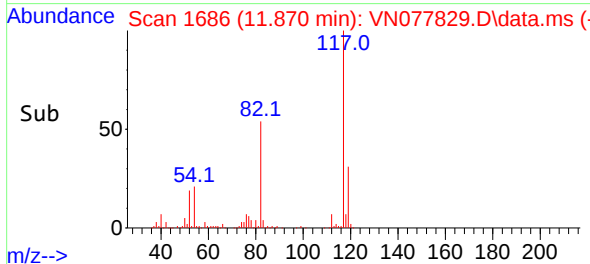
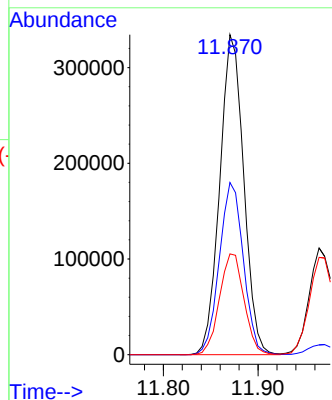


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

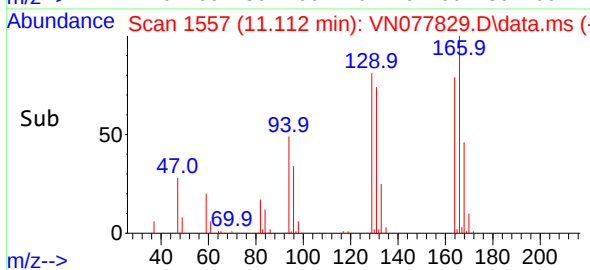
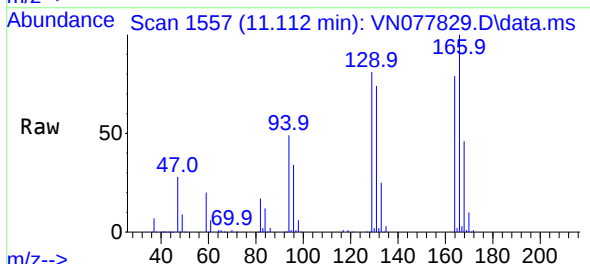
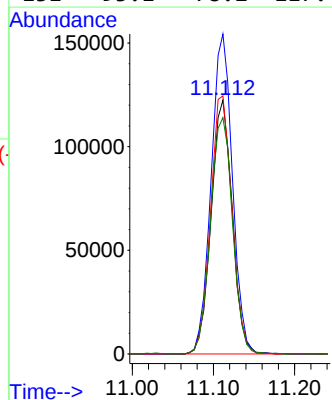


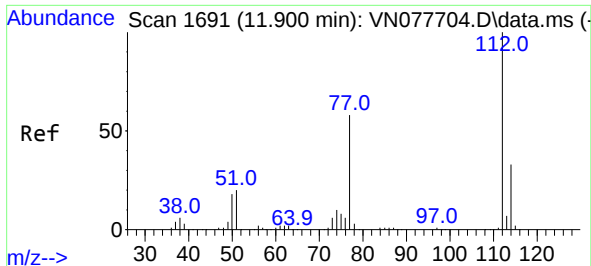
Tgt Ion:117 Resp: 588148
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 53.980 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:164 Resp: 222024
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 101.7 82.4 123.6
131 93.1 78.2 117.4

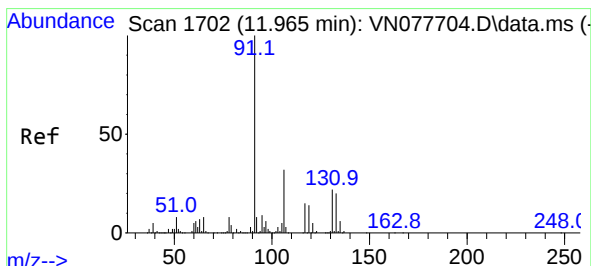
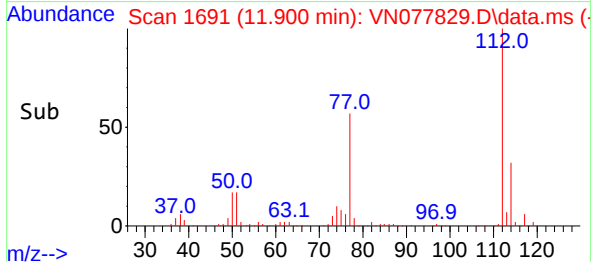
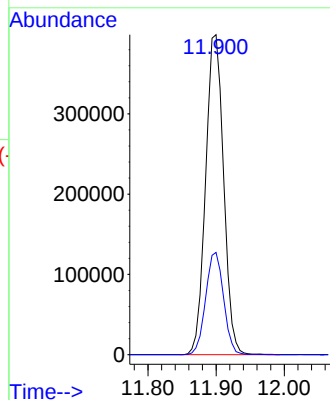
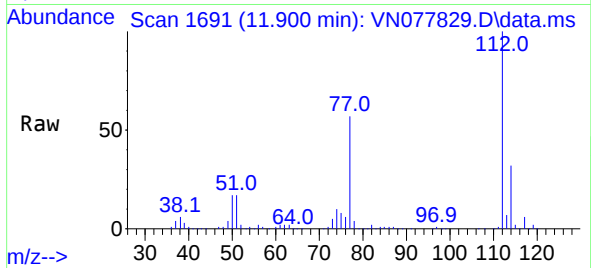




#65
Chlorobenzene
Concen: 57.382 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

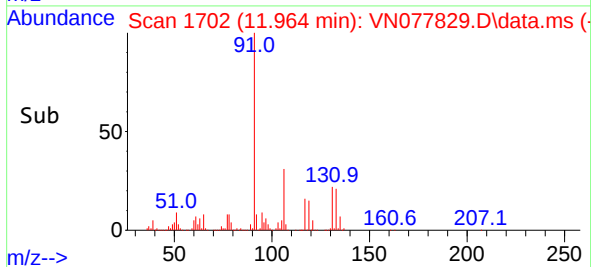
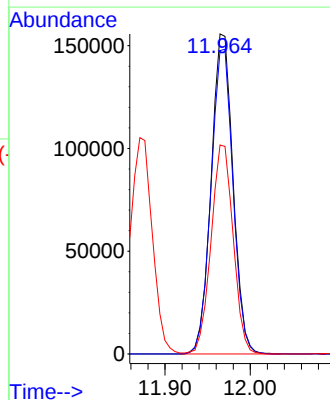
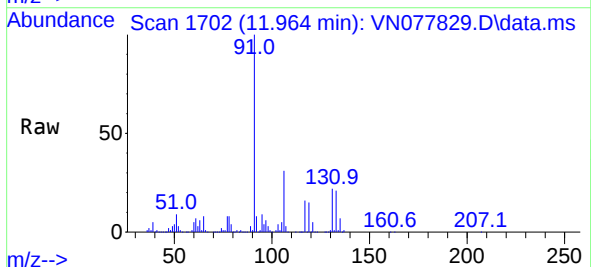
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

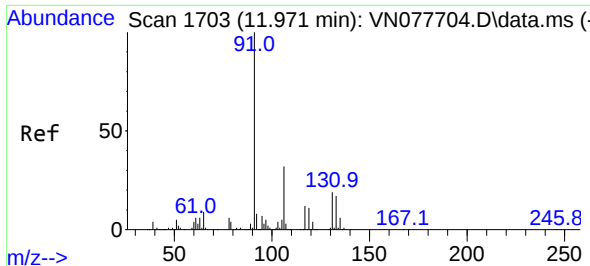
Tgt Ion:112 Resp: 731637
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 62.897 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:131 Resp: 277488
Ion Ratio Lower Upper
131 100
133 95.9 46.4 139.1
119 66.1 34.1 102.2

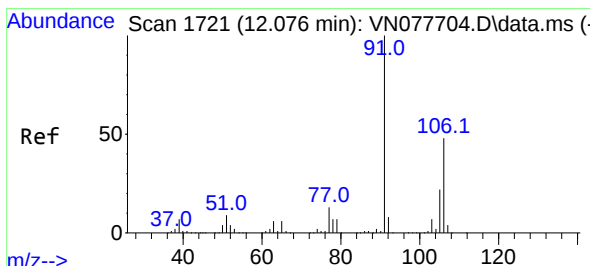
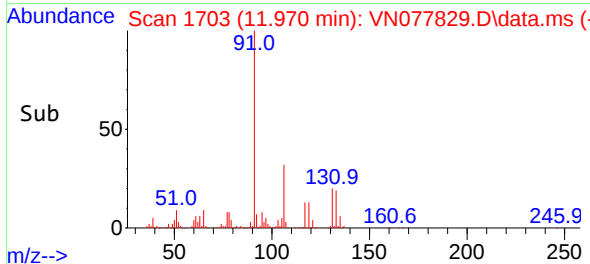
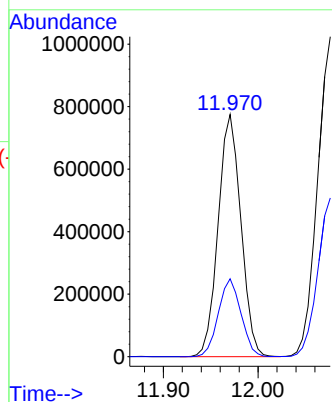
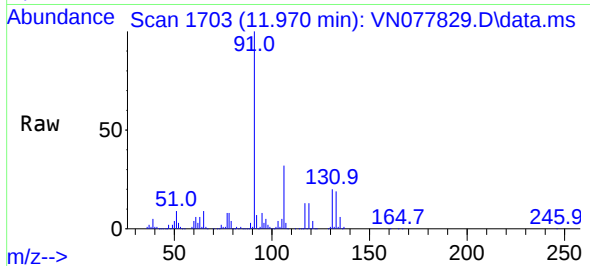




