

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073411.D
 Acq On : 11 Jul 2022 11:41
 Operator : JC\MD
 Sample : VN0711WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

Quant Time: Jul 12 07:24:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	226988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	389368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	353529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	165735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	169214	51.640	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.280%	
35) Dibromofluoromethane	7.945	113	133372	51.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.960%	
50) Toluene-d8	10.374	98	459052	49.893	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	12.668	95	182958	51.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60298	18.170	ug/l	94
3) Chloromethane	2.269	50	55387	17.191	ug/l	99
4) Vinyl Chloride	2.410	62	49313	18.014	ug/l	99
5) Bromomethane	2.810	94	24551	18.988	ug/l	88
6) Chloroethane	2.975	64	30572	18.985	ug/l	98
7) Trichlorofluoromethane	3.322	101	90391	19.099	ug/l	95
8) Diethyl Ether	3.763	74	36738	19.069	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.151	101	51799	18.523	ug/l	97
10) Methyl Iodide	4.351	142	47989	15.581	ug/l	94
11) Tert butyl alcohol	5.281	59	67131	84.570	ug/l	100
12) 1,1-Dichloroethene	4.116	96	48317	18.082	ug/l	94
13) Acrolein	3.981	56	34680	69.121	ug/l	99
14) Allyl chloride	4.763	41	106741	18.962	ug/l #	92
15) Acrylonitrile	5.469	53	202158	98.931	ug/l	99
16) Acetone	4.222	43	185213	100.696	ug/l	93
17) Carbon Disulfide	4.457	76	115680	16.696	ug/l	97
18) Methyl Acetate	4.775	43	104863	20.344	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	188159	19.320	ug/l	97
20) Methylene Chloride	5.010	84	59433	18.386	ug/l #	83
21) trans-1,2-Dichloroethene	5.510	96	52516	18.809	ug/l	97
22) Diisopropyl ether	6.404	45	216324	20.594	ug/l #	94
23) Vinyl Acetate	6.351	43	899117	95.604	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	108456	19.952	ug/l	98
25) 2-Butanone	7.257	43	301008	102.789	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	87808	17.466	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	63140	18.674	ug/l	93
28) Bromochloromethane	7.580	49	53829	23.645	ug/l #	82
29) Tetrahydrofuran	7.604	42	203475	101.476	ug/l #	85
30) Chloroform	7.745	83	108483	19.815	ug/l	99
31) Cyclohexane	8.022	56	97027	18.080	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	91908	18.837	ug/l	98
36) 1,1-Dichloropropene	8.145	75	76671	19.235	ug/l	98
37) Ethyl Acetate	7.333	43	113171	18.790	ug/l	95
38) Carbon Tetrachloride	8.133	117	77468	18.793	ug/l	96
39) Methylcyclohexane	9.392	83	94660	19.075	ug/l	94
40) Benzene	8.386	78	240757	19.571	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	63610	21.777	ug/l #	81
42) 1,2-Dichloroethane	8.457	62	86836	19.473	ug/l	100
43) Isopropyl Acetate	8.492	43	172871	19.972	ug/l #	92
44) Trichloroethene	9.145	130	58209	18.594	ug/l	96
45) 1,2-Dichloropropane	9.427	63	62046	19.789	ug/l	97
46) Dibromomethane	9.510	93	41762	19.617	ug/l	93
47) Bromodichloromethane	9.698	83	83636	20.284	ug/l	98
48) Methyl methacrylate	9.498	41	75113	18.742	ug/l	89
49) 1,4-Dioxane	9.504	88	29574	388.711	ug/l #	96
51) 4-Methyl-2-Pentanone	10.269	43	578514	105.393	ug/l	91
52) Toluene	10.439	92	146047	19.211	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	86364	19.026	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	95233	19.433	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	61610	19.685	ug/l	96
56) Ethyl methacrylate	10.698	69	93869	18.556	ug/l #	87
57) 1,3-Dichloropropane	10.980	76	104849	19.542	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	216241	95.848	ug/l	95
59) 2-Hexanone	11.021	43	428707	102.459	ug/l	88
60) Dibromochloromethane	11.174	129	59920	20.081	ug/l	97
61) 1,2-Dibromoethane	11.286	107	62236	19.908	ug/l	96
64) Tetrachloroethene	10.916	164	53021	18.367	ug/l	97
65) Chlorobenzene	11.710	112	150574	18.832	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	56158	19.095	ug/l	99
67) Ethyl Benzene	11.786	91	277397	19.110	ug/l	97
68) m/p-Xylenes	11.892	106	211281	38.568	ug/l	95
69) o-Xylene	12.215	106	105460	18.857	ug/l	97
70) Styrene	12.233	104	167416	19.390	ug/l	99
71) Bromoform	12.392	173	43514	20.221	ug/l #	98
73) Isopropylbenzene	12.515	105	272082	19.011	ug/l	100
74) N-amyl acetate	12.327	43	121930	17.014	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	92667	19.512	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	122009	28.154	ug/l #	1
77) Bromobenzene	12.798	156	61802	18.573	ug/l	86
78) n-propylbenzene	12.857	91	313931	19.745	ug/l	97
79) 2-Chlorotoluene	12.945	91	191713	19.052	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	228764	19.611	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	27480	17.390	ug/l	90
82) 4-Chlorotoluene	13.045	91	188155	19.314	ug/l	97
83) tert-Butylbenzene	13.262	119	200903	19.210	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	229018	19.664	ug/l	96
85) sec-Butylbenzene	13.439	105	278546	19.835	ug/l	98
86) p-Isopropyltoluene	13.557	119	225439	19.873	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	112162	18.789	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	112479	18.806	ug/l	98
89) n-Butylbenzene	13.880	91	180958	19.143	ug/l	99
90) Hexachloroethane	14.145	117	41575	19.665	ug/l	83
91) 1,2-Dichlorobenzene	13.921	146	116572	19.170	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20886	18.094	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	57541	18.173	ug/l	98
94) Hexachlorobutadiene	15.298	225	26622	18.914	ug/l	96
95) Naphthalene	15.433	128	212788	16.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	60186	18.427	ug/l	97

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Response via : Initial Calibration

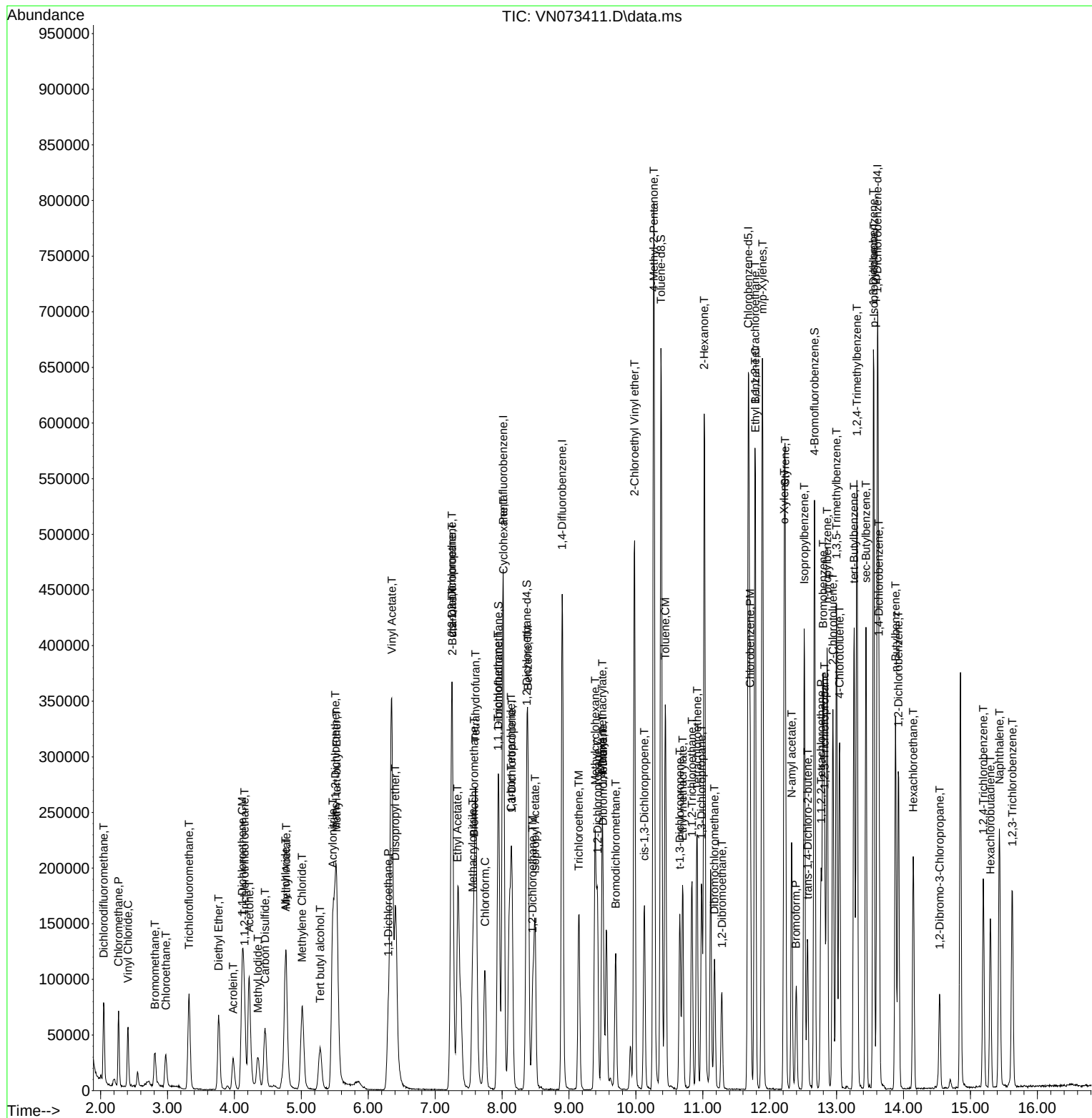
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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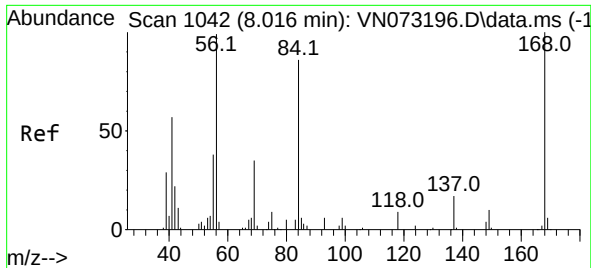
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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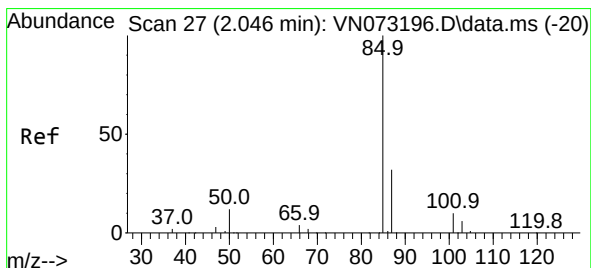
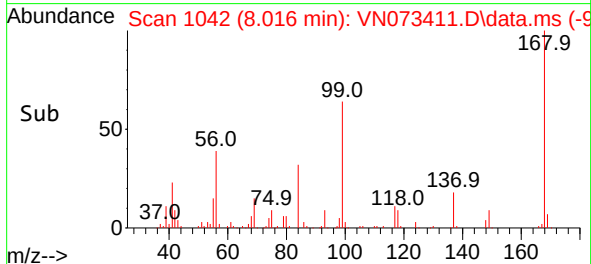
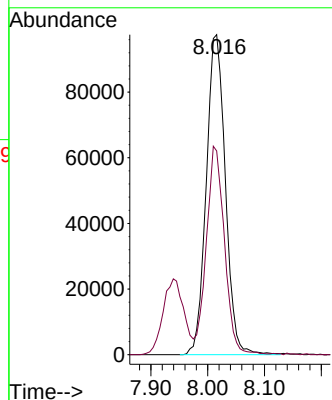
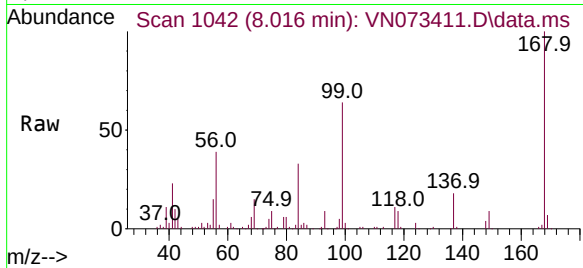




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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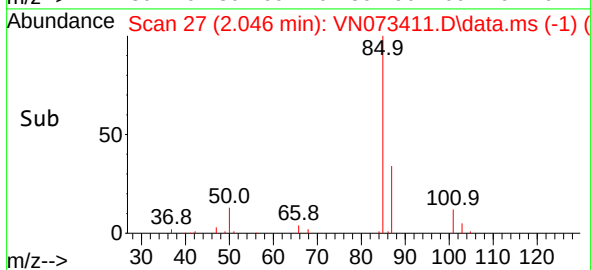
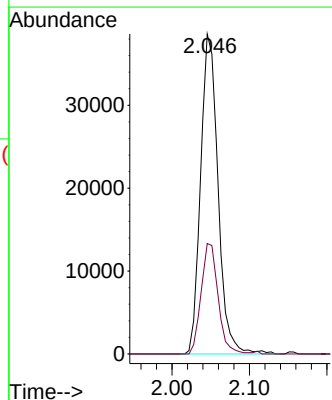
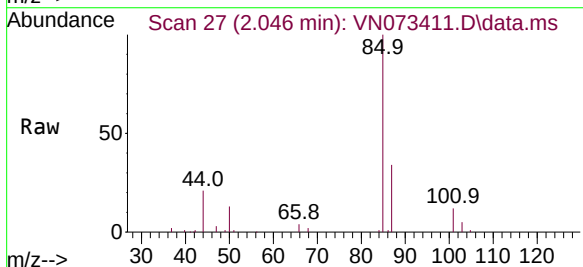
Instrument :
MSVOA_N
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VN0711WBS01

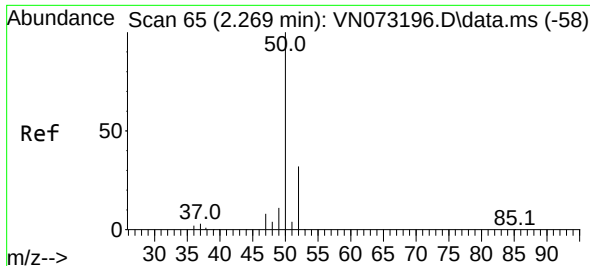
Tgt Ion:168 Resp: 226988
Ion Ratio Lower Upper
168 100
99 63.3 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 18.170 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 85 Resp: 60298
Ion Ratio Lower Upper
85 100
87 34.5 15.7 47.1

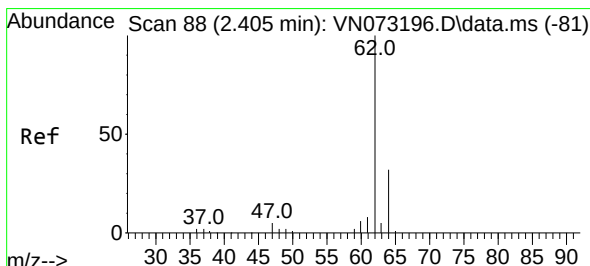
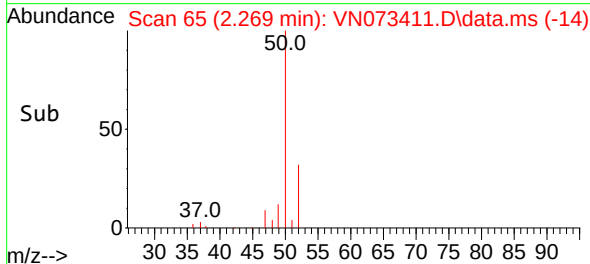
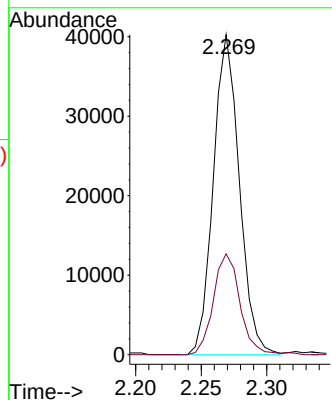
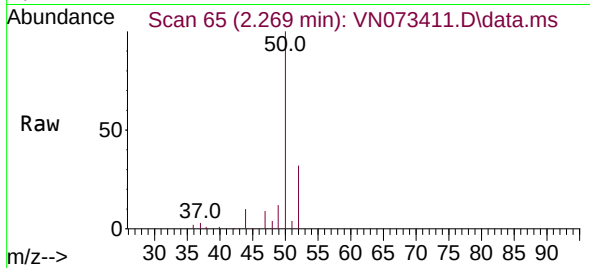




#3
Chloromethane
Concen: 17.191 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

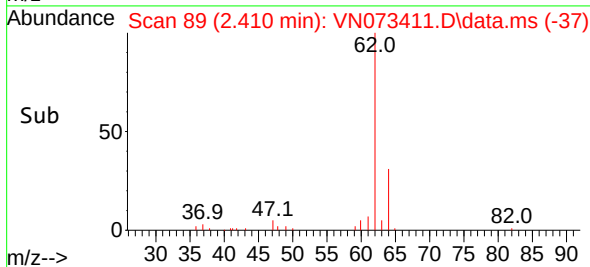
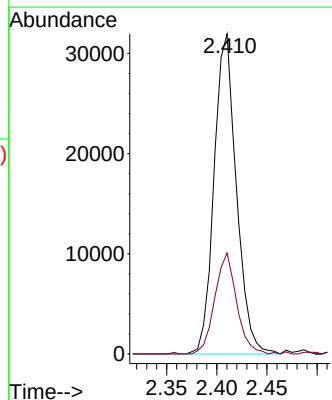
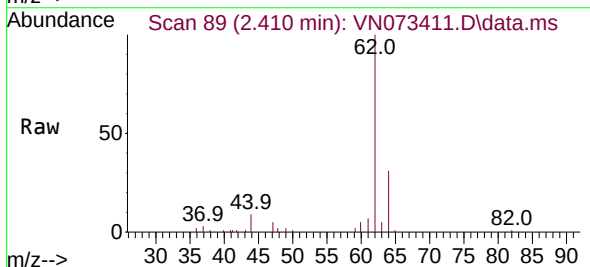
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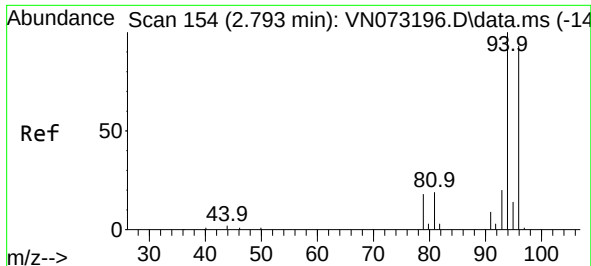
Tgt Ion: 50 Resp: 55387
Ion Ratio Lower Upper
50 100
52 31.5 25.7 38.5



#4
Vinyl Chloride
Concen: 18.014 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.005 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 62 Resp: 49313
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4

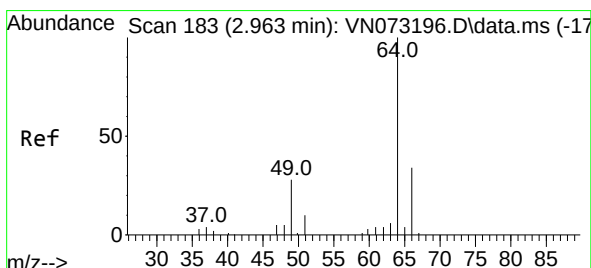
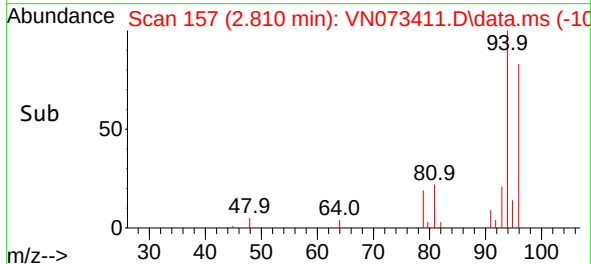
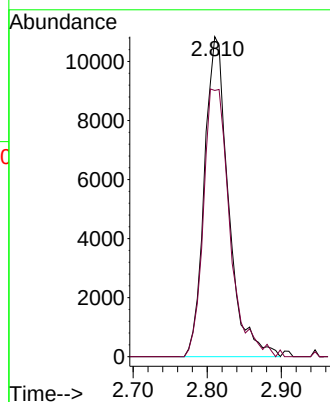
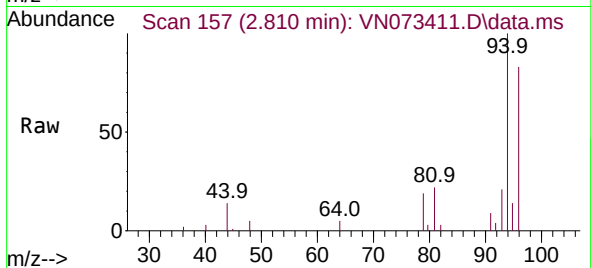




#5
Bromomethane
Concen: 18.988 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN073411.D
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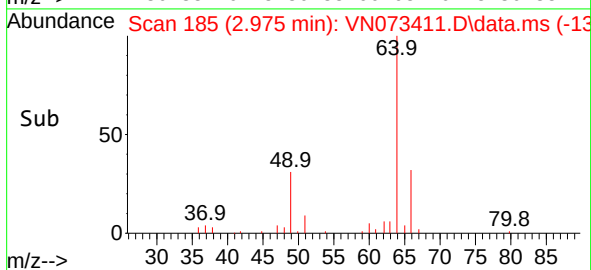
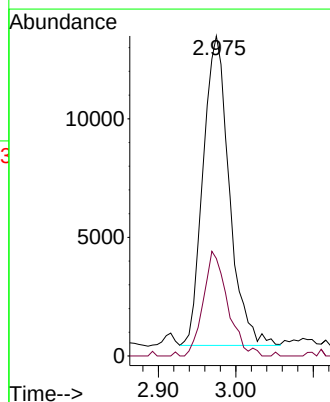
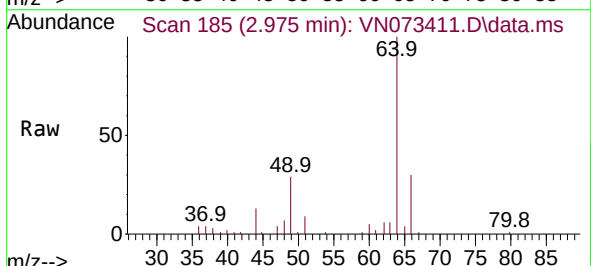
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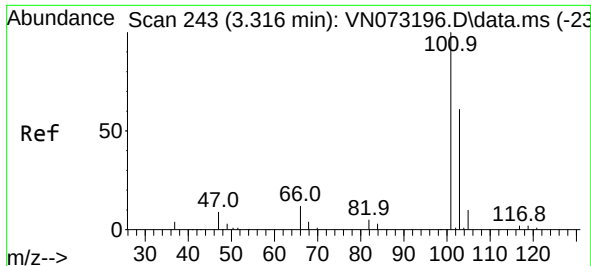
Tgt Ion: 94 Resp: 24551
Ion Ratio Lower Upper
94 100
96 83.2 76.0 114.0



#6
Chloroethane
Concen: 18.985 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.012 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 64 Resp: 30572
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4

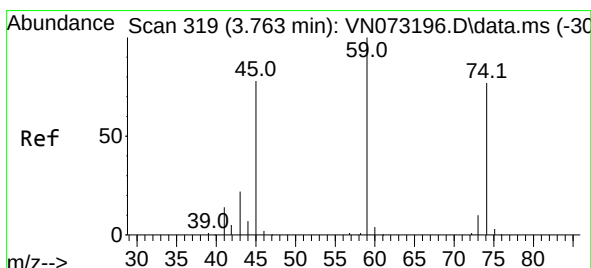
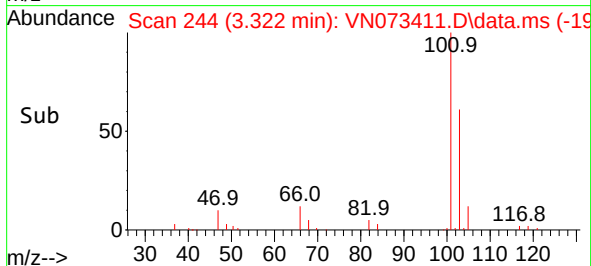
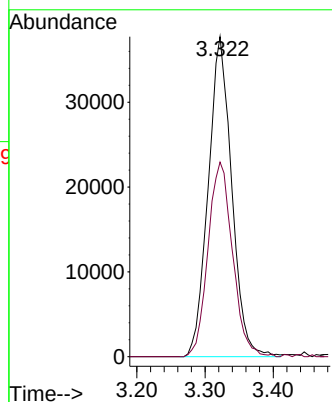
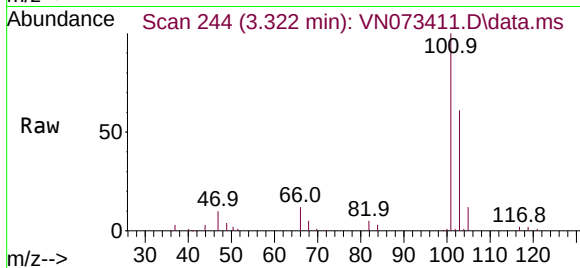




#7
 Trichlorofluoromethane
 Concen: 19.099 ug/l
 RT: 3.322 min Scan# 243
 Delta R.T. 0.006 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

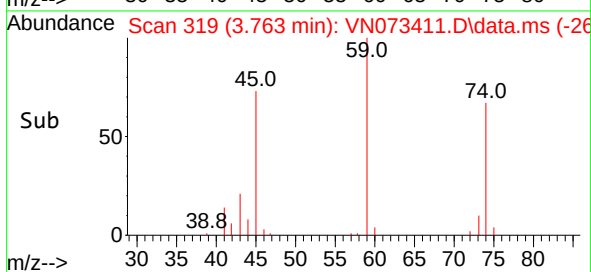
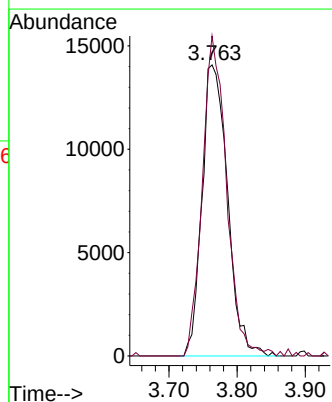
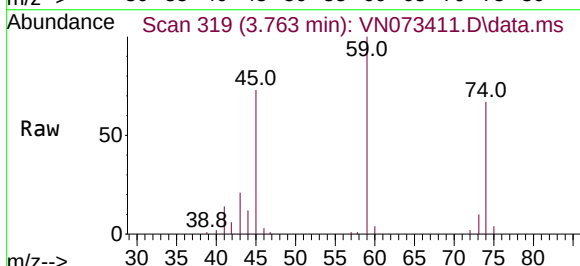
Instrument :
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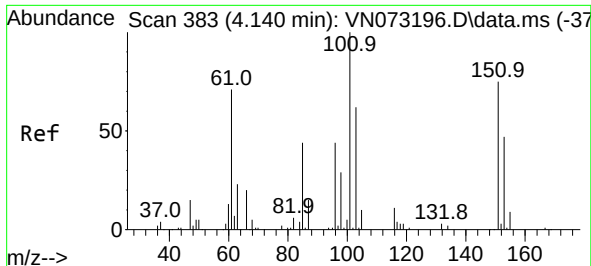
Tgt Ion:101 Resp: 90391
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 19.069 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073411.D
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Tgt Ion: 74 Resp: 36738
 Ion Ratio Lower Upper
 74 100
 45 104.1 42.9 128.5

