

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073446.D
 Acq On : 13 Jul 2022 13:33
 Operator : JC\MD
 Sample : VN0713MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

Quant Time: Jul 14 07:02:32 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	233915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	395682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	358956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	172469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185196	54.843	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.680%	
35) Dibromofluoromethane	7.951	113	146053	55.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.960%	
50) Toluene-d8	10.380	98	497551	53.215	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.420%	
62) 4-Bromofluorobenzene	12.668	95	197430	54.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	57606	16.845	ug/l	98
3) Chloromethane	2.269	50	52622	15.849	ug/l	94
4) Vinyl Chloride	2.404	62	45121	15.994	ug/l	100
5) Bromomethane	2.804	94	24535	18.414	ug/l	89
6) Chloroethane	2.963	64	29402	17.718	ug/l #	87
7) Trichlorofluoromethane	3.322	101	84444	17.314	ug/l	96
8) Diethyl Ether	3.769	74	35539	17.900	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	50449	17.506	ug/l	97
10) Methyl Iodide	4.351	142	45081	14.491	ug/l	91
11) Tert butyl alcohol	5.292	59	76321	93.300	ug/l	99
12) 1,1-Dichloroethene	4.116	96	45485	16.518	ug/l	94
13) Acrolein	3.987	56	22536	43.586	ug/l	96
14) Allyl chloride	4.757	41	105403	18.170	ug/l #	91
15) Acrylonitrile	5.475	53	212913	101.108	ug/l	99
16) Acetone	4.222	43	209214	110.376	ug/l	96
17) Carbon Disulfide	4.457	76	104375	14.618	ug/l	99
18) Methyl Acetate	4.775	43	114683	21.590	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	182987	18.233	ug/l	99
20) Methylene Chloride	5.010	84	58244	17.485	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	48027	16.692	ug/l	99
22) Diisopropyl ether	6.410	45	212076	19.592	ug/l #	95
23) Vinyl Acetate	6.351	43	891891	92.027	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	106393	18.993	ug/l	99
25) 2-Butanone	7.257	43	316709	104.947	ug/l #	87
26) 2,2-Dichloropropane	7.239	77	87201	16.832	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	60792	17.447	ug/l	92
28) Bromochloromethane	7.580	49	60709	25.877	ug/l #	80
29) Tetrahydrofuran	7.610	42	209296	101.288	ug/l #	85
30) Chloroform	7.745	83	106363	18.852	ug/l	95
31) Cyclohexane	8.016	56	94071	17.010	ug/l	86
32) 1,1,1-Trichloroethane	7.945	97	88007	17.504	ug/l	98
36) 1,1-Dichloropropene	8.151	75	73463	18.136	ug/l	95
37) Ethyl Acetate	7.339	43	118060	19.289	ug/l #	94
38) Carbon Tetrachloride	8.133	117	73646	17.581	ug/l	87
39) Methylcyclohexane	9.392	83	86216	17.096	ug/l	92
40) Benzene	8.386	78	228799	18.302	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	53847	18.141	ug/l	89
42) 1,2-Dichloroethane	8.463	62	86227	19.028	ug/l	99
43) Isopropyl Acetate	8.492	43	171689	19.519	ug/l	93
44) Trichloroethene	9.145	130	54925	17.265	ug/l	87
45) 1,2-Dichloropropane	9.427	63	60216	18.899	ug/l	100
46) Dibromomethane	9.510	93	40476	18.709	ug/l	89
47) Bromodichloromethane	9.698	83	80211	19.143	ug/l #	99
48) Methyl methacrylate	9.492	41	72868	17.892	ug/l	91
49) 1,4-Dioxane	9.498	88	32535	420.806	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	595503	106.757	ug/l	89
52) Toluene	10.439	92	142224	18.409	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	83538	18.110	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	90775	18.228	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	58613	18.429	ug/l	93
56) Ethyl methacrylate	10.698	69	91836	17.864	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	104503	19.167	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.980	63	196051	85.512	ug/l	92
59) 2-Hexanone	11.027	43	451960	106.292	ug/l	88
60) Dibromochloromethane	11.180	129	58366	19.248	ug/l	99
61) 1,2-Dibromoethane	11.286	107	57518	18.106	ug/l	97
64) Tetrachloroethene	10.916	164	51384	17.530	ug/l	96
65) Chlorobenzene	11.710	112	144514	17.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	55127	18.462	ug/l	96
67) Ethyl Benzene	11.780	91	265812	18.035	ug/l	98
68) m/p-Xylenes	11.892	106	199453	35.858	ug/l	96
69) o-Xylene	12.221	106	99170	17.465	ug/l	94
70) Styrene	12.233	104	160035	18.255	ug/l	98
71) Bromoform	12.398	173	39626	18.136	ug/l #	100
73) Isopropylbenzene	12.515	105	256070	17.194	ug/l	98
74) N-amyl acetate	12.327	43	121169	16.248	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	93481	18.915	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	120068	26.624	ug/l #	1
77) Bromobenzene	12.798	156	56635	16.356	ug/l	81
78) n-propylbenzene	12.857	91	295750	17.875	ug/l	97
79) 2-Chlorotoluene	12.945	91	185192	17.685	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	212991	17.546	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	26859	16.334	ug/l	87
82) 4-Chlorotoluene	13.045	91	176896	17.449	ug/l	95
83) tert-Butylbenzene	13.262	119	184561	16.958	ug/l	93
84) 1,2,4-Trimethylbenzene	13.310	105	212927	17.568	ug/l	97
85) sec-Butylbenzene	13.439	105	261154	17.870	ug/l	99
86) p-Isopropyltoluene	13.557	119	209456	17.743	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	106720	17.179	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	106372	17.090	ug/l	98
89) n-Butylbenzene	13.880	91	171863	17.471	ug/l	97
90) Hexachloroethane	14.145	117	38014	17.279	ug/l	83
91) 1,2-Dichlorobenzene	13.927	146	110023	17.386	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20229	16.840	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	53543	16.250	ug/l	98
94) Hexachlorobutadiene	15.304	225	24740	16.890	ug/l	98
95) Naphthalene	15.433	128	207752	15.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	55856	16.433	ug/l	95

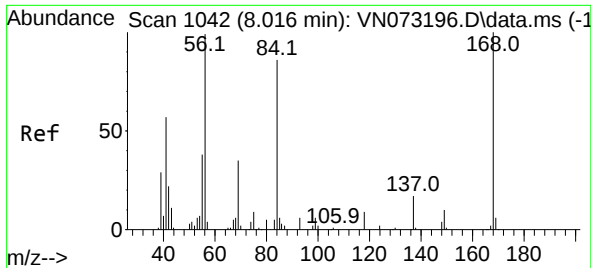
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Response via : Initial Calibration

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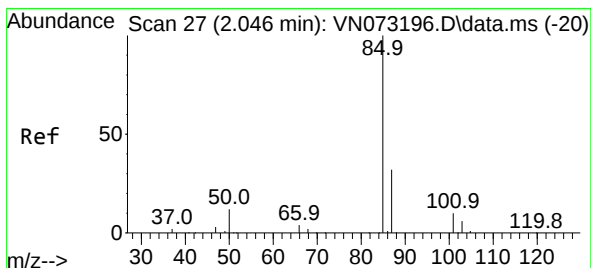
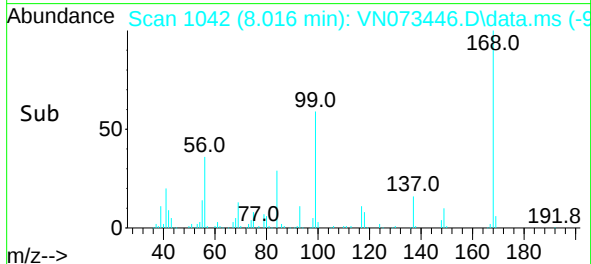
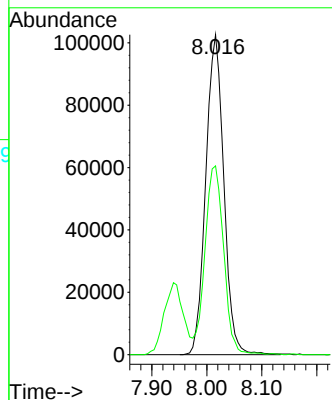
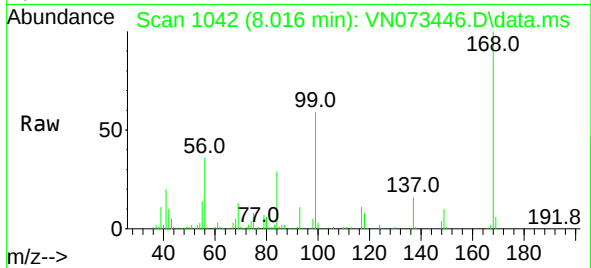
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073446.D
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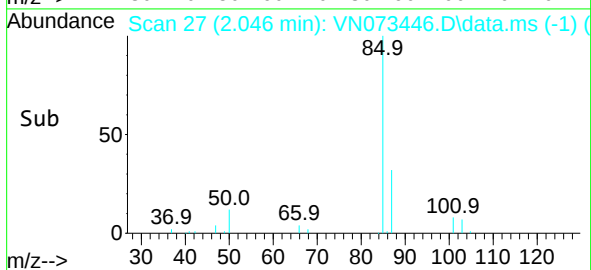
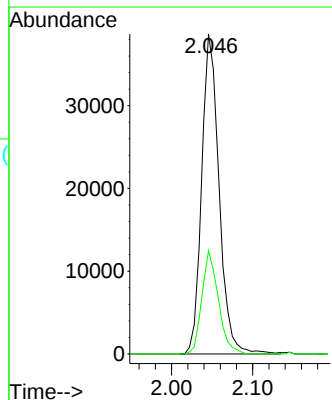
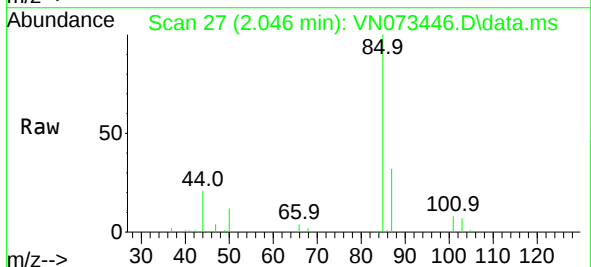
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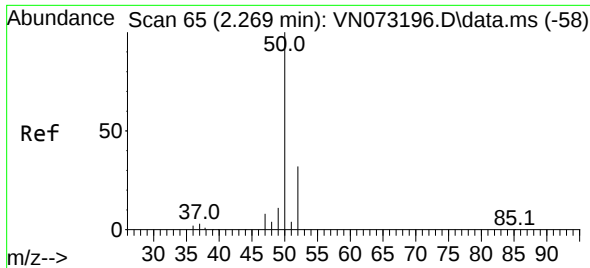
Tgt Ion:168 Resp: 233915
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 16.845 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 85 Resp: 57606
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1

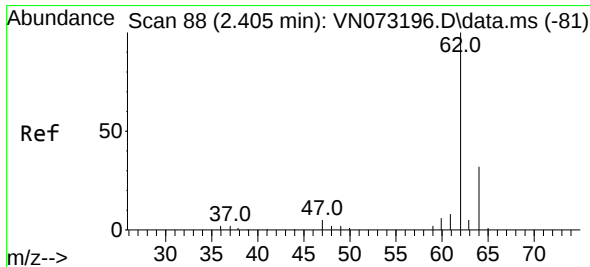
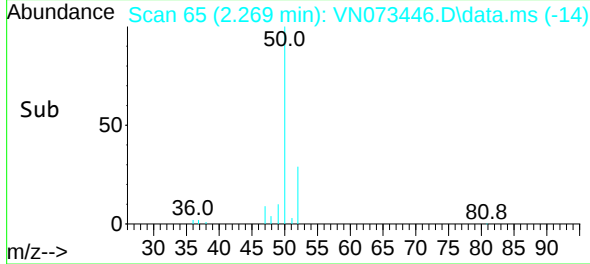
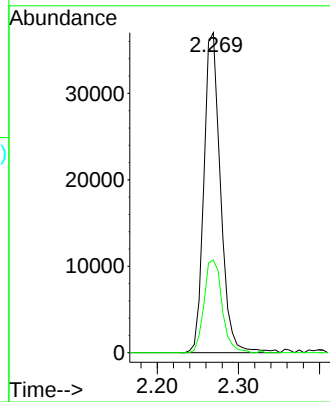
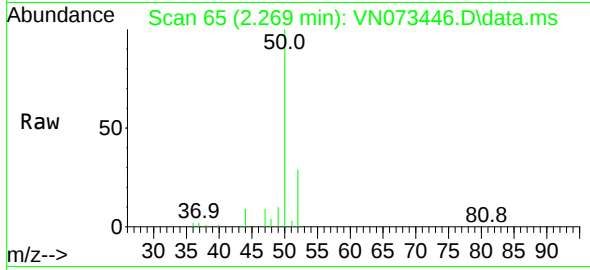




#3
Chloromethane
Concen: 15.849 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

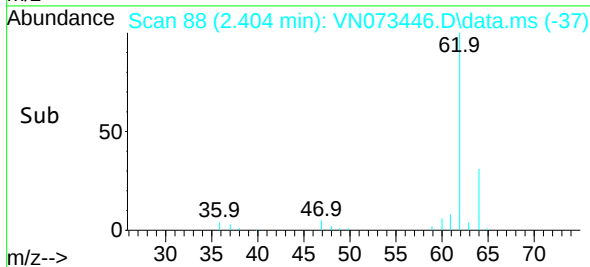
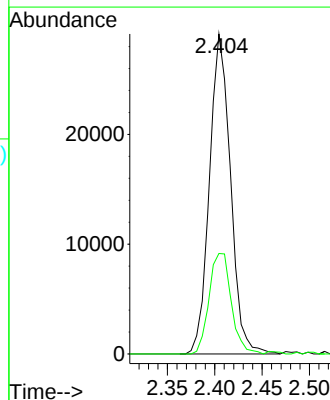
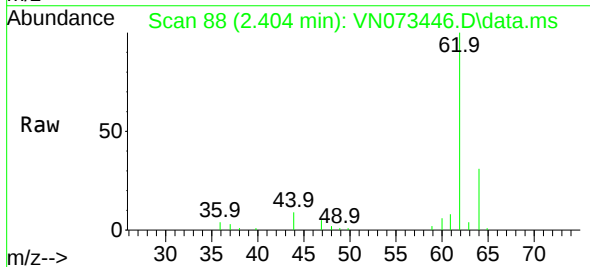
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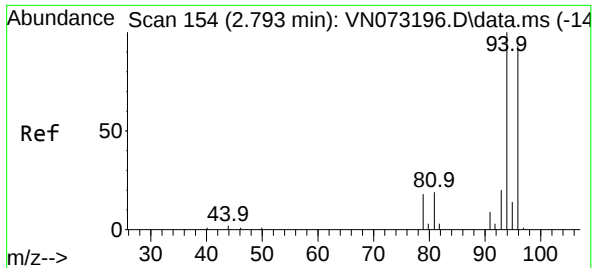
Tgt Ion: 50 Resp: 52622
Ion Ratio Lower Upper
50 100
52 29.0 25.7 38.5



#4
Vinyl Chloride
Concen: 15.994 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 62 Resp: 45121
Ion Ratio Lower Upper
62 100
64 31.4 25.0 37.4

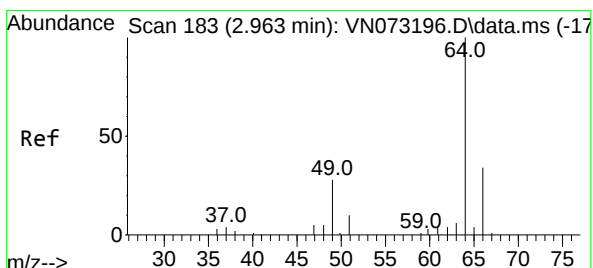
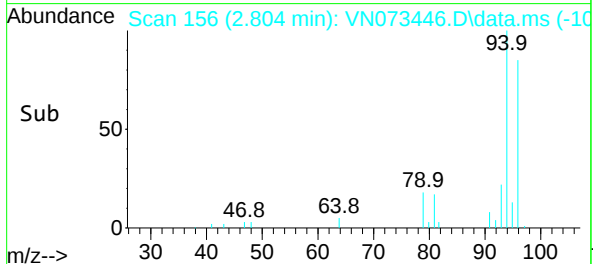
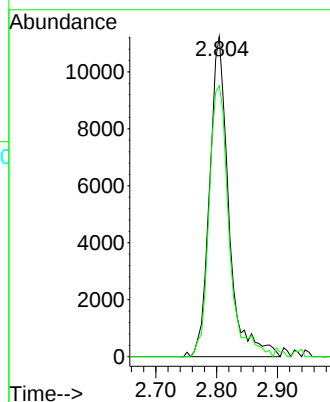
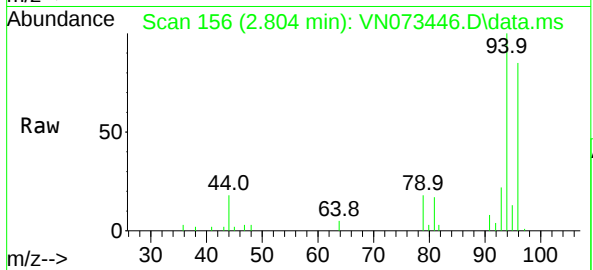




#5
Bromomethane
Concen: 18.414 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

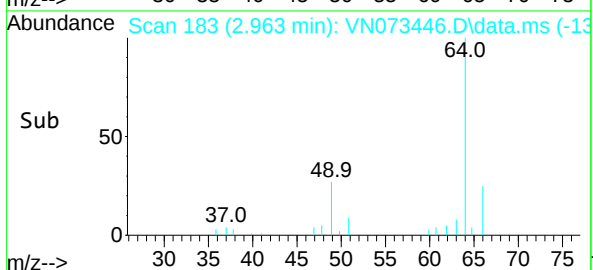
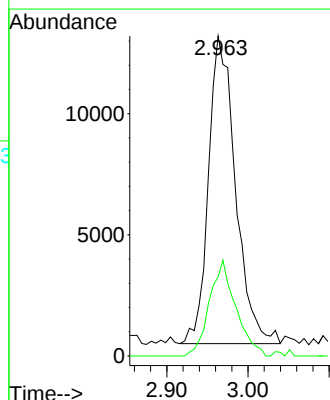
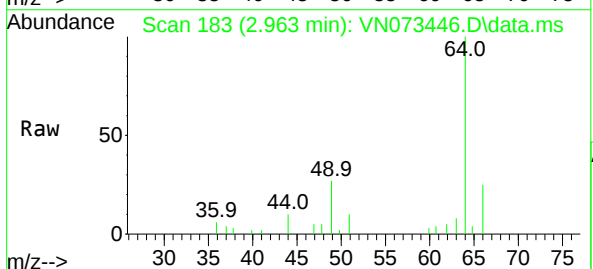
Instrument :
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Tgt Ion: 94 Resp: 24535
Ion Ratio Lower Upper
94 100
96 84.7 76.0 114.0



#6
Chloroethane
Concen: 17.718 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 64 Resp: 29402
Ion Ratio Lower Upper
64 100
66 25.7 26.2 39.4#

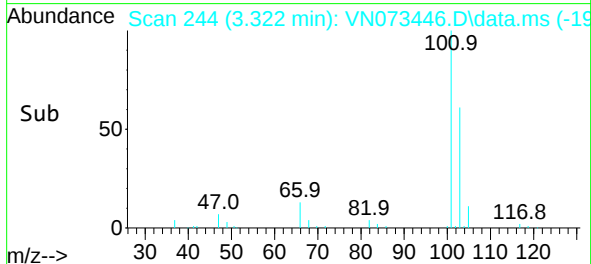
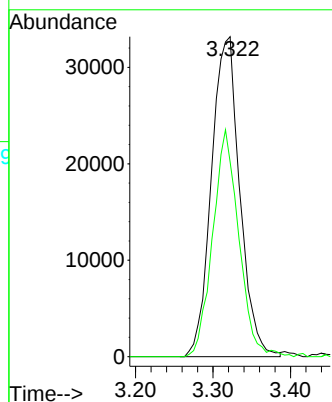
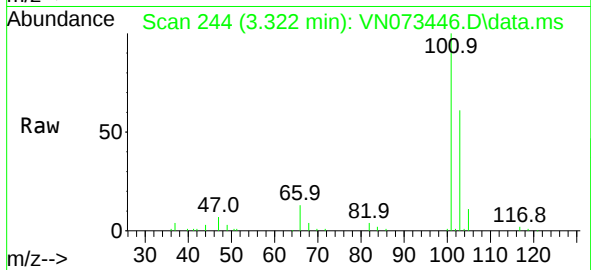




#7
 Trichlorofluoromethane
 Concen: 17.314 ug/l
 RT: 3.322 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VN073446.D
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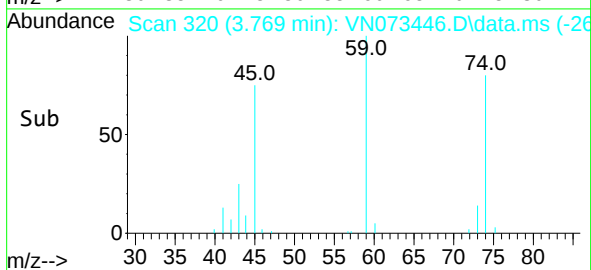
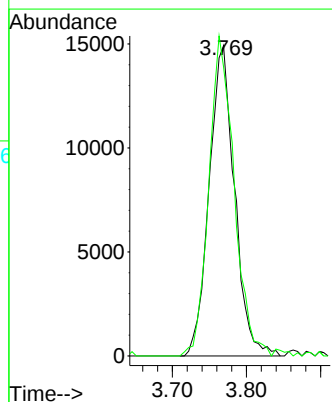
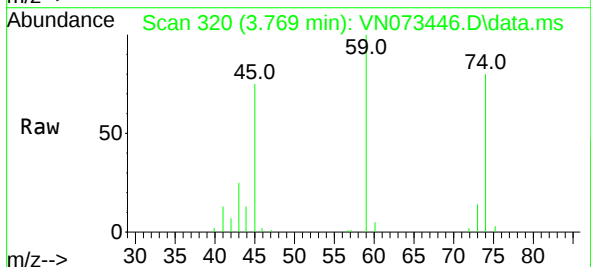
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Tgt Ion:101 Resp: 84444
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 17.900 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

Tgt Ion: 74 Resp: 35539
 Ion Ratio Lower Upper
 74 100
 45 102.4 42.9 128.5

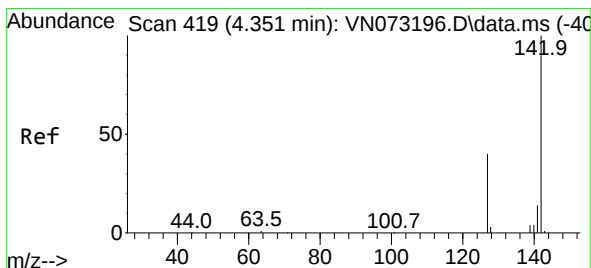
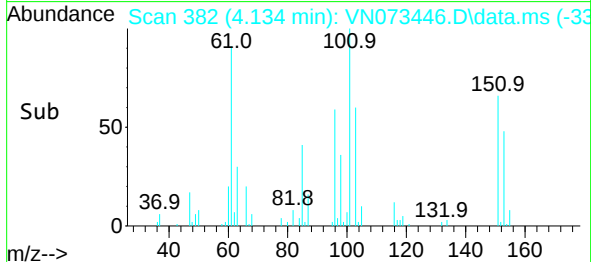
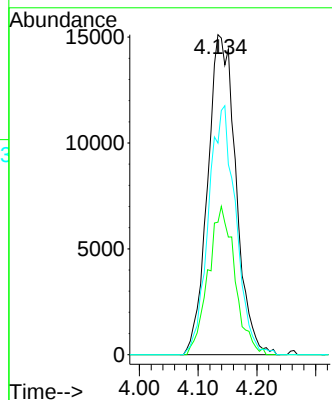
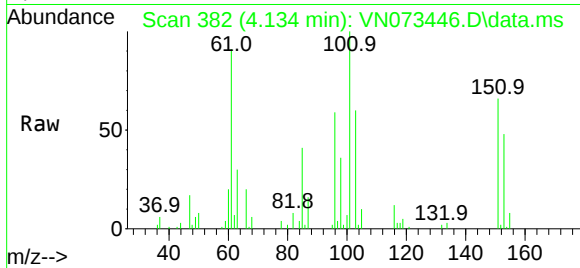




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.506 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

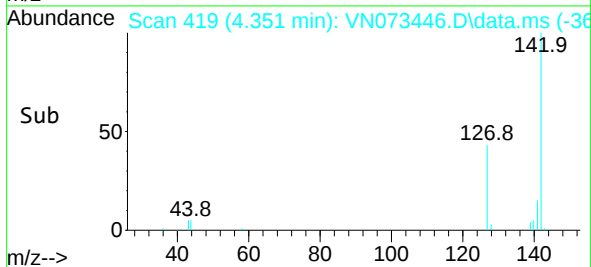
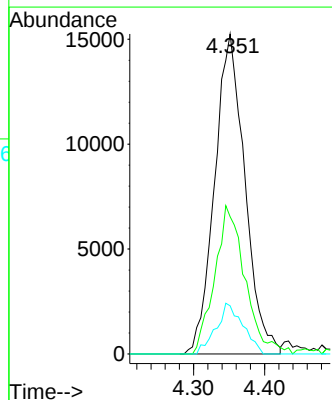
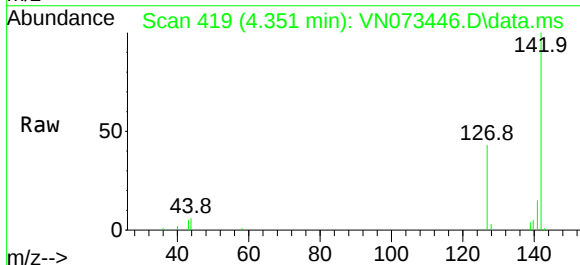
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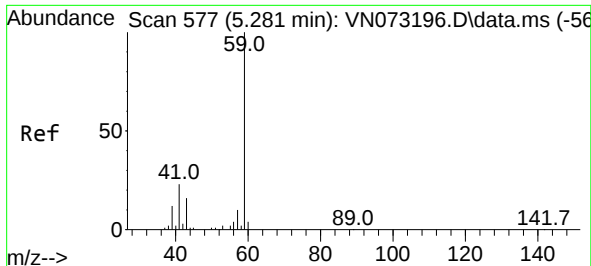
Tgt Ion:101 Resp: 50449
Ion Ratio Lower Upper
101 100
85 43.7 34.7 52.1
151 75.2 63.0 94.4



