

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071287.D
 Acq On : 15 Mar 2022 13:05
 Operator : JC\MD
 Sample : VN0315WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01

Quant Time: Mar 15 18:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	597600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	965287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	853341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	339268	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	450608	55.017	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.040%	
35) Dibromofluoromethane	8.016	113	346871	56.945	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 113.900%	
50) Toluene-d8	10.439	98	1374858	56.059	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 112.120%	
62) 4-Bromofluorobenzene	12.727	95	442099	53.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	119503	18.246	ug/l	98
3) Chloromethane	2.299	50	170192	19.335	ug/l	98
4) Vinyl Chloride	2.440	62	153953	19.180	ug/l	100
5) Bromomethane	2.846	94	88215	21.167	ug/l	95
6) Chloroethane	3.010	64	99127	20.393	ug/l	97
7) Trichlorofluoromethane	3.375	101	203235	19.237	ug/l	99
8) Diethyl Ether	3.822	74	87309	19.313	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	120882	19.766	ug/l	94
10) Methyl Iodide	4.422	142	149956	17.360	ug/l	98
11) Tert butyl alcohol	5.363	59	154868	96.253	ug/l	97
12) 1,1-Dichloroethene	4.181	96	114812	19.164	ug/l	94
13) Acrolein	4.040	56	78869	46.312	ug/l	100
14) Allyl chloride	4.840	41	246406	18.910	ug/l	86
15) Acrylonitrile	5.545	53	469131	98.196	ug/l	99
16) Acetone	4.281	43	395978	99.363	ug/l	96
17) Carbon Disulfide	4.534	76	292470	17.147	ug/l	100
18) Methyl Acetate	4.851	43	234984	22.219	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	456687	20.303	ug/l	98
20) Methylene Chloride	5.092	84	144561	20.078	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	124500	18.998	ug/l	91
22) Diisopropyl ether	6.492	45	512805	19.976	ug/l	94
23) Vinyl Acetate	6.428	43	2201554	101.300	ug/l	97
24) 1,1-Dichloroethane	6.386	63	274334	20.223	ug/l	98
25) 2-Butanone	7.328	43	646862	100.763	ug/l	96
26) 2,2-Dichloropropane	7.322	77	216733	20.710	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	153567	19.745	ug/l	91
28) Bromochloromethane	7.657	49	121771	20.158	ug/l	85
29) Tetrahydrofuran	7.681	42	445264	100.119	ug/l	92
30) Chloroform	7.816	83	260267	20.116	ug/l	99
31) Cyclohexane	8.092	56	247437	18.918	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	224755	20.394	ug/l	97
36) 1,1-Dichloropropene	8.216	75	187176	19.179	ug/l	96
37) Ethyl Acetate	7.404	43	256687	19.111	ug/l	98
38) Carbon Tetrachloride	8.204	117	190373	20.167	ug/l	99
39) Methylcyclohexane	9.457	83	221207	19.267	ug/l	92
40) Benzene	8.457	78	586724	19.953	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	137861	20.973	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	212970	20.813	ug/l	99
43) Isopropyl Acetate	8.557	43	434367	21.626	ug/l #	93
44) Trichloroethene	9.210	130	136111	19.618	ug/l	98
45) 1,2-Dichloropropane	9.486	63	160279	20.305	ug/l	98
46) Dibromomethane	9.575	93	98876	20.352	ug/l	97
47) Bromodichloromethane	9.757	83	203148	20.691	ug/l	98
48) Methyl methacrylate	9.557	41	173666	18.657	ug/l	89
49) 1,4-Dioxane	9.563	88	67580	417.689	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1278010	102.525	ug/l	99
52) Toluene	10.504	92	362964	20.046	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	216897	20.040	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	235826	19.942	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	145816	20.097	ug/l	99
56) Ethyl methacrylate	10.757	69	230077	19.417	ug/l	91
57) 1,3-Dichloropropane	11.039	76	259757	19.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	299844	134.888	ug/l	94
59) 2-Hexanone	11.080	43	923395	108.568	ug/l	100
60) Dibromochloromethane	11.233	129	150113	20.822	ug/l	100
61) 1,2-Dibromoethane	11.339	107	146846	19.802	ug/l	98
64) Tetrachloroethene	10.974	164	119247	20.036	ug/l	94
65) Chlorobenzene	11.769	112	368110	20.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	142670	21.232	ug/l	98
67) Ethyl Benzene	11.839	91	670637	20.697	ug/l	96
68) m/p-Xylenes	11.951	106	505589	42.652	ug/l	98
69) o-Xylene	12.280	106	251201	21.141	ug/l	98
70) Styrene	12.292	104	393552	21.397	ug/l	98
71) Bromoform	12.451	173	111558	21.861	ug/l #	100
73) Isopropylbenzene	12.574	105	643383	19.672	ug/l	100
74) N-amyl acetate	12.380	43	253671	20.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	230825	22.333	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	284095	33.626	ug/l	66
77) Bromobenzene	12.857	156	148680	19.496	ug/l	79
78) n-propylbenzene	12.916	91	696738	19.853	ug/l	97
79) 2-Chlorotoluene	13.004	91	443213	19.674	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	515522	20.261	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	66484	21.184	ug/l	97
82) 4-Chlorotoluene	13.098	91	412169	20.540	ug/l	94
83) tert-Butylbenzene	13.321	119	463218	20.399	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	509467	20.904	ug/l	100
85) sec-Butylbenzene	13.498	105	611476	20.260	ug/l	99
86) p-Isopropyltoluene	13.610	119	493242	20.780	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	245162	19.785	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	236681	19.540	ug/l	96
89) n-Butylbenzene	13.939	91	359093	19.342	ug/l	96
90) Hexachloroethane	14.204	117	93544	19.818	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	243010	20.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40854	21.469	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	99263	19.775	ug/l	98
94) Hexachlorobutadiene	15.368	225	67869	20.293	ug/l	98
95) Naphthalene	15.504	128	256890	19.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	96143	19.796	ug/l	97

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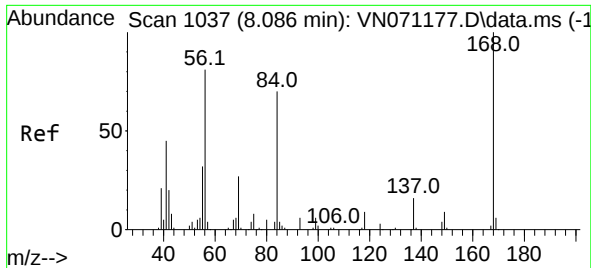
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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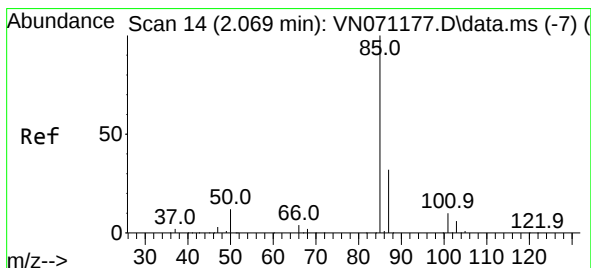
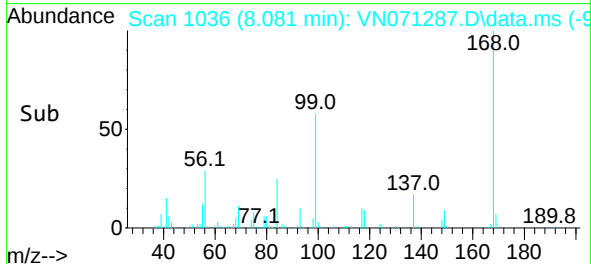
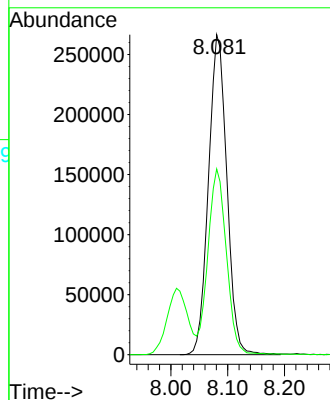
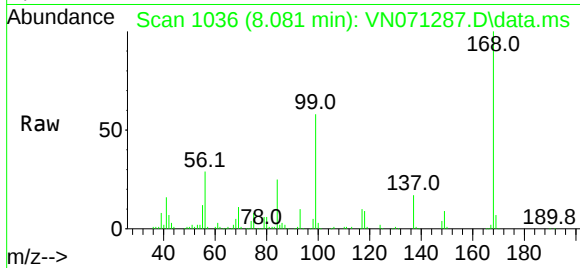




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071287.D
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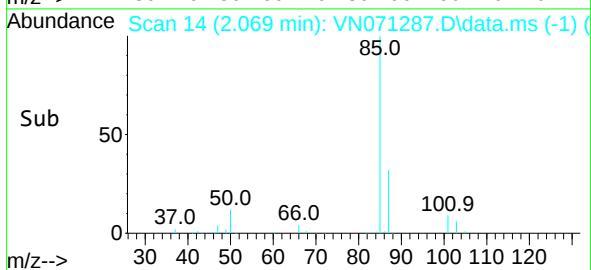
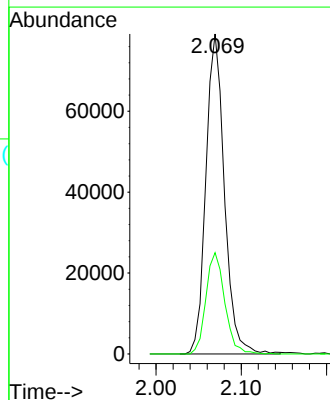
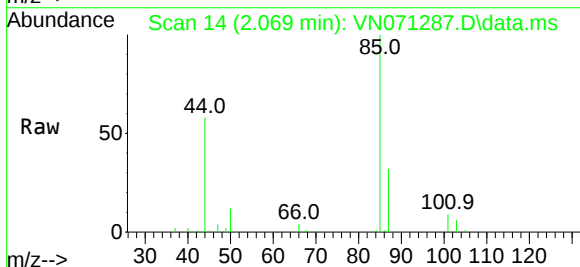
Instrument :
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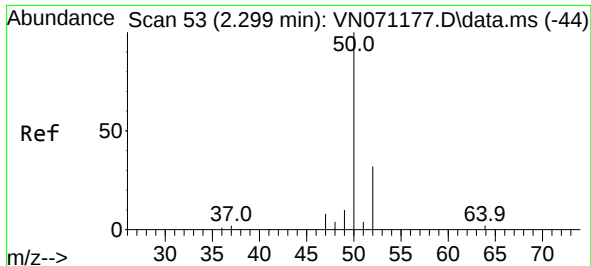
Tgt Ion:168 Resp: 597600
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 18.246 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 85 Resp: 119503
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9

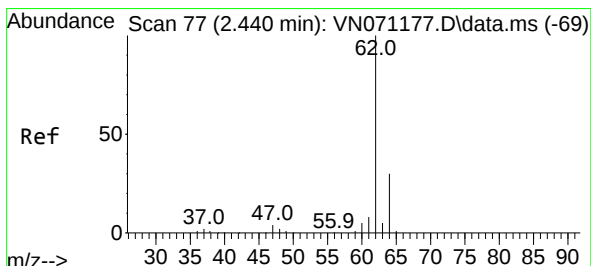
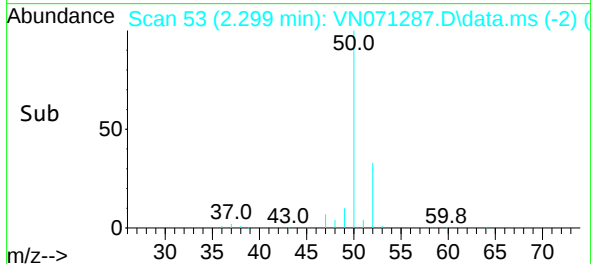
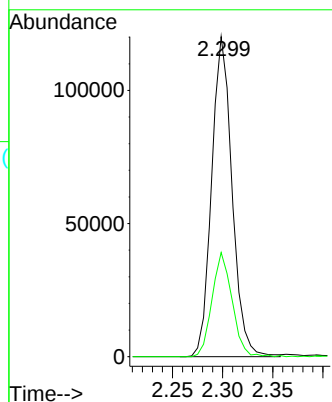
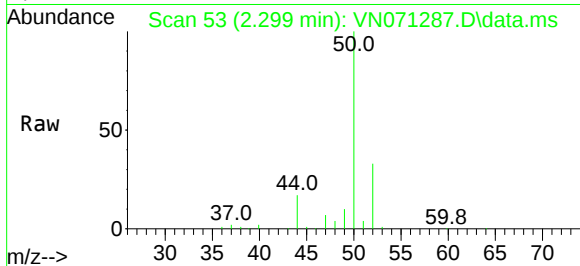




#3
Chloromethane
Concen: 19.335 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

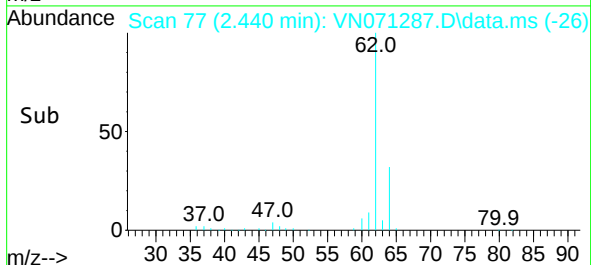
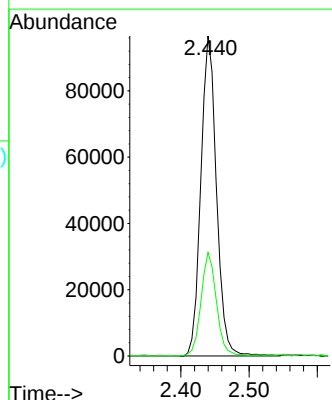
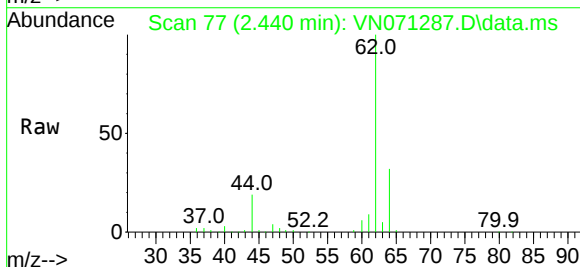
Instrument :
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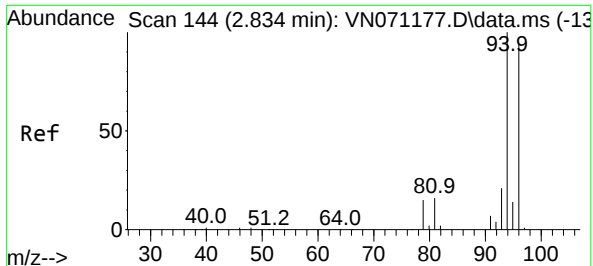
Tgt Ion: 50 Resp: 170192
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0



#4
Vinyl Chloride
Concen: 19.180 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 62 Resp: 153953
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

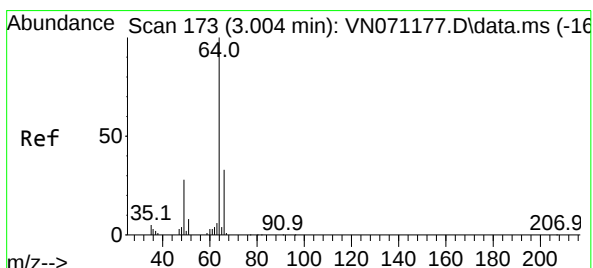
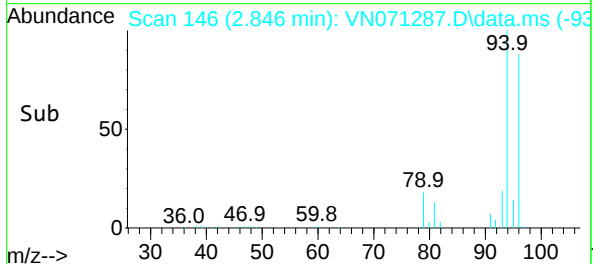
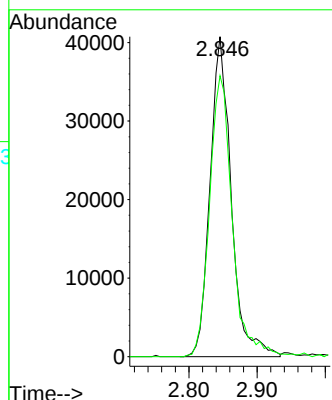
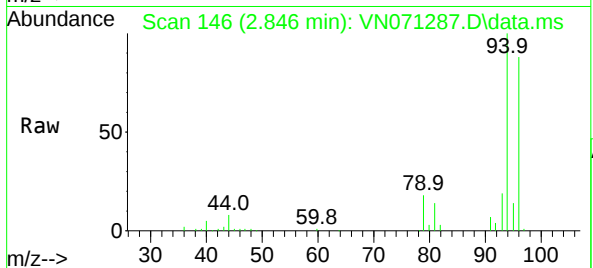




#5
Bromomethane
Concen: 21.167 ug/l
RT: 2.846 min Scan# 144
Delta R.T. 0.012 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

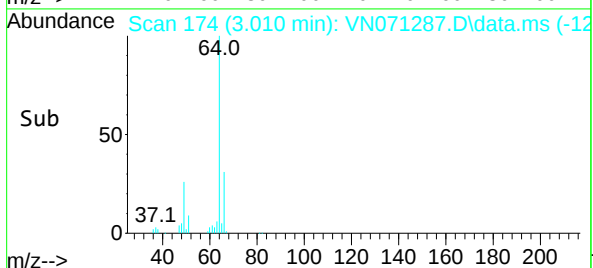
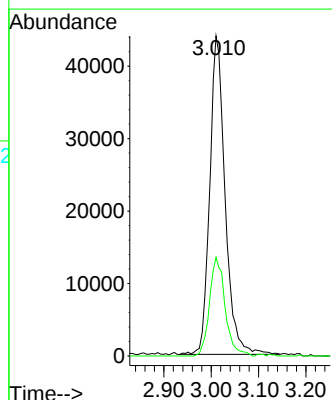
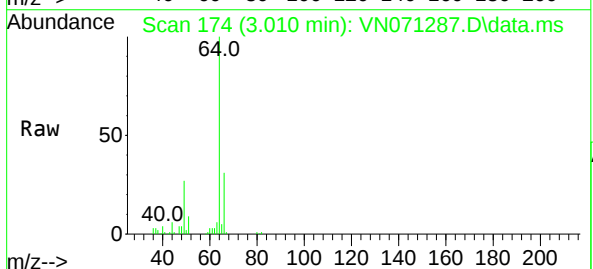
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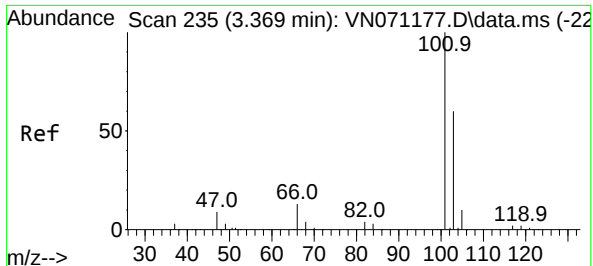
Tgt Ion: 94 Resp: 88215
Ion Ratio Lower Upper
94 100
96 87.8 73.8 110.8



#6
Chloroethane
Concen: 20.393 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 64 Resp: 99127
Ion Ratio Lower Upper
64 100
66 31.0 26.3 39.5