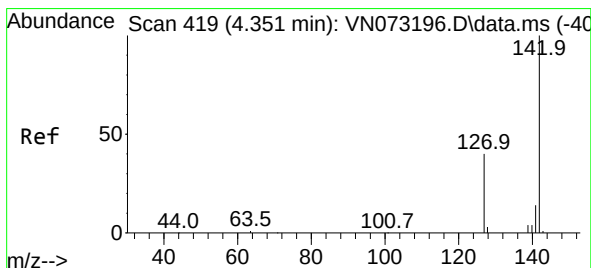
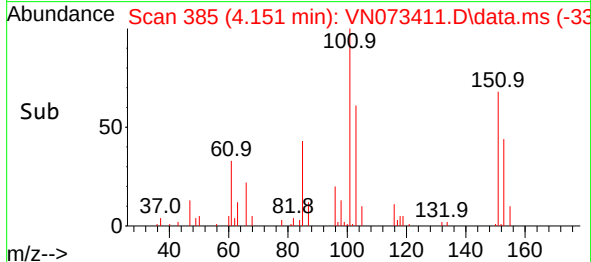
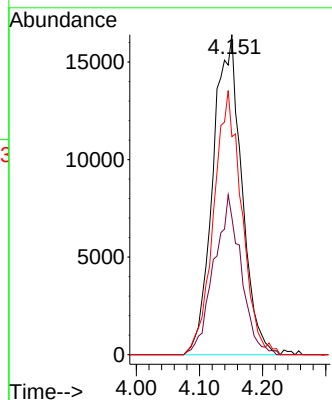
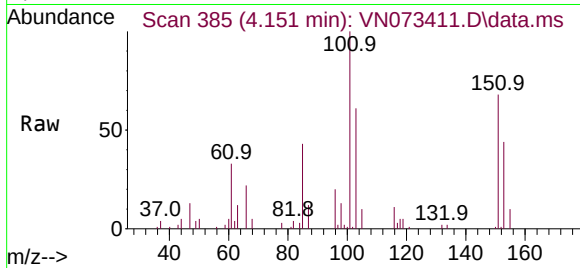




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.523 ug/l
RT: 4.151 min Scan# 385
Delta R.T. 0.011 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

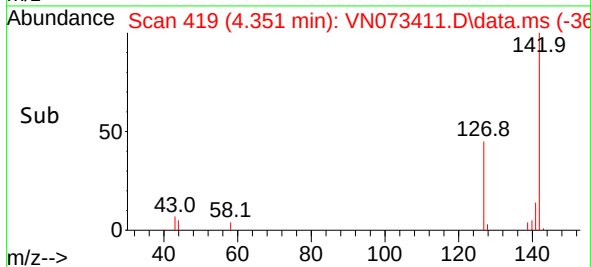
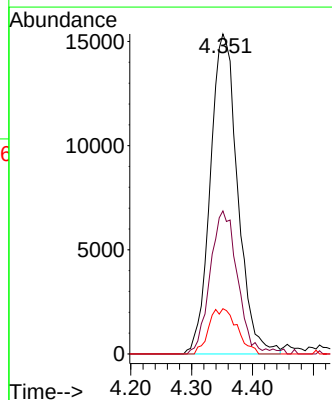
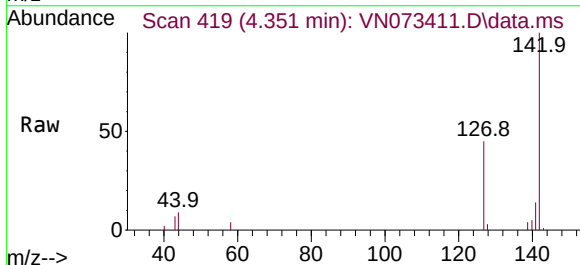
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

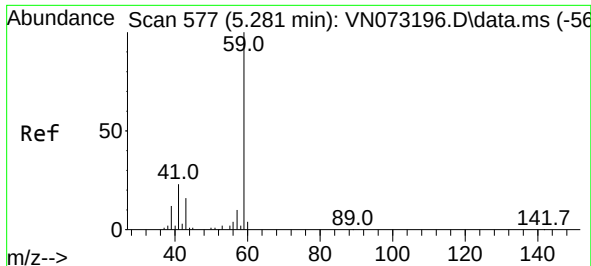
Tgt Ion:101 Resp: 51799
Ion Ratio Lower Upper
101 100
85 47.1 34.7 52.1
151 80.5 63.0 94.4



#10
Methyl Iodide
Concen: 15.581 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion:142 Resp: 47989
Ion Ratio Lower Upper
142 100
127 44.1 31.3 46.9
141 14.6 11.2 16.8

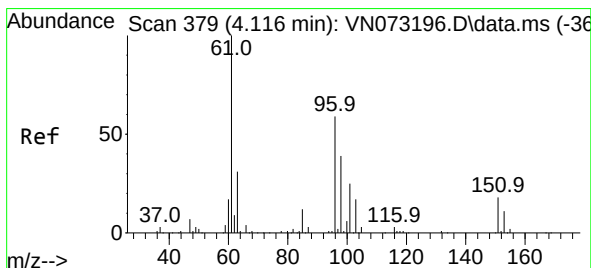
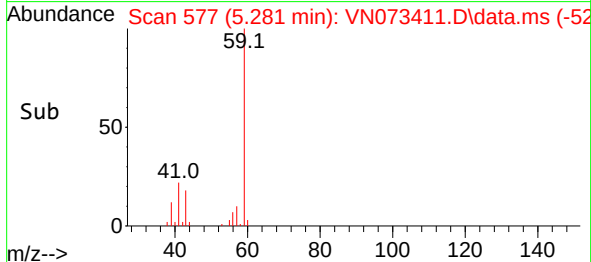
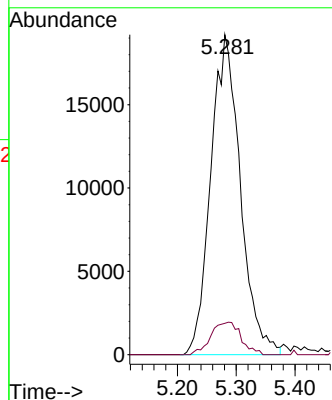
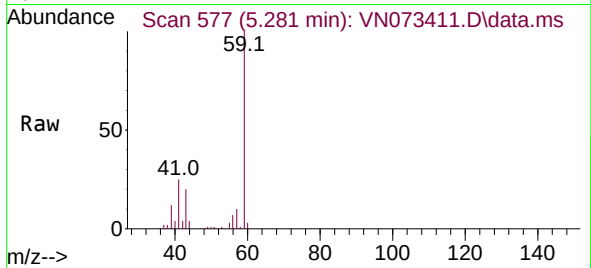




#11
Tert butyl alcohol
Concen: 84.570 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

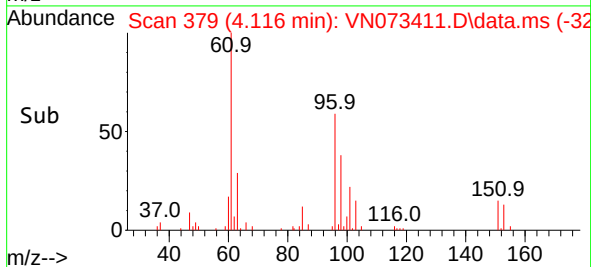
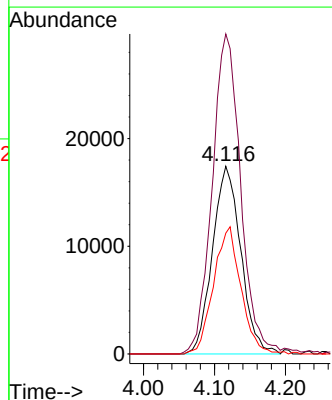
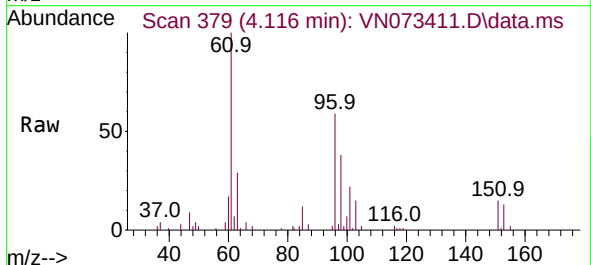
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

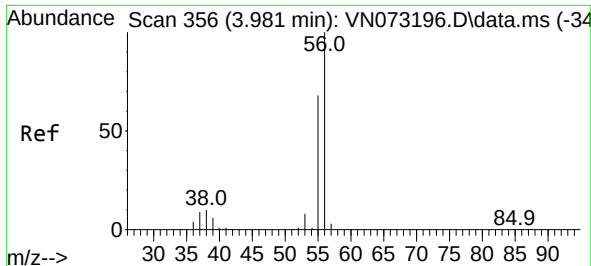
Tgt Ion: 59 Resp: 67131
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 18.082 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 96 Resp: 48317
Ion Ratio Lower Upper
96 100
61 170.5 127.6 191.4
98 64.4 51.2 76.8

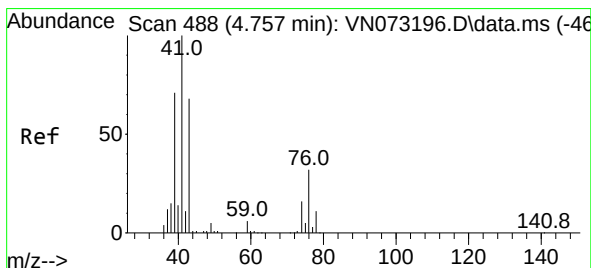
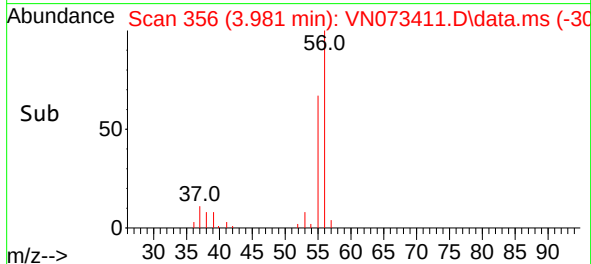
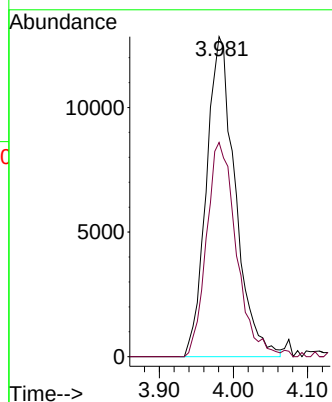
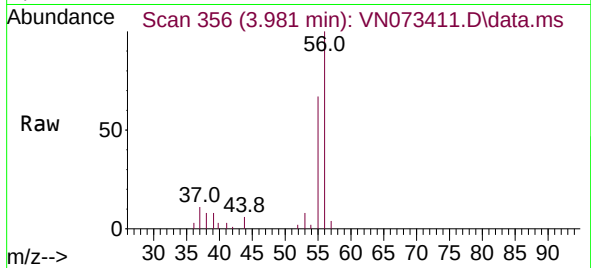




#13
Acrolein
Concen: 69.121 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

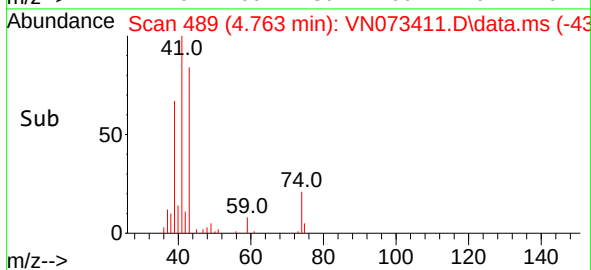
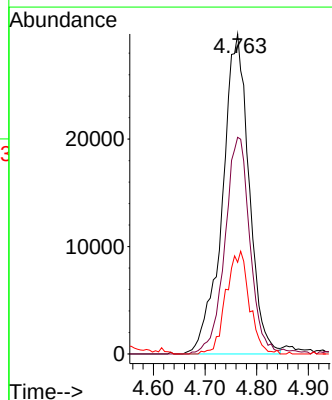
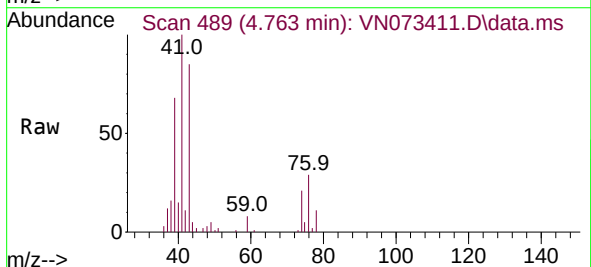
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

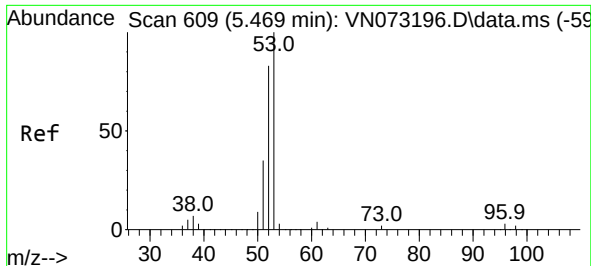
Tgt Ion: 56 Resp: 34680
Ion Ratio Lower Upper
56 100
55 69.1 54.8 82.2



#14
Allyl chloride
Concen: 18.962 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 41 Resp: 106741
Ion Ratio Lower Upper
41 100
39 63.2 53.2 79.8
76 28.1 29.9 44.9#

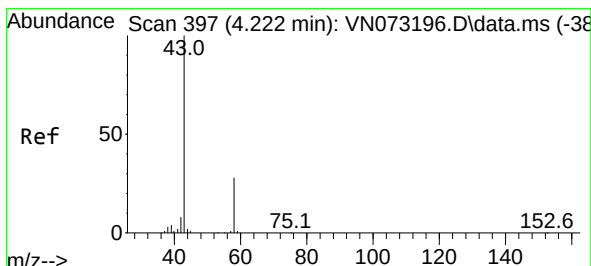
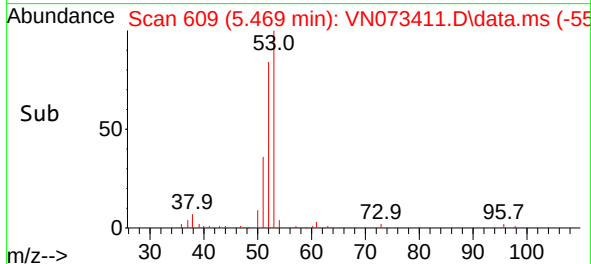
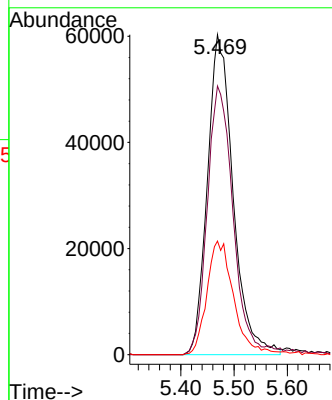
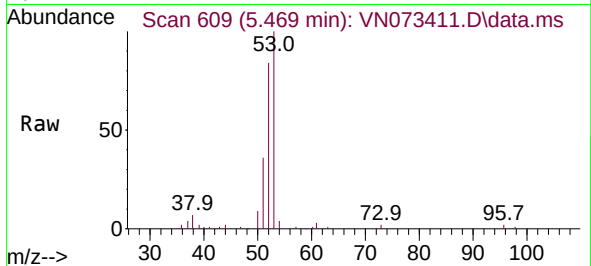




#15
Acrylonitrile
Concen: 98.931 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

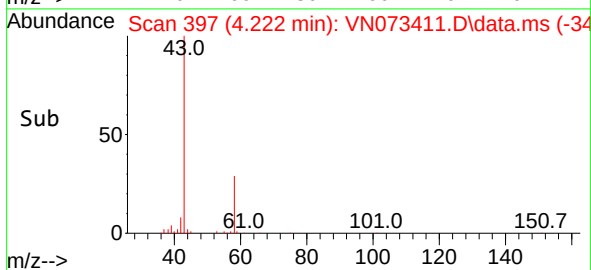
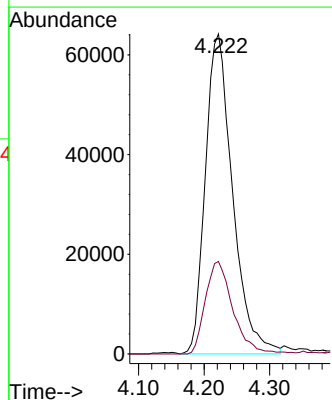
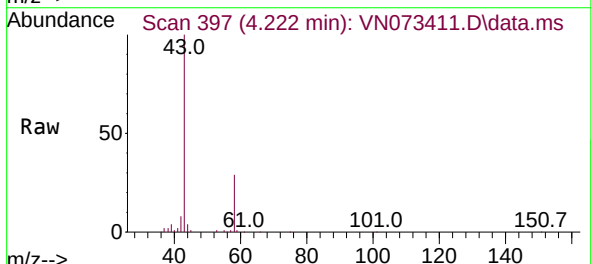
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

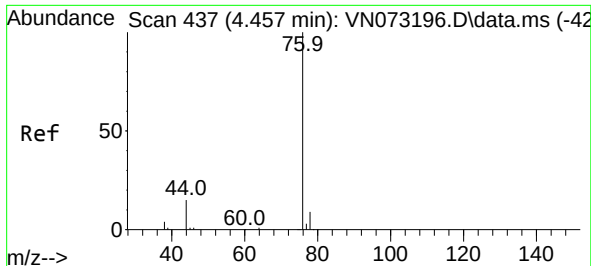
Tgt Ion: 53 Resp: 202158
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 37.1 28.5 42.7



#16
Acetone
Concen: 100.696 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 43 Resp: 185213
Ion Ratio Lower Upper
43 100
58 28.5 26.0 39.0

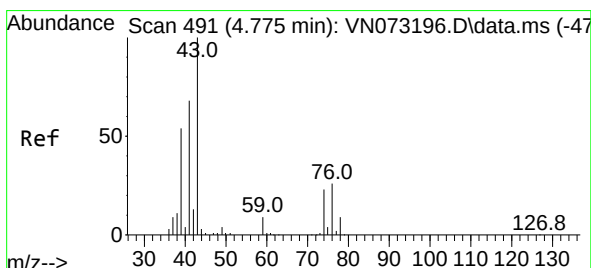
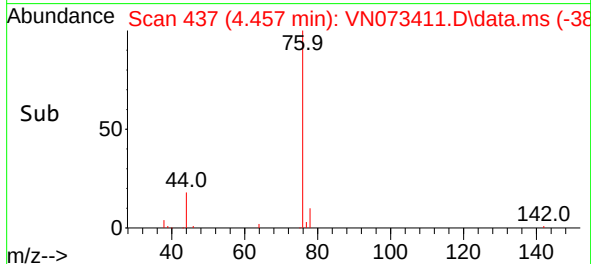
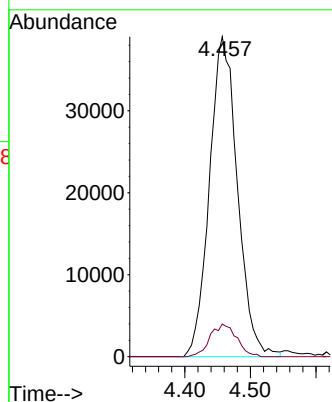
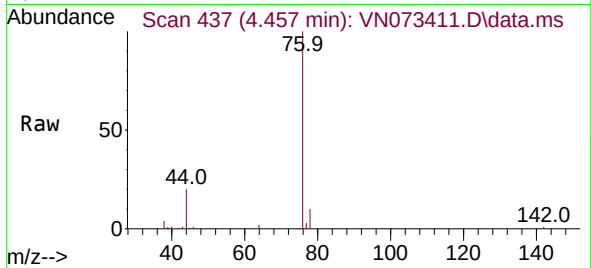




#17
Carbon Disulfide
Concen: 16.696 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

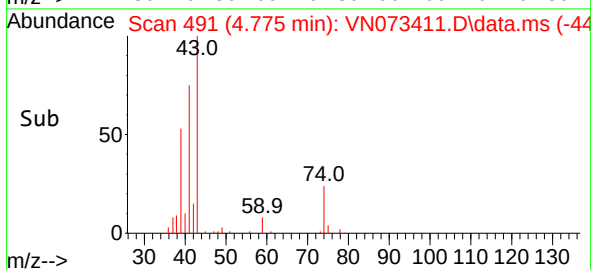
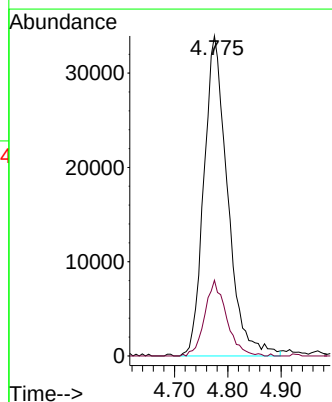
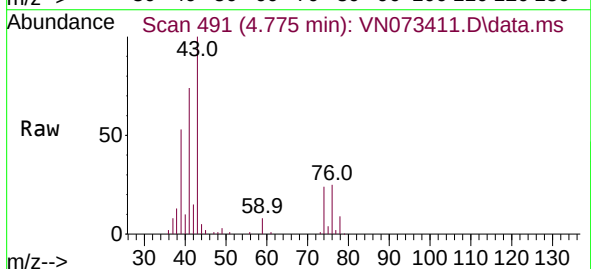
Instrument :
MSVOA_N
ClientSampleId :
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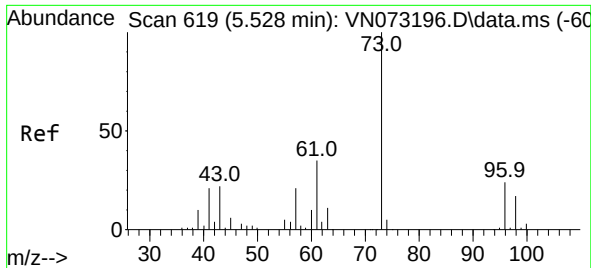
Tgt Ion: 76 Resp: 115680
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 20.344 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 43 Resp: 104863
Ion Ratio Lower Upper
43 100
74 21.7 21.6 32.4

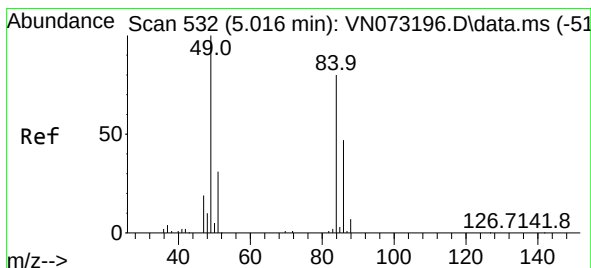
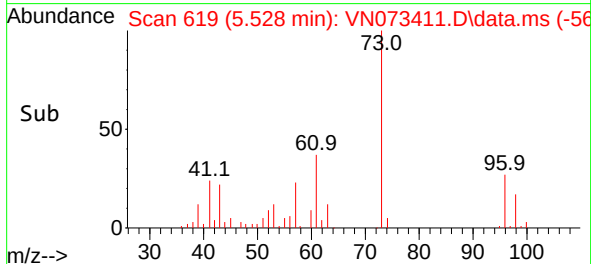
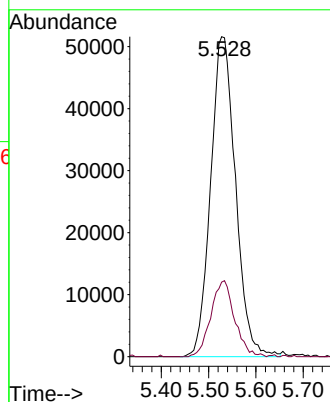
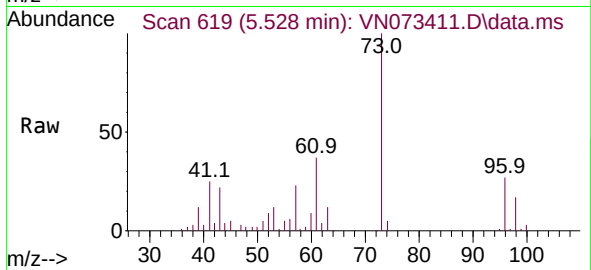




#19
Methyl tert-butyl Ether
Concen: 19.320 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

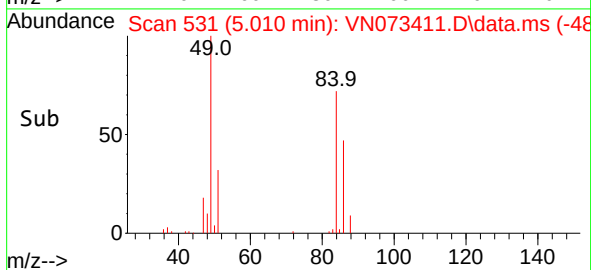
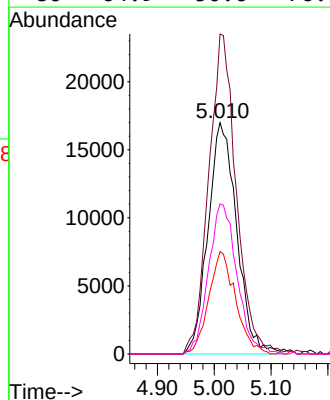
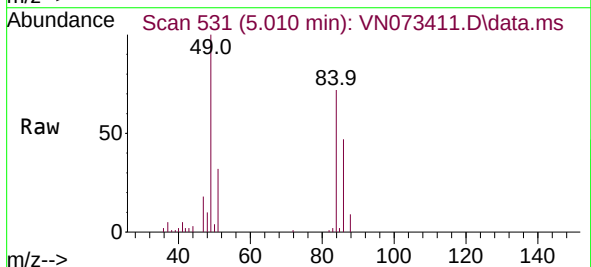
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

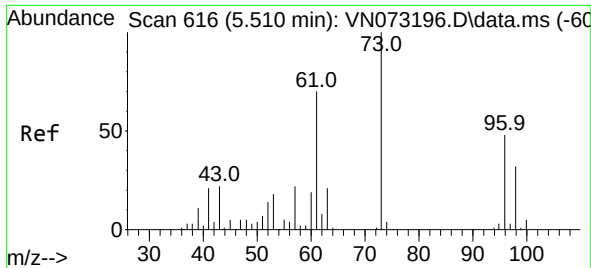
Tgt Ion: 73 Resp: 188159
Ion Ratio Lower Upper
73 100
57 23.3 17.6 26.4



#20
Methylene Chloride
Concen: 18.386 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 84 Resp: 59433
Ion Ratio Lower Upper
84 100
49 138.4 88.3 132.5#
51 44.3 28.2 42.2#
86 64.9 50.6 76.0