#10
Methyl Iodide
Concen: 14.491 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion:142 Resp: 45081
Ion Ratio Lower Upper
142 100
127 46.4 31.3 46.9
141 14.0 11.2 16.8

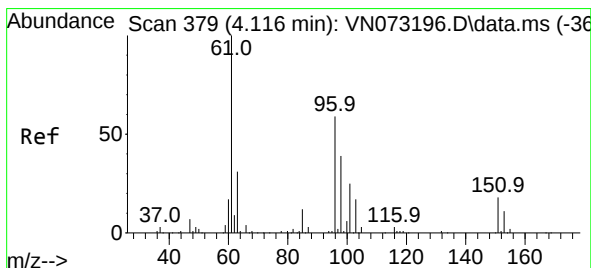
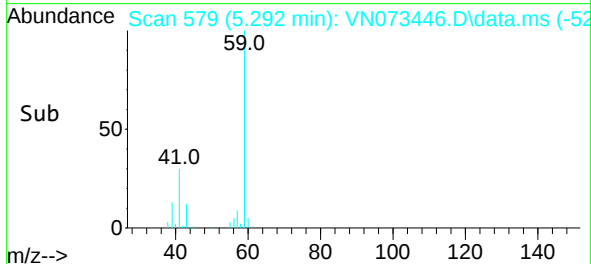
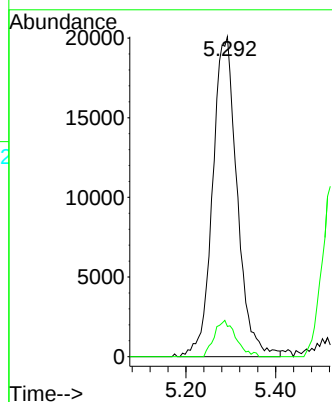
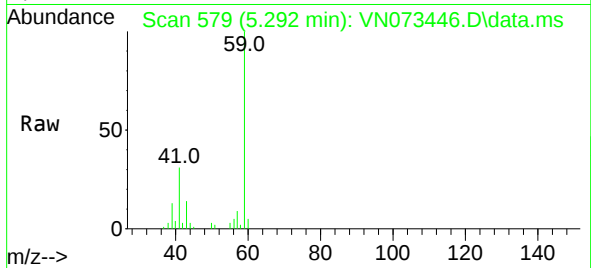




#11
Tert butyl alcohol
Concen: 93.300 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

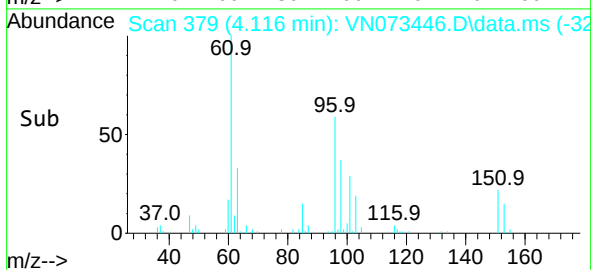
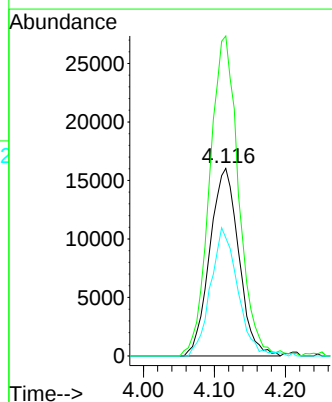
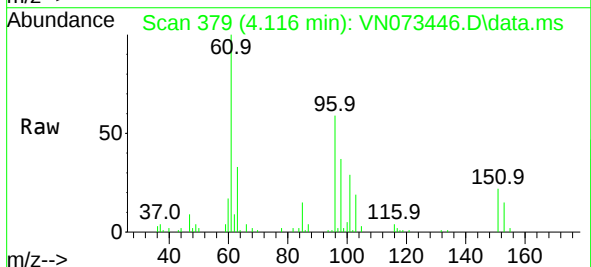
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

Tgt Ion: 59 Resp: 76321
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 16.518 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 96 Resp: 45485
Ion Ratio Lower Upper
96 100
61 170.6 127.6 191.4
98 62.9 51.2 76.8





#13

Acrolein

Concen: 43.586 ug/l

RT: 3.987 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

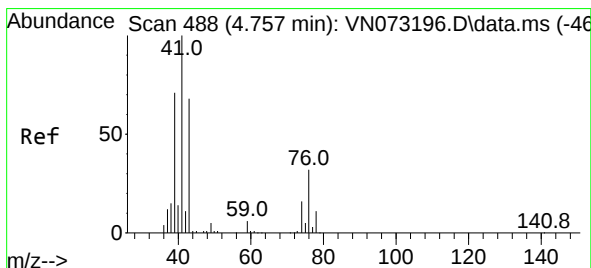
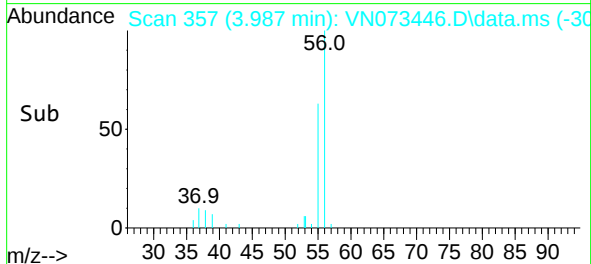
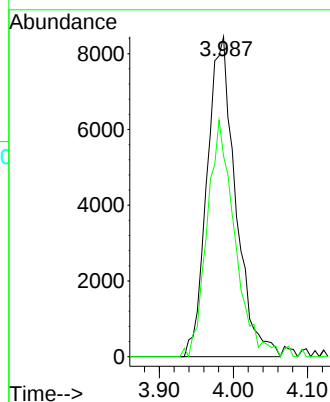
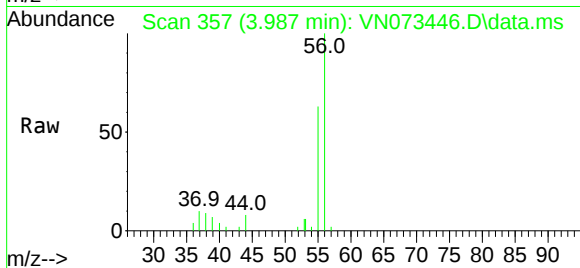
VN0713MBS01

Tgt Ion: 56 Resp: 22536

Ion Ratio Lower Upper

56 100

55 71.7 54.8 82.2



#14

Allyl chloride

Concen: 18.170 ug/l

RT: 4.757 min Scan# 488

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

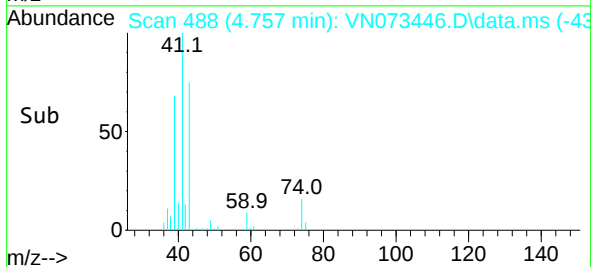
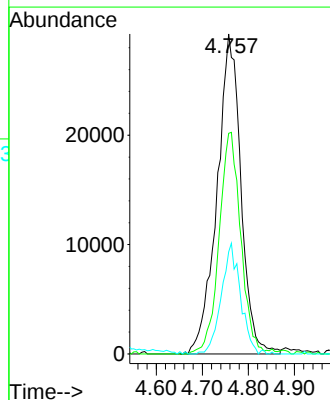
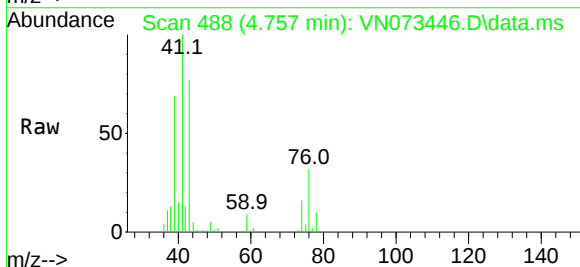
Tgt Ion: 41 Resp: 105403

Ion Ratio Lower Upper

41 100

39 62.7 53.2 79.8

76 27.5 29.9 44.9#

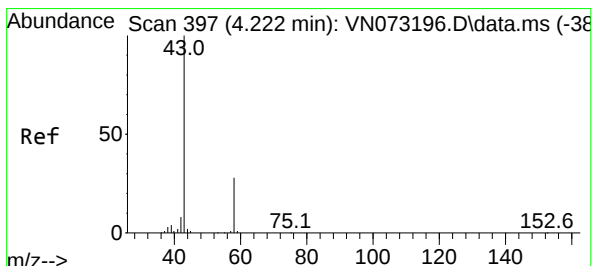
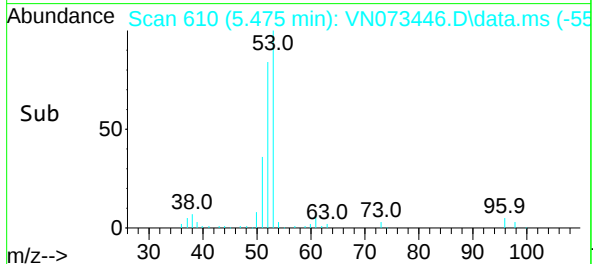
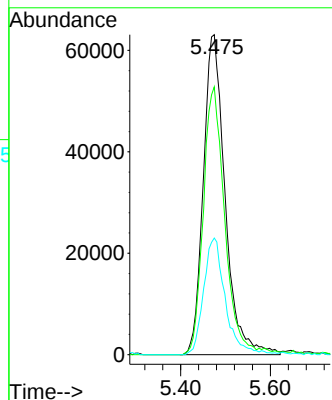
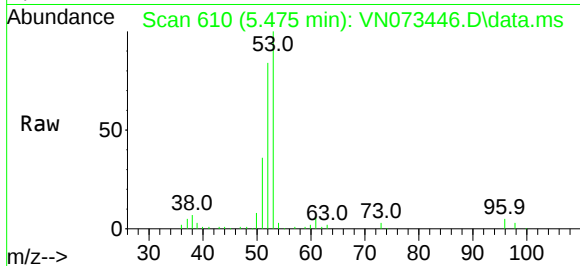




#15
Acrylonitrile
Concen: 101.108 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

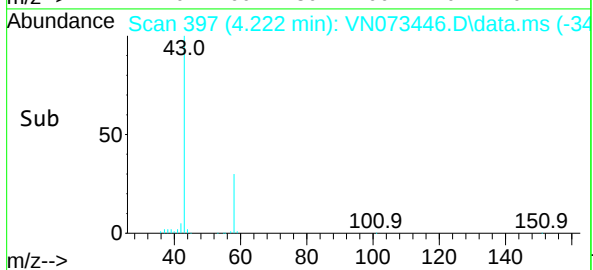
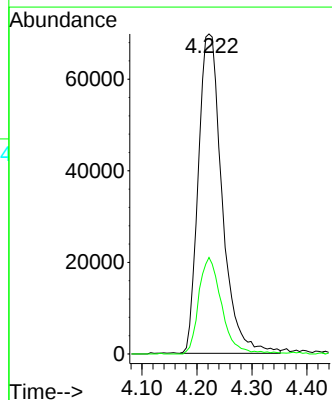
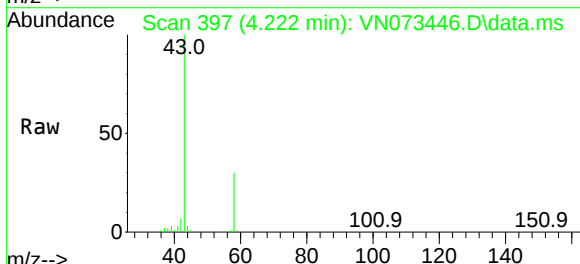
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

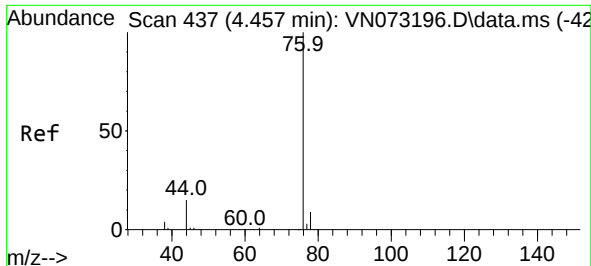
Tgt Ion: 53 Resp: 212913
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 36.3 28.5 42.7



#16
Acetone
Concen: 110.376 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 43 Resp: 209214
Ion Ratio Lower Upper
43 100
58 30.2 26.0 39.0

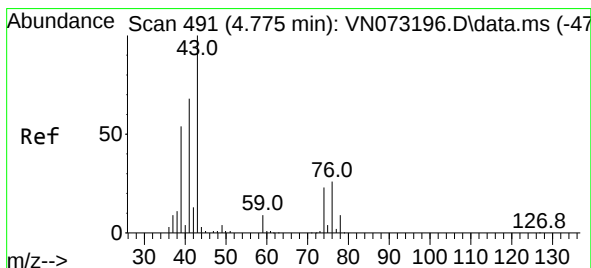
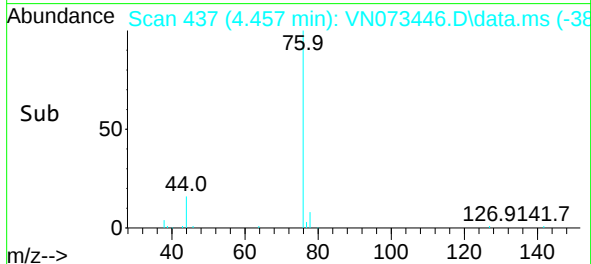
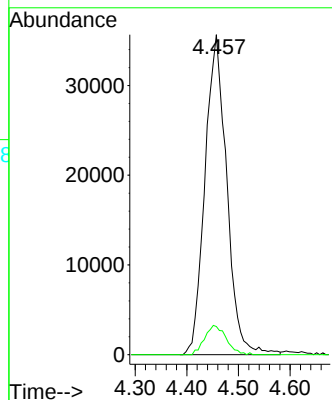
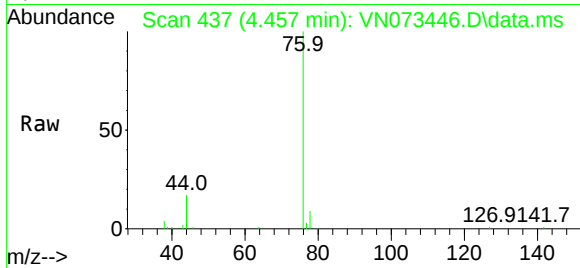




#17
Carbon Disulfide
Concen: 14.618 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

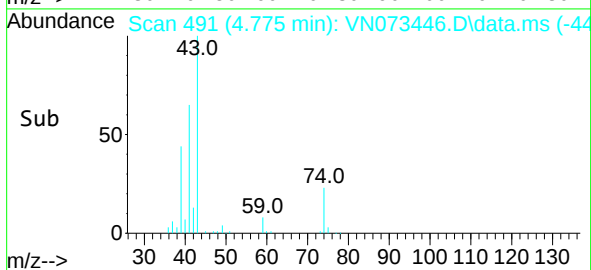
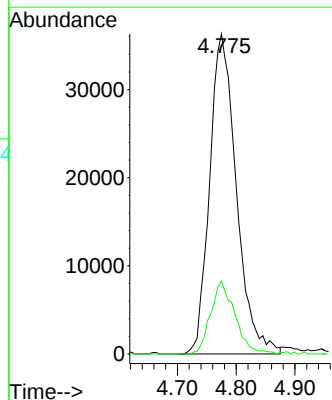
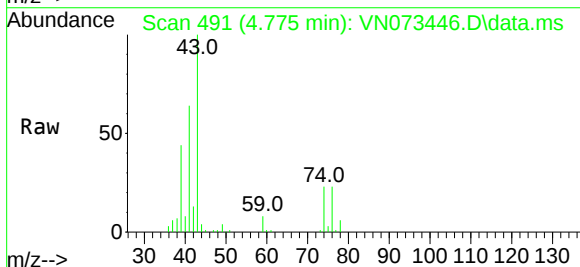
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

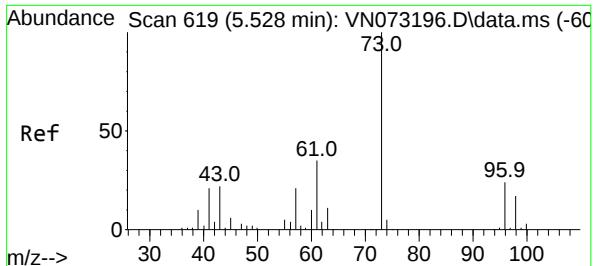
Tgt Ion: 76 Resp: 104375
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 21.590 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 43 Resp: 114683
Ion Ratio Lower Upper
43 100
74 20.7 21.6 32.4#

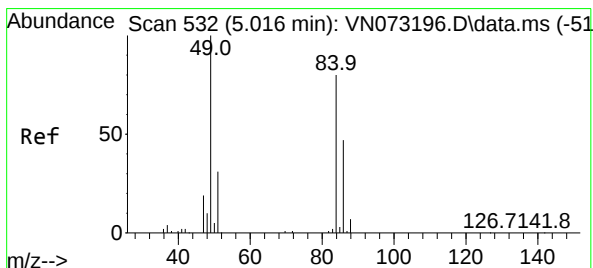
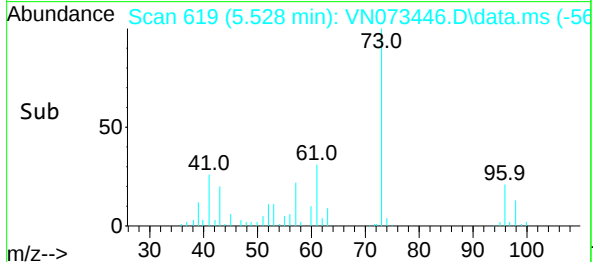
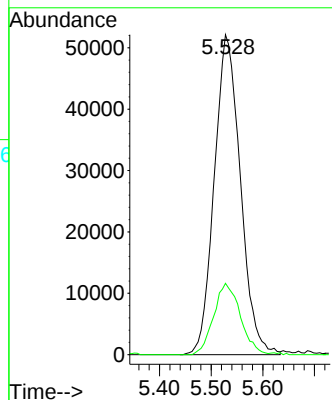
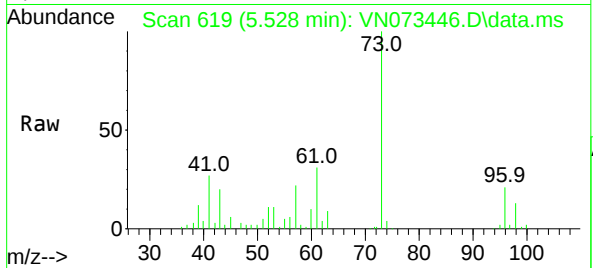




#19
Methyl tert-butyl Ether
Concen: 18.233 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

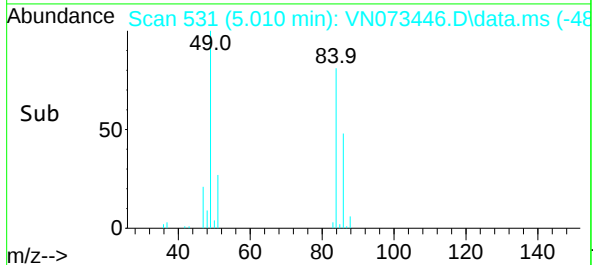
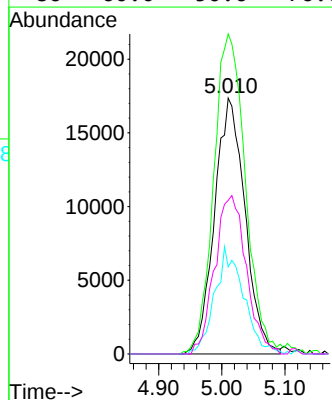
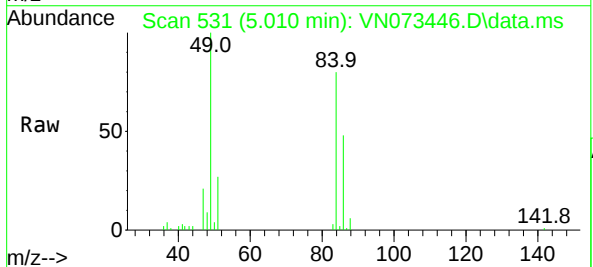
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

Tgt Ion: 73 Resp: 182987
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#20
Methylene Chloride
Concen: 17.485 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 84 Resp: 58244
Ion Ratio Lower Upper
84 100
49 125.1 88.3 132.5
51 34.0 28.2 42.2
86 60.0 50.6 76.0

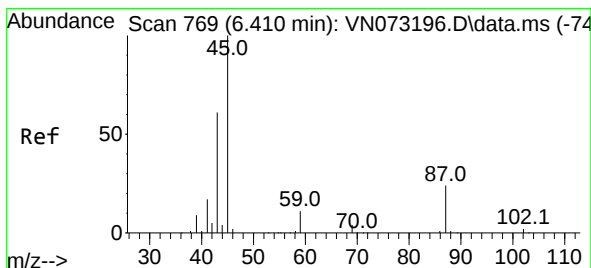
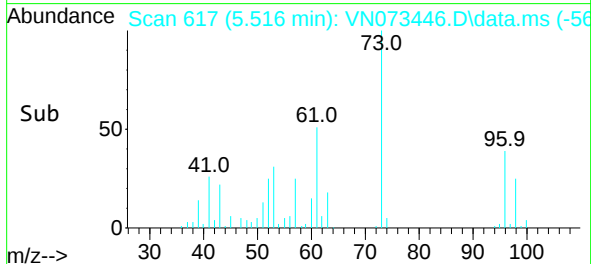
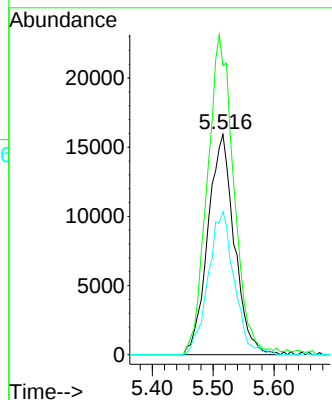
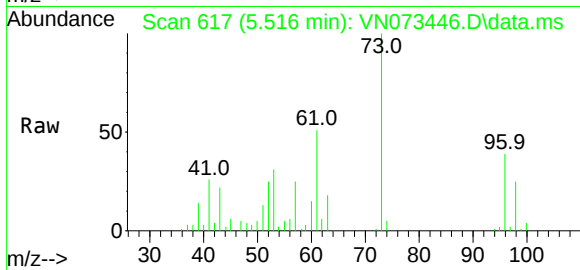




#21
trans-1,2-Dichloroethene
Concen: 16.692 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

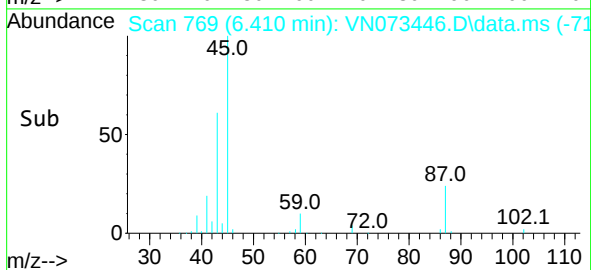
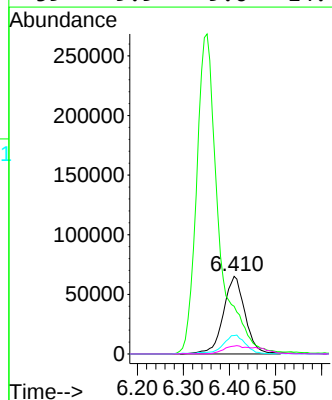
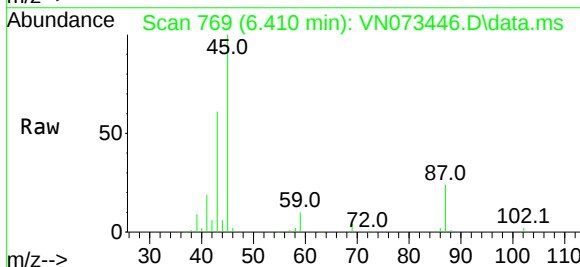
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

Tgt Ion: 96 Resp: 48027
Ion Ratio Lower Upper
96 100
61 131.3 105.8 158.8
98 65.0 50.3 75.5



#22
Diisopropyl ether
Concen: 19.592 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 45 Resp: 212076
Ion Ratio Lower Upper
45 100
43 58.5 46.6 70.0
87 23.4 24.3 36.5#
59 9.9 9.6 14.4

