

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073701.D
 Acq On : 02 Aug 2022 20:56
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 03 02:40:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	365172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	606170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	564614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	274329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	251350	56.480	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.960%	
35) Dibromofluoromethane	7.951	113	214451	56.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.680%	
50) Toluene-d8	10.380	98	846226	56.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.000%	
62) 4-Bromofluorobenzene	12.674	95	281167	55.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	169167	47.761	ug/l	99
3) Chloromethane	2.269	50	216368	50.870	ug/l	99
4) Vinyl Chloride	2.404	62	277802	44.846	ug/l	98
5) Bromomethane	2.781	94	147045	40.930	ug/l	97
6) Chloroethane	2.951	64	188588	52.294	ug/l	100
7) Trichlorofluoromethane	3.304	101	389655	61.035	ug/l	97
8) Diethyl Ether	3.763	74	122593	51.141	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	170664	48.318	ug/l	98
10) Methyl Iodide	4.345	142	153561	42.765	ug/l	97
11) Tert butyl alcohol	5.298	59	266761	277.948	ug/l	99
12) 1,1-Dichloroethene	4.110	96	169876	49.031	ug/l	96
13) Acrolein	3.981	56	305555	321.133	ug/l	99
14) Allyl chloride	4.757	41	266206	48.058	ug/l	99
15) Acrylonitrile	5.475	53	710559	267.645	ug/l	99
16) Acetone	4.222	43	583042	243.925	ug/l	97
17) Carbon Disulfide	4.457	76	433641	47.204	ug/l	100
18) Methyl Acetate	4.775	43	311042	52.306	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	646753	54.642	ug/l	99
20) Methylene Chloride	5.010	84	216439	56.249	ug/l	96
21) trans-1,2-Dichloroethene	5.516	96	188400	50.234	ug/l	94
22) Diisopropyl ether	6.410	45	621208	51.982	ug/l	98
23) Vinyl Acetate	6.351	43	2731962	272.667	ug/l	100
24) 1,1-Dichloroethane	6.304	63	361452	49.164	ug/l	98
25) 2-Butanone	7.257	43	977736	263.399	ug/l	100
26) 2,2-Dichloropropane	7.245	77	185379	32.773	ug/l	95
27) cis-1,2-Dichloroethene	7.245	96	238511	51.616	ug/l	91
28) Bromochloromethane	7.586	49	156152	50.585	ug/l	99
29) Tetrahydrofuran	7.610	42	624828	266.235	ug/l	98
30) Chloroform	7.751	83	387838	50.632	ug/l	98
31) Cyclohexane	8.022	56	307833	46.463	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	324428	51.009	ug/l	98
36) 1,1-Dichloropropene	8.151	75	270189	49.805	ug/l	99
37) Ethyl Acetate	7.339	43	356323	49.874	ug/l	98
38) Carbon Tetrachloride	8.133	117	279101	50.655	ug/l	95
39) Methylcyclohexane	9.392	83	325073	50.144	ug/l	96
40) Benzene	8.392	78	880804	49.999	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	146805	45.409	ug/l #	91
42) 1,2-Dichloroethane	8.463	62	294927	49.675	ug/l	99
43) Isopropyl Acetate	8.498	43	515572	53.427	ug/l	99
44) Trichloroethene	9.151	130	224109	50.166	ug/l	99
45) 1,2-Dichloropropane	9.427	63	218633	49.652	ug/l	99
46) Dibromomethane	9.516	93	156812	51.311	ug/l	100
47) Bromodichloromethane	9.698	83	301247	51.359	ug/l	97
48) Methyl methacrylate	9.498	41	227043	53.750	ug/l	89
49) 1,4-Dioxane	9.504	88	131673	1105.834	ug/l	93
51) 4-Methyl-2-Pentanone	10.274	43	1868522	269.965	ug/l	100
52) Toluene	10.445	92	566249	52.624	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	300089	51.788	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	329138	50.406	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	235467	52.476	ug/l	99
56) Ethyl methacrylate	10.704	69	368467	59.580	ug/l	99
57) 1,3-Dichloropropane	10.986	76	390270	51.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	786055	240.579	ug/l	99
59) 2-Hexanone	11.027	43	1454409	277.353	ug/l	100
60) Dibromochloromethane	11.180	129	244731	54.824	ug/l	100
61) 1,2-Dibromoethane	11.286	107	243051	52.593	ug/l	98
64) Tetrachloroethene	10.916	164	211672	47.173	ug/l	97
65) Chlorobenzene	11.710	112	611096	50.955	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	229433	53.337	ug/l	99
67) Ethyl Benzene	11.786	91	1080344	53.396	ug/l	99
68) m/p-Xylenes	11.892	106	838678	108.684	ug/l	100
69) o-Xylene	12.221	106	416911	55.416	ug/l	99
70) Styrene	12.233	104	696886	57.866	ug/l	98
71) Bromoform	12.398	173	200956	56.599	ug/l #	98
73) Isopropylbenzene	12.521	105	1074625	53.513	ug/l	99
74) N-amyl acetate	12.333	43	418883	55.208	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	377594	48.727	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	455823	93.507	ug/l	45
77) Bromobenzene	12.804	156	271907	51.994	ug/l	96
78) n-propylbenzene	12.862	91	1207255	53.429	ug/l	100
79) 2-Chlorotoluene	12.951	91	730478	51.797	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	896575	54.253	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	99459	46.984	ug/l	99
82) 4-Chlorotoluene	13.045	91	697413	52.178	ug/l	97
83) tert-Butylbenzene	13.262	119	811225	55.420	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	894802	55.065	ug/l	99
85) sec-Butylbenzene	13.439	105	1108202	54.777	ug/l	99
86) p-Isopropyltoluene	13.557	119	914679	57.351	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	487153	51.034	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	477635	50.009	ug/l	98
89) n-Butylbenzene	13.880	91	710394	54.744	ug/l	99
90) Hexachloroethane	14.151	117	162714	51.421	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	496954	51.375	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	84208	54.085	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	277670	57.805	ug/l	99
94) Hexachlorobutadiene	15.303	225	130348	49.914	ug/l	100
95) Naphthalene	15.439	128	978489	62.772	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	291520	57.662	ug/l	99

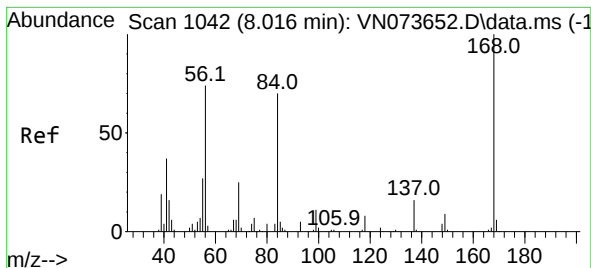
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Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

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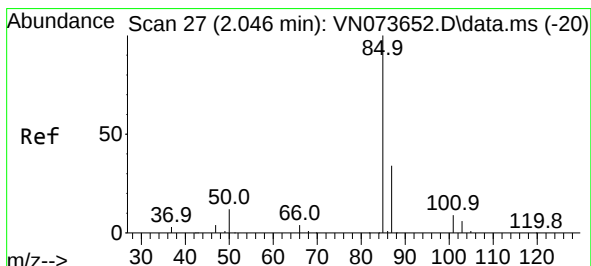
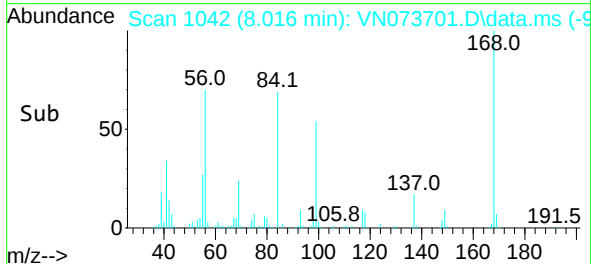
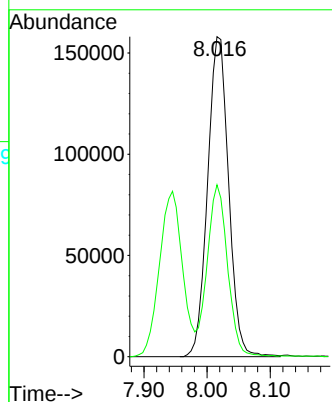
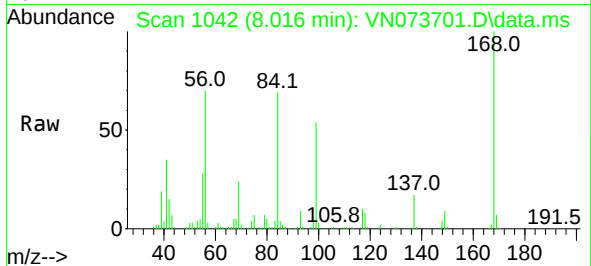
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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Acq: 02 Aug 2022 20:56

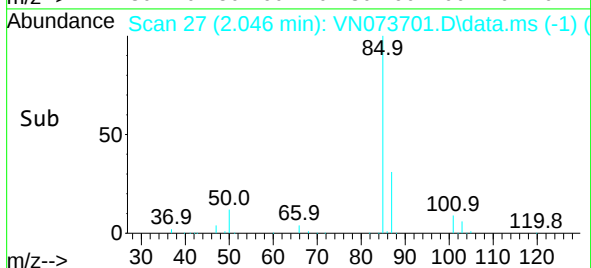
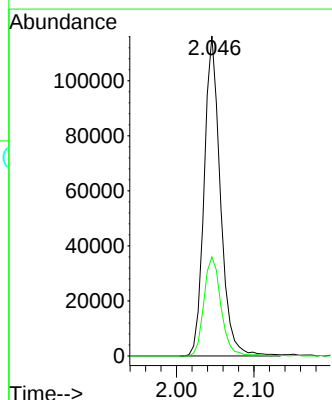
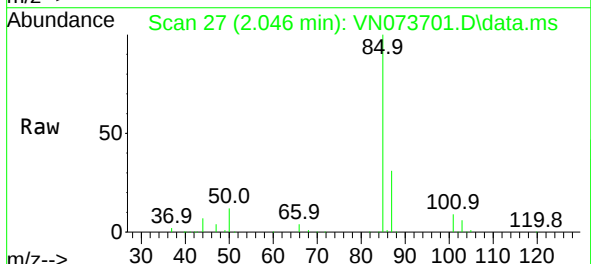
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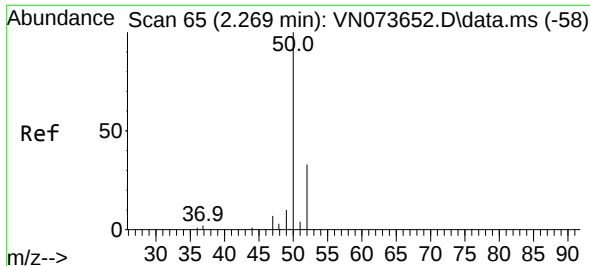
Tgt Ion:168 Resp: 365172
Ion Ratio Lower Upper
168 100
99 53.4 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 47.761 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 85 Resp: 169167
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.1

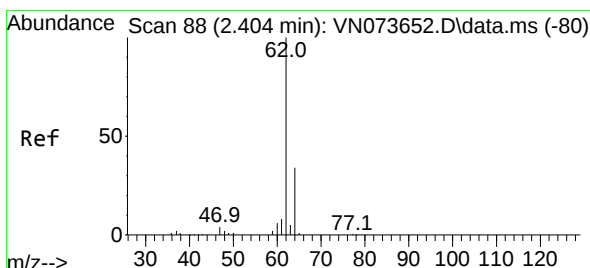
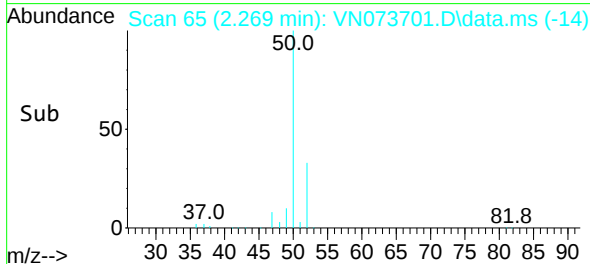
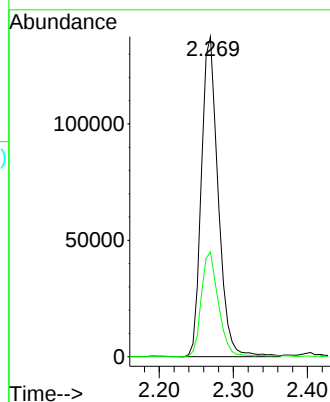
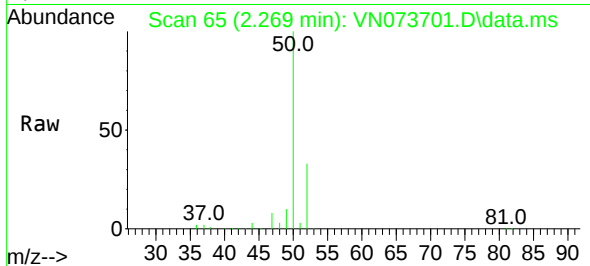




#3
Chloromethane
Concen: 50.870 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

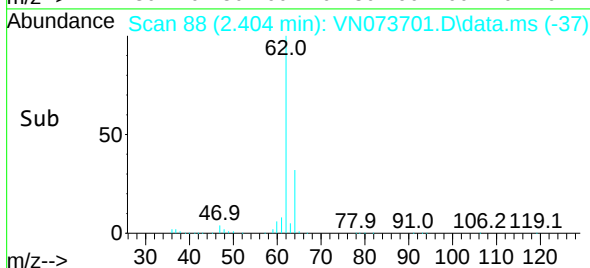
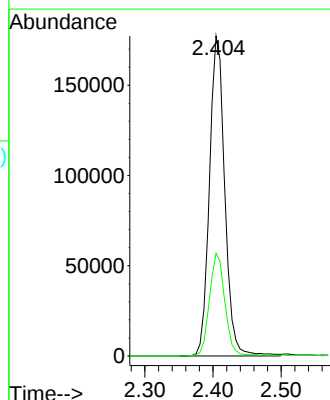
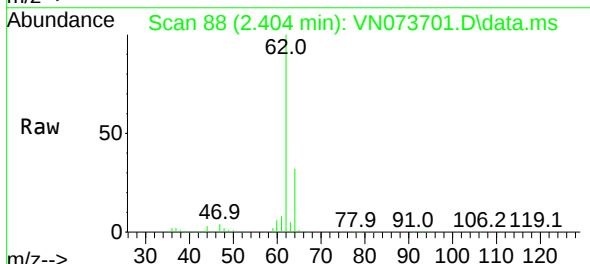
Instrument :
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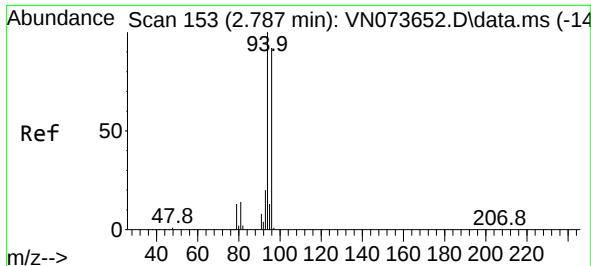
Tgt Ion: 50 Resp: 216368
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 44.846 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 62 Resp: 277802
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4

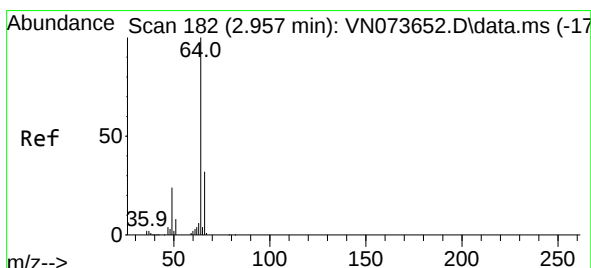
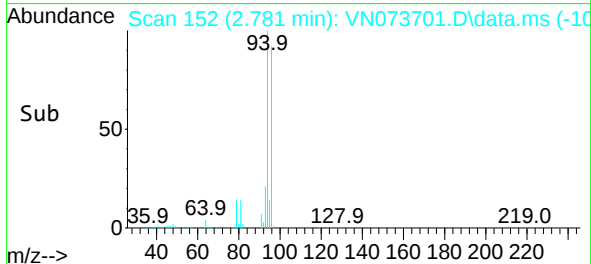
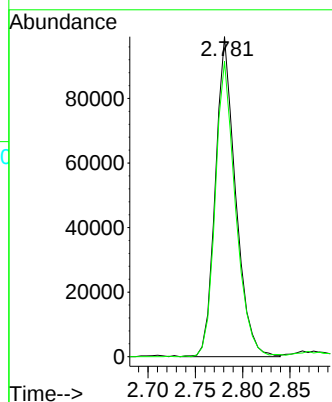
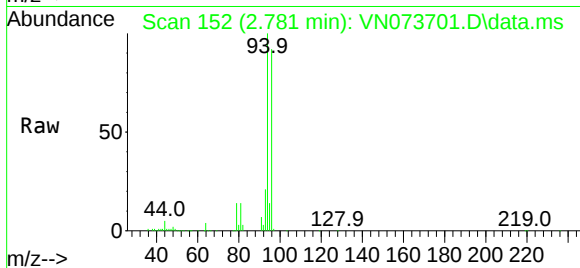




#5
Bromomethane
Concen: 40.930 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

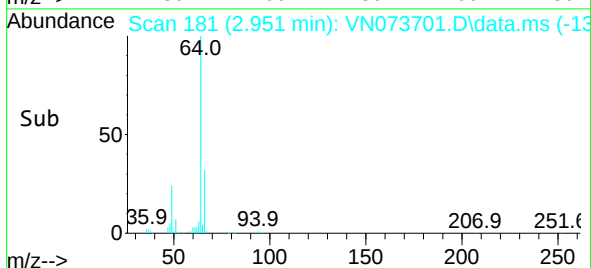
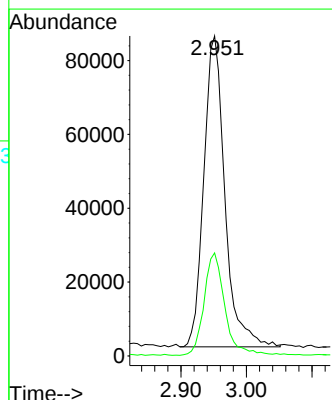
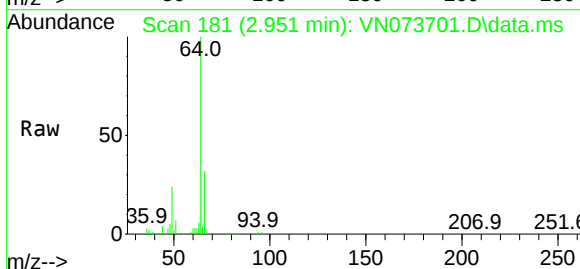
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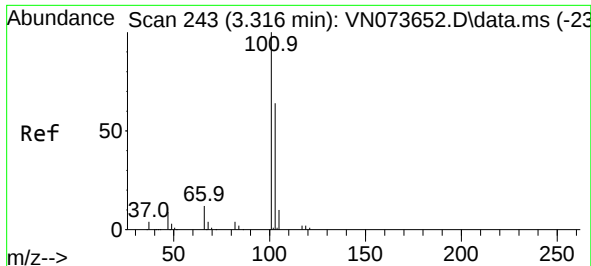
Tgt Ion: 94 Resp: 147045
Ion Ratio Lower Upper
94 100
96 92.3 76.0 114.0



#6
Chloroethane
Concen: 52.294 ug/l
RT: 2.951 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 64 Resp: 188588
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

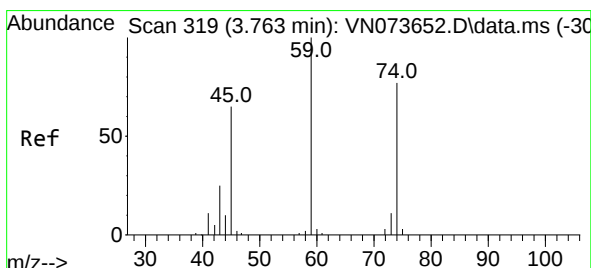
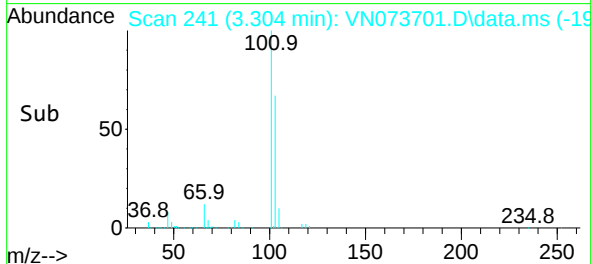
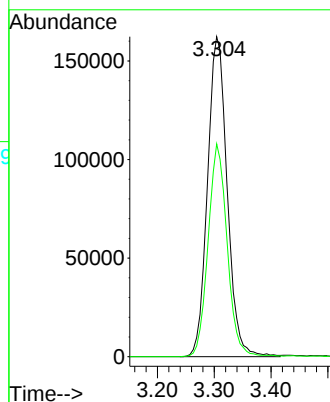
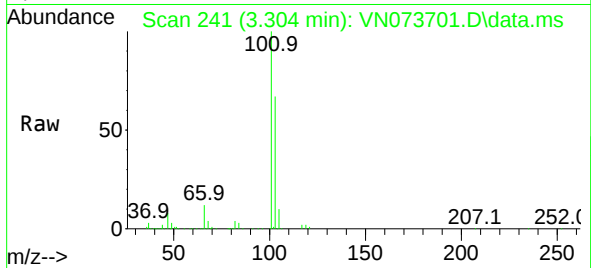




#7
 Trichlorofluoromethane
 Concen: 61.035 ug/l
 RT: 3.304 min Scan# 243
 Delta R.T. -0.006 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

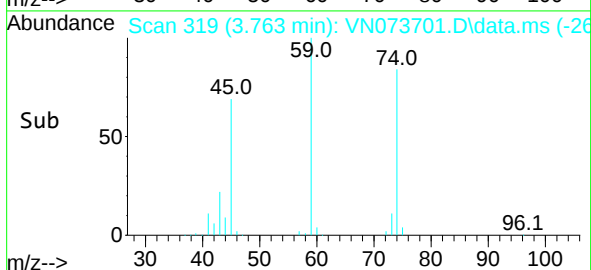
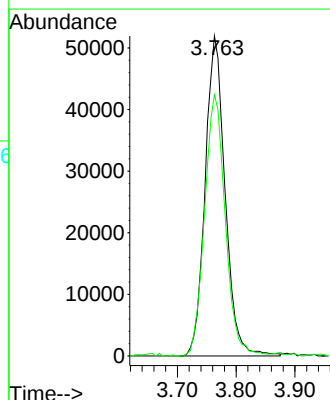
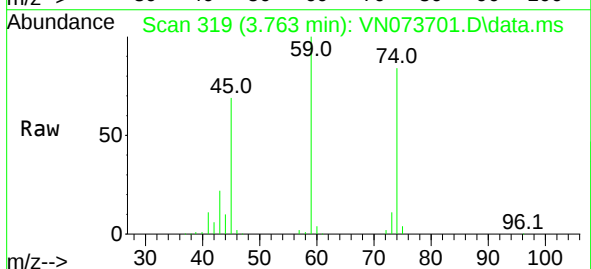
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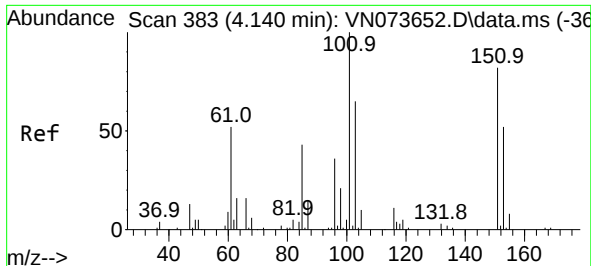
Tgt Ion:101 Resp: 389655
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 51.141 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

Tgt Ion: 74 Resp: 122593
 Ion Ratio Lower Upper
 74 100
 45 85.0 42.9 128.5

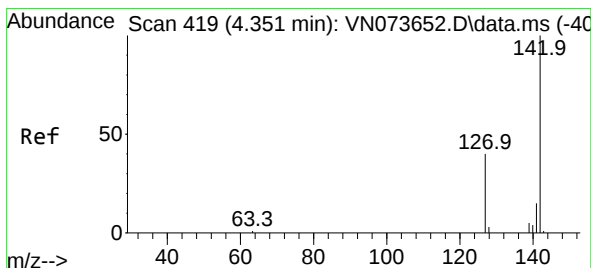
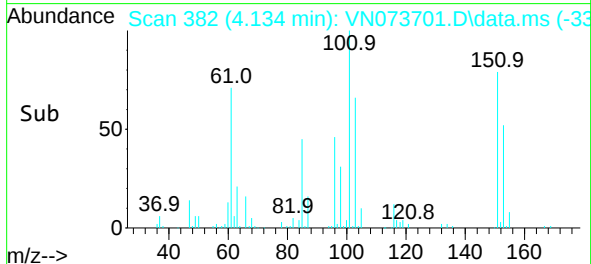
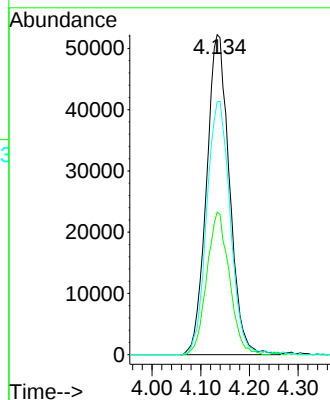
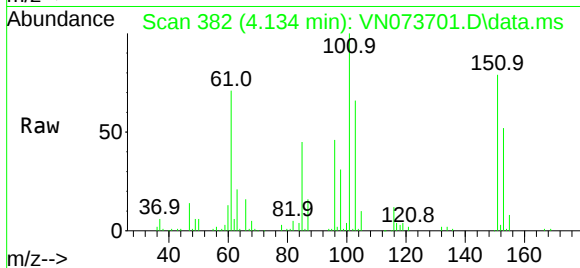




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.318 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN073701.D
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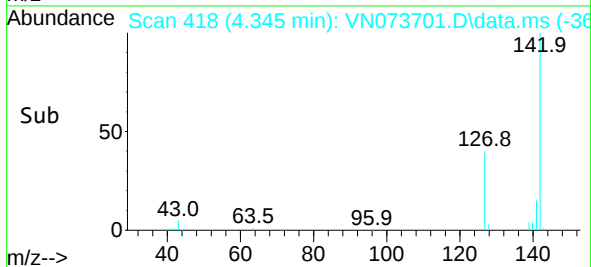
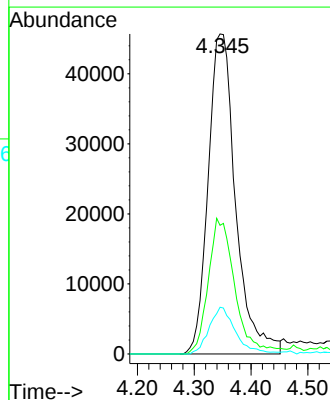
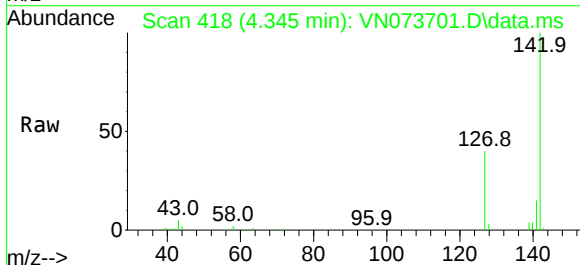
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