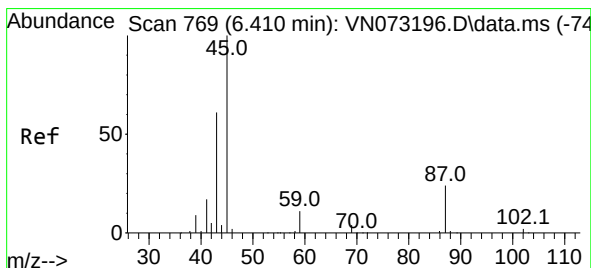
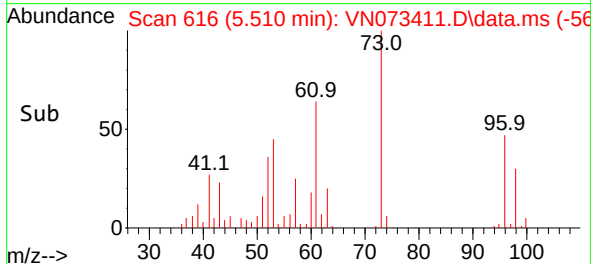
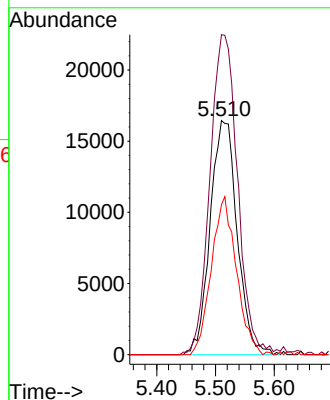
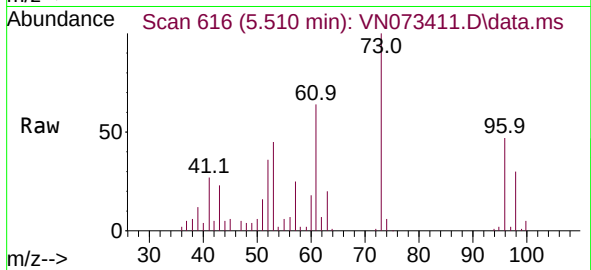




#21
trans-1,2-Dichloroethene
Concen: 18.809 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

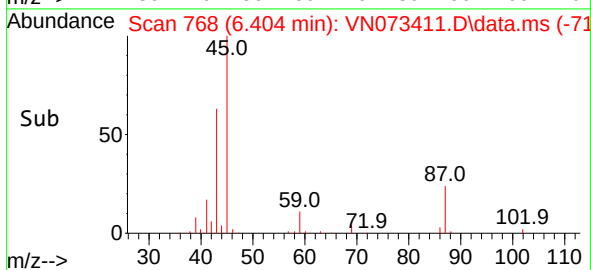
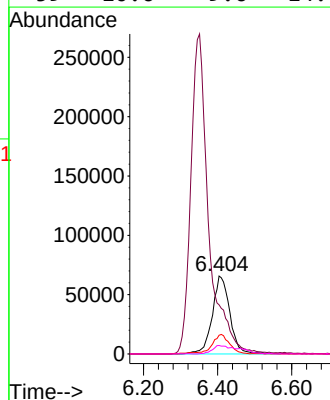
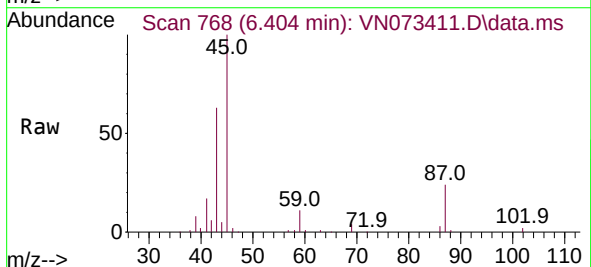
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

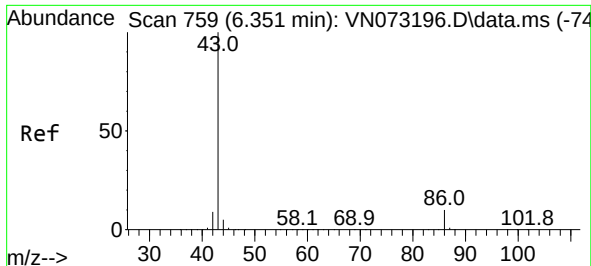
Tgt Ion: 96 Resp: 52516
Ion Ratio Lower Upper
96 100
61 136.7 105.8 158.8
98 64.0 50.3 75.5



#22
Diisopropyl ether
Concen: 20.594 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 45 Resp: 216324
Ion Ratio Lower Upper
45 100
43 61.3 46.6 70.0
87 24.1 24.3 36.5#
59 10.6 9.6 14.4

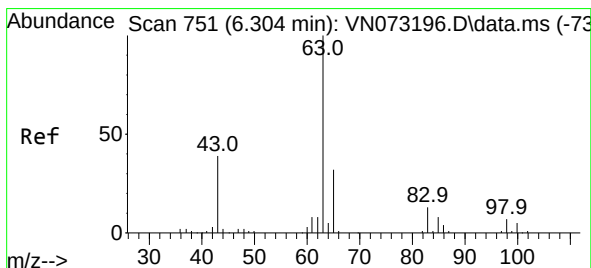
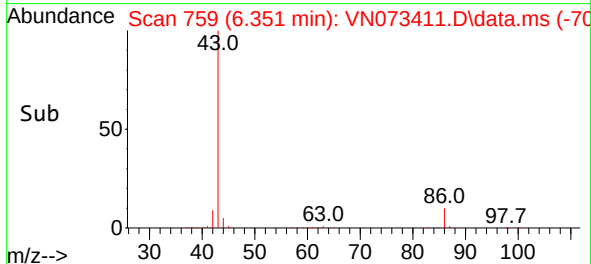
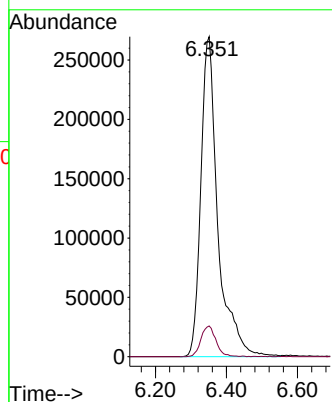
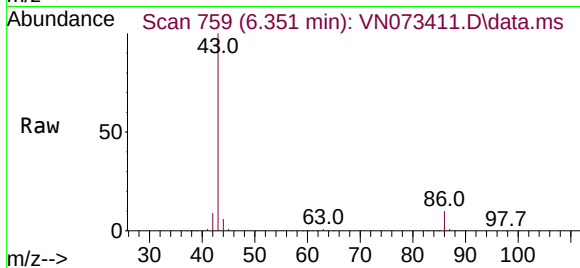




#23
 Vinyl Acetate
 Concen: 95.604 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

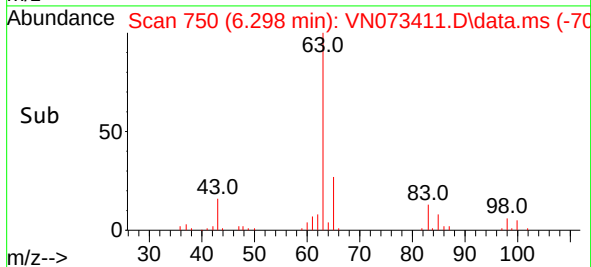
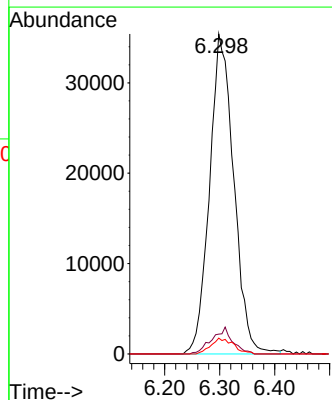
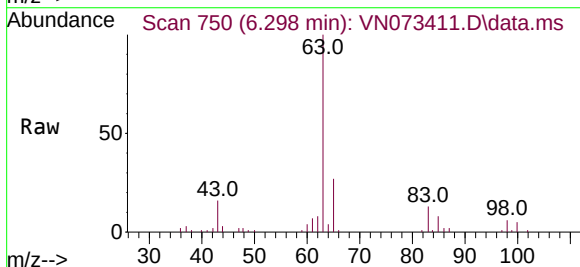
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

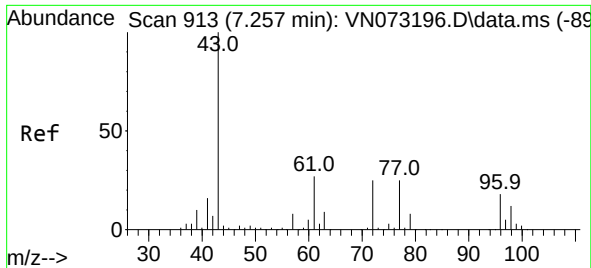
Tgt Ion: 43 Resp: 899117
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 19.952 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

Tgt Ion: 63 Resp: 108456
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 5.0 2.3 6.8

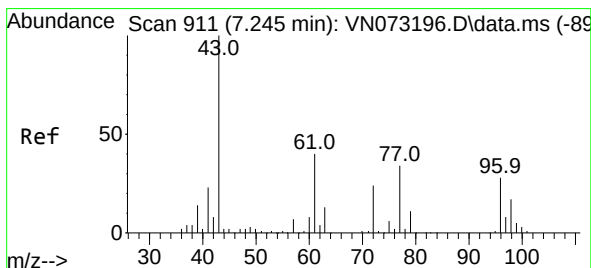
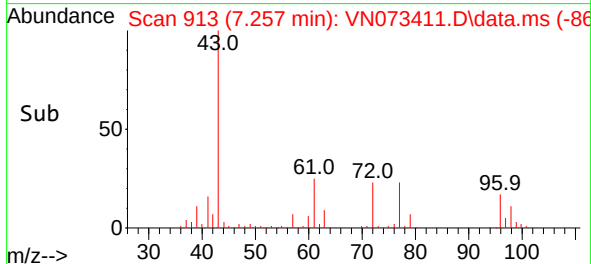
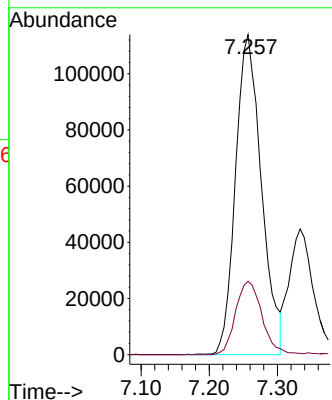
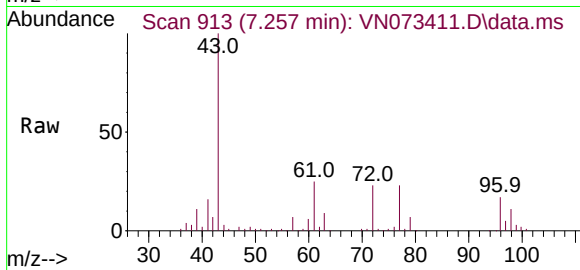




#25
2-Butanone
Concen: 102.789 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

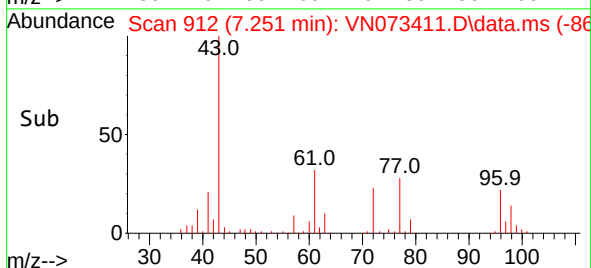
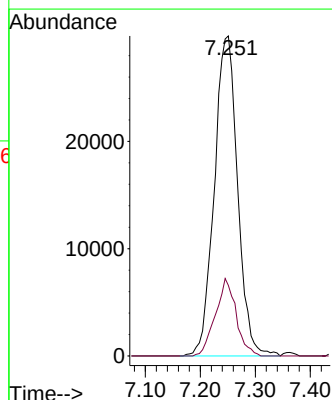
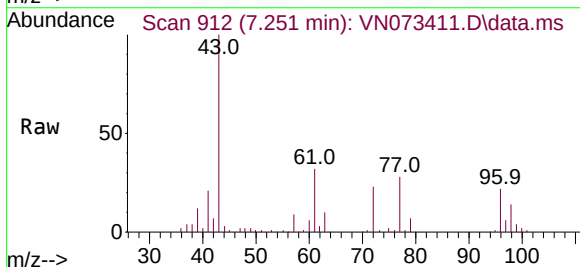
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ClientSampleId :
VN0711WBS01

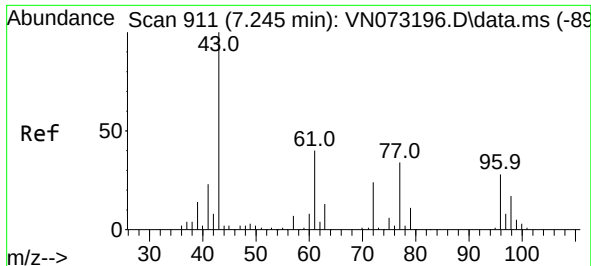
Tgt Ion: 43 Resp: 301008
Ion Ratio Lower Upper
43 100
72 23.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 17.466 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 77 Resp: 87808
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.2

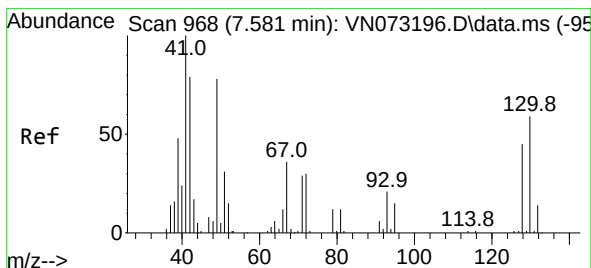
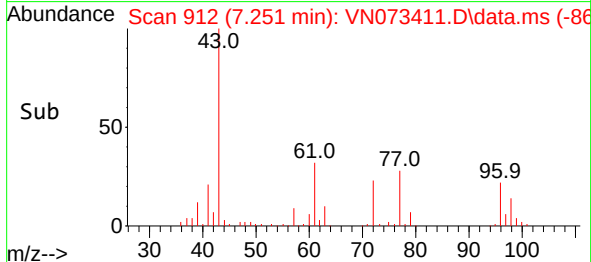
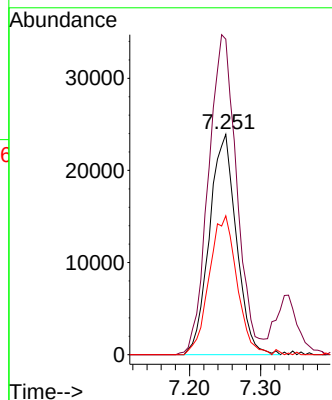
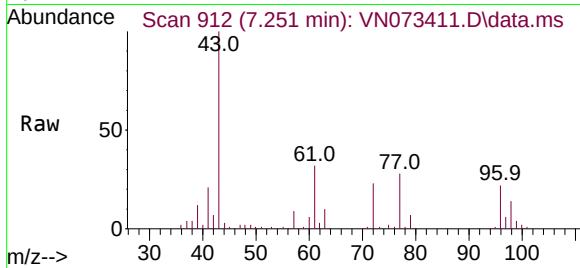




#27
 cis-1,2-Dichloroethene
 Concen: 18.674 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

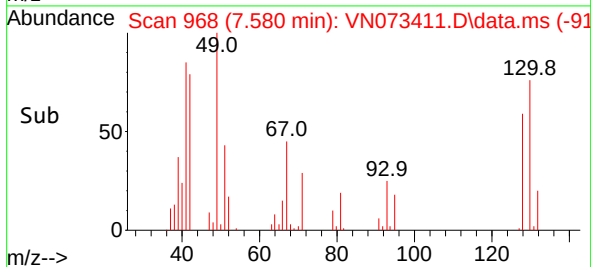
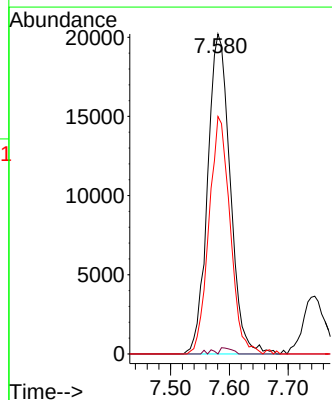
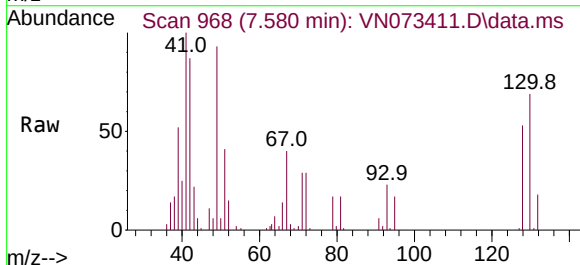
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

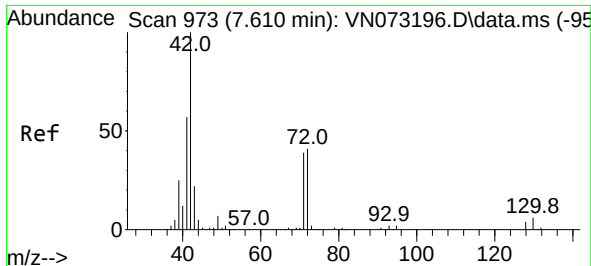
Tgt Ion: 96 Resp: 63140
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 280.6
 98 64.7 0.0 128.4



#28
 Bromochloromethane
 Concen: 23.645 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.001 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

Tgt Ion: 49 Resp: 53829
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.6
 130 69.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 101.476 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

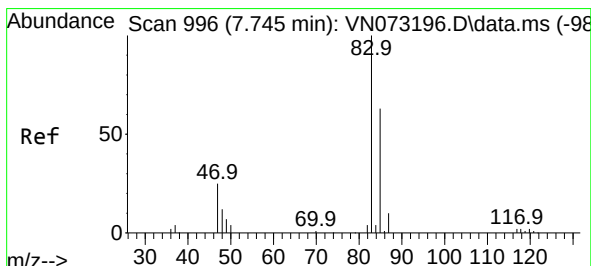
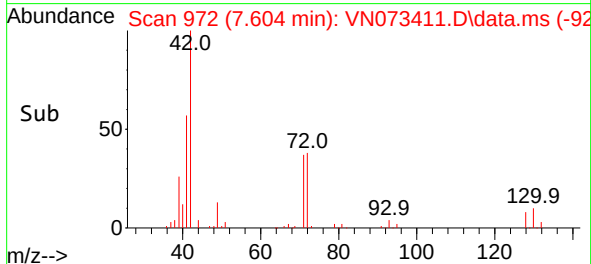
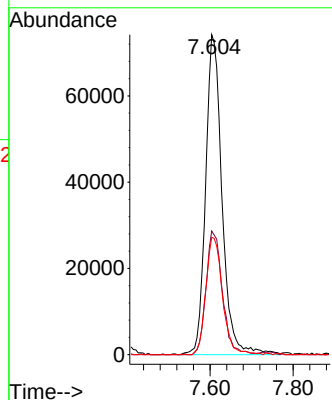
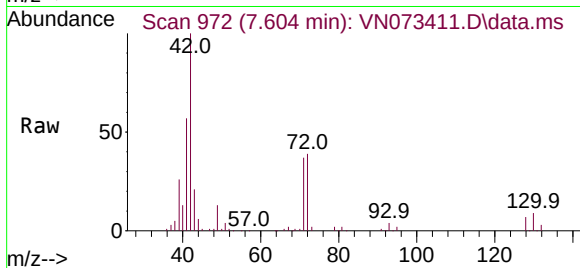
Tgt Ion: 42 Resp: 203475

Ion Ratio Lower Upper

42 100

72 38.4 39.7 59.5#

71 37.3 36.6 55.0



#30

Chloroform

Concen: 19.815 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073411.D

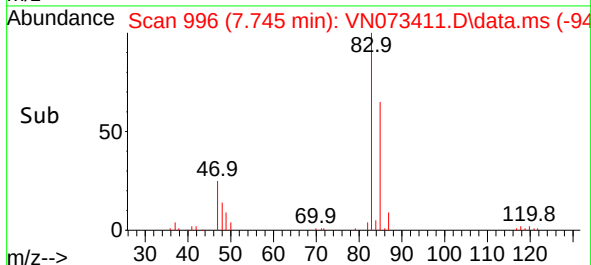
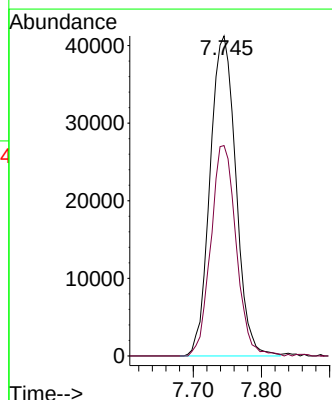
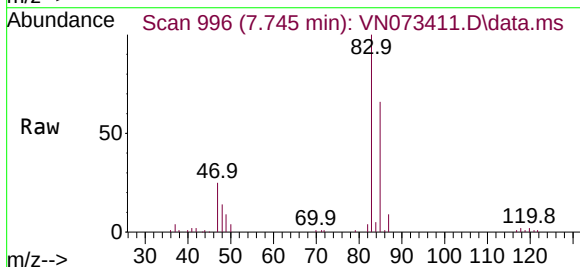
Acq: 11 Jul 2022 11:41

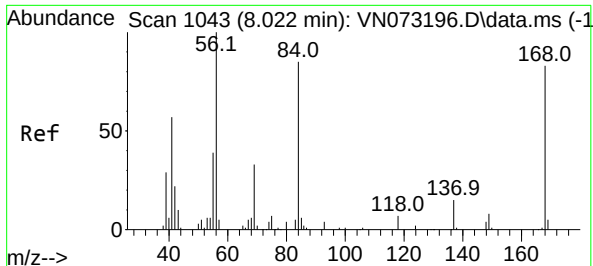
Tgt Ion: 83 Resp: 108483

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8

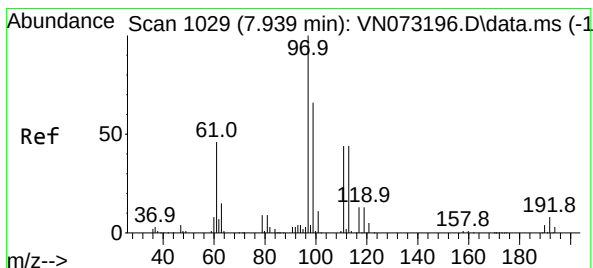
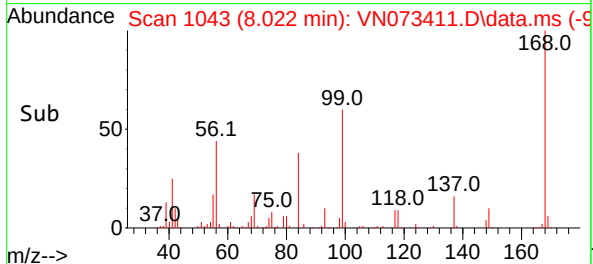
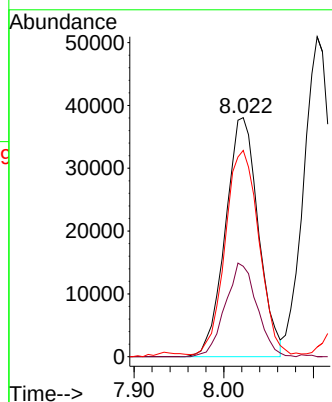
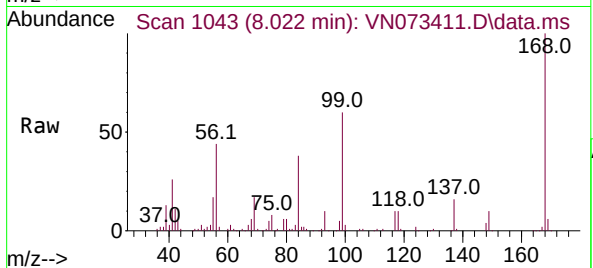




#31
Cyclohexane
Concen: 18.080 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

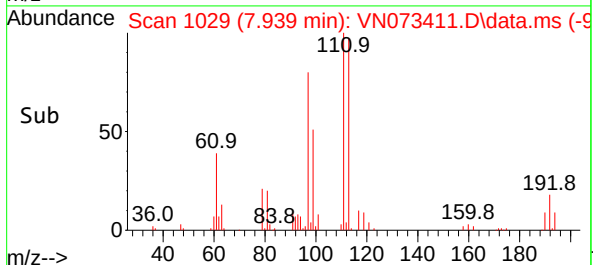
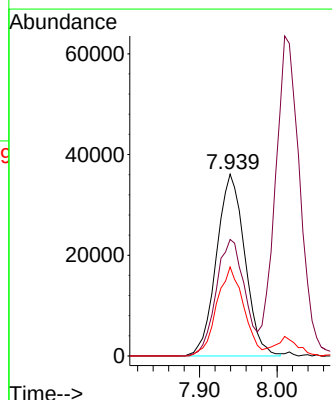
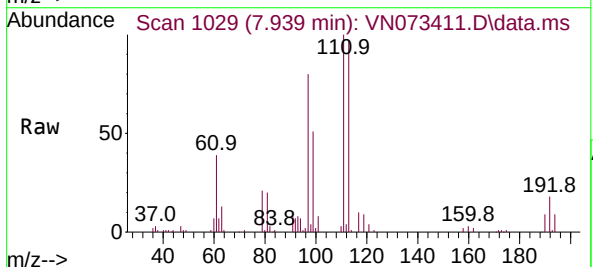
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

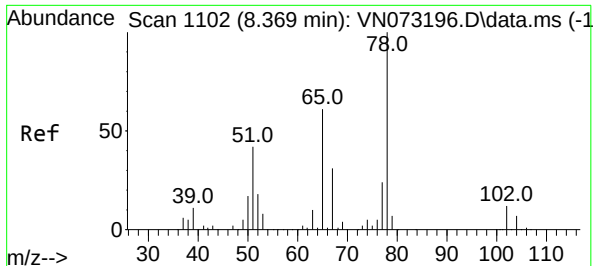
Tgt Ion: 56 Resp: 97027
Ion Ratio Lower Upper
56 100
69 37.1 27.8 41.8
84 85.0 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 18.837 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 97 Resp: 91908
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 46.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.640 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

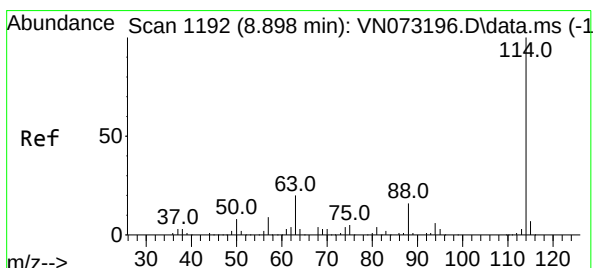
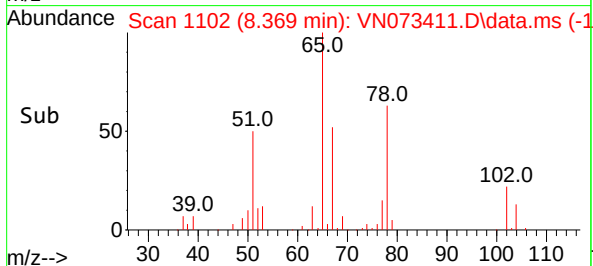
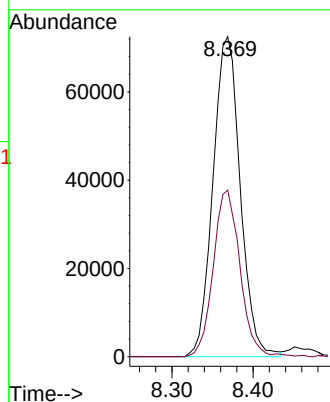
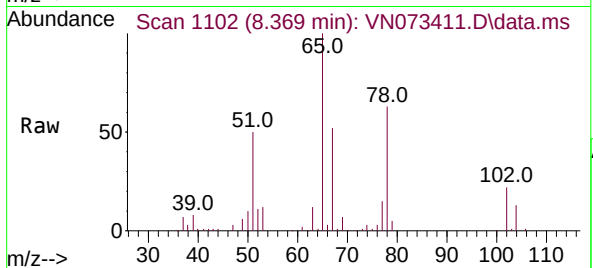
VN0711WBS01