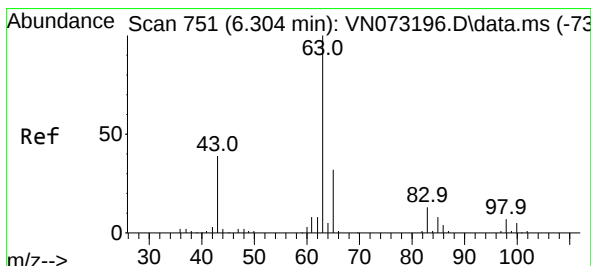
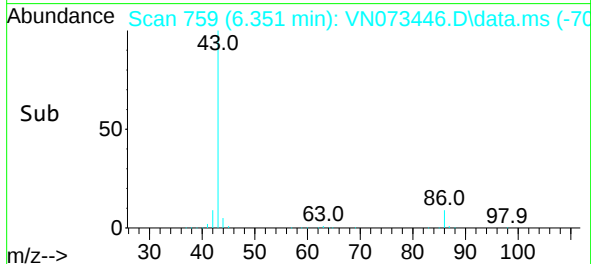
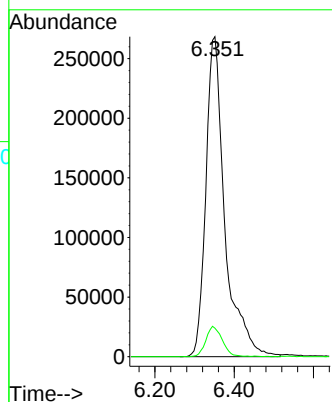
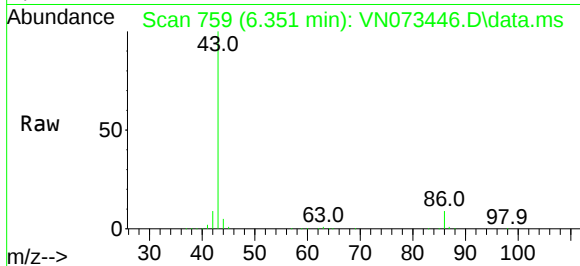




#23
 Vinyl Acetate
 Concen: 92.027 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

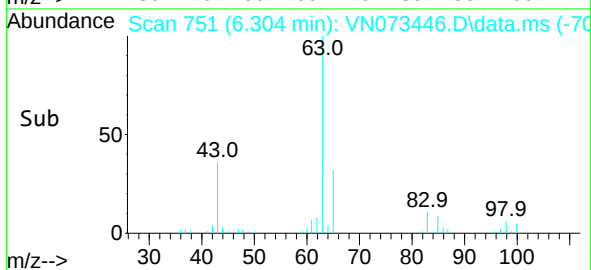
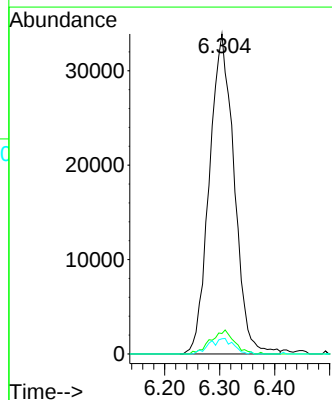
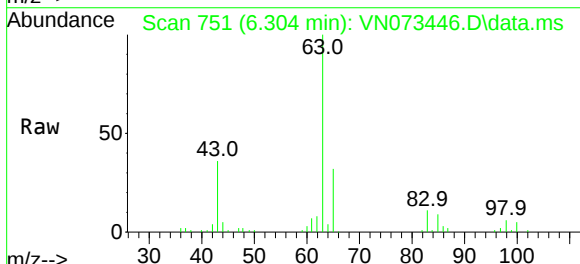
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

Tgt Ion: 43 Resp: 891891
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 18.993 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

Tgt Ion: 63 Resp: 106393
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.7 2.3 6.8

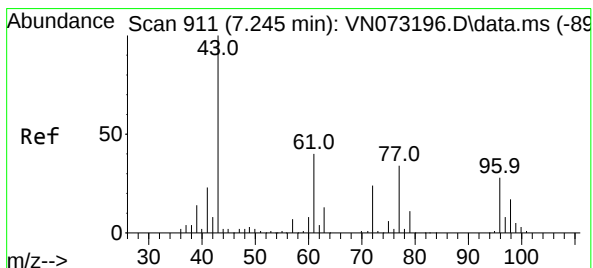
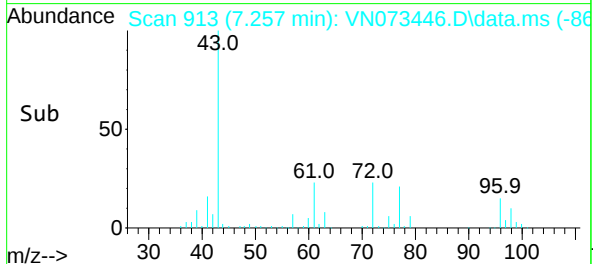
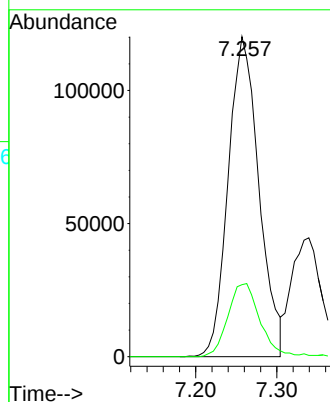
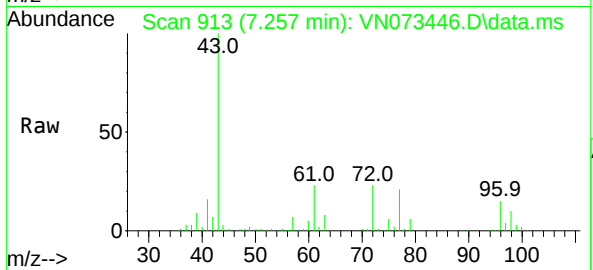




#25
2-Butanone
Concen: 104.947 ug/l
RT: 7.257 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

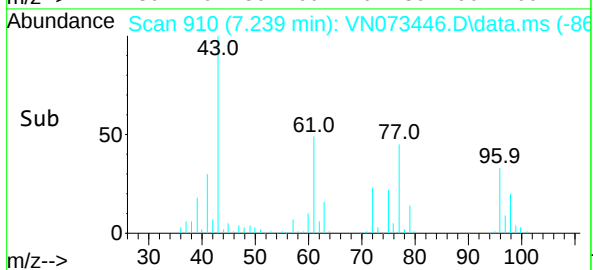
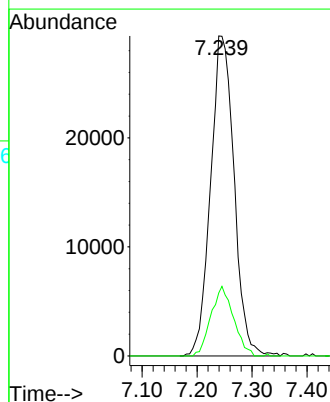
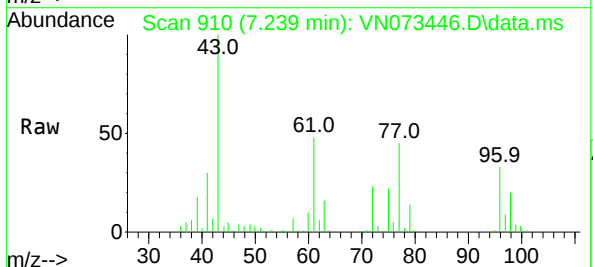
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

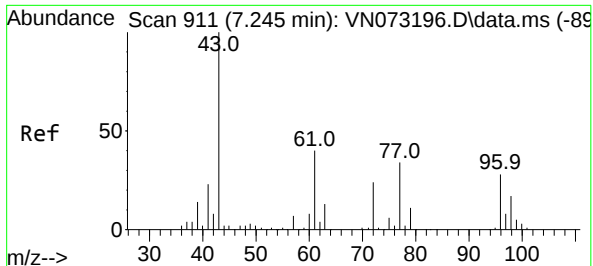
Tgt Ion: 43 Resp: 316709
Ion Ratio Lower Upper
43 100
72 22.5 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 16.832 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 77 Resp: 87201
Ion Ratio Lower Upper
77 100
97 20.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 17.447 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

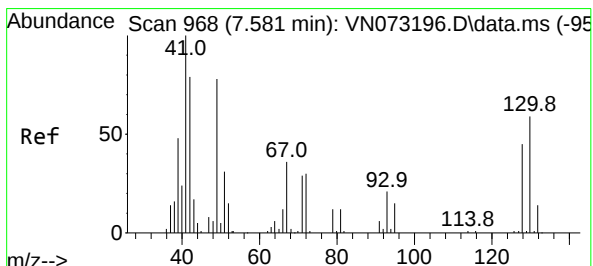
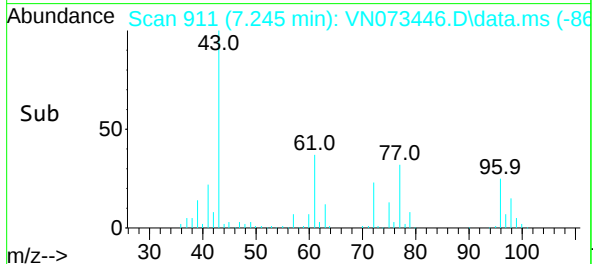
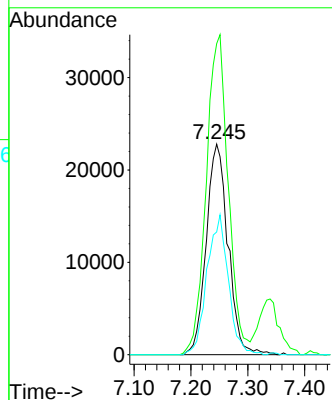
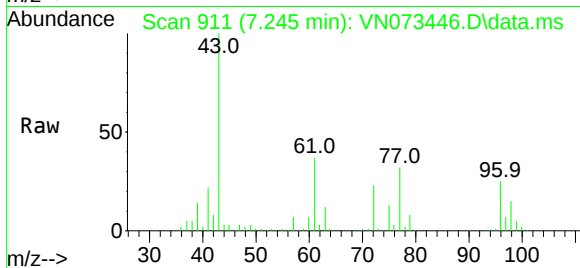
Tgt Ion: 96 Resp: 60792

Ion Ratio Lower Upper

96 100

61 153.4 0.0 280.6

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 25.877 ug/l

RT: 7.580 min Scan# 968

Delta R.T. -0.001 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

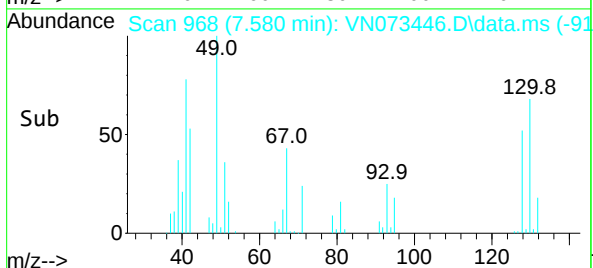
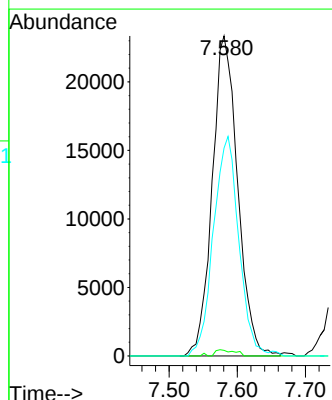
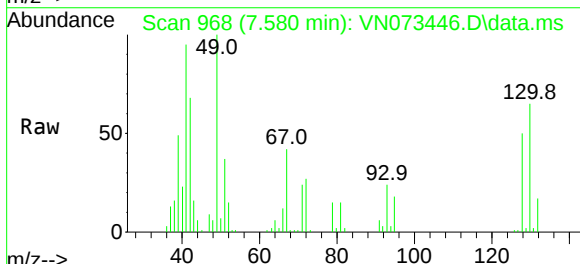
Tgt Ion: 49 Resp: 60709

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 68.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 101.288 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

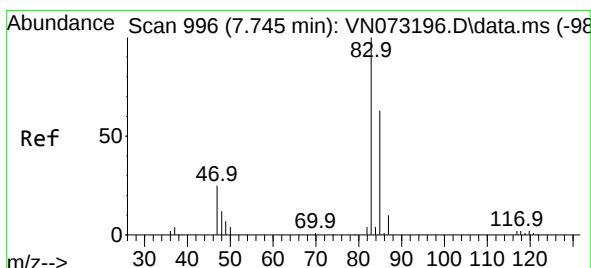
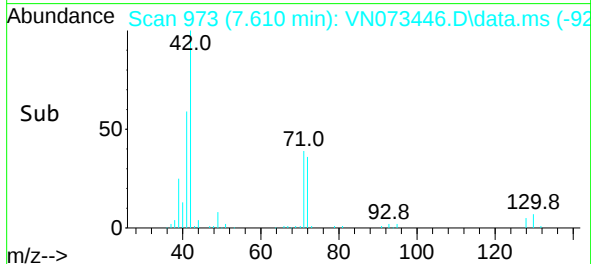
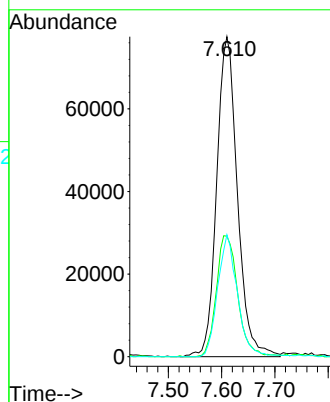
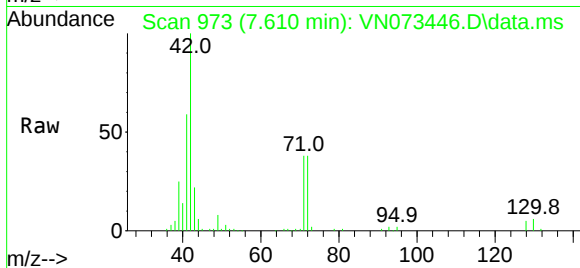
Tgt Ion: 42 Resp: 209296

Ion Ratio Lower Upper

42 100

72 39.1 39.7 59.5#

71 36.4 36.6 55.0#



#30

Chloroform

Concen: 18.852 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073446.D

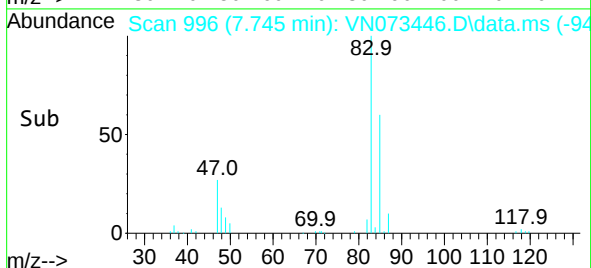
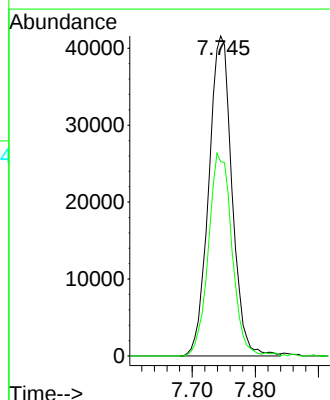
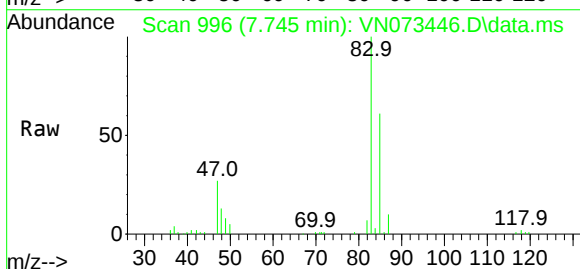
Acq: 13 Jul 2022 13:33

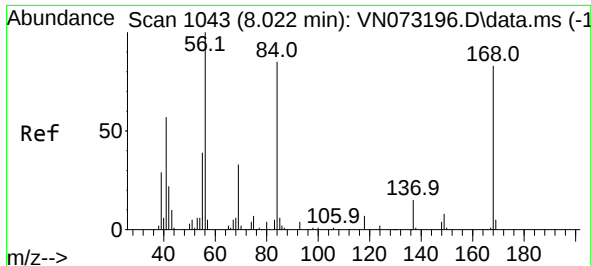
Tgt Ion: 83 Resp: 106363

Ion Ratio Lower Upper

83 100

85 60.7 51.8 77.8





#31

Cyclohexane

Concen: 17.010 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

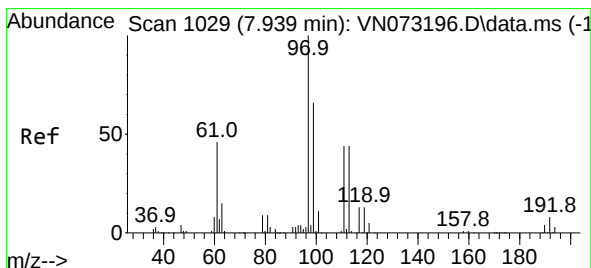
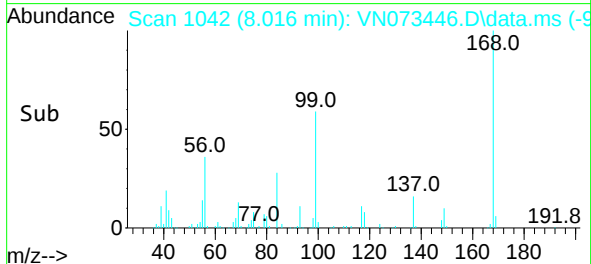
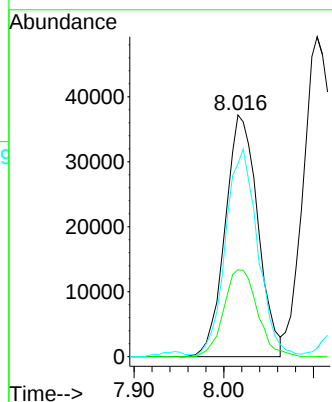
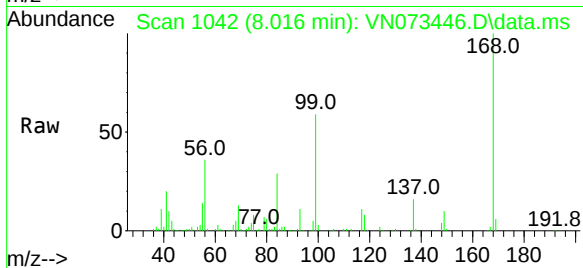
Tgt Ion: 56 Resp: 94071

Ion Ratio Lower Upper

56 100

69 35.9 27.8 41.8

84 78.0 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 17.504 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

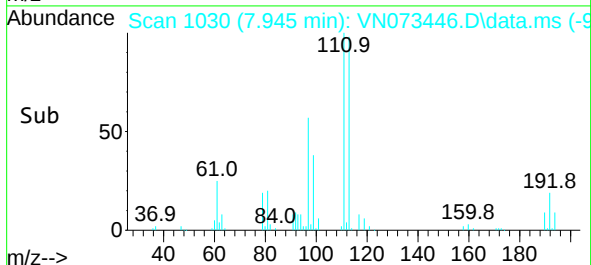
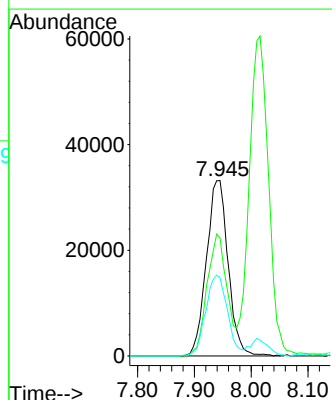
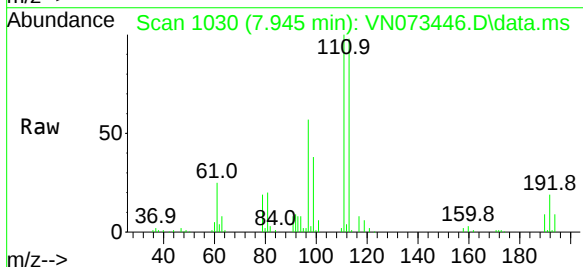
Tgt Ion: 97 Resp: 88007

Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

61 46.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.843 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

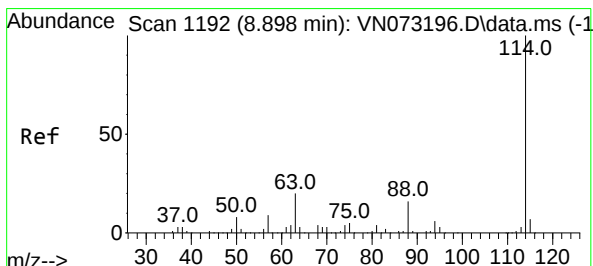
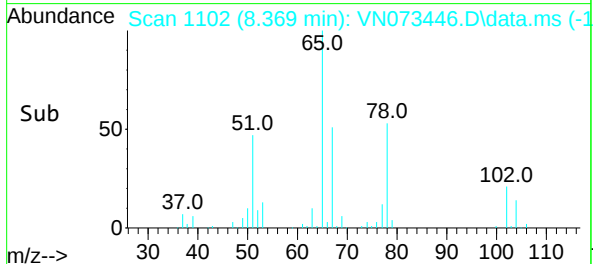
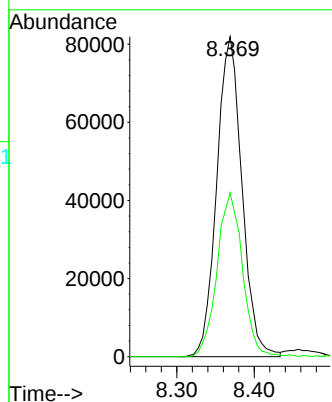
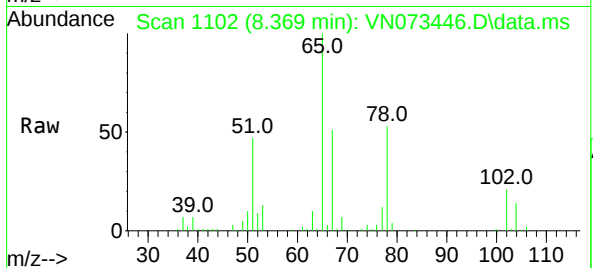
VN0713MBS01

Tgt Ion: 65 Resp: 185196

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

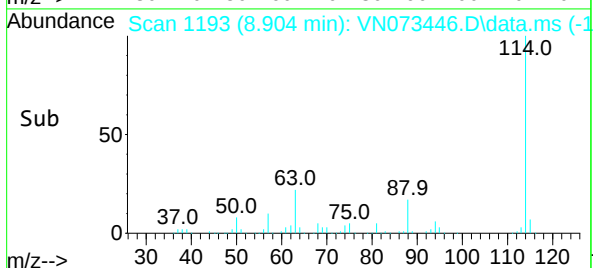
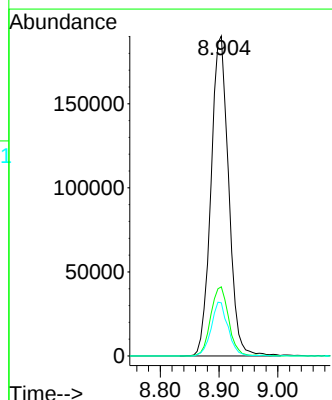
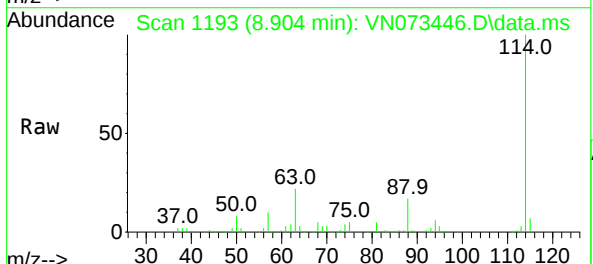
Tgt Ion: 114 Resp: 395682

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.6 0.0 32.6

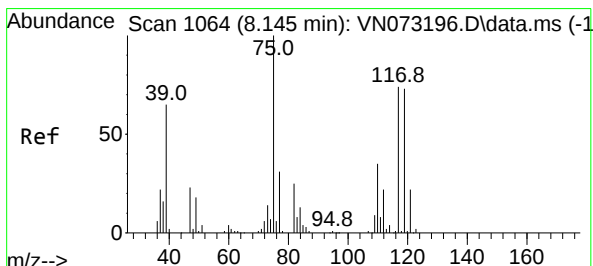
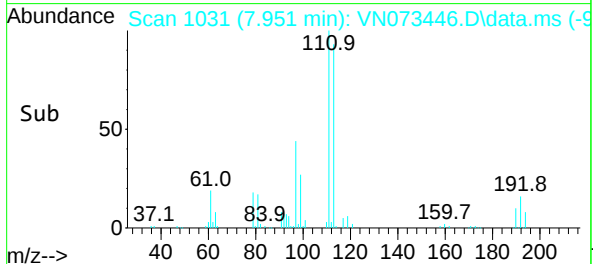
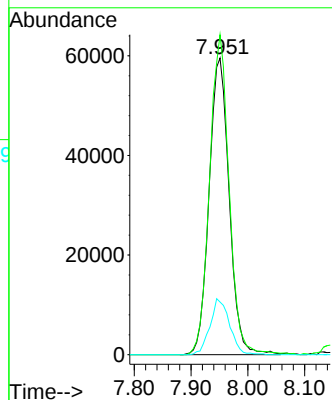
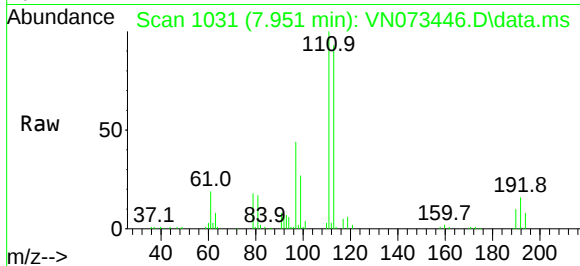