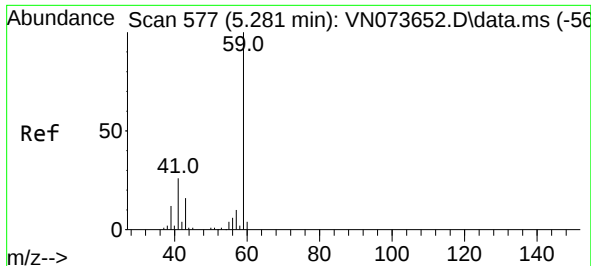
Tgt Ion:101 Resp: 170664
Ion Ratio Lower Upper
101 100
85 43.8 34.7 52.1
151 81.0 63.0 94.4



#10
Methyl Iodide
Concen: 42.765 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion:142 Resp: 153561
Ion Ratio Lower Upper
142 100
127 41.2 31.3 46.9
141 14.0 11.2 16.8

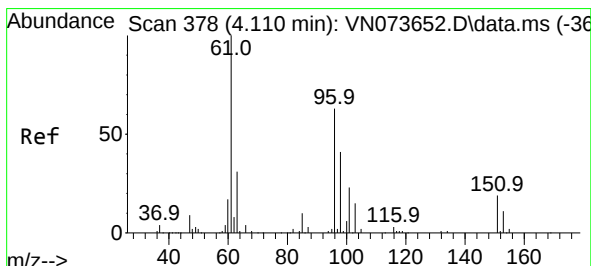
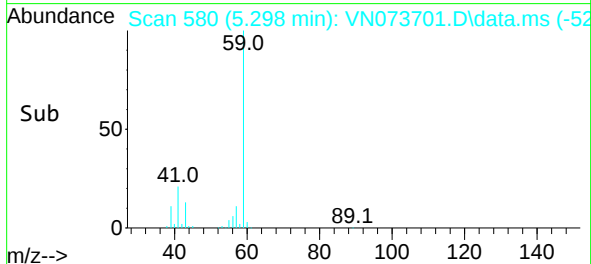
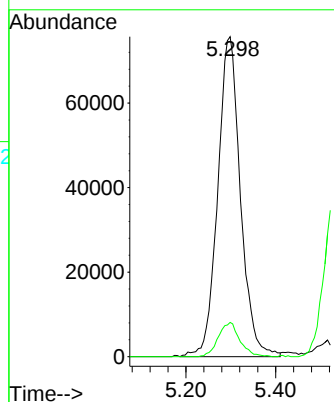
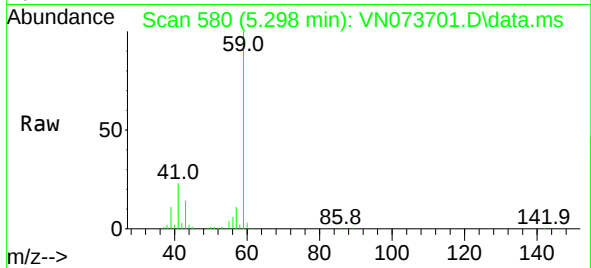




#11
Tert butyl alcohol
Concen: 277.948 ug/l
RT: 5.298 min Scan# 577
Delta R.T. 0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

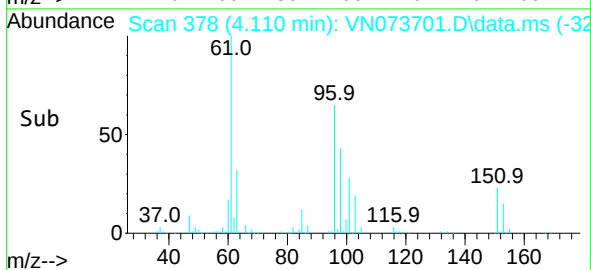
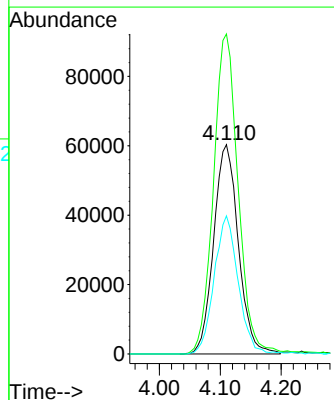
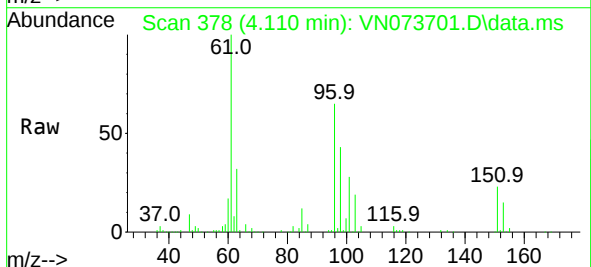
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

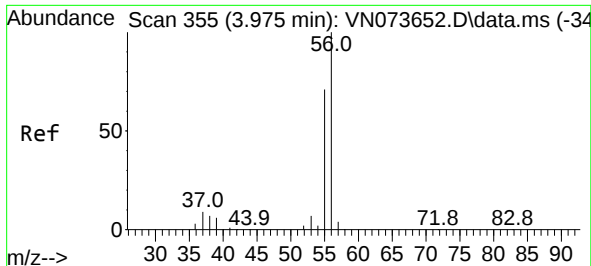
Tgt Ion: 59 Resp: 266761
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.031 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 96 Resp: 169876
Ion Ratio Lower Upper
96 100
61 152.9 127.6 191.4
98 66.0 51.2 76.8

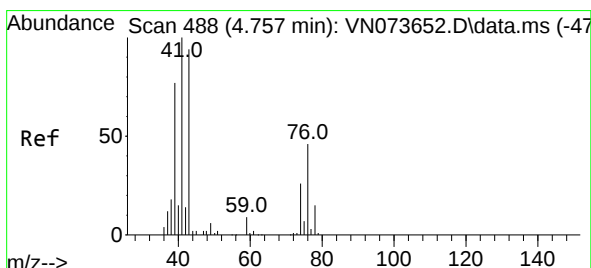
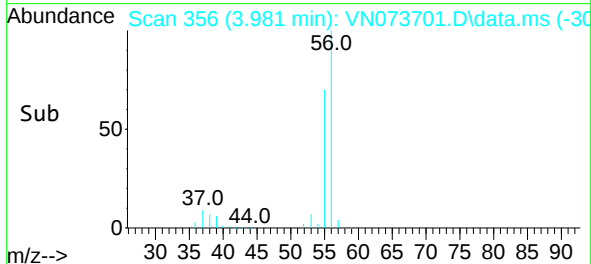
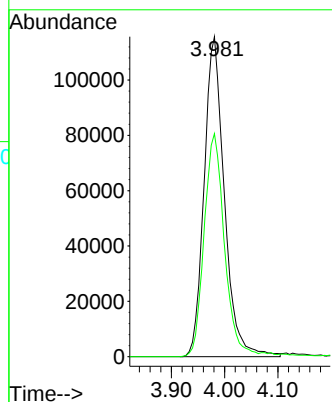
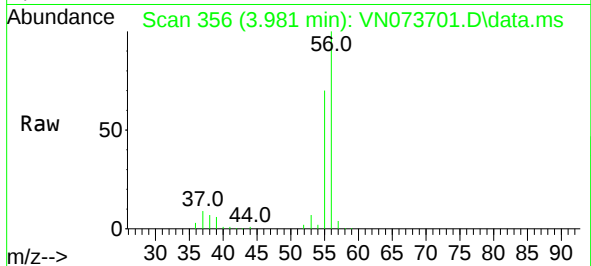




#13
Acrolein
Concen: 321.133 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

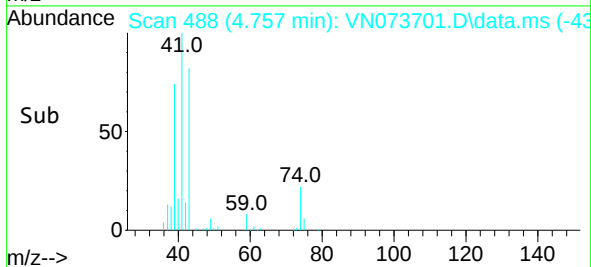
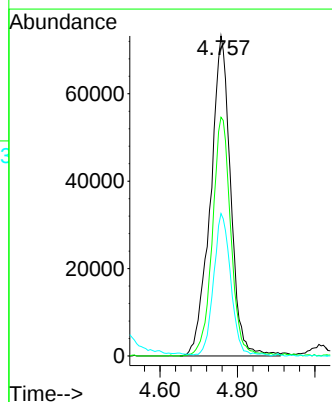
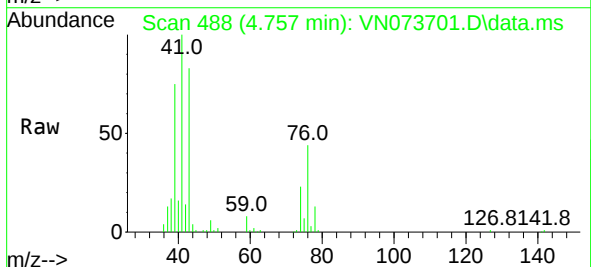
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

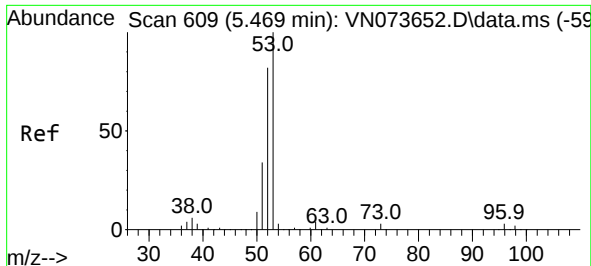
Tgt Ion: 56 Resp: 305555
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2



#14
Allyl chloride
Concen: 48.058 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 41 Resp: 266206
Ion Ratio Lower Upper
41 100
39 67.7 53.2 79.8
76 36.7 29.9 44.9

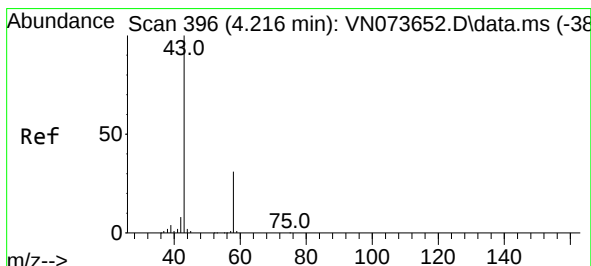
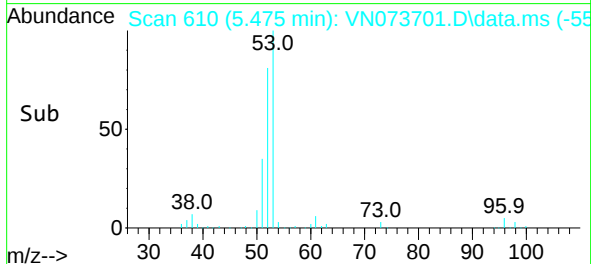
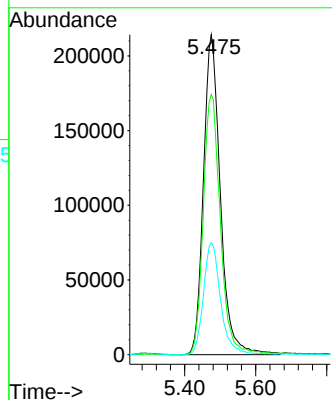
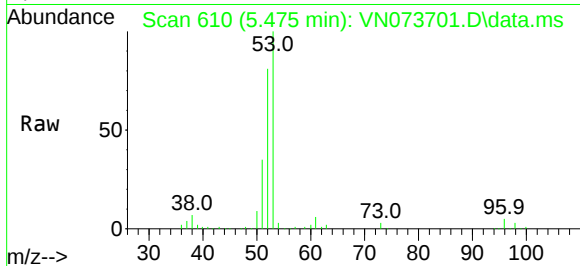




#15
Acrylonitrile
Concen: 267.645 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

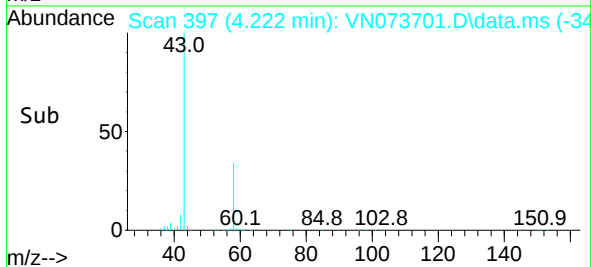
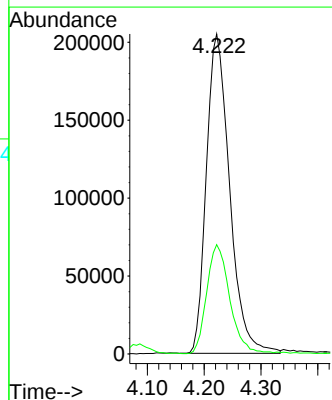
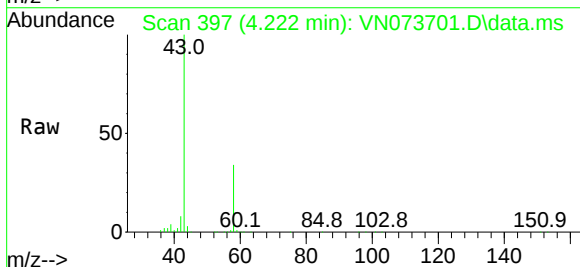
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

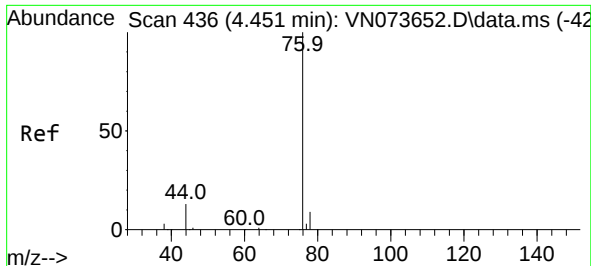
Tgt Ion: 53 Resp: 710559
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.5 28.5 42.7



#16
Acetone
Concen: 243.925 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 43 Resp: 583042
Ion Ratio Lower Upper
43 100
58 34.0 26.0 39.0

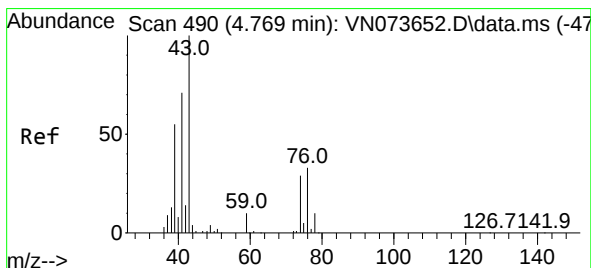
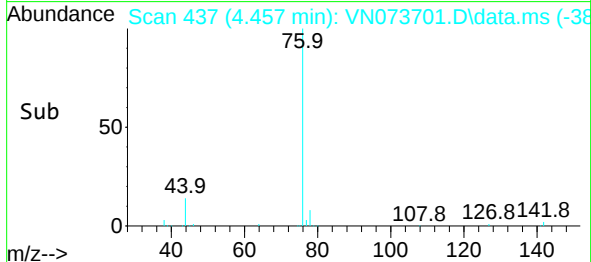
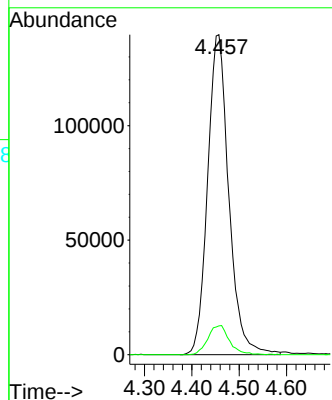
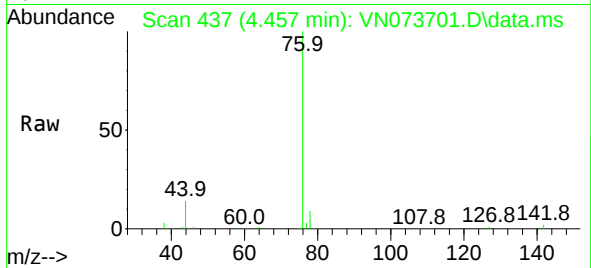




#17
Carbon Disulfide
Concen: 47.204 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

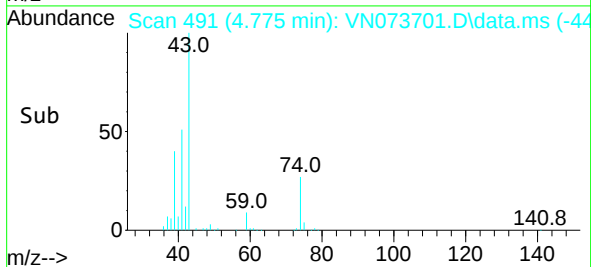
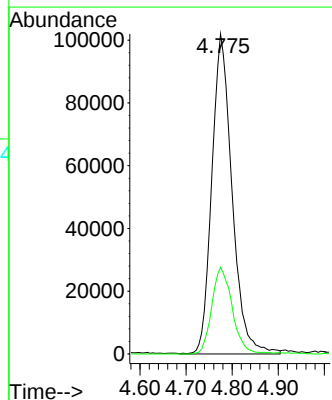
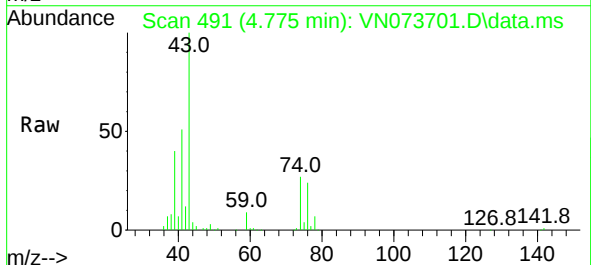
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

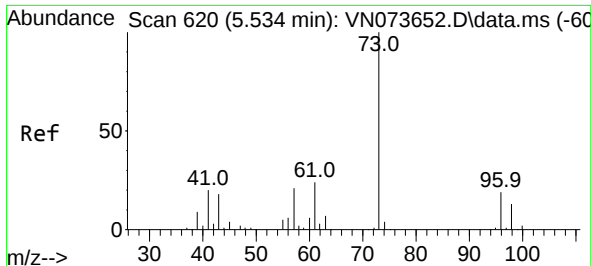
Tgt Ion: 76 Resp: 433641
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 52.306 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 43 Resp: 311042
Ion Ratio Lower Upper
43 100
74 27.4 21.6 32.4

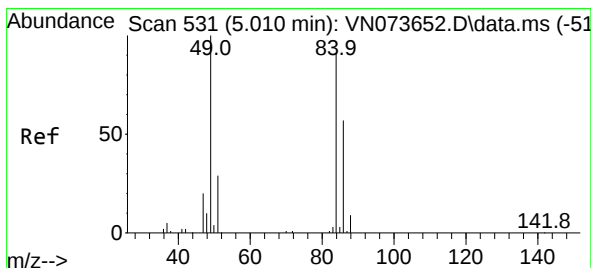
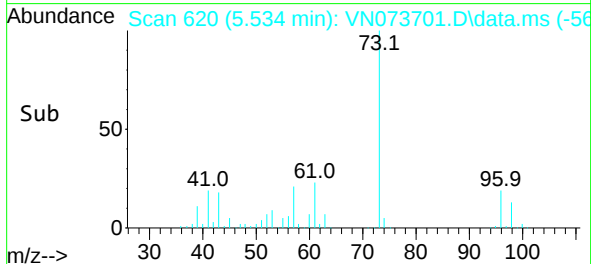
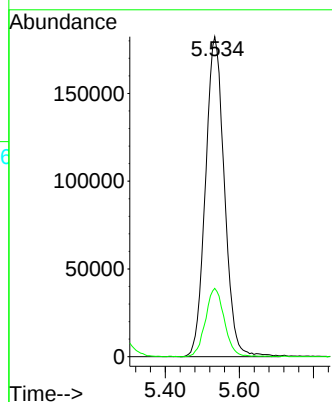
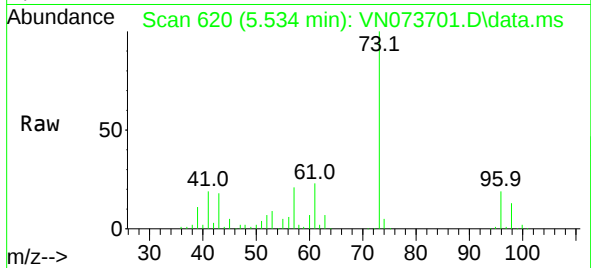




#19
Methyl tert-butyl Ether
Concen: 54.642 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

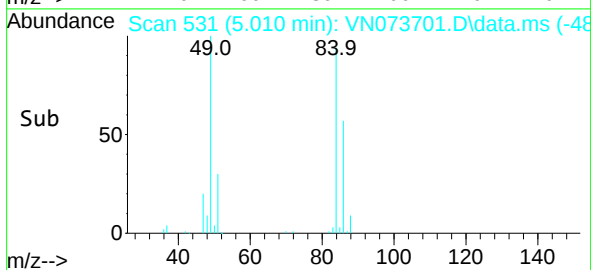
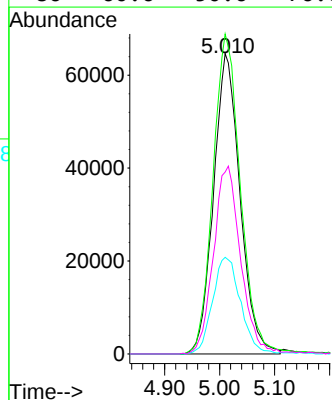
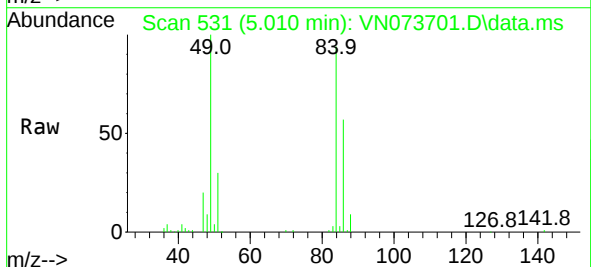
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

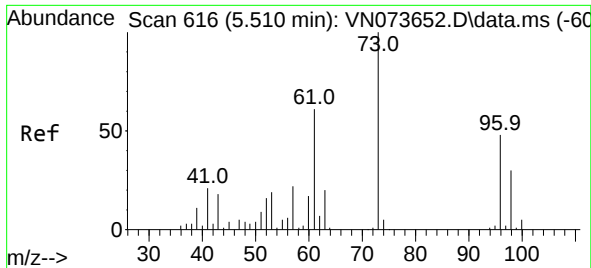
Tgt Ion: 73 Resp: 646753
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4



#20
Methylene Chloride
Concen: 56.249 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 84 Resp: 216439
Ion Ratio Lower Upper
84 100
49 106.6 88.3 132.5
51 32.2 28.2 42.2
86 60.6 50.6 76.0

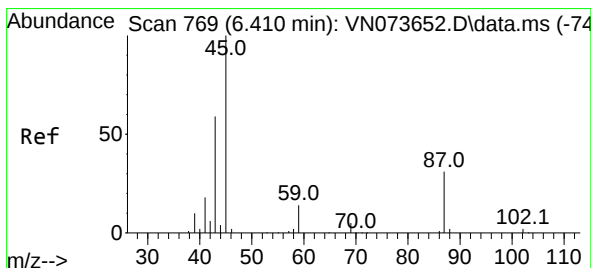
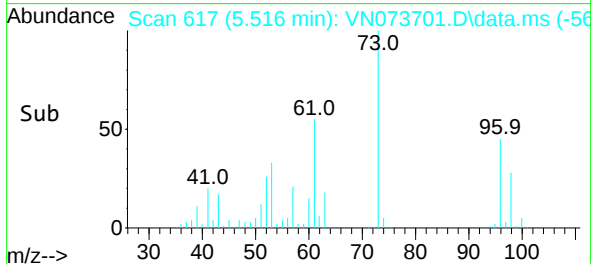
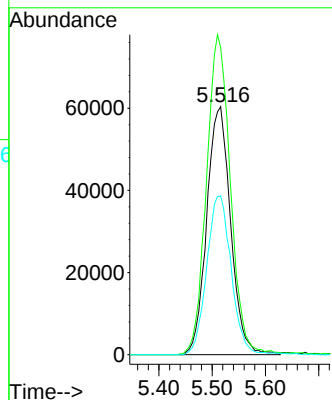
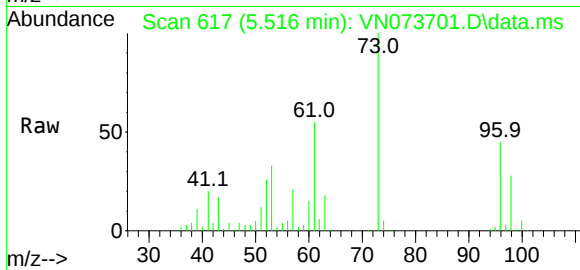




#21
trans-1,2-Dichloroethene
Concen: 50.234 ug/l
RT: 5.516 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

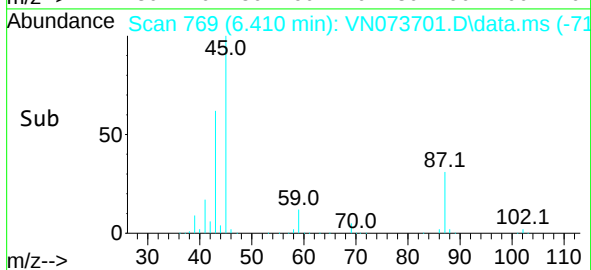
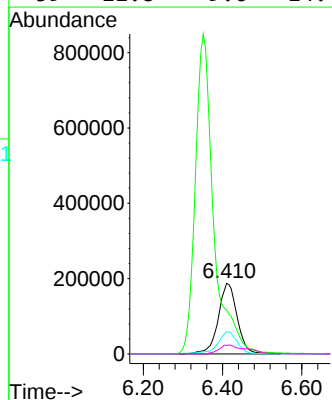
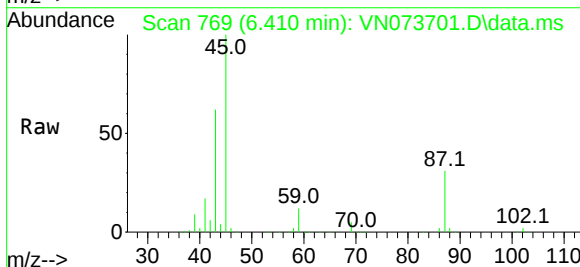
Instrument :
MSVOA_N
ClientSampleId :
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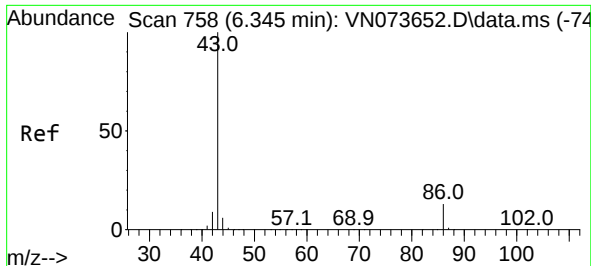
Tgt Ion: 96 Resp: 188400
Ion Ratio Lower Upper
96 100
61 123.5 105.8 158.8
98 64.0 50.3 75.5