#67
Ethyl Benzene
Concen: 56.672 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

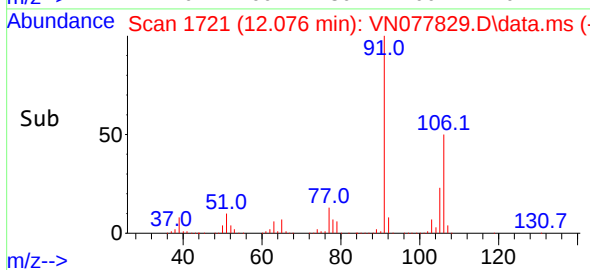
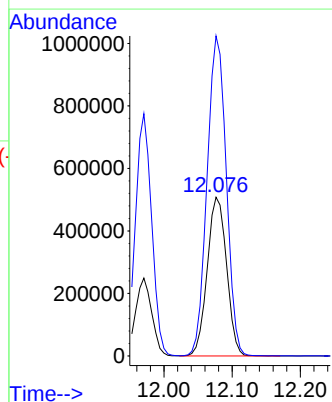
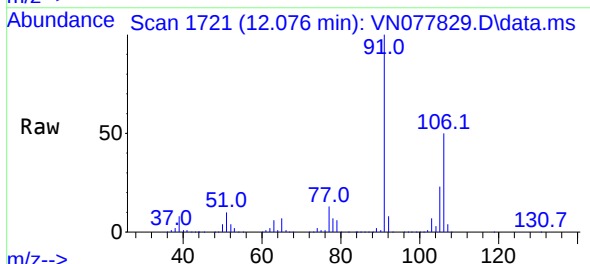
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

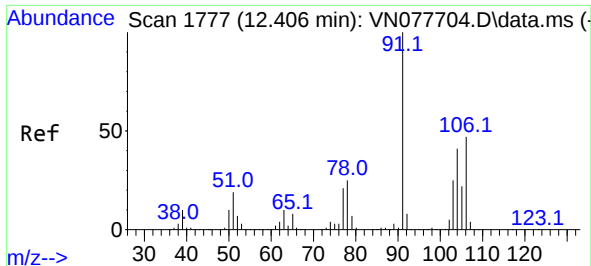
Tgt Ion: 91 Resp: 1294911
Ion Ratio Lower Upper
91 100
106 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 115.909 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:106 Resp: 1003515
Ion Ratio Lower Upper
106 100
91 200.0 159.6 239.4

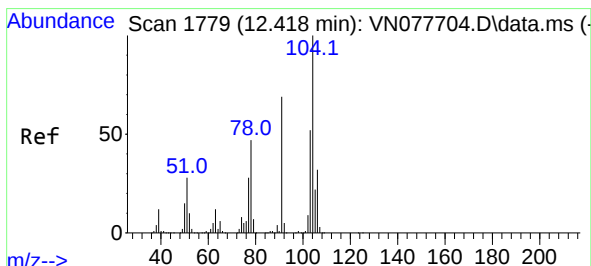
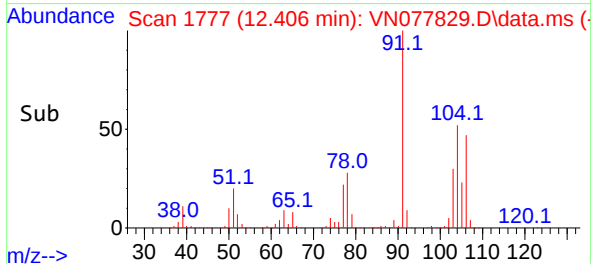
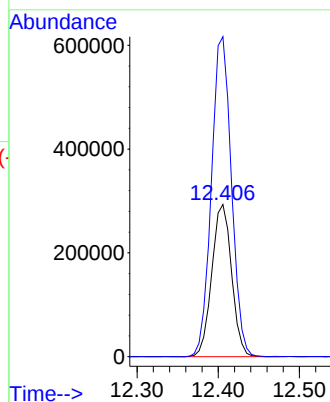
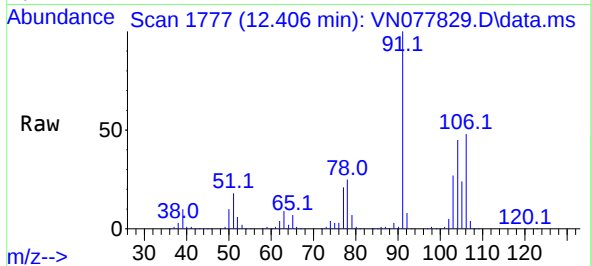




#69
o-Xylene
Concen: 58.205 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

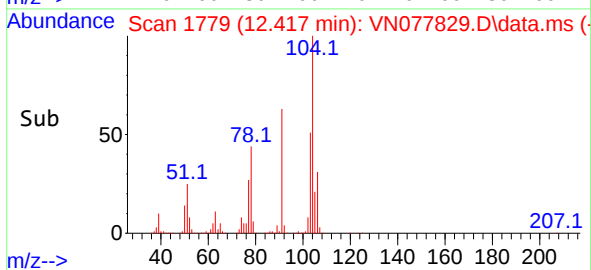
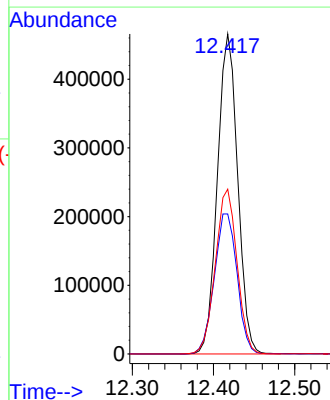
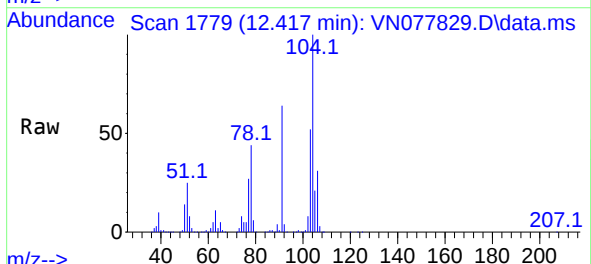
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

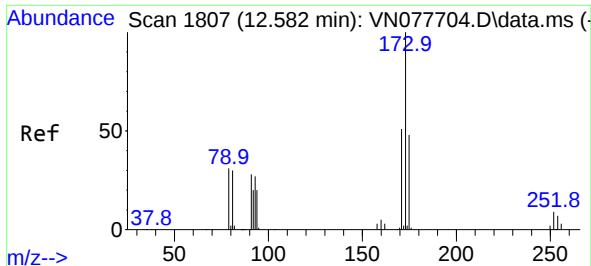
Tgt Ion:106 Resp: 495587
Ion Ratio Lower Upper
106 100
91 213.1 105.2 315.5



#70
Styrene
Concen: 59.863 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:104 Resp: 809693
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 55.2 43.2 64.8

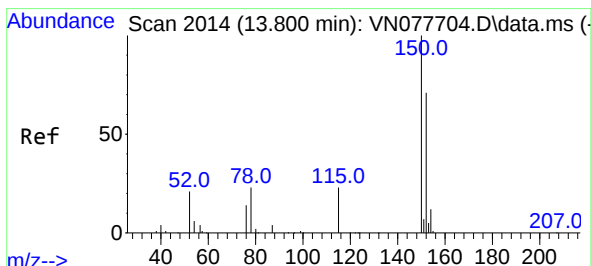
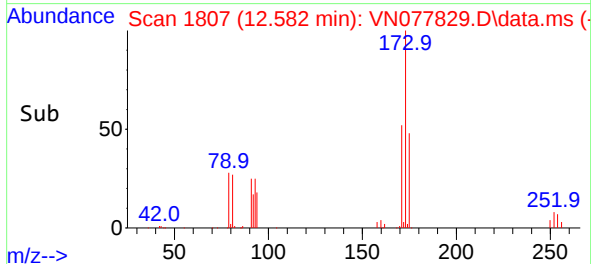
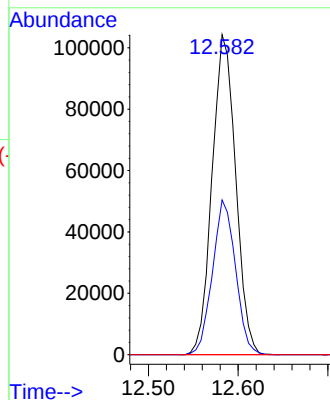
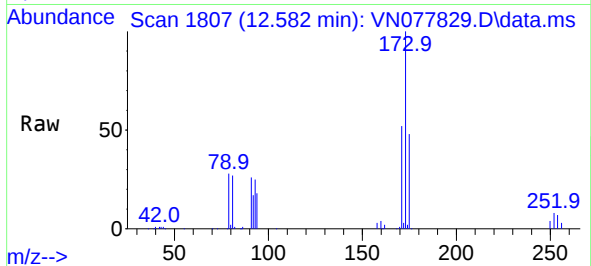