#35
Dibromofluoromethane
Concen: 55.480 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

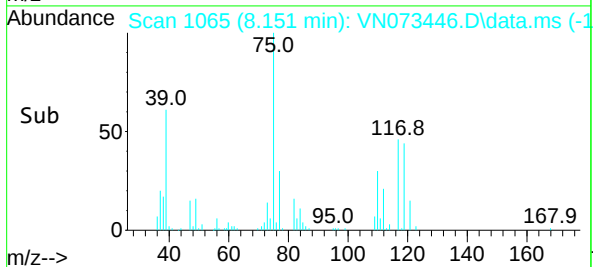
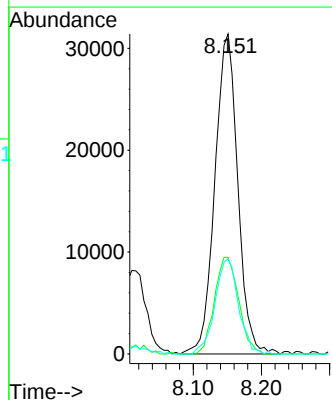
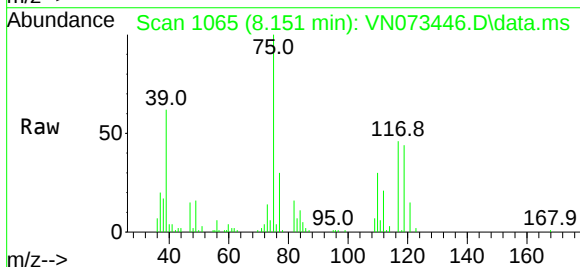
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

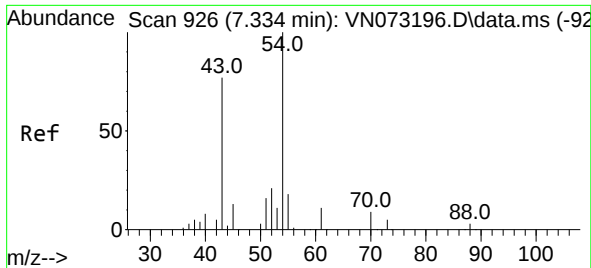
Tgt Ion:113 Resp: 146053
Ion Ratio Lower Upper
113 100
111 105.1 81.4 122.0
192 18.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 18.136 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 75 Resp: 73463
Ion Ratio Lower Upper
75 100
110 31.8 18.3 54.8
77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 19.289 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

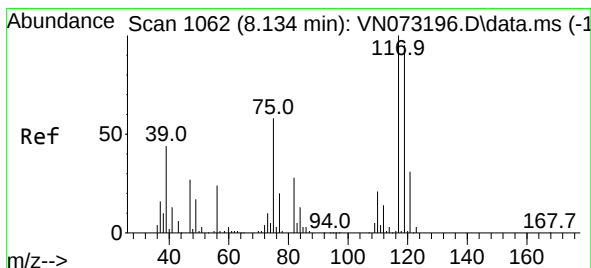
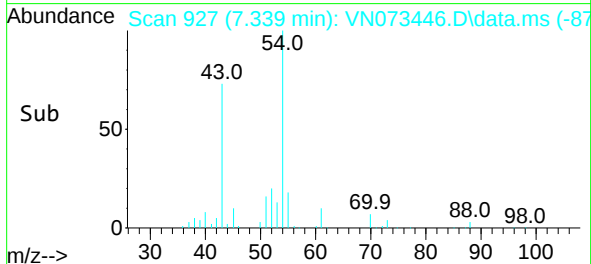
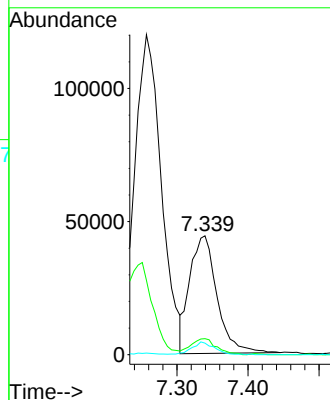
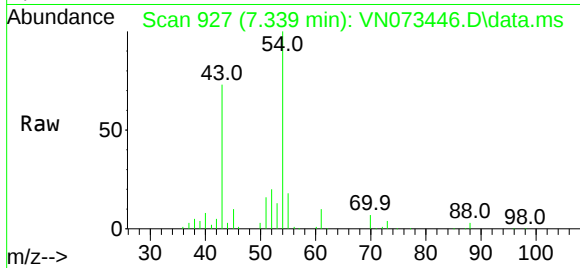
Tgt Ion: 43 Resp: 118060

Ion Ratio Lower Upper

43 100

61 12.7 11.8 17.6

70 8.9 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 17.581 ug/l

RT: 8.133 min Scan# 1062

Delta R.T. -0.001 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

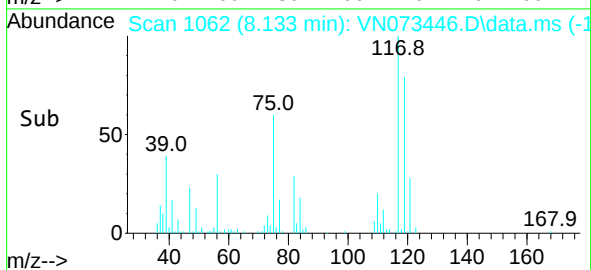
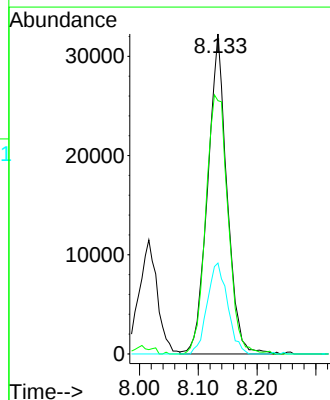
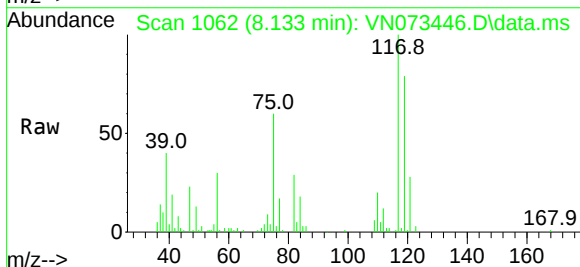
Tgt Ion: 117 Resp: 73646

Ion Ratio Lower Upper

117 100

119 79.1 75.8 113.8

121 28.4 24.6 37.0





#39

Methylcyclohexane

Concen: 17.096 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

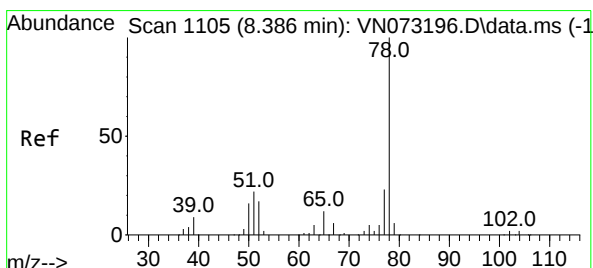
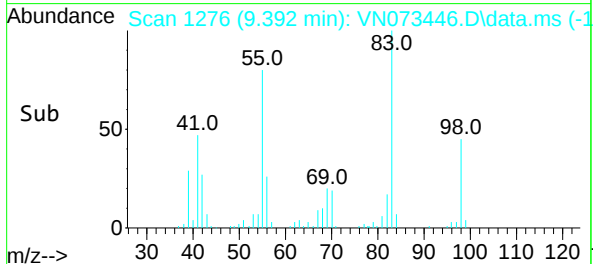
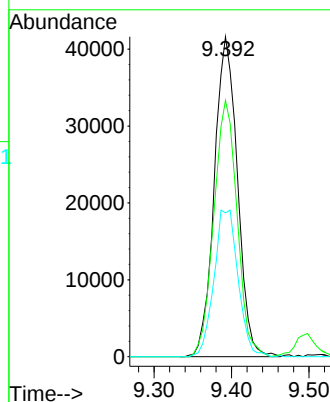
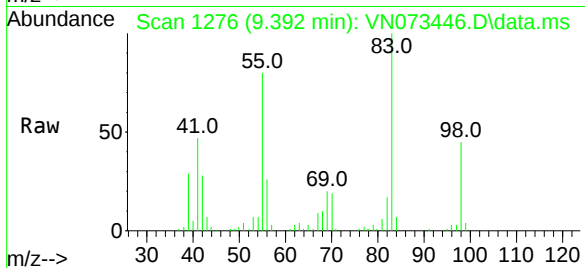
Tgt Ion: 83 Resp: 86216

Ion Ratio Lower Upper

83 100

55 80.1 57.8 86.8

98 45.0 39.4 59.2



#40

Benzene

Concen: 18.302 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073446.D

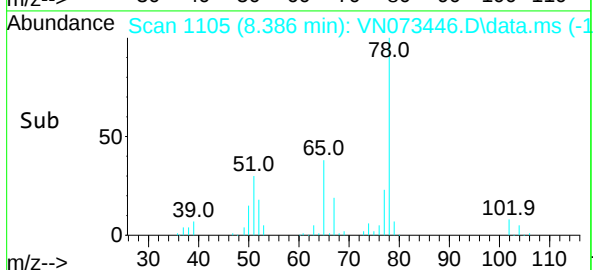
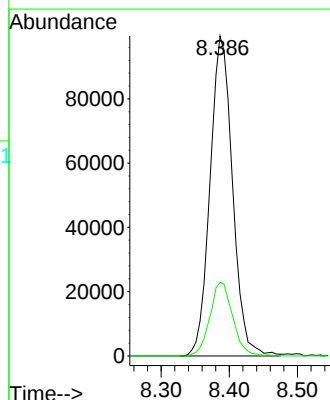
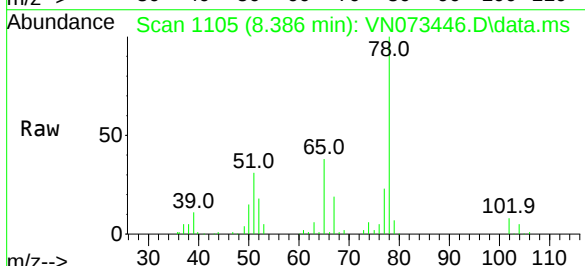
Acq: 13 Jul 2022 13:33

Tgt Ion: 78 Resp: 228799

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0

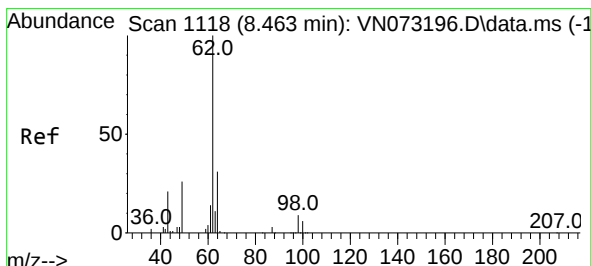
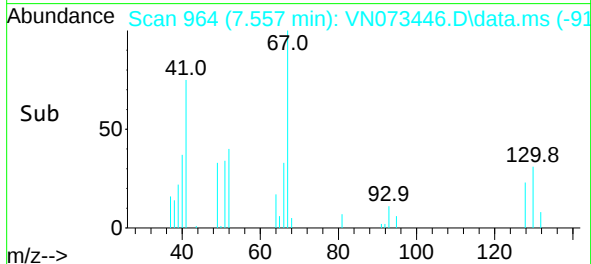
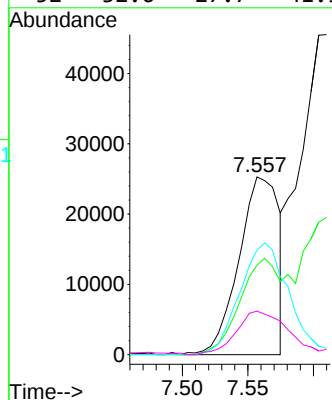
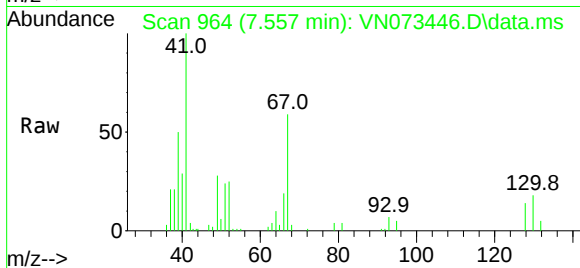




#41
Methacrylonitrile
Concen: 18.141 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

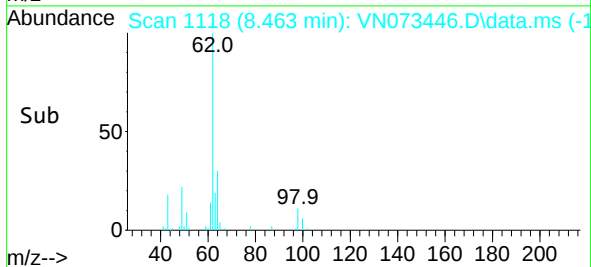
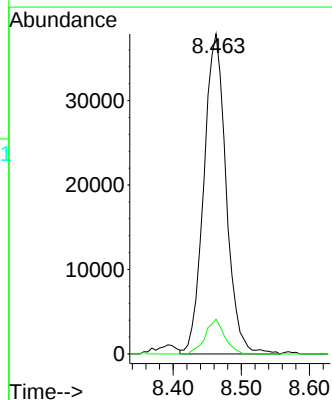
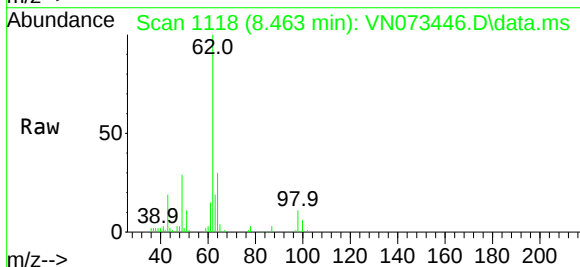
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

Tgt Ion:	41	Resp:	53847
Ion	Ratio	Lower	Upper
41	100		
39	52.5	48.6	73.0
67	77.7	73.4	110.2
52	32.6	27.7	41.5



#42
1,2-Dichloroethane
Concen: 19.028 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion:	62	Resp:	86227
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.519 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

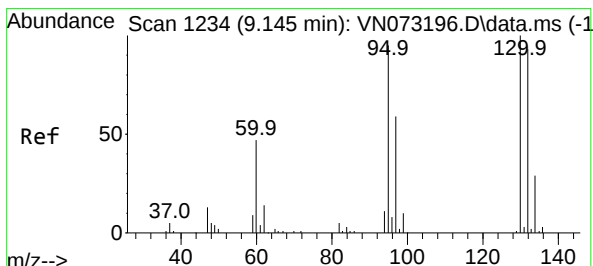
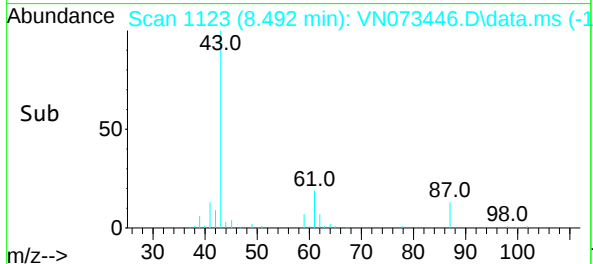
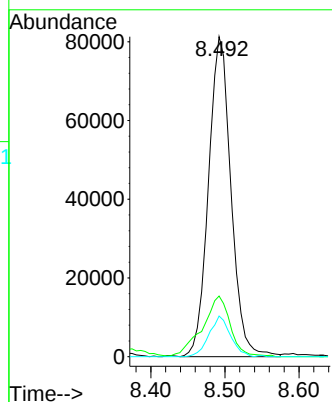
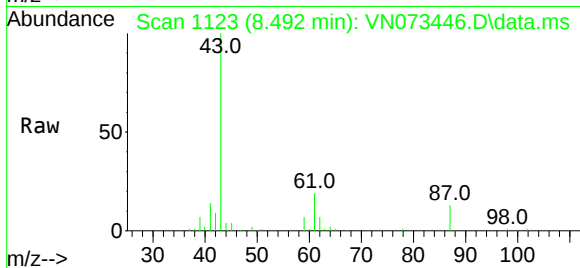
Tgt Ion: 43 Resp: 171689

Ion Ratio Lower Upper

43 100

61 23.5 21.9 32.9

87 12.0 12.0 18.0



#44

Trichloroethene

Concen: 17.265 ug/l

RT: 9.145 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VN073446.D

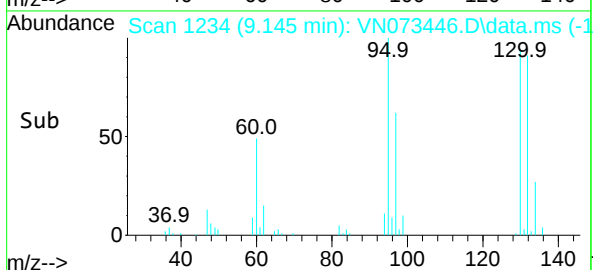
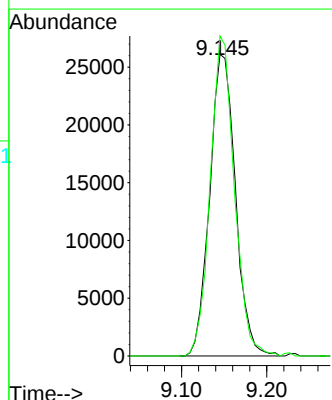
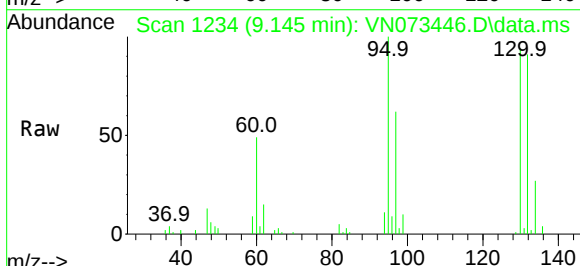
Acq: 13 Jul 2022 13:33

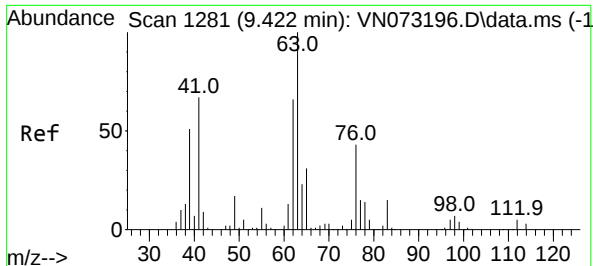
Tgt Ion:130 Resp: 54925

Ion Ratio Lower Upper

130 100

95 106.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.899 ug/l

RT: 9.427 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

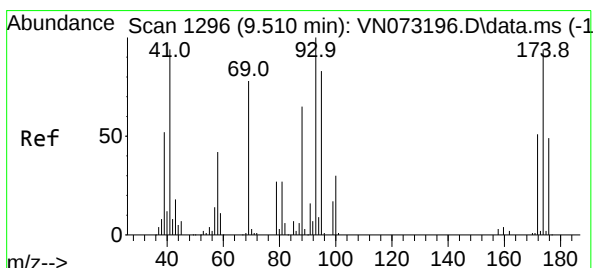
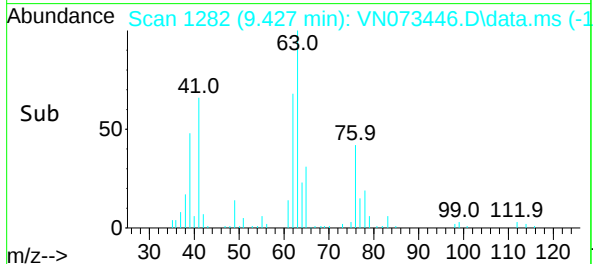
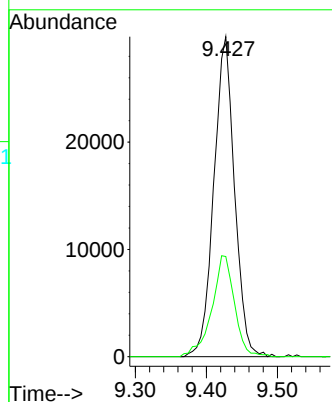
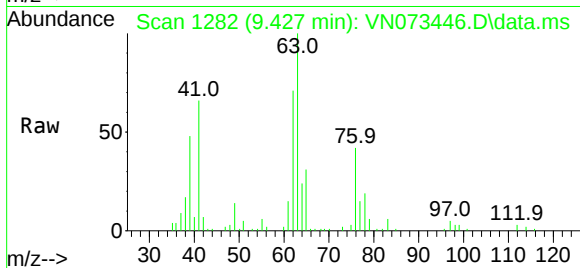
VN0713MBS01

Tgt Ion: 63 Resp: 60216

Ion Ratio Lower Upper

63 100

65 31.3 24.9 37.3



#46

Dibromomethane

Concen: 18.709 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

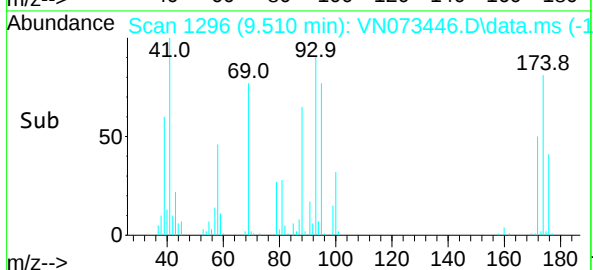
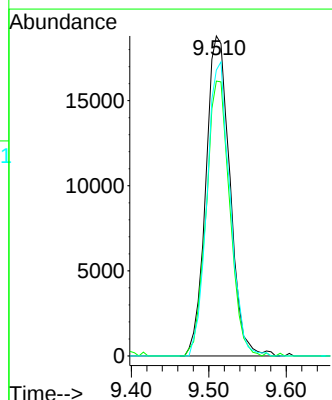
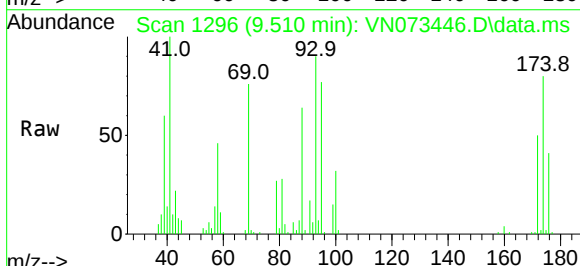
Tgt Ion: 93 Resp: 40476

Ion Ratio Lower Upper

93 100

95 84.0 66.9 100.3

174 87.9 86.6 130.0





#47

Bromodichloromethane

Concen: 19.143 ug/l

RT: 9.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

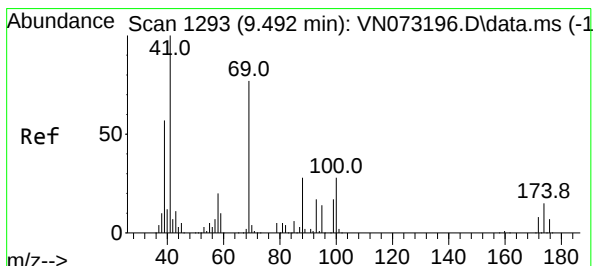
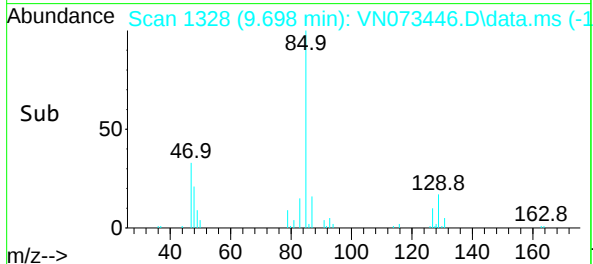
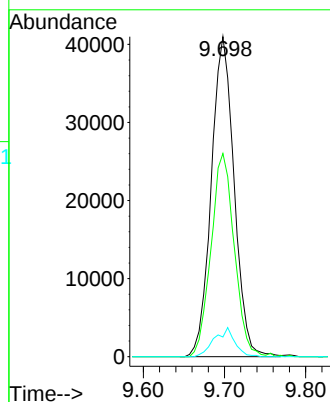
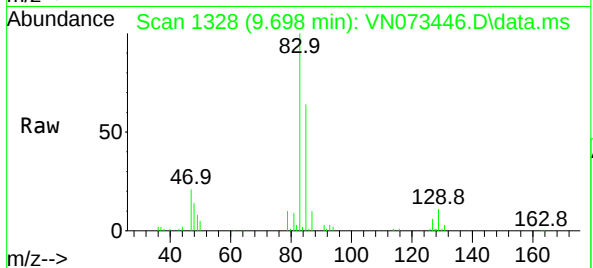
Tgt Ion: 83 Resp: 80211