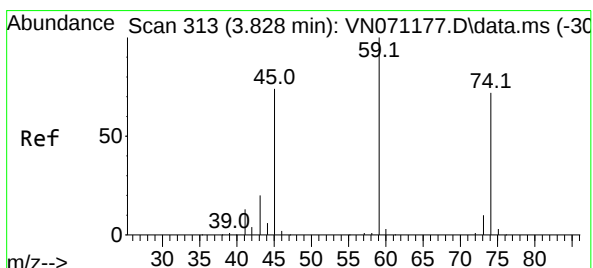
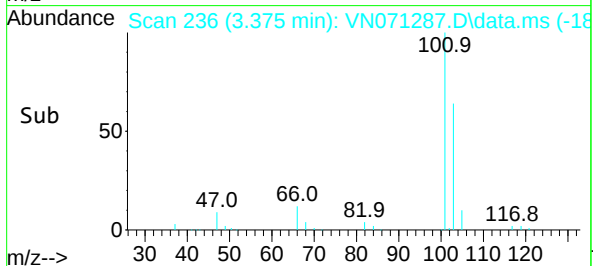
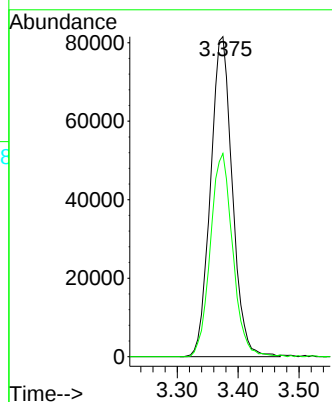
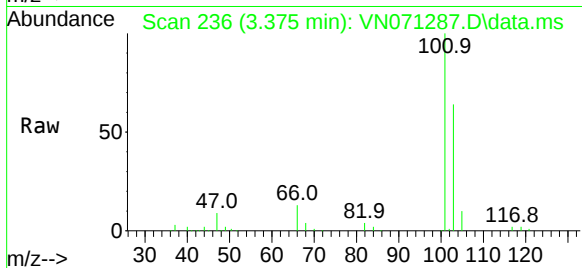




#7
 Trichlorofluoromethane
 Concen: 19.237 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071287.D
 Acq: 15 Mar 2022 13:05

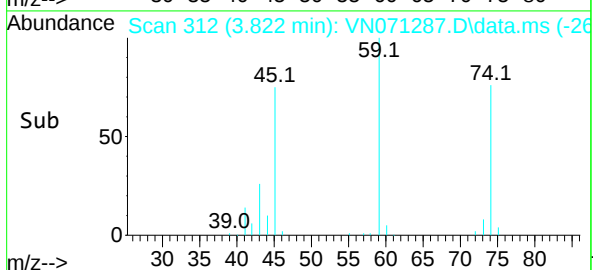
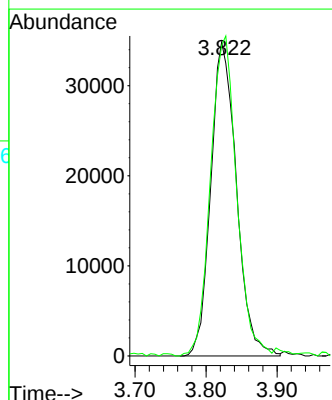
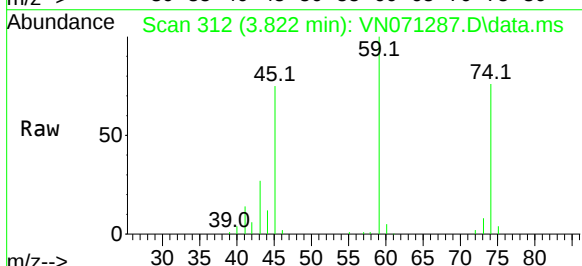
Instrument :
 MSVOA_N
 ClientSampleId :
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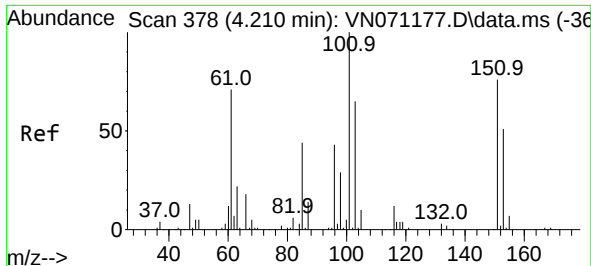
Tgt Ion:101 Resp: 203235
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.313 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071287.D
 Acq: 15 Mar 2022 13:05

Tgt Ion: 74 Resp: 87309
 Ion Ratio Lower Upper
 74 100
 45 103.4 47.0 141.2

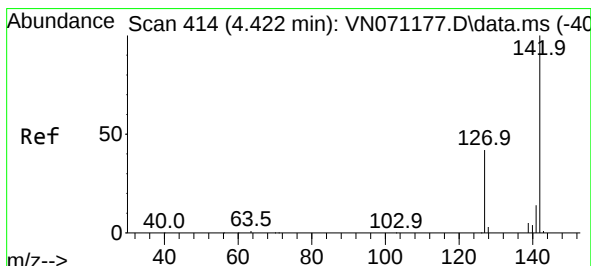
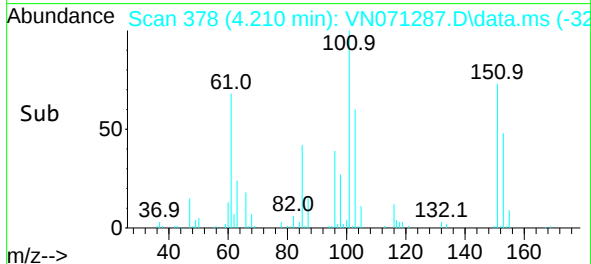
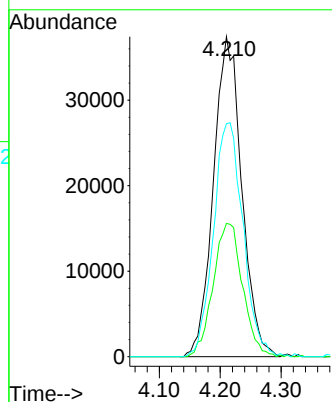
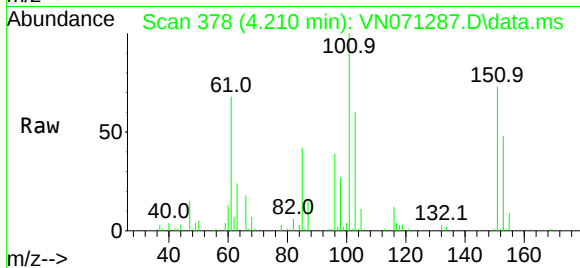




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.766 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

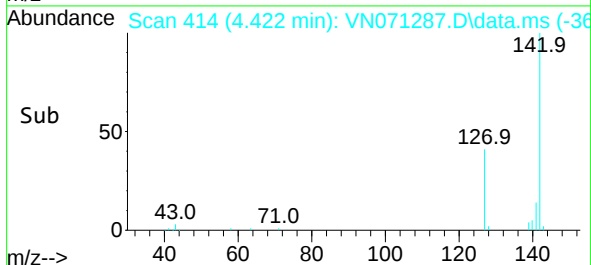
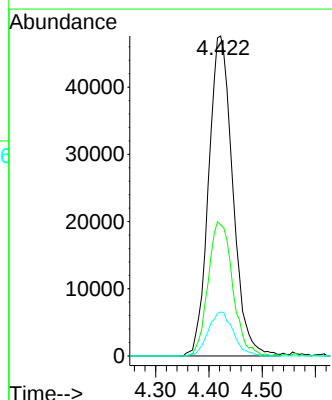
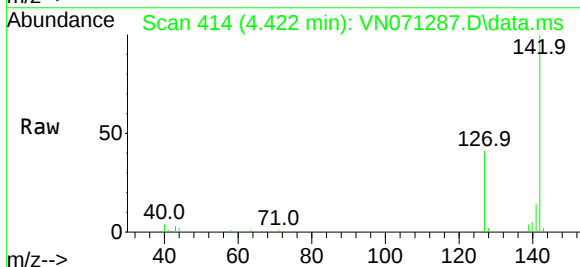
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

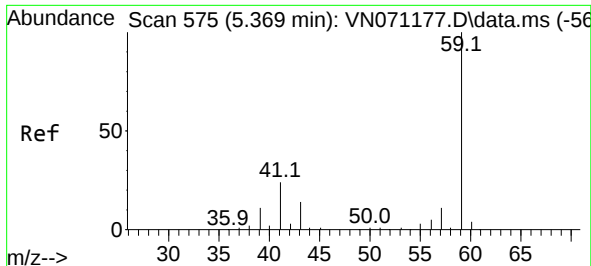
Tgt Ion:101 Resp: 120882
Ion Ratio Lower Upper
101 100
85 43.3 37.2 55.8
151 76.6 65.9 98.9



#10
Methyl Iodide
Concen: 17.360 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion:142 Resp: 149956
Ion Ratio Lower Upper
142 100
127 42.6 35.4 53.0
141 14.3 11.6 17.4

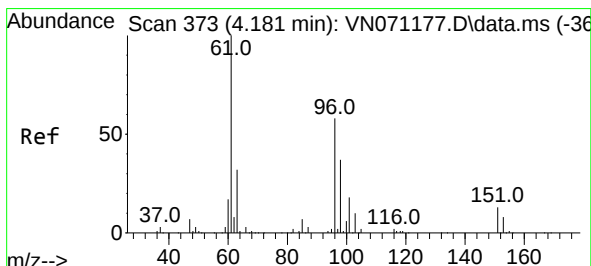
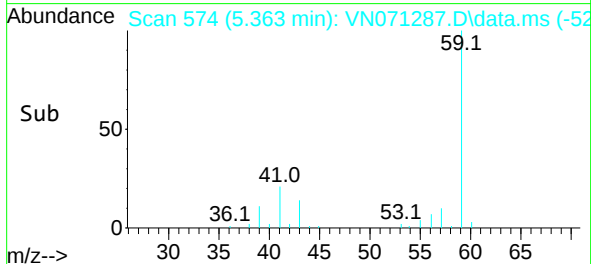
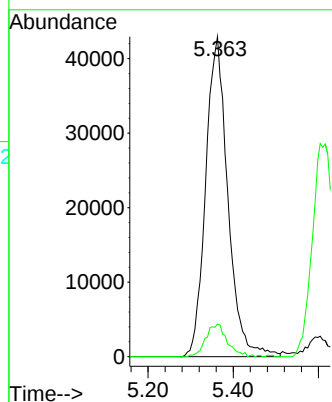
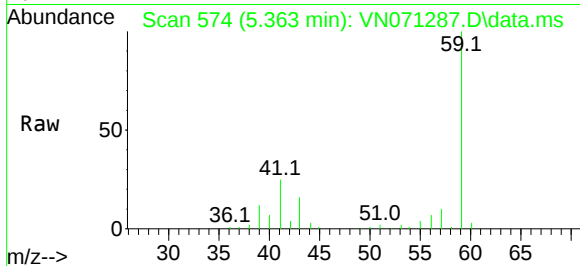




#11
Tert butyl alcohol
Concen: 96.253 ug/l
RT: 5.363 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

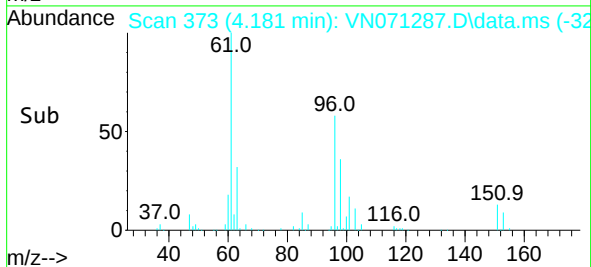
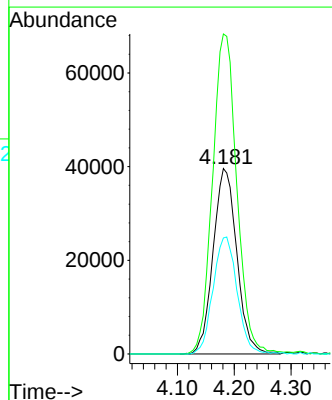
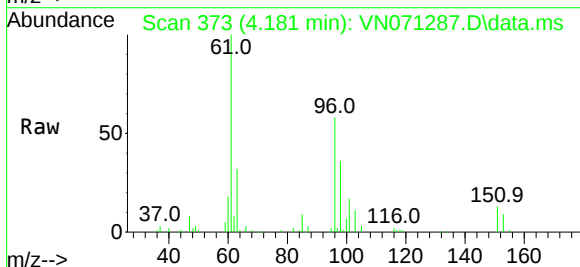
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

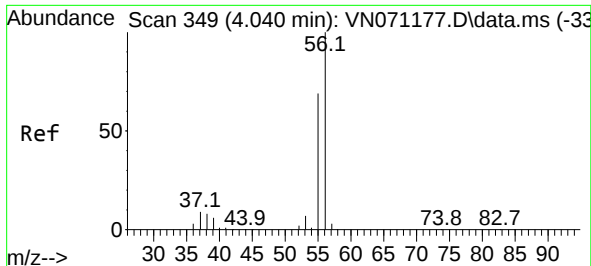
Tgt Ion: 59 Resp: 154868
Ion Ratio Lower Upper
59 100
57 9.8 8.7 13.1



#12
1,1-Dichloroethene
Concen: 19.164 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 96 Resp: 114812
Ion Ratio Lower Upper
96 100
61 172.5 131.0 196.6
98 62.5 52.4 78.6

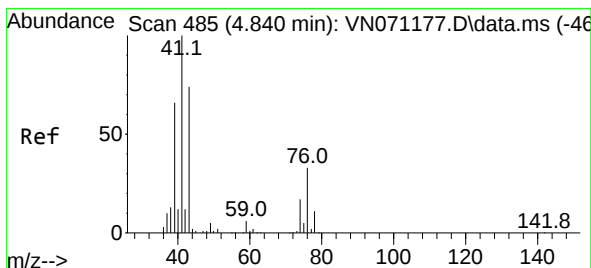
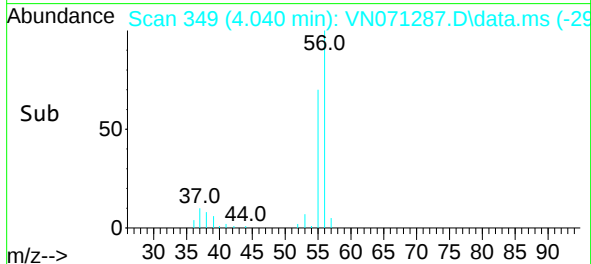
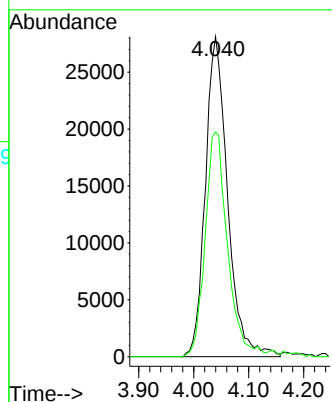
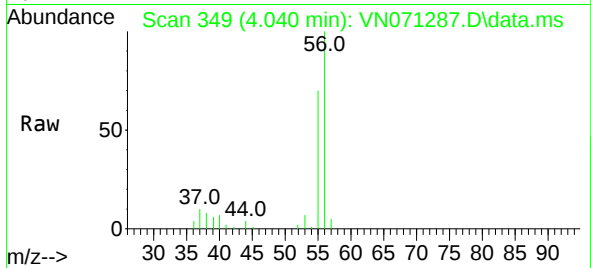




#13
Acrolein
Concen: 46.312 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

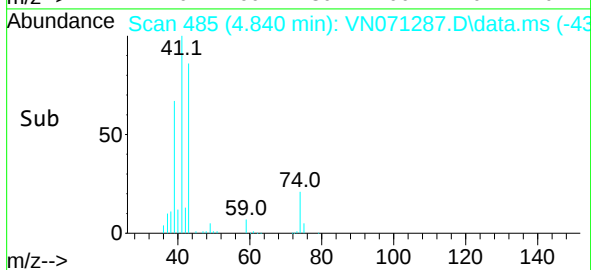
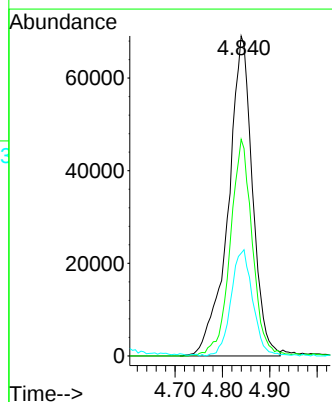
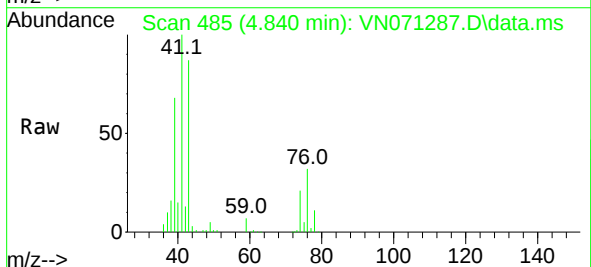
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

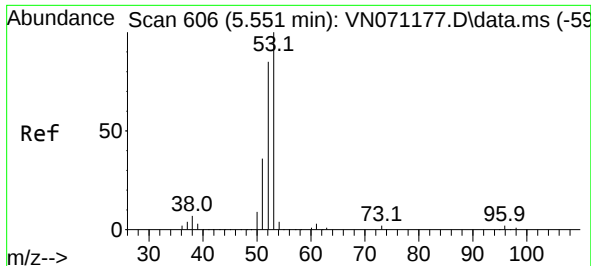
Tgt Ion: 56 Resp: 78869
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0



#14
Allyl chloride
Concen: 18.910 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 41 Resp: 246406
Ion Ratio Lower Upper
41 100
39 61.6 61.2 91.8
76 29.7 26.0 39.0

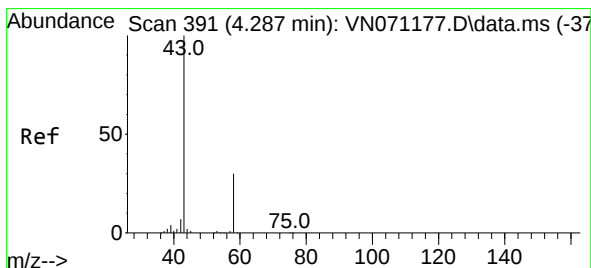
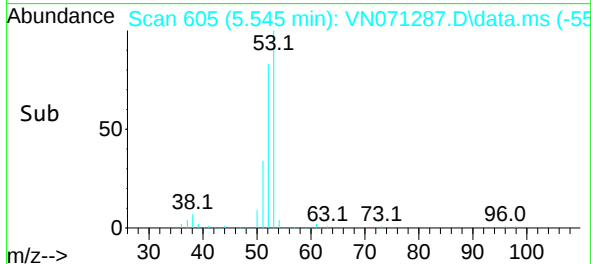
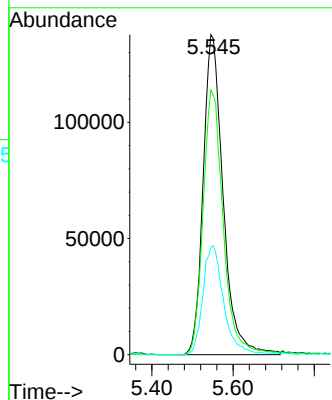
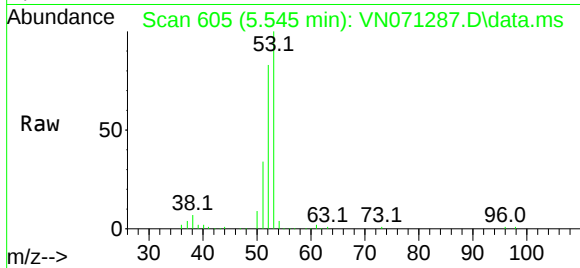




#15
Acrylonitrile
Concen: 98.196 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