#22
Diisopropyl ether
Concen: 51.982 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 45 Resp: 621208
Ion Ratio Lower Upper
45 100
43 60.5 46.6 70.0
87 31.1 24.3 36.5
59 11.8 9.6 14.4

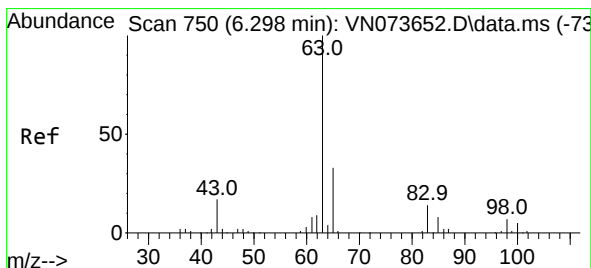
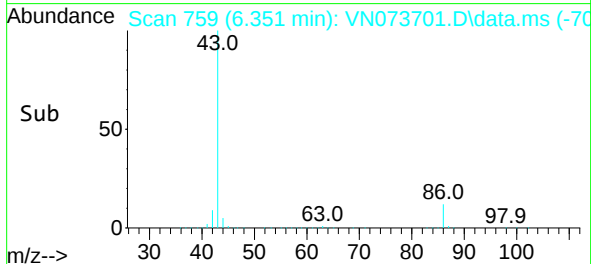
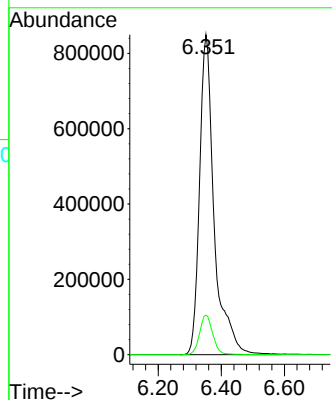
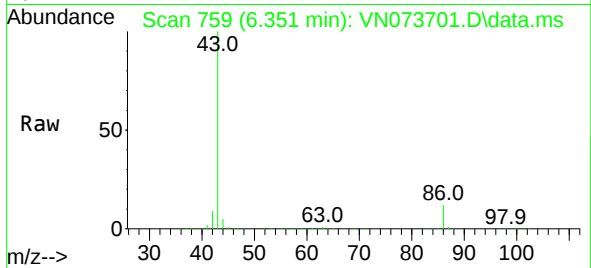




#23
 Vinyl Acetate
 Concen: 272.667 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

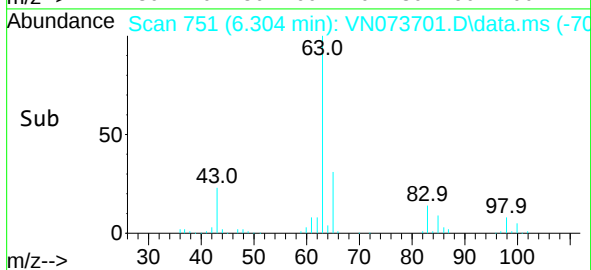
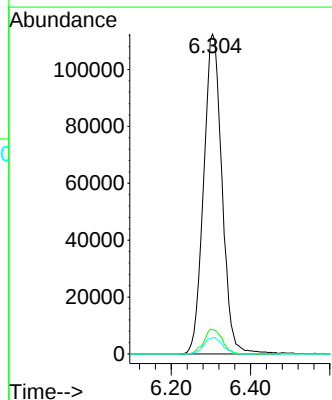
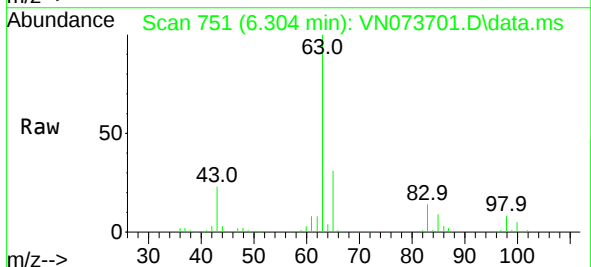
Instrument :
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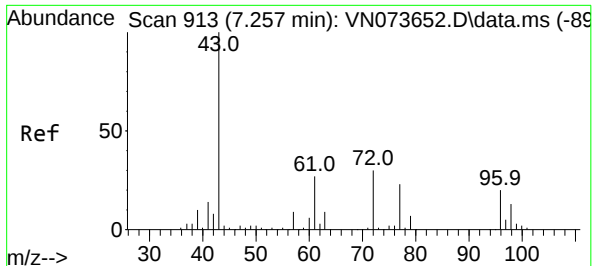
Tgt Ion: 43 Resp: 2731962
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 49.164 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

Tgt Ion: 63 Resp: 361452
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 5.1 2.3 6.8

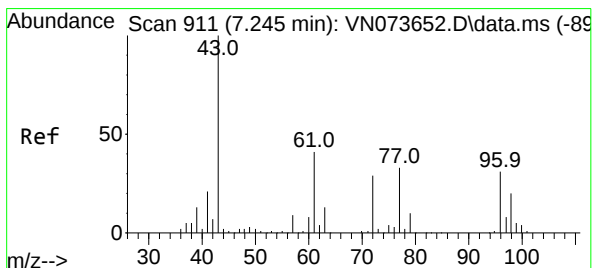
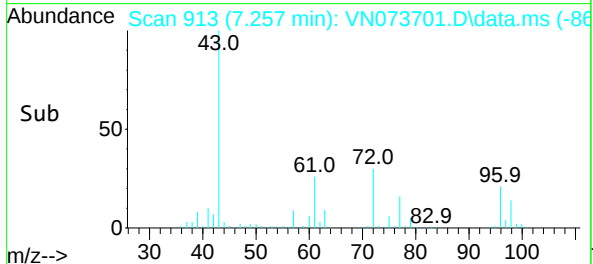
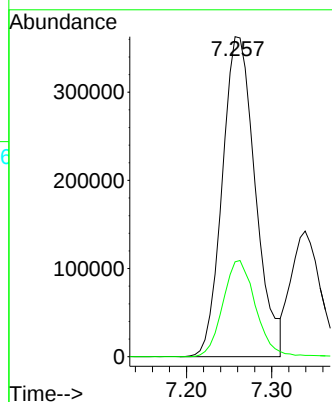
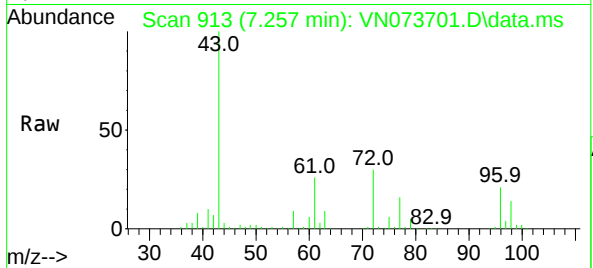




#25
2-Butanone
Concen: 263.399 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

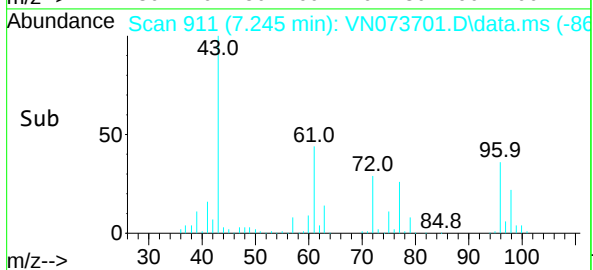
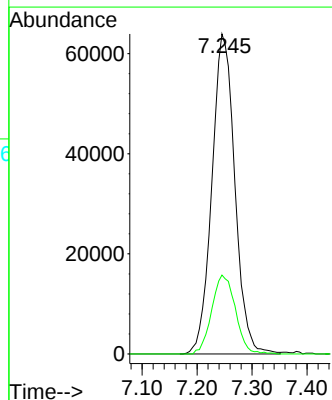
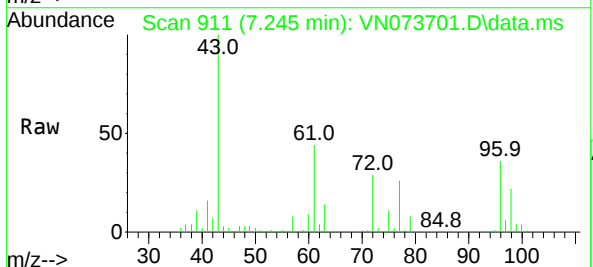
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

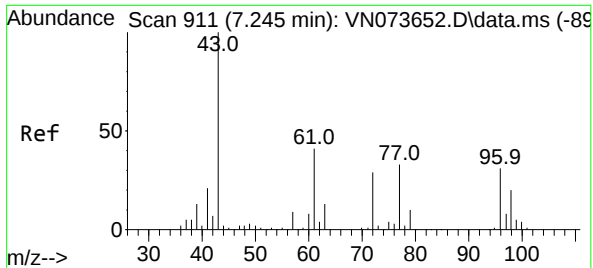
Tgt Ion: 43 Resp: 977736
Ion Ratio Lower Upper
43 100
72 29.7 23.7 35.5



#26
2,2-Dichloropropane
Concen: 32.773 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 77 Resp: 185379
Ion Ratio Lower Upper
77 100
97 25.4 11.4 34.2

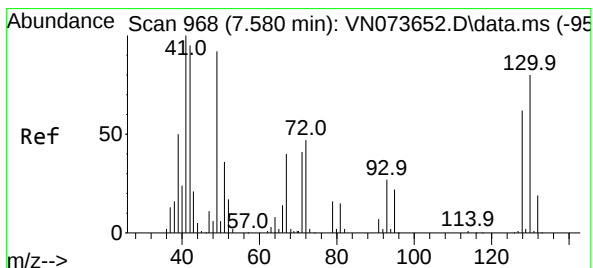
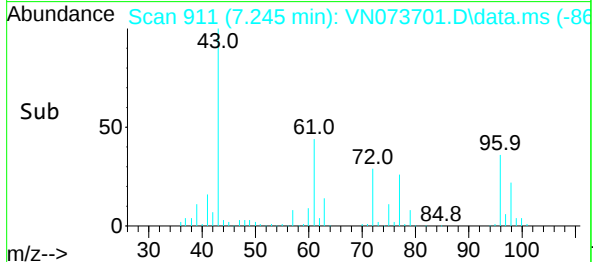
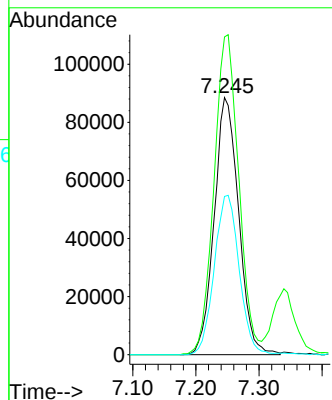
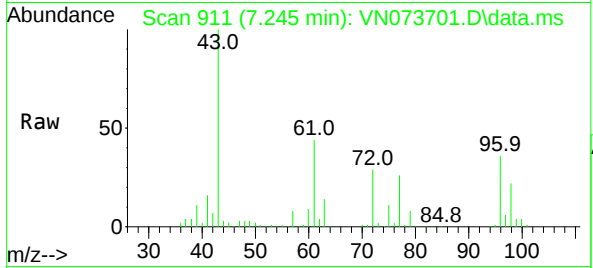




#27
 cis-1,2-Dichloroethene
 Concen: 51.616 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

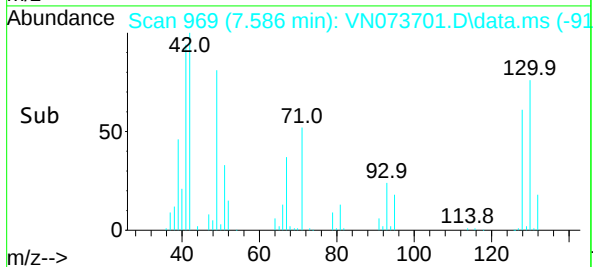
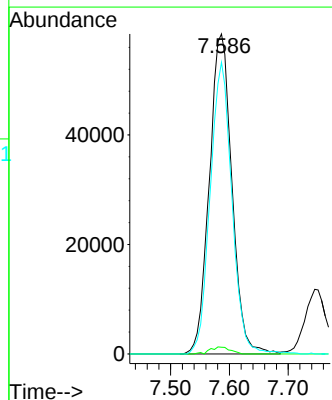
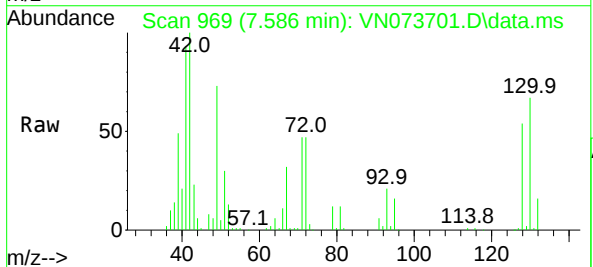
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

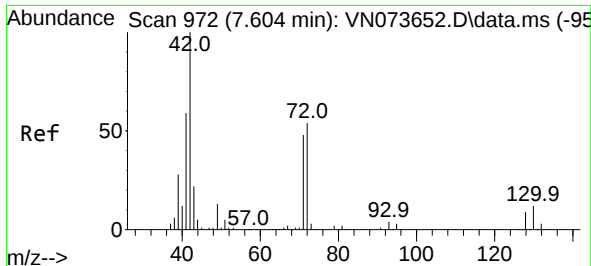
Tgt Ion: 96 Resp: 238511
 Ion Ratio Lower Upper
 96 100
 61 125.9 0.0 280.6
 98 63.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 50.585 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

Tgt Ion: 49 Resp: 156152
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 87.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 266.235 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

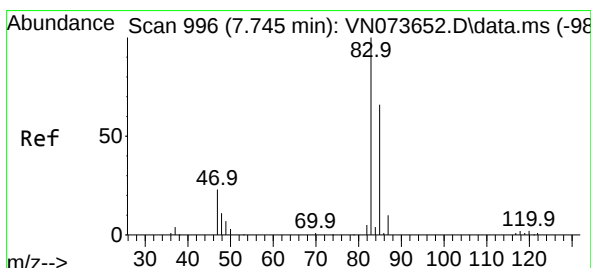
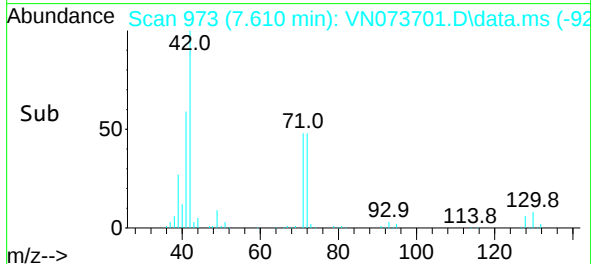
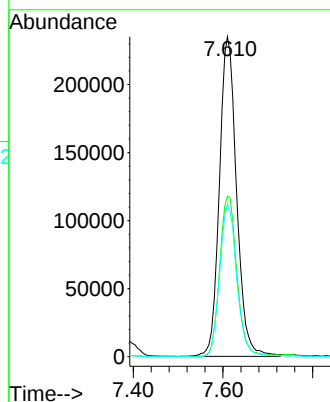
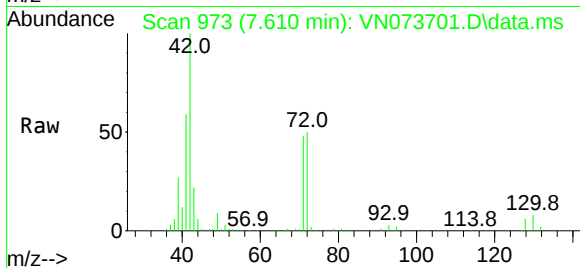
Tgt Ion: 42 Resp: 624828

Ion Ratio Lower Upper

42 100

72 50.3 39.7 59.5

71 47.8 36.6 55.0



#30

Chloroform

Concen: 50.632 ug/l

RT: 7.751 min Scan# 997

Delta R.T. 0.006 min

Lab File: VN073701.D

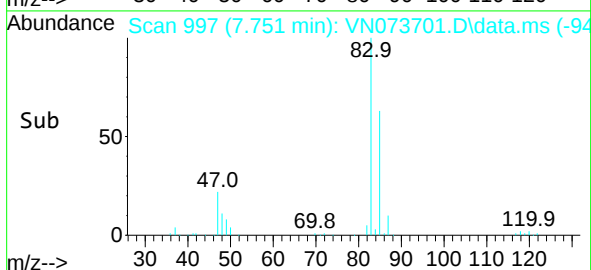
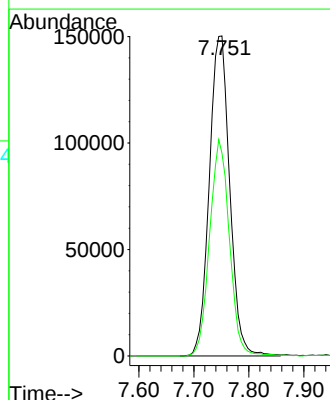
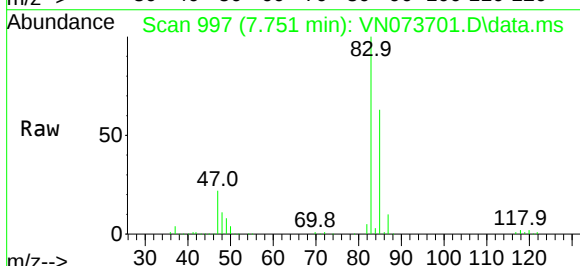
Acq: 02 Aug 2022 20:56

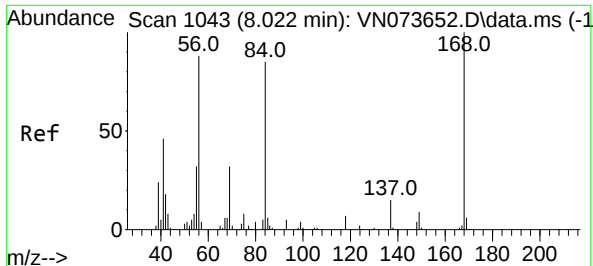
Tgt Ion: 83 Resp: 387838

Ion Ratio Lower Upper

83 100

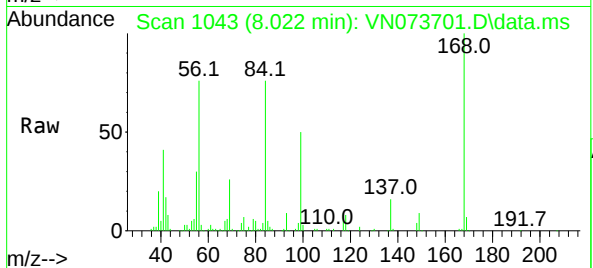
85 63.4 51.8 77.8



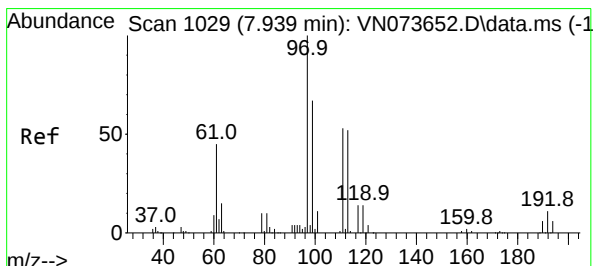
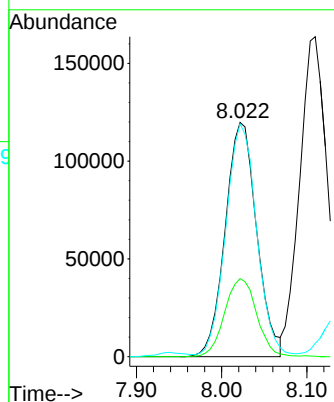
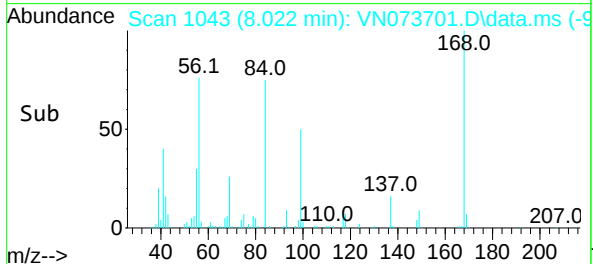


#31
Cyclohexane
Concen: 46.463 ug/l
RT: 8.022 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

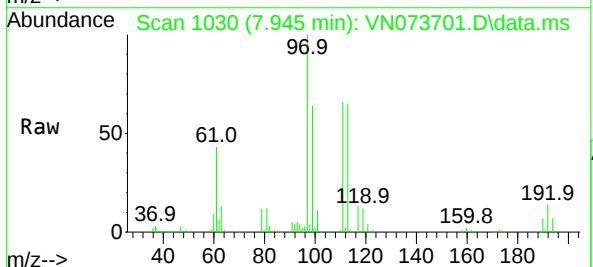
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



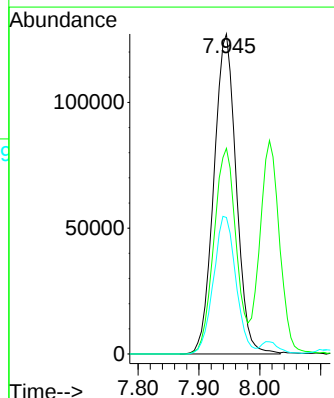
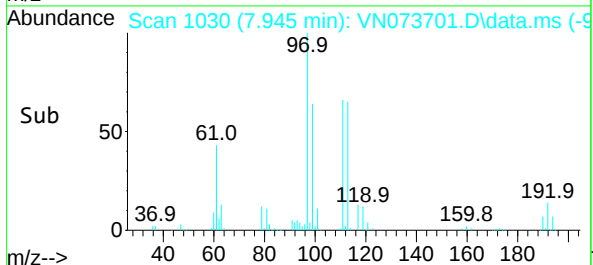
Tgt Ion: 56 Resp: 307833
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.8
84 98.0 76.9 115.3

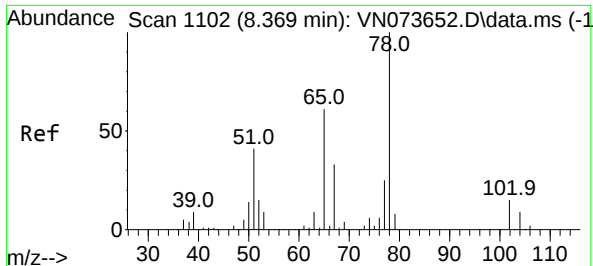


#32
1,1,1-Trichloroethane
Concen: 51.009 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56



Tgt Ion: 97 Resp: 324428
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 43.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 56.480 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

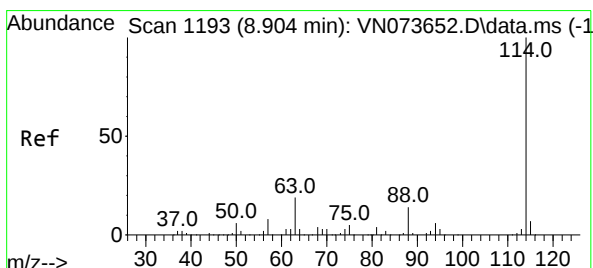
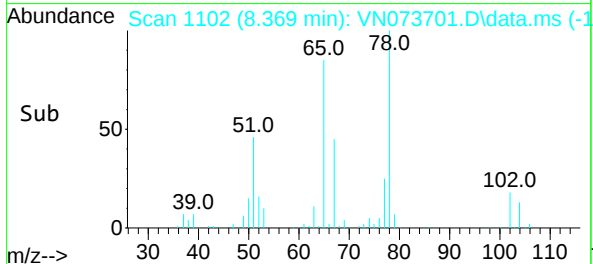
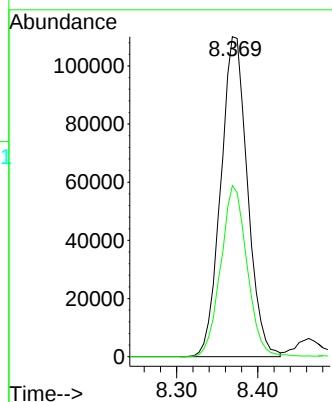
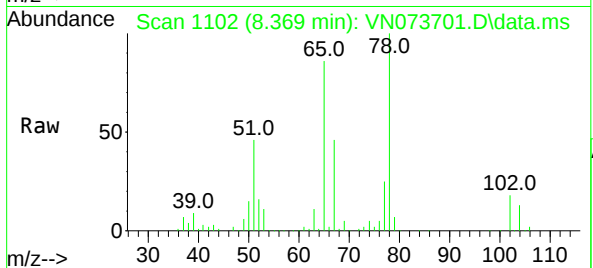
VSTDCCC050EC

Tgt Ion: 65 Resp: 251350

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

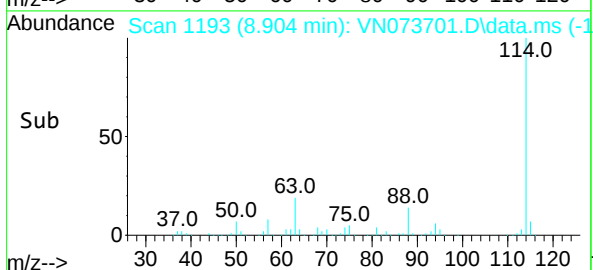
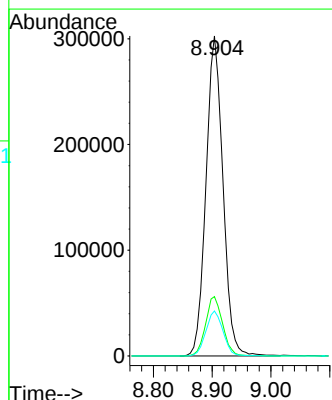
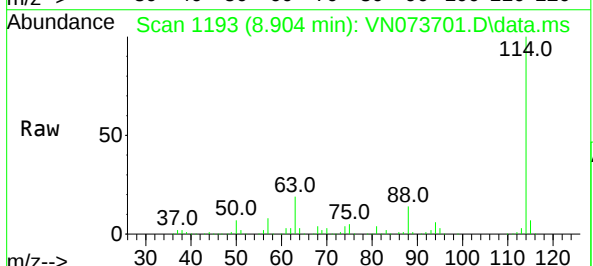
Tgt Ion: 114 Resp: 606170