Ion Ratio Lower Upper

83 100

85 63.5 50.5 75.7

127 6.1 6.8 10.2#



#48

Methyl methacrylate

Concen: 17.892 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

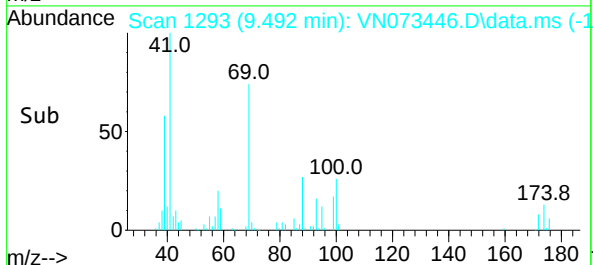
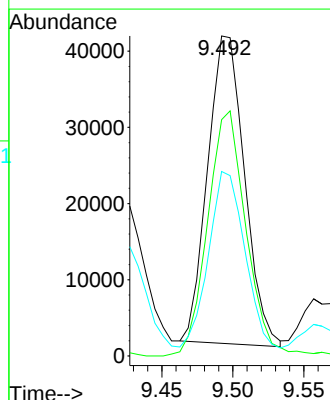
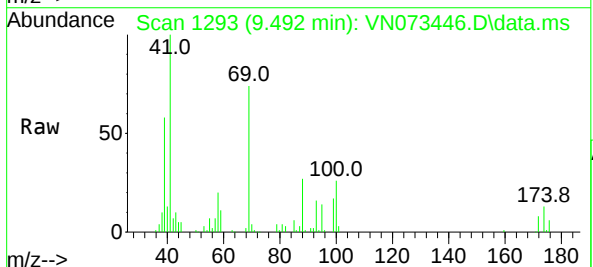
Tgt Ion: 41 Resp: 72868

Ion Ratio Lower Upper

41 100

69 83.4 74.7 112.1

39 61.1 45.6 68.4

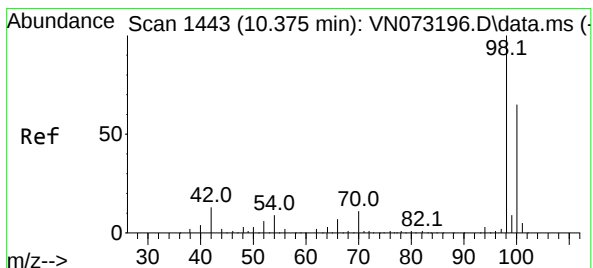
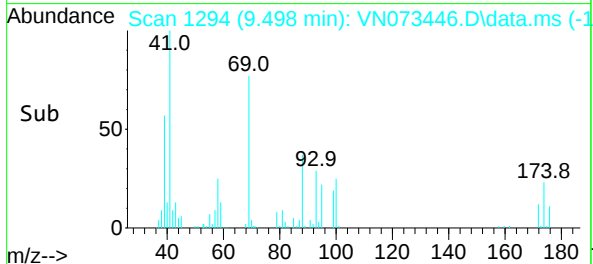
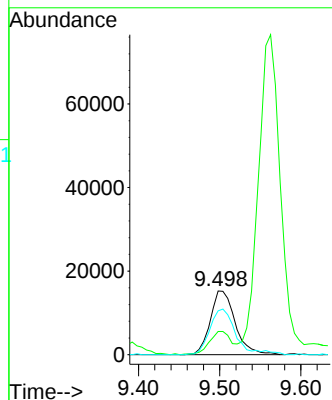
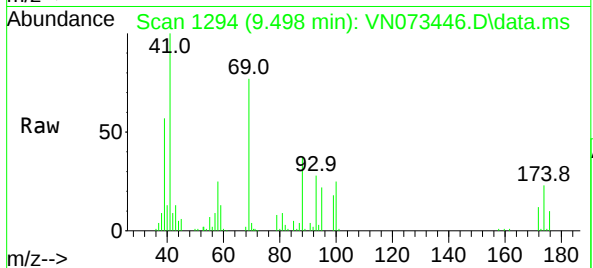




#49
1,4-Dioxane
Concen: 420.806 ug/l
RT: 9.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

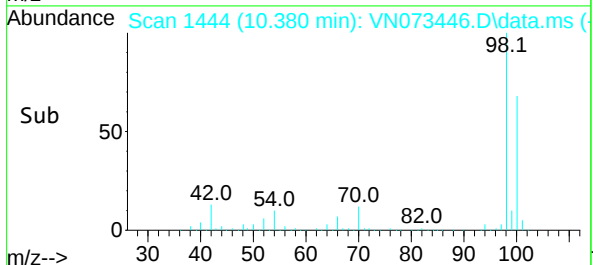
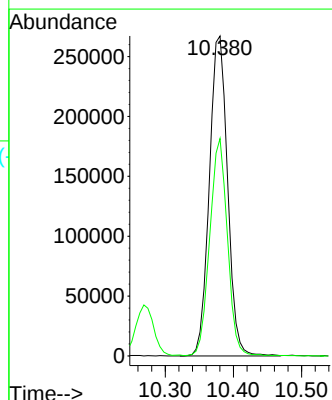
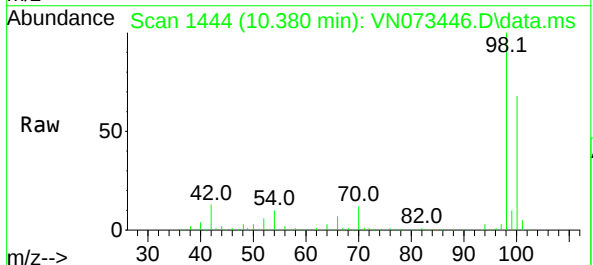
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

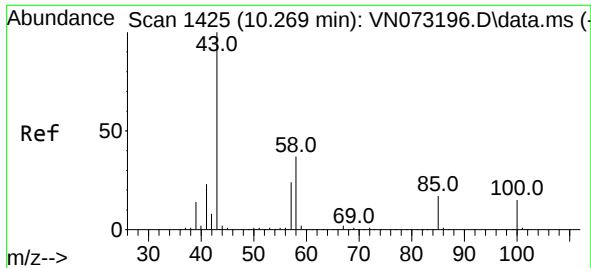
Tgt Ion: 88 Resp: 32535
Ion Ratio Lower Upper
88 100
43 33.1 20.2 30.4#
58 74.7 54.2 81.4



#50
Toluene-d8
Concen: 53.215 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 98 Resp: 497551
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

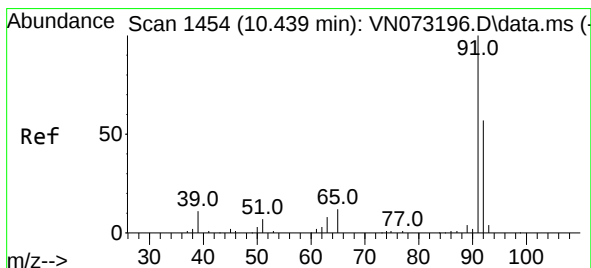
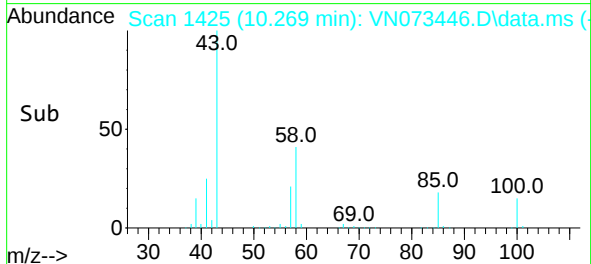
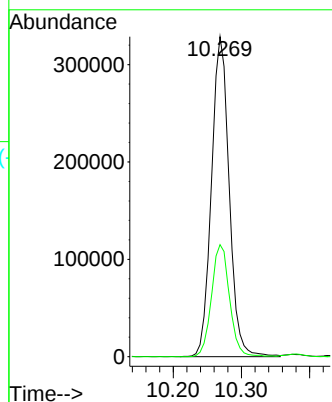
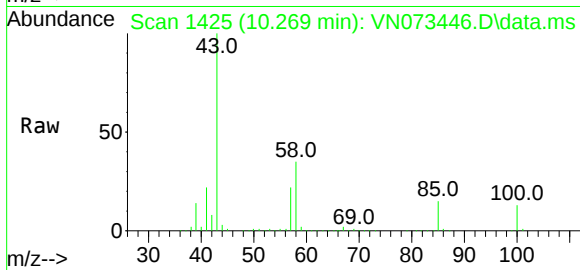




#51
4-Methyl-2-Pentanone
Concen: 106.757 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

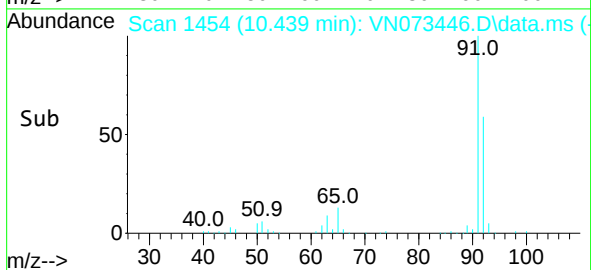
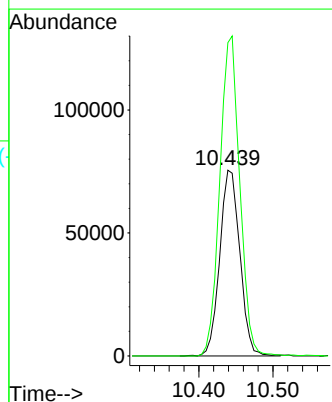
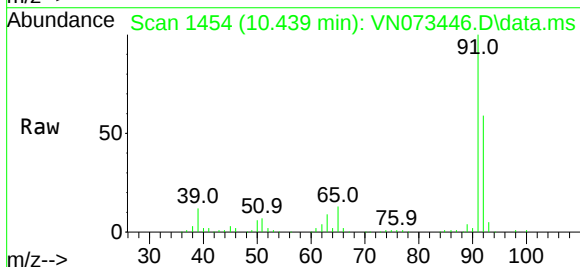
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

Tgt Ion: 43 Resp: 595503
Ion Ratio Lower Upper
43 100
58 35.6 34.1 51.1



#52
Toluene
Concen: 18.409 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 92 Resp: 142224
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8

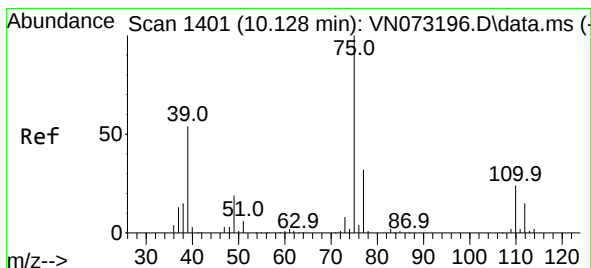
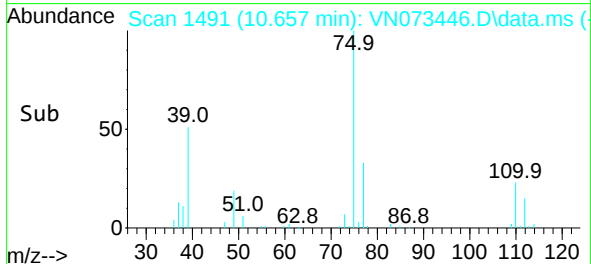
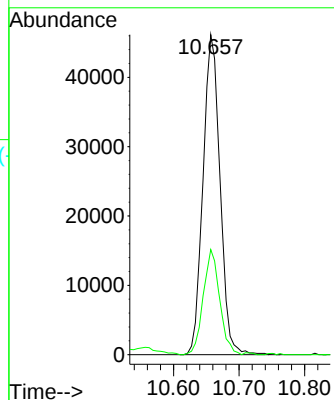
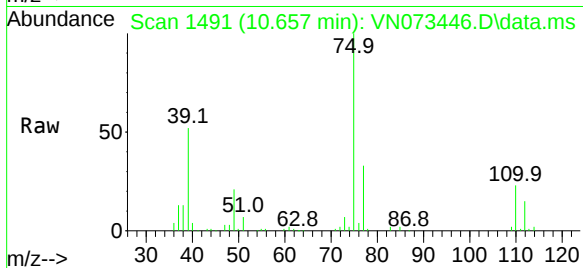




#53
 t-1,3-Dichloropropene
 Concen: 18.110 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

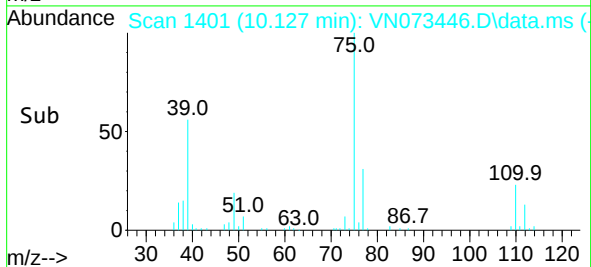
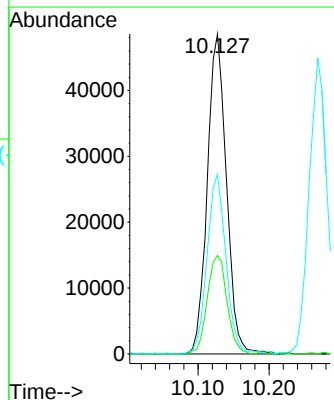
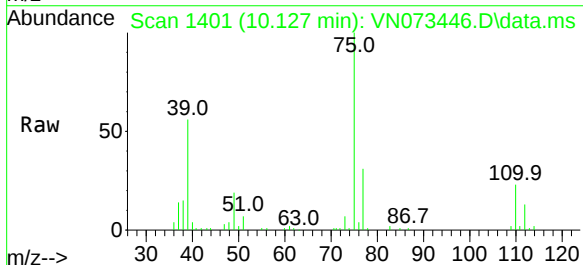
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

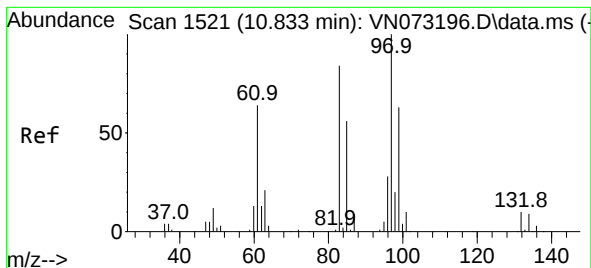
Tgt Ion: 75 Resp: 83538
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.228 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. -0.001 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

Tgt Ion: 75 Resp: 90775
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 56.1 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 18.429 ug/l

RT: 10.839 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

Tgt Ion: 97 Resp: 58613

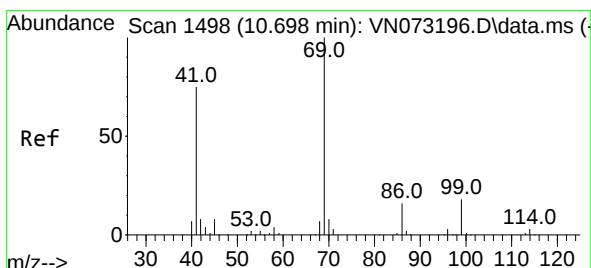
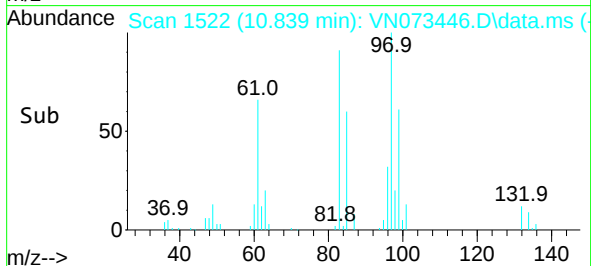
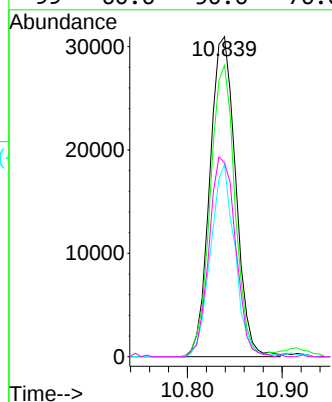
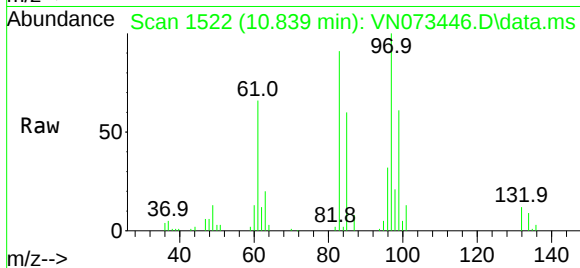
Ion Ratio Lower Upper

97 100

83 91.1 66.2 99.4

85 60.0 43.9 65.9

99 60.6 50.6 76.0



#56

Ethyl methacrylate

Concen: 17.864 ug/l

RT: 10.698 min Scan# 1498

Delta R.T. -0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

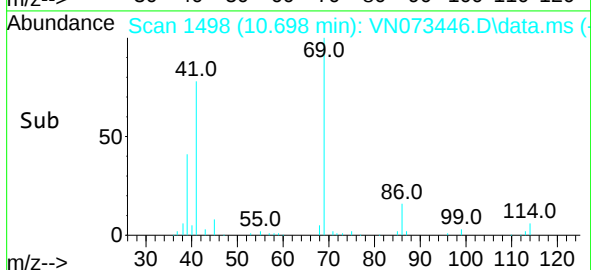
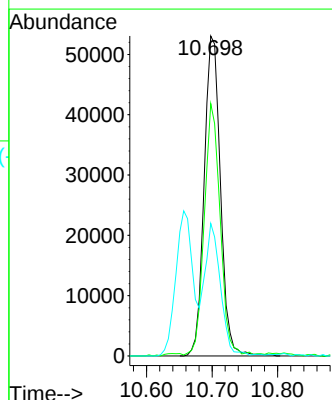
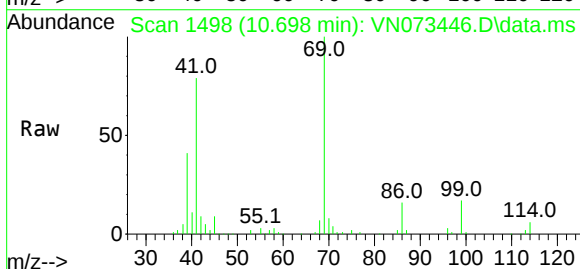
Tgt Ion: 69 Resp: 91836

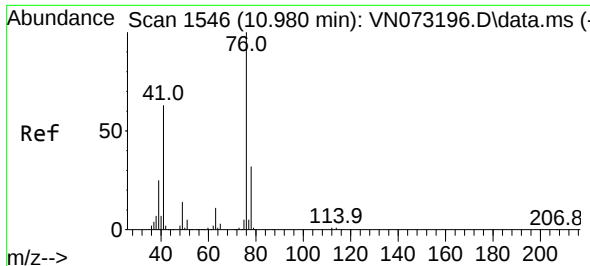
Ion Ratio Lower Upper

69 100

41 76.0 47.8 71.6#

39 38.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 19.167 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

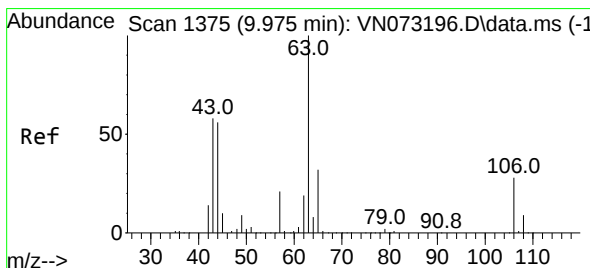
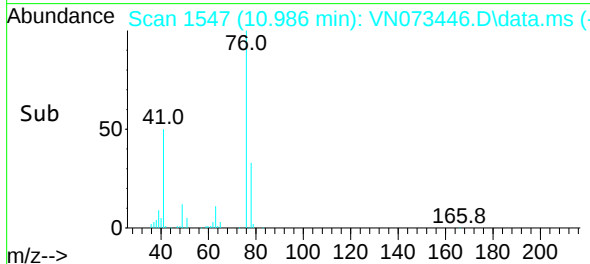
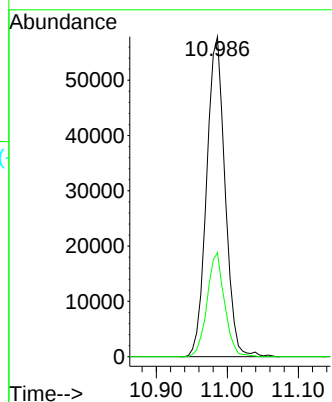
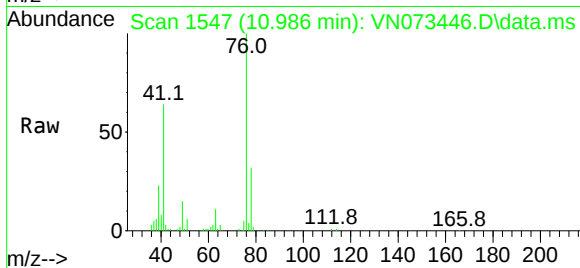
VN0713MBS01

Tgt Ion: 76 Resp: 104503

Ion Ratio Lower Upper

76 100

78 30.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 85.512 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073446.D

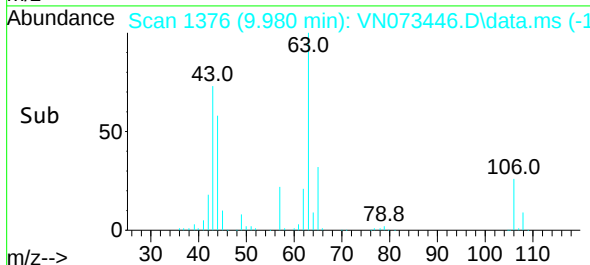
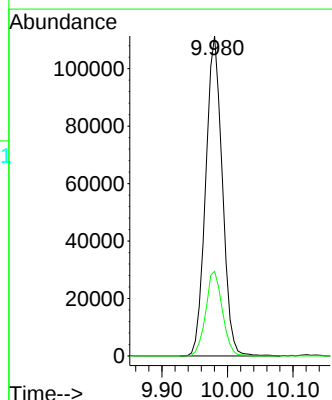
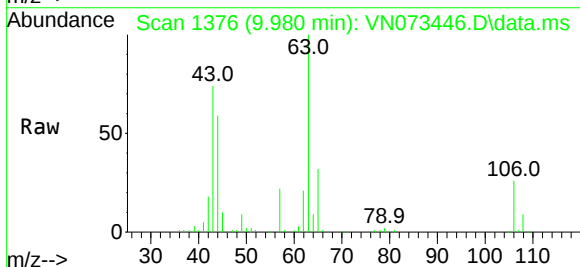
Acq: 13 Jul 2022 13:33

Tgt Ion: 63 Resp: 196051

Ion Ratio Lower Upper

63 100

106 26.6 24.6 36.8

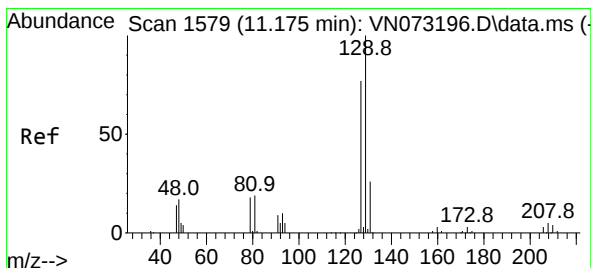
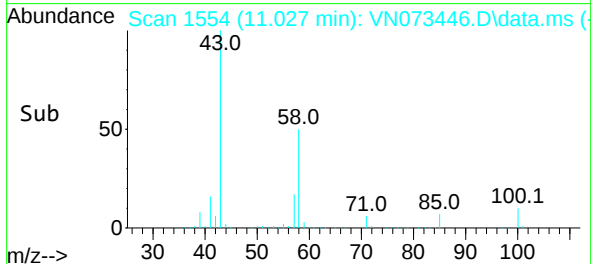
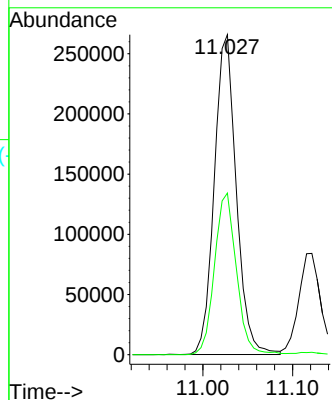
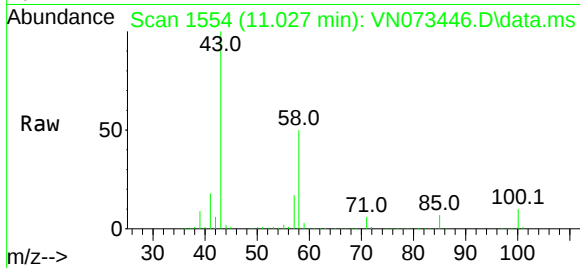




#59
2-Hexanone
Concen: 106.292 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

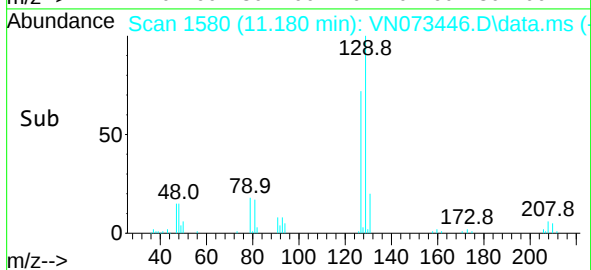
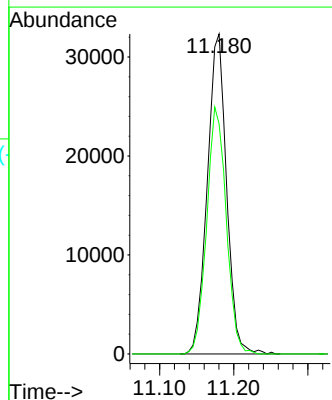
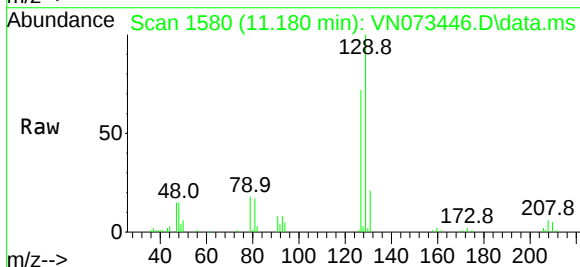
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