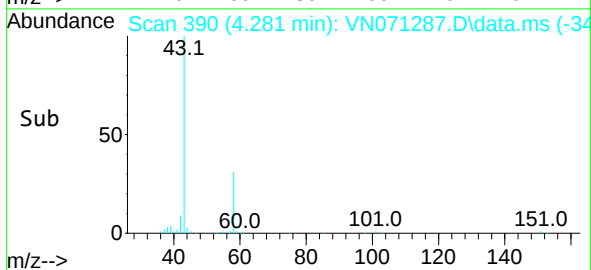
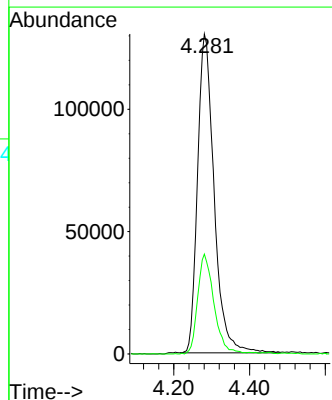
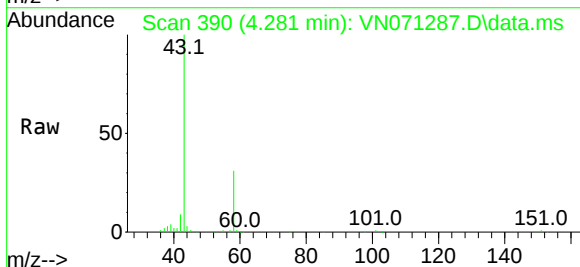
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

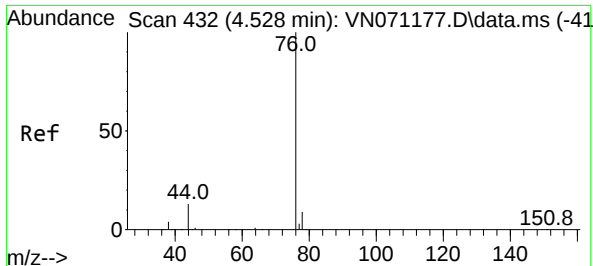
Tgt Ion: 53 Resp: 469131
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 35.6 29.6 44.4



#16
Acetone
Concen: 99.363 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 43 Resp: 395978
Ion Ratio Lower Upper
43 100
58 31.3 23.1 34.7

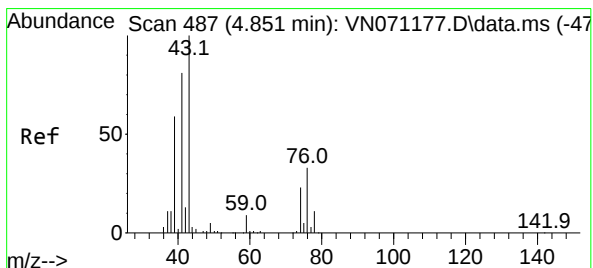
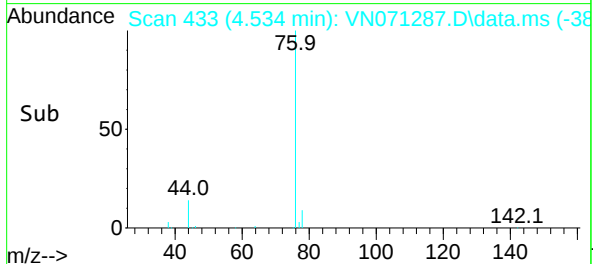
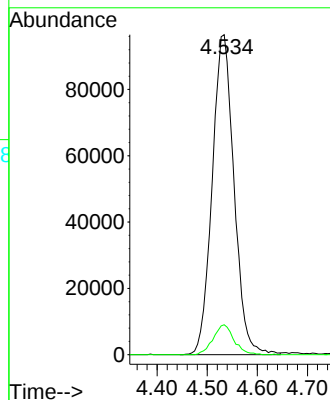
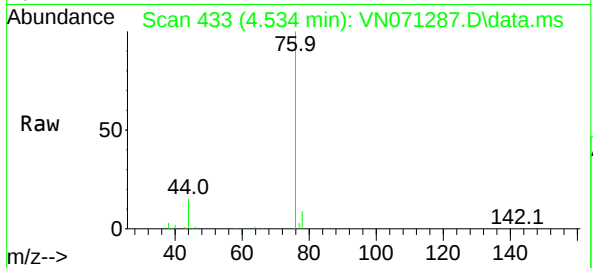




#17
Carbon Disulfide
Concen: 17.147 ug/l
RT: 4.534 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

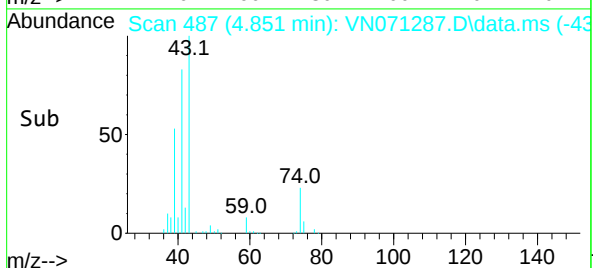
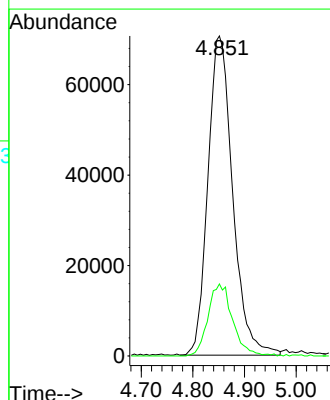
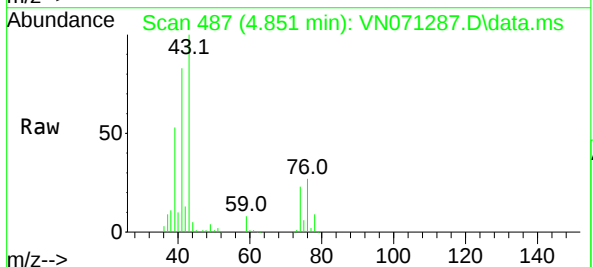
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

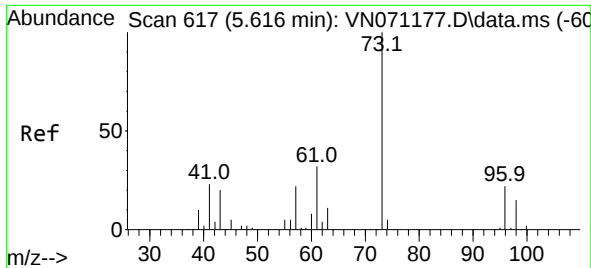
Tgt Ion: 76 Resp: 292470
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 22.219 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 43 Resp: 234984
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2

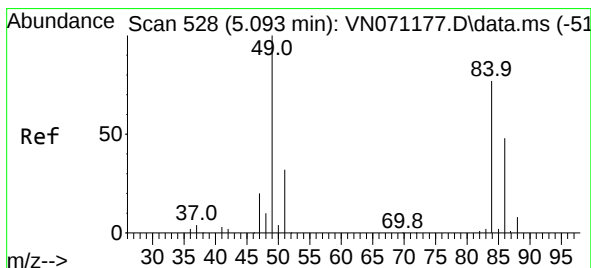
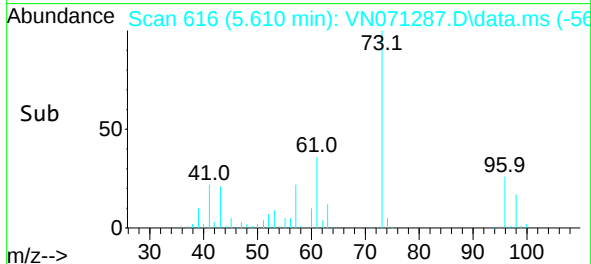
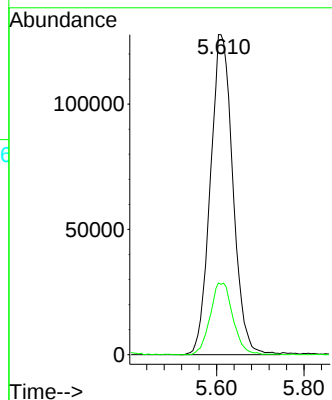
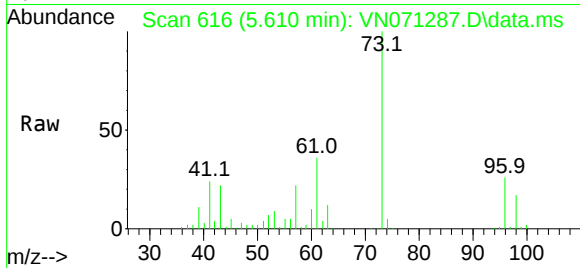




#19
Methyl tert-butyl Ether
Concen: 20.303 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

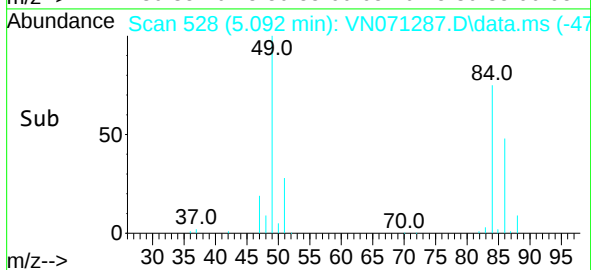
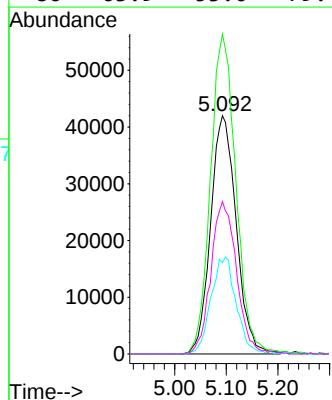
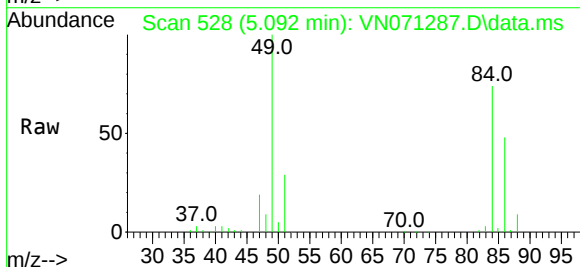
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

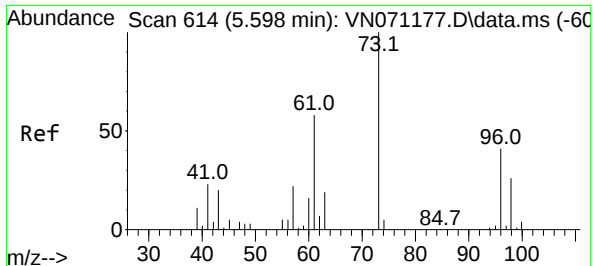
Tgt Ion: 73 Resp: 456687
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 20.078 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 84 Resp: 144561
Ion Ratio Lower Upper
84 100
49 134.3 93.5 140.3
51 38.4 29.4 44.2
86 63.9 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.998 ug/l

RT: 5.592 min Scan# 614

Delta R.T. -0.006 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

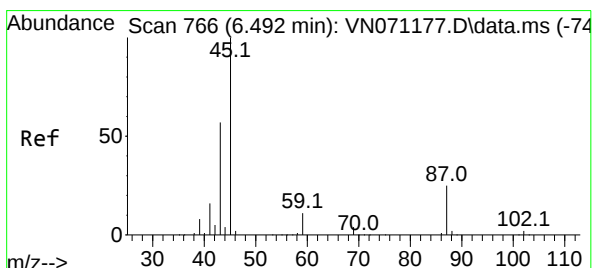
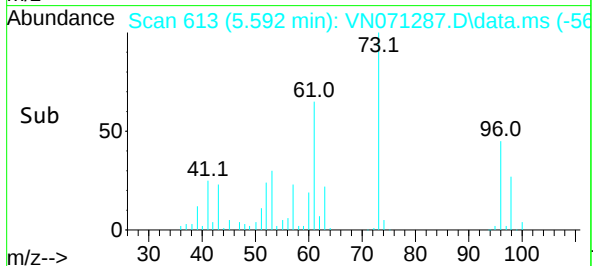
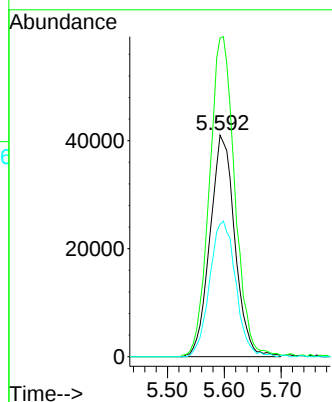
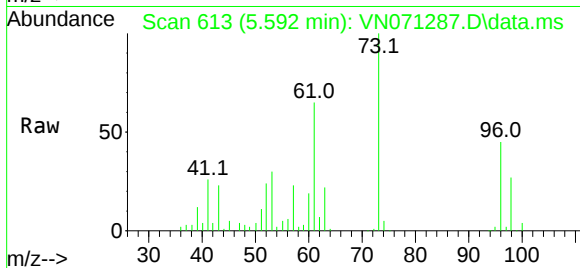
Tgt Ion: 96 Resp: 124500

Ion Ratio Lower Upper

96 100

61 144.0 105.8 158.6

98 59.8 52.0 78.0



#22

Diisopropyl ether

Concen: 19.976 ug/l

RT: 6.492 min Scan# 766

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Tgt Ion: 45 Resp: 512805

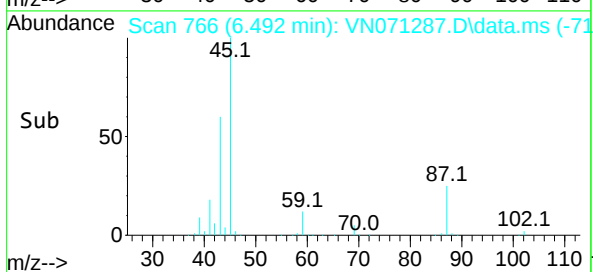
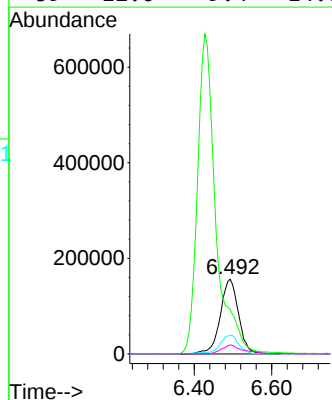
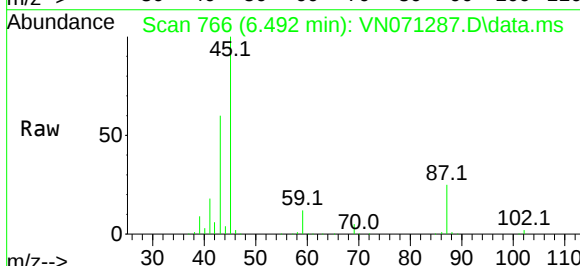
Ion Ratio Lower Upper

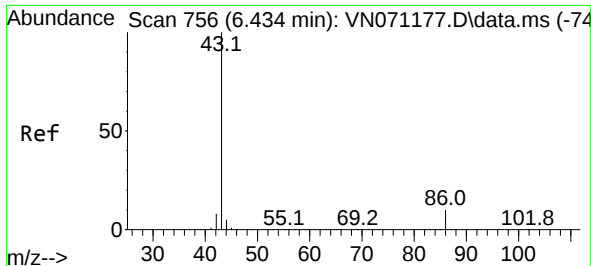
45 100

43 59.1 51.7 77.5

87 25.0 23.2 34.8

59 12.0 9.4 14.0

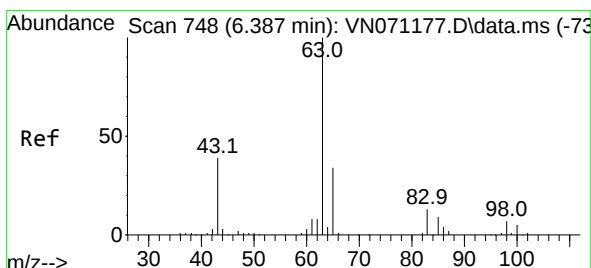
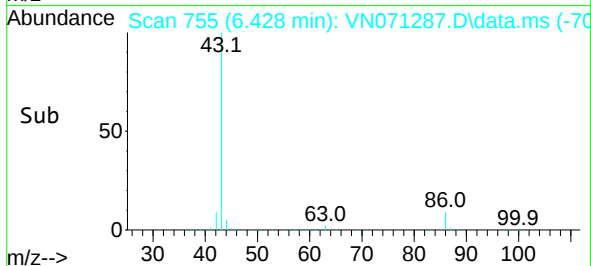
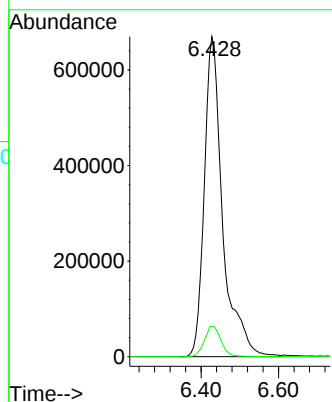
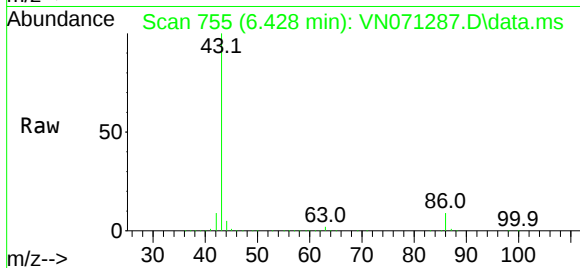




#23
 Vinyl Acetate
 Concen: 101.300 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071287.D
 Acq: 15 Mar 2022 13:05

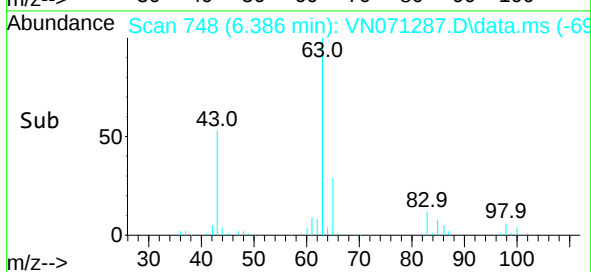
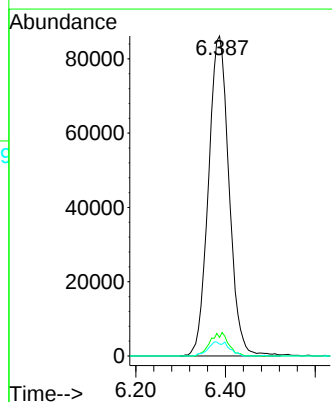
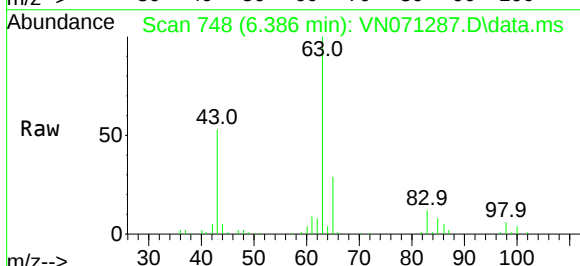
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01

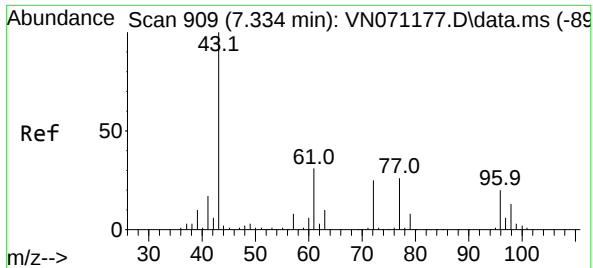
Tgt Ion: 43 Resp: 2201554
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.223 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071287.D
 Acq: 15 Mar 2022 13:05

Tgt Ion: 63 Resp: 274334
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.7 2.1 6.5