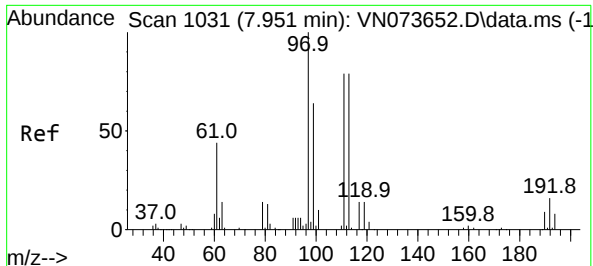
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 14.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.340 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

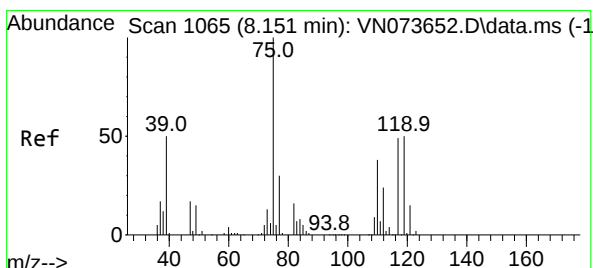
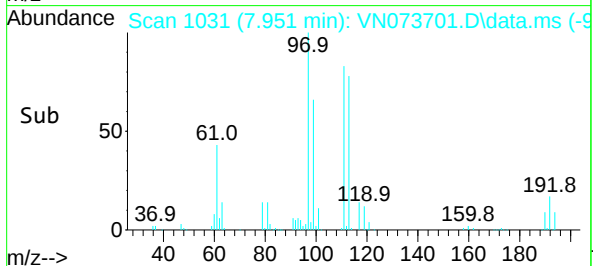
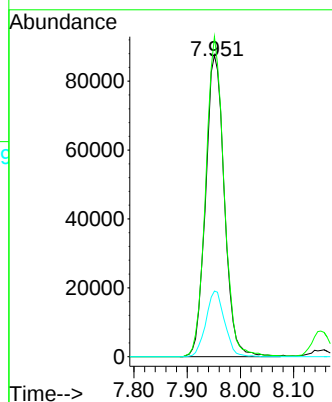
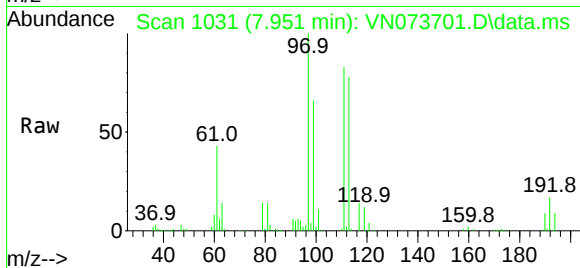
Tgt Ion:113 Resp: 214451

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 21.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 49.805 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

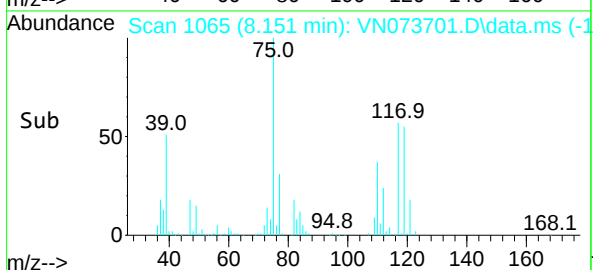
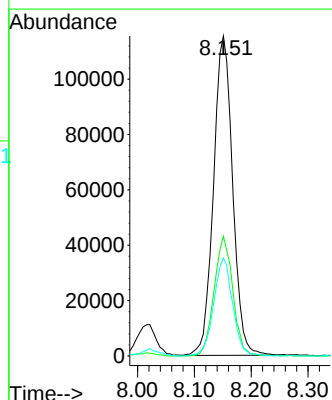
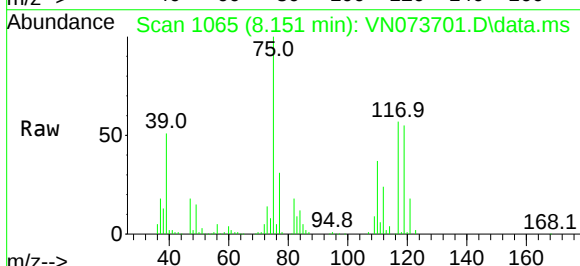
Tgt Ion: 75 Resp: 270189

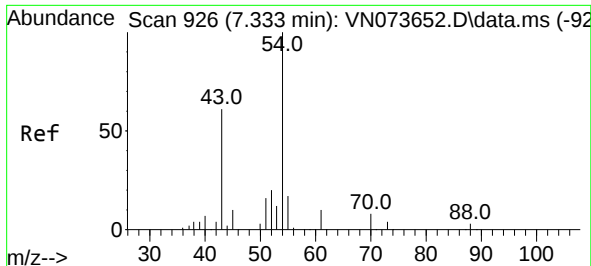
Ion Ratio Lower Upper

75 100

110 36.7 18.3 54.8

77 30.4 25.1 37.7

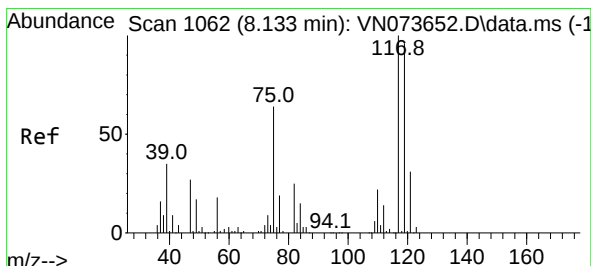
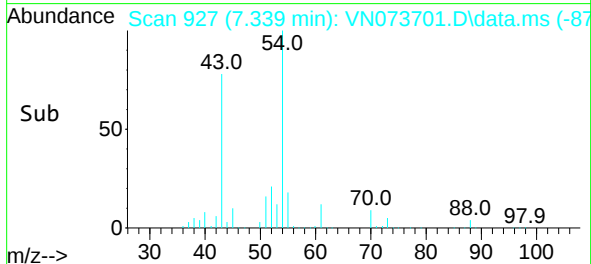
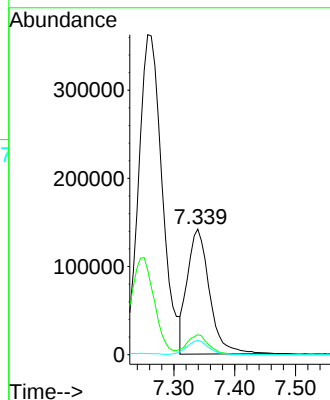
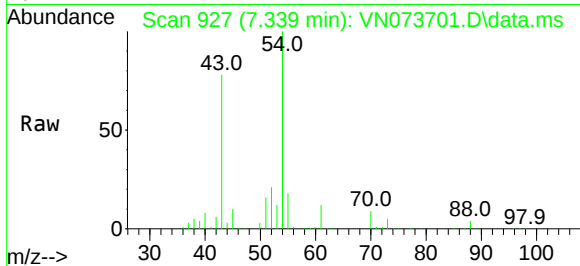




#37
Ethyl Acetate
Concen: 49.874 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

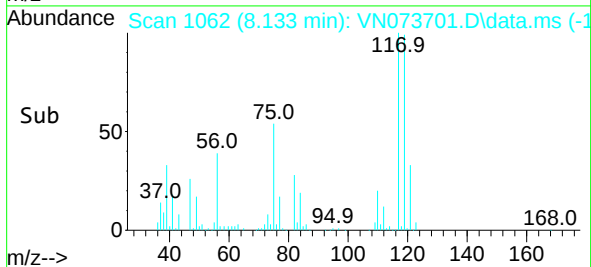
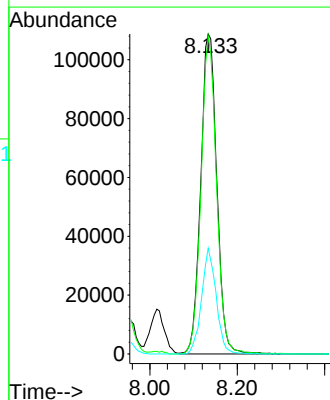
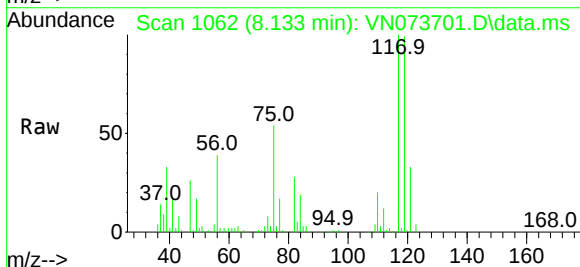
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

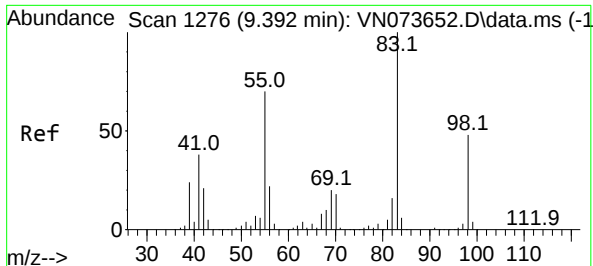
Tgt Ion: 43 Resp: 356323
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 10.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.655 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 117 Resp: 279101
Ion Ratio Lower Upper
117 100
119 99.3 75.8 113.8
121 33.1 24.6 37.0





#39

Methylcyclohexane

Concen: 50.144 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

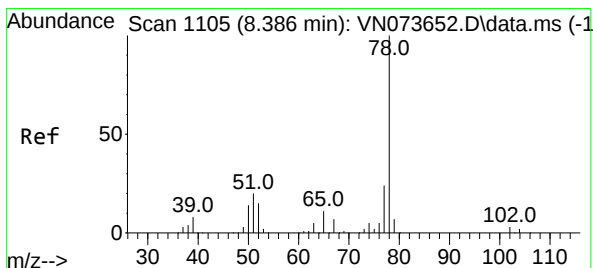
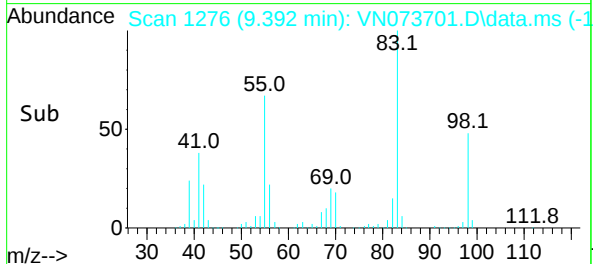
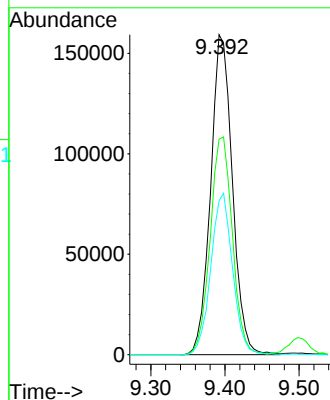
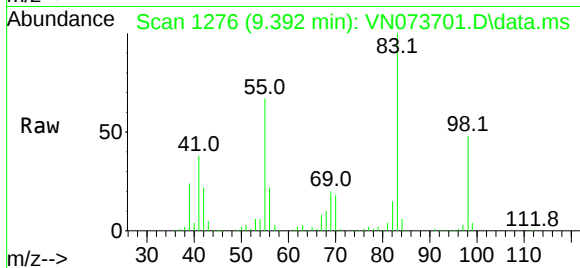
Tgt Ion: 83 Resp: 325073

Ion Ratio Lower Upper

83 100

55 67.4 57.8 86.8

98 48.1 39.4 59.2



#40

Benzene

Concen: 49.999 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN073701.D

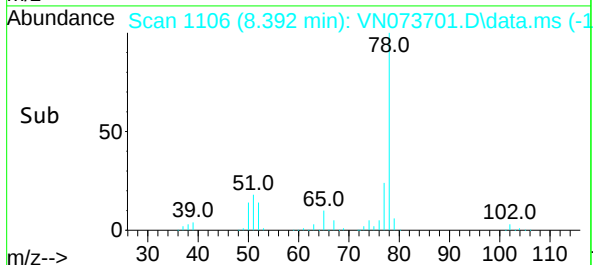
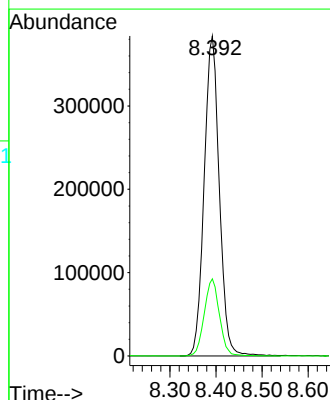
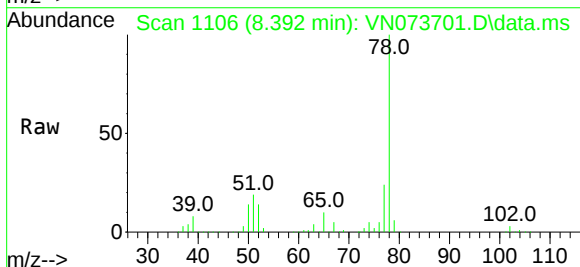
Acq: 02 Aug 2022 20:56

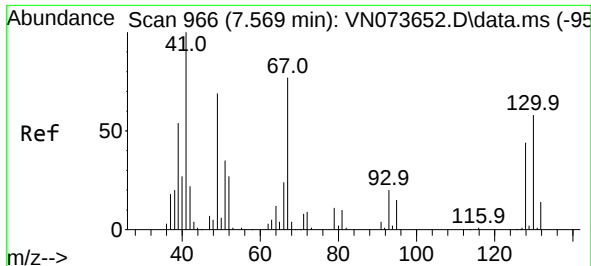
Tgt Ion: 78 Resp: 880804

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

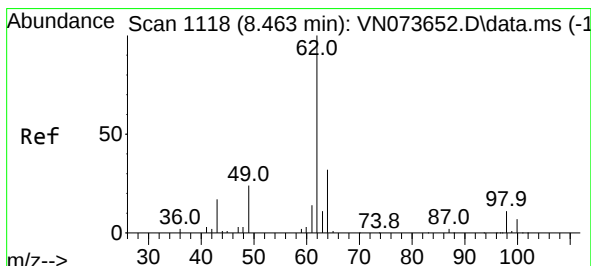
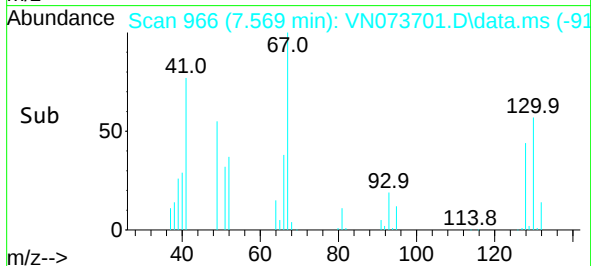
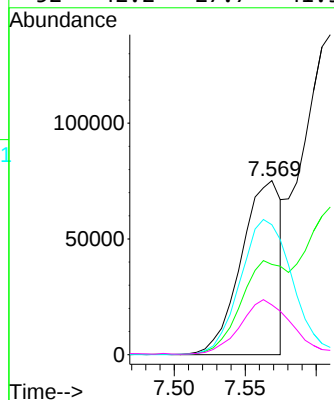
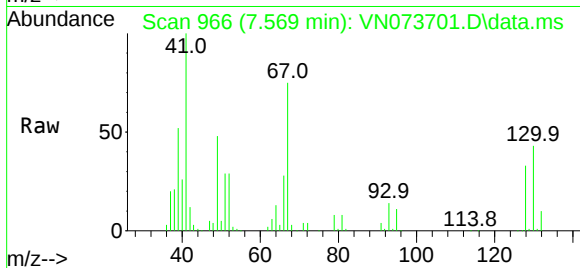




#41
Methacrylonitrile
Concen: 45.409 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

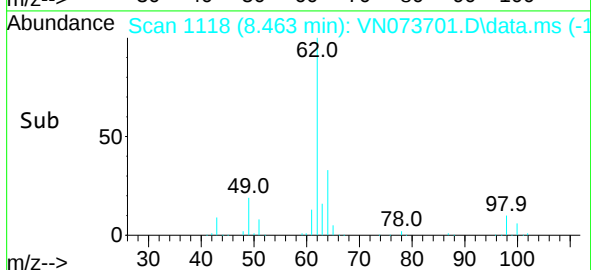
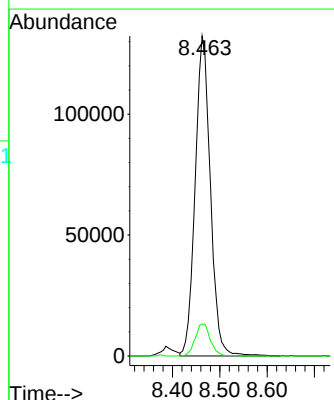
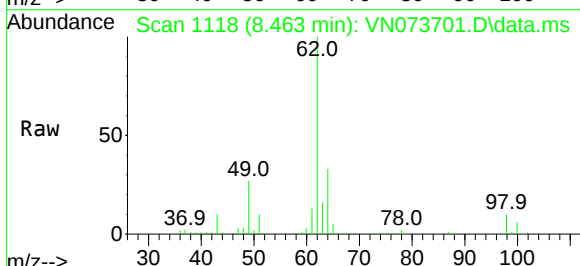
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

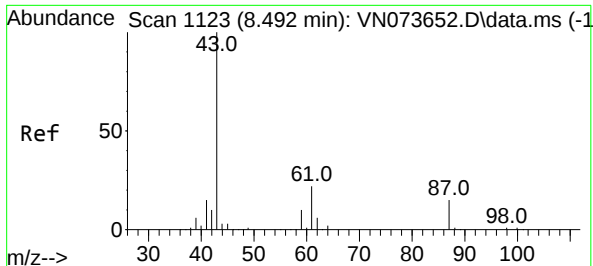
Tgt Ion: 41 Resp: 146805
Ion Ratio Lower Upper
41 100
39 62.6 48.6 73.0
67 103.1 73.4 110.2
52 42.2 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 49.675 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 62 Resp: 294927
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4

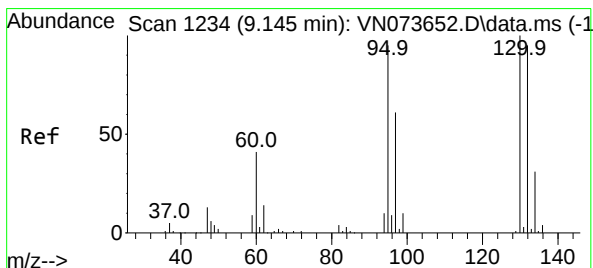
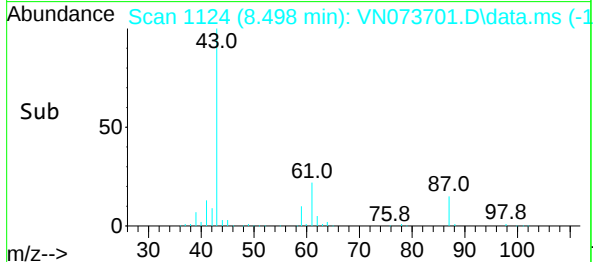
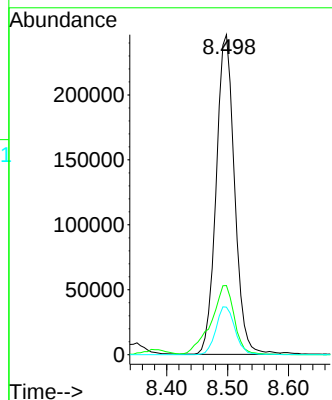
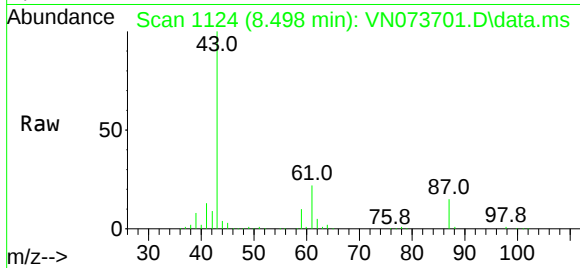




#43
Isopropyl Acetate
Concen: 53.427 ug/l
RT: 8.498 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

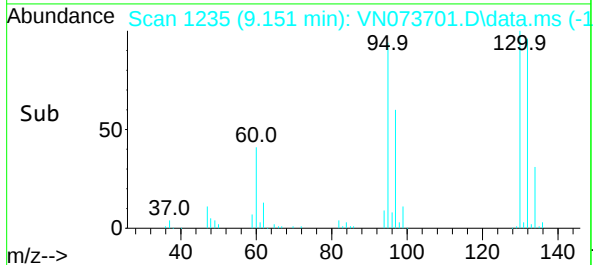
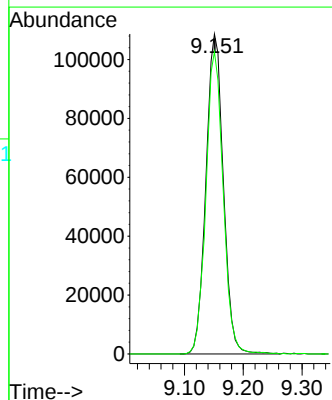
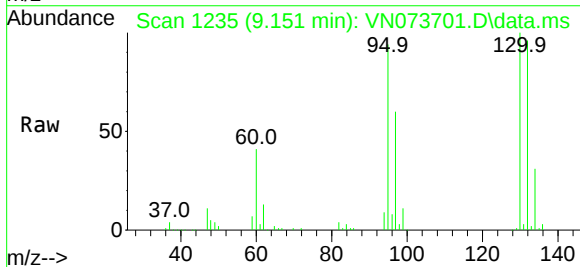
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

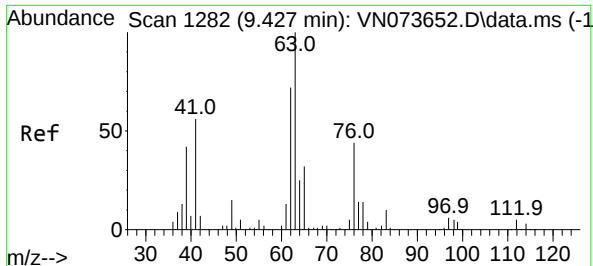
Tgt Ion: 43 Resp: 515572
Ion Ratio Lower Upper
43 100
61 27.6 21.9 32.9
87 15.6 12.0 18.0



#44
Trichloroethene
Concen: 50.166 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 130 Resp: 224109
Ion Ratio Lower Upper
130 100
95 94.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.652 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

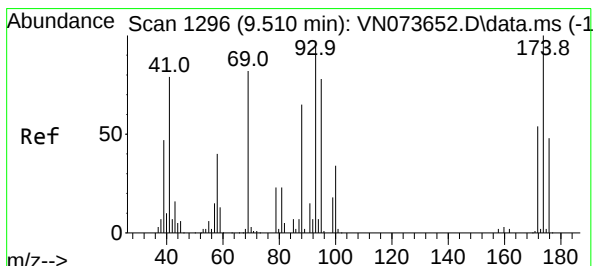
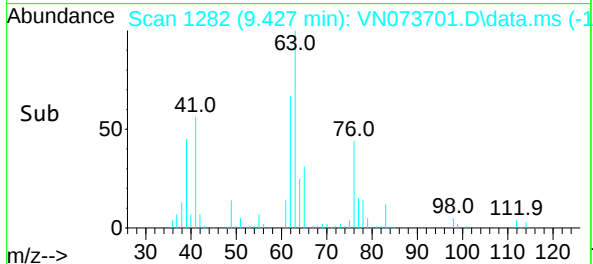
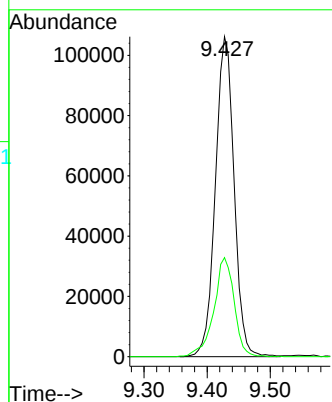
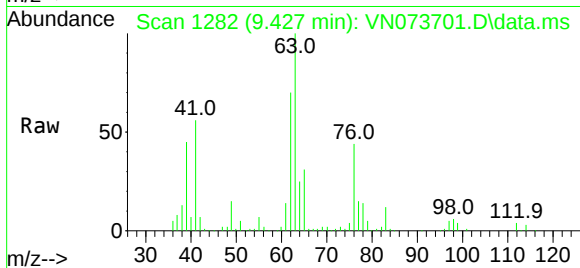
VSTDCCC050EC

Tgt Ion: 63 Resp: 218633

Ion Ratio Lower Upper

63 100

65 30.8 24.9 37.3



#46

Dibromomethane

Concen: 51.311 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

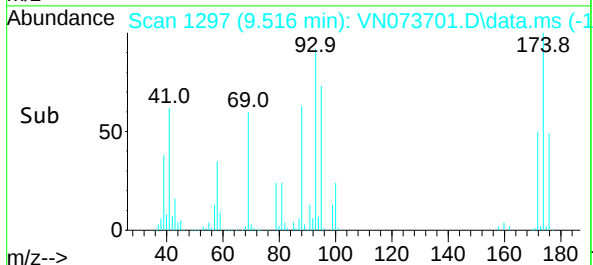
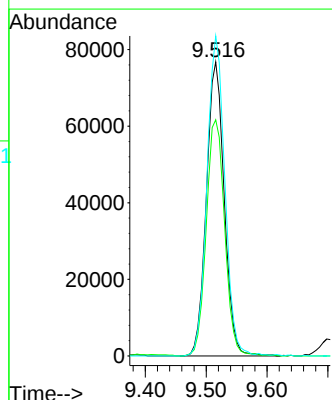
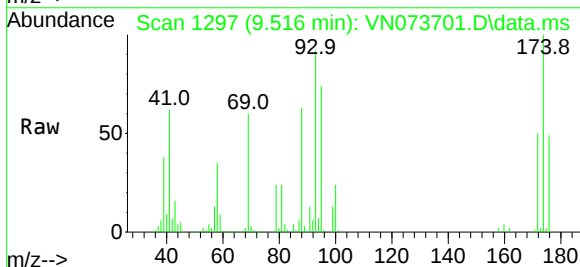
Tgt Ion: 93 Resp: 156812