#71
Bromoform
Concen: 64.788 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

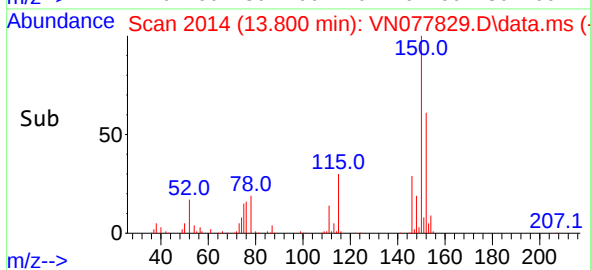
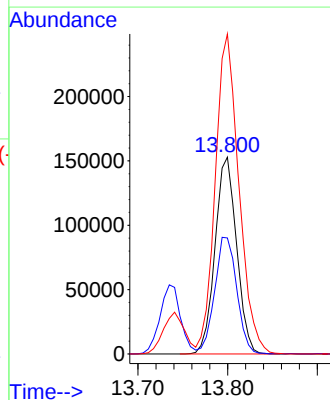
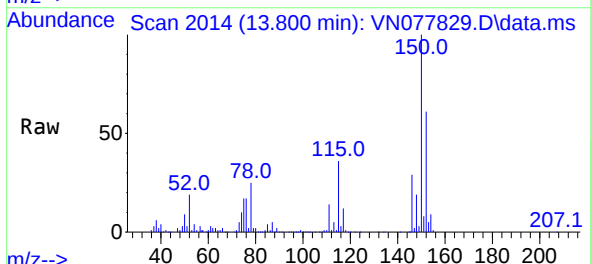
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

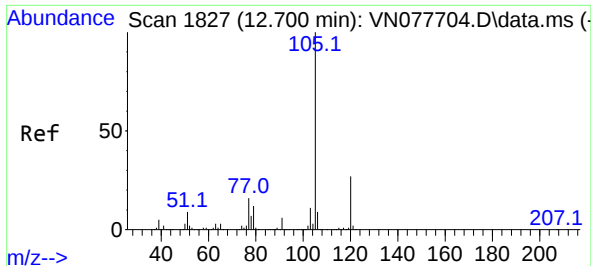
Tgt Ion:173 Resp: 190144
Ion Ratio Lower Upper
173 100
175 47.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:152 Resp: 254902
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 178.2 0.0 355.8

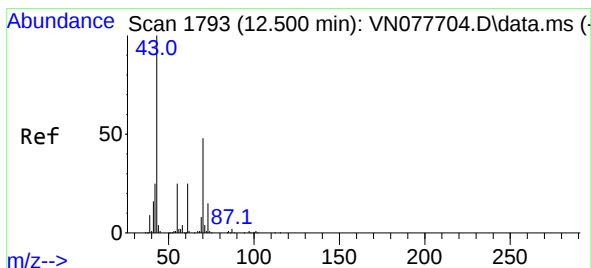
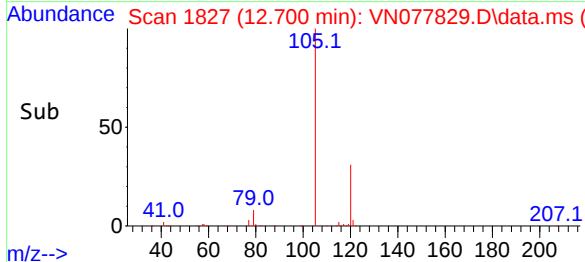
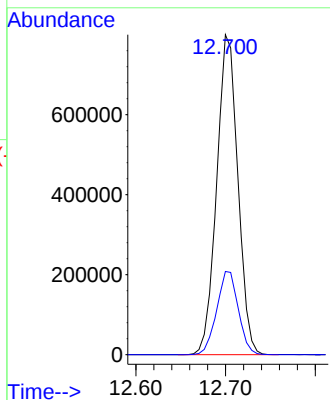
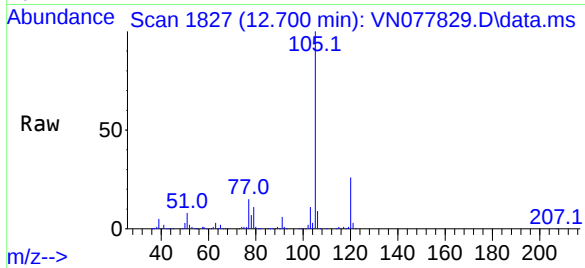




#73
Isopropylbenzene
Concen: 59.612 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

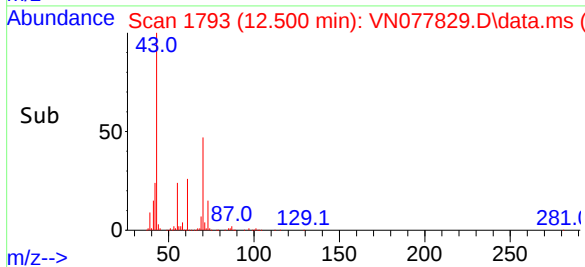
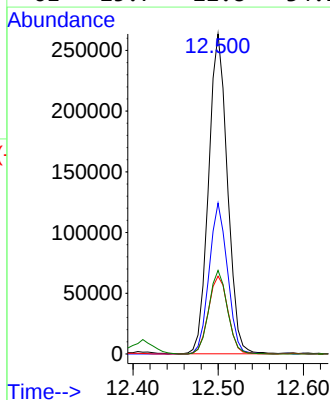
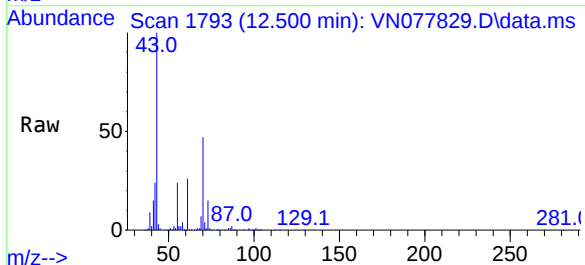
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

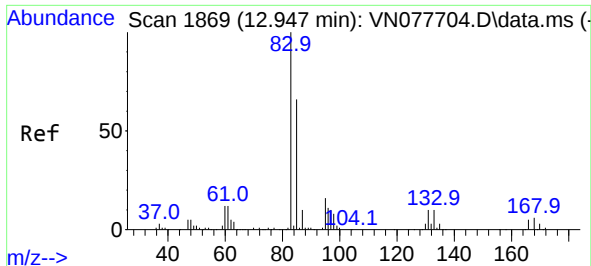
Tgt Ion:105 Resp: 1309824
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1



#74
N-ethyl acetate
Concen: 49.807 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 43 Resp: 404521
Ion Ratio Lower Upper
43 100
70 46.0 43.4 65.2
55 25.3 21.4 32.0
61 25.7 22.8 34.2

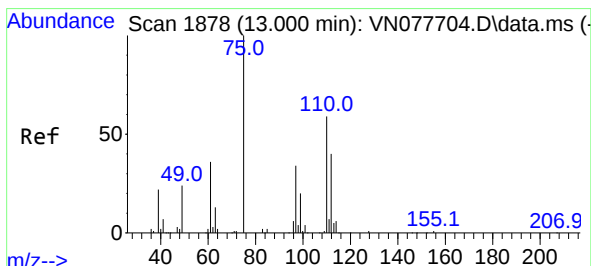
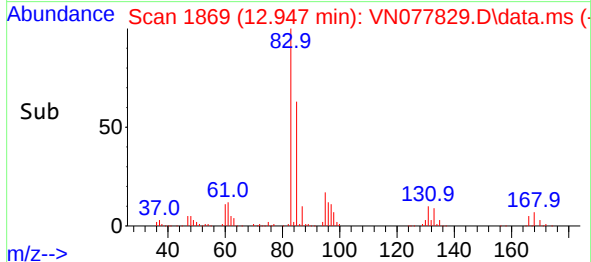
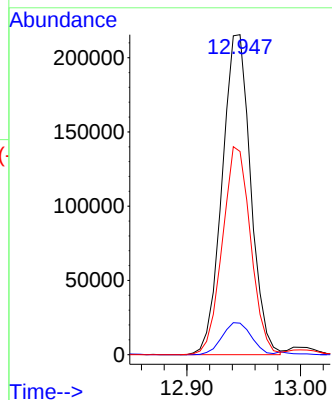
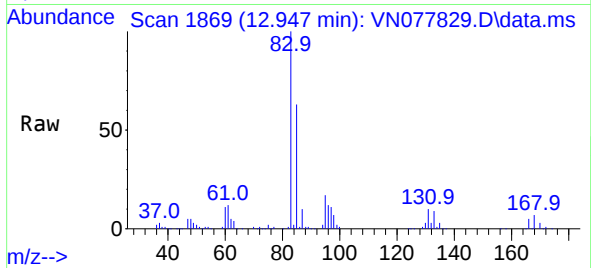