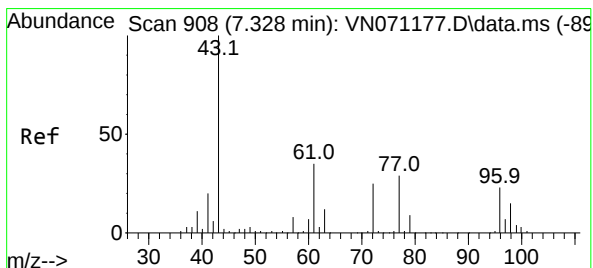
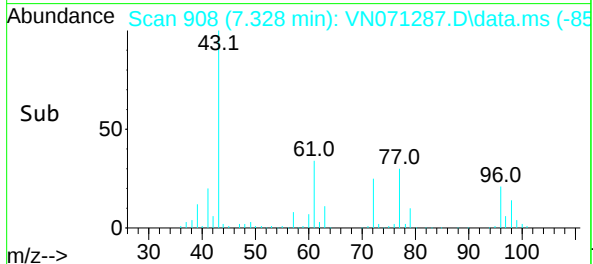
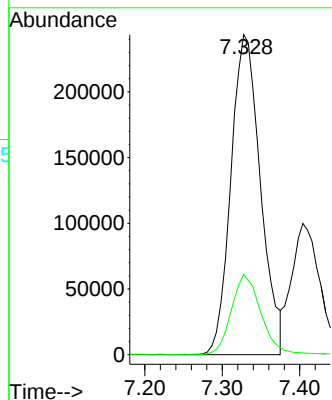
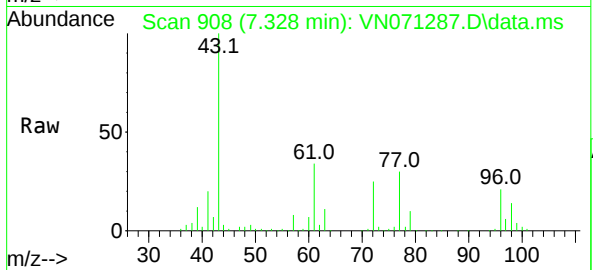




#25
2-Butanone
Concen: 100.763 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

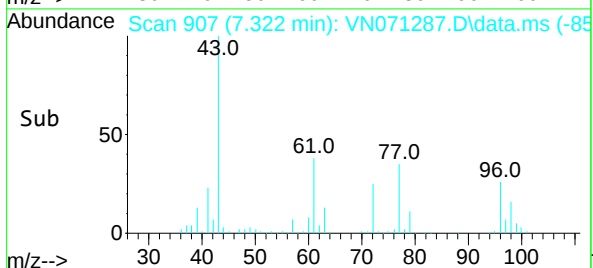
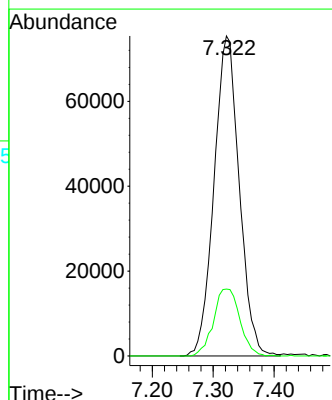
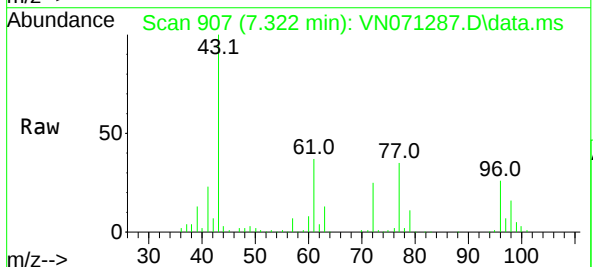
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

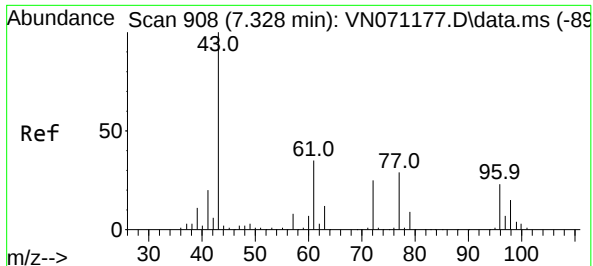
Tgt Ion: 43 Resp: 646862
Ion Ratio Lower Upper
43 100
72 25.1 21.7 32.5



#26
2,2-Dichloropropane
Concen: 20.710 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 77 Resp: 216733
Ion Ratio Lower Upper
77 100
97 21.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.745 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

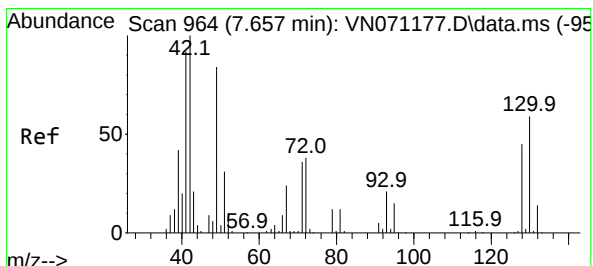
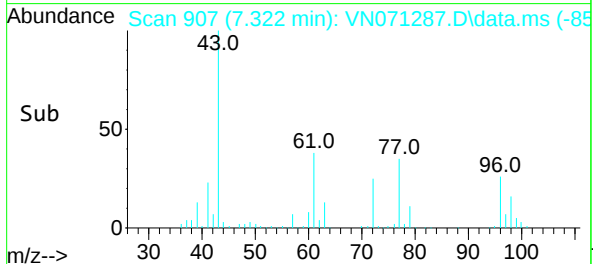
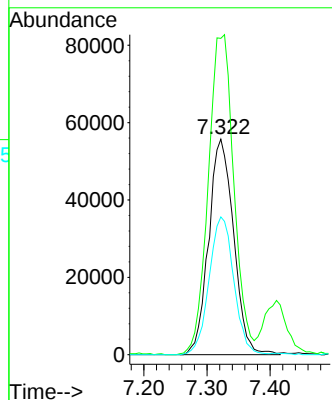
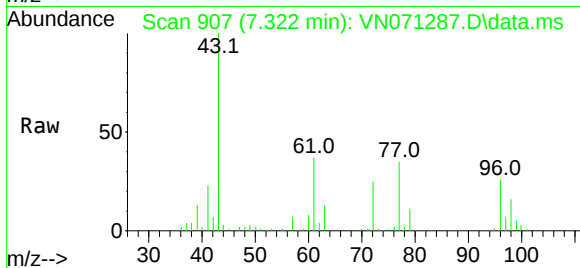
Tgt Ion: 96 Resp: 153567

Ion Ratio Lower Upper

96 100

61 152.0 0.0 275.0

98 63.1 0.0 129.6



#28

Bromochloromethane

Concen: 20.158 ug/l

RT: 7.657 min Scan# 964

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

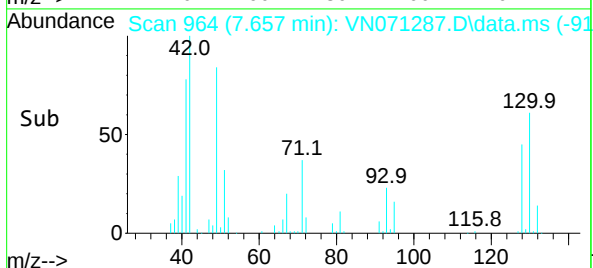
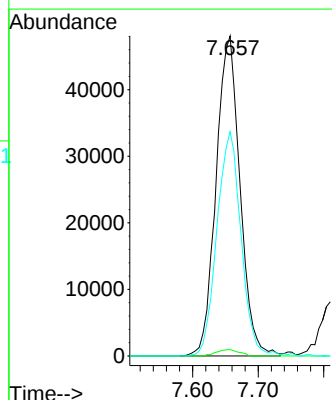
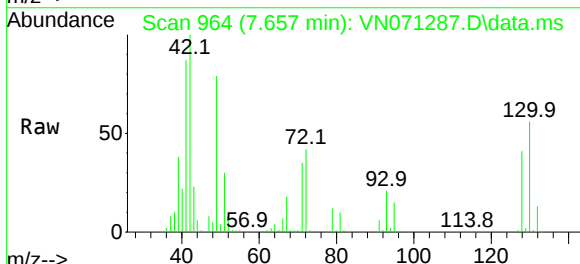
Tgt Ion: 49 Resp: 121771

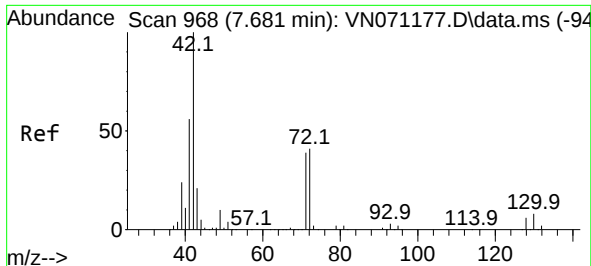
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 70.7 67.8 101.8





#29

Tetrahydrofuran

Concen: 100.119 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

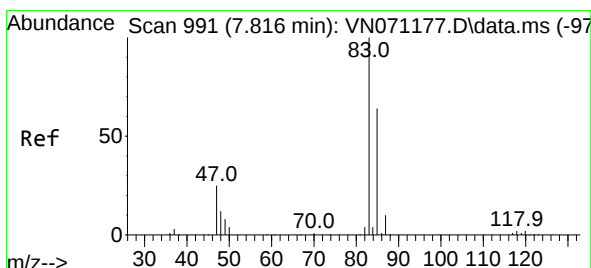
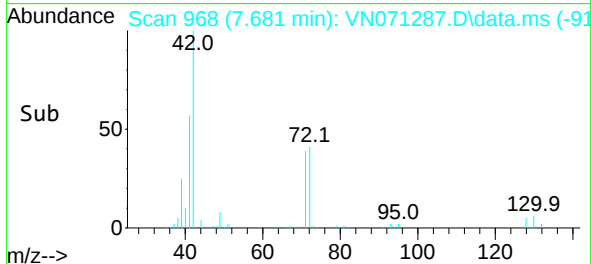
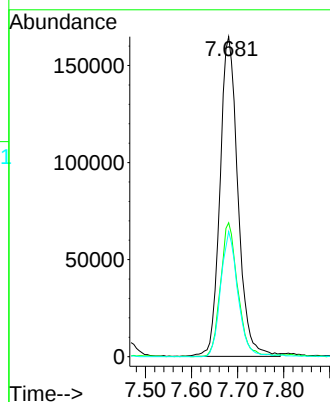
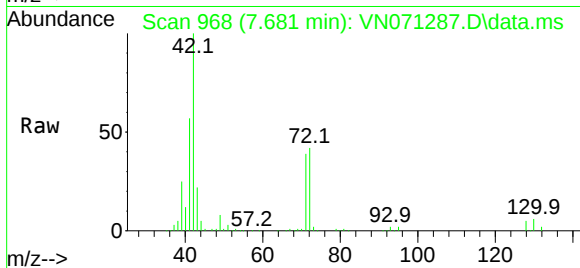
Tgt Ion: 42 Resp: 445264

Ion Ratio Lower Upper

42 100

72 40.3 36.3 54.5

71 37.7 34.7 52.1



#30

Chloroform

Concen: 20.116 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN071287.D

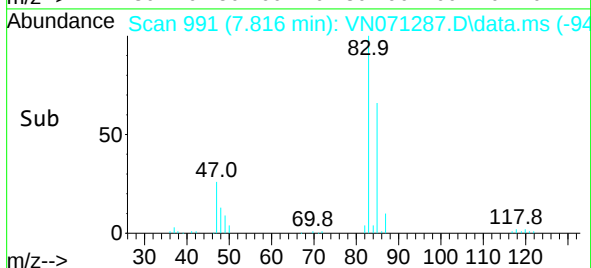
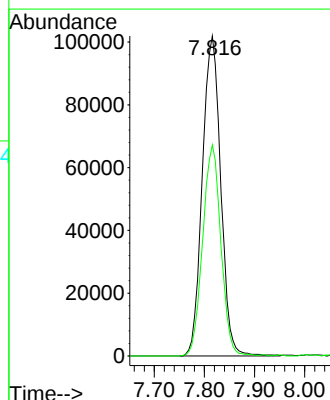
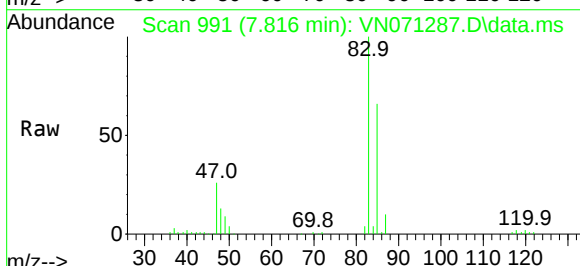
Acq: 15 Mar 2022 13:05

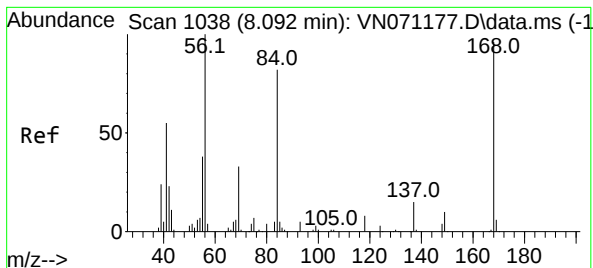
Tgt Ion: 83 Resp: 260267

Ion Ratio Lower Upper

83 100

85 65.9 51.9 77.9





#31

Cyclohexane

Concen: 18.918 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

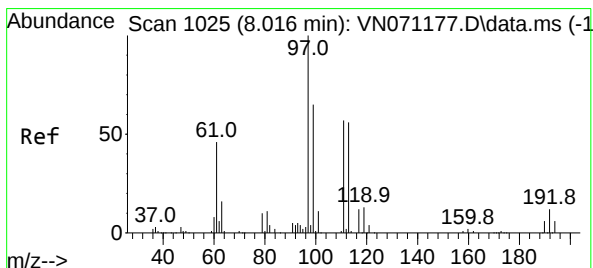
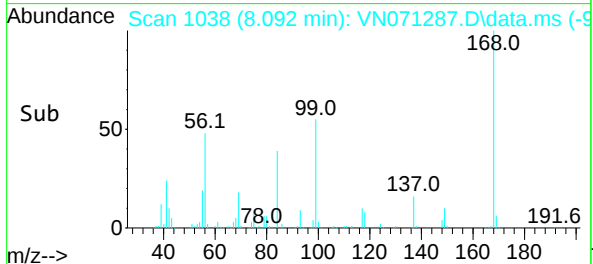
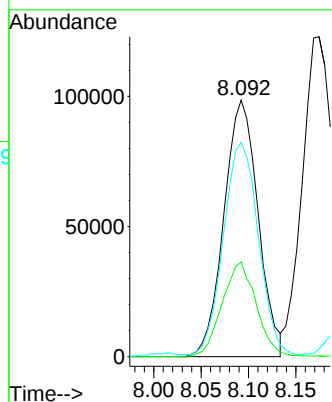
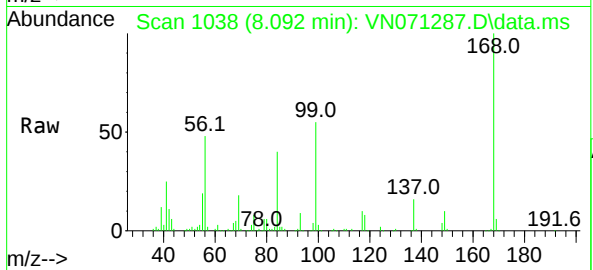
MSVOA_N

ClientSampleId :

VN0315WBS01

Tgt Ion: 56 Resp: 247437

Ion	Ratio	Lower	Upper
56	100		
69	37.0	27.1	40.7
84	82.4	73.4	110.0



#32

1,1,1-Trichloroethane

Concen: 20.394 ug/l

RT: 8.010 min Scan# 1024

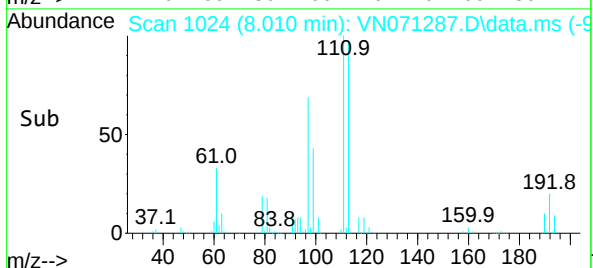
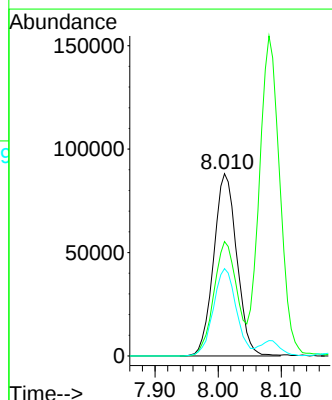
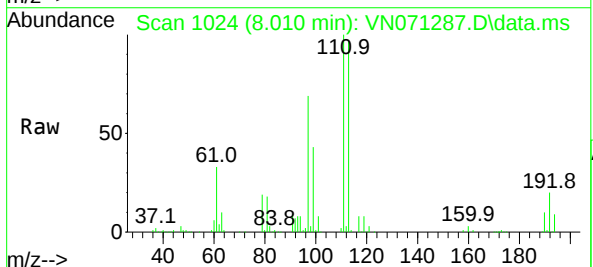
Delta R.T. -0.006 min

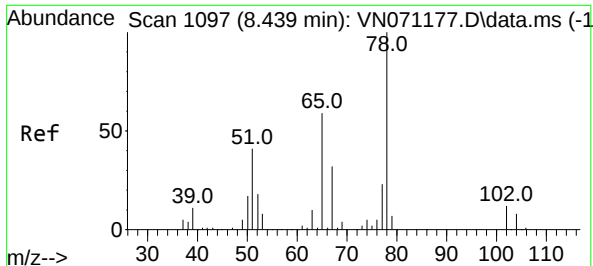
Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Tgt Ion: 97 Resp: 224755

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.1	75.1
61	47.8	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 55.017 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

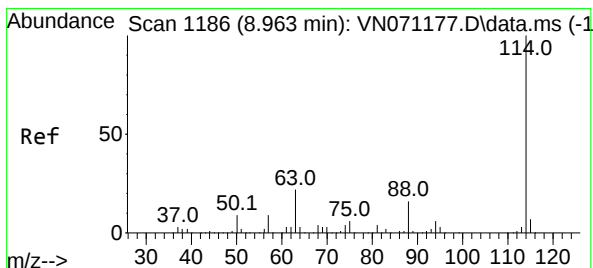
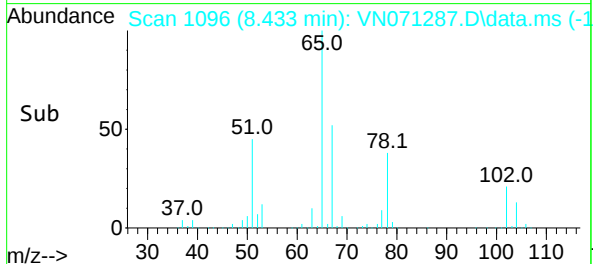
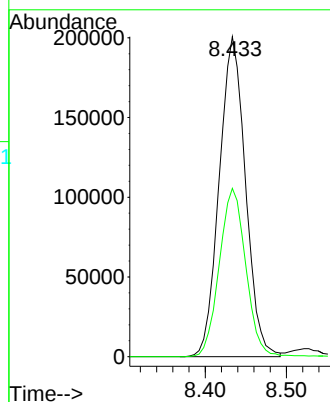
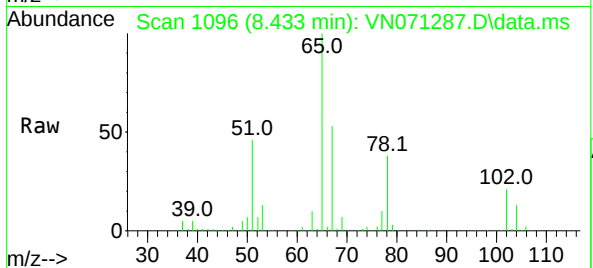
VN0315WBS01