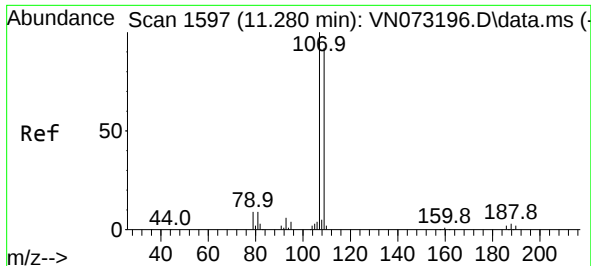
Tgt Ion: 43 Resp: 451960
Ion Ratio Lower Upper
43 100
58 50.4 29.7 89.1



#60
Dibromochloromethane
Concen: 19.248 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 129 Resp: 58366
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4

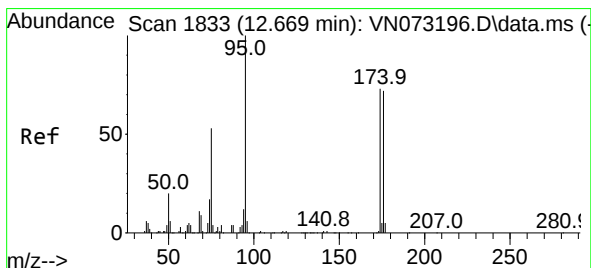
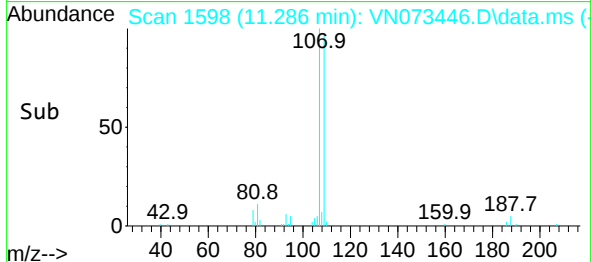
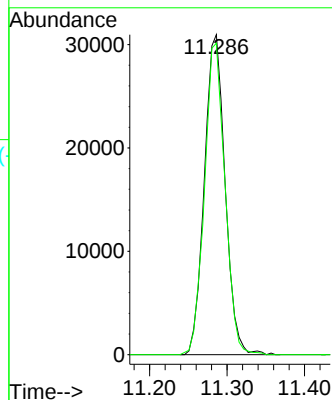
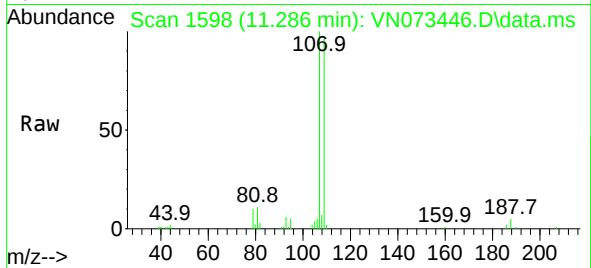




#61
1,2-Dibromoethane
Concen: 18.106 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

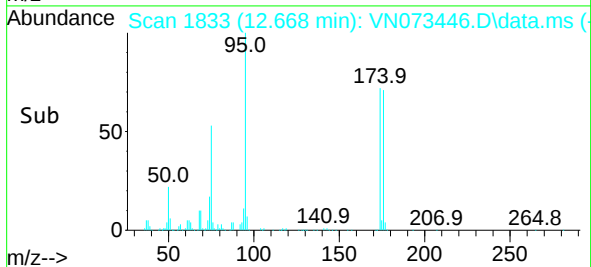
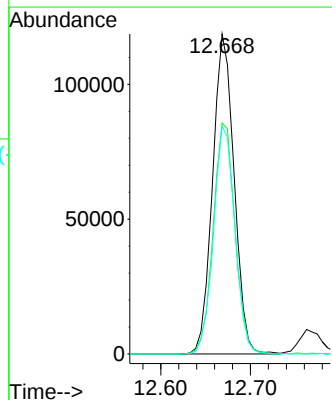
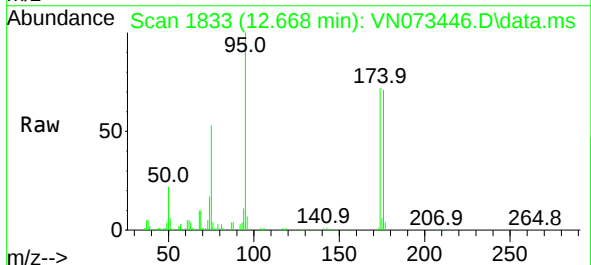
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

Tgt Ion:107 Resp: 57518
Ion Ratio Lower Upper
107 100
109 96.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 54.947 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 95 Resp: 197430
Ion Ratio Lower Upper
95 100
174 73.2 0.0 167.6
176 71.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

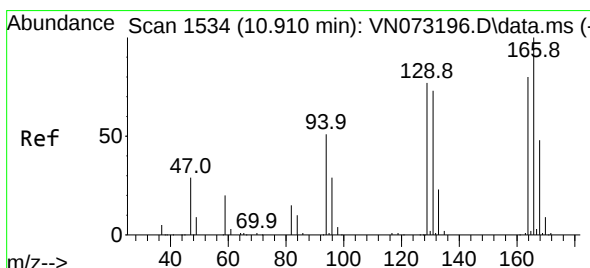
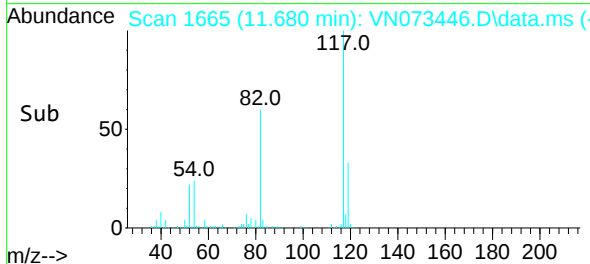
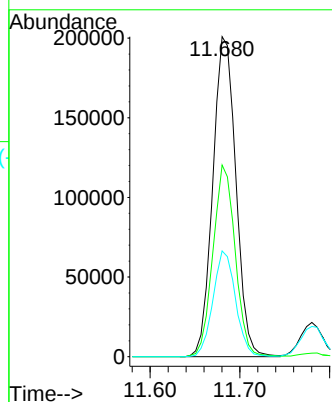
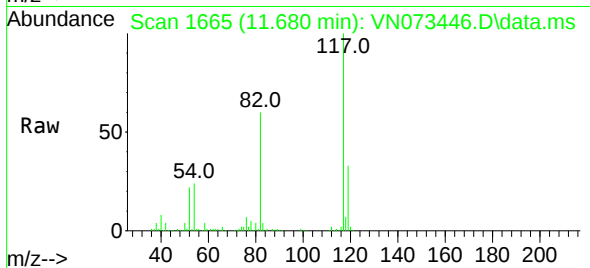
Tgt Ion:117 Resp: 358956

Ion Ratio Lower Upper

117 100

82 59.9 44.2 66.2

119 33.1 25.4 38.0



#64

Tetrachloroethene

Concen: 17.530 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Tgt Ion:164 Resp: 51384

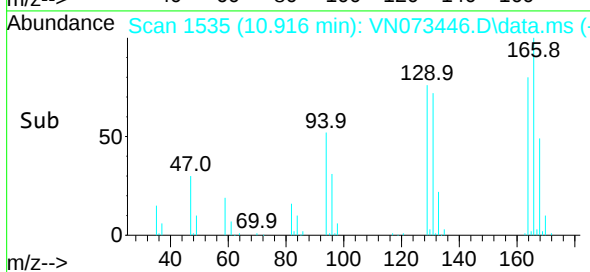
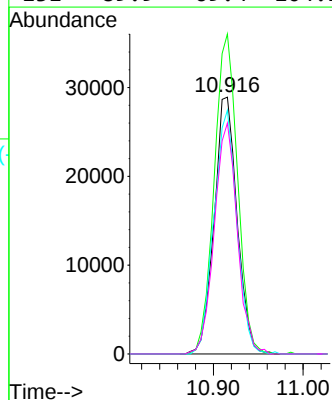
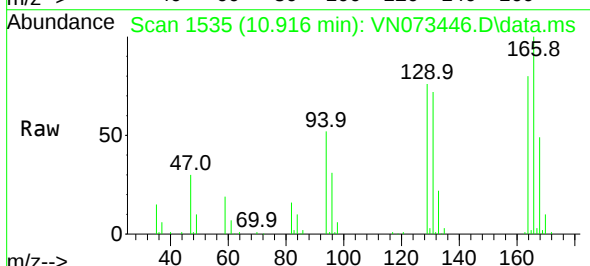
Ion Ratio Lower Upper

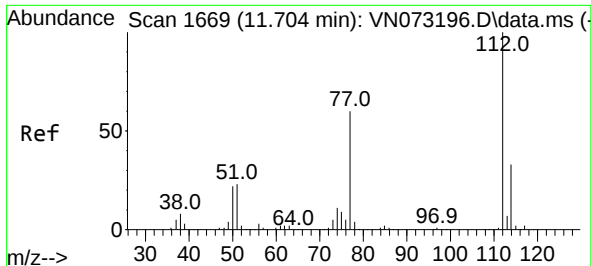
164 100

166 124.6 104.2 156.2

129 94.9 73.9 110.9

131 89.9 69.4 104.2

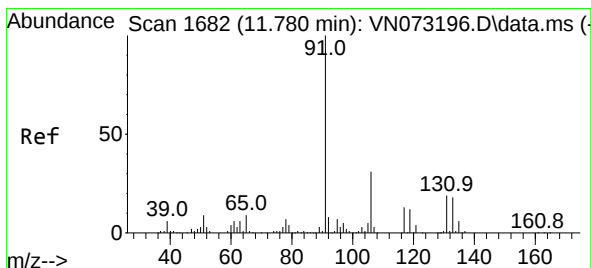
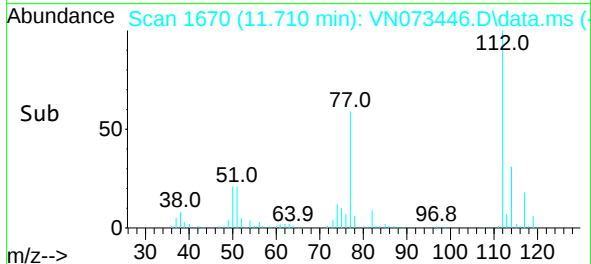
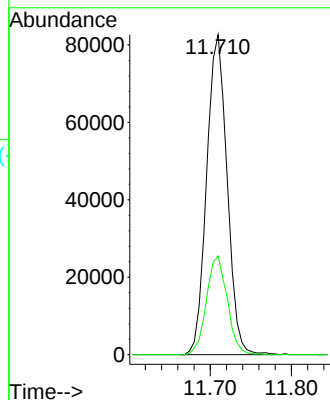
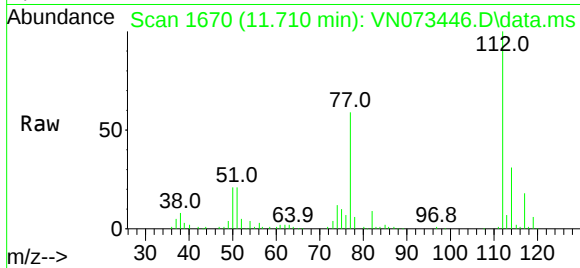




#65
Chlorobenzene
Concen: 17.801 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

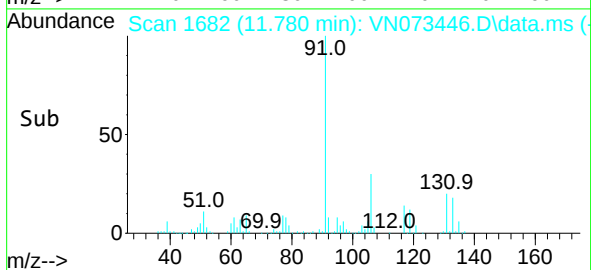
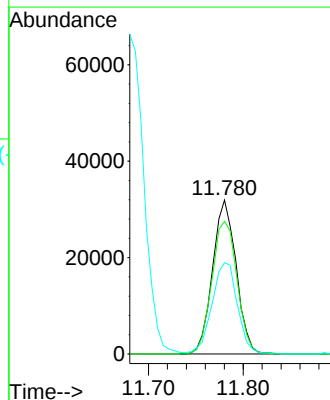
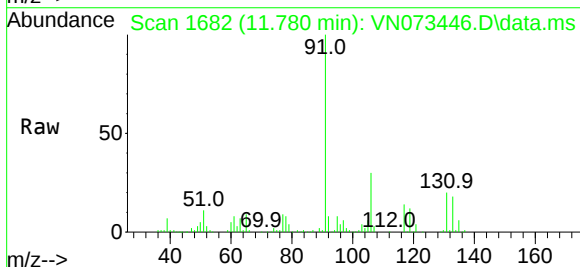
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

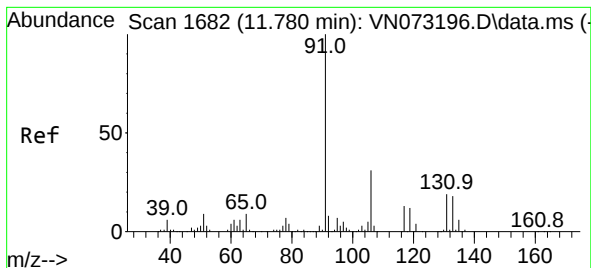
Tgt Ion:112 Resp: 144514
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.462 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion:131 Resp: 55127
Ion Ratio Lower Upper
131 100
133 92.1 47.8 143.4
119 63.8 33.4 100.2





#67

Ethyl Benzene

Concen: 18.035 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

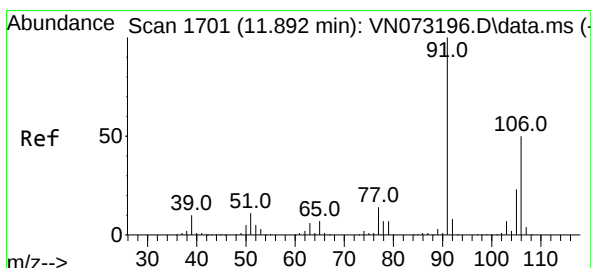
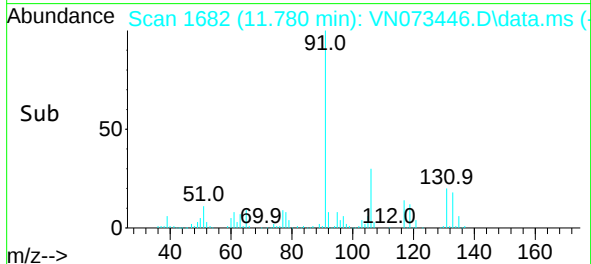
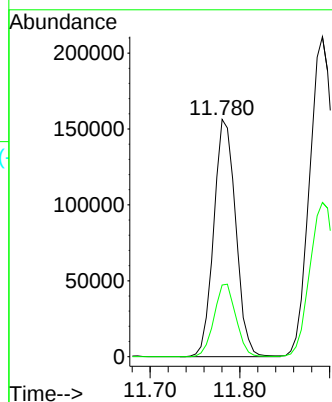
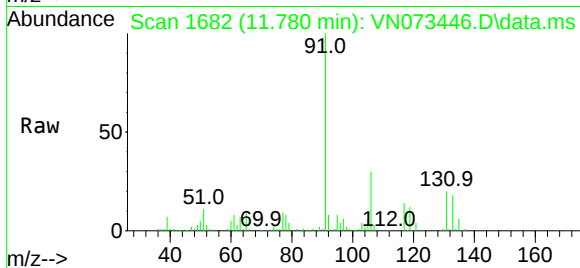
VN0713MBS01

Tgt Ion: 91 Resp: 265812

Ion Ratio Lower Upper

91 100

106 30.2 24.9 37.3



#68

m/p-Xylenes

Concen: 35.858 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN073446.D

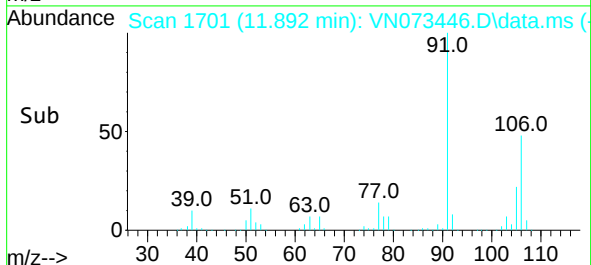
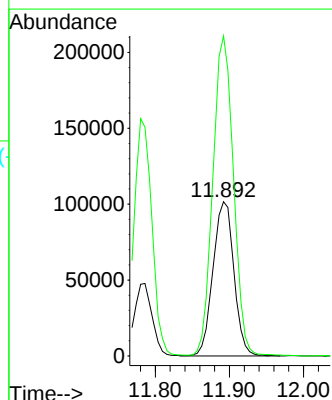
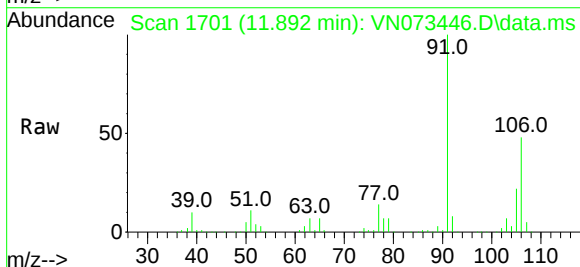
Acq: 13 Jul 2022 13:33

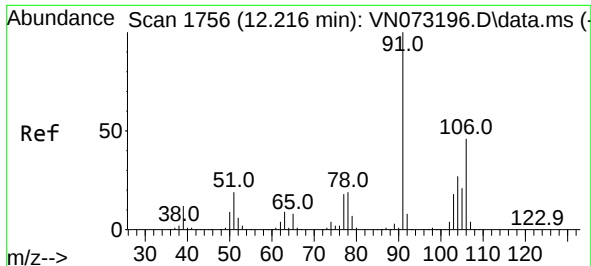
Tgt Ion: 106 Resp: 199453

Ion Ratio Lower Upper

106 100

91 204.9 158.9 238.3

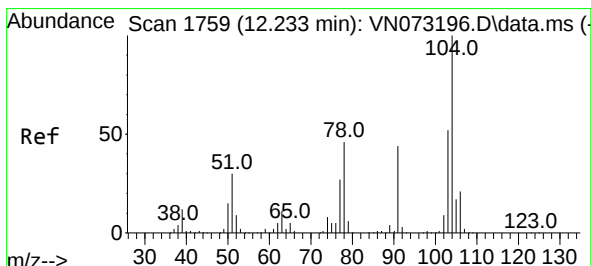
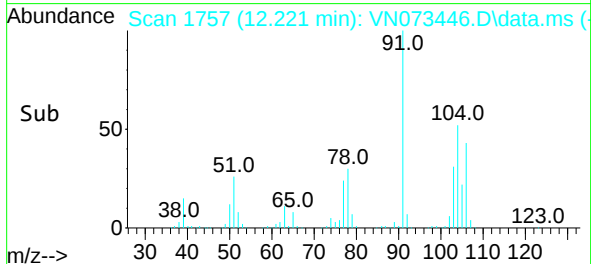
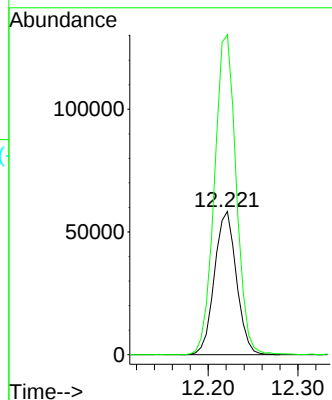
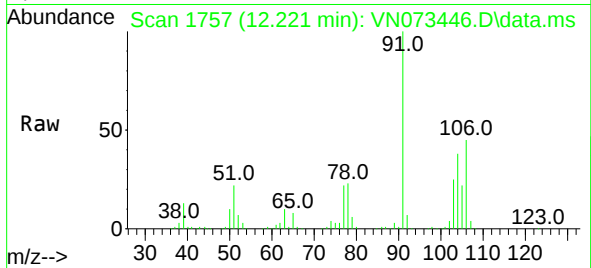




#69
o-Xylene
Concen: 17.465 ug/l
RT: 12.221 min Scan# 1756
Delta R.T. 0.005 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

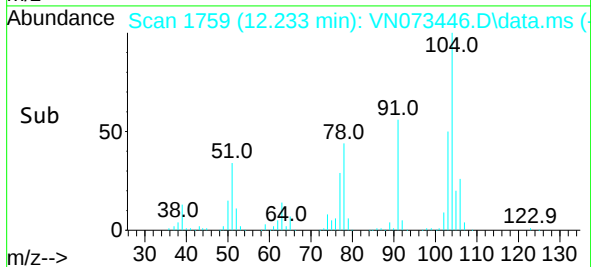
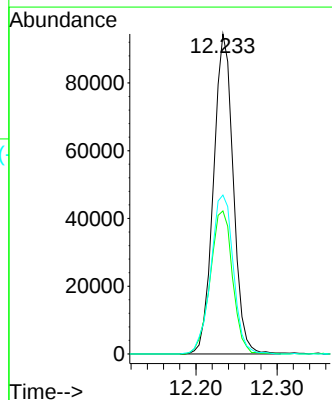
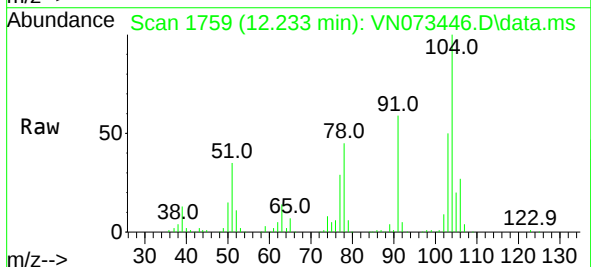
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

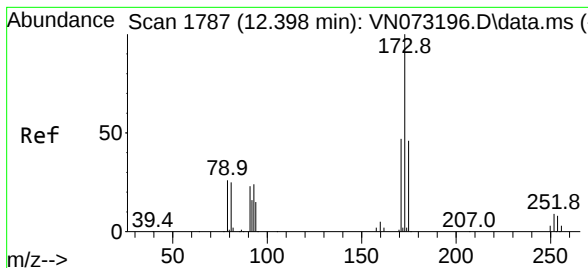
Tgt Ion:106 Resp: 99170
Ion Ratio Lower Upper
106 100
91 221.7 106.0 318.0



#70
Styrene
Concen: 18.255 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion:104 Resp: 160035
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 56.6 44.0 66.0





#71

Bromoform

Concen: 18.136 ug/l

RT: 12.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

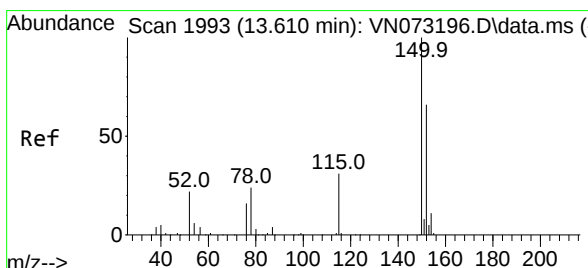
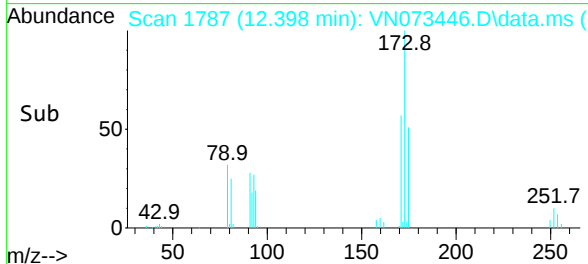
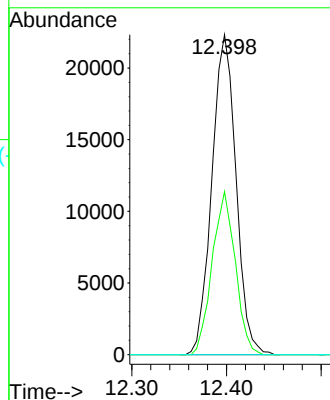
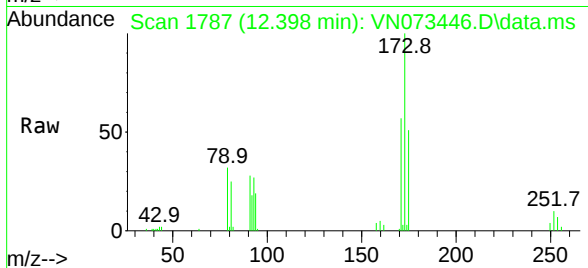
Tgt Ion:173 Resp: 39626

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

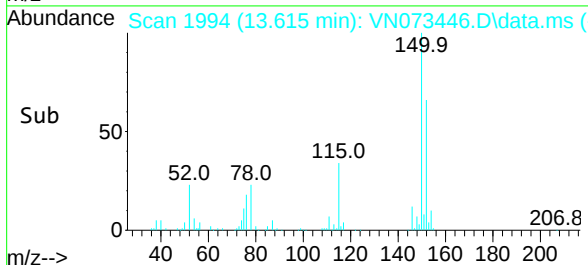
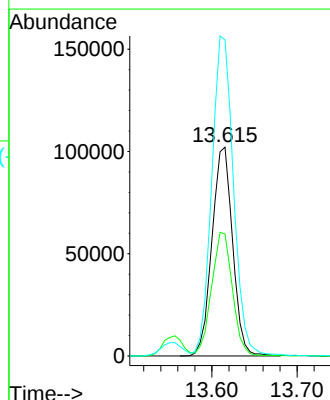
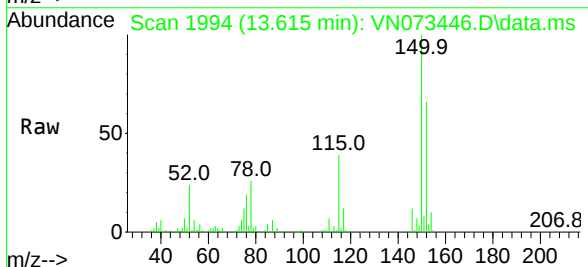
Tgt Ion:152 Resp: 172469