Tgt Ion: 65 Resp: 169214

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

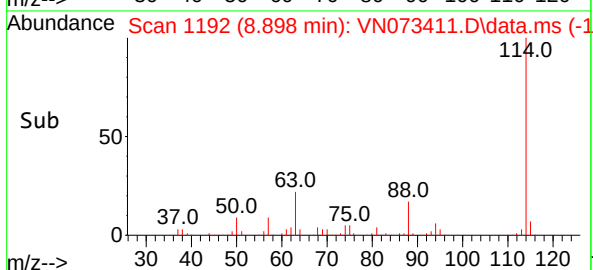
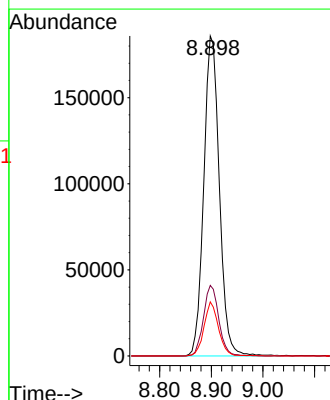
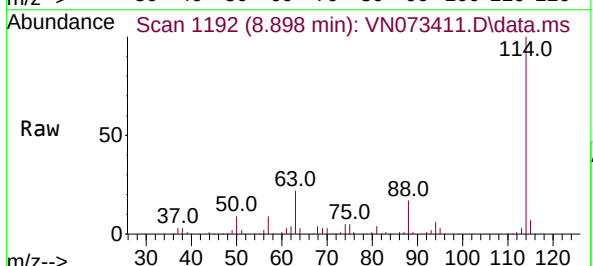
Tgt Ion: 114 Resp: 389368

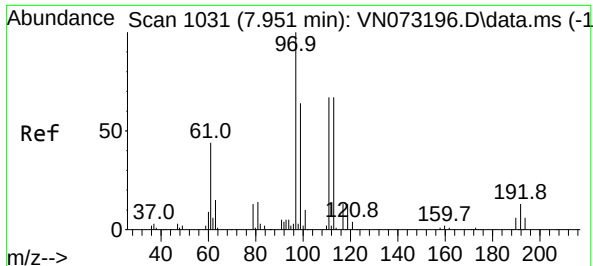
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 16.9 0.0 32.6

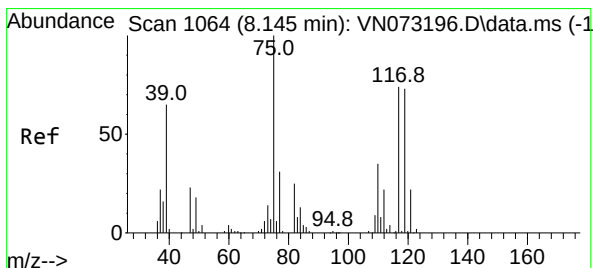
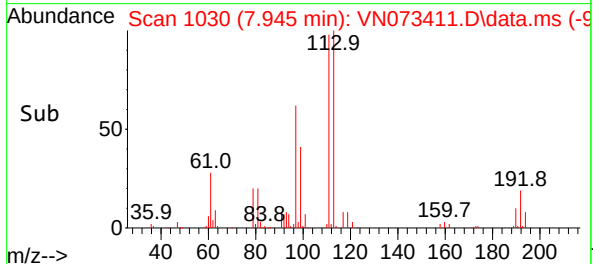
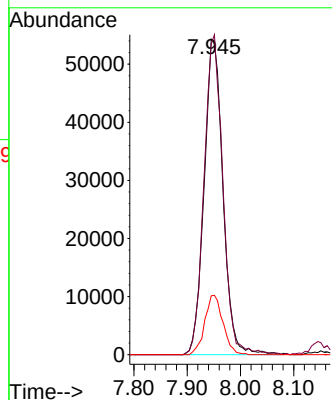
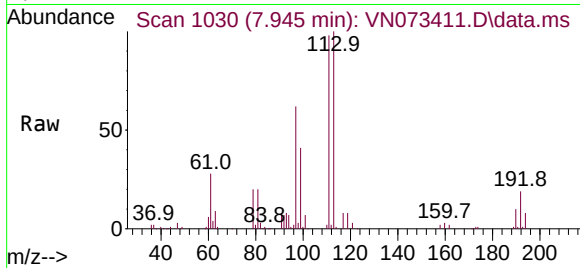




#35
Dibromofluoromethane
Concen: 51.485 ug/l
RT: 7.945 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

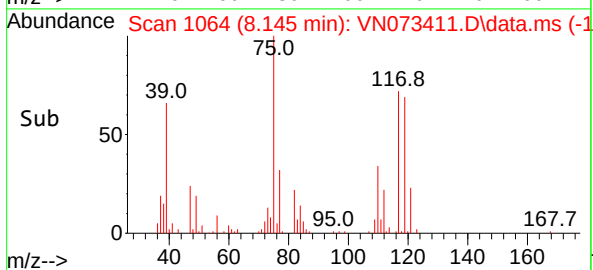
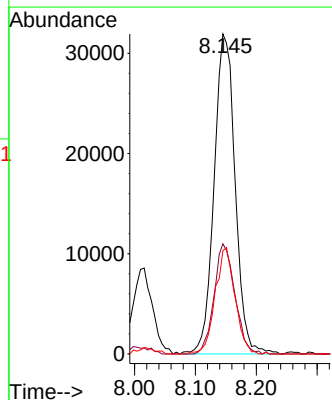
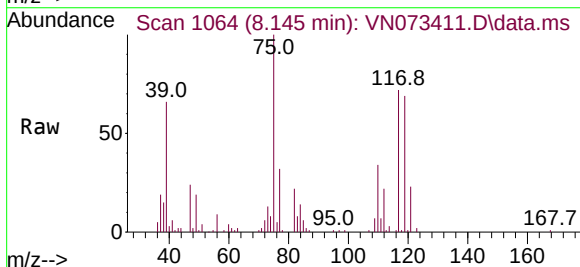
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

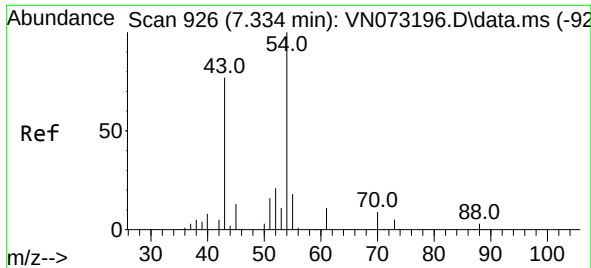
Tgt Ion:113 Resp: 133372
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 18.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 19.235 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 75 Resp: 76671
Ion Ratio Lower Upper
75 100
110 34.0 18.3 54.8
77 31.3 25.1 37.7

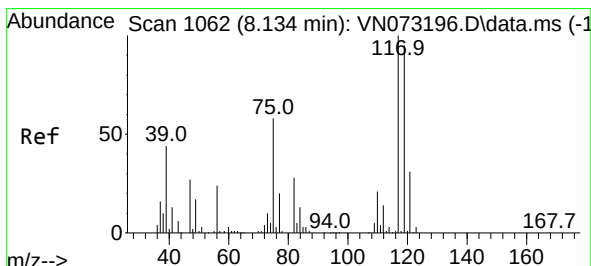
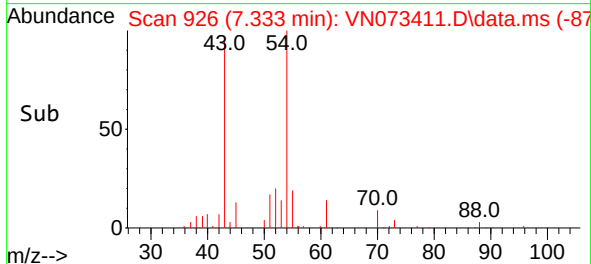
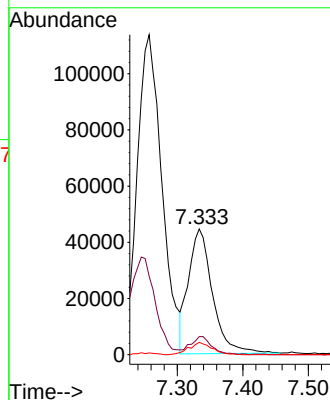
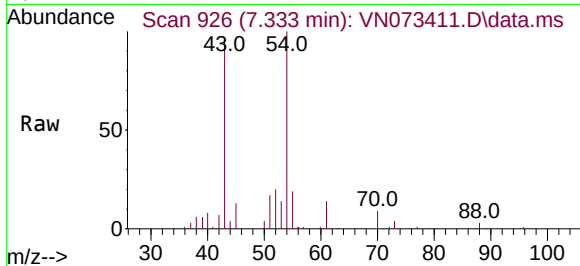




#37
Ethyl Acetate
Concen: 18.790 ug/l
RT: 7.333 min Scan# 911
Delta R.T. -0.001 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

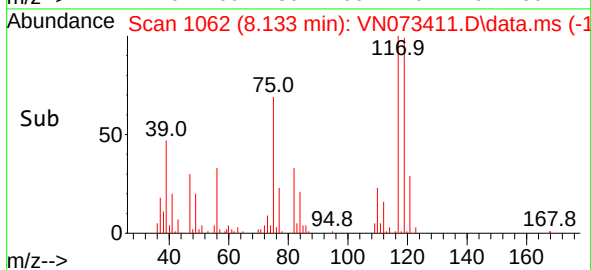
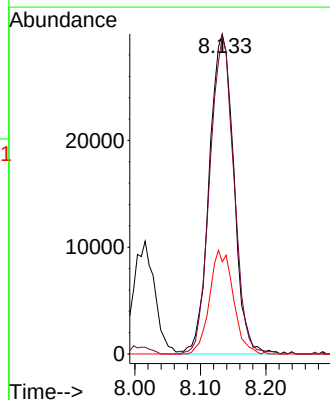
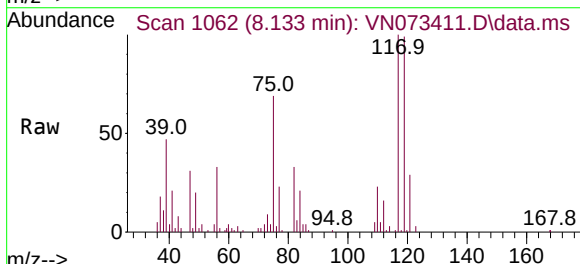
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

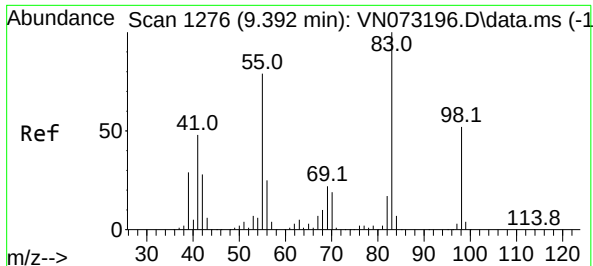
Tgt Ion: 43	Resp: 113171
Ion Ratio	Lower Upper
43 100	
61 12.8	11.8 17.6
70 9.3	9.3 13.9



#38
Carbon Tetrachloride
Concen: 18.793 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.001 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion:117	Resp:	77468	
Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.8	113.8
121	28.8	24.6	37.0





#39

Methylcyclohexane

Concen: 19.075 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

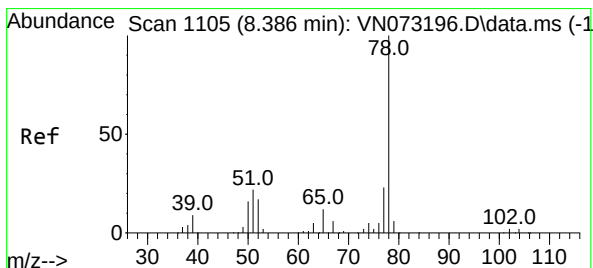
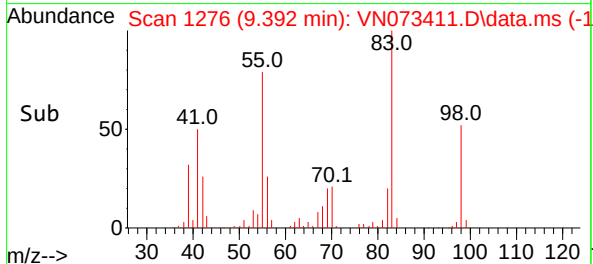
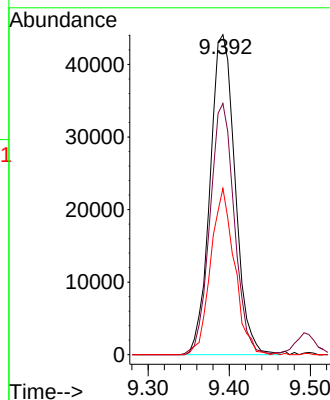
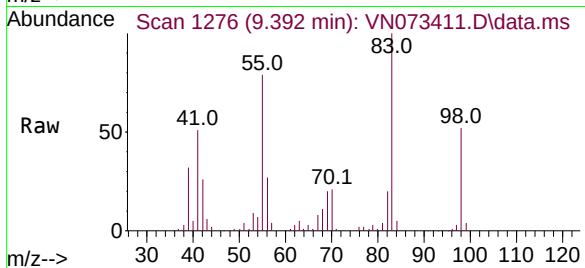
Tgt Ion: 83 Resp: 94660

Ion Ratio Lower Upper

83 100

55 78.5 57.8 86.8

98 51.9 39.4 59.2



#40

Benzene

Concen: 19.571 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073411.D

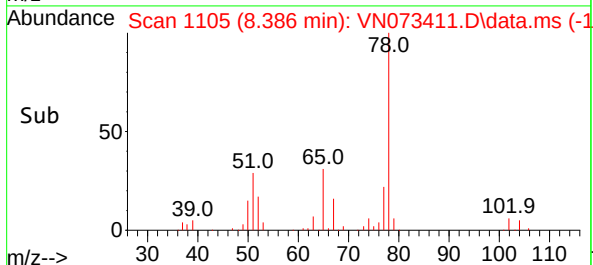
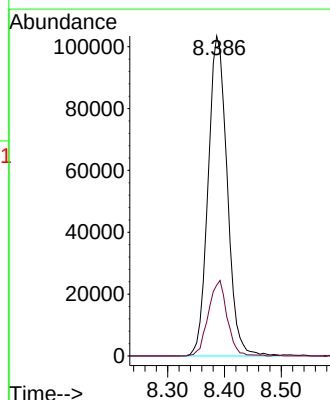
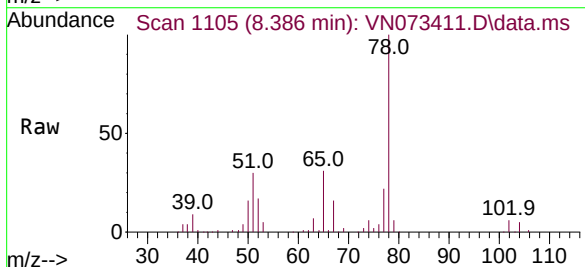
Acq: 11 Jul 2022 11:41

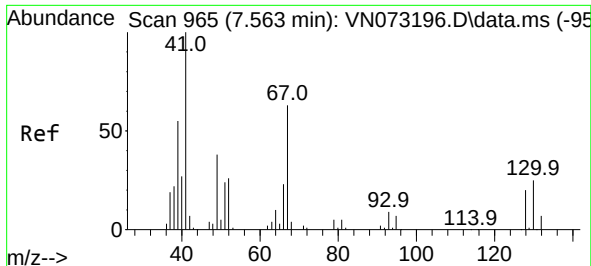
Tgt Ion: 78 Resp: 240757

Ion Ratio Lower Upper

78 100

77 22.1 19.4 29.0

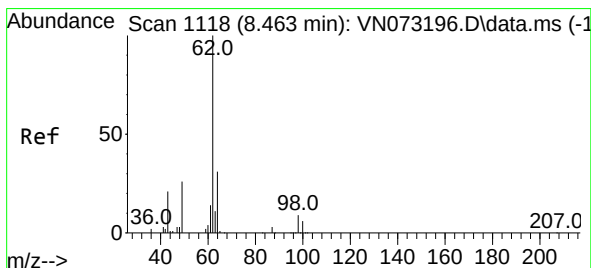
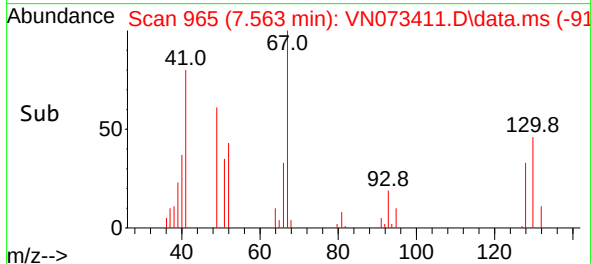
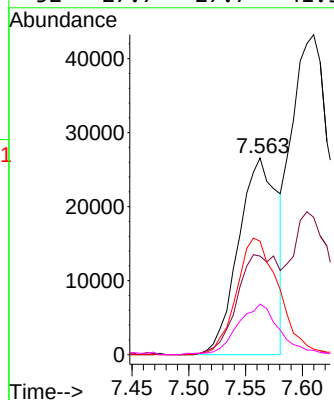
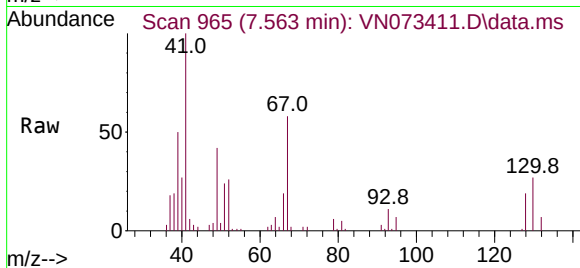




#41
Methacrylonitrile
Concen: 21.777 ug/l
RT: 7.563 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

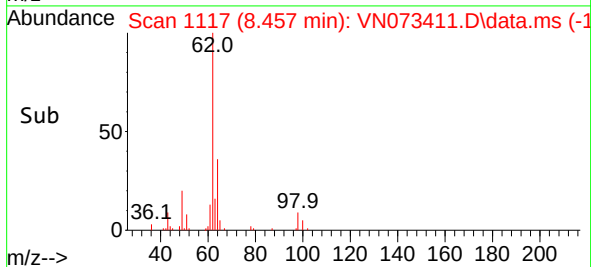
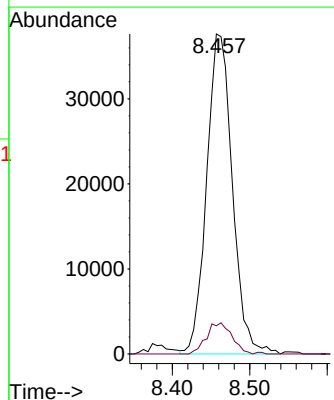
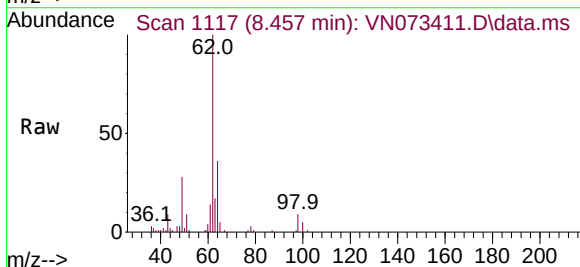
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

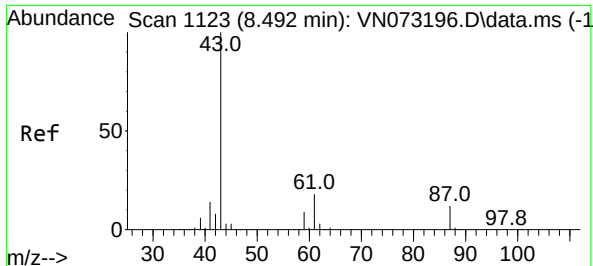
Tgt Ion:	41	Resp:	63610
Ion	Ratio	Lower	Upper
41	100		
39	54.0	48.6	73.0
67	64.8	73.4	110.2#
52	27.7	27.7	41.5



#42
1,2-Dichloroethane
Concen: 19.473 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion:	62	Resp:	86836
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.972 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

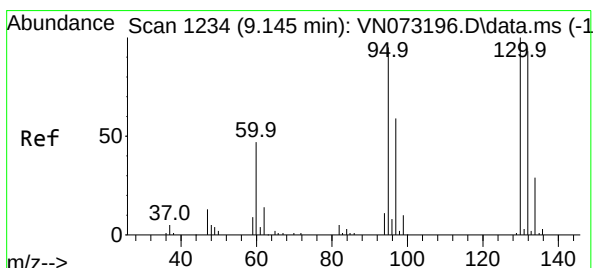
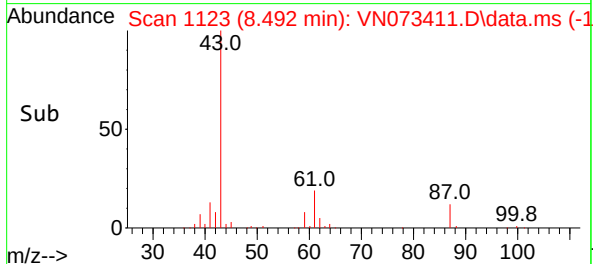
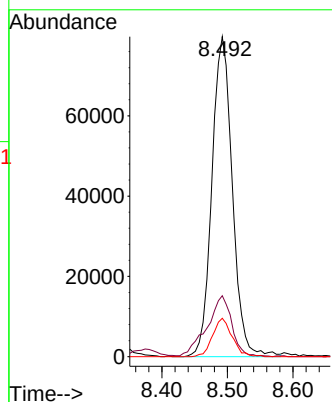
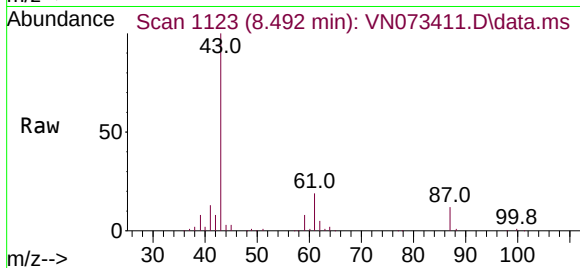
Tgt Ion: 43 Resp: 172871

Ion Ratio Lower Upper

43 100

61 23.2 21.9 32.9

87 11.5 12.0 18.0#



#44

Trichloroethene

Concen: 18.594 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VN073411.D

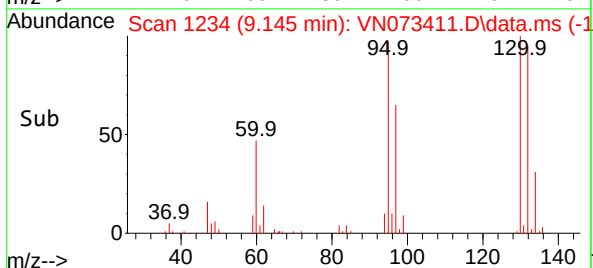
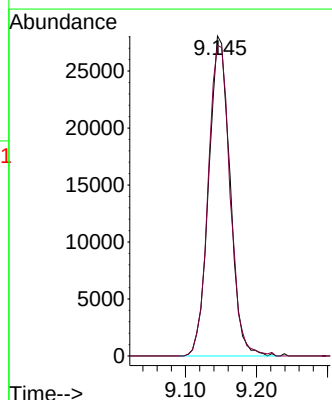
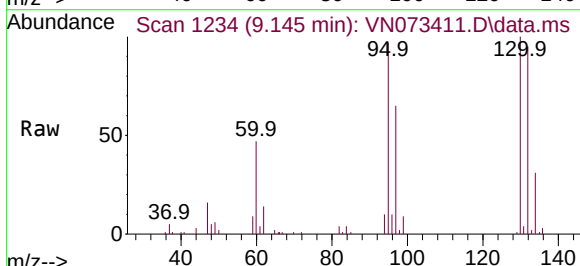
Acq: 11 Jul 2022 11:41

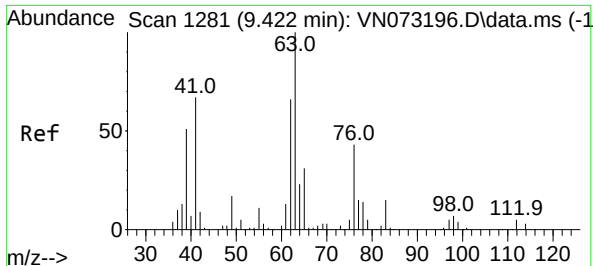
Tgt Ion:130 Resp: 58209

Ion Ratio Lower Upper

130 100

95 97.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.789 ug/l

RT: 9.427 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

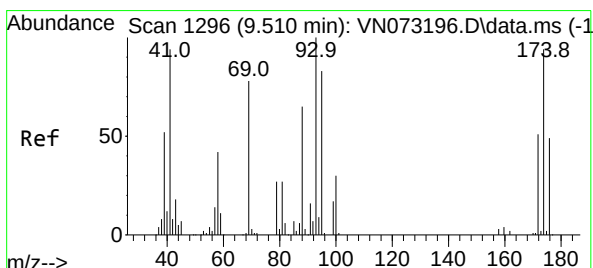
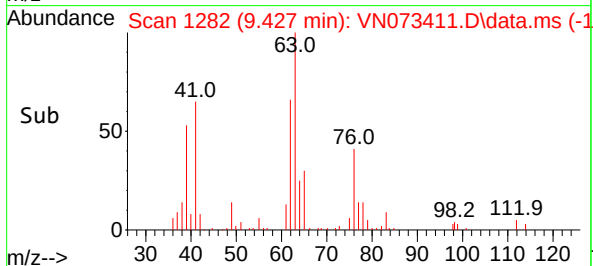
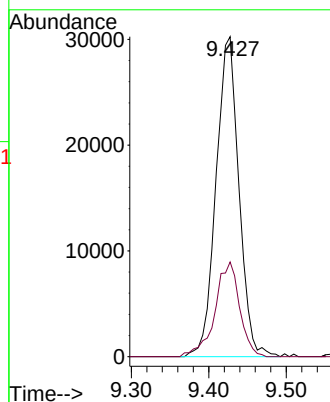
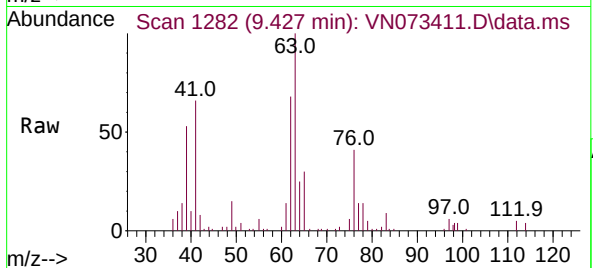
VN0711WBS01