Tgt Ion: 65 Resp: 450608

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

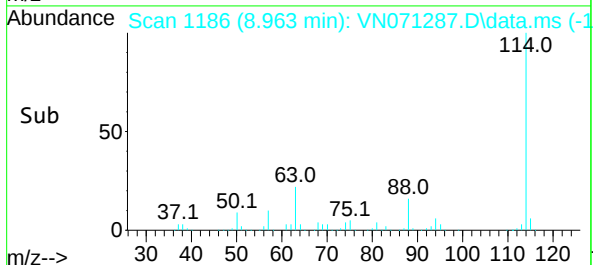
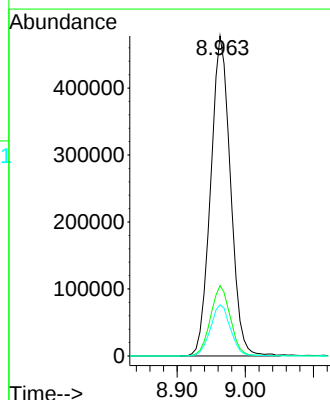
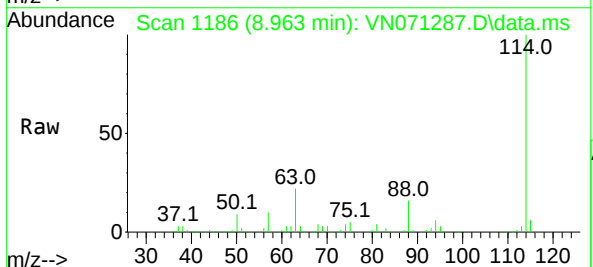
Tgt Ion: 114 Resp: 965287

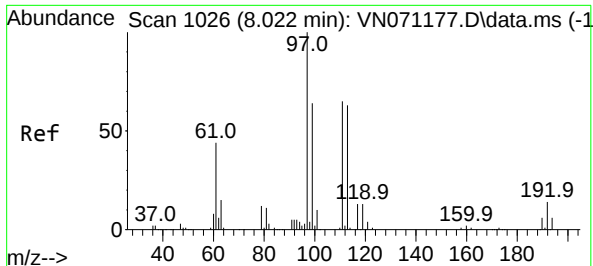
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 16.0 0.0 27.4





#35

Dibromofluoromethane

Concen: 56.945 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

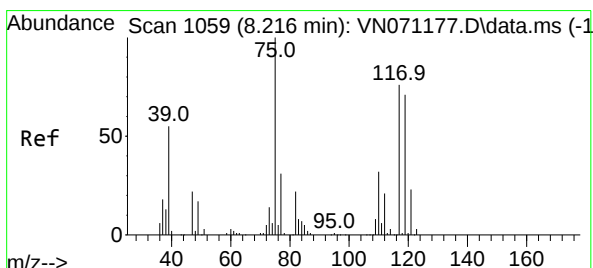
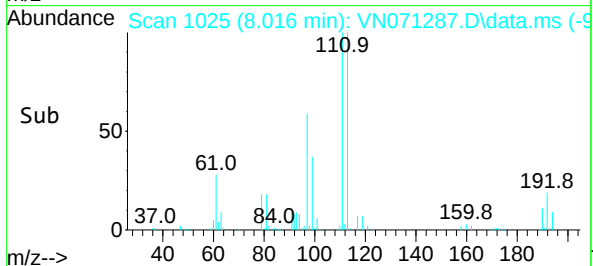
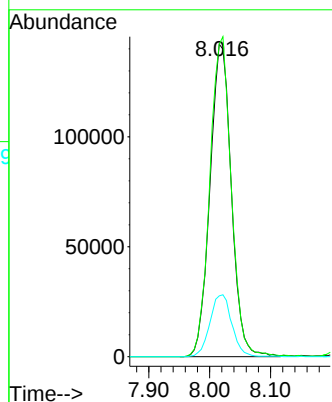
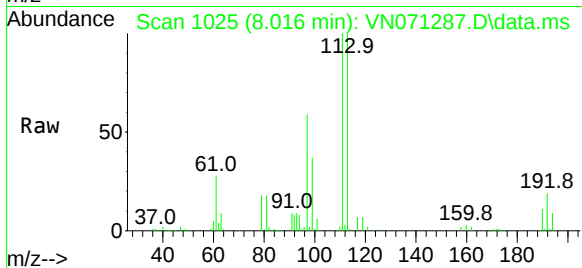
Tgt Ion:113 Resp: 346871

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 20.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 19.179 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

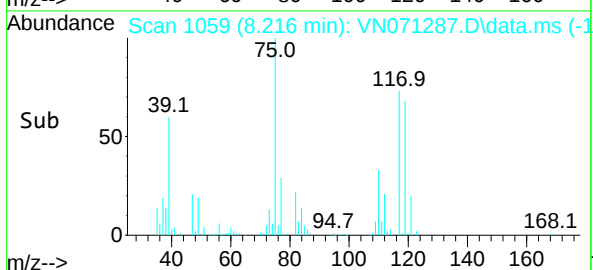
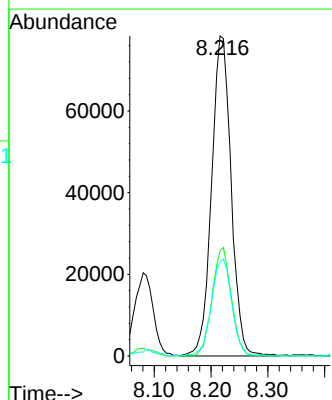
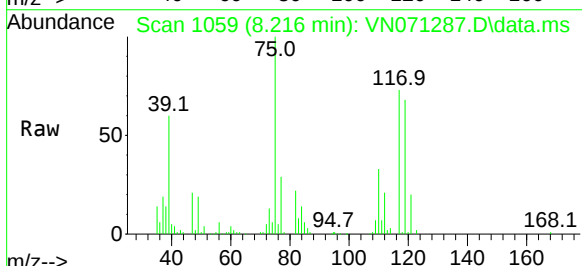
Tgt Ion: 75 Resp: 187176

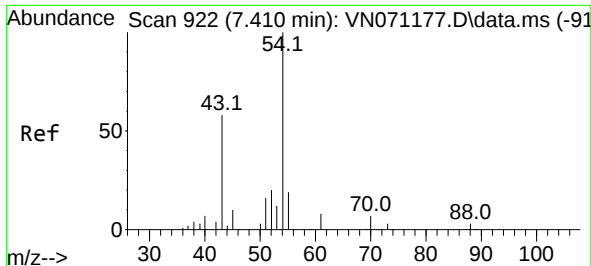
Ion Ratio Lower Upper

75 100

110 33.1 18.4 55.2

77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 19.111 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

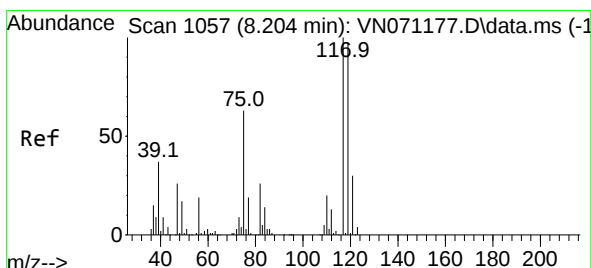
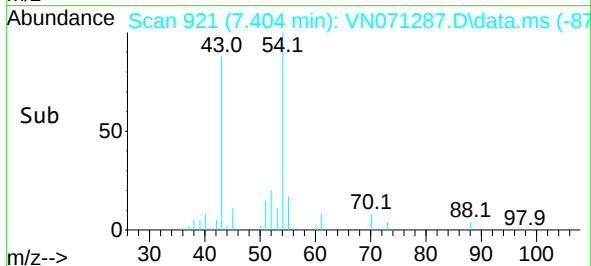
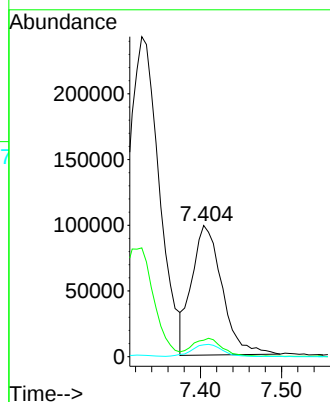
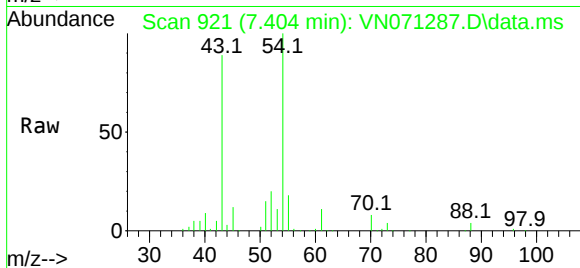
Tgt Ion: 43 Resp: 256687

Ion Ratio Lower Upper

43 100

61 13.5 11.5 17.3

70 9.2 7.9 11.9



#38

Carbon Tetrachloride

Concen: 20.167 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

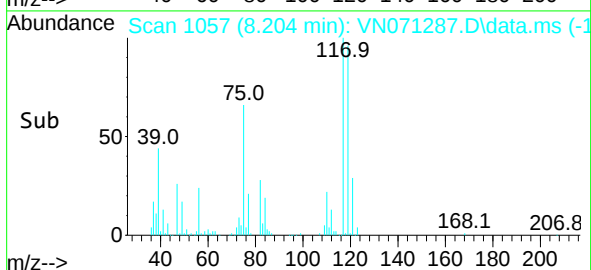
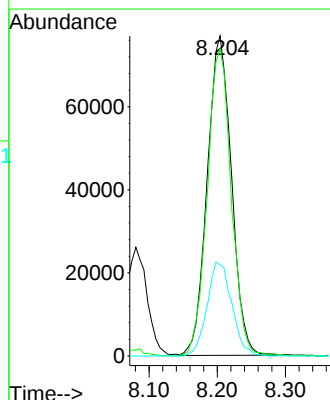
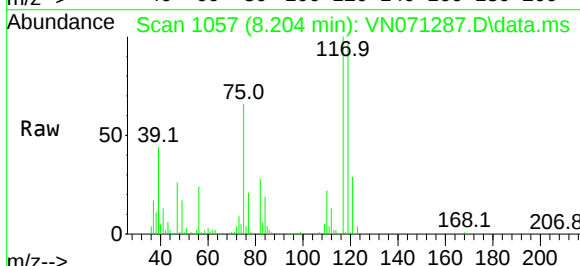
Tgt Ion: 117 Resp: 190373

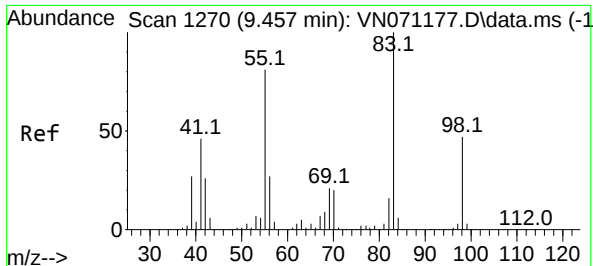
Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1

121 28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 19.267 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

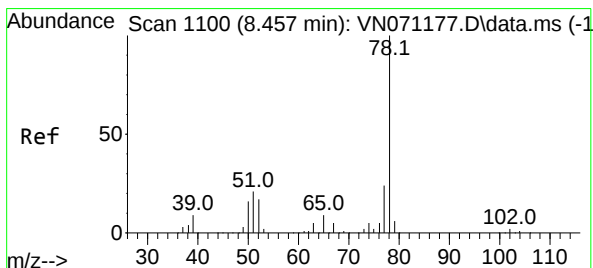
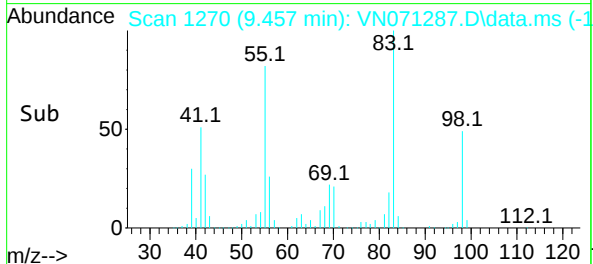
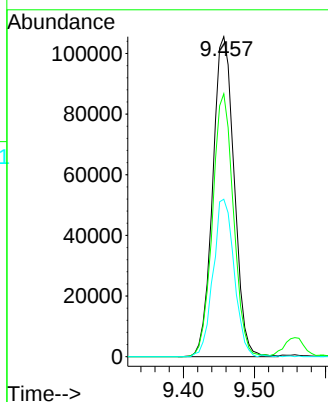
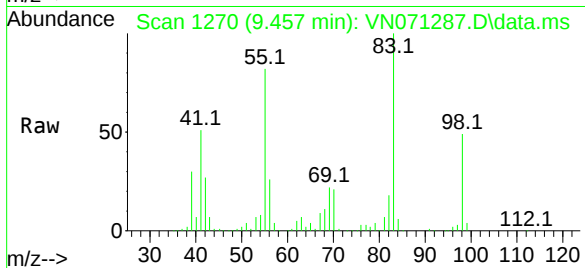
Tgt Ion: 83 Resp: 221207

Ion Ratio Lower Upper

83 100

55 82.2 58.1 87.1

98 49.2 38.4 57.6



#40

Benzene

Concen: 19.953 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071287.D

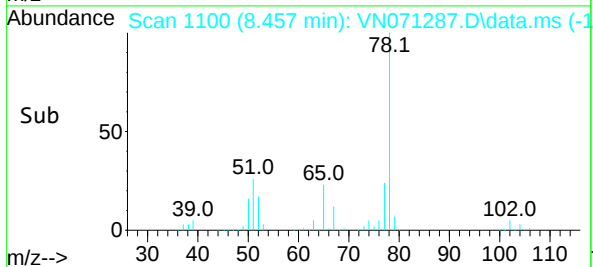
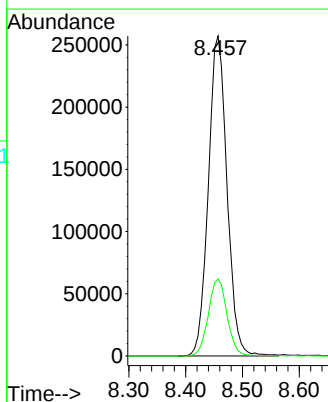
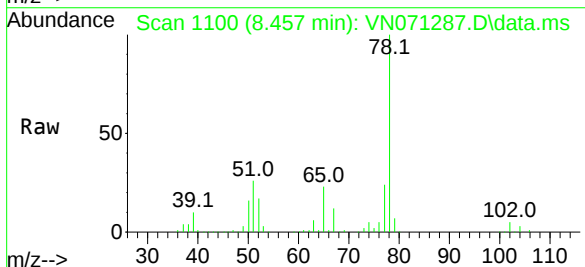
Acq: 15 Mar 2022 13:05

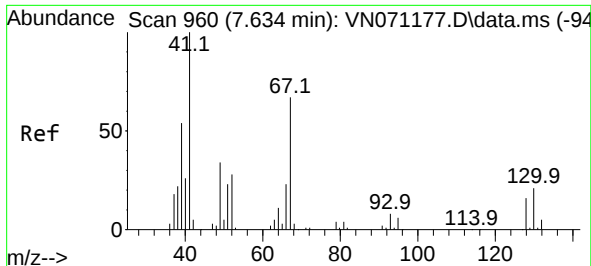
Tgt Ion: 78 Resp: 586724

Ion Ratio Lower Upper

78 100

77 24.0 18.6 27.8

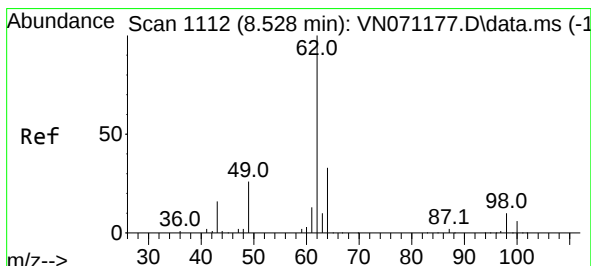
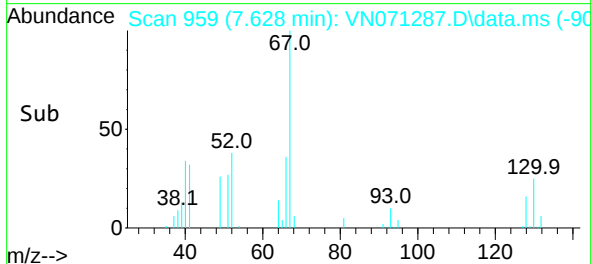
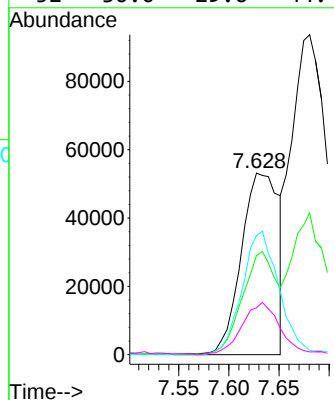
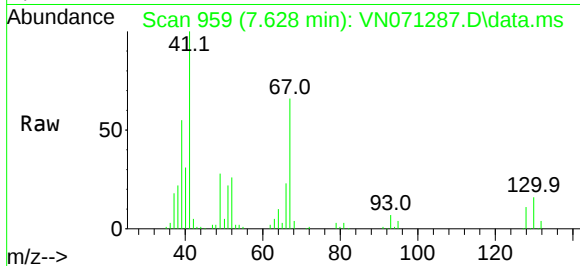




#41
Methacrylonitrile
Concen: 20.973 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

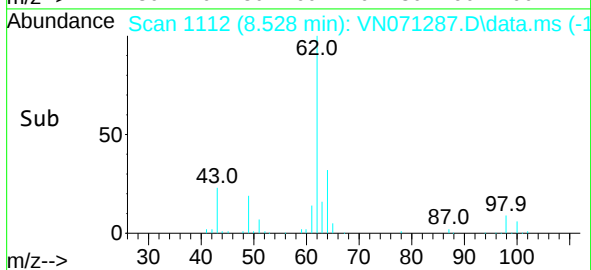
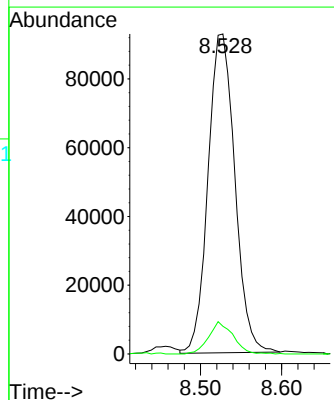
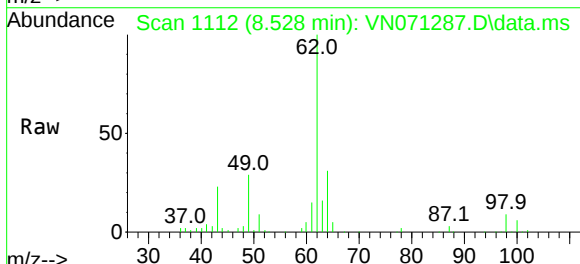
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

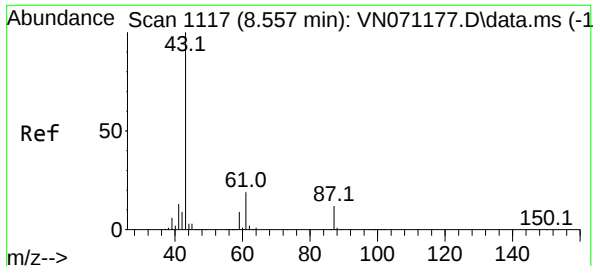
Tgt Ion: 41 Resp: 137861
Ion Ratio Lower Upper
41 100
39 51.5 48.1 72.1
67 67.8 68.3 102.5#
52 30.0 29.6 44.4



#42
1,2-Dichloroethane
Concen: 20.813 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 62 Resp: 212970
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6