#75
1,1,2,2-Tetrachloroethane
Concen: 55.579 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

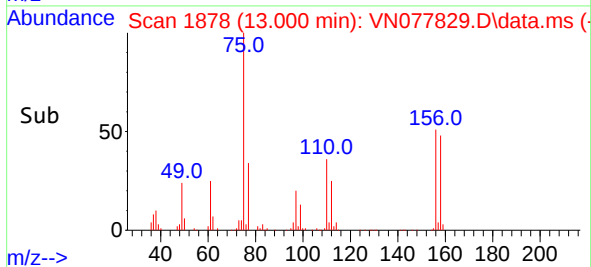
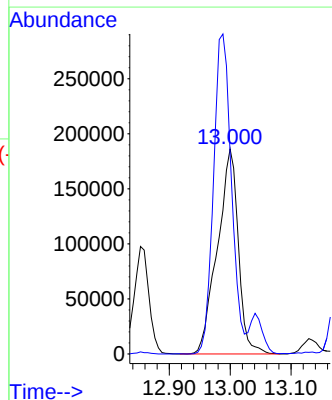
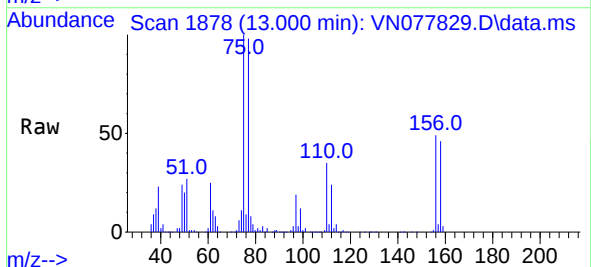
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

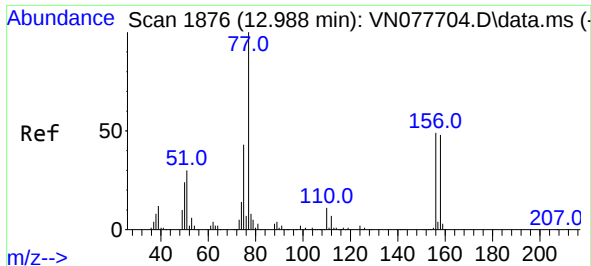
Tgt Ion: 83 Resp: 375691
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.499 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 75 Resp: 443659
Ion Ratio Lower Upper
75 100
77 133.5 84.5 253.5

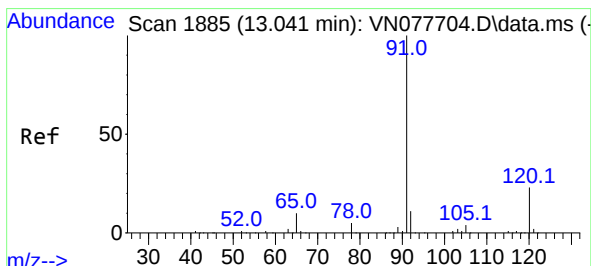
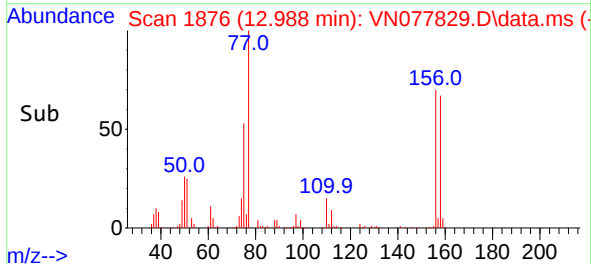
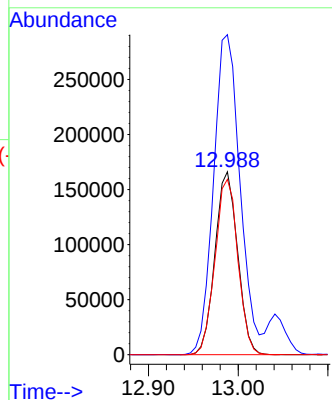
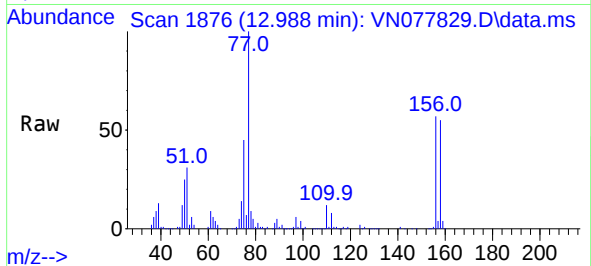




#77
Bromobenzene
Concen: 58.069 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

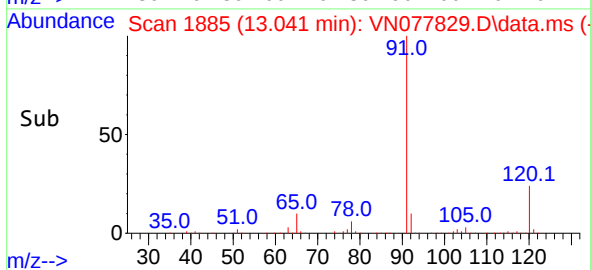
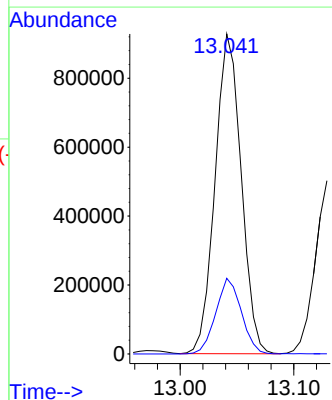
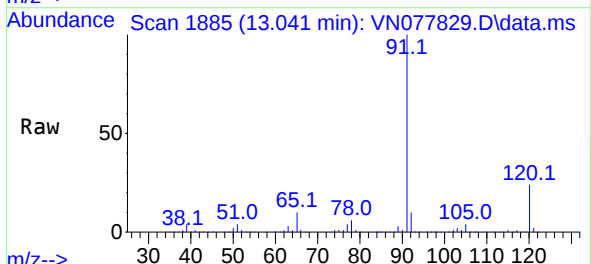
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

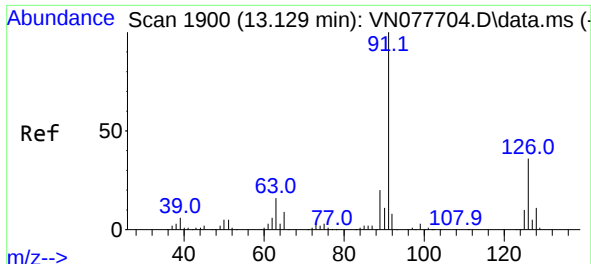
Tgt Ion:156 Resp: 291177
Ion Ratio Lower Upper
156 100
77 203.4 107.7 323.3
158 96.8 48.4 145.3



#78
n-propylbenzene
Concen: 57.093 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 91 Resp: 1478960
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 57.501 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN077829.D

Acq: 23 May 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

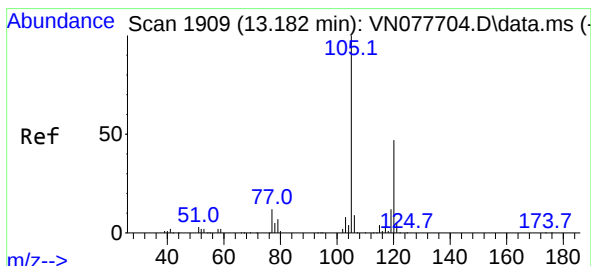
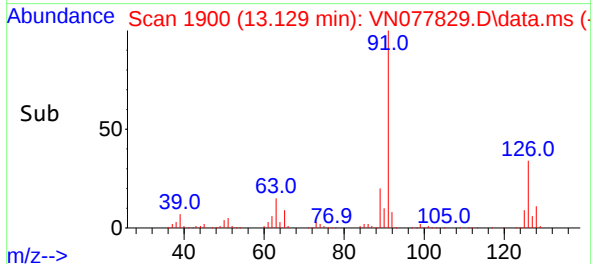
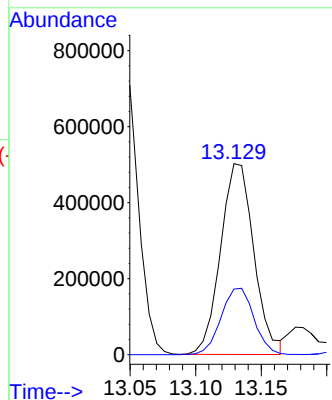
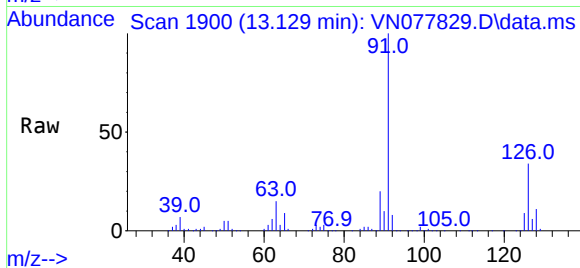
VSTDCCC050