Tgt Ion: 63 Resp: 62046

Ion Ratio Lower Upper

63 100

65 29.6 24.9 37.3



#46

Dibromomethane

Concen: 19.617 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

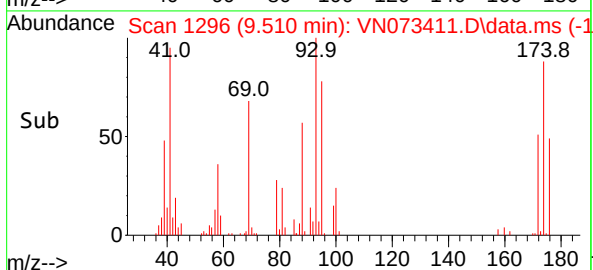
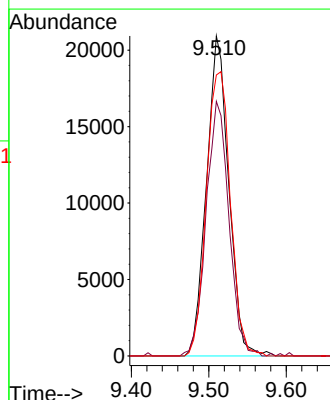
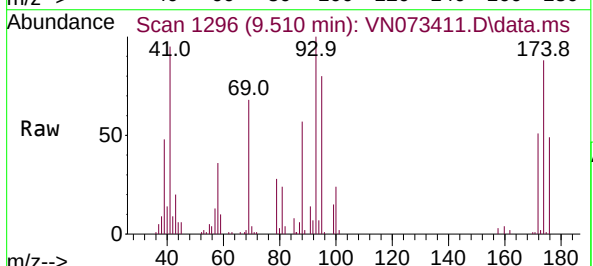
Tgt Ion: 93 Resp: 41762

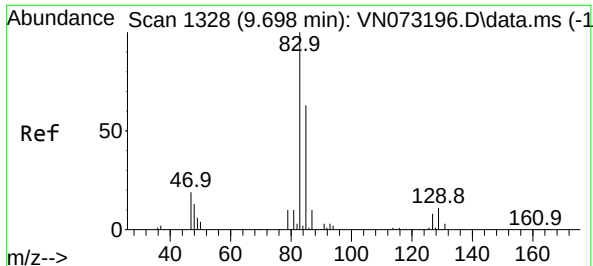
Ion Ratio Lower Upper

93 100

95 81.5 66.9 100.3

174 96.4 86.6 130.0

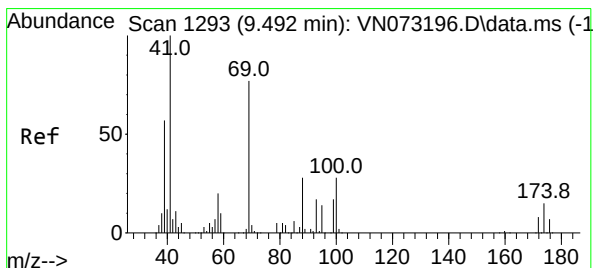
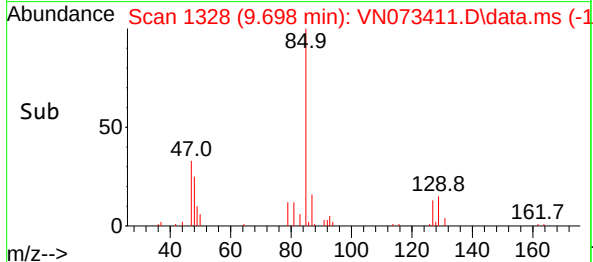
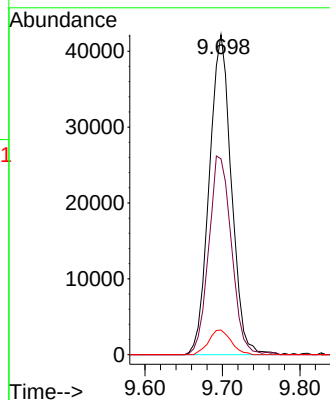
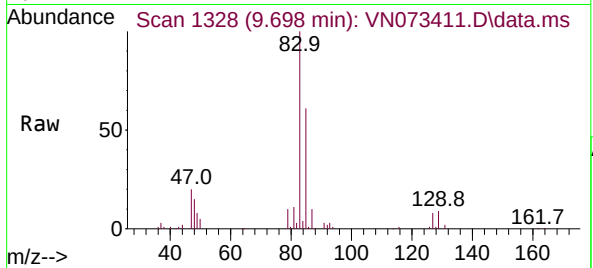




#47
Bromodichloromethane
Concen: 20.284 ug/l
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

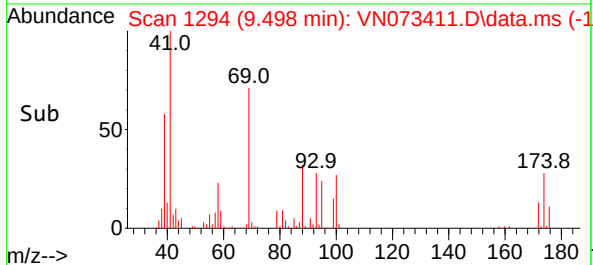
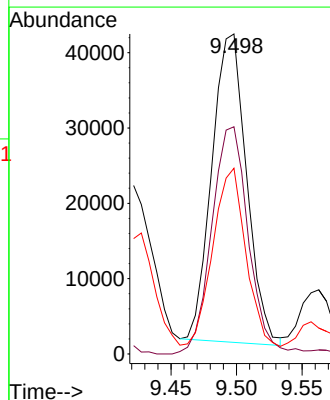
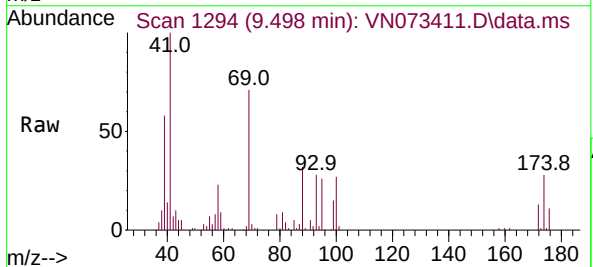
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

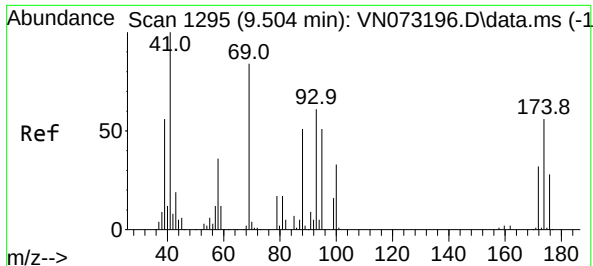
Tgt Ion: 83 Resp: 83636
Ion Ratio Lower Upper
83 100
85 61.2 50.5 75.7
127 7.7 6.8 10.2



#48
Methyl methacrylate
Concen: 18.742 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 41 Resp: 75113
Ion Ratio Lower Upper
41 100
69 78.1 74.7 112.1
39 55.7 45.6 68.4





#49

1,4-Dioxane

Concen: 388.711 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

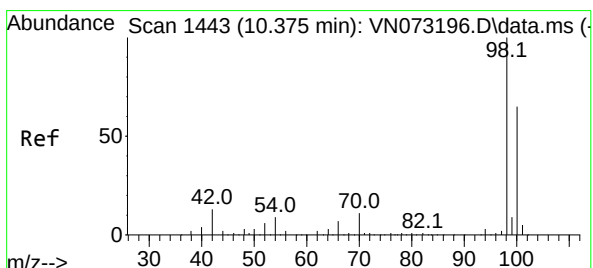
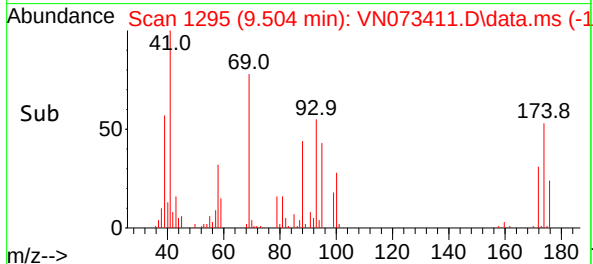
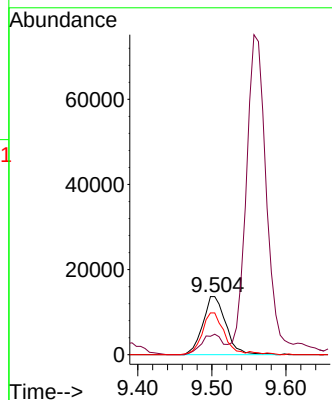
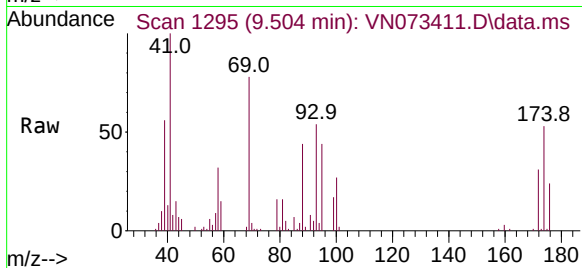
Tgt Ion: 88 Resp: 29574

Ion Ratio Lower Upper

88 100

43 33.3 20.2 30.4#

58 67.7 54.2 81.4



#50

Toluene-d8

Concen: 49.893 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. -0.001 min

Lab File: VN073411.D

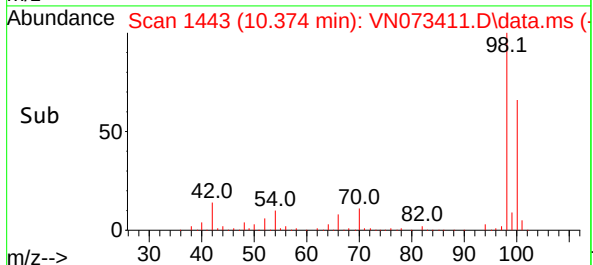
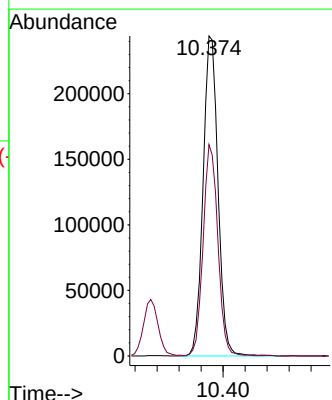
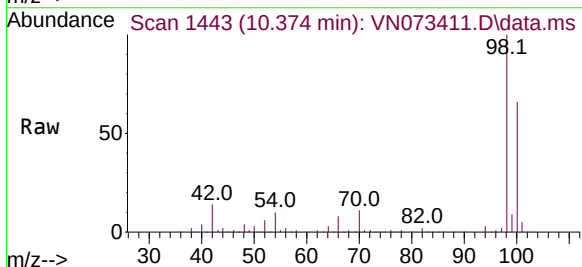
Acq: 11 Jul 2022 11:41

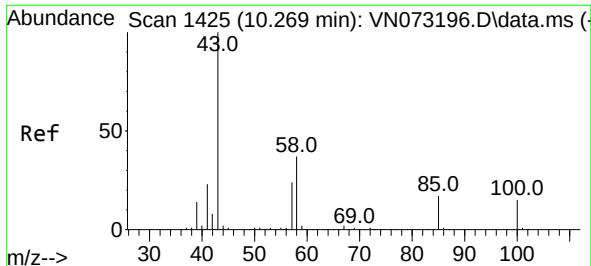
Tgt Ion: 98 Resp: 459052

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 105.393 ug/l

RT: 10.269 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

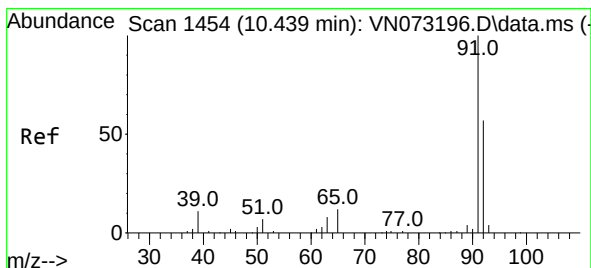
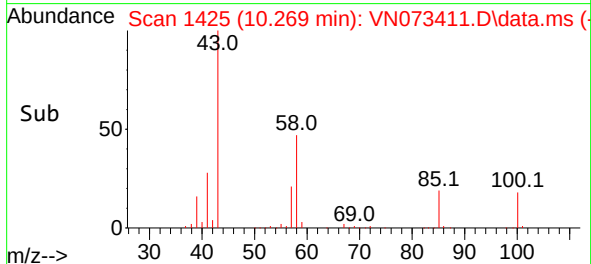
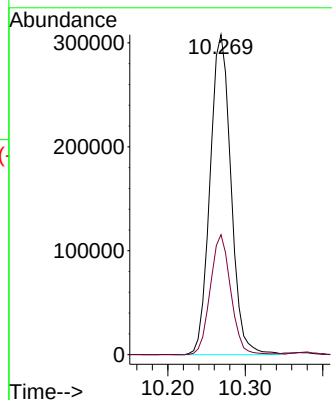
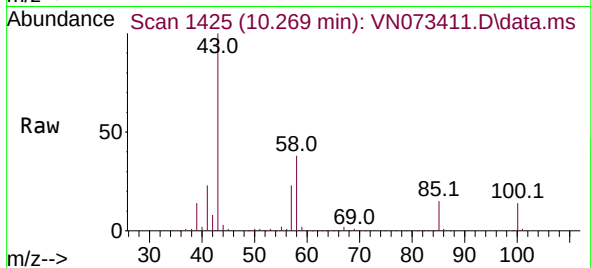
VN0711WBS01

Tgt Ion: 43 Resp: 578514

Ion Ratio Lower Upper

43 100

58 36.6 34.1 51.1



#52

Toluene

Concen: 19.211 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073411.D

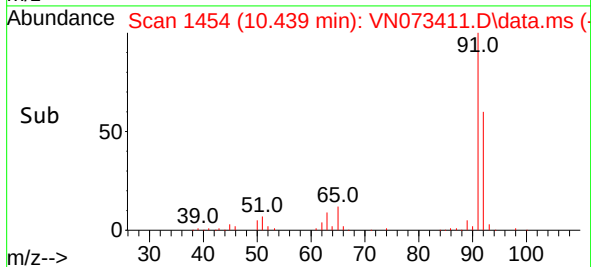
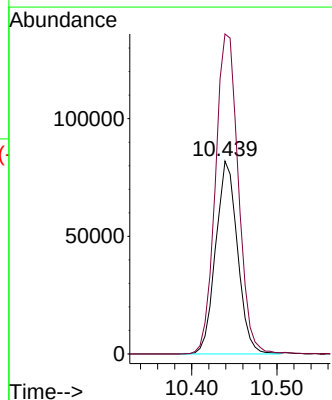
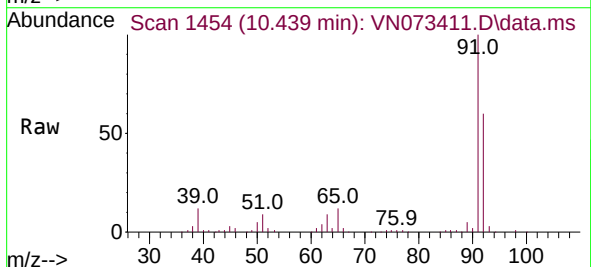
Acq: 11 Jul 2022 11:41

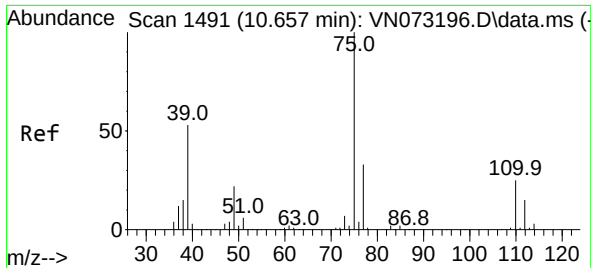
Tgt Ion: 92 Resp: 146047

Ion Ratio Lower Upper

92 100

91 174.8 138.6 207.8

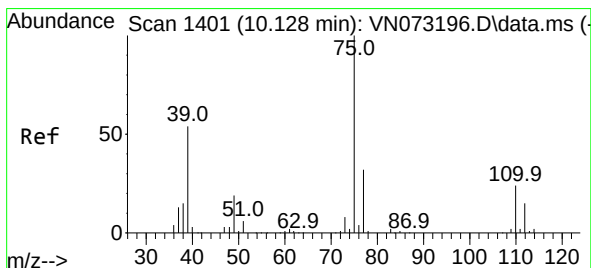
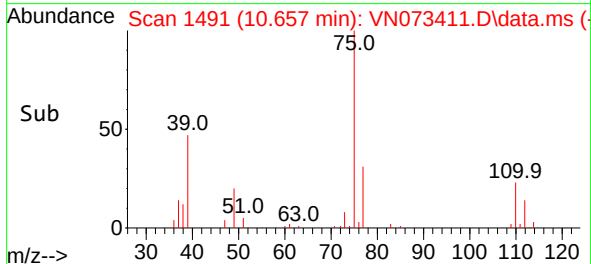
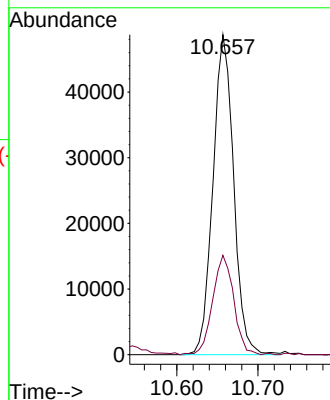
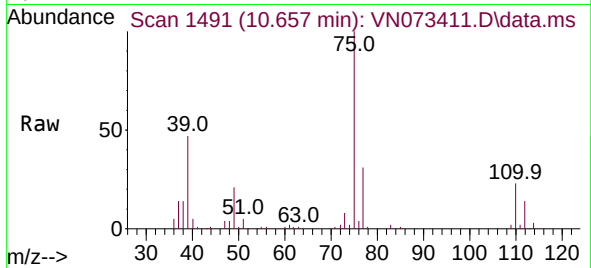




#53
 t-1,3-Dichloropropene
 Concen: 19.026 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

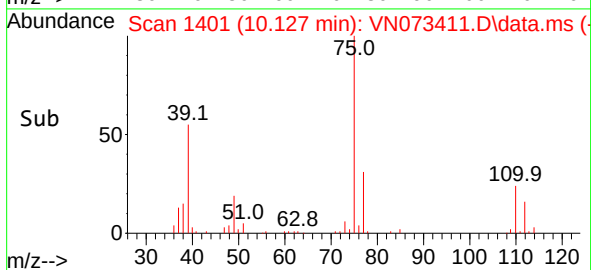
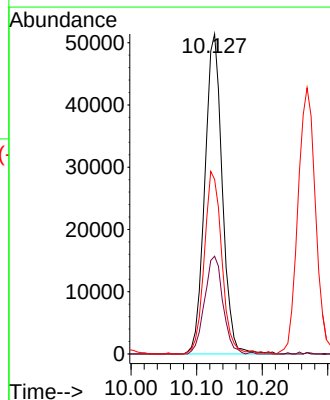
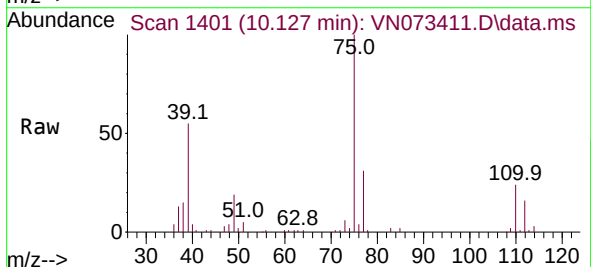
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

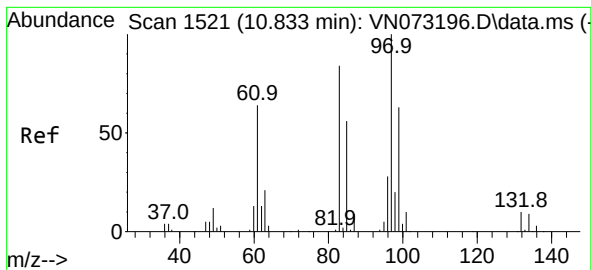
Tgt Ion: 75 Resp: 86364
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.433 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.001 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

Tgt Ion: 75 Resp: 95233
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.2 37.8
 39 53.9 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 19.685 ug/l

RT: 10.839 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

Tgt Ion: 97 Resp: 61610

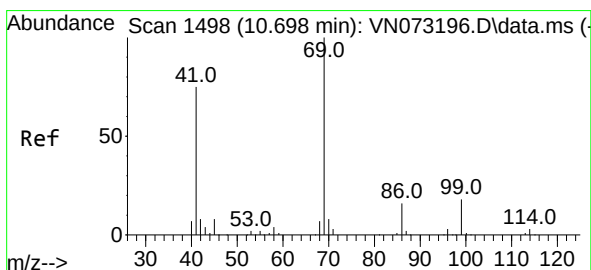
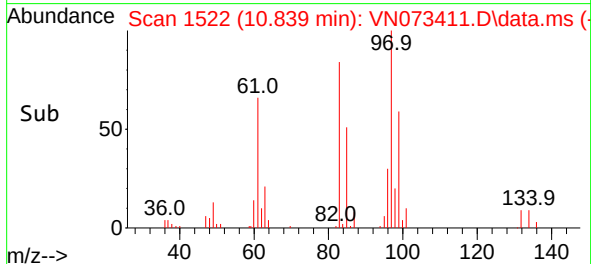
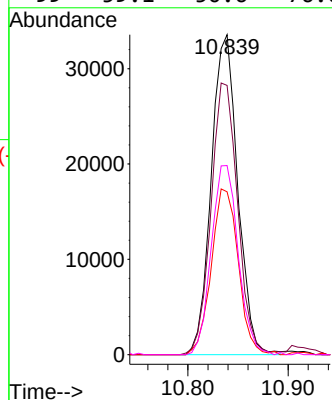
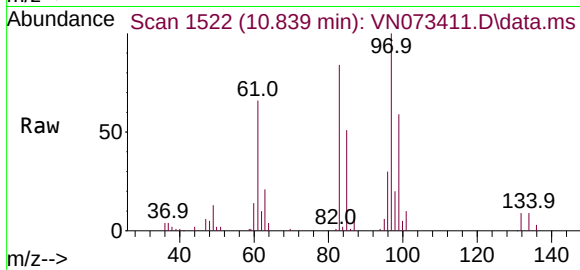
Ion Ratio Lower Upper

97 100

83 84.2 66.2 99.4

85 50.9 43.9 65.9

99 59.1 50.6 76.0



#56

Ethyl methacrylate

Concen: 18.556 ug/l

RT: 10.698 min Scan# 1498

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

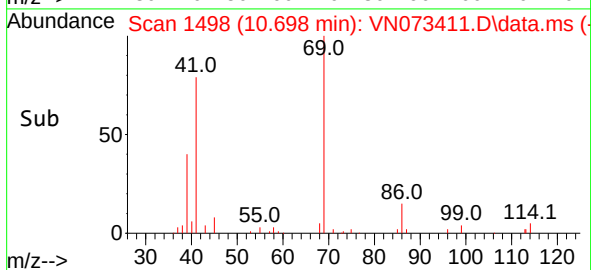
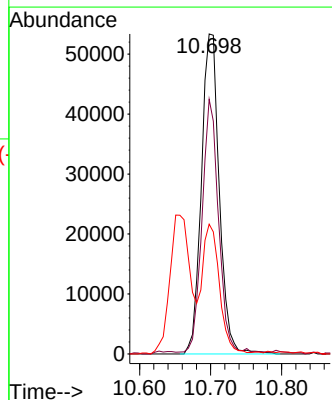
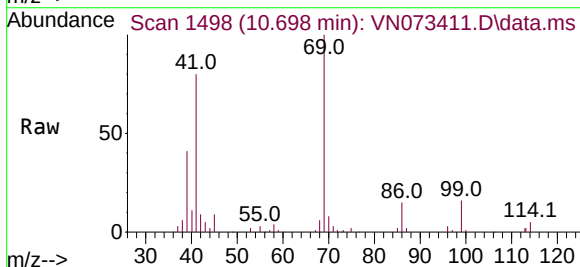
Tgt Ion: 69 Resp: 93869

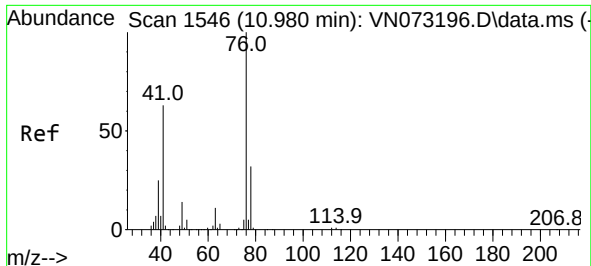
Ion Ratio Lower Upper

69 100

41 71.8 47.8 71.6#

39 37.8 27.3 40.9





#57

1,3-Dichloropropane

Concen: 19.542 ug/l

RT: 10.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

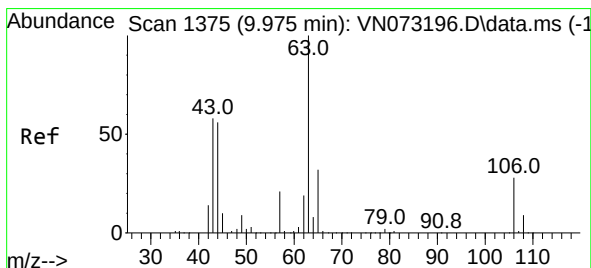
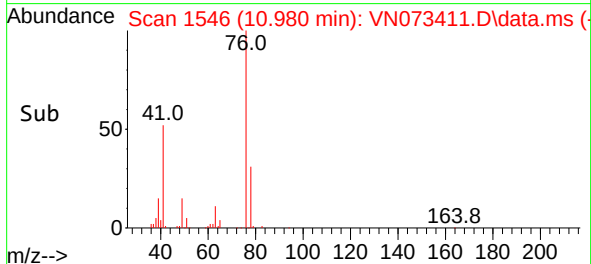
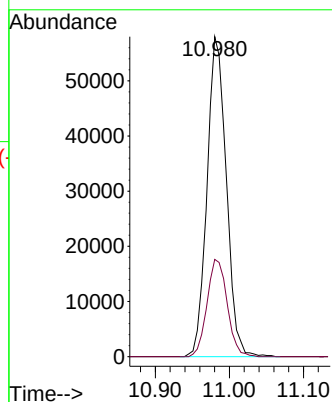
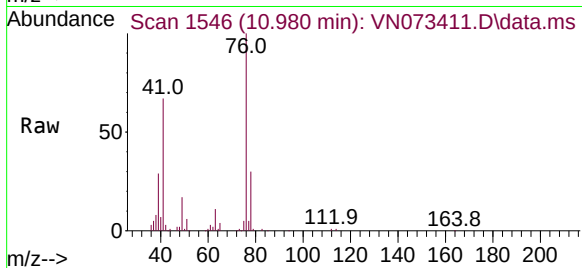
VN0711WBS01

Tgt Ion: 76 Resp: 104849

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 95.848 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073411.D

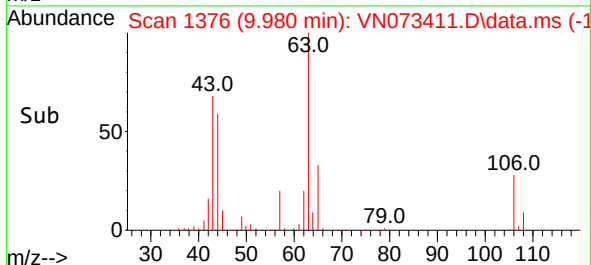
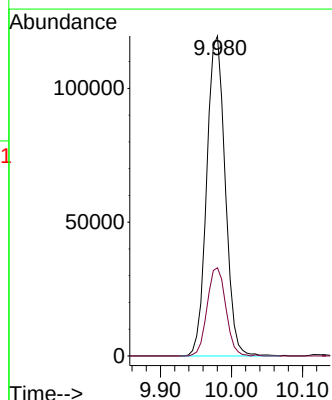
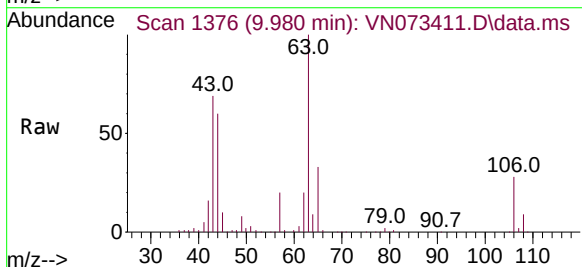
Acq: 11 Jul 2022 11:41