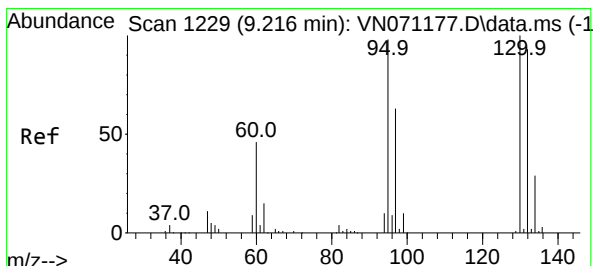
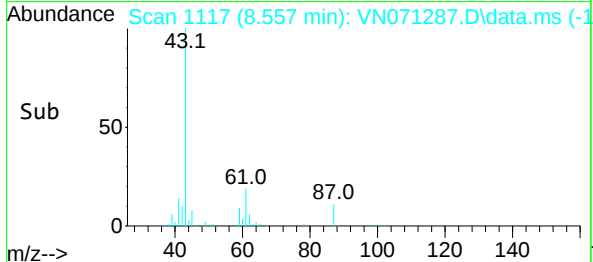
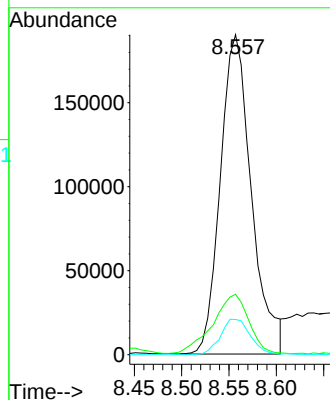
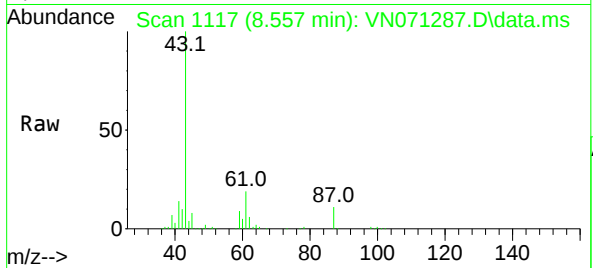




#43
Isopropyl Acetate
Concen: 21.626 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

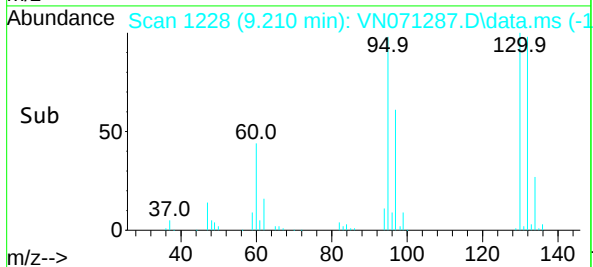
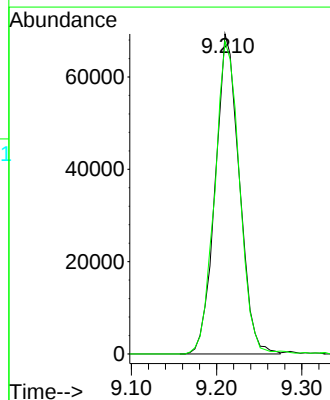
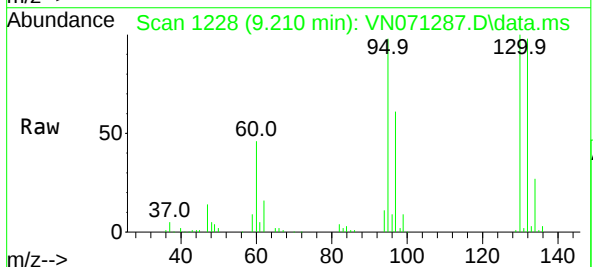
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

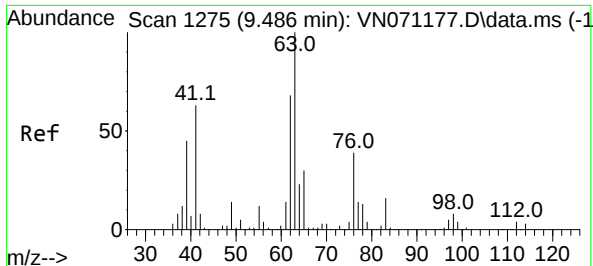
Tgt Ion: 43 Resp: 434367
Ion Ratio Lower Upper
43 100
61 21.9 20.4 30.6
87 10.8 11.2 16.8#



#44
Trichloroethene
Concen: 19.618 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion:130 Resp: 136111
Ion Ratio Lower Upper
130 100
95 97.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.305 ug/l

RT: 9.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

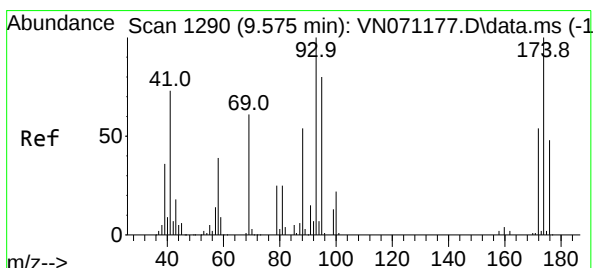
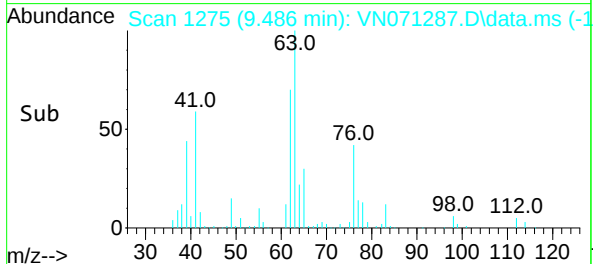
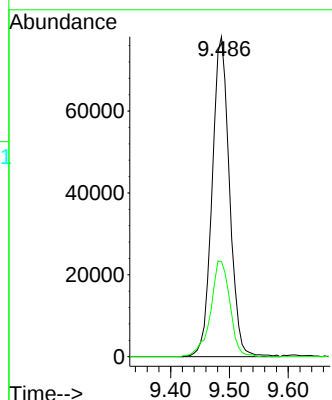
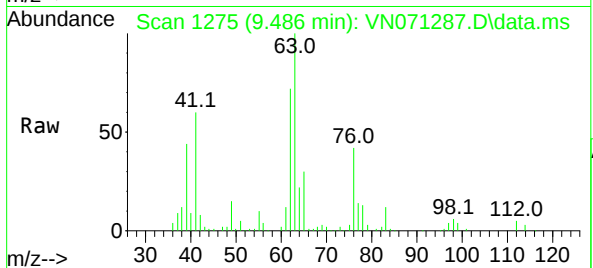
VN0315WBS01

Tgt Ion: 63 Resp: 160279

Ion Ratio Lower Upper

63 100

65 29.7 24.7 37.1



#46

Dibromomethane

Concen: 20.352 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

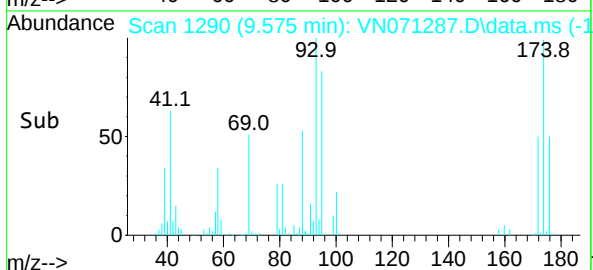
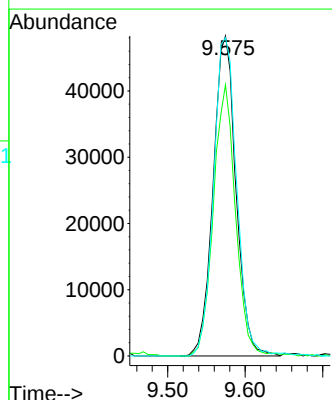
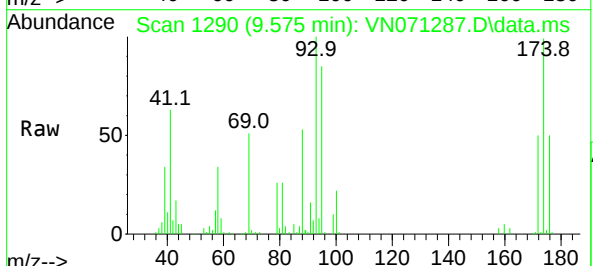
Tgt Ion: 93 Resp: 98876

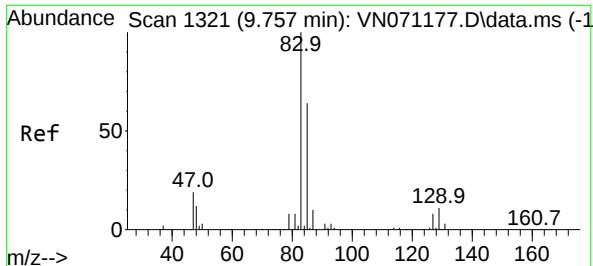
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 101.1 84.6 127.0

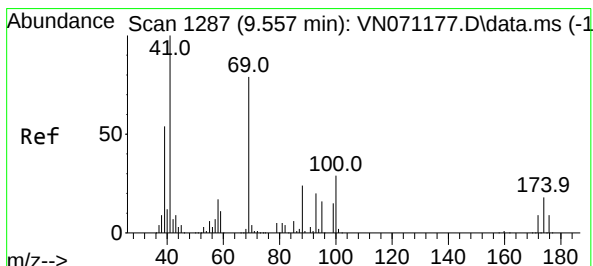
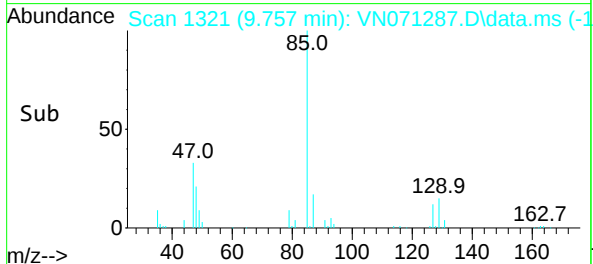
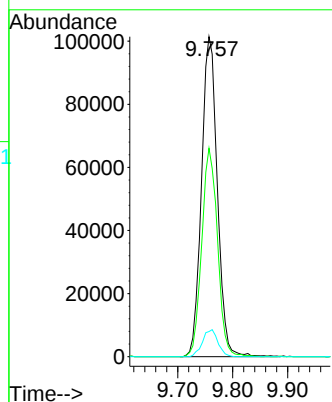
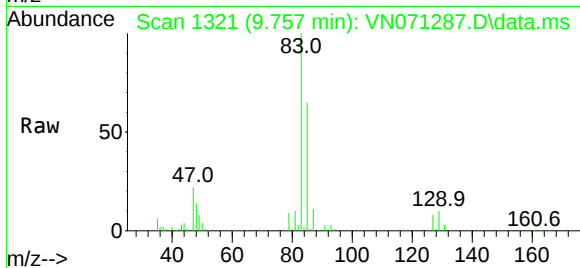




#47
Bromodichloromethane
Concen: 20.691 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

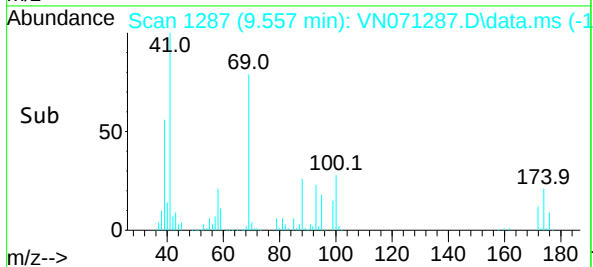
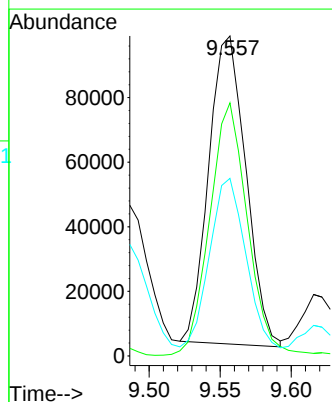
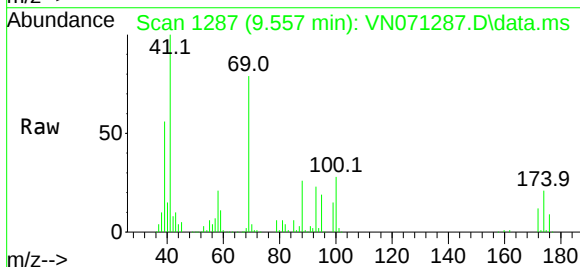
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

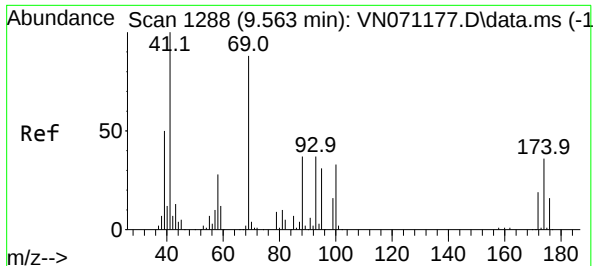
Tgt Ion: 83 Resp: 203148
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 18.657 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 41 Resp: 173666
Ion Ratio Lower Upper
41 100
69 84.2 72.4 108.6
39 58.7 58.4 87.6





#49

1,4-Dioxane

Concen: 417.689 ug/l

RT: 9.563 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

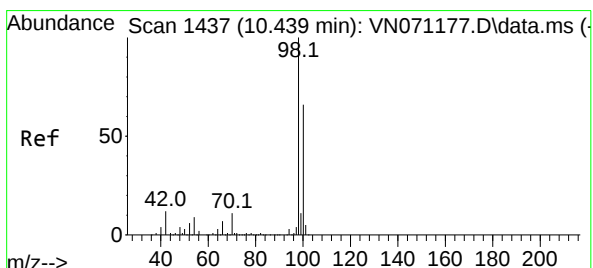
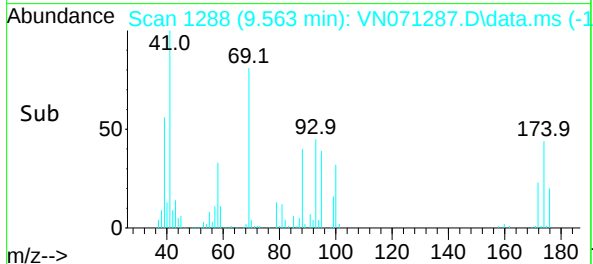
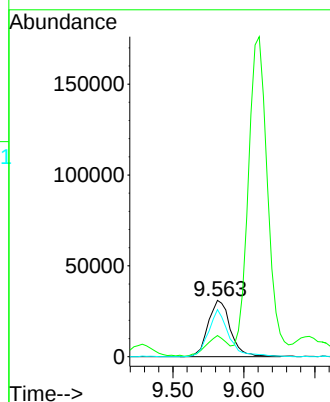
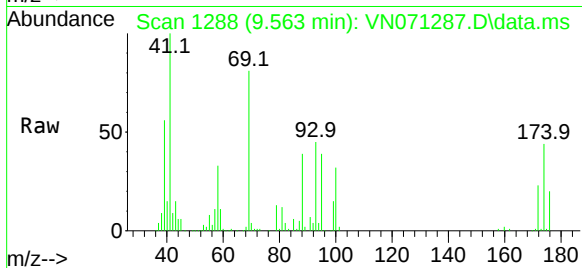
Tgt Ion: 88 Resp: 67580

Ion Ratio Lower Upper

88 100

43 32.9 23.4 35.2

58 76.8 50.6 75.8#



#50

Toluene-d8

Concen: 56.059 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071287.D

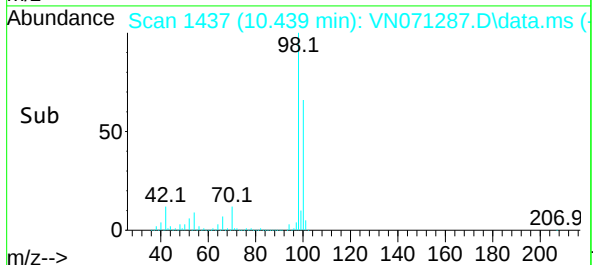
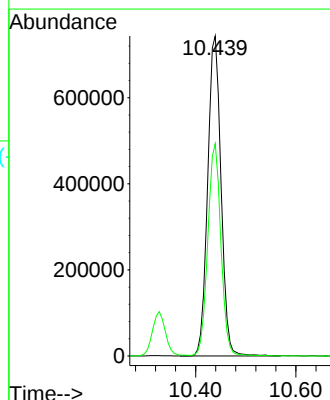
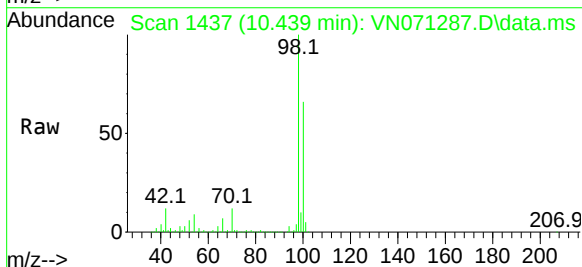
Acq: 15 Mar 2022 13:05

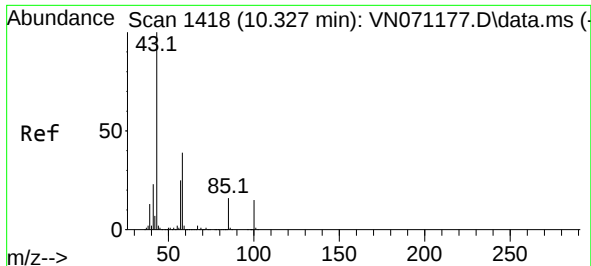
Tgt Ion: 98 Resp: 1374858

Ion Ratio Lower Upper

98 100

100 65.2 50.4 75.6

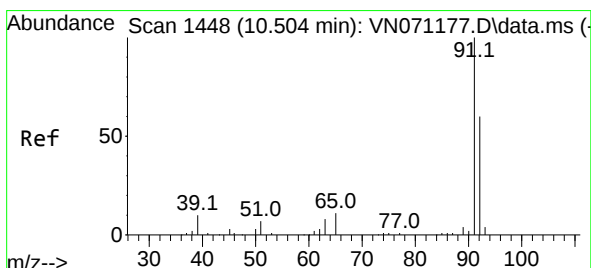
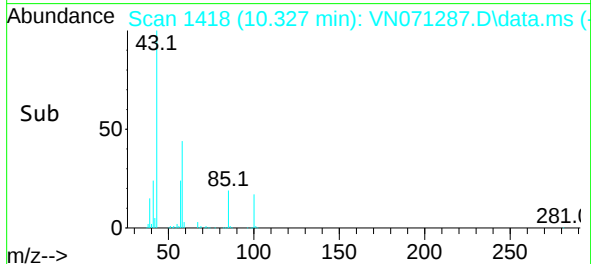
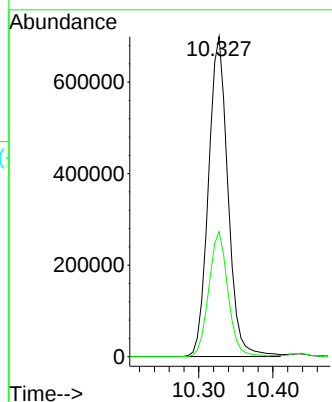
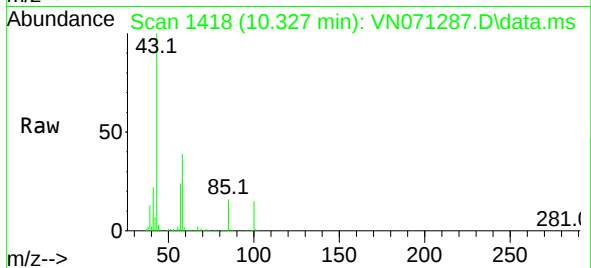




#51
4-Methyl-2-Pentanone
Concen: 102.525 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