Tgt Ion: 91 Resp: 888822

Ion Ratio Lower Upper

91 100

126 34.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 59.674 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077829.D

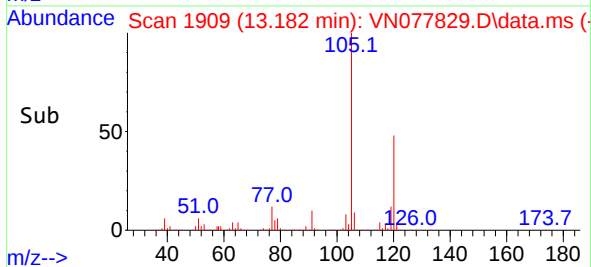
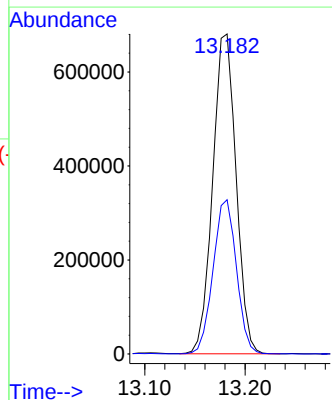
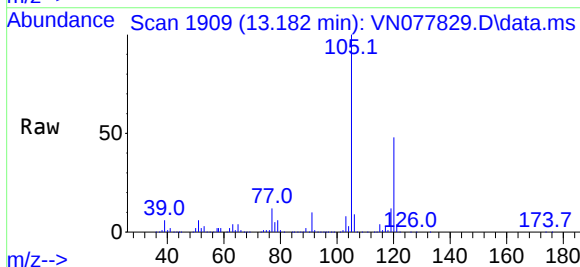
Acq: 23 May 2023 23:02

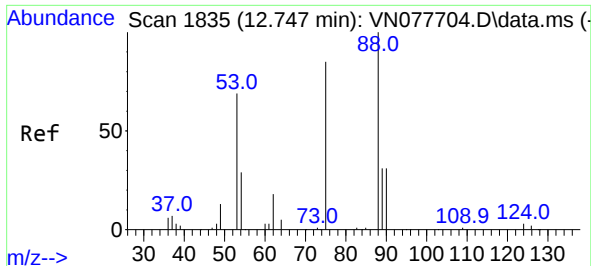
Tgt Ion:105 Resp: 1102004

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3

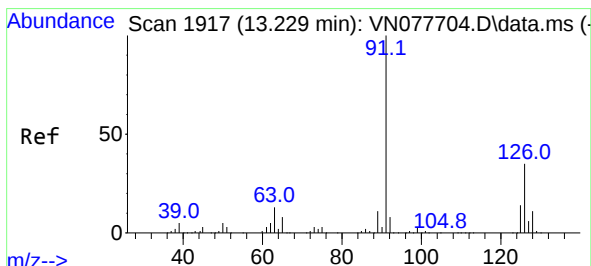
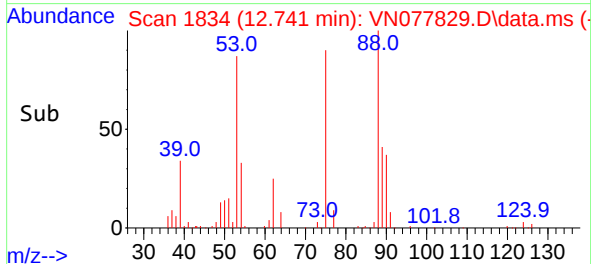
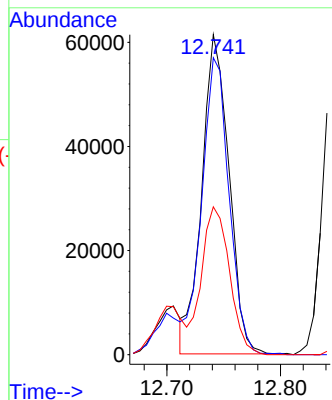
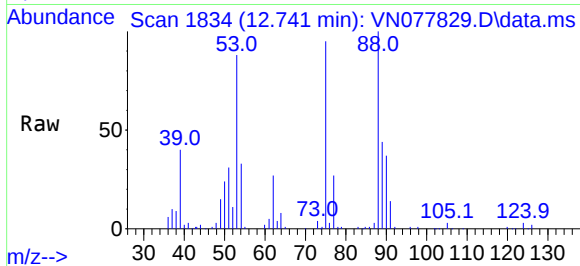




#81
trans-1,4-Dichloro-2-butene
Concen: 50.932 ug/l
RT: 12.741 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

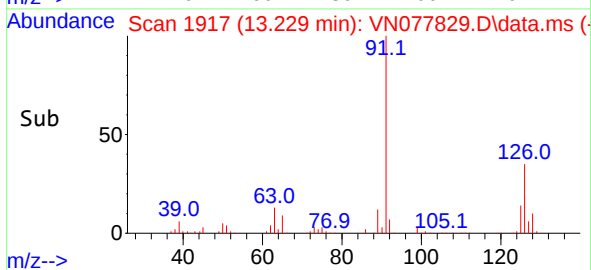
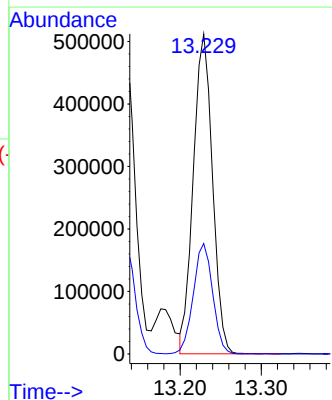
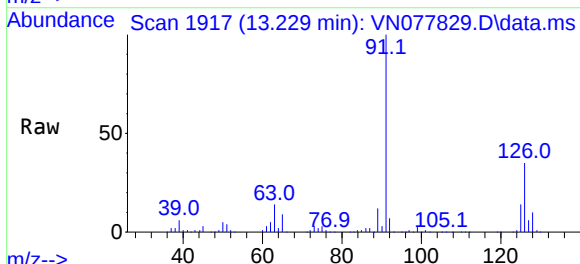
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

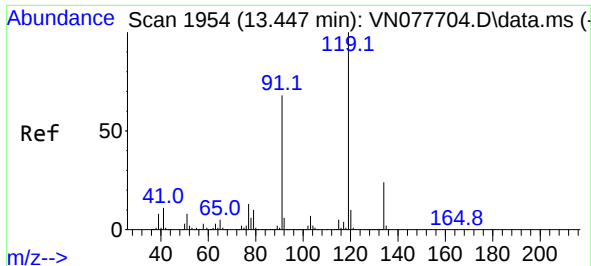
Tgt Ion: 75 Resp: 101715
Ion Ratio Lower Upper
75 100
53 94.0 67.4 101.2
89 47.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 54.625 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 91 Resp: 840120
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0

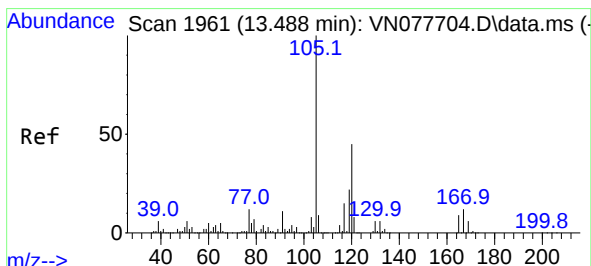
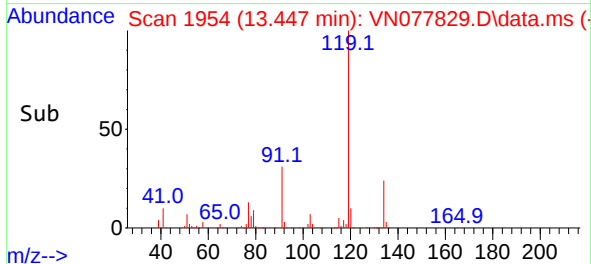
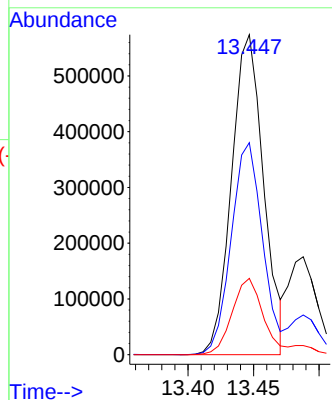
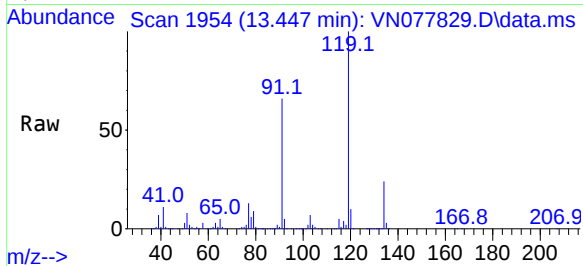