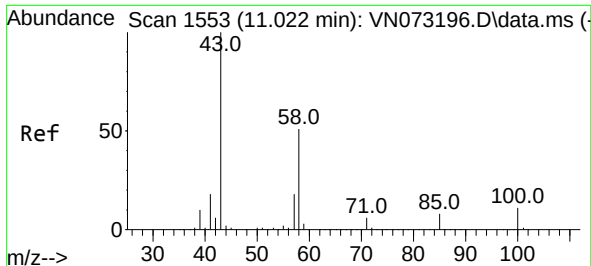
Tgt Ion: 63 Resp: 216241

Ion Ratio Lower Upper

63 100

106 27.8 24.6 36.8

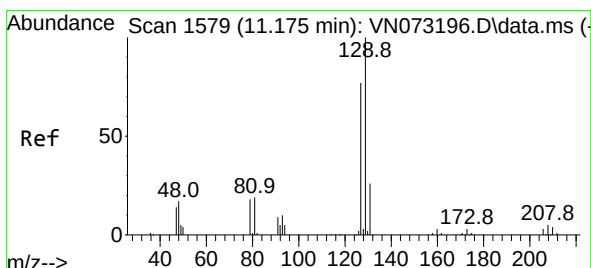
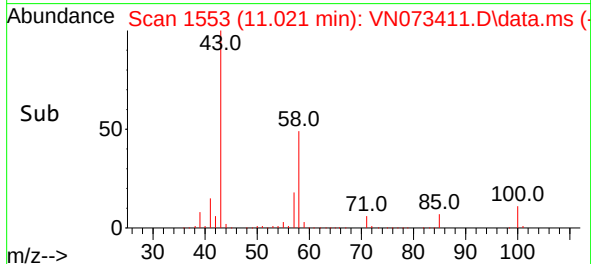
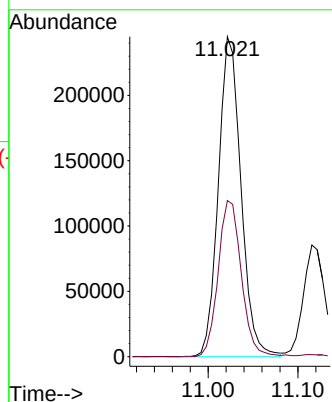
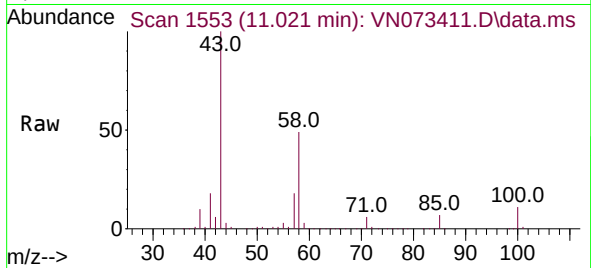




#59
2-Hexanone
Concen: 102.459 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.001 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

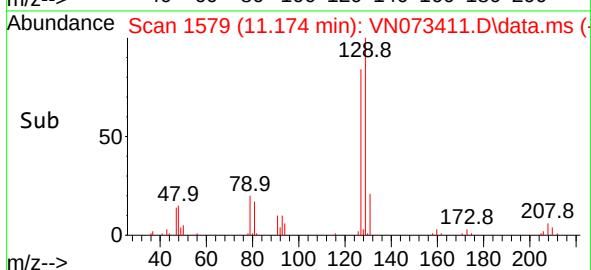
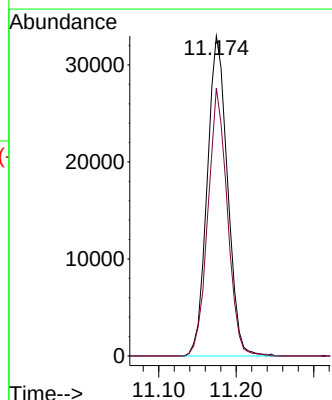
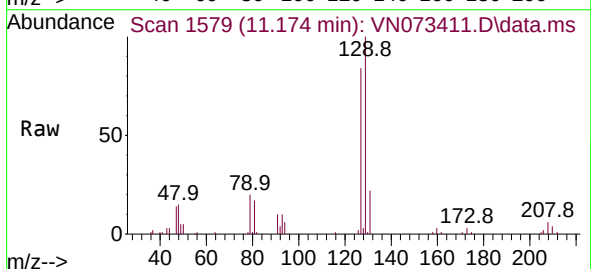
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

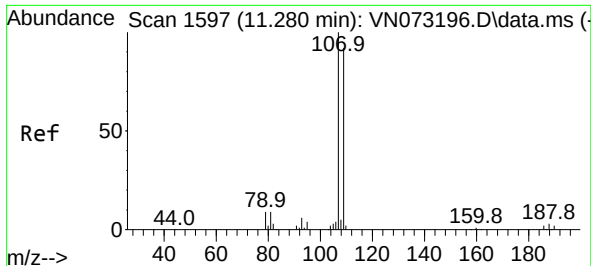
Tgt Ion: 43 Resp: 428707
Ion Ratio Lower Upper
43 100
58 50.2 29.7 89.1



#60
Dibromochloromethane
Concen: 20.081 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 129 Resp: 59920
Ion Ratio Lower Upper
129 100
127 80.0 38.8 116.4

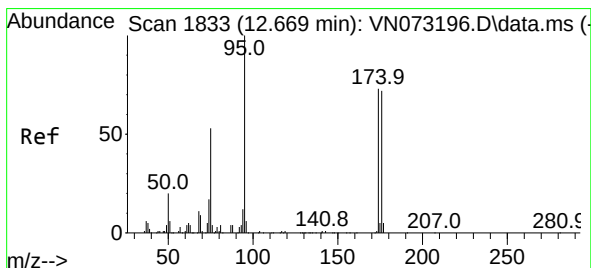
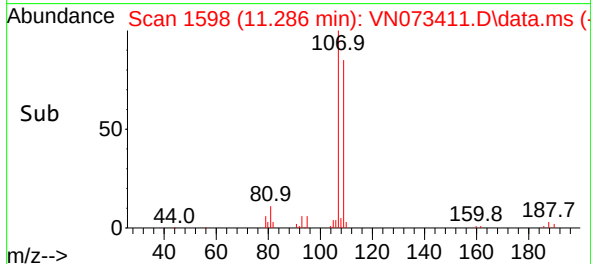
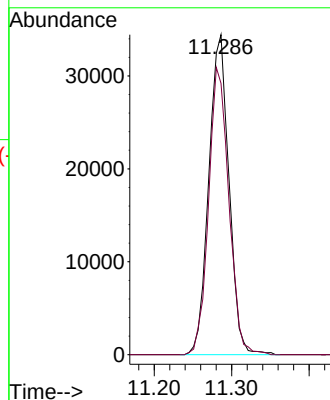
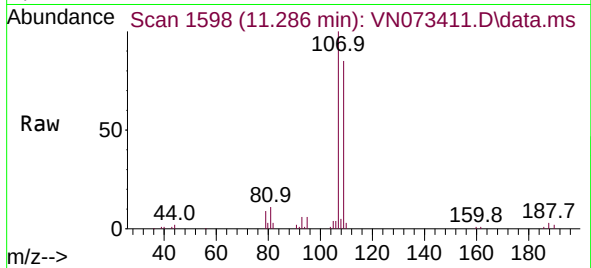




#61
1,2-Dibromoethane
Concen: 19.908 ug/l
RT: 11.286 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

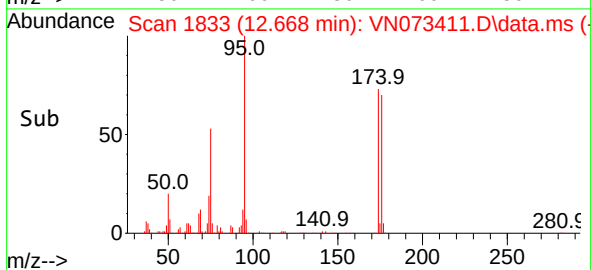
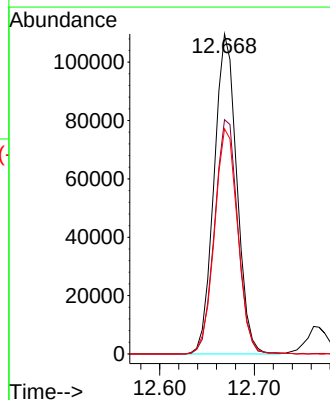
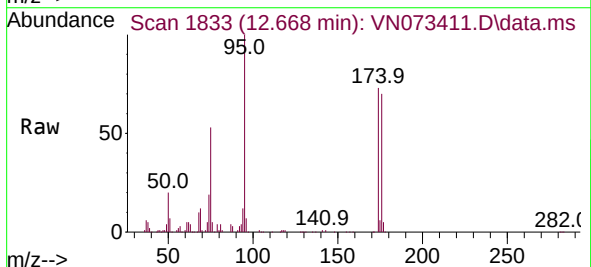
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

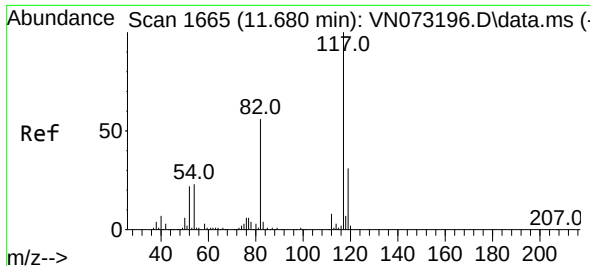
Tgt Ion:107 Resp: 62236
Ion Ratio Lower Upper
107 100
109 90.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.745 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 95 Resp: 182958
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 72.2 0.0 163.4

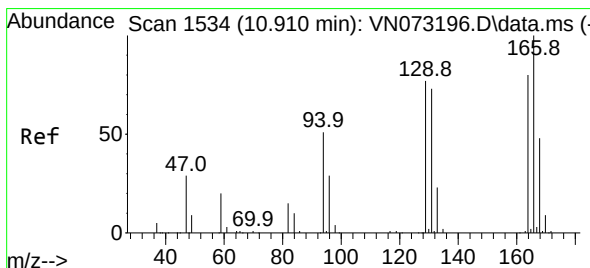
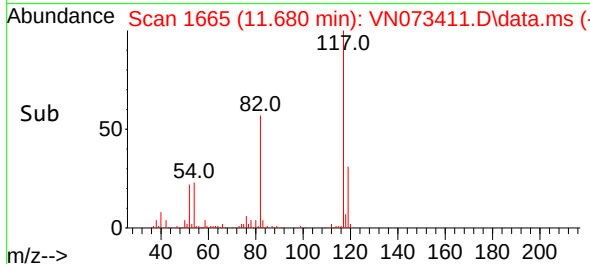
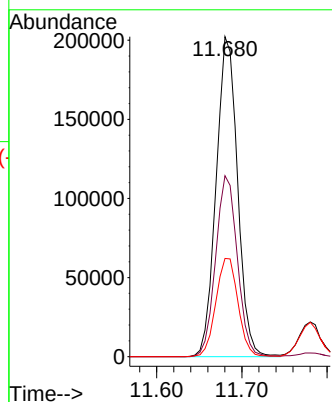
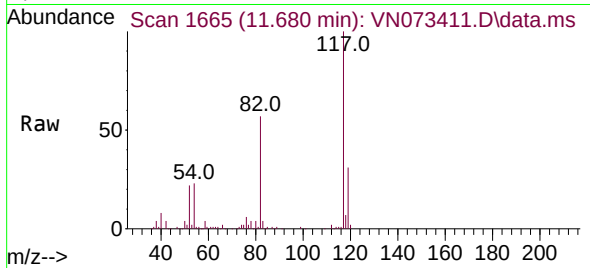




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

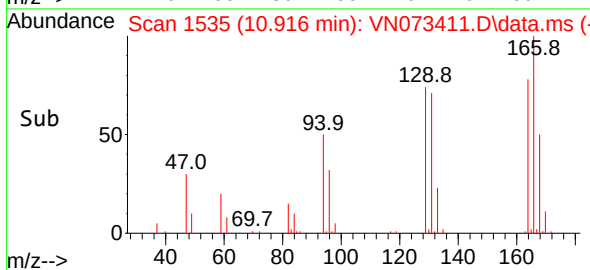
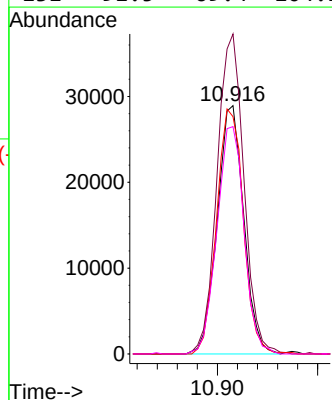
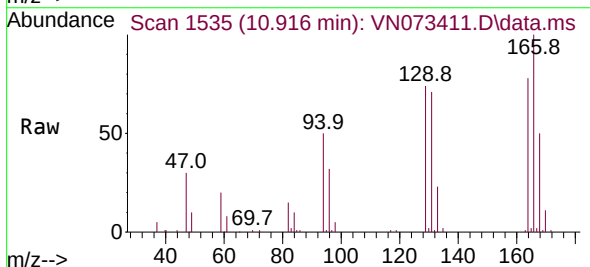
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

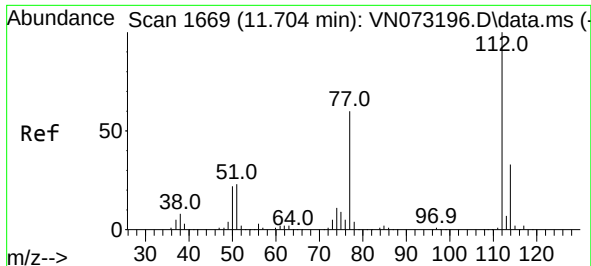
Tgt Ion:117 Resp: 353529
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 30.7 25.4 38.0



#64
Tetrachloroethene
Concen: 18.367 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion:164 Resp: 53021
Ion Ratio Lower Upper
164 100
166 128.9 104.2 156.2
129 95.6 73.9 110.9
131 91.5 69.4 104.2

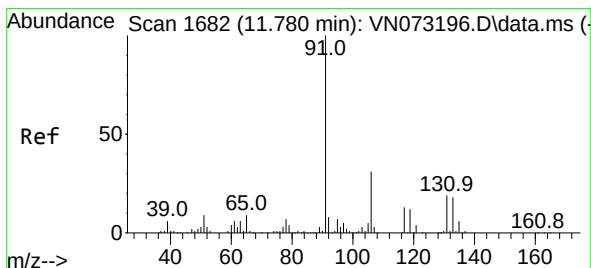
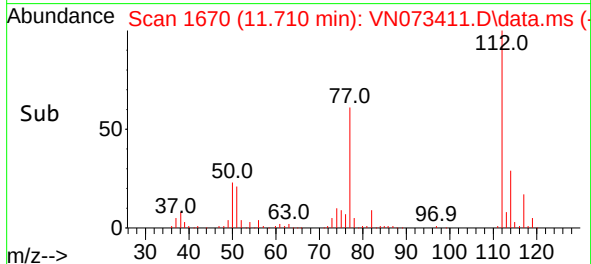
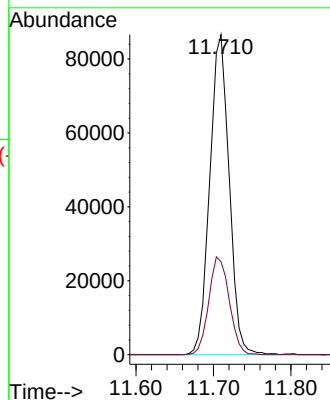
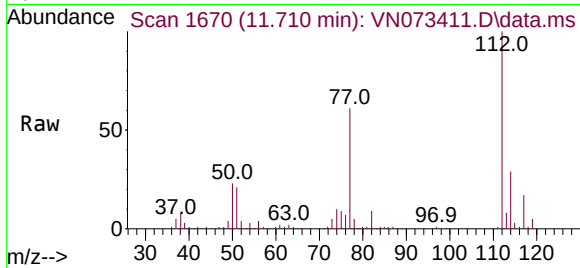




#65
Chlorobenzene
Concen: 18.832 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

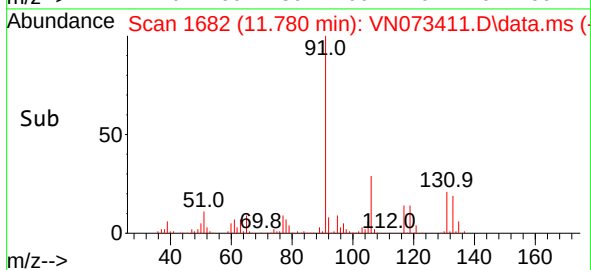
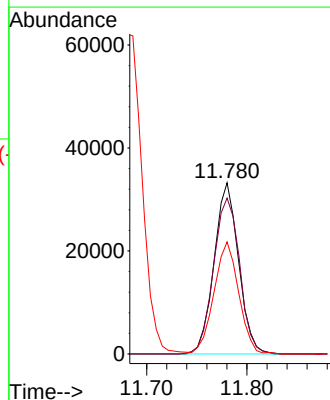
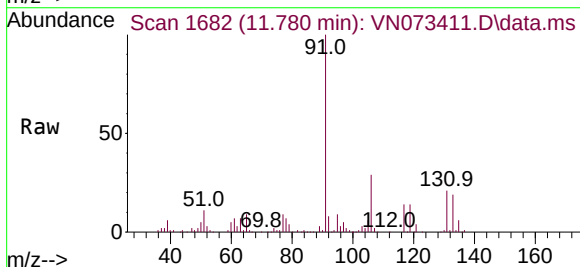
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

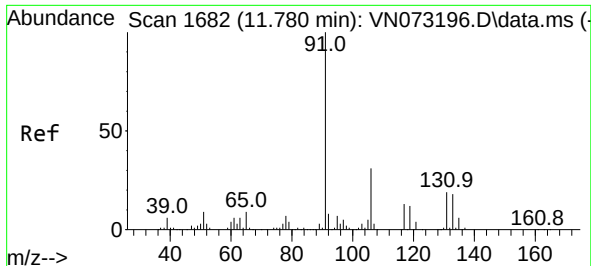
Tgt Ion:112 Resp: 150574
Ion Ratio Lower Upper
112 100
114 29.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.095 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion:131 Resp: 56158
Ion Ratio Lower Upper
131 100
133 97.6 47.8 143.4
119 66.6 33.4 100.2

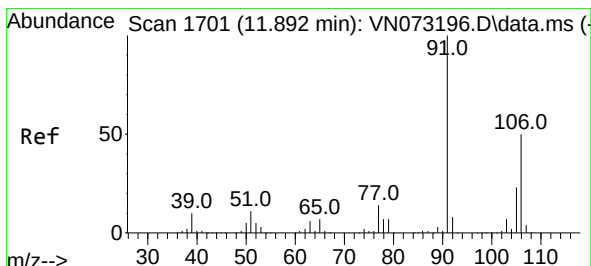
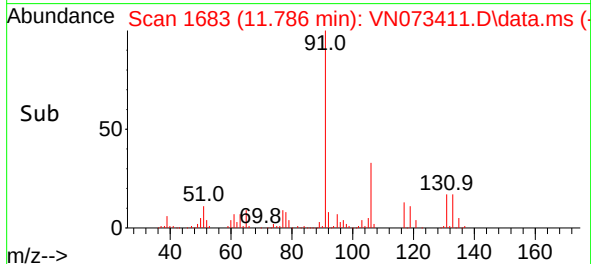
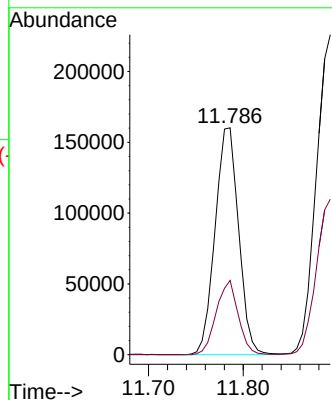
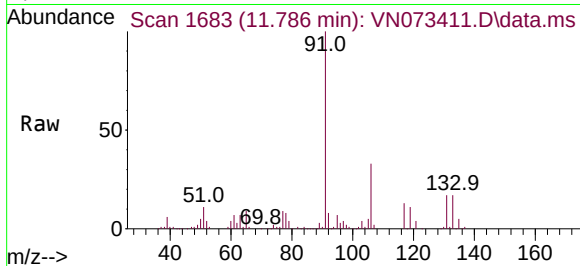




#67
Ethyl Benzene
Concen: 19.110 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

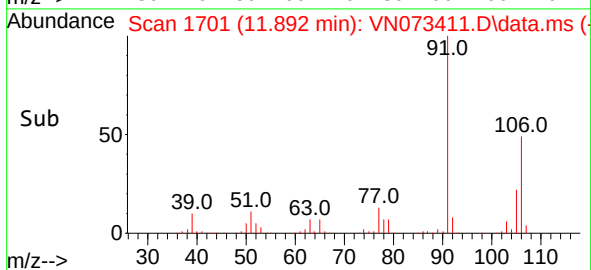
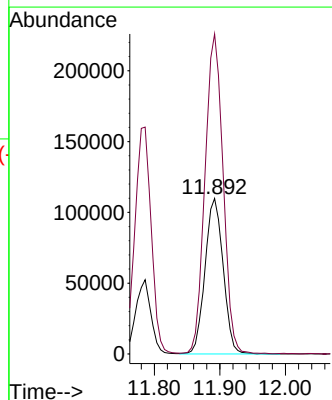
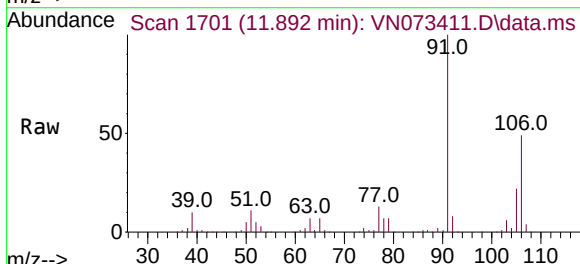
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

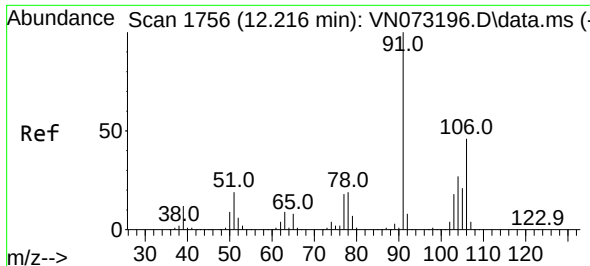
Tgt Ion: 91 Resp: 277397
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3



#68
m/p-Xylenes
Concen: 38.568 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 106 Resp: 211281
Ion Ratio Lower Upper
106 100
91 205.4 158.9 238.3

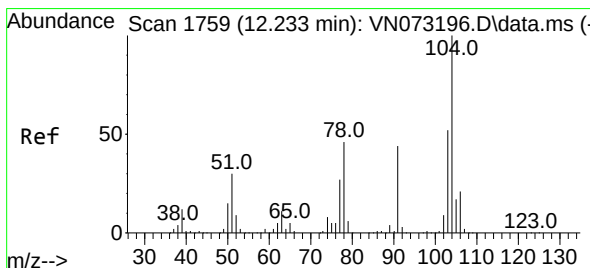
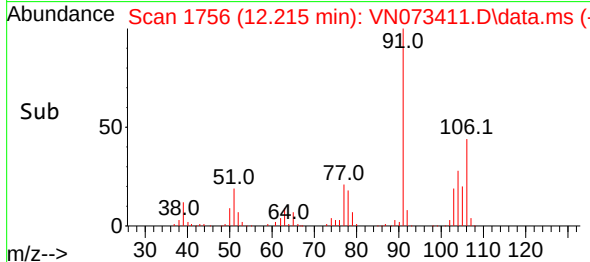
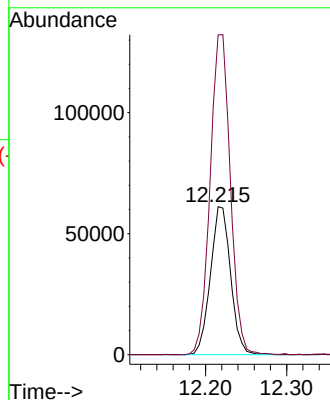
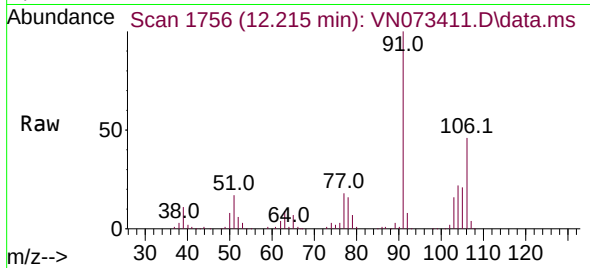




#69
o-Xylene
Concen: 18.857 ug/l
RT: 12.215 min Scan# 1756
Delta R.T. -0.001 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

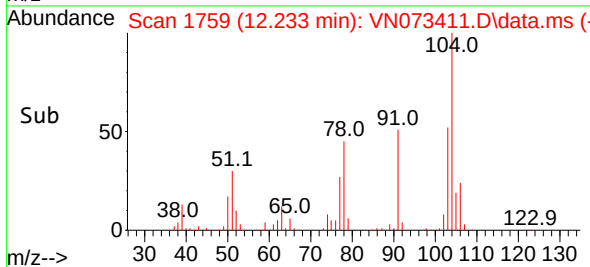
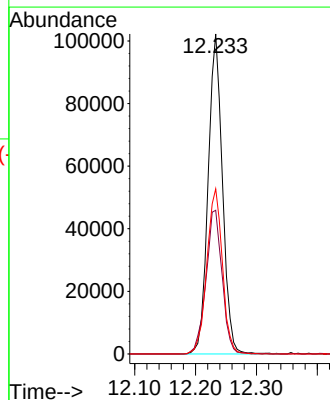
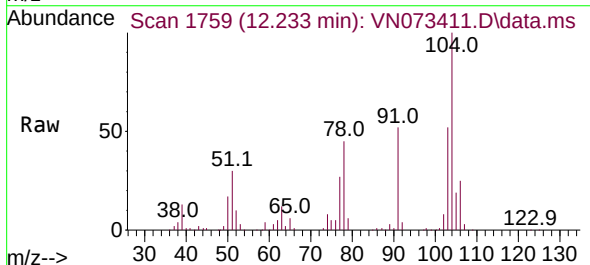
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

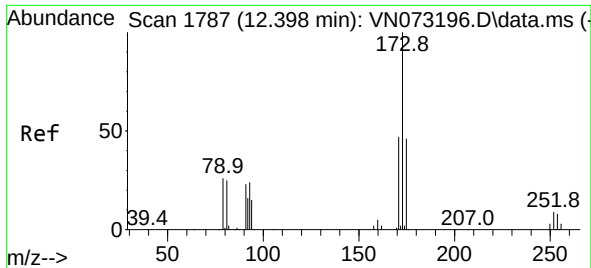
Tgt Ion:106 Resp: 105460
Ion Ratio Lower Upper
106 100
91 217.1 106.0 318.0



#70
Styrene
Concen: 19.390 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion:104 Resp: 167416
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.9 44.0 66.0