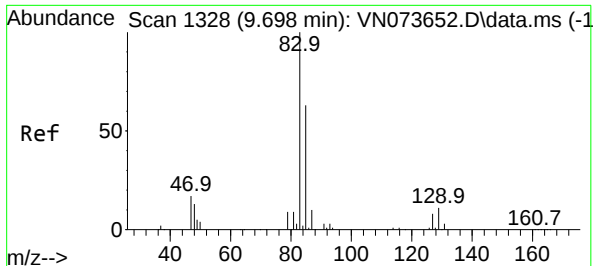
Ion Ratio Lower Upper

93 100

95 82.9 66.9 100.3

174 108.4 86.6 130.0

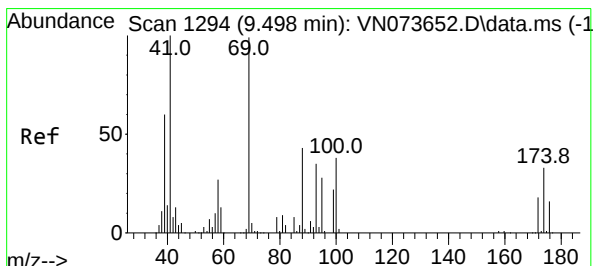
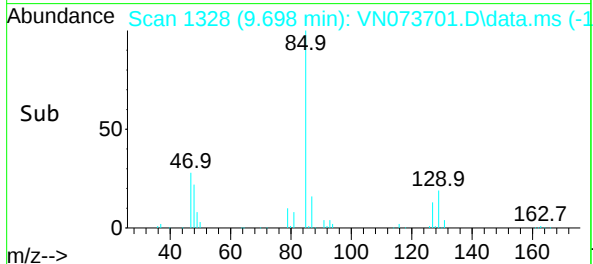
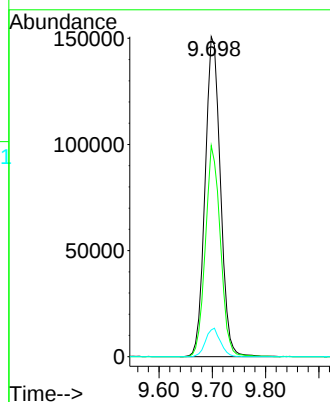
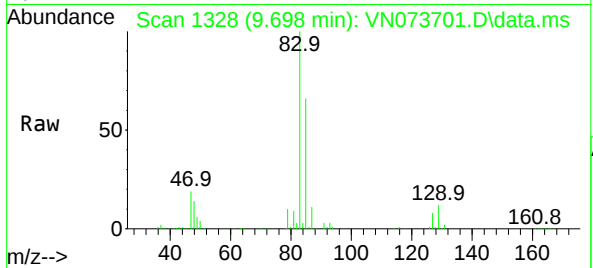




#47
Bromodichloromethane
Concen: 51.359 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

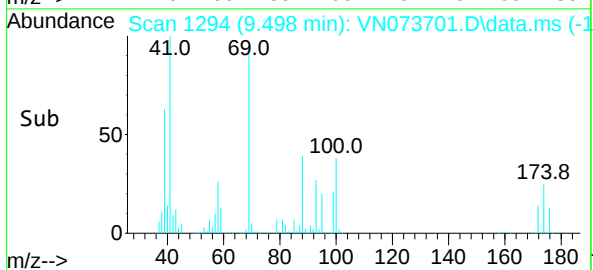
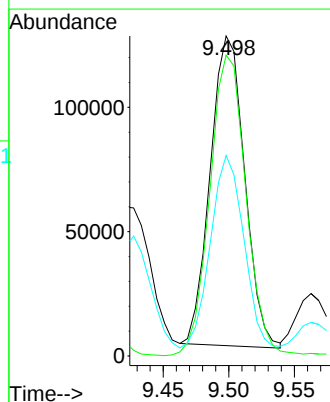
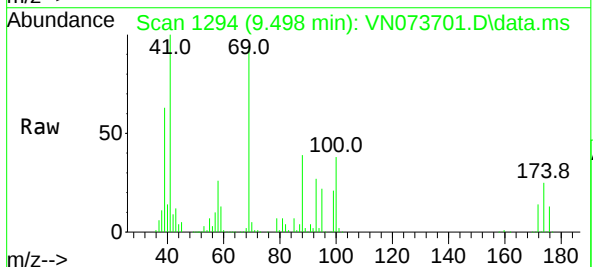
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

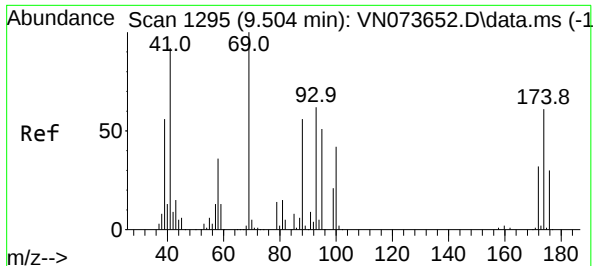
Tgt Ion: 83 Resp: 301247
Ion Ratio Lower Upper
83 100
85 66.0 50.5 75.7
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 53.750 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 41 Resp: 227043
Ion Ratio Lower Upper
41 100
69 102.7 74.7 112.1
39 66.1 45.6 68.4

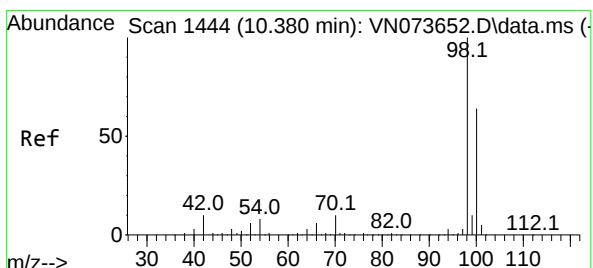
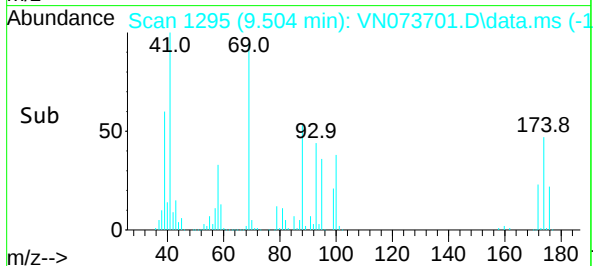
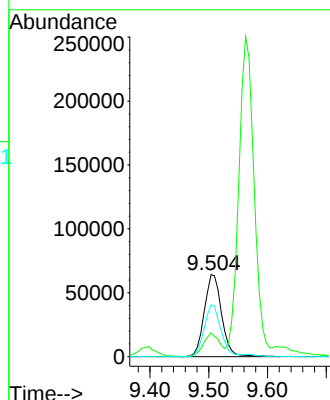
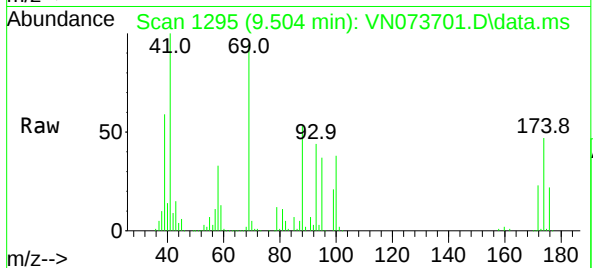




#49
1,4-Dioxane
Concen: 1105.834 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

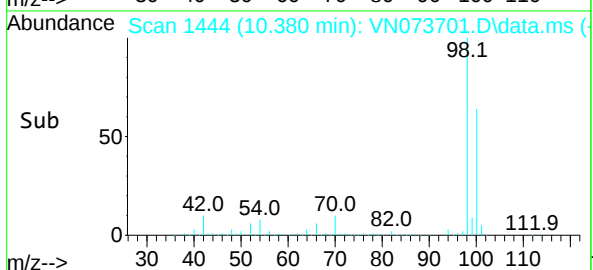
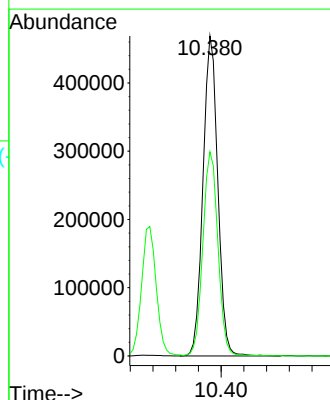
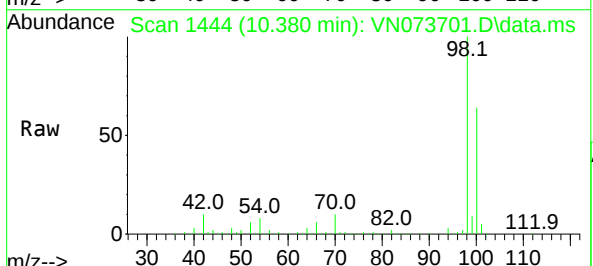
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

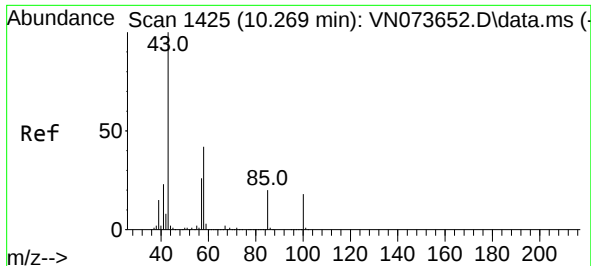
Tgt Ion: 88 Resp: 131673
Ion Ratio Lower Upper
88 100
43 26.3 20.2 30.4
58 60.9 54.2 81.4



#50
Toluene-d8
Concen: 56.496 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 98 Resp: 846226
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

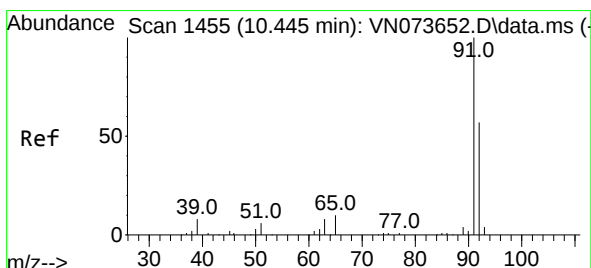
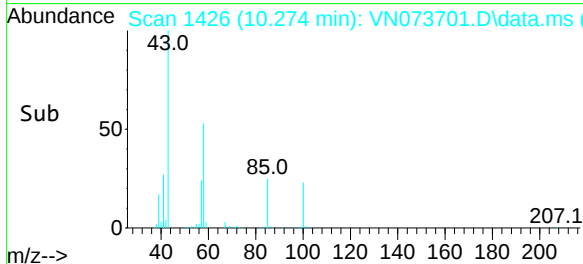
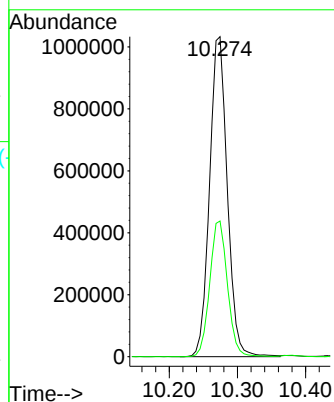
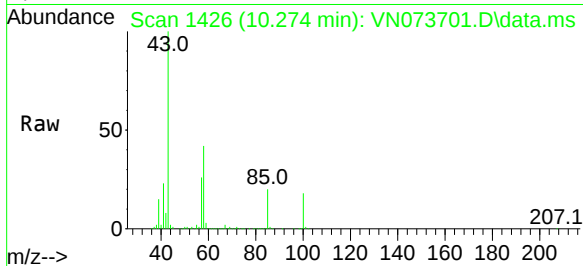




#51
4-Methyl-2-Pentanone
Concen: 269.965 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. -0.001 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

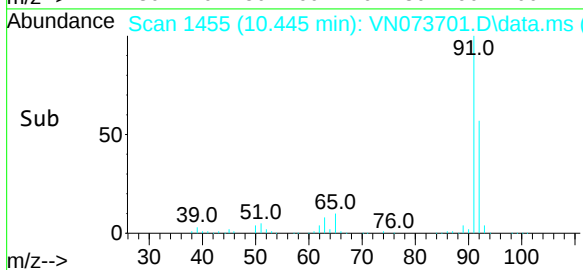
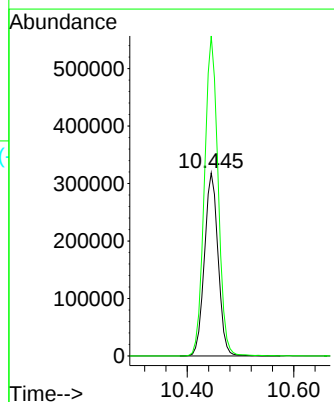
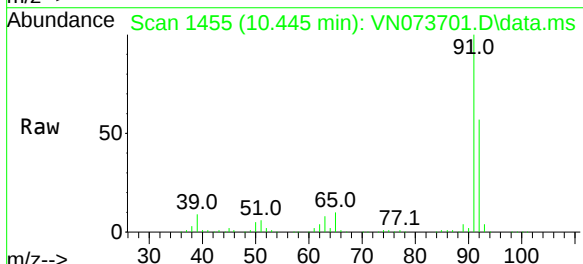
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

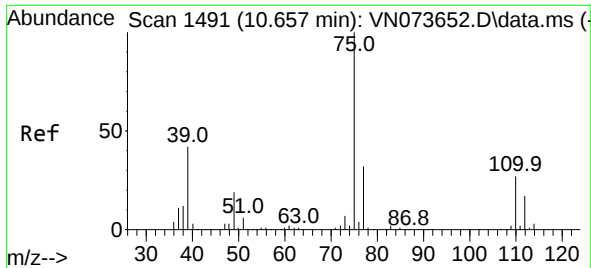
Tgt Ion: 43 Resp: 1868522
Ion Ratio Lower Upper
43 100
58 42.4 34.1 51.1



#52
Toluene
Concen: 52.624 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 92 Resp: 566249
Ion Ratio Lower Upper
92 100
91 175.0 138.6 207.8

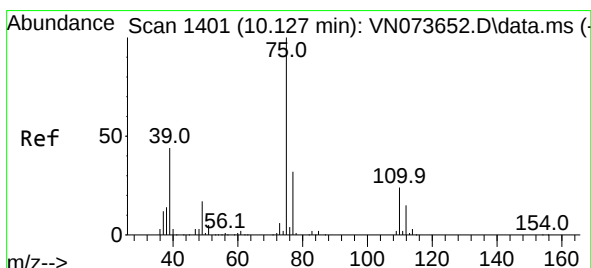
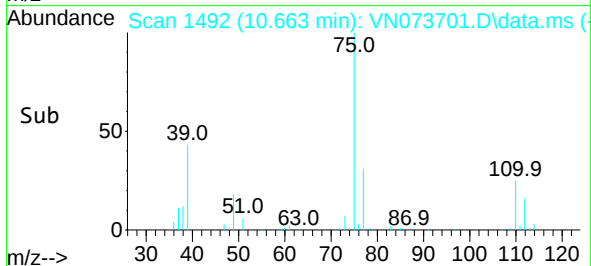
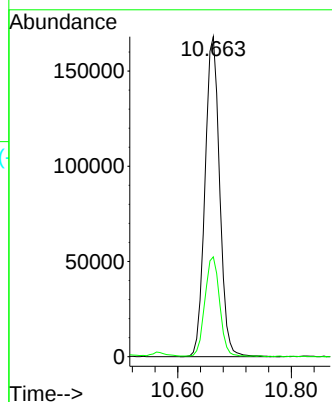
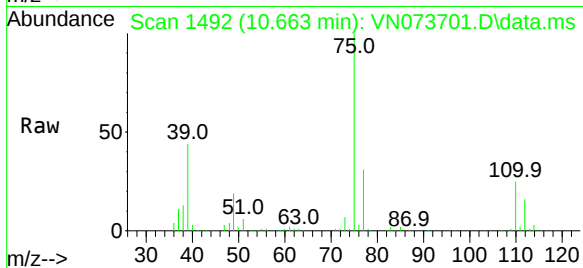




#53
 t-1,3-Dichloropropene
 Concen: 51.788 ug/l
 RT: 10.663 min Scan# 1492
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

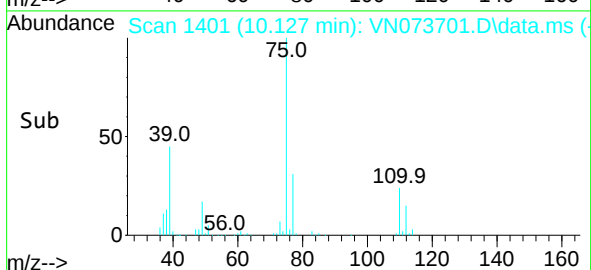
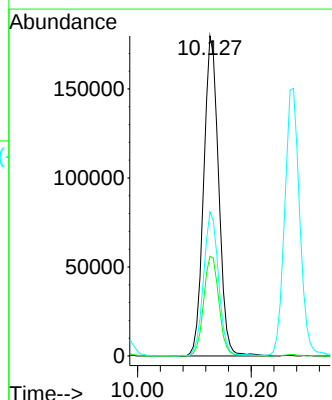
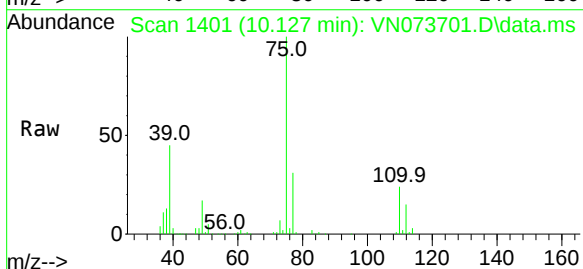
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

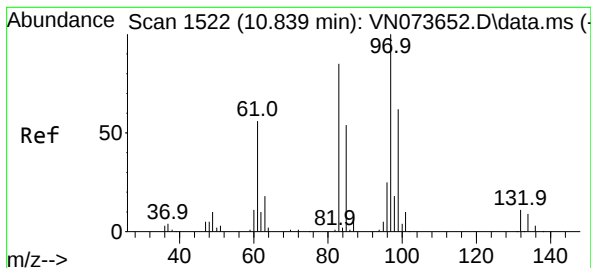
Tgt Ion: 75 Resp: 300089
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.406 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

Tgt Ion: 75 Resp: 329138
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 44.9 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 52.476 ug/l

RT: 10.839 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 235467

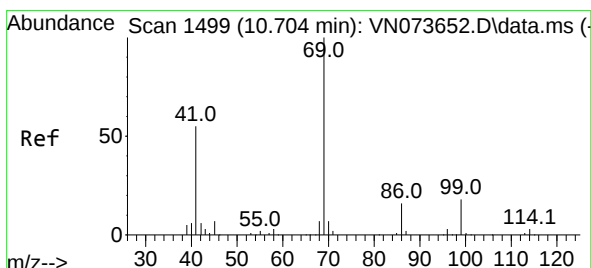
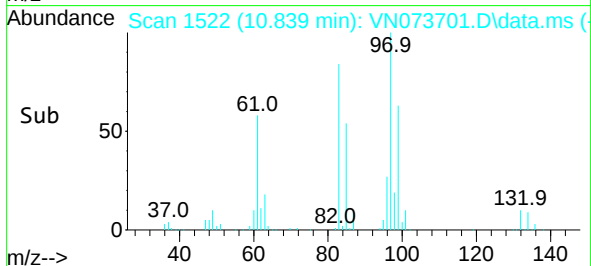
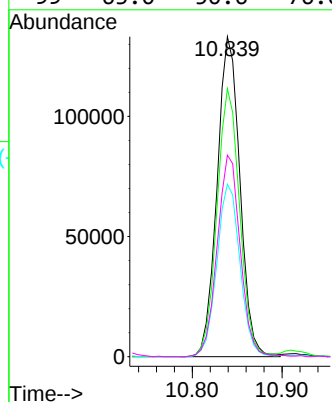
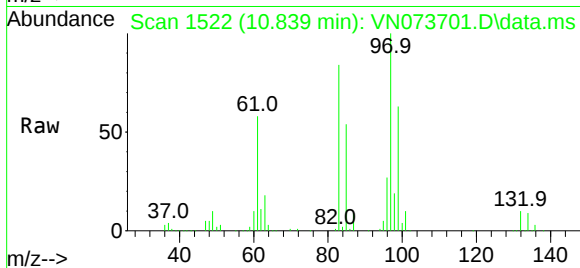
Ion Ratio Lower Upper

97 100

83 83.8 66.2 99.4

85 53.9 43.9 65.9

99 63.0 50.6 76.0



#56

Ethyl methacrylate

Concen: 59.580 ug/l

RT: 10.704 min Scan# 1499

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

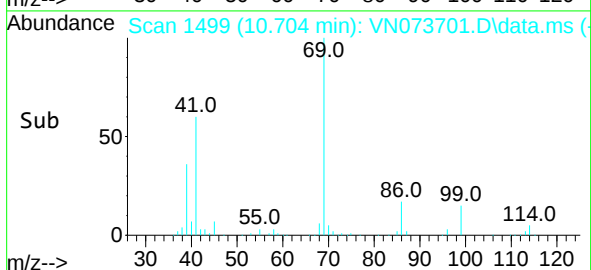
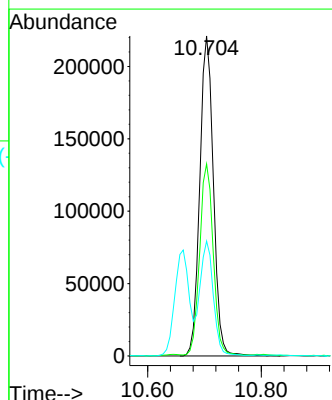
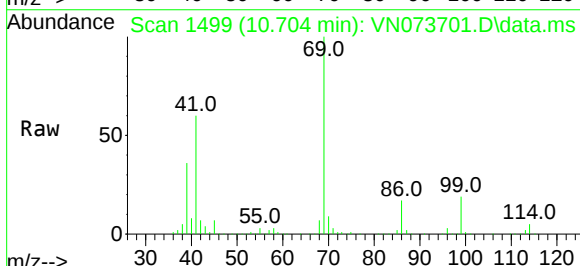
Tgt Ion: 69 Resp: 368467

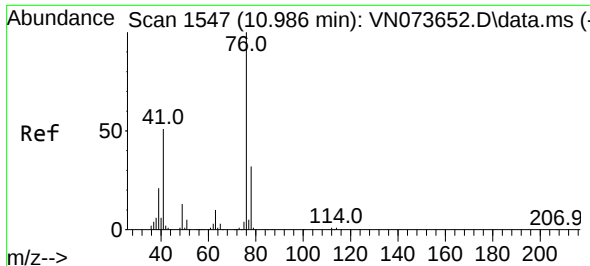
Ion Ratio Lower Upper

69 100

41 59.1 47.8 71.6

39 35.3 27.3 40.9





#57

1,3-Dichloropropane

Concen: 51.264 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

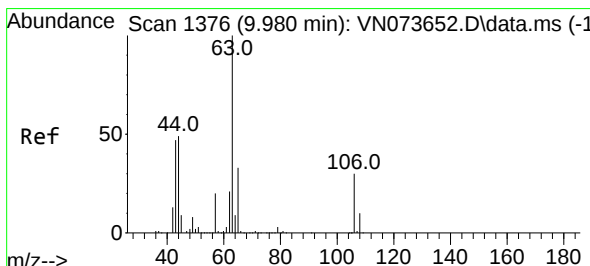
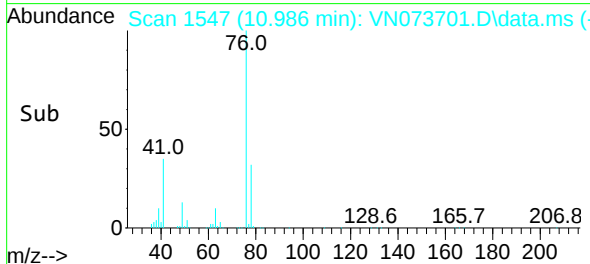
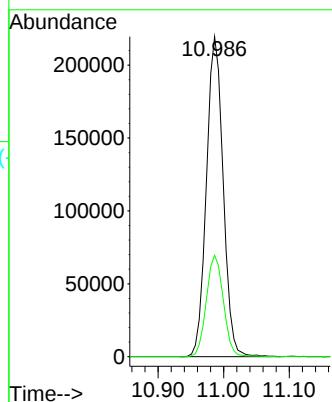
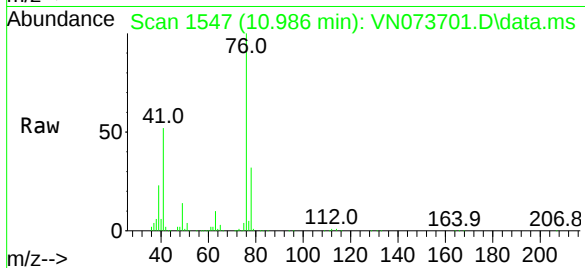
VSTDCCC050EC

Tgt Ion: 76 Resp: 390270

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 240.579 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073701.D

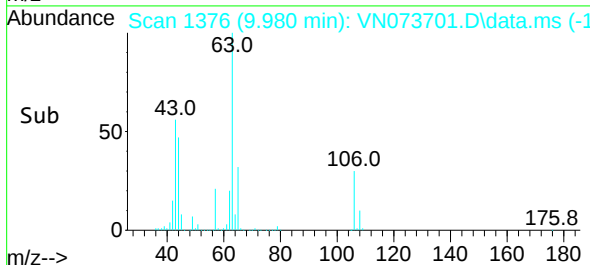
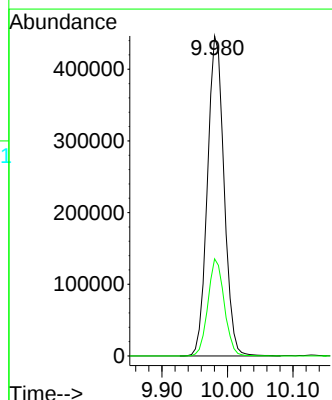
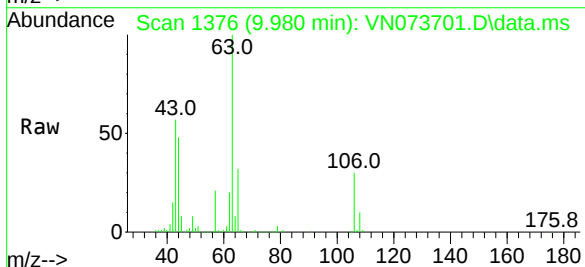
Acq: 02 Aug 2022 20:56