#83
tert-Butylbenzene
Concen: 60.697 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

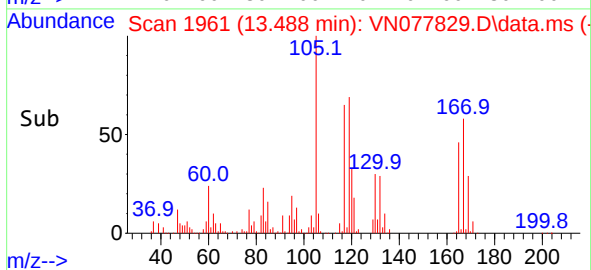
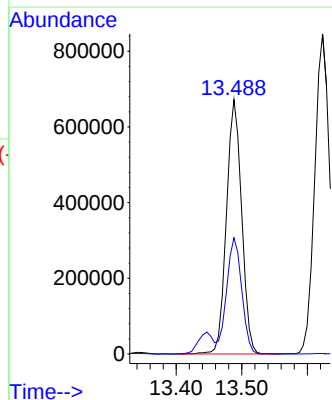
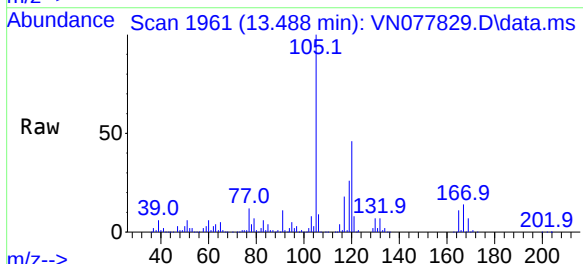
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

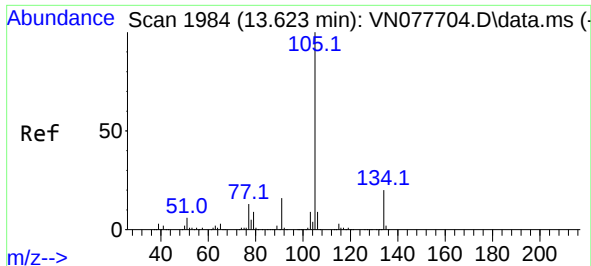
Tgt Ion:119 Resp: 978540
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 23.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 59.442 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:105 Resp: 1079599
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0

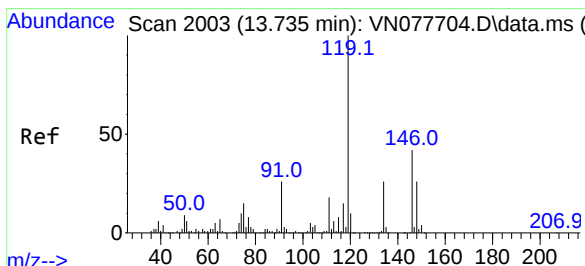
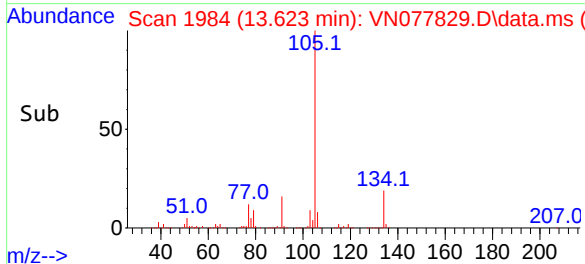
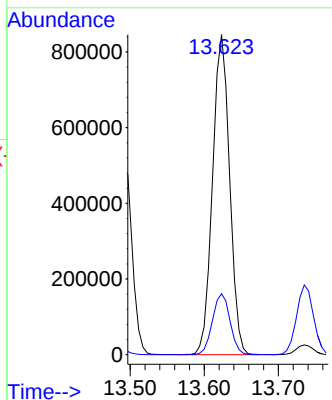
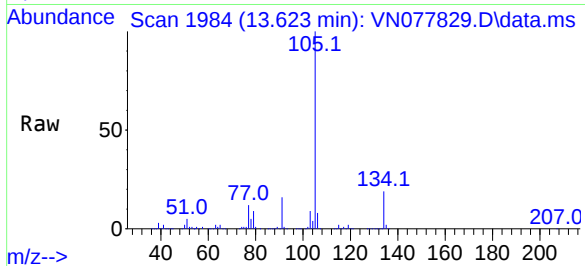




#85
 sec-Butylbenzene
 Concen: 58.982 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077829.D
 Acq: 23 May 2023 23:02

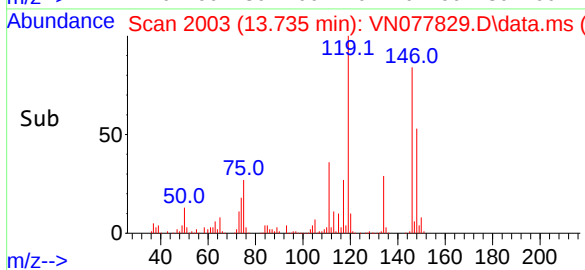
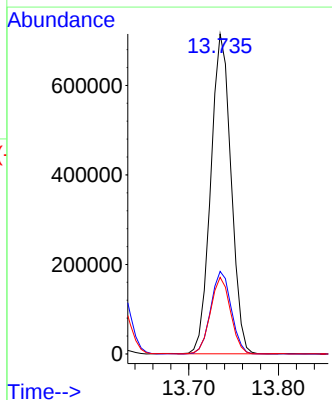
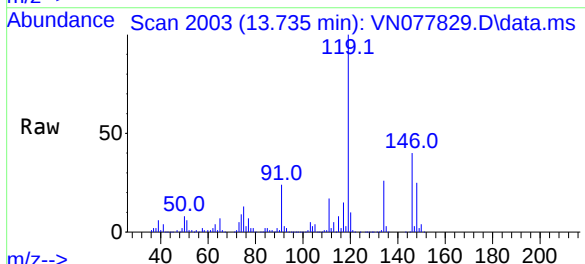
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

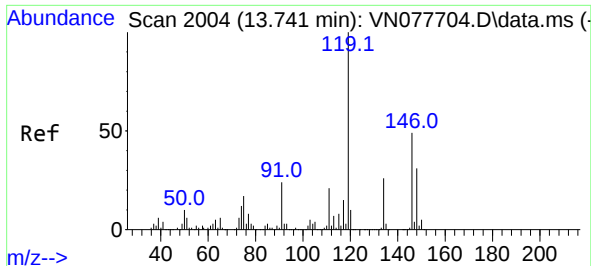
Tgt Ion:105 Resp: 1351384
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 61.348 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN077829.D
 Acq: 23 May 2023 23:02

Tgt Ion:119 Resp: 1120584
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 23.7 12.4 37.2

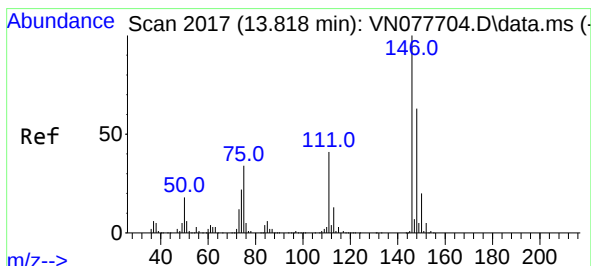
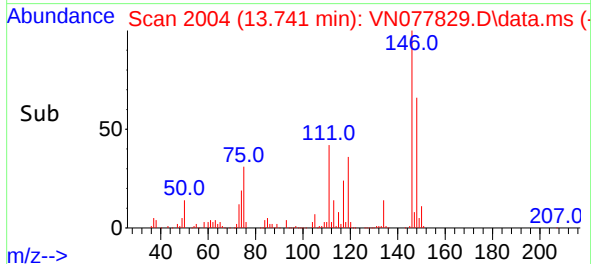
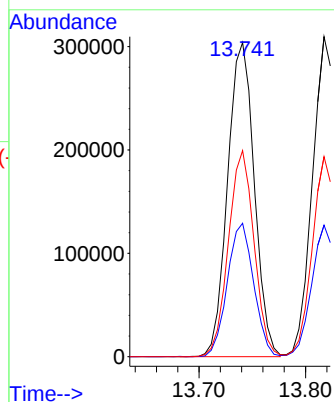
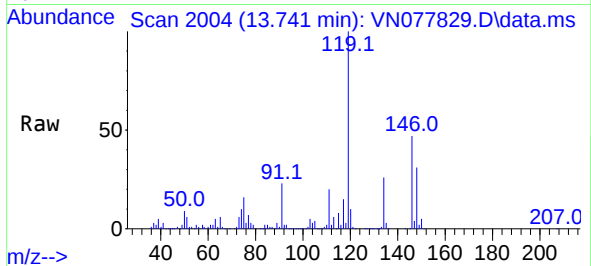




#87
1,3-Dichlorobenzene
Concen: 57.049 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