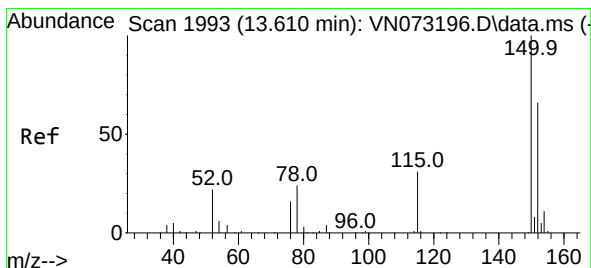
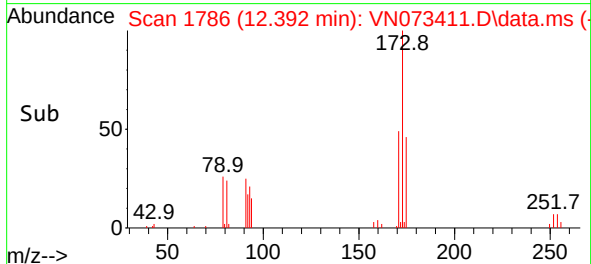
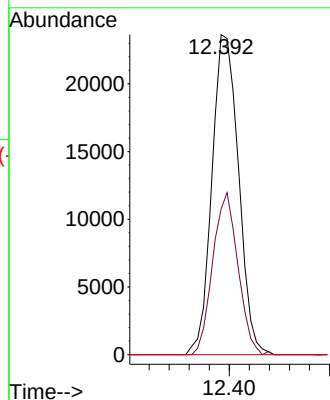
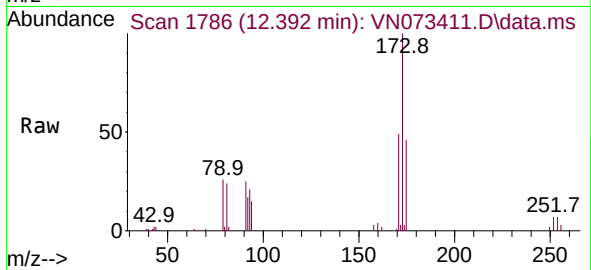




#71
Bromoform
Concen: 20.221 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

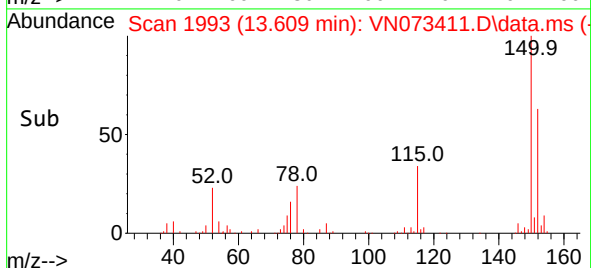
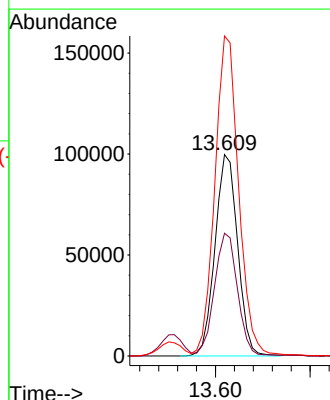
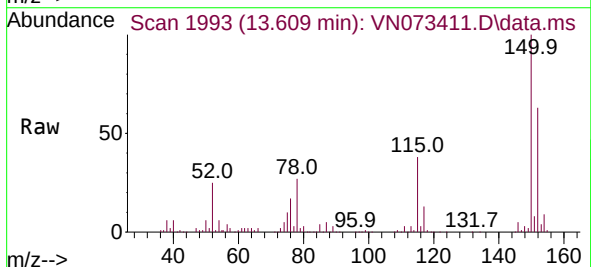
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

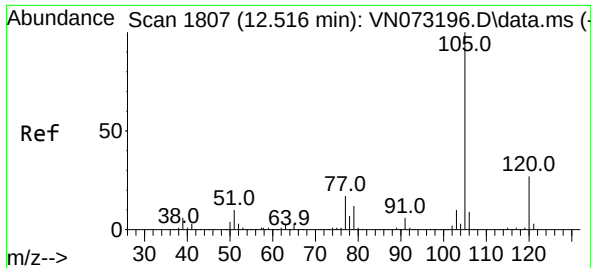
Tgt Ion:173 Resp: 43514
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion:152 Resp: 165735
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 166.9 0.0 356.2

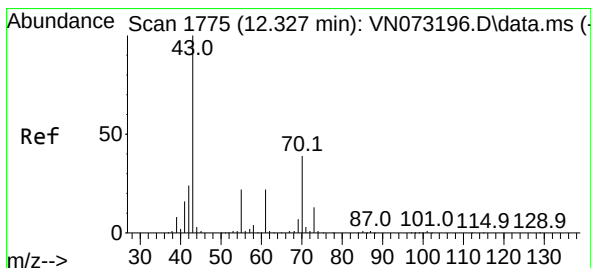
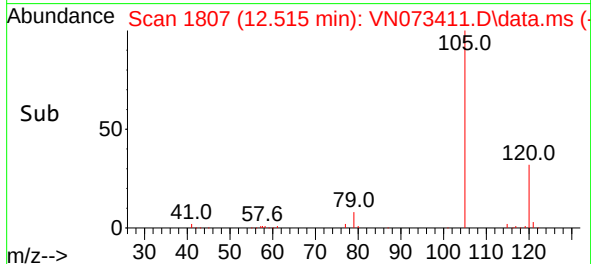
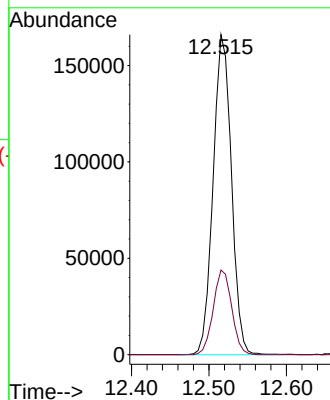
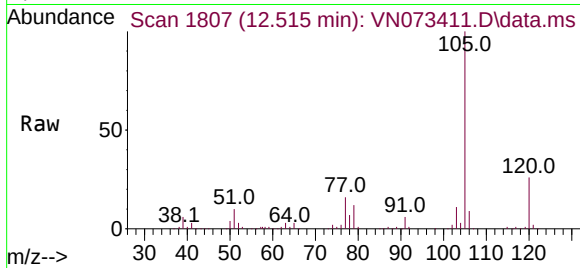




#73
Isopropylbenzene
Concen: 19.011 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

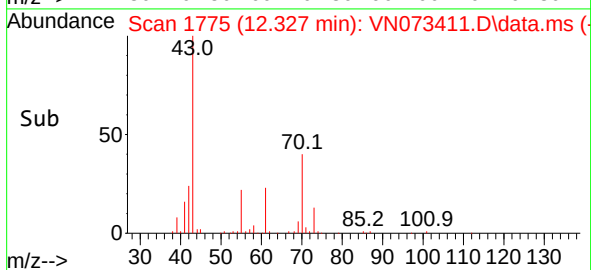
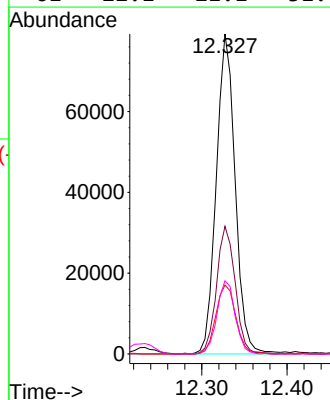
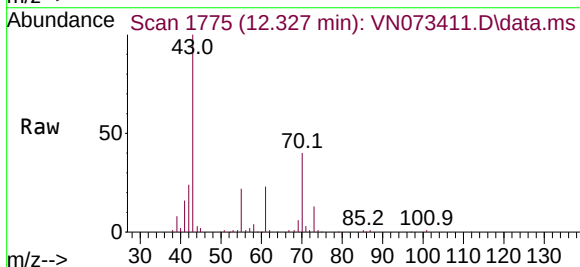
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

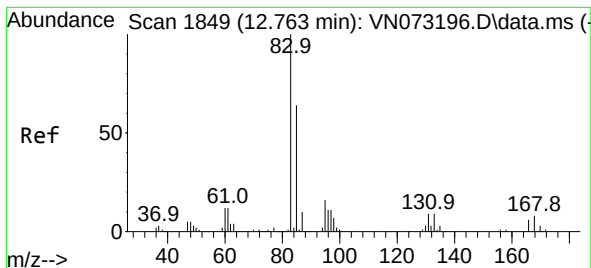
Tgt Ion:105 Resp: 272082
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 17.014 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 43 Resp: 121930
Ion Ratio Lower Upper
43 100
70 39.3 39.0 58.4
55 22.8 21.1 31.7
61 22.1 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.512 ug/l

RT: 12.768 min Scan# 1850

Delta R.T. 0.005 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

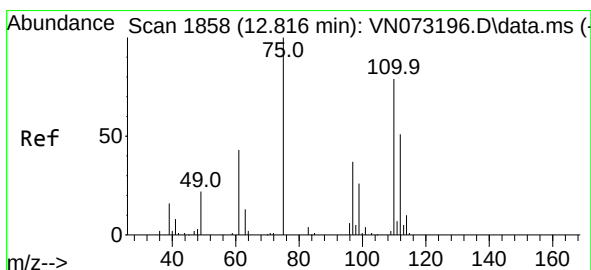
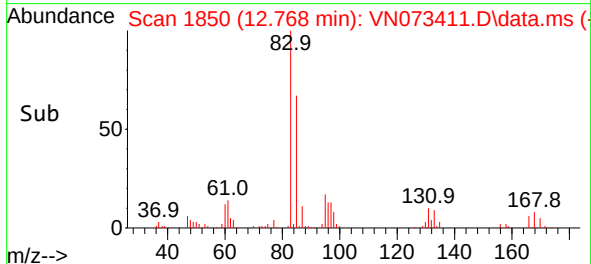
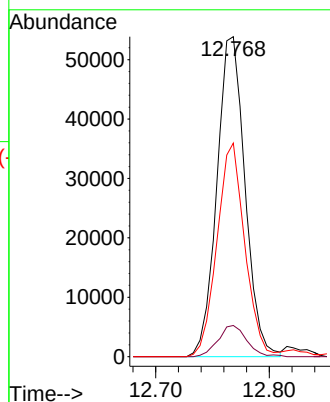
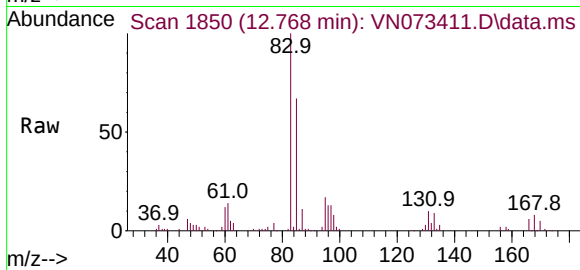
Tgt Ion: 83 Resp: 92667

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.9

85 65.7 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 28.154 ug/l

RT: 12.821 min Scan# 1859

Delta R.T. 0.005 min

Lab File: VN073411.D

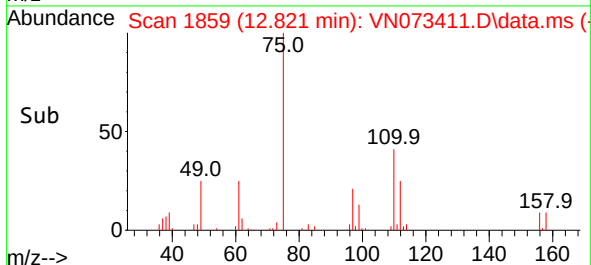
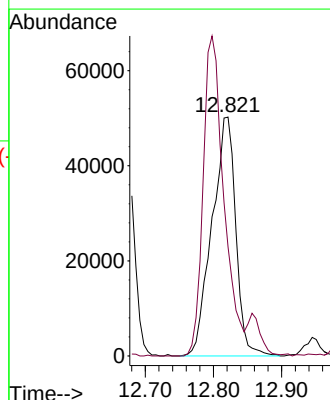
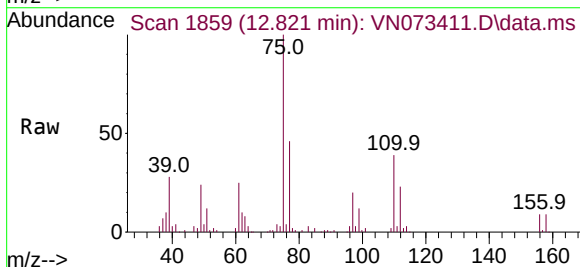
Acq: 11 Jul 2022 11:41

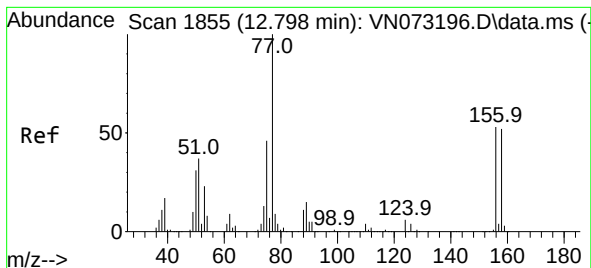
Tgt Ion: 75 Resp: 122009

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 18.573 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

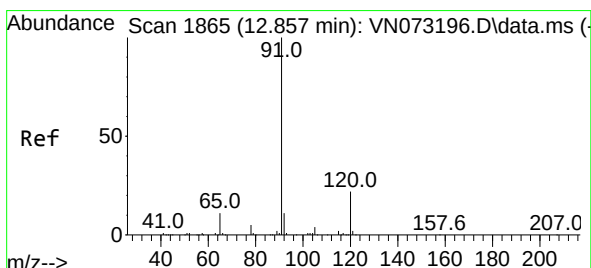
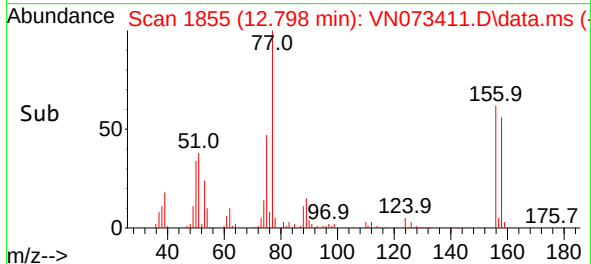
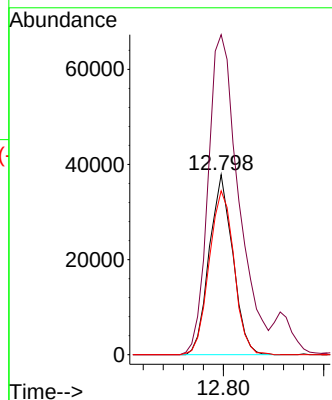
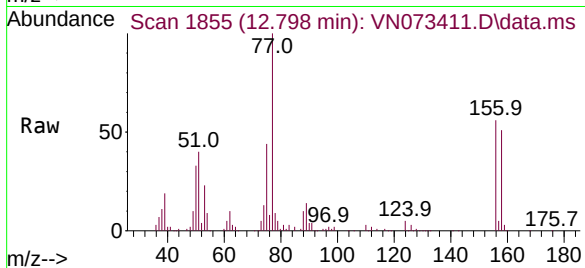
Tgt Ion:156 Resp: 61802

Ion Ratio Lower Upper

156 100

77 230.5 100.5 301.5

158 96.1 48.9 146.6



#78

n-propylbenzene

Concen: 19.745 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073411.D

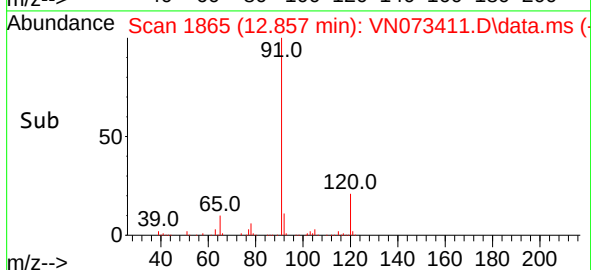
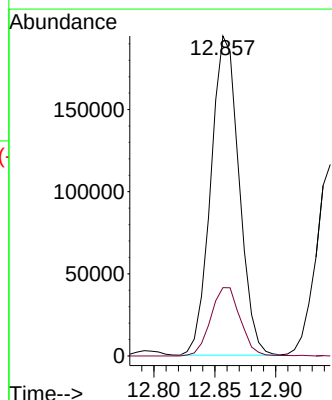
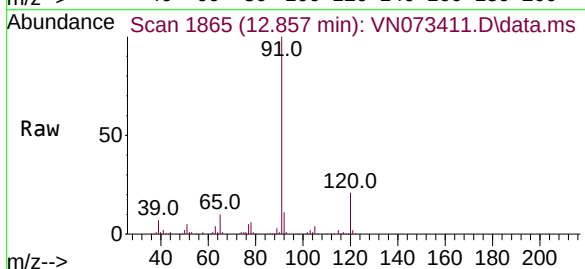
Acq: 11 Jul 2022 11:41

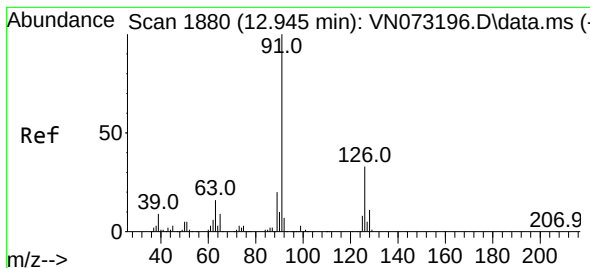
Tgt Ion: 91 Resp: 313931

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.052 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

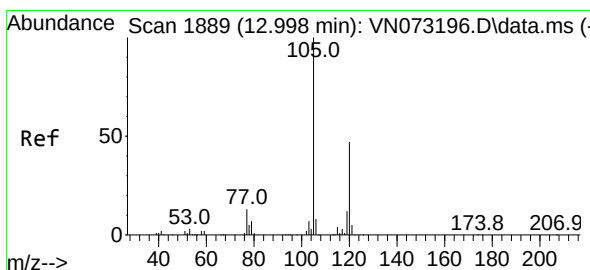
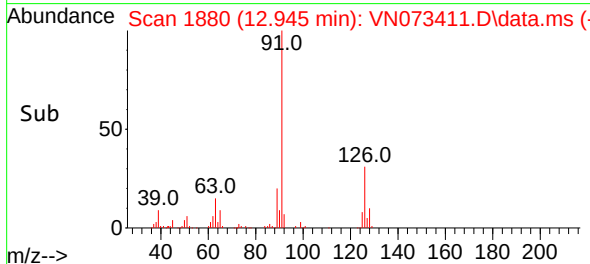
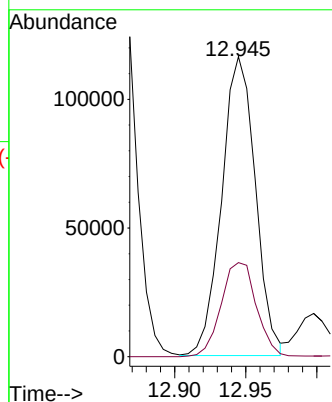
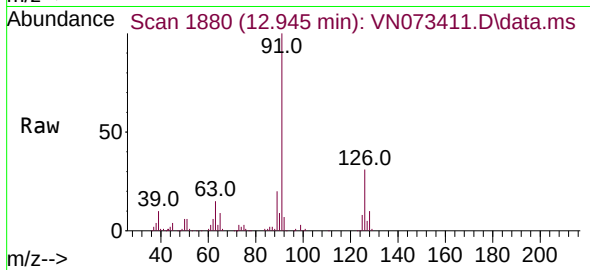
VN0711WBS01

Tgt Ion: 91 Resp: 191713

Ion Ratio Lower Upper

91 100

126 33.2 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 19.611 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073411.D

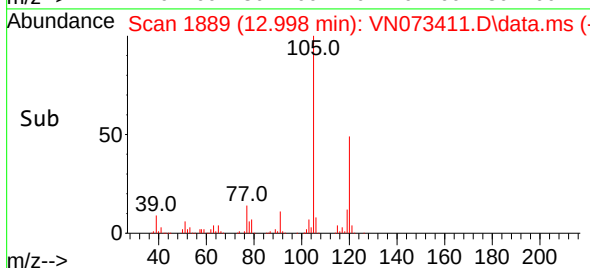
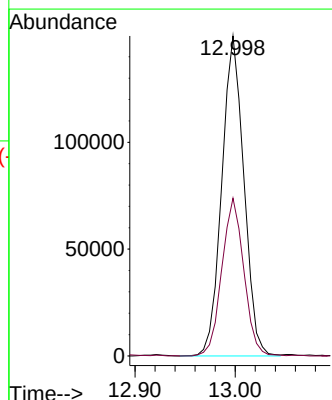
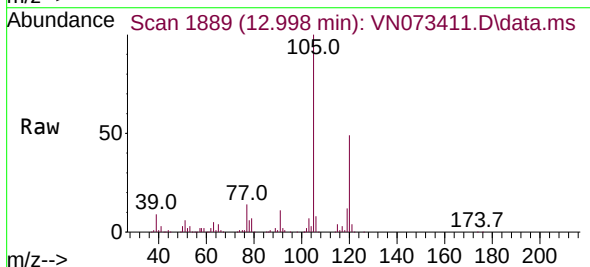
Acq: 11 Jul 2022 11:41

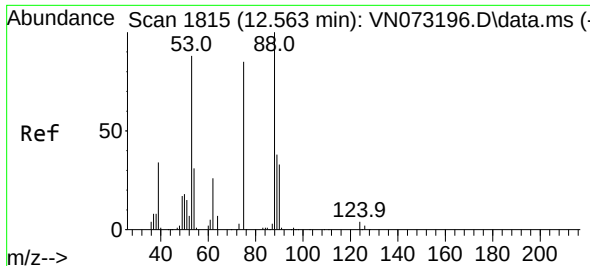
Tgt Ion: 105 Resp: 228764

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.7

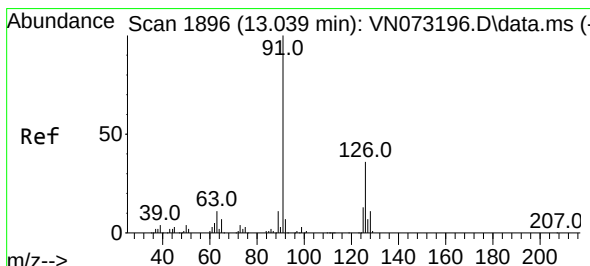
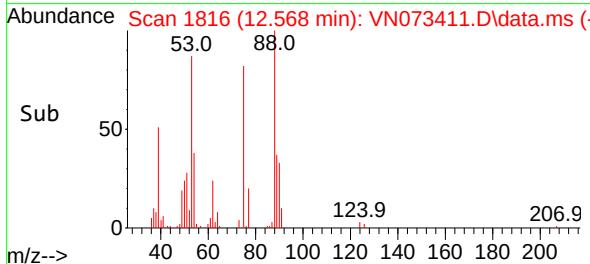
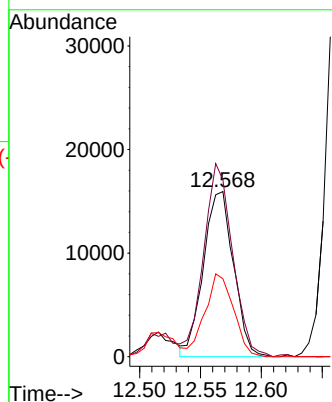
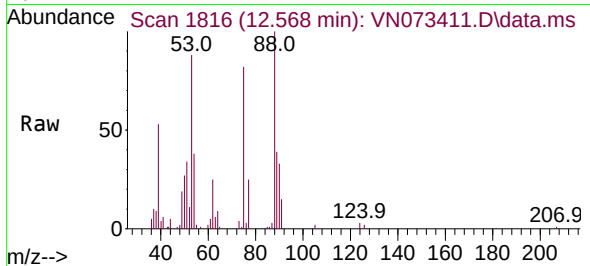




#81
trans-1,4-Dichloro-2-butene
Concen: 17.390 ug/l
RT: 12.568 min Scan# 1815
Delta R.T. 0.005 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

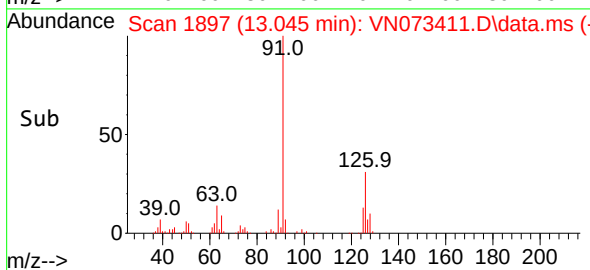
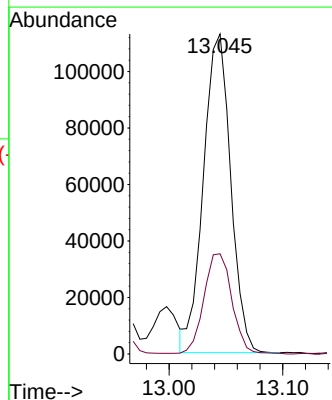
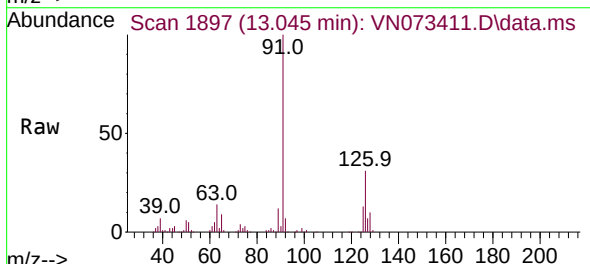
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

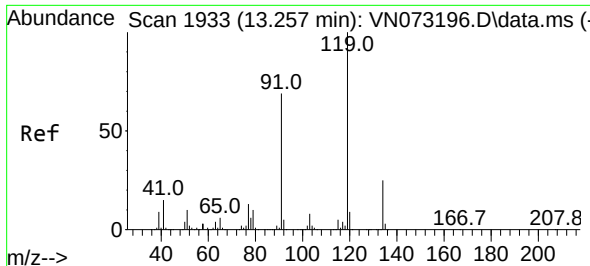
Tgt Ion: 75 Resp: 27480
Ion Ratio Lower Upper
75 100
53 111.9 78.0 117.0
89 47.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.314 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 91 Resp: 188155
Ion Ratio Lower Upper
91 100
126 32.4 17.2 51.6

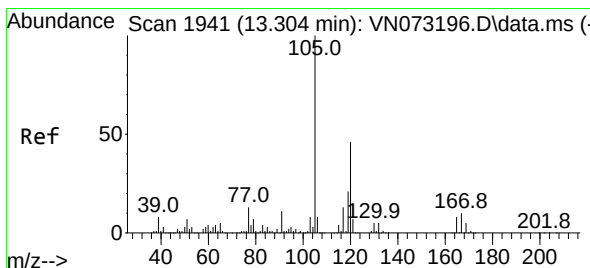
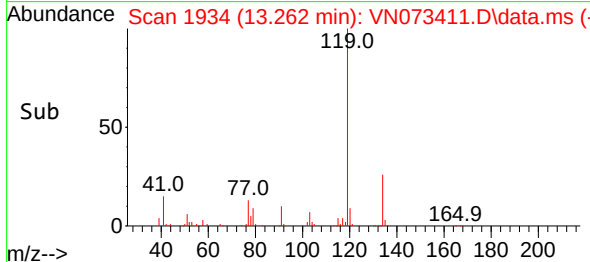
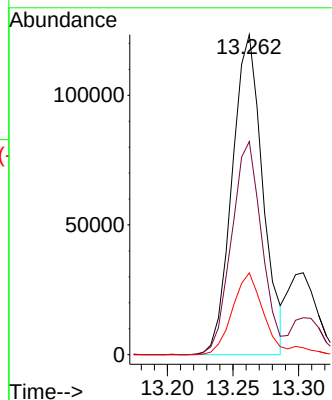
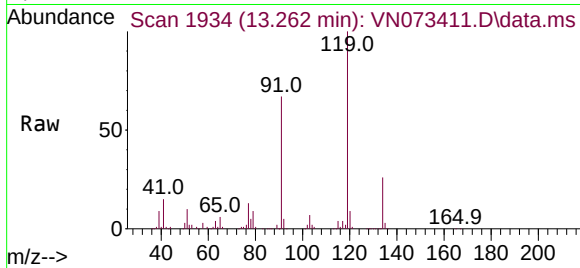