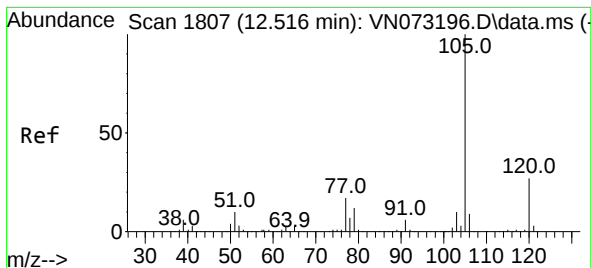
Ion Ratio Lower Upper

152 100

115 59.8 28.9 86.7

150 161.4 0.0 356.2





#73

Isopropylbenzene

Concen: 17.194 ug/l

RT: 12.515 min Scan# 1807

Delta R.T. -0.001 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

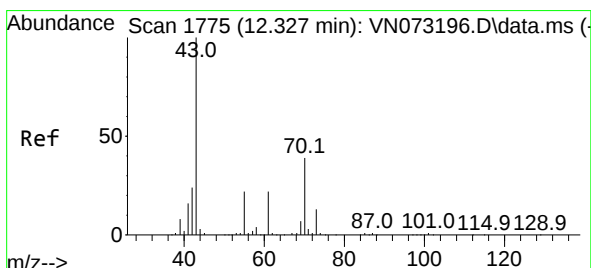
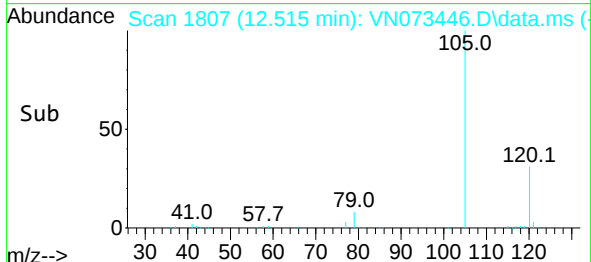
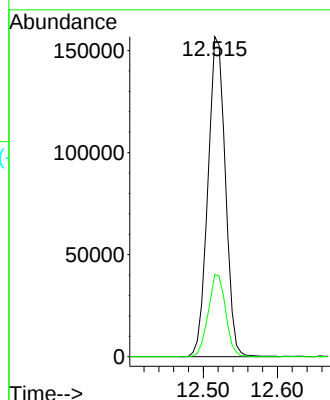
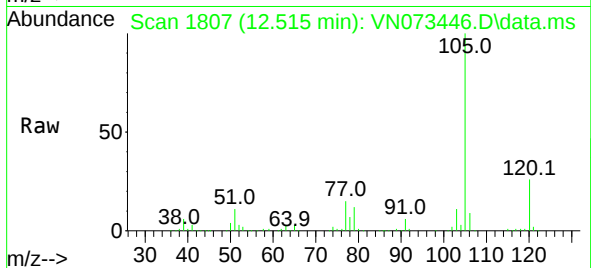
VN0713MBS01

Tgt Ion:105 Resp: 256070

Ion Ratio Lower Upper

105 100

120 25.6 13.5 40.4



#74

N-ethyl acetate

Concen: 16.248 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Tgt Ion: 43 Resp: 121169

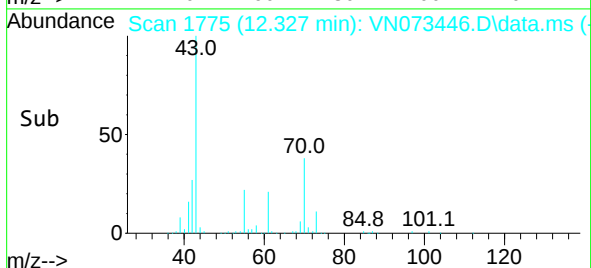
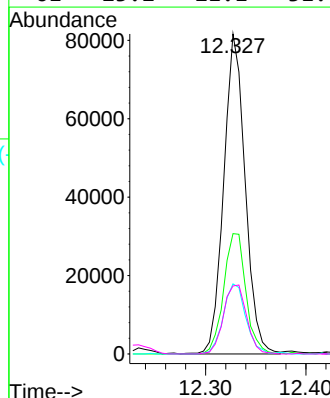
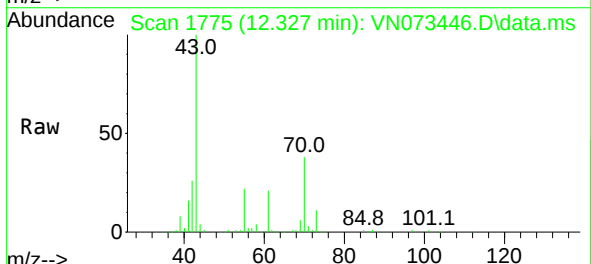
Ion Ratio Lower Upper

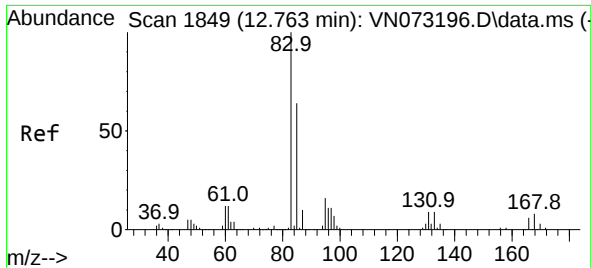
43 100

70 39.1 39.0 58.4

55 23.0 21.1 31.7

61 23.2 21.1 31.7

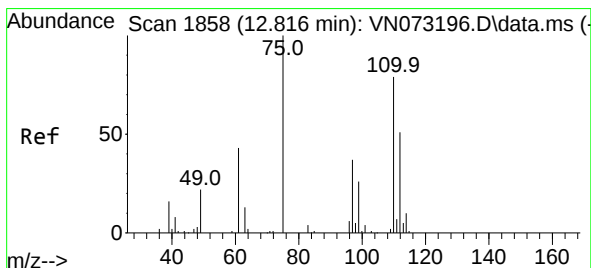
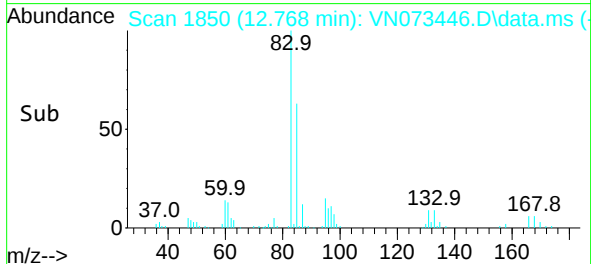
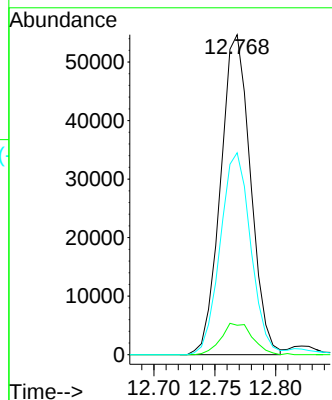
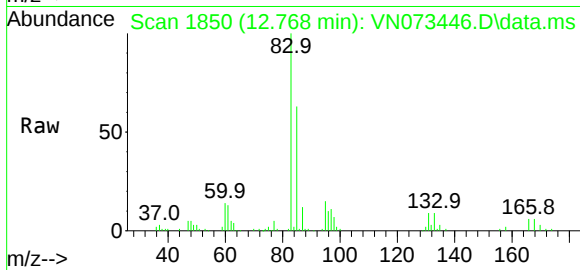




#75
1,1,2-Tetrachloroethane
Concen: 18.915 ug/l
RT: 12.768 min Scan# 1849
Delta R.T. 0.005 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

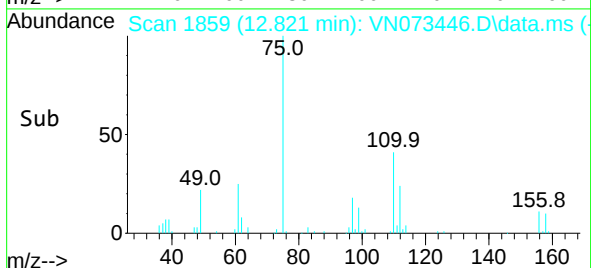
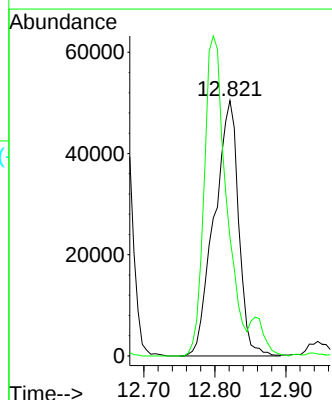
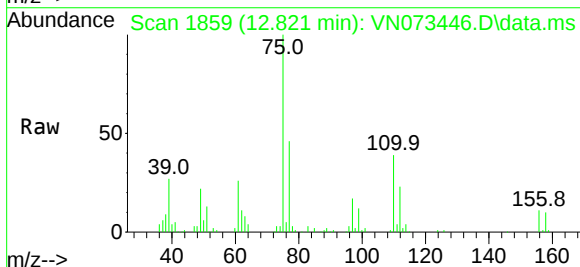
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

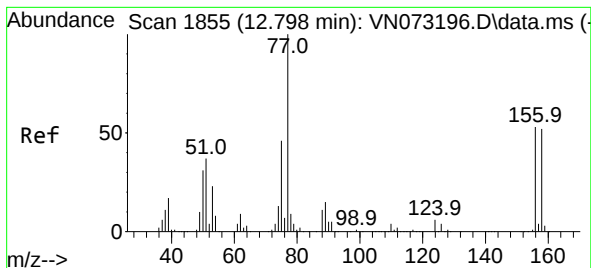
Tgt Ion: 83 Resp: 93481
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 64.5 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 26.624 ug/l
RT: 12.821 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 75 Resp: 120068
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 16.356 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

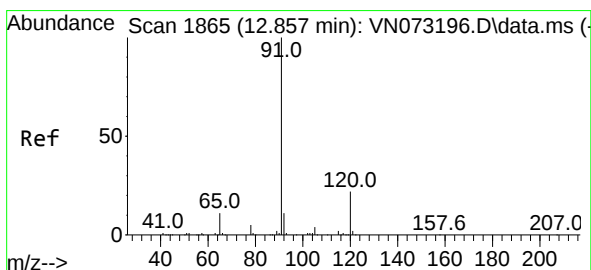
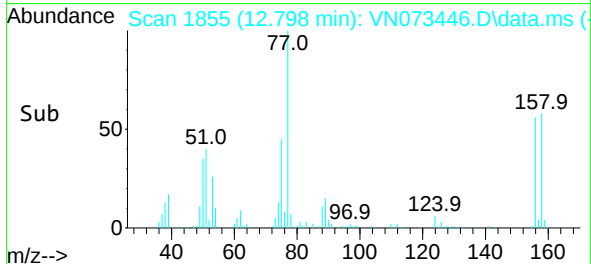
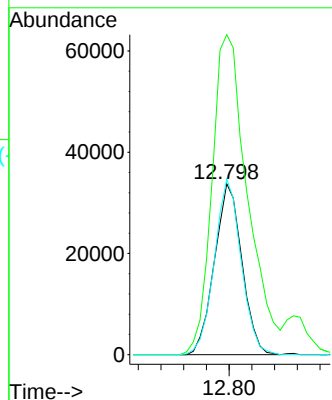
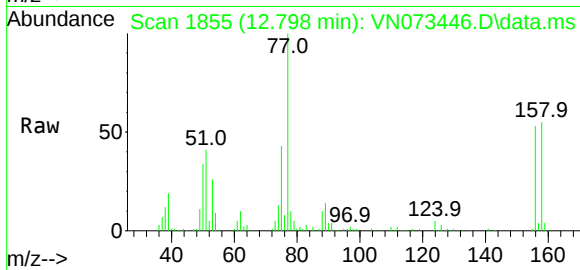
Tgt Ion:156 Resp: 56635

Ion Ratio Lower Upper

156 100

77 241.8 100.5 301.5

158 100.4 48.9 146.6



#78

n-propylbenzene

Concen: 17.875 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073446.D

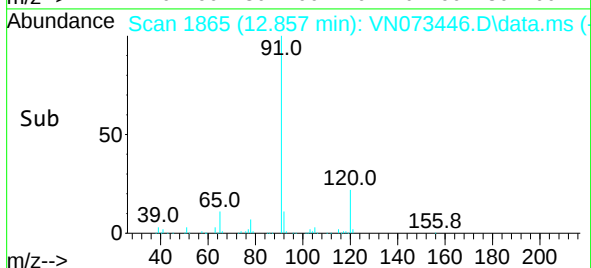
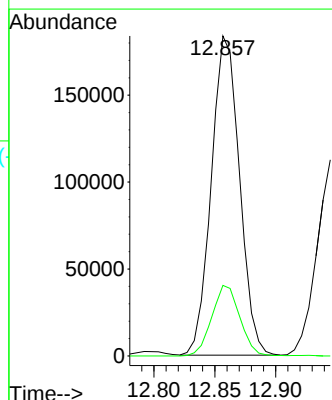
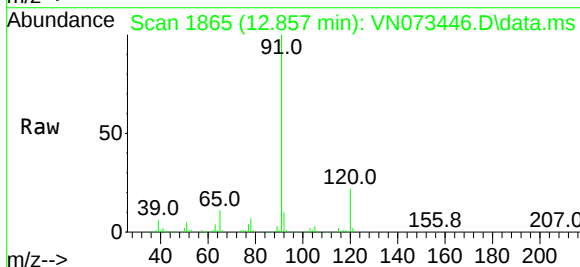
Acq: 13 Jul 2022 13:33

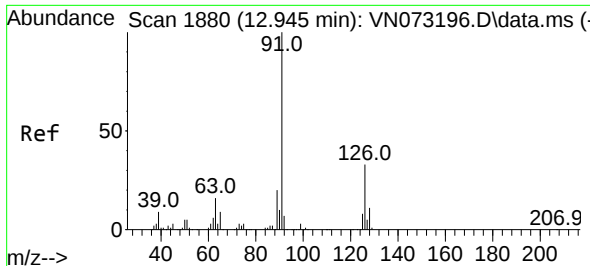
Tgt Ion: 91 Resp: 295750

Ion Ratio Lower Upper

91 100

120 22.0 11.9 35.5

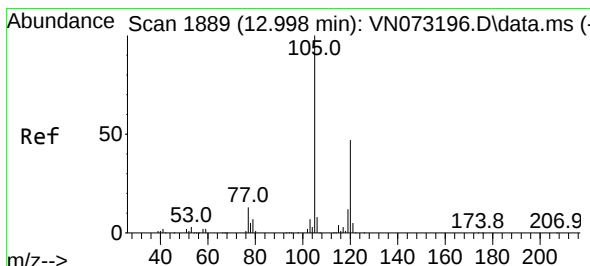
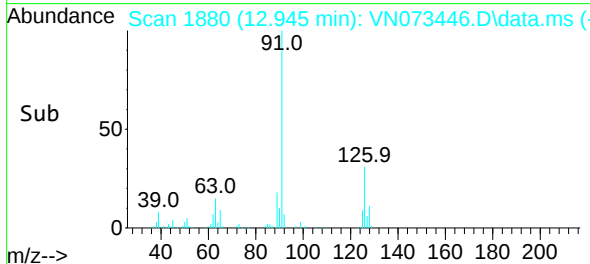
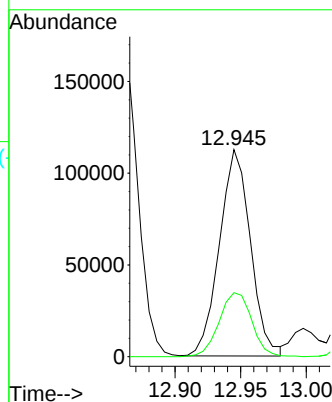
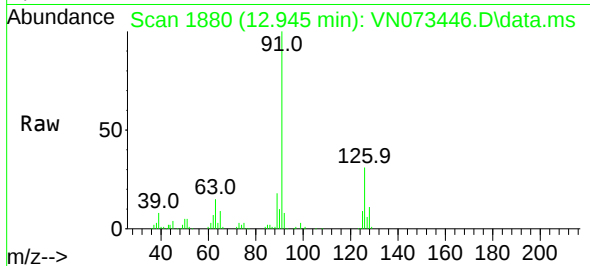




#79
2-Chlorotoluene
Concen: 17.685 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

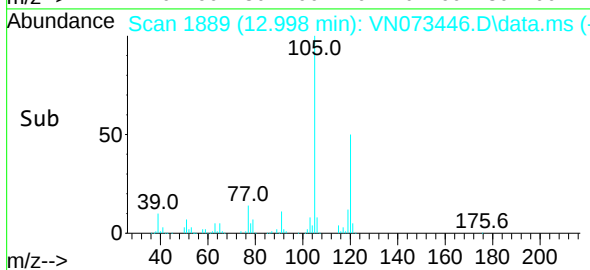
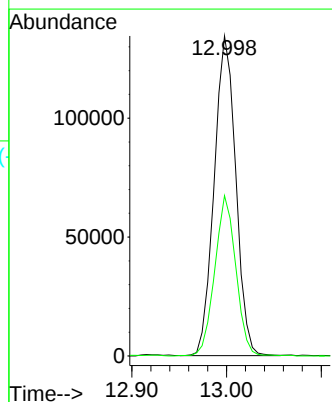
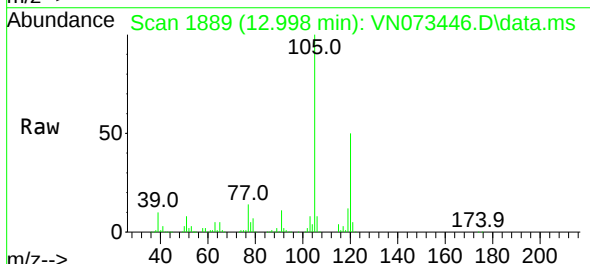
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

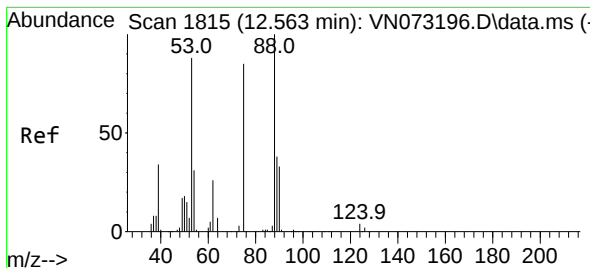
Tgt Ion: 91 Resp: 185192
Ion Ratio Lower Upper
91 100
126 32.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 17.546 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 105 Resp: 212991
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7

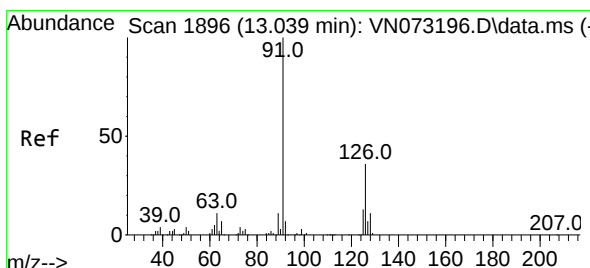
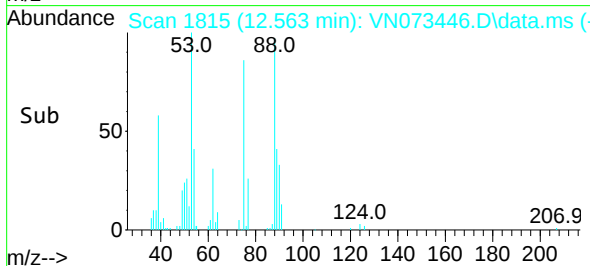
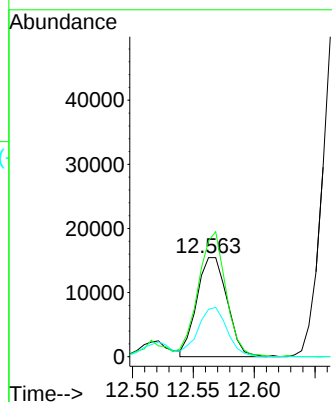
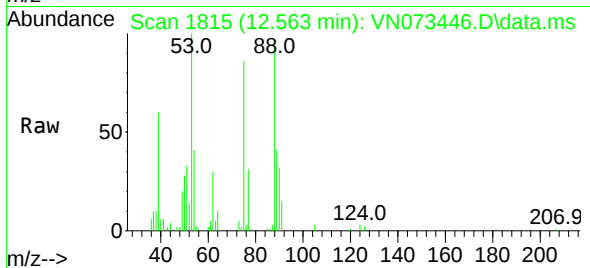




#81
trans-1,4-Dichloro-2-butene
Concen: 16.334 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.001 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

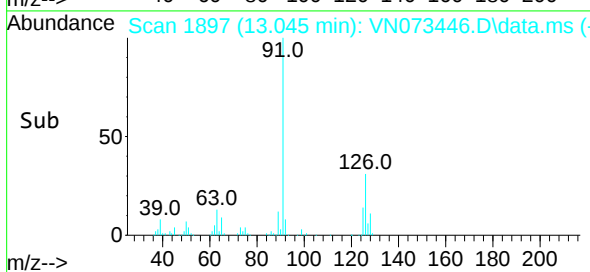
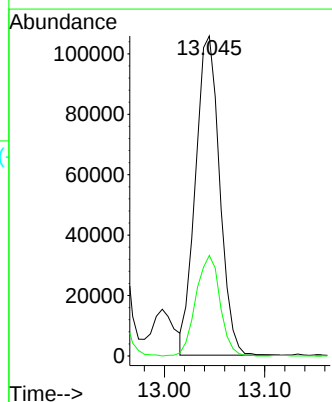
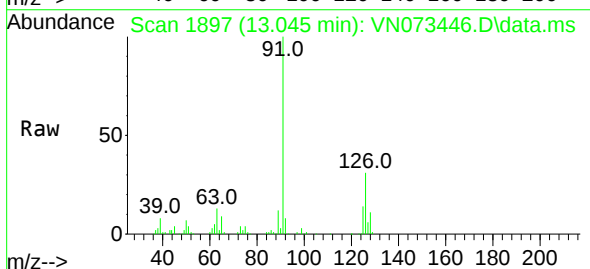
Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

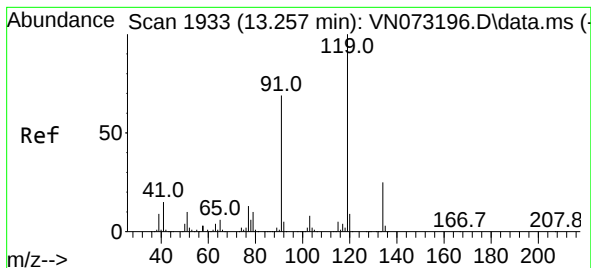
Tgt Ion: 75 Resp: 26859
Ion Ratio Lower Upper
75 100
53 115.7 78.0 117.0
89 47.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 17.449 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion: 91 Resp: 176896
Ion Ratio Lower Upper
91 100
126 31.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 16.958 ug/l

RT: 13.262 min Scan# 1933

Delta R.T. 0.005 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

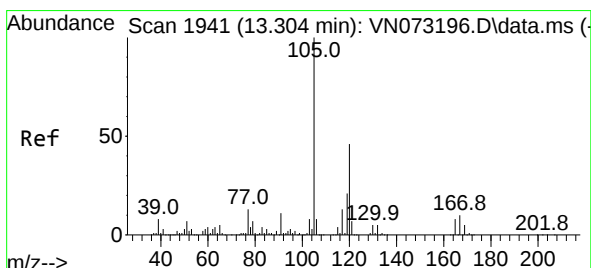
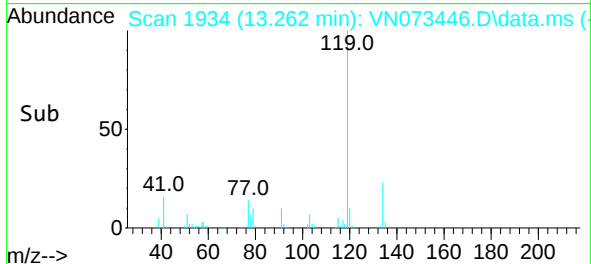
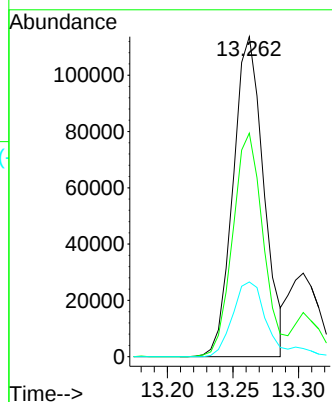
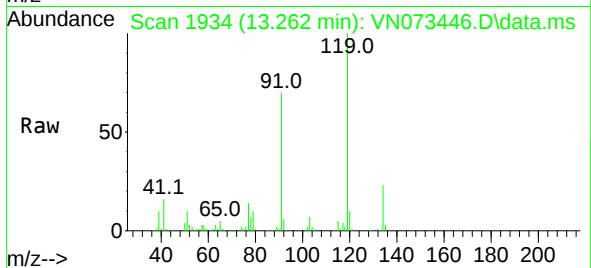
Tgt Ion:119 Resp: 184561

Ion Ratio Lower Upper

119 100

91 70.2 31.6 94.8

134 26.9 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 17.568 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073446.D