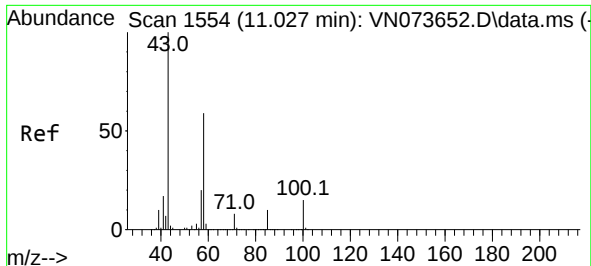
Tgt Ion: 63 Resp: 786055

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8

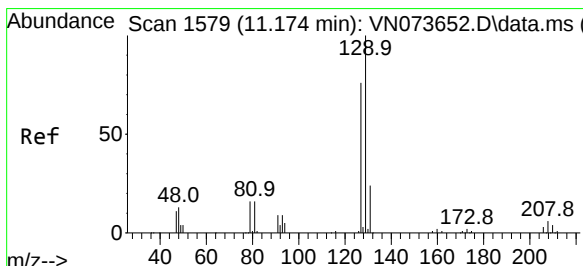
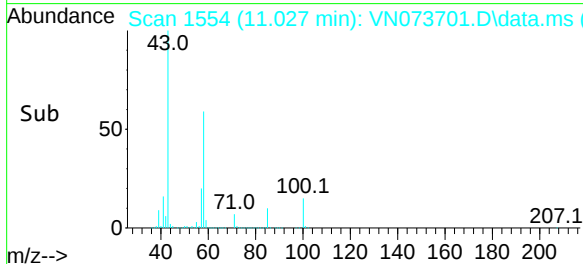
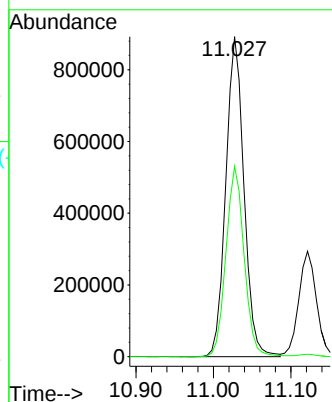
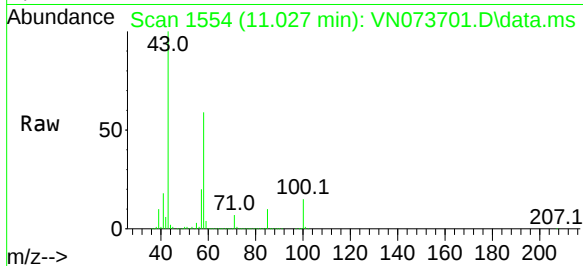




#59
2-Hexanone
Concen: 277.353 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

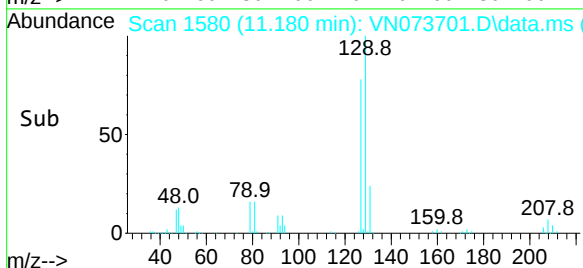
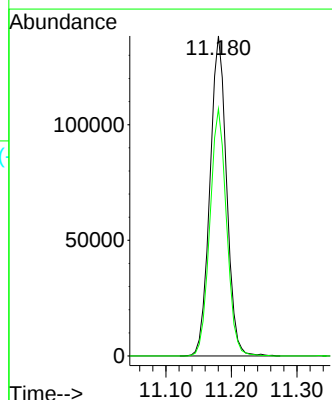
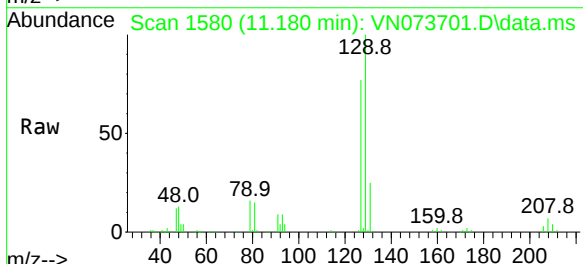
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

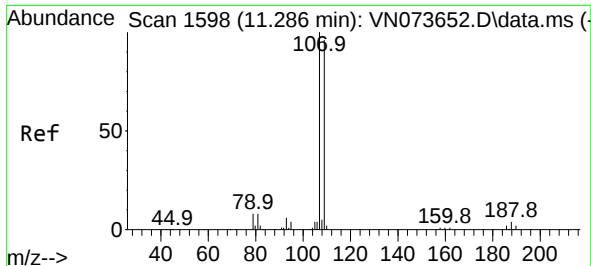
Tgt Ion: 43 Resp: 1454409
Ion Ratio Lower Upper
43 100
58 59.7 29.7 89.1



#60
Dibromochloromethane
Concen: 54.824 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 129 Resp: 244731
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

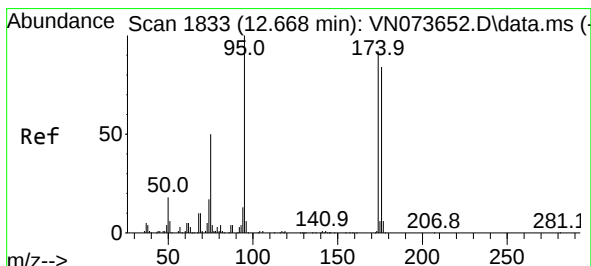
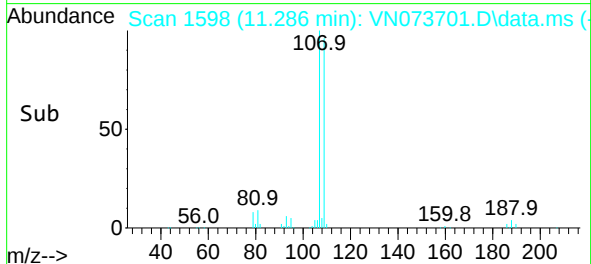
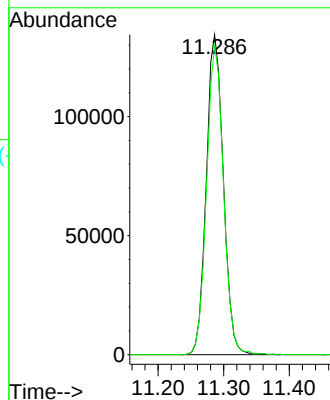
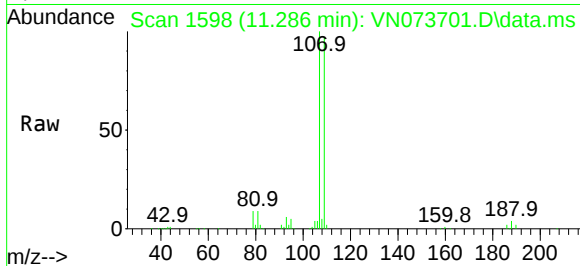




#61
1,2-Dibromoethane
Concen: 52.593 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

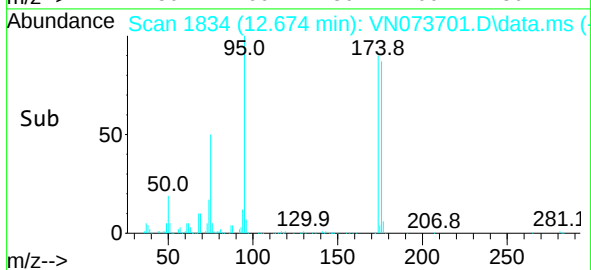
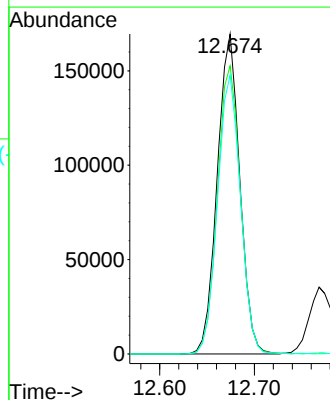
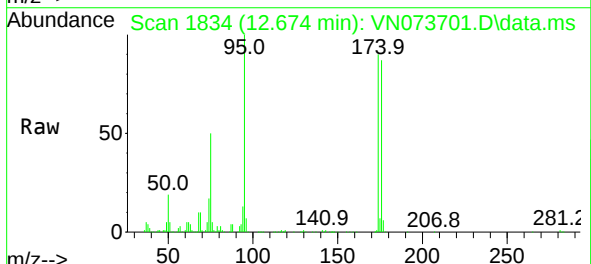
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

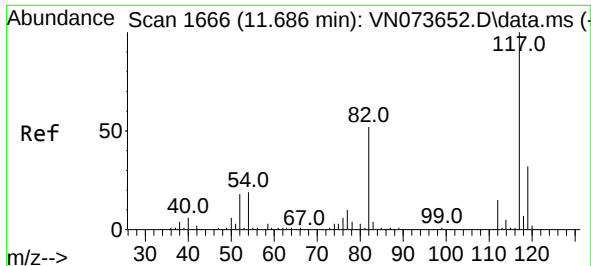
Tgt Ion:107 Resp: 243051
Ion Ratio Lower Upper
107 100
109 96.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 55.097 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 95 Resp: 281167
Ion Ratio Lower Upper
95 100
174 91.6 0.0 167.6
176 88.6 0.0 163.4

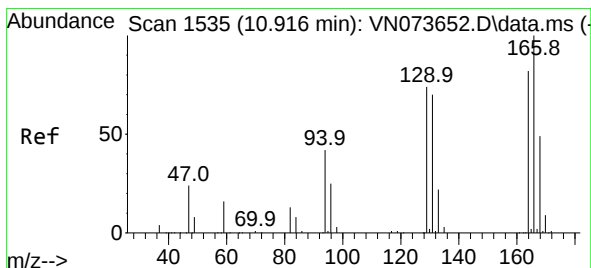
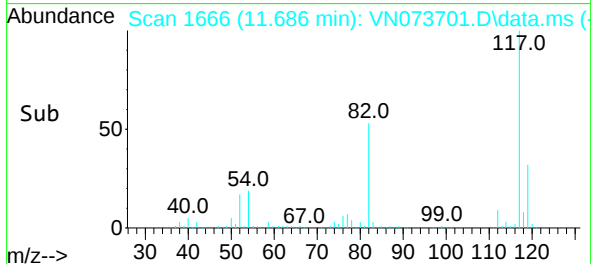
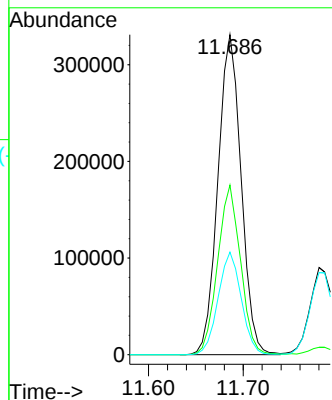
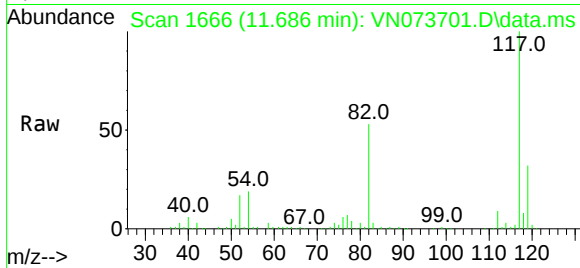




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

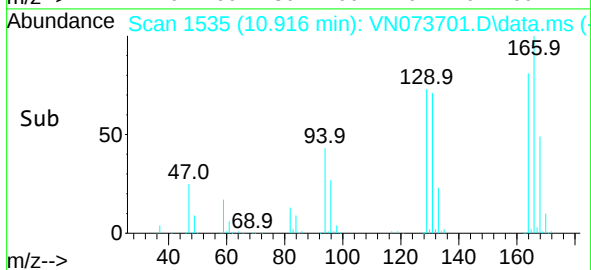
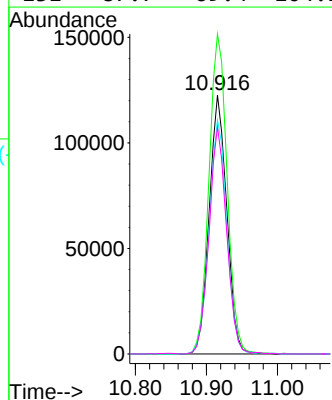
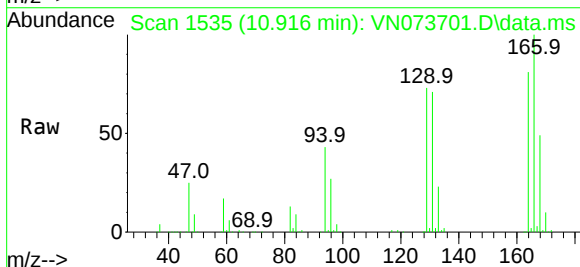
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

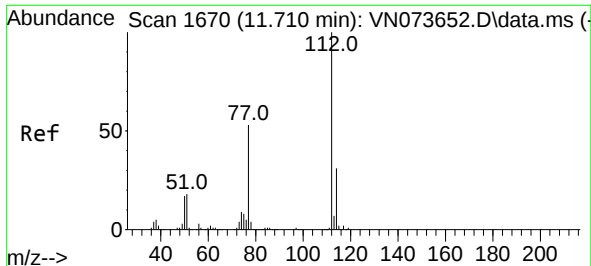
Tgt Ion:117 Resp: 564614
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 47.173 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion:164 Resp: 211672
Ion Ratio Lower Upper
164 100
166 123.6 104.2 156.2
129 90.4 73.9 110.9
131 87.7 69.4 104.2

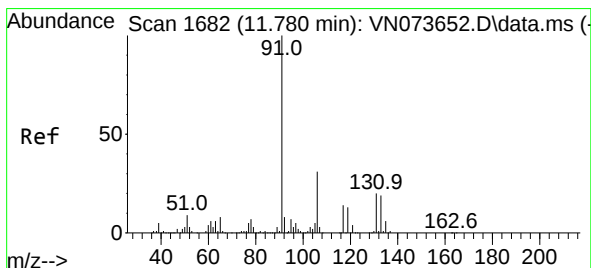
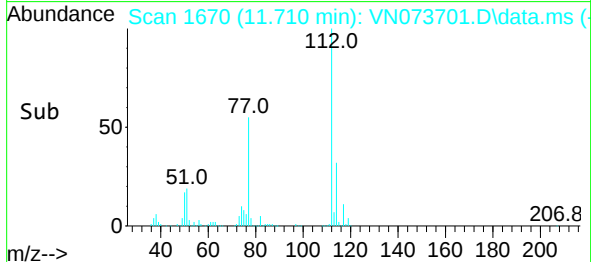
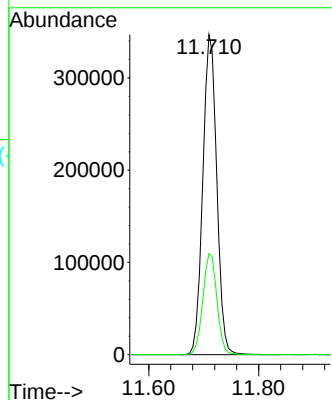
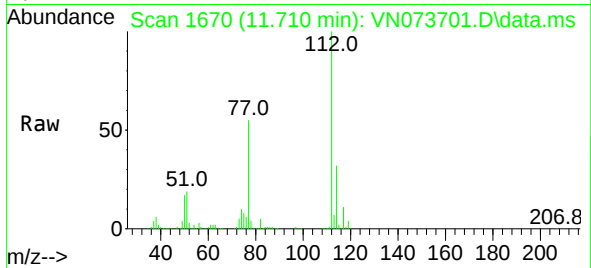




#65
Chlorobenzene
Concen: 50.955 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

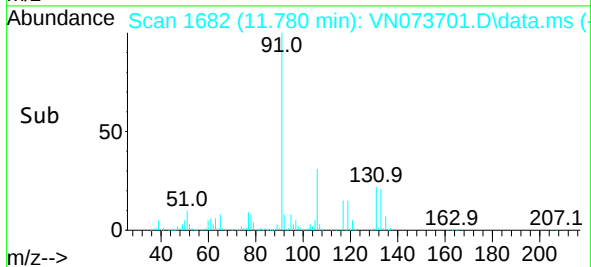
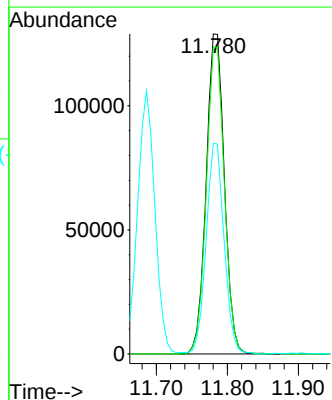
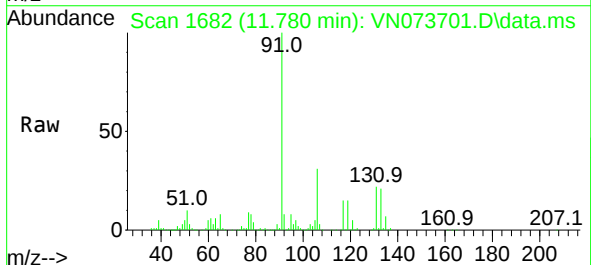
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

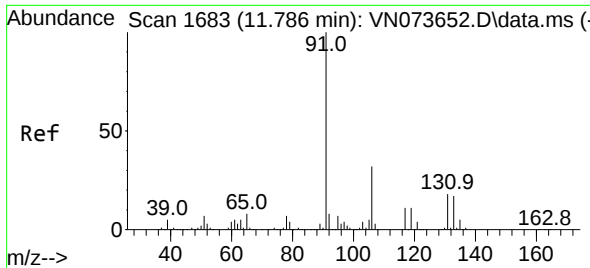
Tgt Ion:112 Resp: 611096
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.337 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion:131 Resp: 229433
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 65.0 33.4 100.2

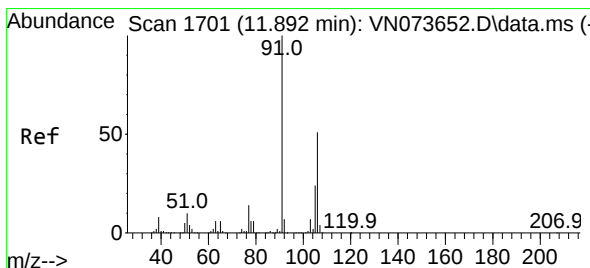
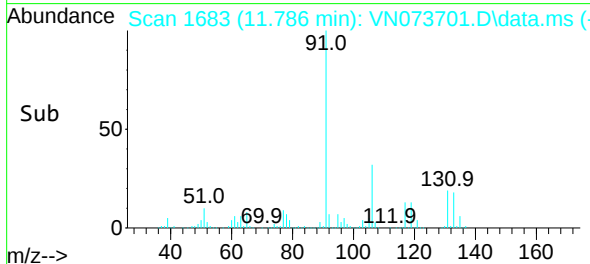
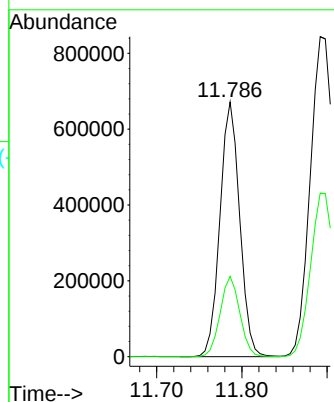
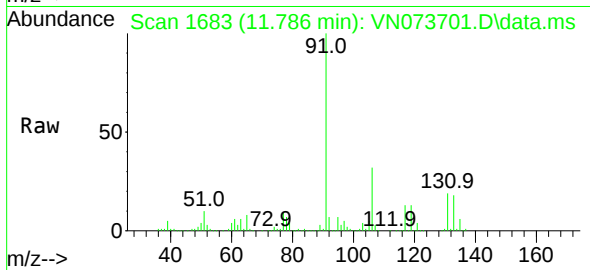




#67
Ethyl Benzene
Concen: 53.396 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

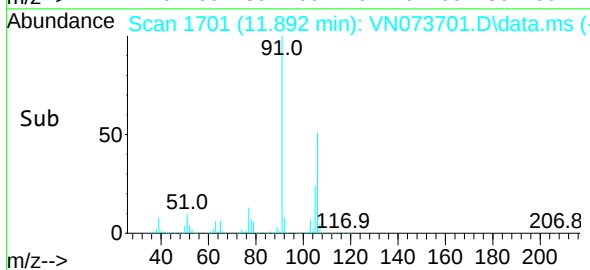
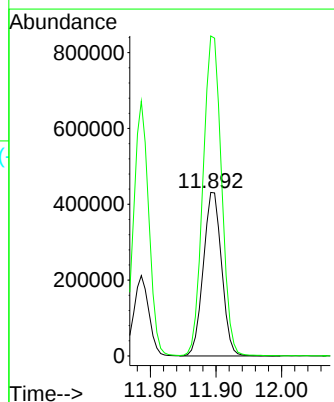
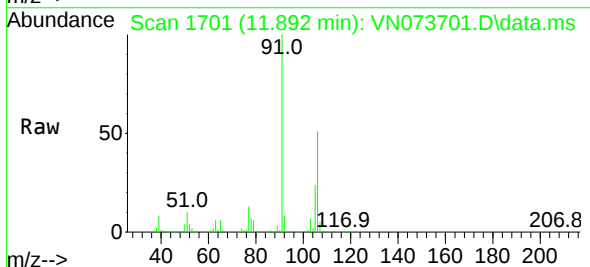
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

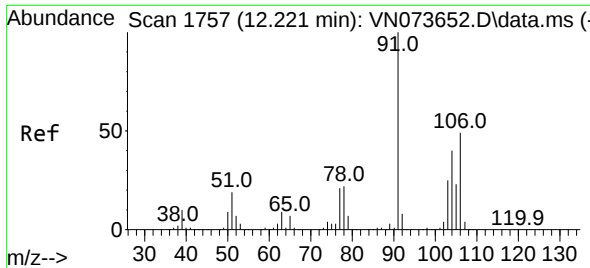
Tgt Ion: 91 Resp: 1080344
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 108.684 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 106 Resp: 838678
Ion Ratio Lower Upper
106 100
91 197.9 158.9 238.3

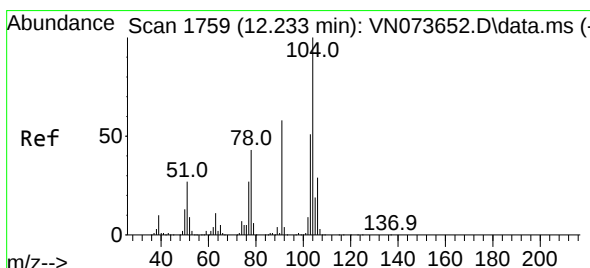
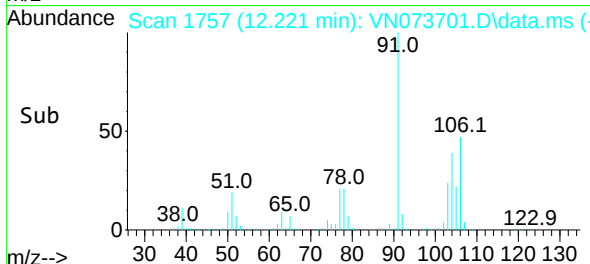
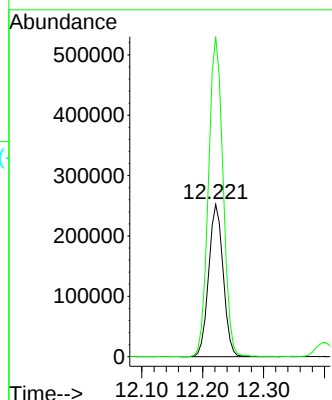
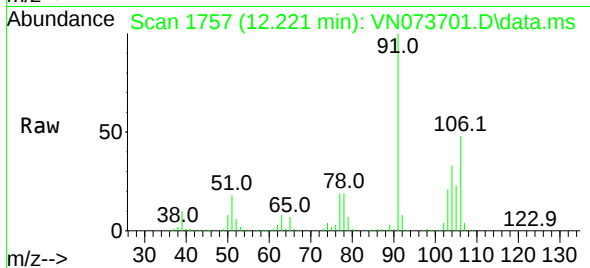




#69
o-Xylene
Concen: 55.416 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

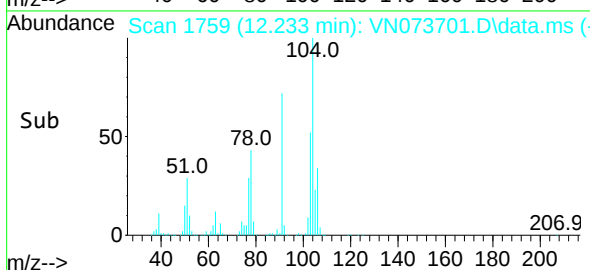
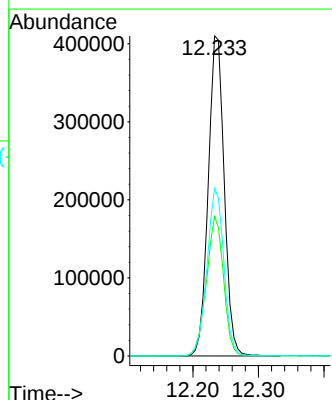
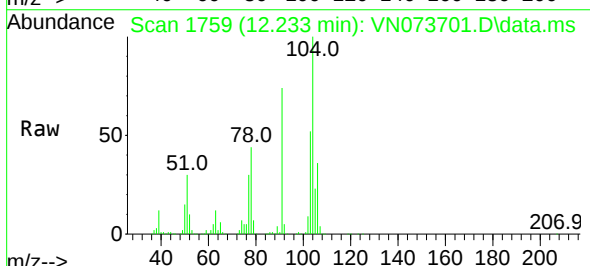
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

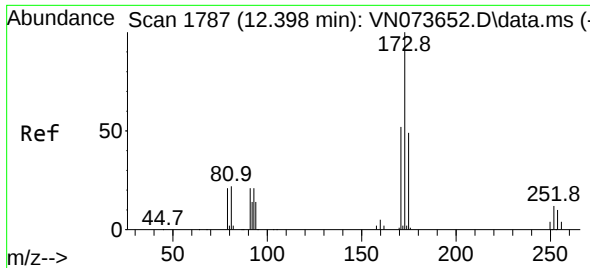
Tgt Ion:106 Resp: 416911
Ion Ratio Lower Upper
106 100
91 211.1 106.0 318.0



#70
Styrene
Concen: 57.866 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion:104 Resp: 696886
Ion Ratio Lower Upper
104 100
78 46.8 39.5 59.3
103 55.4 44.0 66.0

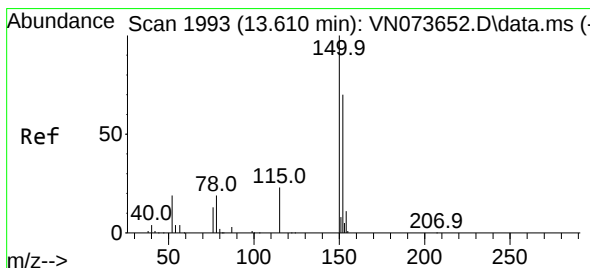
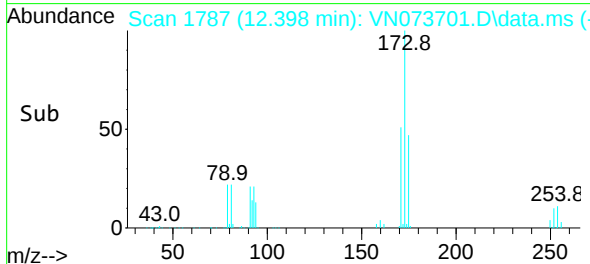
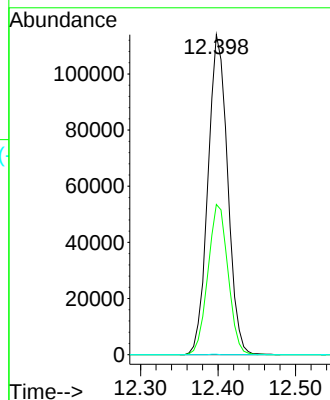
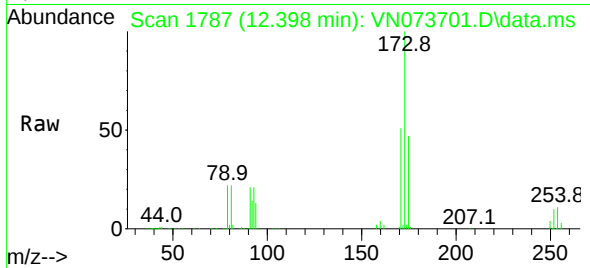