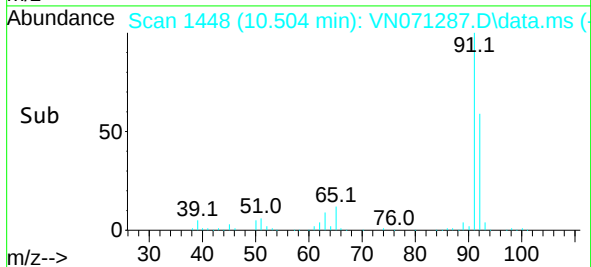
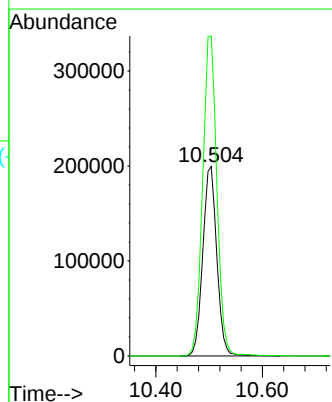
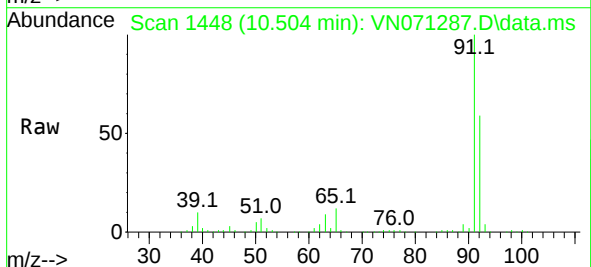
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

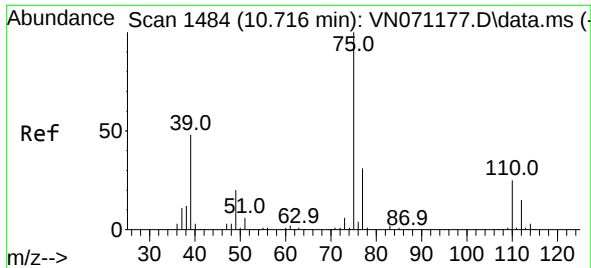
Tgt Ion: 43 Resp: 1278010
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6



#52
Toluene
Concen: 20.046 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 92 Resp: 362964
Ion Ratio Lower Upper
92 100
91 171.8 142.0 213.0

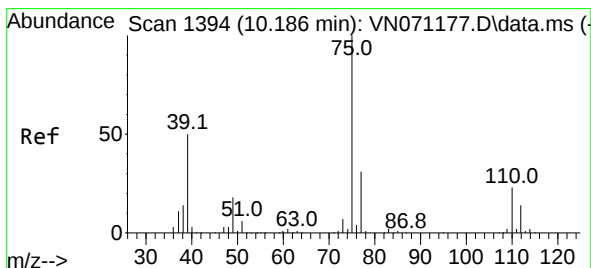
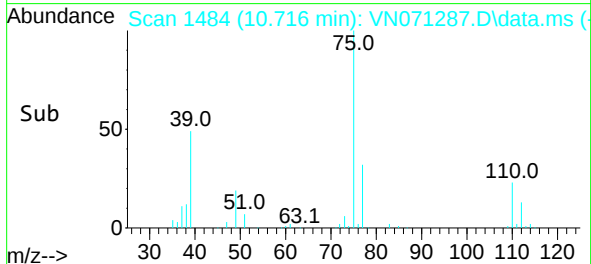
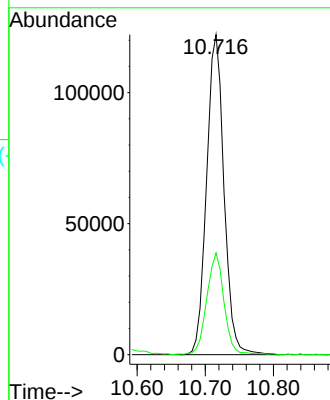
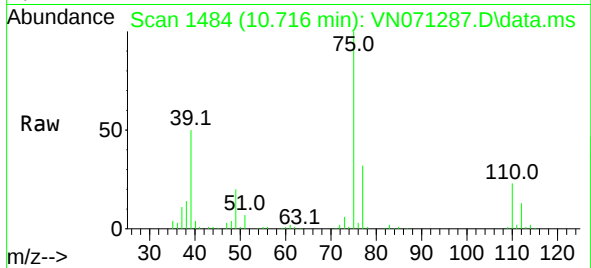




#53
 t-1,3-Dichloropropene
 Concen: 20.040 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN071287.D
 Acq: 15 Mar 2022 13:05

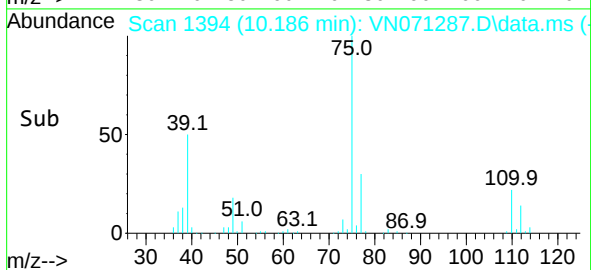
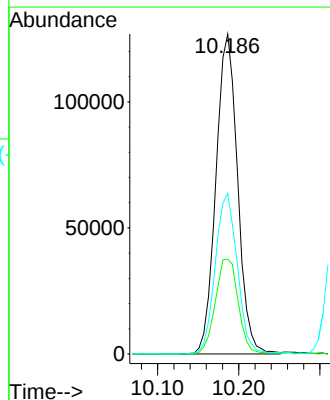
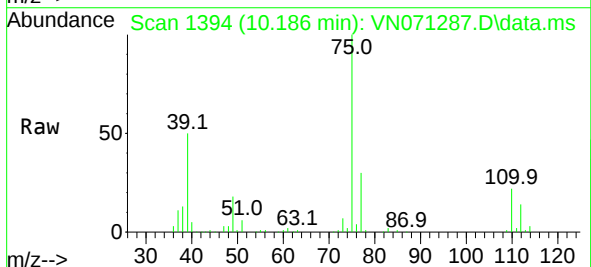
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01

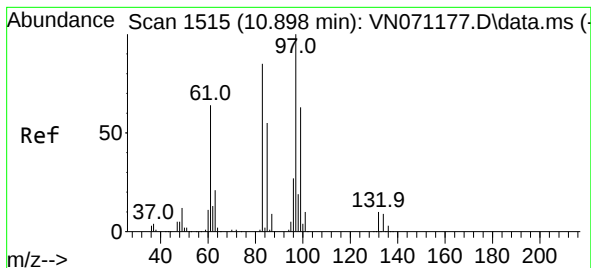
Tgt Ion: 75 Resp: 216897
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.942 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071287.D
 Acq: 15 Mar 2022 13:05

Tgt Ion: 75 Resp: 235826
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.4 39.6
 39 50.2 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 20.097 ug/l

RT: 10.892 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

Tgt Ion: 97 Resp: 145816

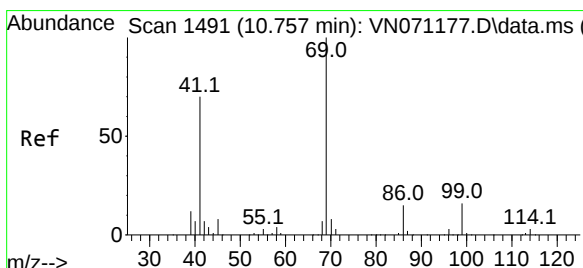
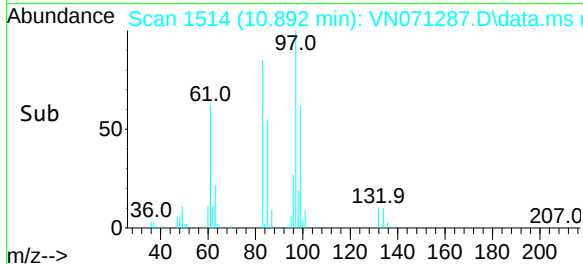
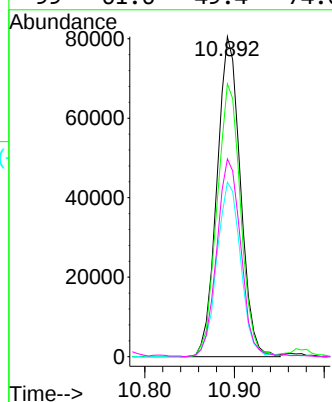
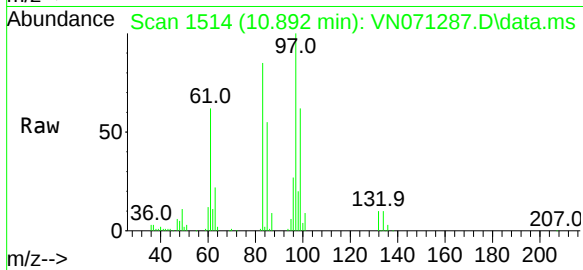
Ion Ratio Lower Upper

97 100

83 85.3 67.8 101.6

85 54.6 45.4 68.2

99 61.6 49.4 74.0



#56

Ethyl methacrylate

Concen: 19.417 ug/l

RT: 10.757 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

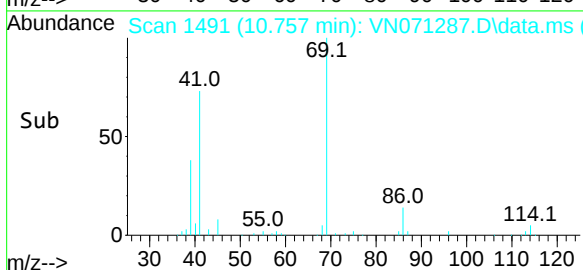
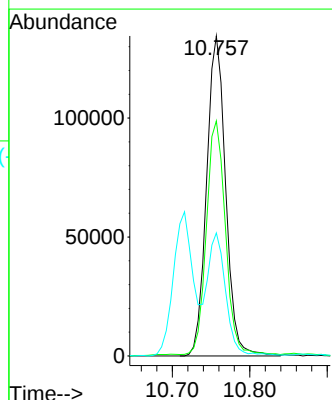
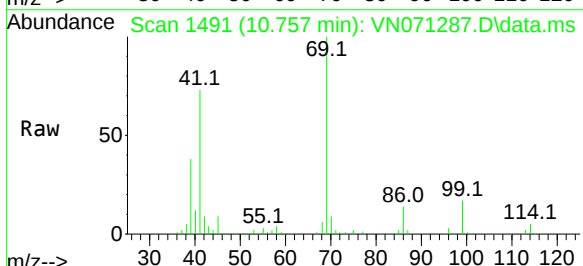
Tgt Ion: 69 Resp: 230077

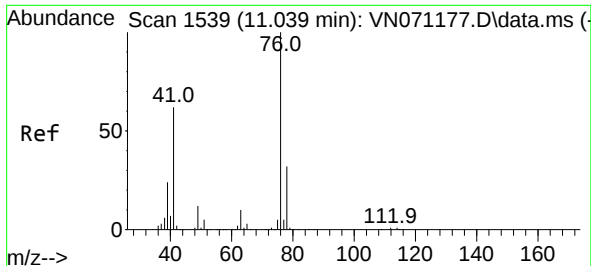
Ion Ratio Lower Upper

69 100

41 72.6 51.4 77.0

39 39.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.945 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

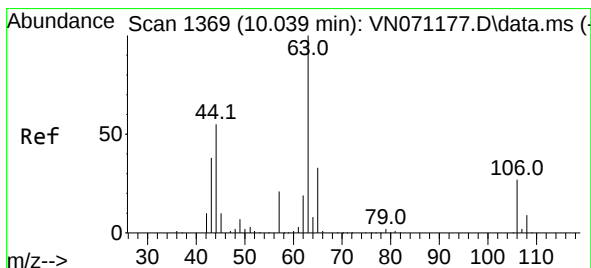
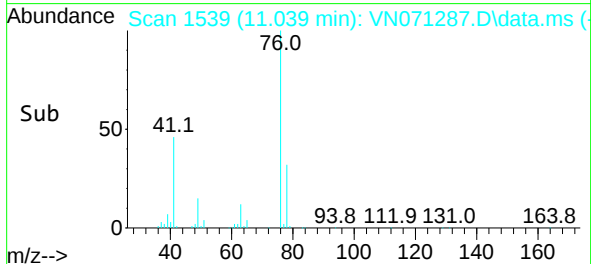
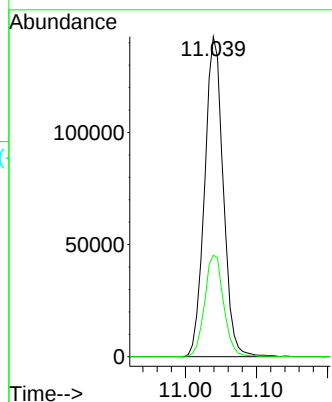
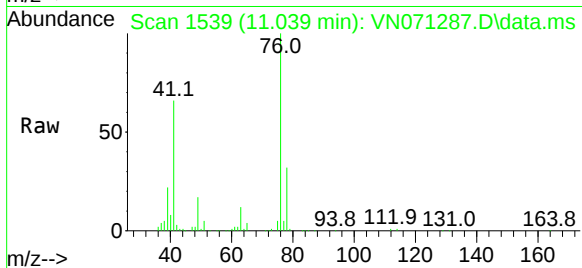
VN0315WBS01

Tgt Ion: 76 Resp: 259757

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 134.888 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN071287.D

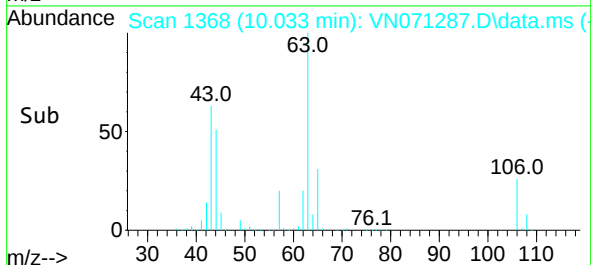
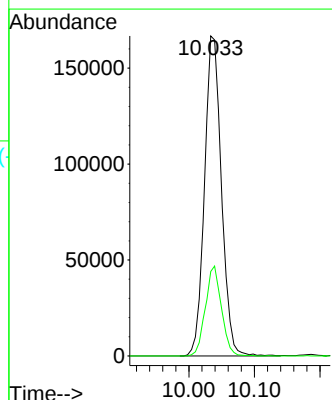
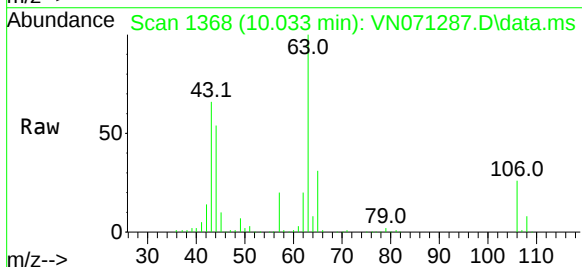
Acq: 15 Mar 2022 13:05

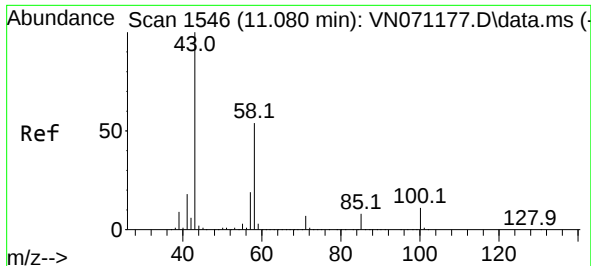
Tgt Ion: 63 Resp: 299844

Ion Ratio Lower Upper

63 100

106 26.6 23.9 35.9

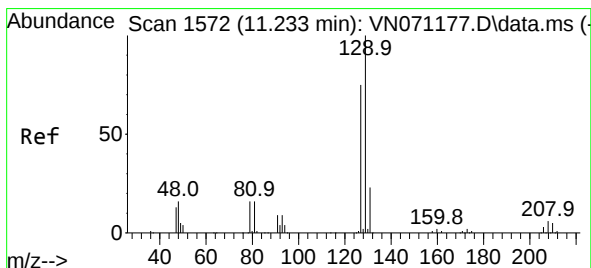
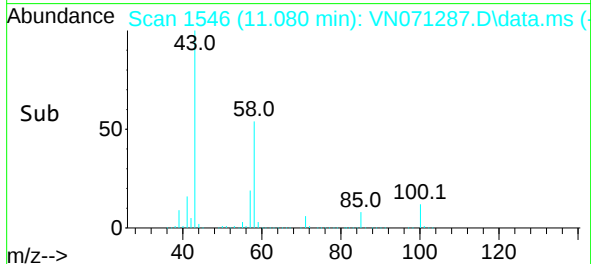
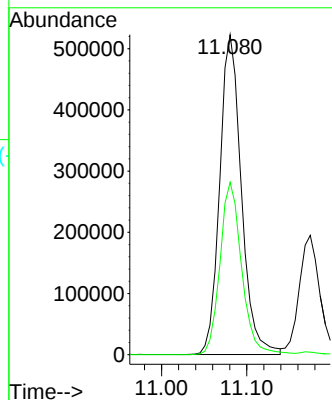
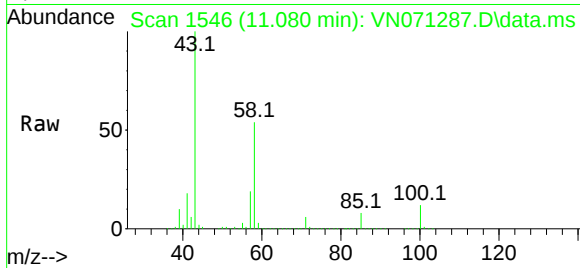




#59
2-Hexanone
Concen: 108.568 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

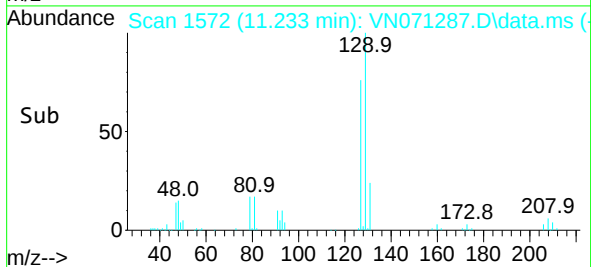
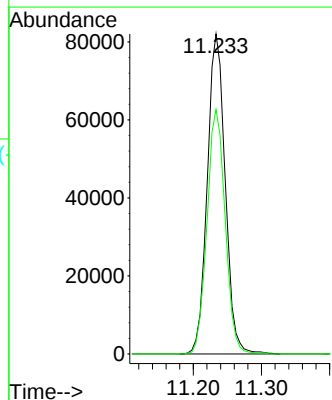
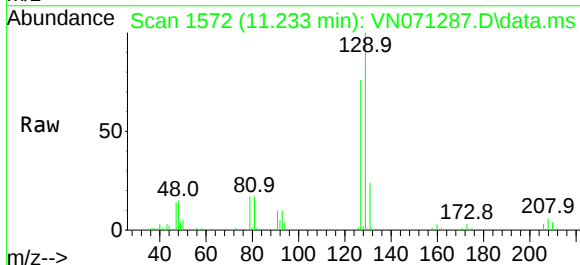
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

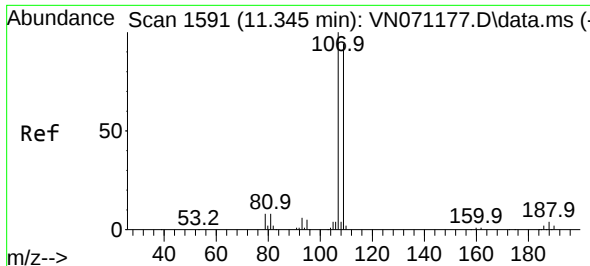
Tgt Ion: 43 Resp: 923395
Ion Ratio Lower Upper
43 100
58 53.8 26.9 80.7



#60
Dibromochloromethane
Concen: 20.822 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 129 Resp: 150113
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0