#83
tert-Butylbenzene
Concen: 19.210 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. 0.005 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

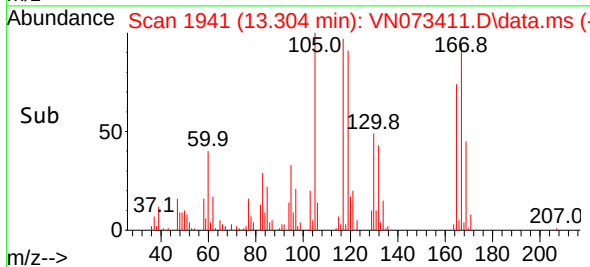
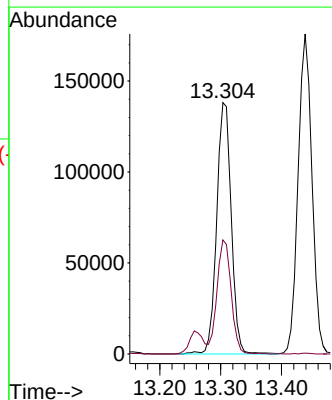
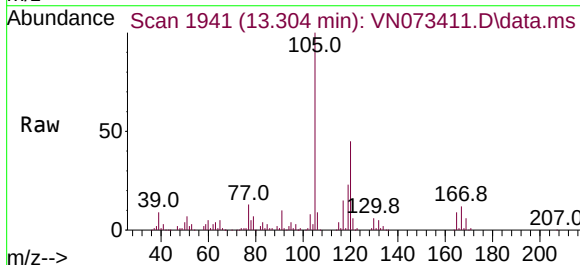
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

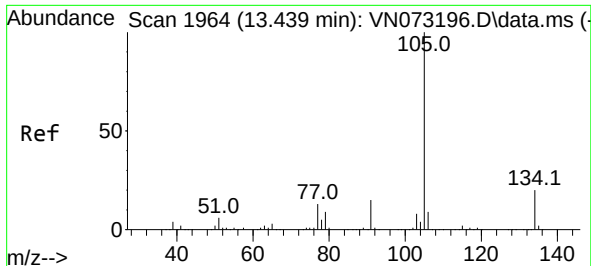
Tgt Ion:119 Resp: 200903
Ion Ratio Lower Upper
119 100
91 65.9 31.6 94.8
134 25.4 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 19.664 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion:105 Resp: 229018
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8

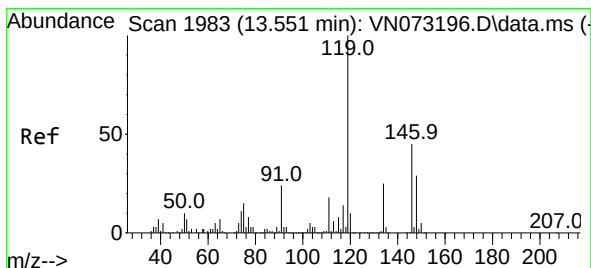
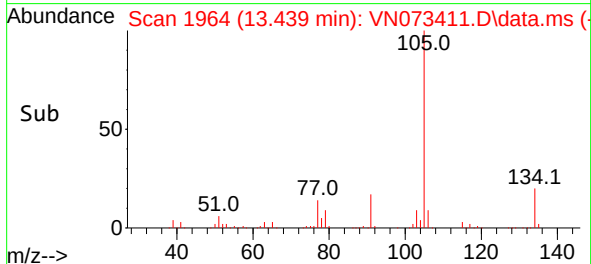
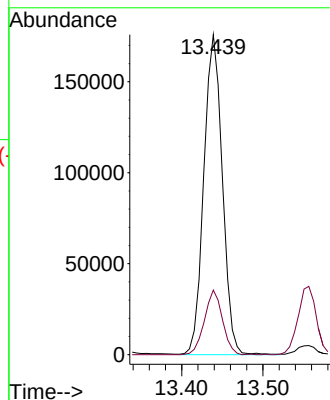
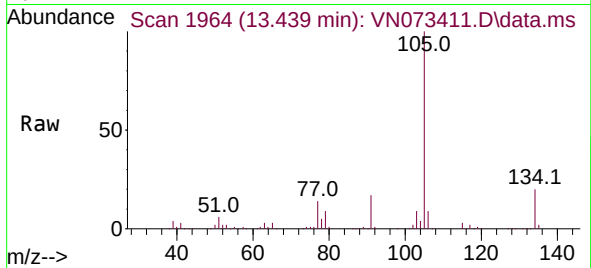




#85
 sec-Butylbenzene
 Concen: 19.835 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

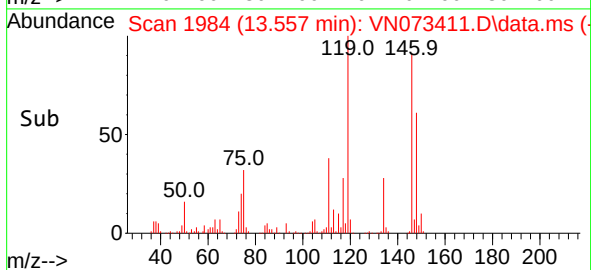
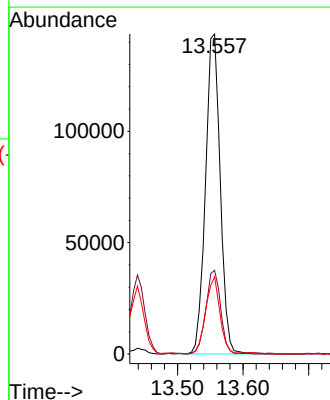
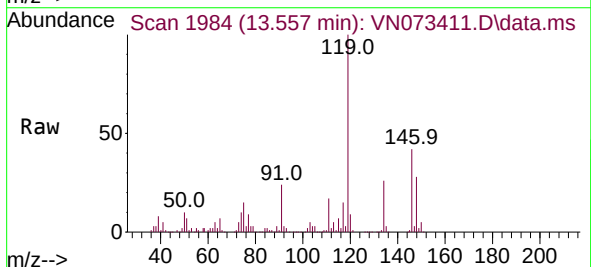
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBS01

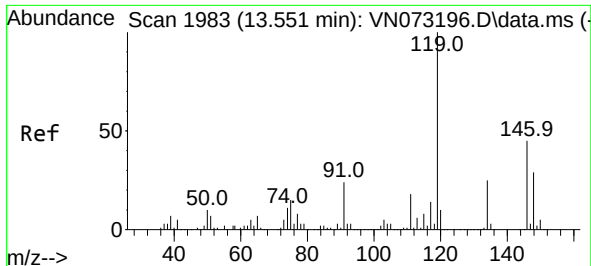
Tgt Ion:105 Resp: 278546
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.873 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073411.D
 Acq: 11 Jul 2022 11:41

Tgt Ion:119 Resp: 225439
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.789 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

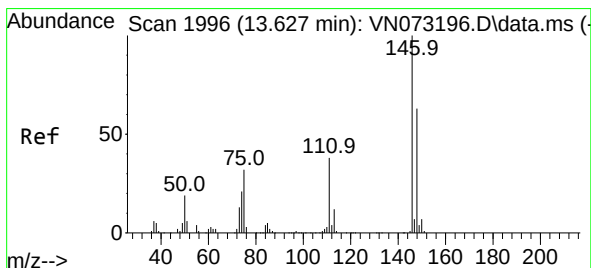
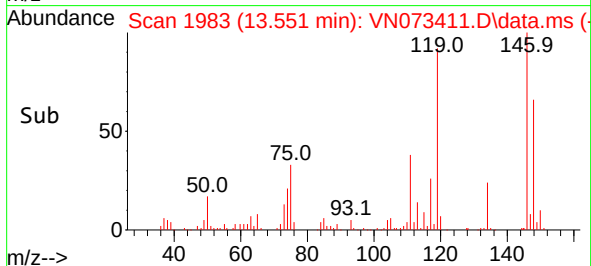
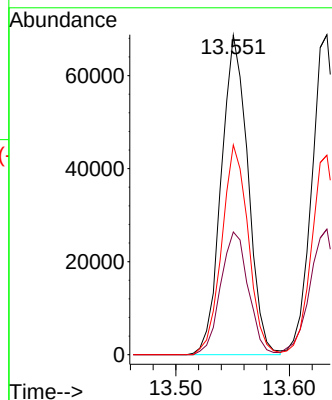
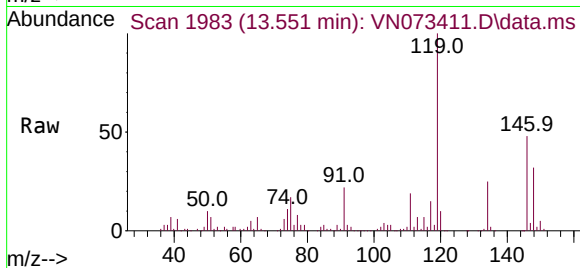
Tgt Ion:146 Resp: 112162

Ion Ratio Lower Upper

146 100

111 39.8 20.0 60.0

148 65.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.806 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

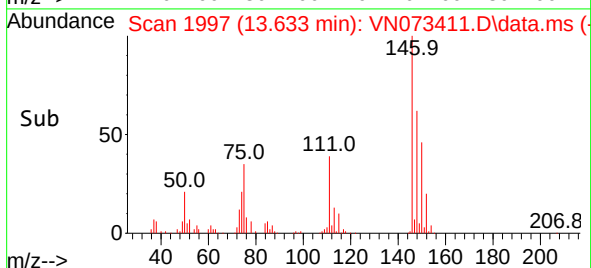
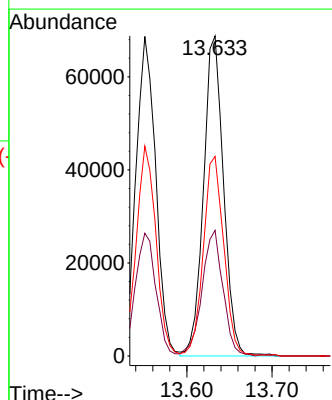
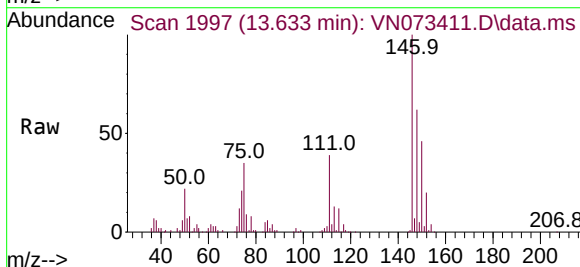
Tgt Ion:146 Resp: 112479

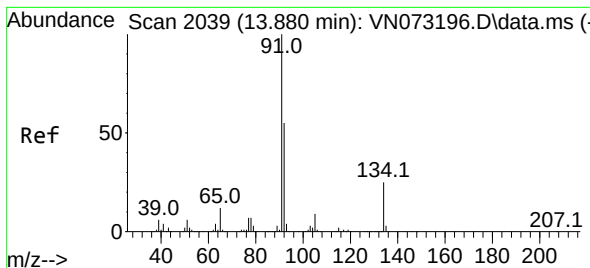
Ion Ratio Lower Upper

146 100

111 40.9 19.1 57.1

148 63.1 31.4 94.3





#89

n-Butylbenzene

Concen: 19.143 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

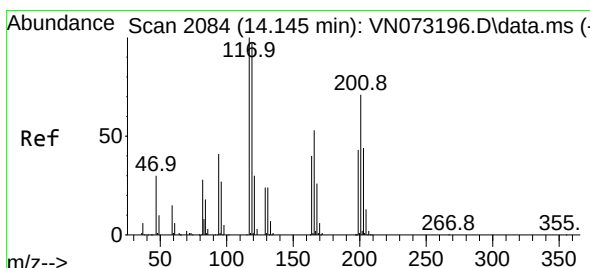
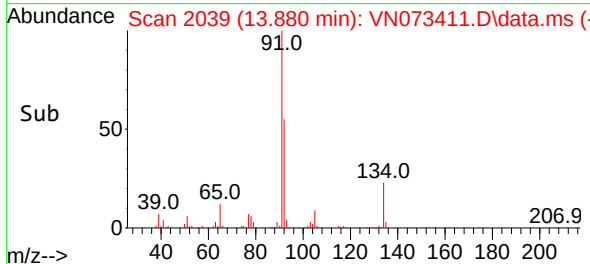
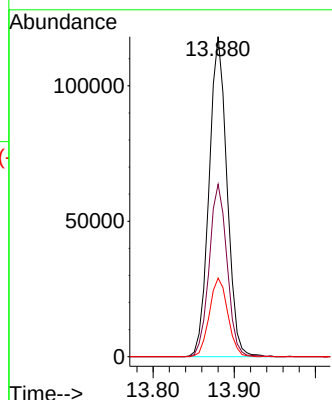
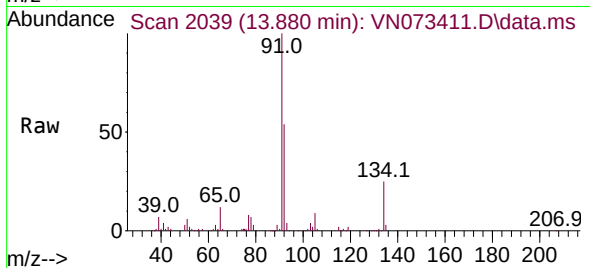
Tgt Ion: 91 Resp: 180958

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.7

134 25.2 13.6 40.8



#90

Hexachloroethane

Concen: 19.665 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. -0.000 min

Lab File: VN073411.D

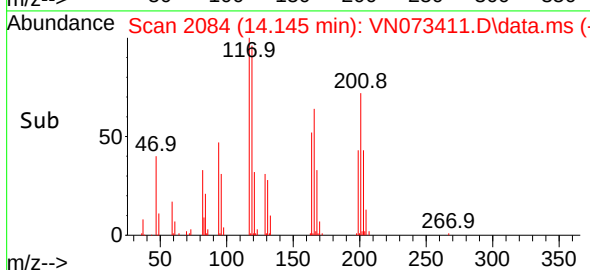
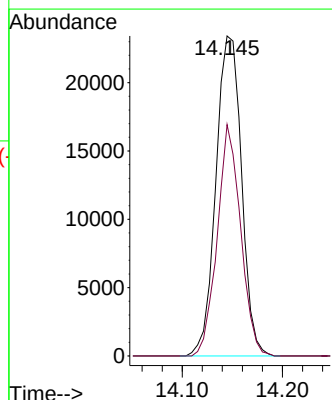
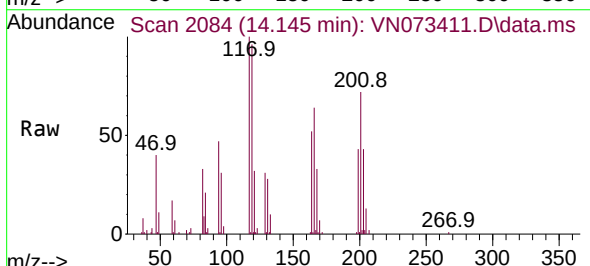
Acq: 11 Jul 2022 11:41

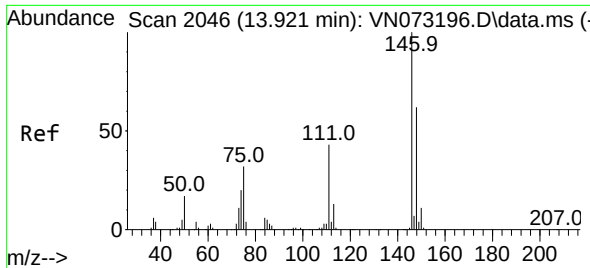
Tgt Ion: 117 Resp: 41575

Ion Ratio Lower Upper

117 100

201 65.9 40.6 122.0

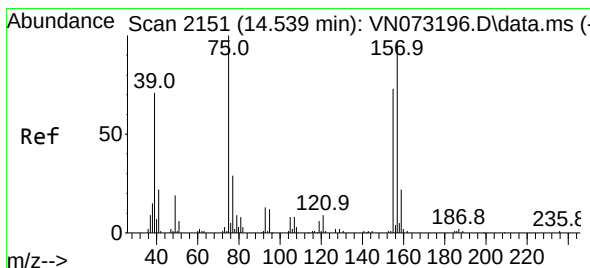
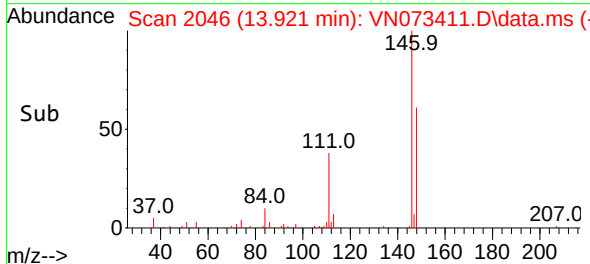
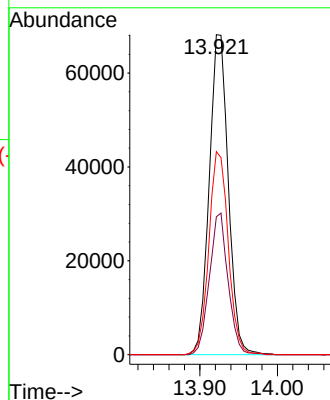
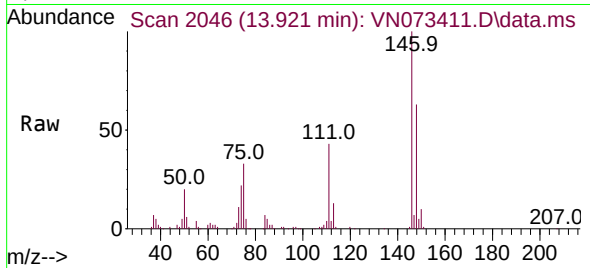




#91
1,2-Dichlorobenzene
Concen: 19.170 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

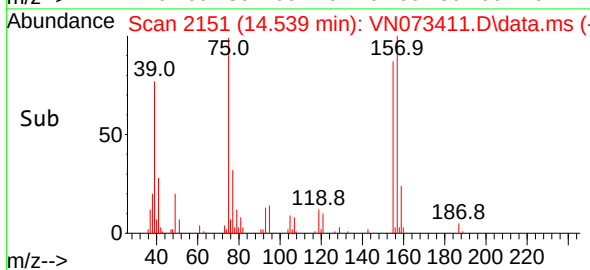
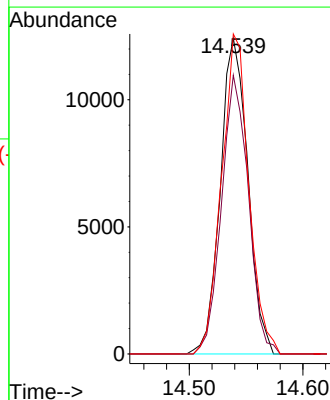
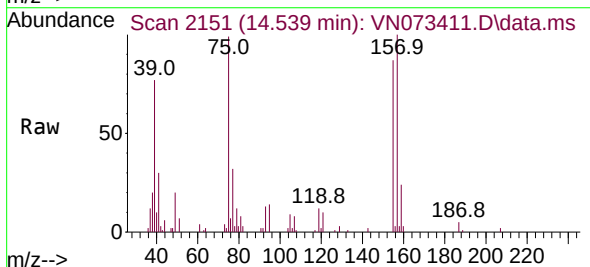
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBS01

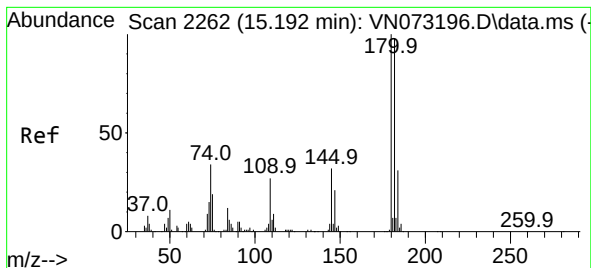
Tgt Ion:146 Resp: 116572
Ion Ratio Lower Upper
146 100
111 43.3 20.9 62.8
148 64.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.094 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073411.D
Acq: 11 Jul 2022 11:41

Tgt Ion: 75 Resp: 20886
Ion Ratio Lower Upper
75 100
155 86.0 44.9 134.5
157 100.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.173 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

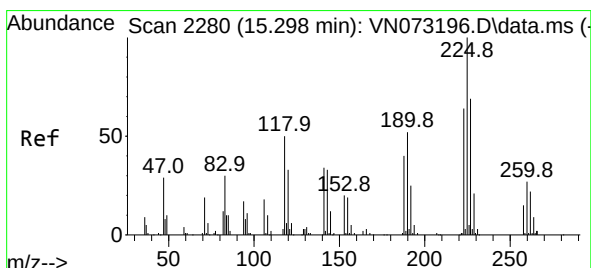
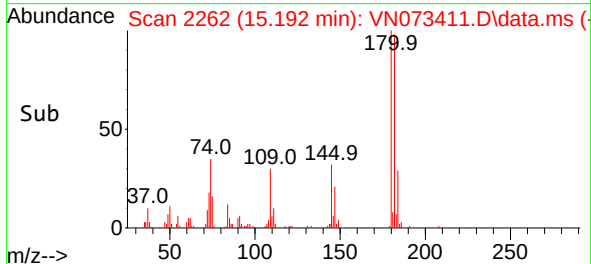
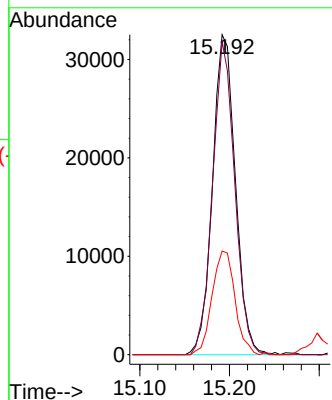
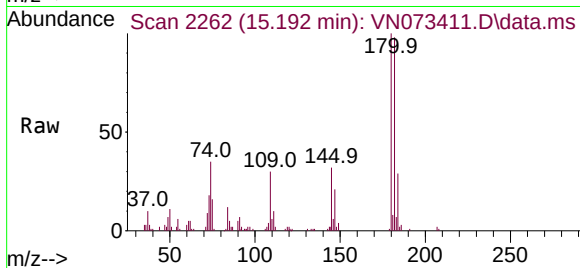
Tgt Ion:180 Resp: 57541

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 32.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.914 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

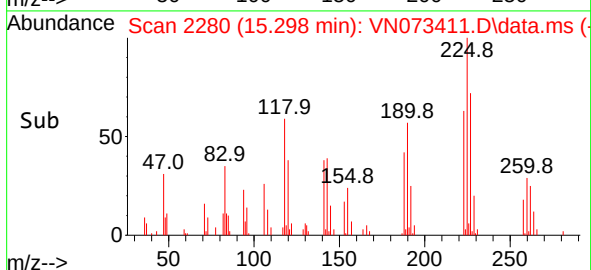
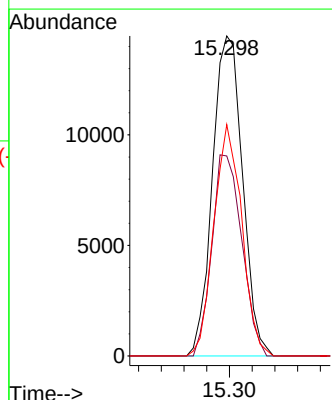
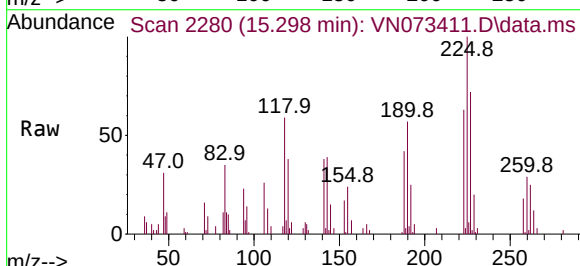
Tgt Ion:225 Resp: 26622

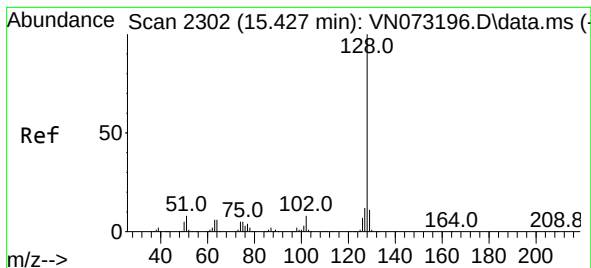
Ion Ratio Lower Upper

225 100

223 62.4 32.4 97.2

227 67.1 31.8 95.4





#95

Naphthalene

Concen: 16.659 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBS01

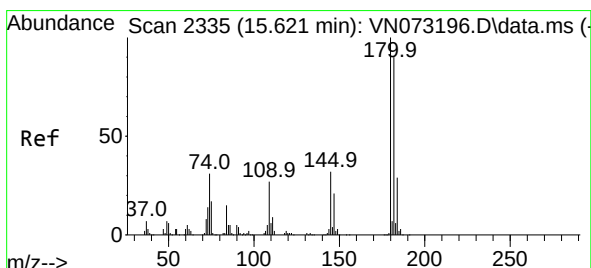
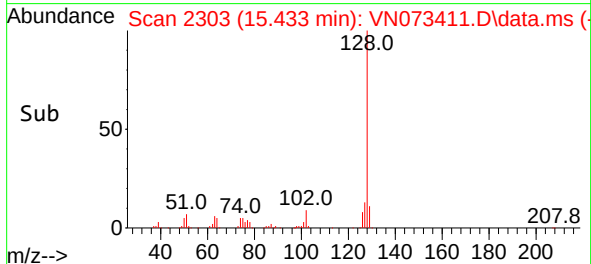
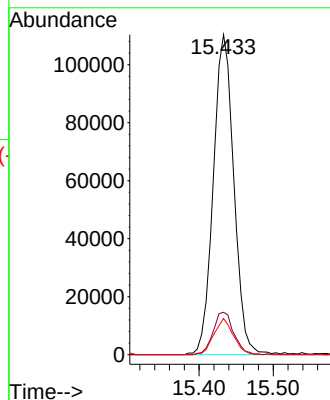
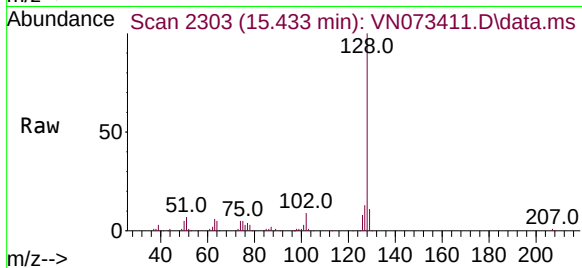
Tgt Ion:128 Resp: 212788

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.427 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073411.D

Acq: 11 Jul 2022 11:41

Tgt Ion:180 Resp: 60186

Ion Ratio Lower Upper

180 100

182 92.7 47.8 143.3

145 33.4 15.5 46.5