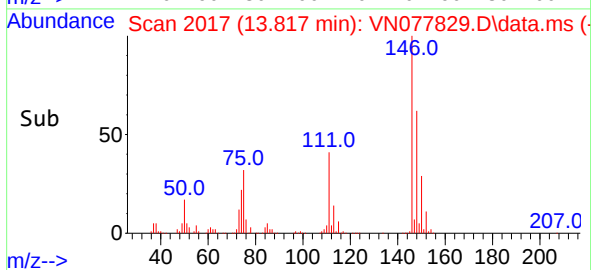
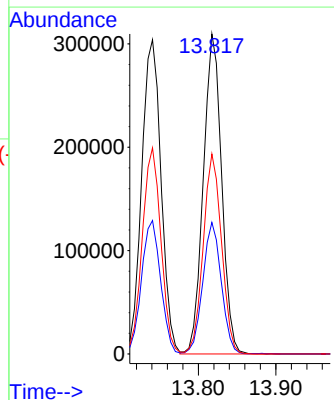
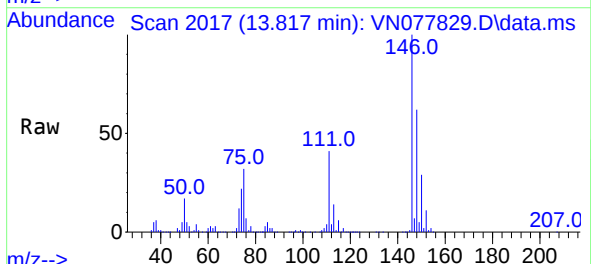
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

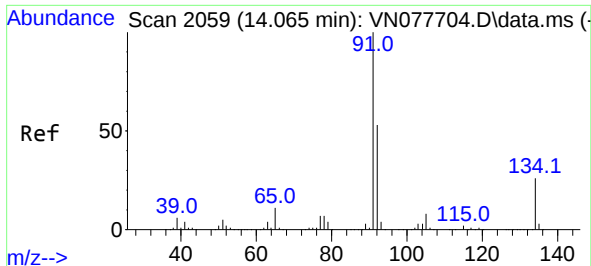
Tgt Ion:146 Resp: 529025
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.3
148 63.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 55.275 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:146 Resp: 508637
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 62.5 31.6 94.8

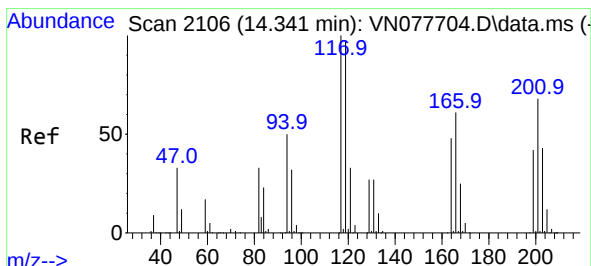
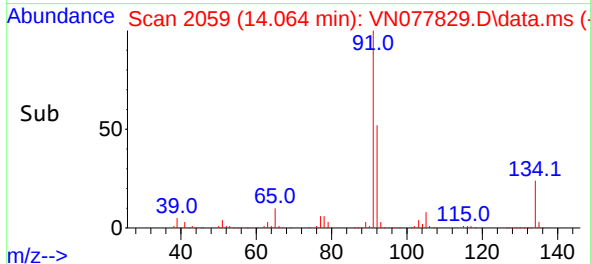
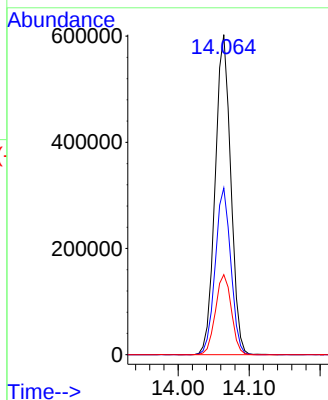
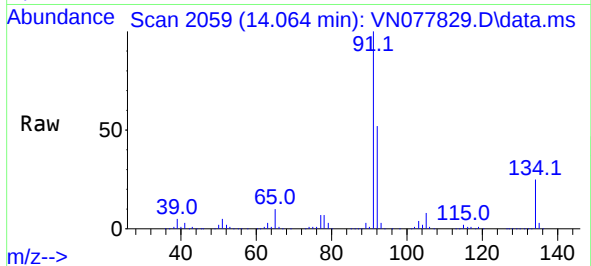




#89
n-Butylbenzene
Concen: 54.553 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

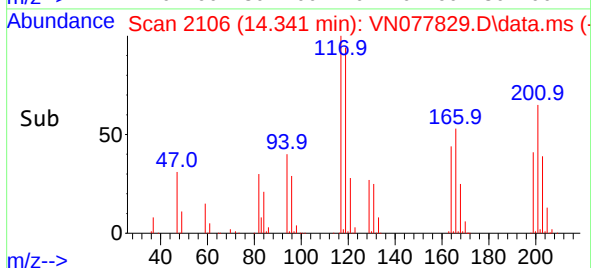
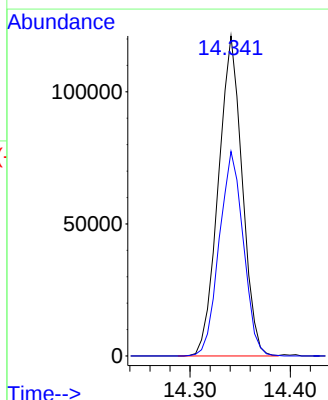
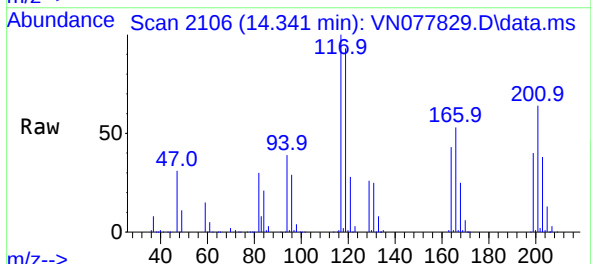
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

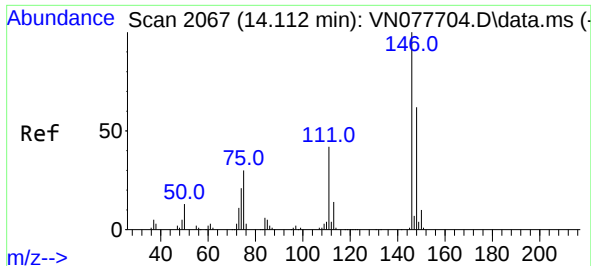
Tgt Ion: 91 Resp: 916530
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.0
134 25.5 12.6 37.6



#90
Hexachloroethane
Concen: 66.652 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion: 117 Resp: 200003
Ion Ratio Lower Upper
117 100
201 64.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 60.151 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077829.D

Acq: 23 May 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

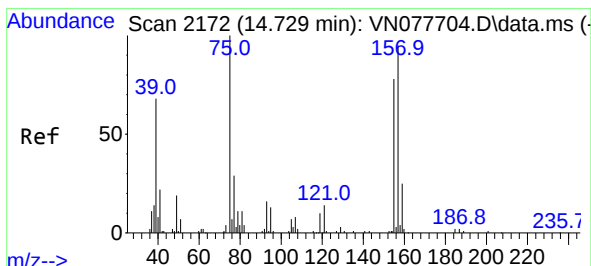
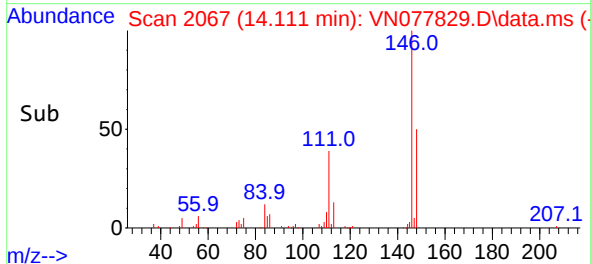
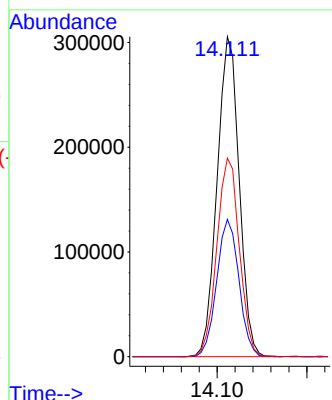
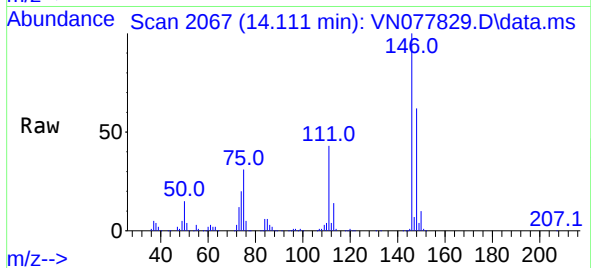
Tgt Ion:146 Resp: 521094

Ion Ratio Lower Upper

146 100

111 43.2 22.0 66.0

148 63.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.502 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077829.D