#71
Bromoform
Concen: 56.599 ug/l
RT: 12.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

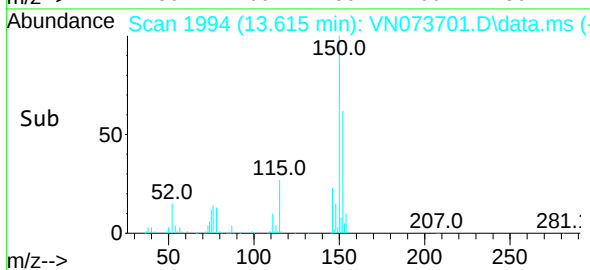
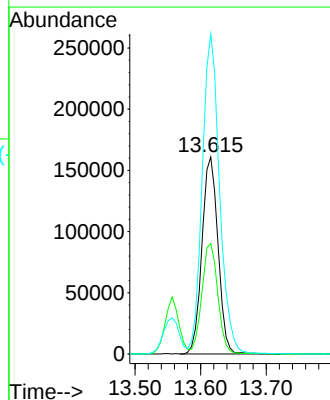
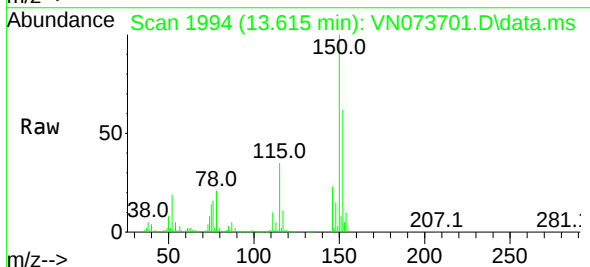
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

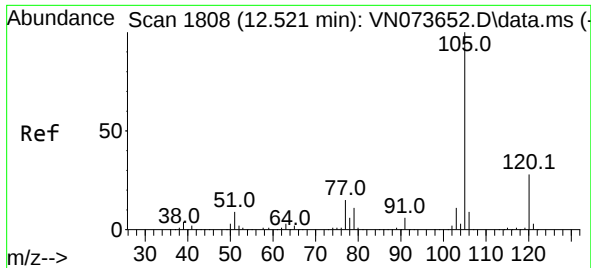
Tgt Ion:173 Resp: 200956
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion:152 Resp: 274329
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 175.2 0.0 356.2

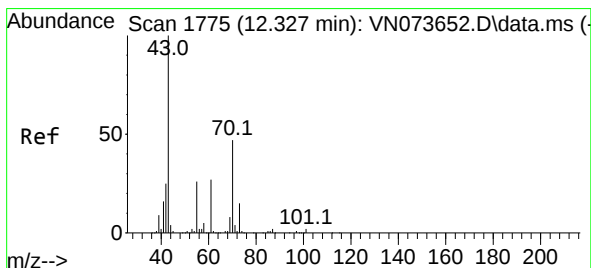
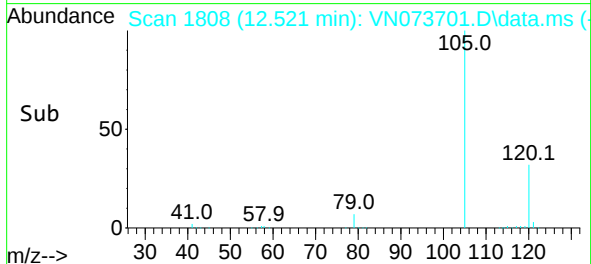
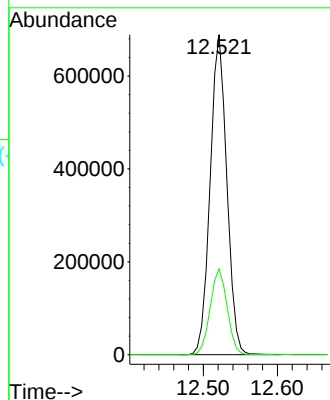
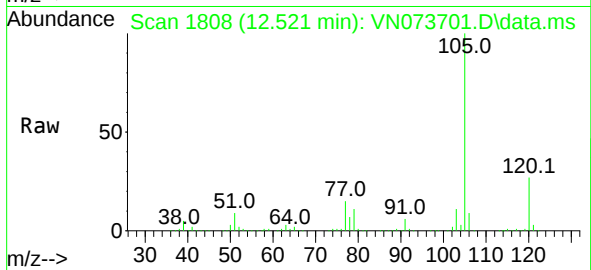




#73
Isopropylbenzene
Concen: 53.513 ug/l
RT: 12.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

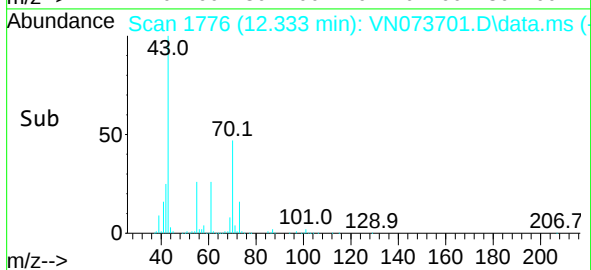
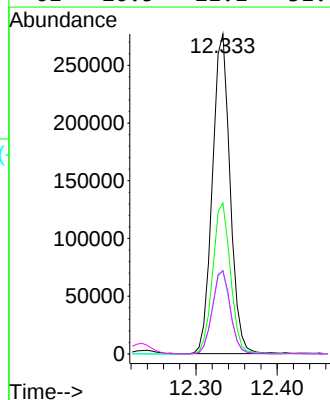
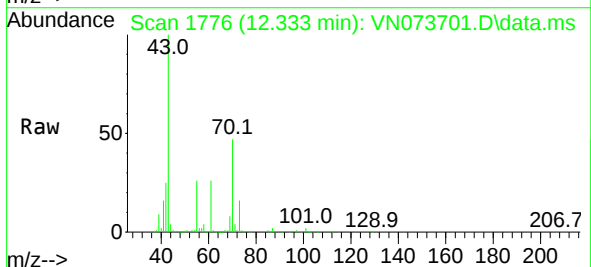
Instrument :
MSVOA_N
ClientSampleId :
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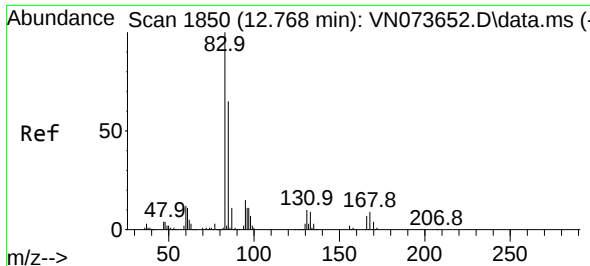
Tgt Ion:105 Resp: 1074625
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 55.208 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 43 Resp: 418883
Ion Ratio Lower Upper
43 100
70 47.7 39.0 58.4
55 26.7 21.1 31.7
61 26.5 21.1 31.7

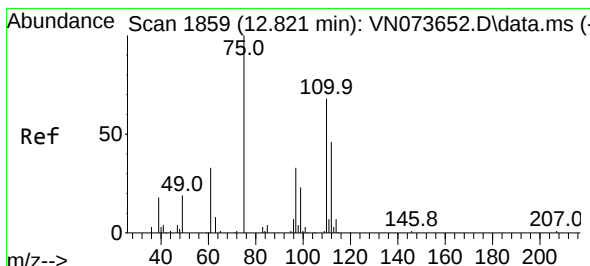
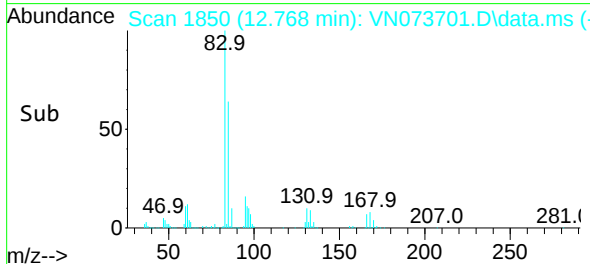
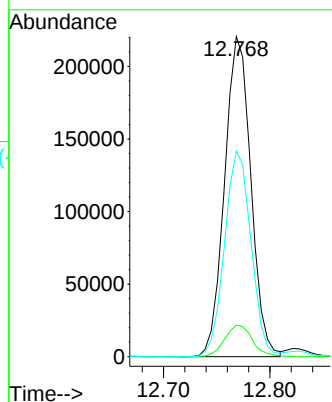
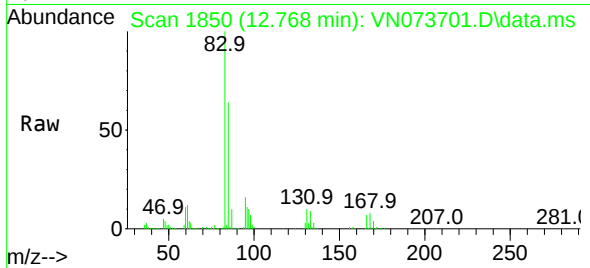




#75
1,1,2,2-Tetrachloroethane
Concen: 48.727 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

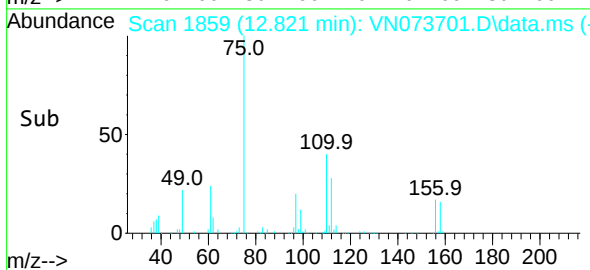
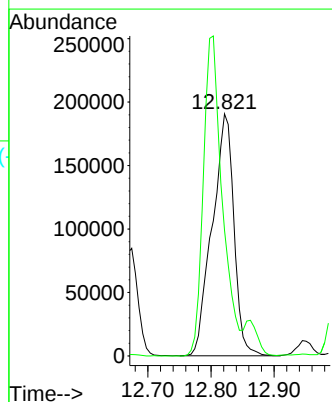
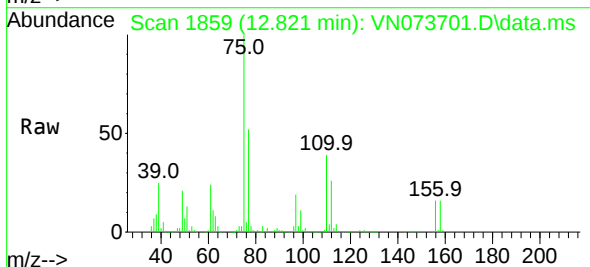
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

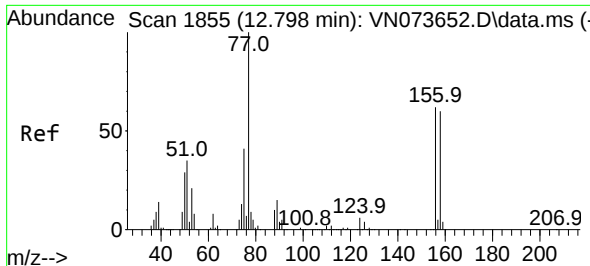
Tgt Ion: 83 Resp: 377594
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 64.8 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 93.507 ug/l
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 75 Resp: 455823
Ion Ratio Lower Upper
75 100
77 115.0 98.5 295.5

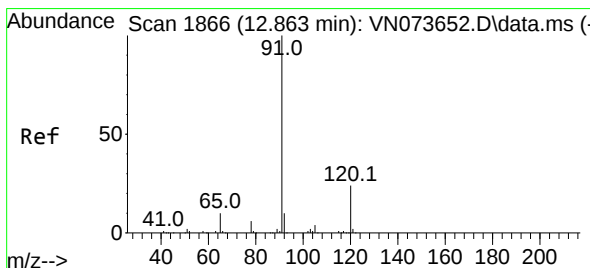
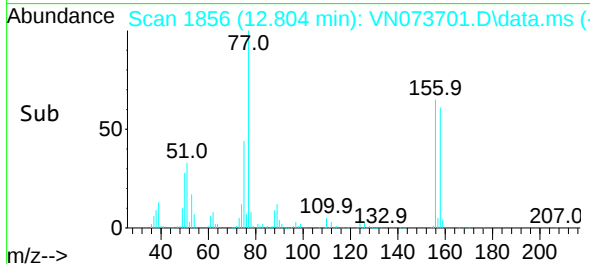
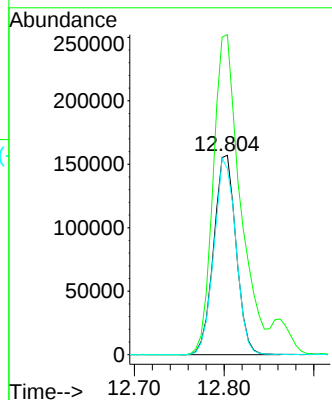
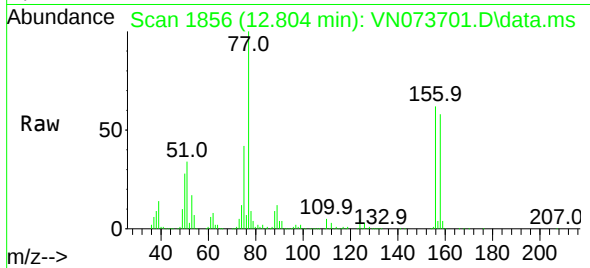




#77
Bromobenzene
Concen: 51.994 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

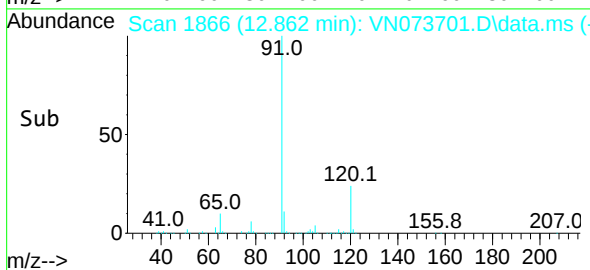
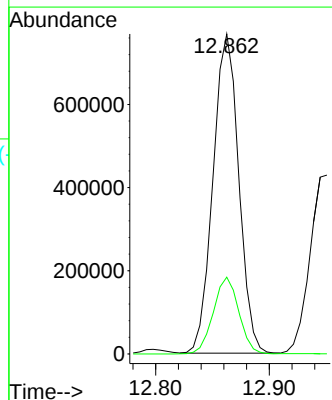
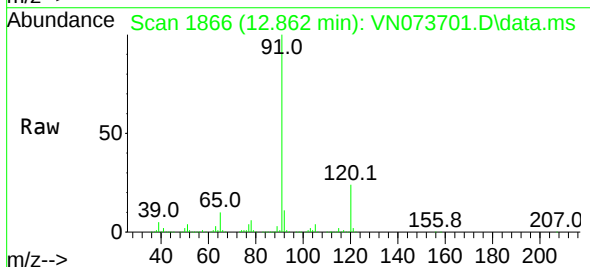
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

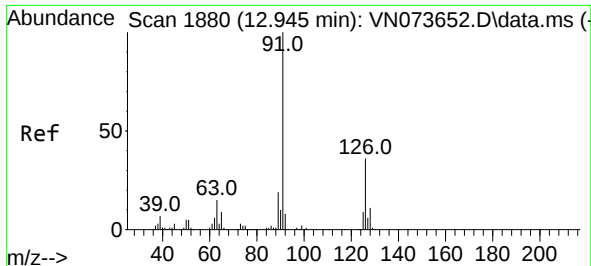
Tgt Ion:156 Resp: 271907
Ion Ratio Lower Upper
156 100
77 192.9 100.5 301.5
158 96.6 48.9 146.6



#78
n-propylbenzene
Concen: 53.429 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 91 Resp: 1207255
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

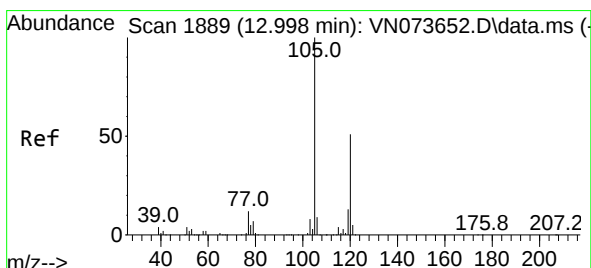
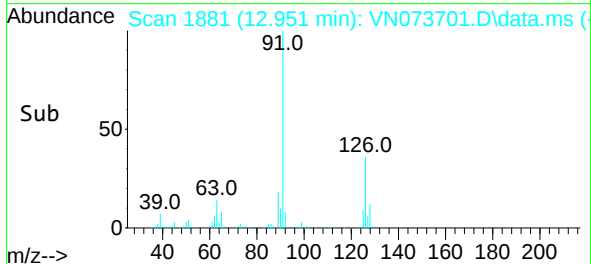
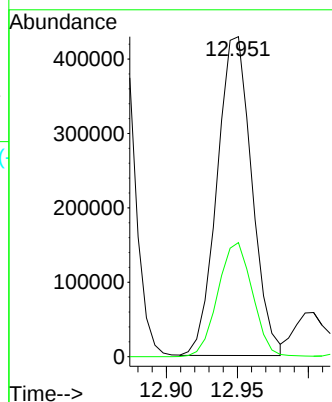
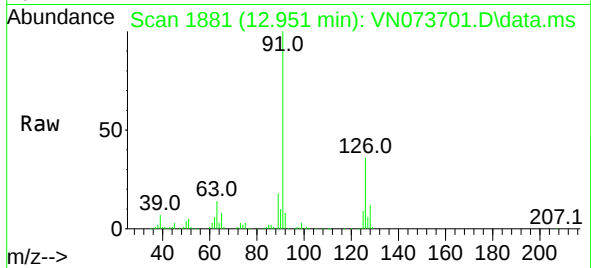




#79
2-Chlorotoluene
Concen: 51.797 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

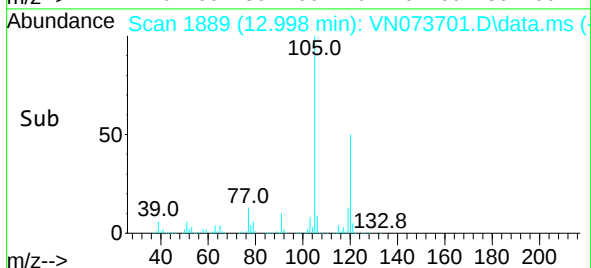
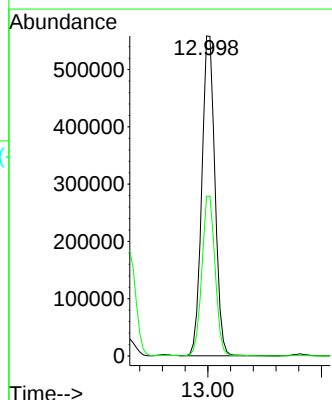
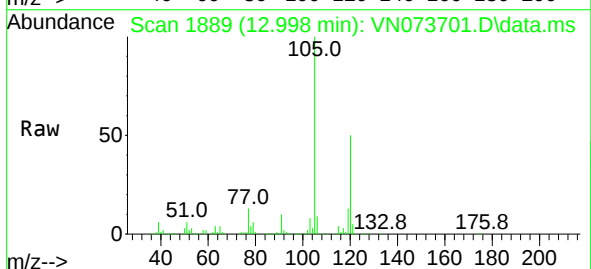
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

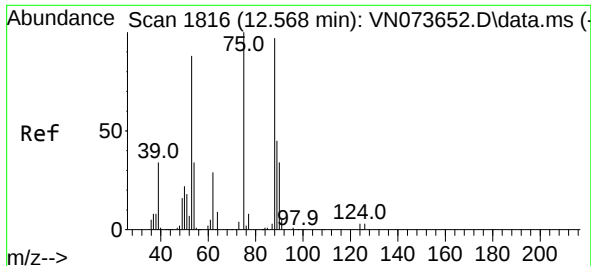
Tgt Ion: 91 Resp: 730478
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 54.253 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 105 Resp: 896575
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7

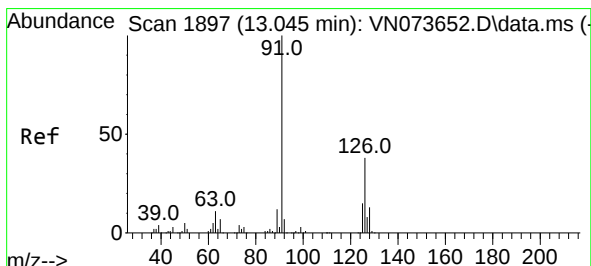
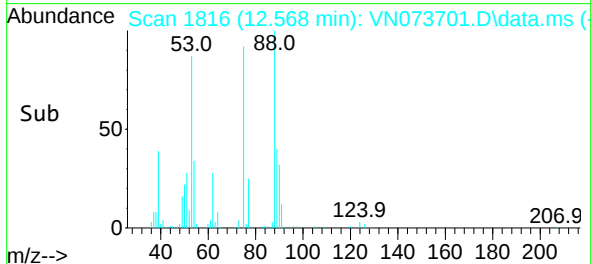
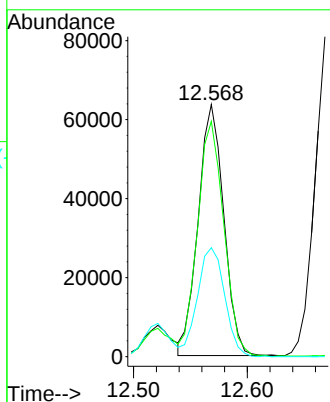
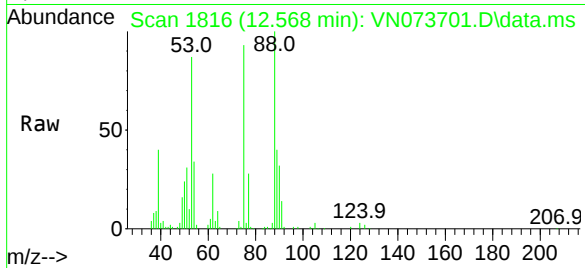




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.984 ug/l
 RT: 12.568 min Scan# 1816
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

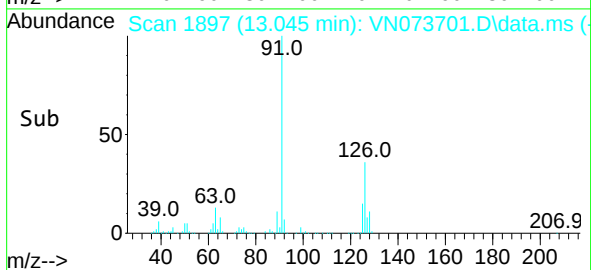
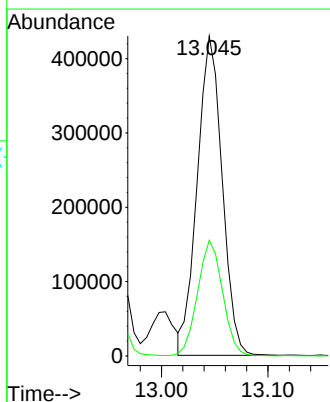
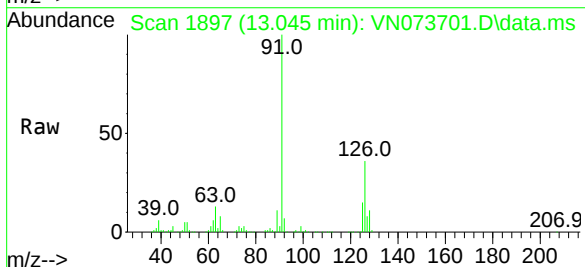
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

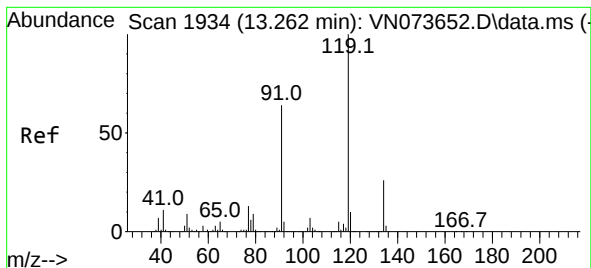
Tgt Ion: 75 Resp: 99459
 Ion Ratio Lower Upper
 75 100
 53 96.6 78.0 117.0
 89 46.3 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 52.178 ug/l
 RT: 13.045 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

Tgt Ion: 91 Resp: 697413
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 55.420 ug/l

RT: 13.262 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

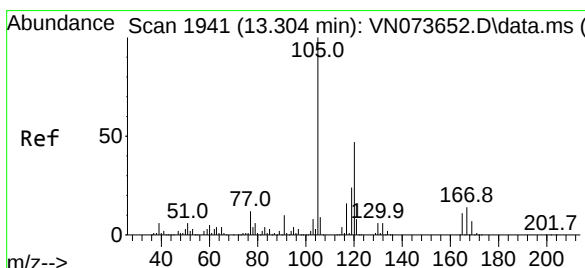
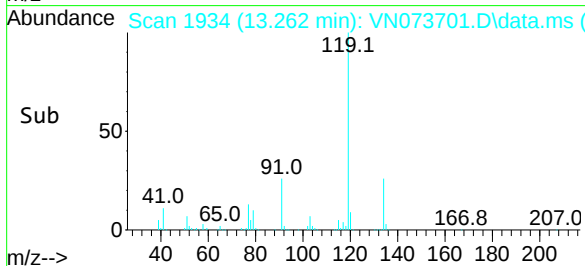
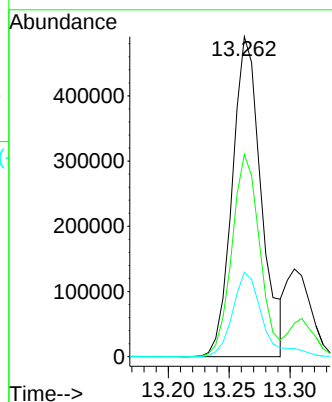
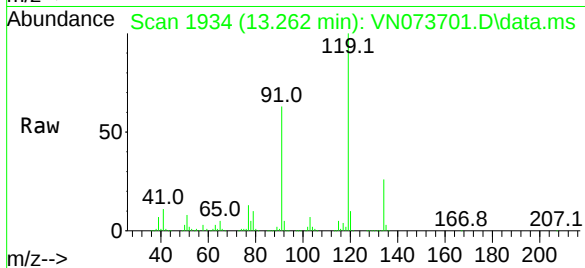
Tgt Ion:119 Resp: 811225