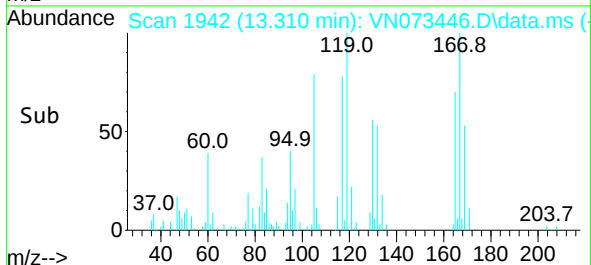
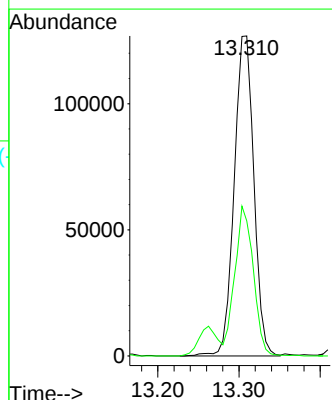
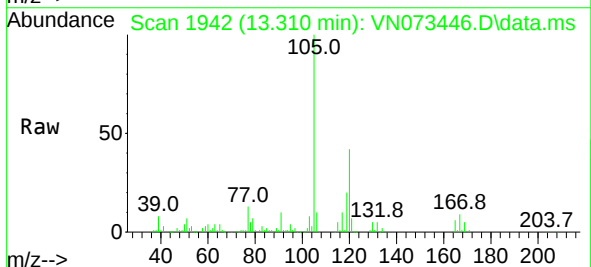
Acq: 13 Jul 2022 13:33

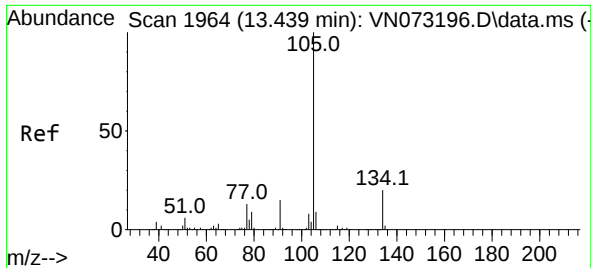
Tgt Ion:105 Resp: 212927

Ion Ratio Lower Upper

105 100

120 44.3 23.3 69.8

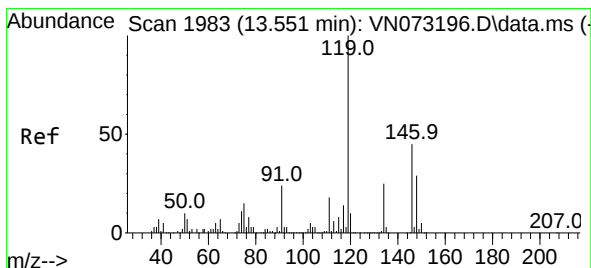
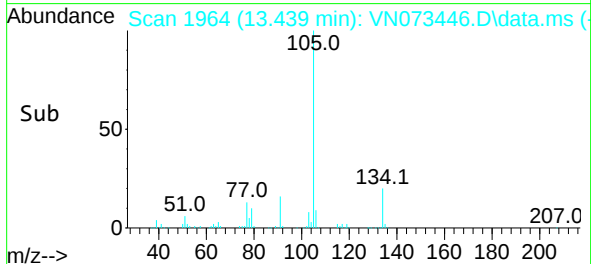
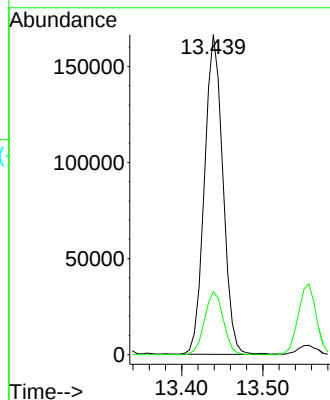
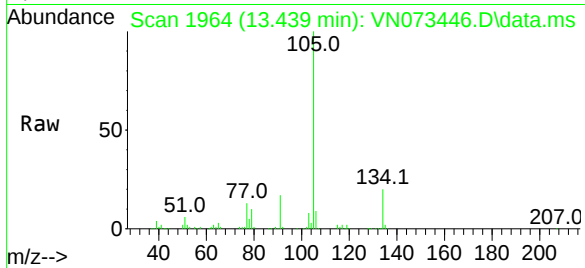




#85
 sec-Butylbenzene
 Concen: 17.870 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

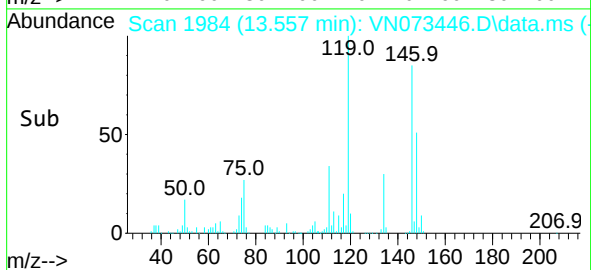
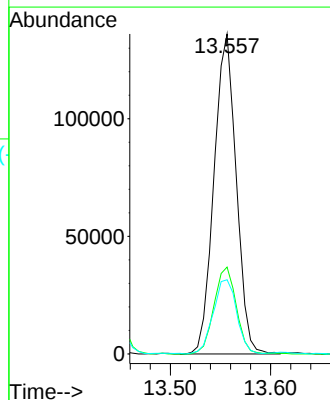
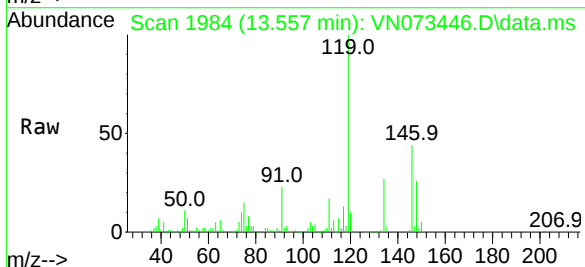
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

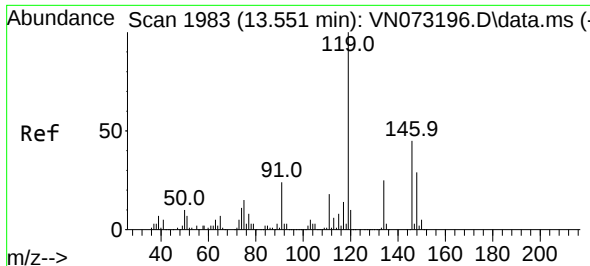
Tgt Ion:105 Resp: 261154
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 17.743 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

Tgt Ion:119 Resp: 209456
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 24.6 11.3 33.9

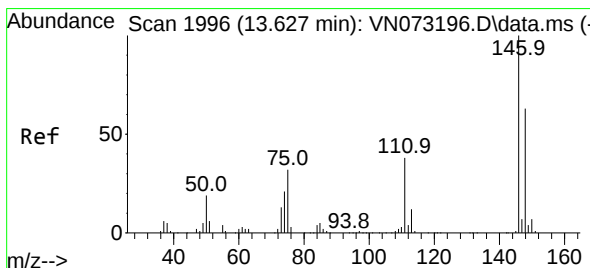
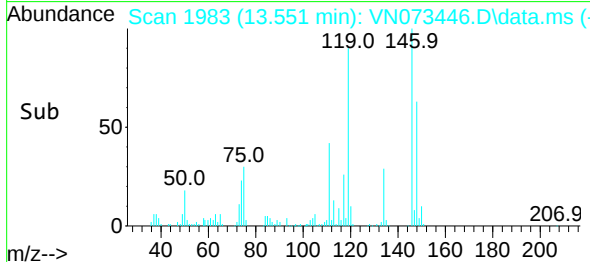
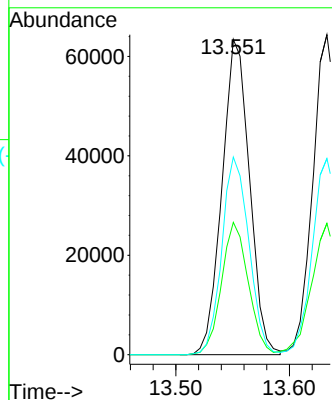
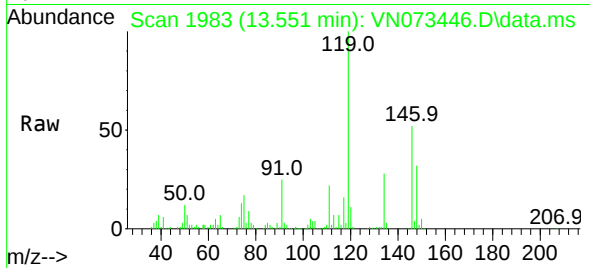




#87
 1,3-Dichlorobenzene
 Concen: 17.179 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

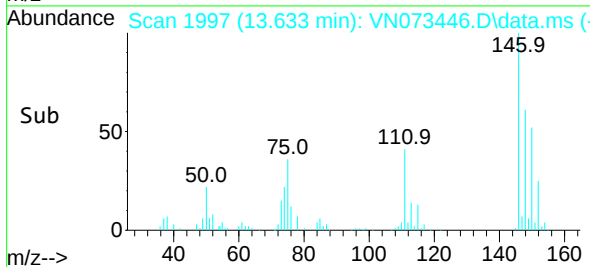
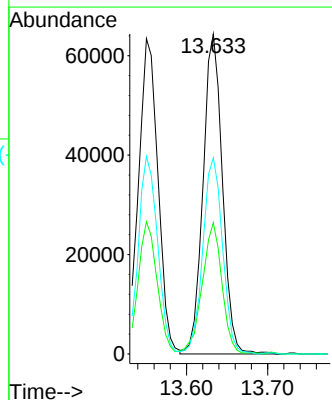
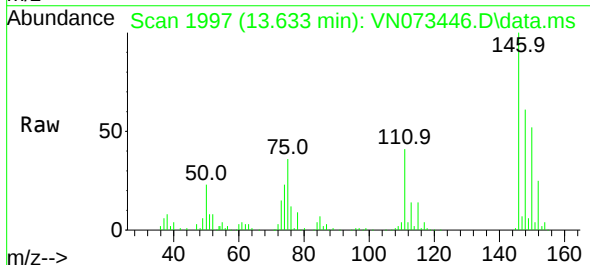
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

Tgt Ion:146 Resp: 106720
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 61.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.090 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

Tgt Ion:146 Resp: 106372
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.1 57.1
 148 62.8 31.4 94.3





#89

n-Butylbenzene

Concen: 17.471 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

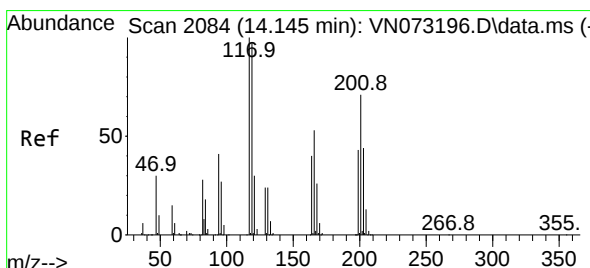
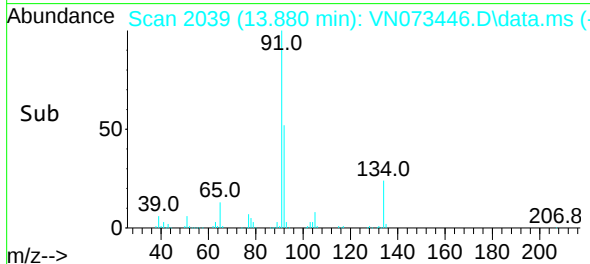
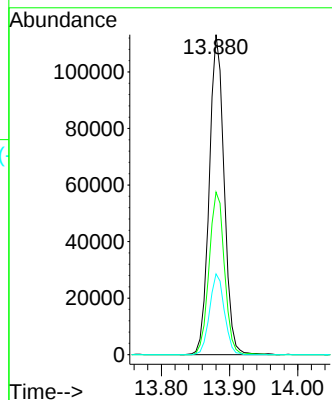
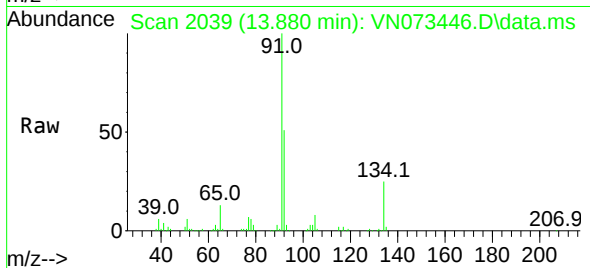
Tgt Ion: 91 Resp: 171863

Ion Ratio Lower Upper

91 100

92 52.5 26.9 80.7

134 25.0 13.6 40.8



#90

Hexachloroethane

Concen: 17.279 ug/l

RT: 14.145 min Scan# 2084

Delta R.T. -0.000 min

Lab File: VN073446.D

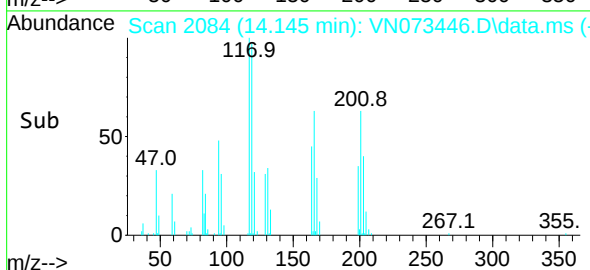
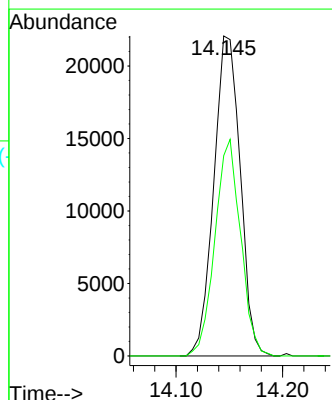
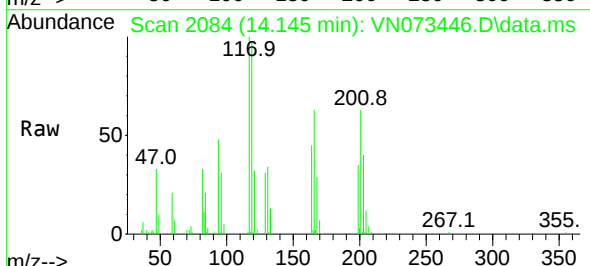
Acq: 13 Jul 2022 13:33

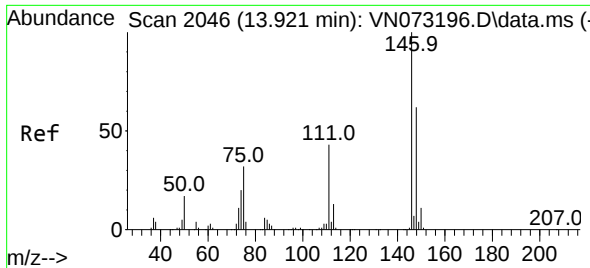
Tgt Ion: 117 Resp: 38014

Ion Ratio Lower Upper

117 100

201 65.8 40.6 122.0

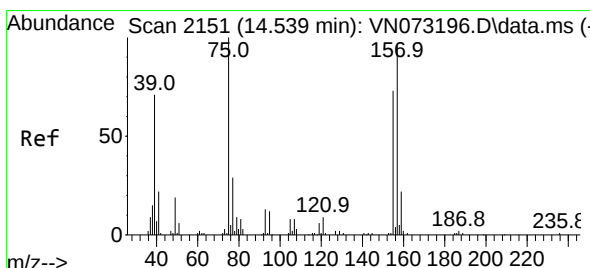
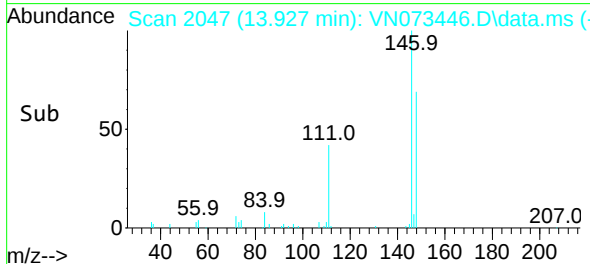
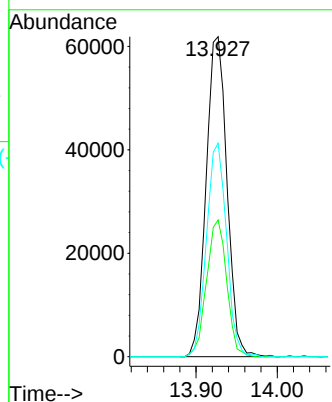
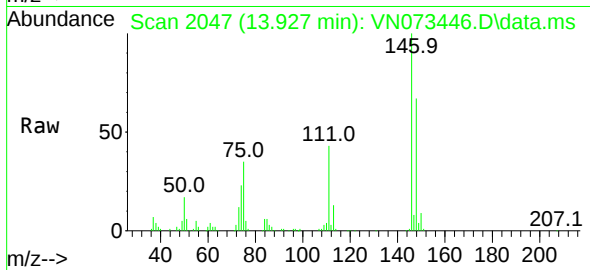




#91
 1,2-Dichlorobenzene
 Concen: 17.386 ug/l
 RT: 13.927 min Scan# 2046
 Delta R.T. 0.006 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

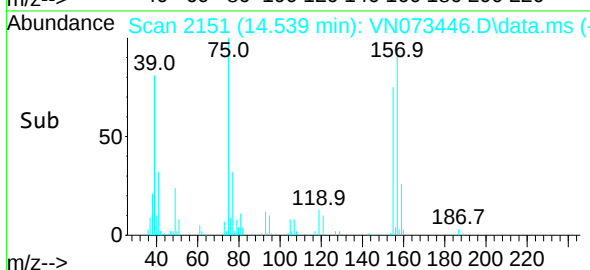
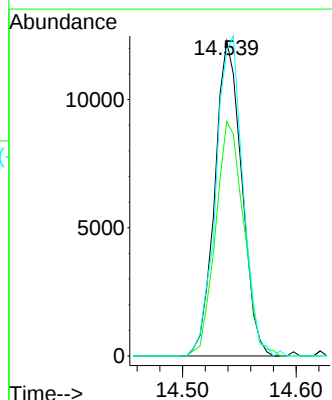
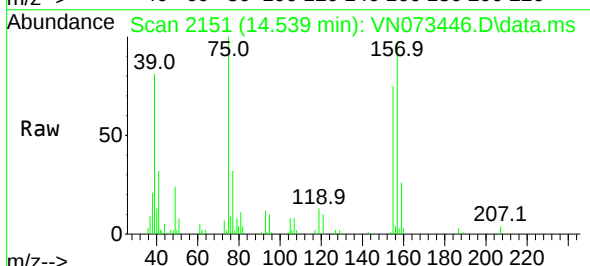
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

Tgt Ion:146 Resp: 110023
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.9 62.8
 148 64.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.840 ug/l
 RT: 14.539 min Scan# 2151
 Delta R.T. -0.000 min
 Lab File: VN073446.D
 Acq: 13 Jul 2022 13:33

Tgt Ion: 75 Resp: 20229
 Ion Ratio Lower Upper
 75 100
 155 77.9 44.9 134.5
 157 102.2 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 16.250 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0713MBS01

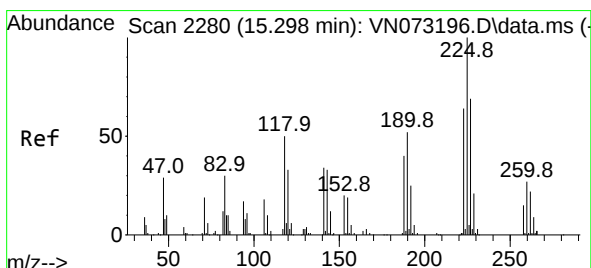
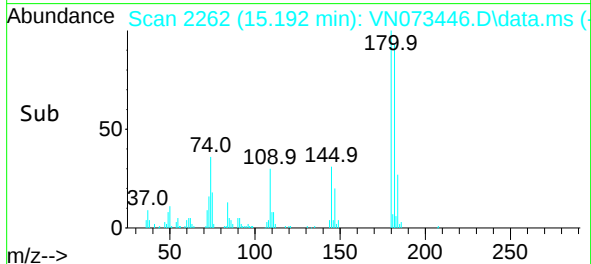
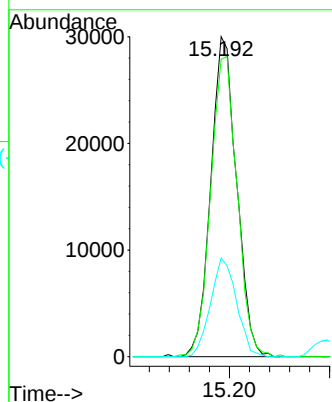
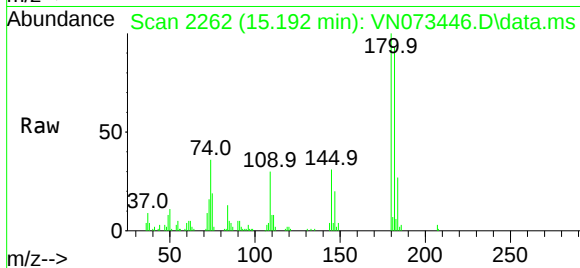
Tgt Ion:180 Resp: 53543

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.5

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 16.890 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.005 min

Lab File: VN073446.D

Acq: 13 Jul 2022 13:33

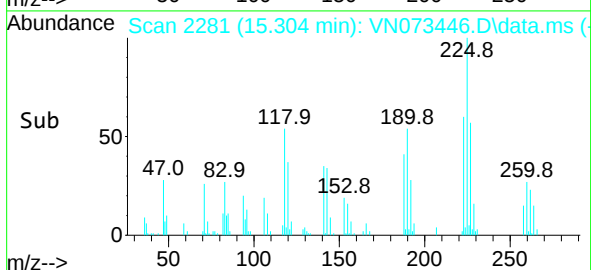
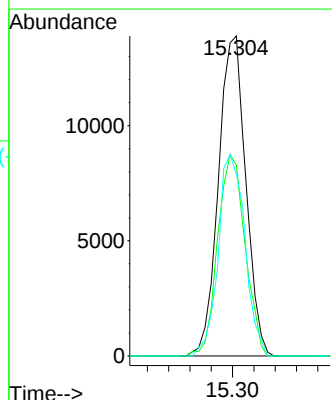
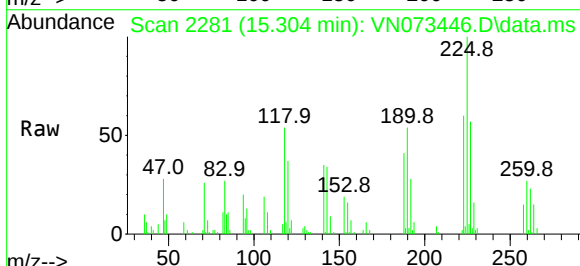
Tgt Ion:225 Resp: 24740

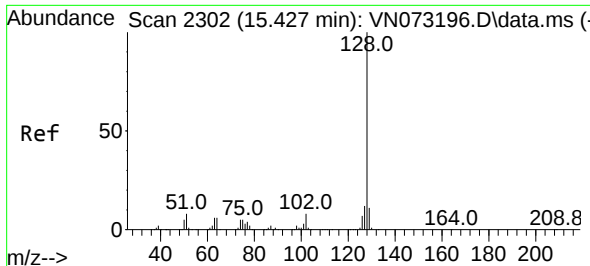
Ion Ratio Lower Upper

225 100

223 63.0 32.4 97.2

227 61.5 31.8 95.4

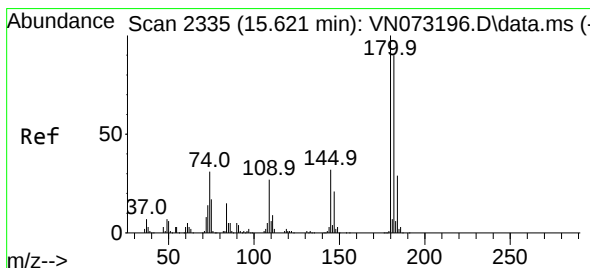
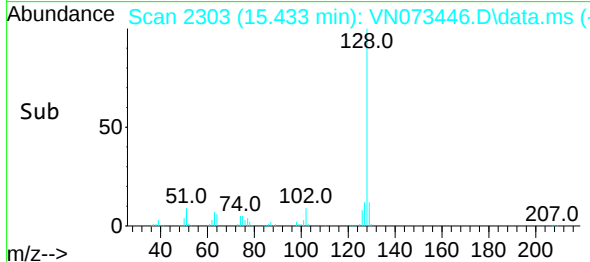
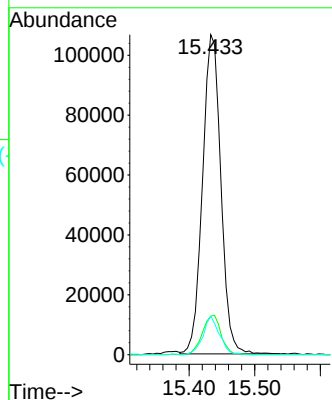
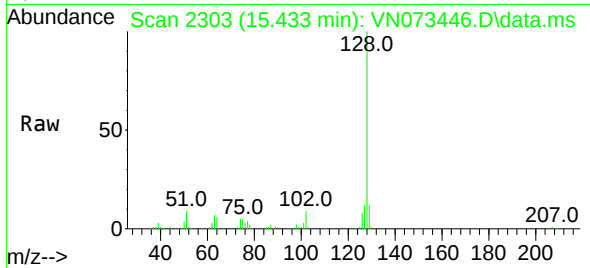




#95
Naphthalene
Concen: 15.629 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Instrument :
MSVOA_N
ClientSampleId :
VN0713MBS01

Tgt Ion:128 Resp: 207752
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.433 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073446.D
Acq: 13 Jul 2022 13:33

Tgt Ion:180 Resp: 55856
Ion Ratio Lower Upper
180 100
182 99.9 47.8 143.3
145 34.0 15.5 46.5