Acq: 23 May 2023 23:02

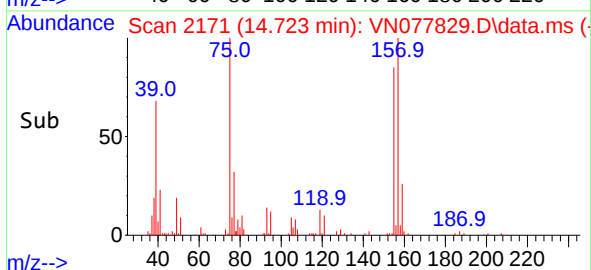
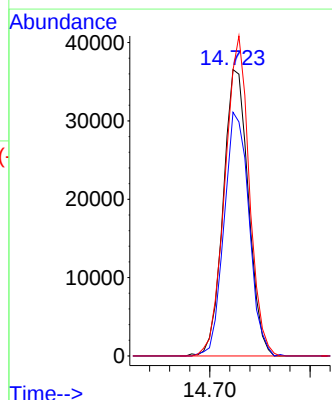
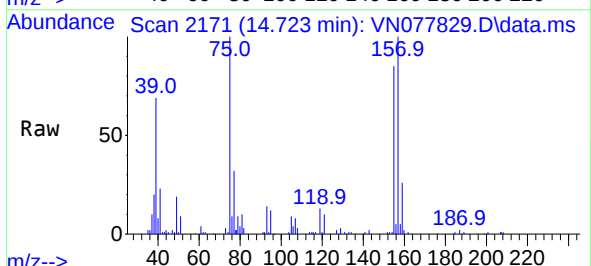
Tgt Ion: 75 Resp: 63474

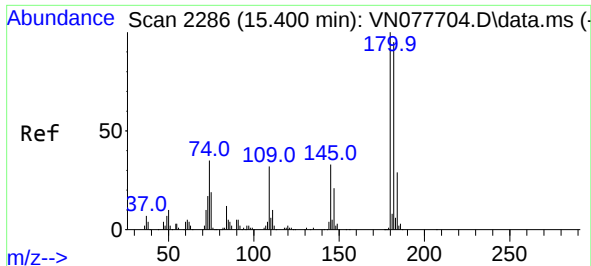
Ion Ratio Lower Upper

75 100

155 84.5 39.1 117.2

157 108.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.370 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077829.D

Acq: 23 May 2023 23:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

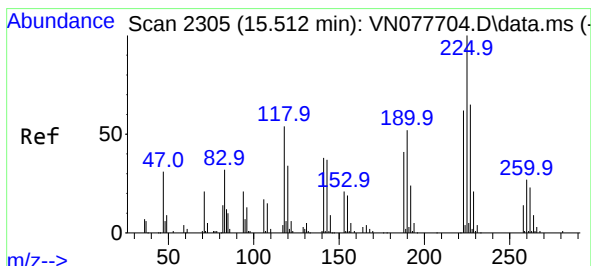
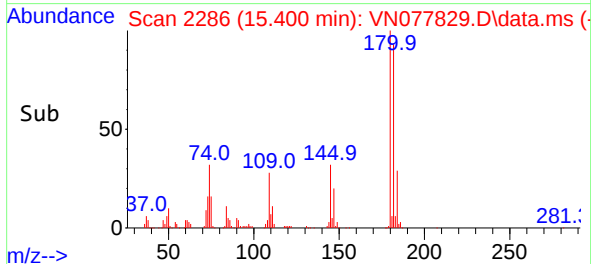
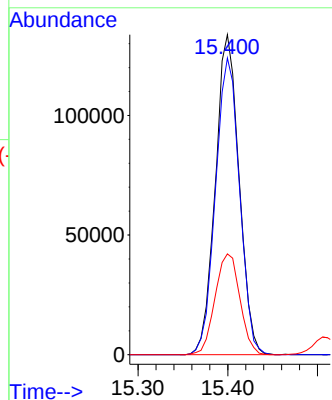
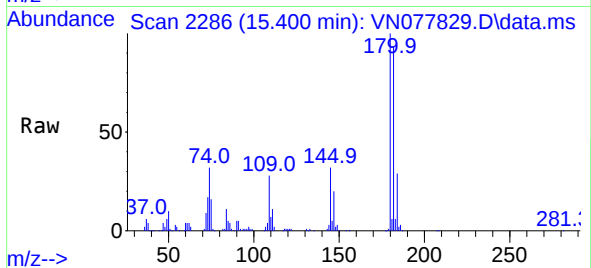
Tgt Ion:180 Resp: 244872

Ion Ratio Lower Upper

180 100

182 94.1 46.1 138.2

145 33.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 57.506 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.001 min

Lab File: VN077829.D

Acq: 23 May 2023 23:02

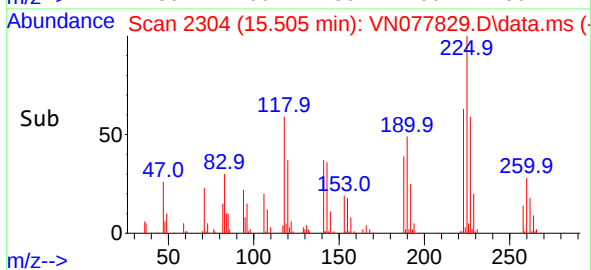
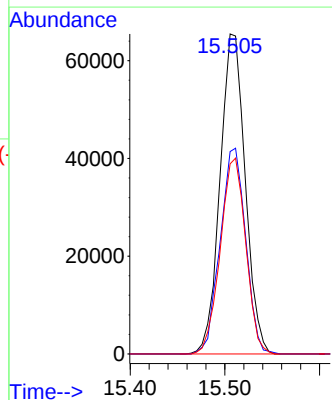
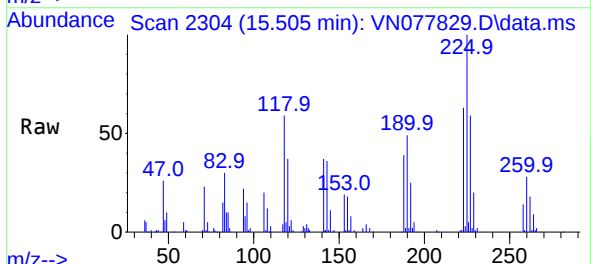
Tgt Ion:225 Resp: 120873

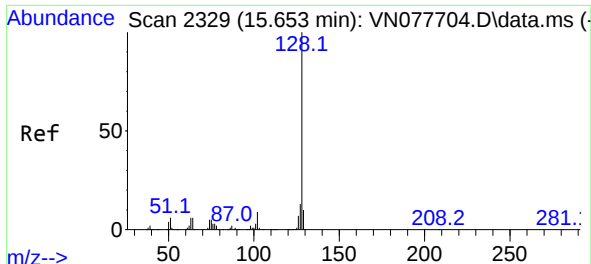
Ion Ratio Lower Upper

225 100

223 65.1 31.3 93.8

227 61.9 31.9 95.9

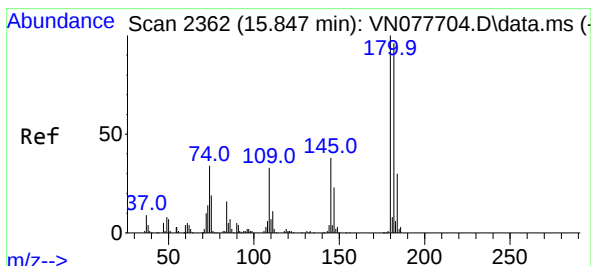
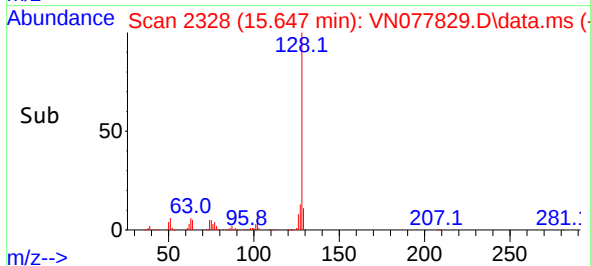
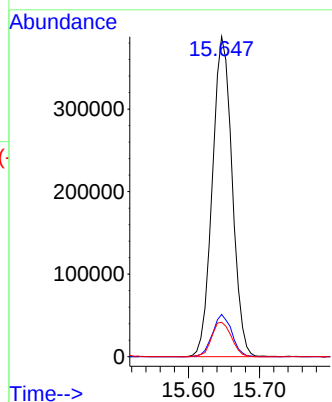
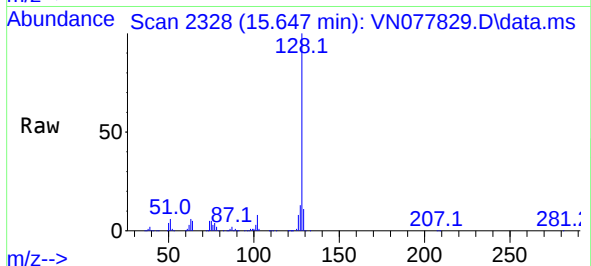




#95
Naphthalene
Concen: 43.010 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 749449
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.697 ug/l
RT: 15.852 min Scan# 2363
Delta R.T. 0.005 min
Lab File: VN077829.D
Acq: 23 May 2023 23:02

Tgt Ion:180 Resp: 251289
Ion Ratio Lower Upper
180 100
182 93.4 46.2 138.6
145 34.2 17.5 52.6