Ion Ratio Lower Upper

119 100

91 60.8 31.6 94.8

134 27.5 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 55.065 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073701.D

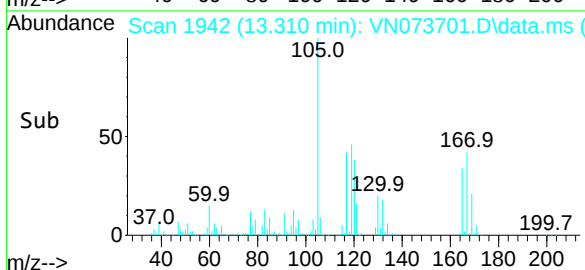
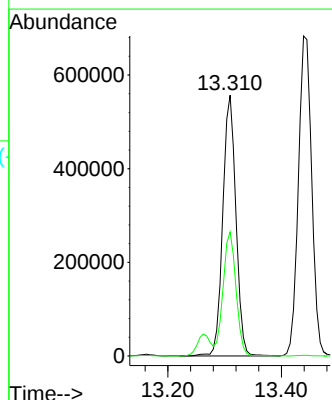
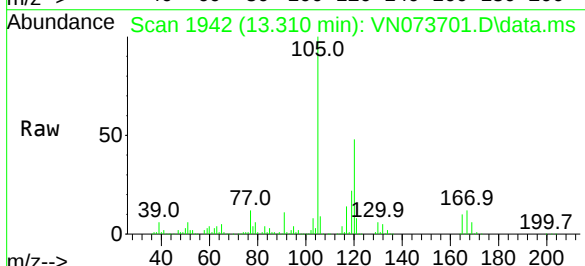
Acq: 02 Aug 2022 20:56

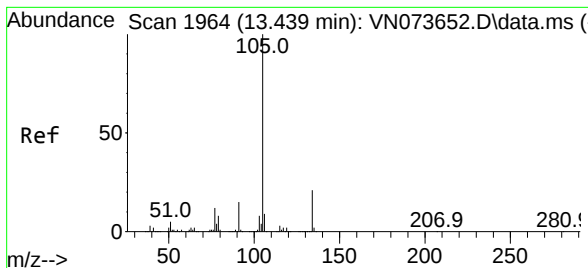
Tgt Ion:105 Resp: 894802

Ion Ratio Lower Upper

105 100

120 47.1 23.3 69.8

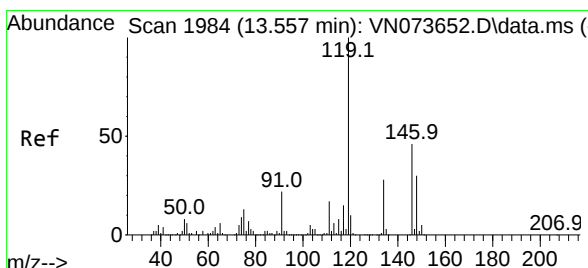
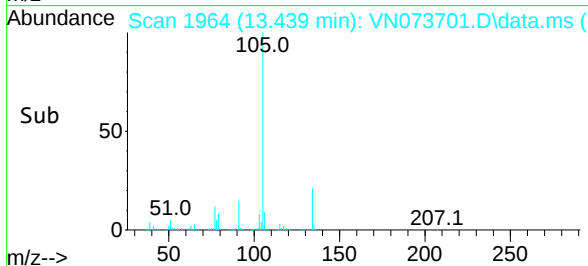
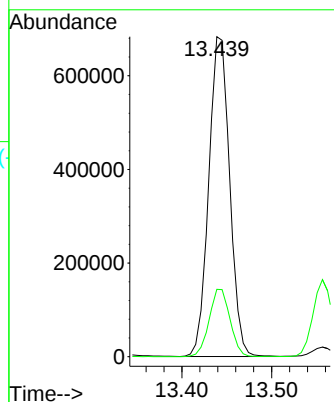
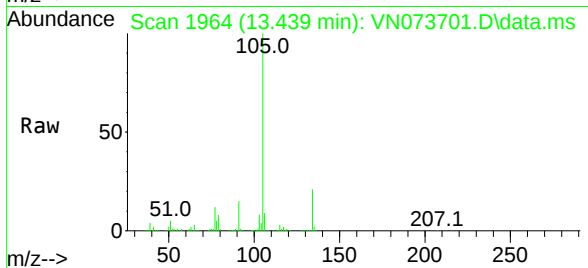




#85
 sec-Butylbenzene
 Concen: 54.777 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

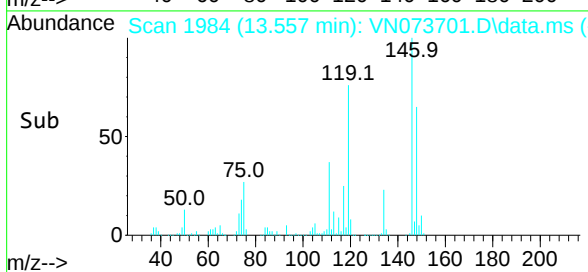
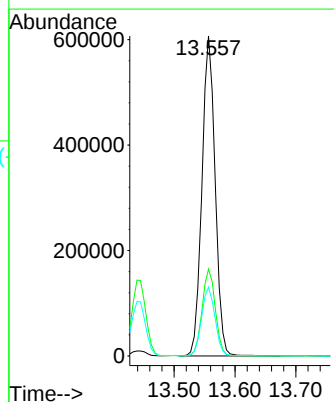
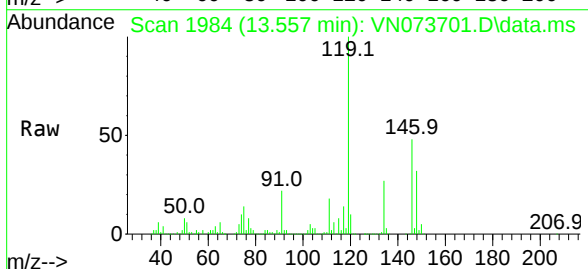
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

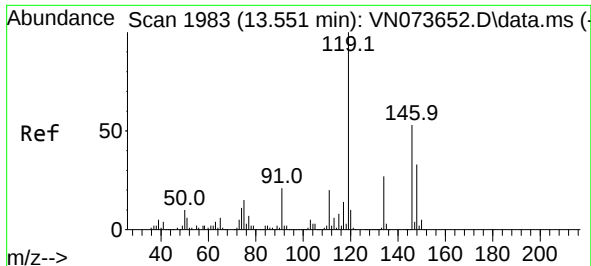
Tgt Ion:105 Resp: 1108202
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 57.351 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

Tgt Ion:119 Resp: 914679
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 21.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.034 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

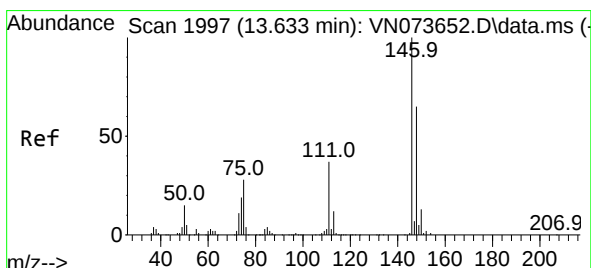
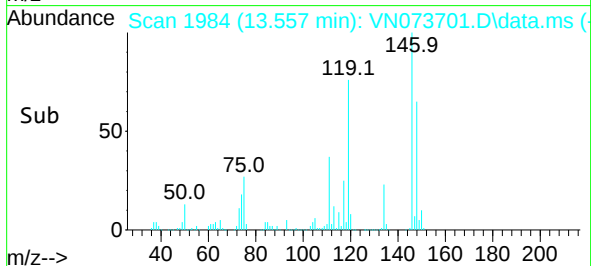
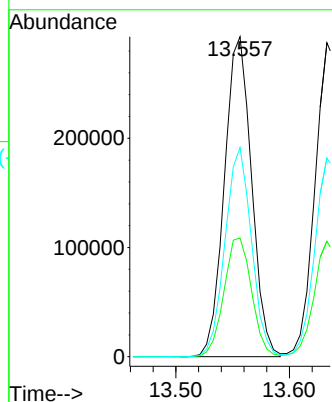
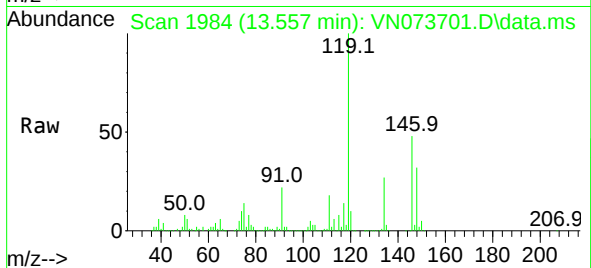
Tgt Ion:146 Resp: 487153

Ion Ratio Lower Upper

146 100

111 37.6 20.0 60.0

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 50.009 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

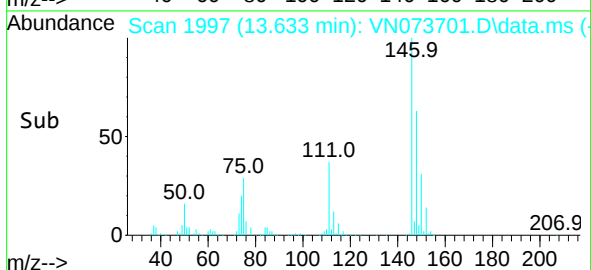
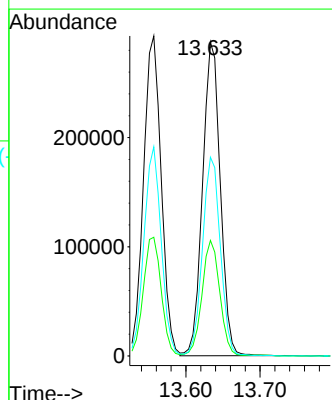
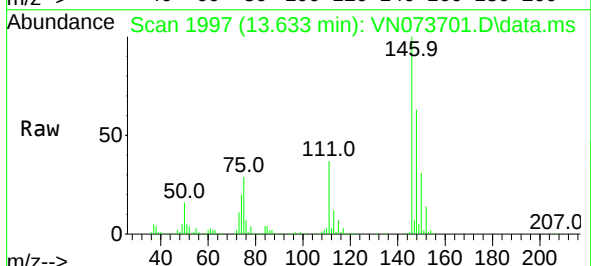
Tgt Ion:146 Resp: 477635

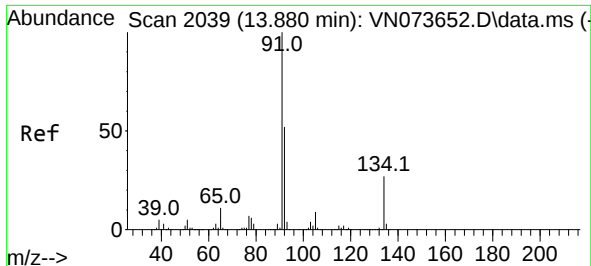
Ion Ratio Lower Upper

146 100

111 36.5 19.1 57.1

148 64.1 31.4 94.3

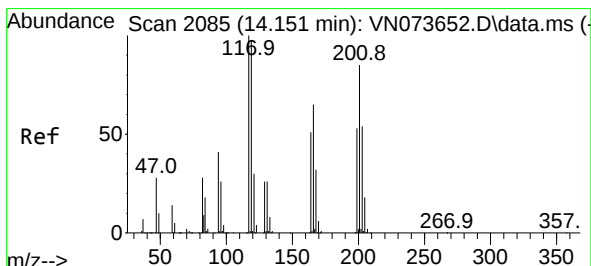
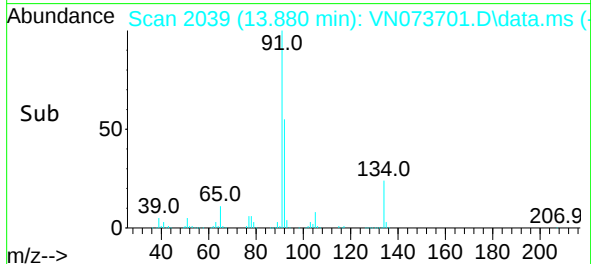
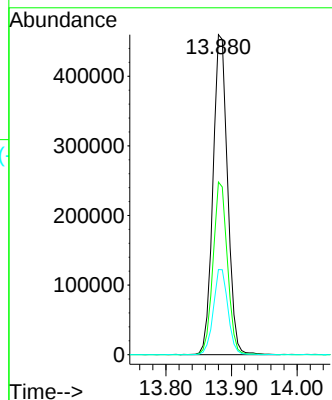
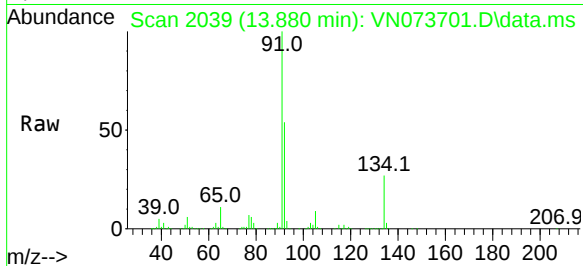




#89
n-Butylbenzene
Concen: 54.744 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

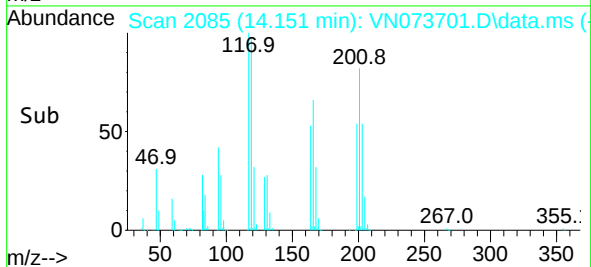
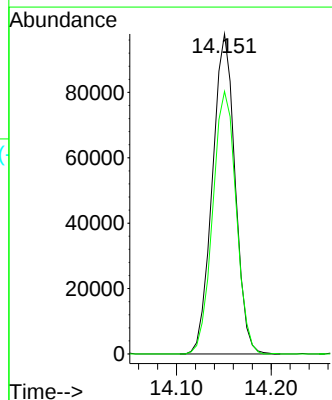
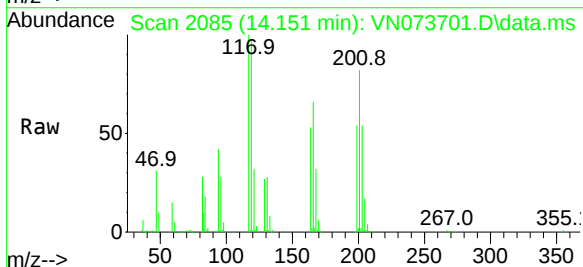
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

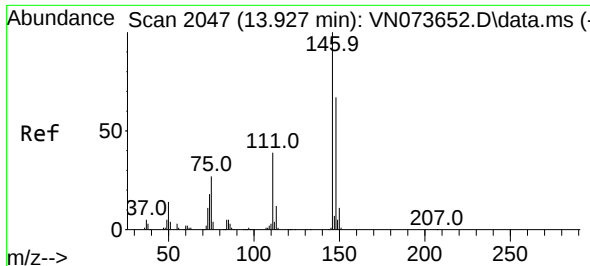
Tgt Ion: 91 Resp: 710394
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 26.5 13.6 40.8



#90
Hexachloroethane
Concen: 51.421 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073701.D
Acq: 02 Aug 2022 20:56

Tgt Ion: 117 Resp: 162714
Ion Ratio Lower Upper
117 100
201 84.8 40.6 122.0

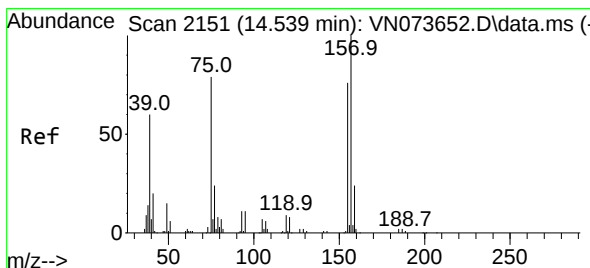
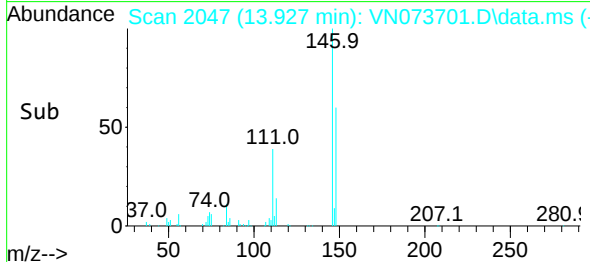
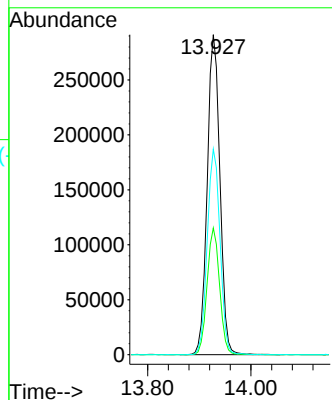
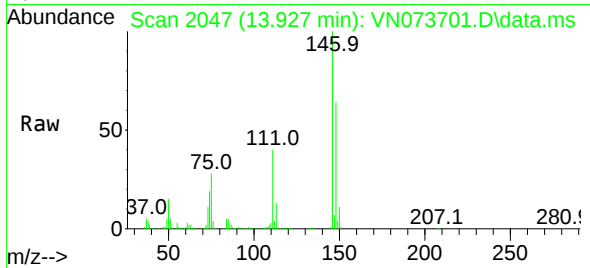




#91
 1,2-Dichlorobenzene
 Concen: 51.375 ug/l
 RT: 13.927 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

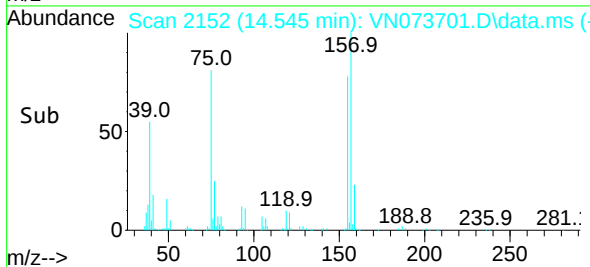
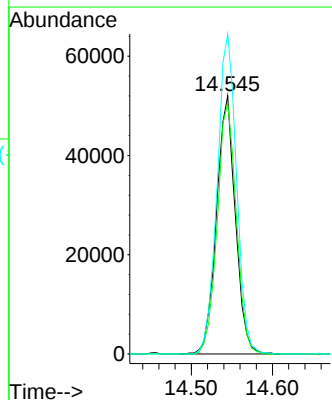
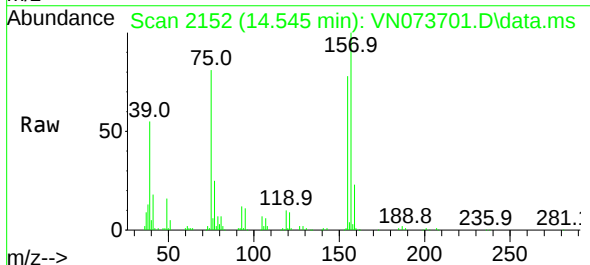
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

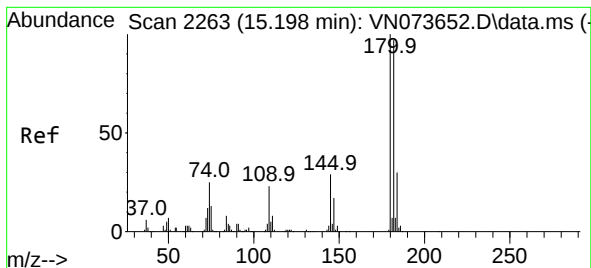
Tgt Ion:146 Resp: 496954
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.9 62.8
 148 64.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.085 ug/l
 RT: 14.545 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: VN073701.D
 Acq: 02 Aug 2022 20:56

Tgt Ion: 75 Resp: 84208
 Ion Ratio Lower Upper
 75 100
 155 97.9 44.9 134.5
 157 126.8 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 57.805 ug/l

RT: 15.198 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

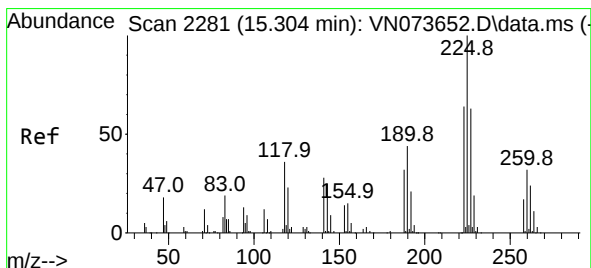
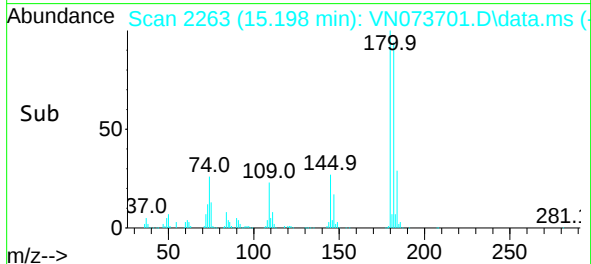
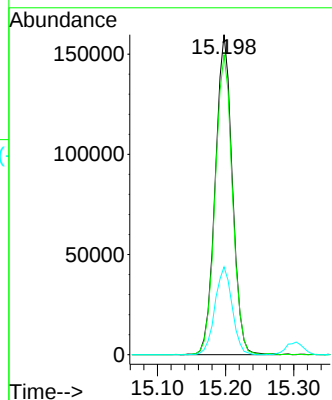
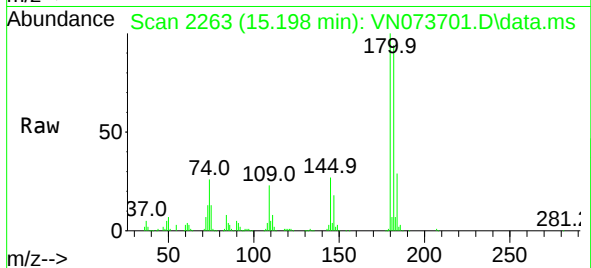
Tgt Ion:180 Resp: 277670

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

145 27.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.914 ug/l

RT: 15.303 min Scan# 2281

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

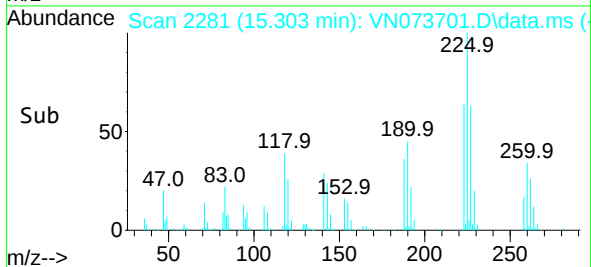
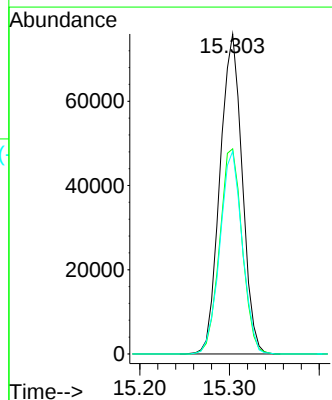
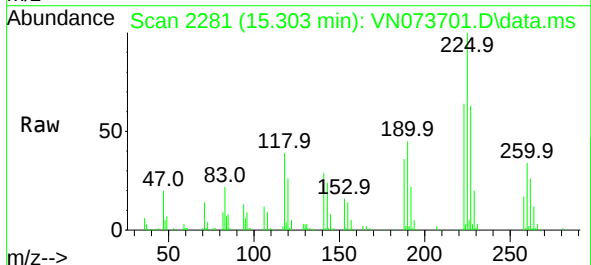
Tgt Ion:225 Resp: 130348

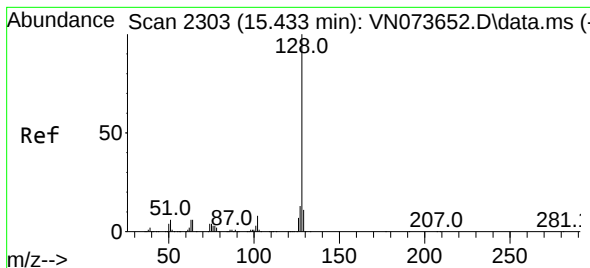
Ion Ratio Lower Upper

225 100

223 65.2 32.4 97.2

227 63.8 31.8 95.4





#95

Naphthalene

Concen: 62.772 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

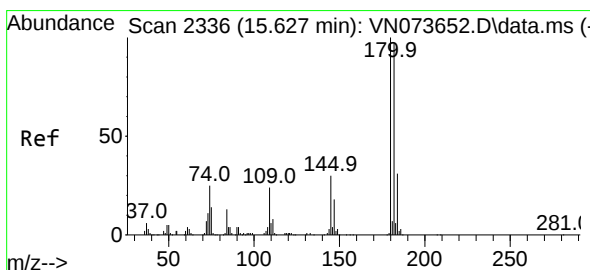
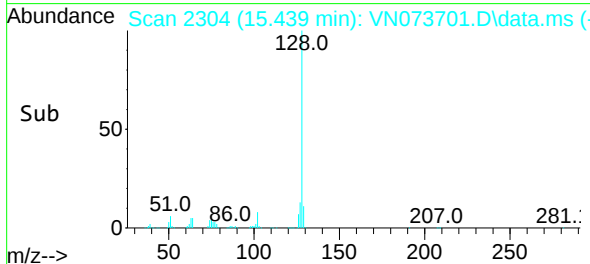
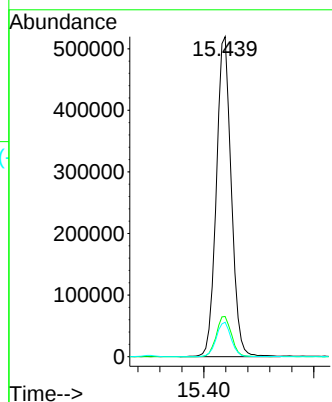
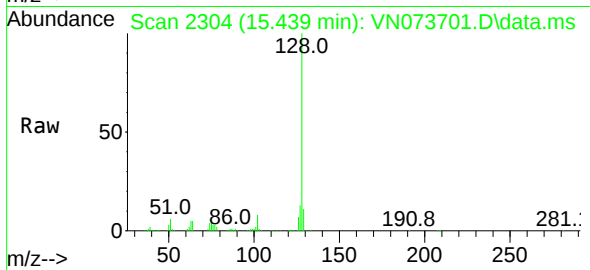
Tgt Ion:128 Resp: 978489

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.662 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VN073701.D

Acq: 02 Aug 2022 20:56

Tgt Ion:180 Resp: 291520

Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 29.5 15.5 46.5