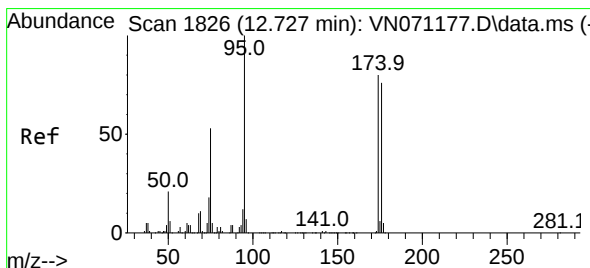
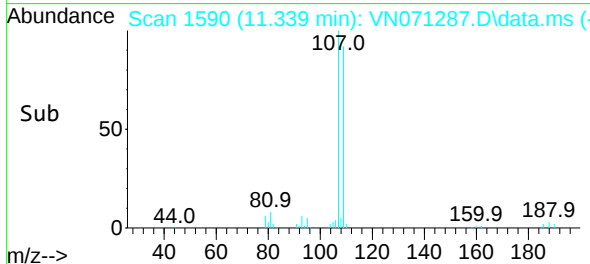
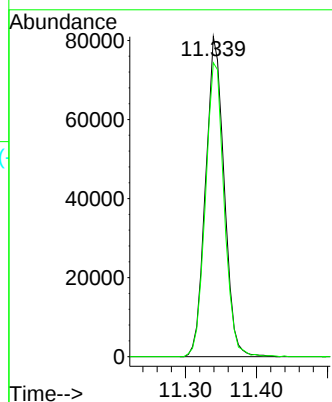
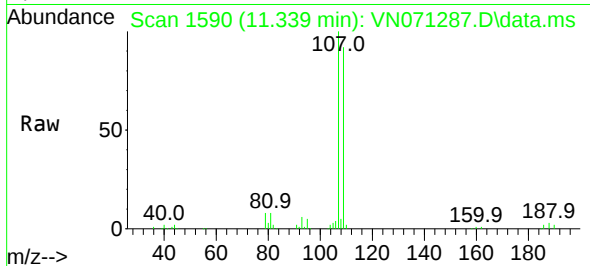




#61
1,2-Dibromoethane
Concen: 19.802 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

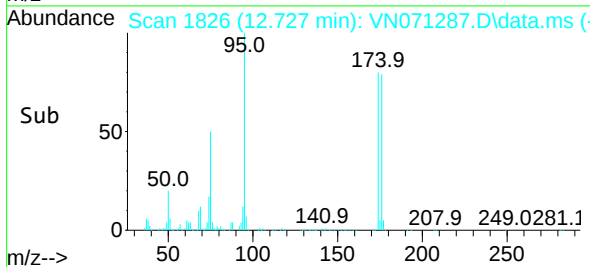
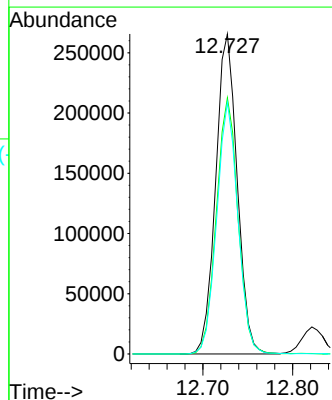
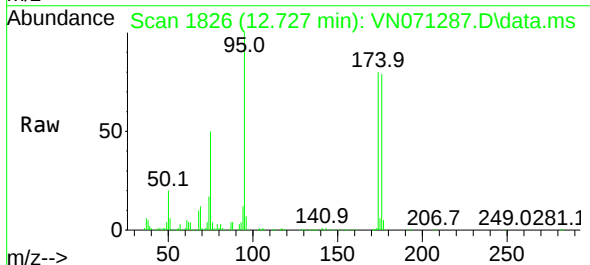
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

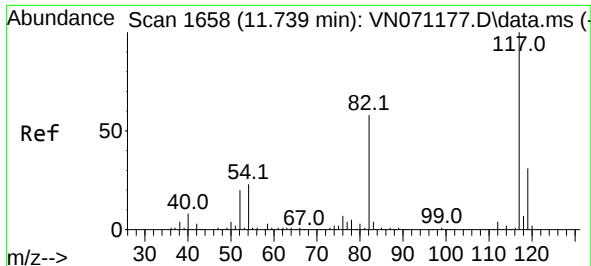
Tgt Ion:107 Resp: 146846
Ion Ratio Lower Upper
107 100
109 92.8 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 53.234 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 95 Resp: 442099
Ion Ratio Lower Upper
95 100
174 80.3 0.0 187.2
176 77.3 0.0 181.4

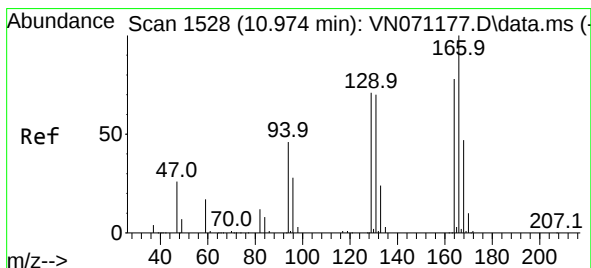
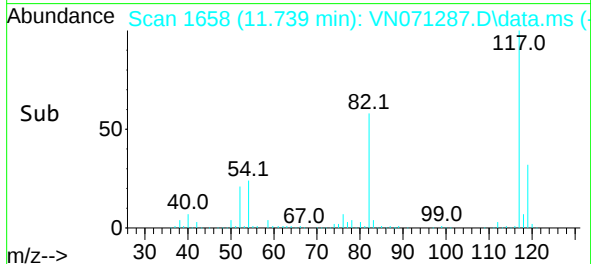
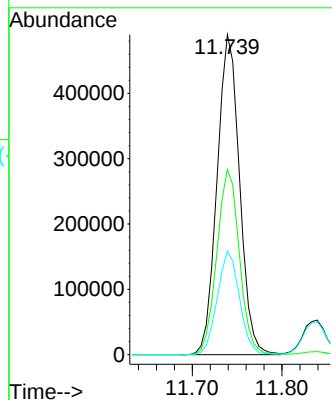
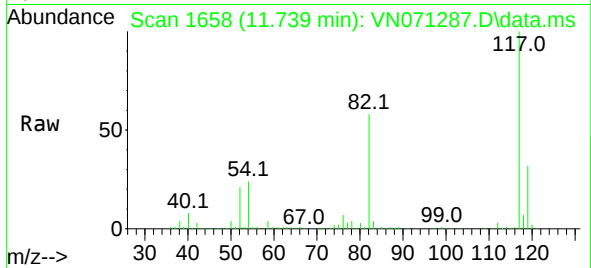




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

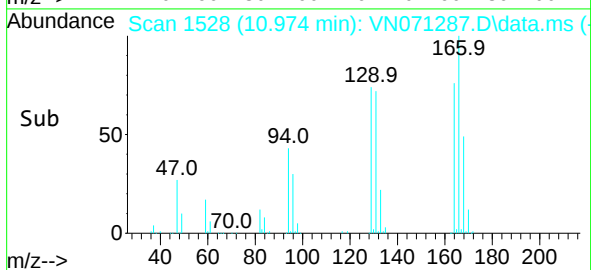
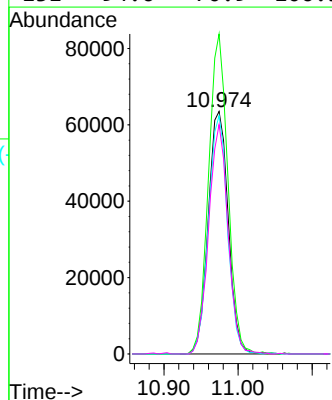
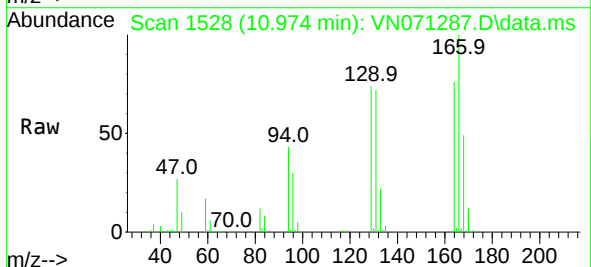
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

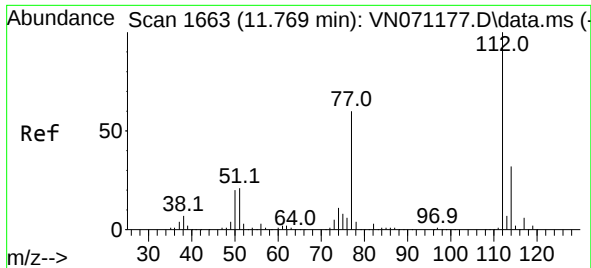
Tgt Ion:117 Resp: 853341
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 20.036 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion:164 Resp: 119247
Ion Ratio Lower Upper
164 100
166 131.9 101.9 152.9
129 98.2 72.0 108.0
131 94.6 70.9 106.3

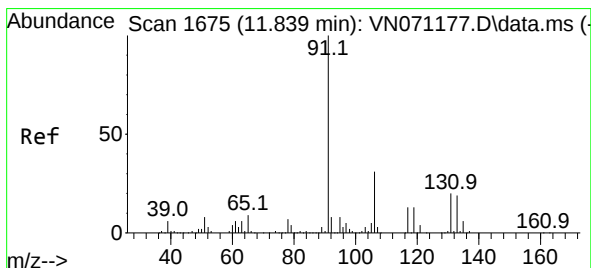
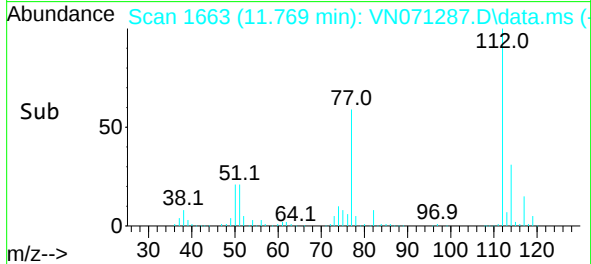
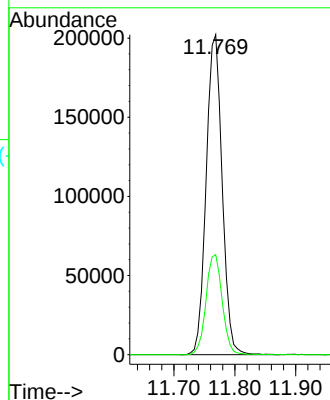
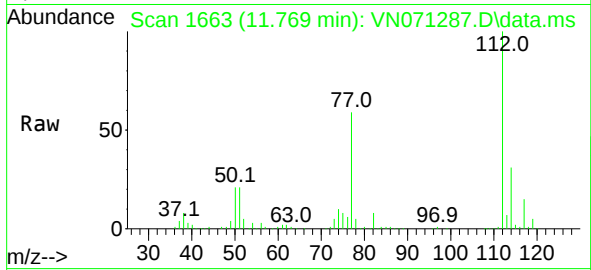




#65
Chlorobenzene
Concen: 20.087 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

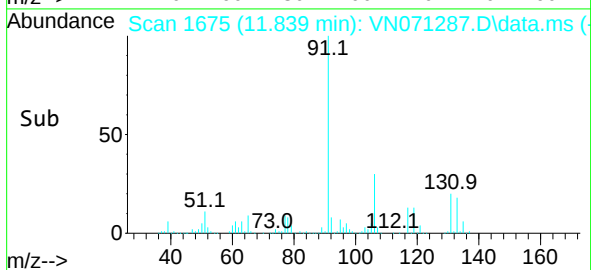
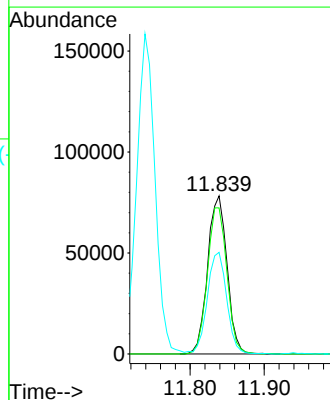
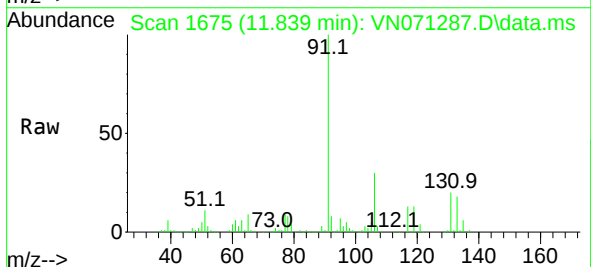
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

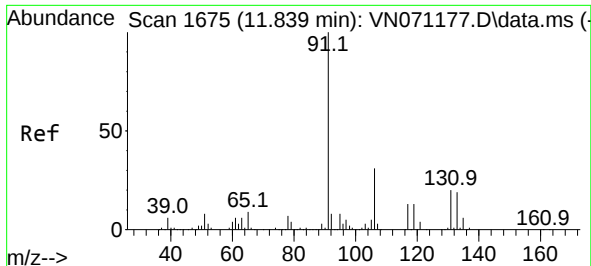
Tgt Ion:112 Resp: 368110
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.232 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion:131 Resp: 142670
Ion Ratio Lower Upper
131 100
133 92.9 47.9 143.7
119 64.3 32.1 96.5

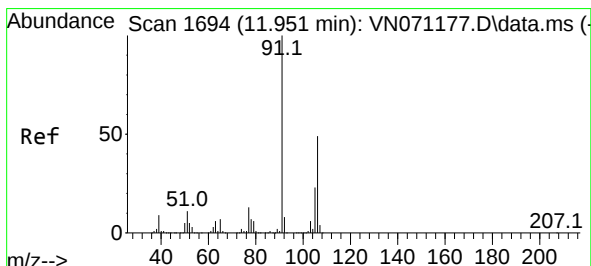
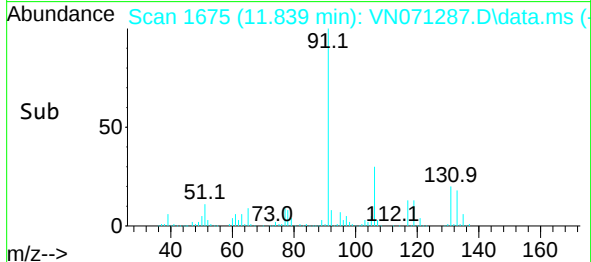
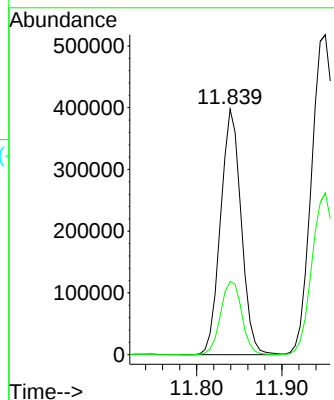
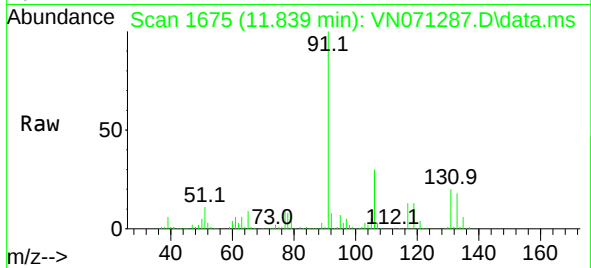




#67
Ethyl Benzene
Concen: 20.697 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

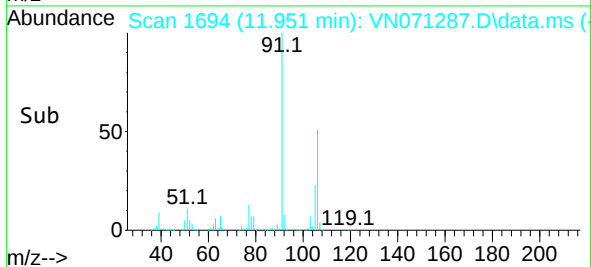
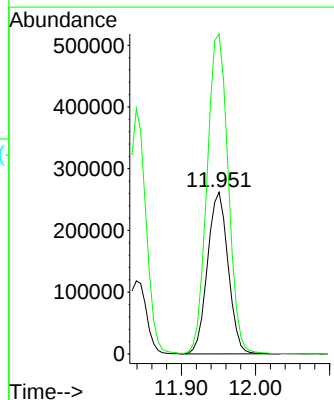
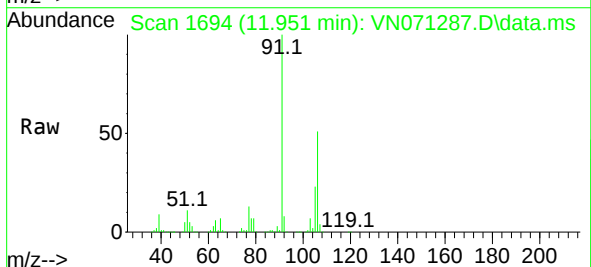
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

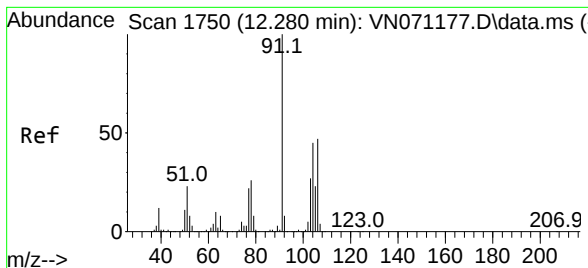
Tgt Ion: 91 Resp: 670637
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5



#68
m/p-Xylenes
Concen: 42.652 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 106 Resp: 505589
Ion Ratio Lower Upper
106 100
91 203.5 160.6 240.8





#69

o-Xylene

Concen: 21.141 ug/l

RT: 12.280 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

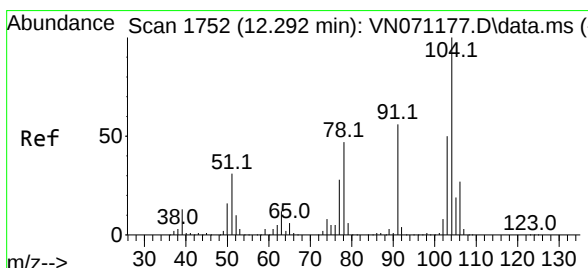
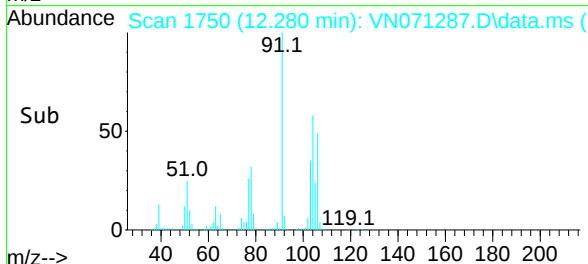
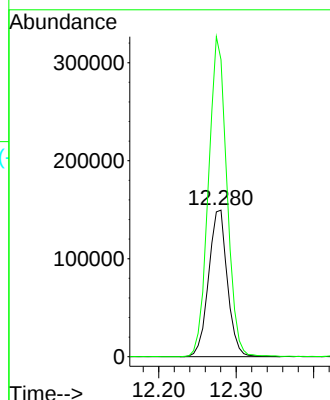
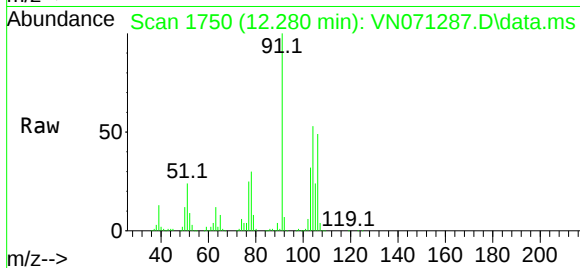
VN0315WBS01

Tgt Ion:106 Resp: 251201

Ion Ratio Lower Upper

106 100

91 214.8 105.8 317.3



#70

Styrene

Concen: 21.397 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

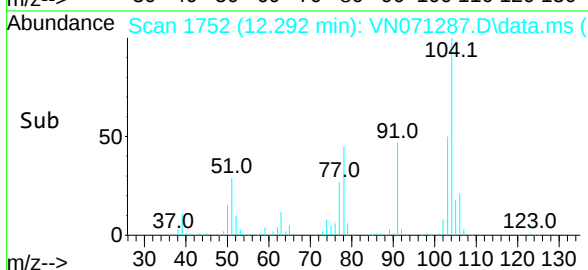
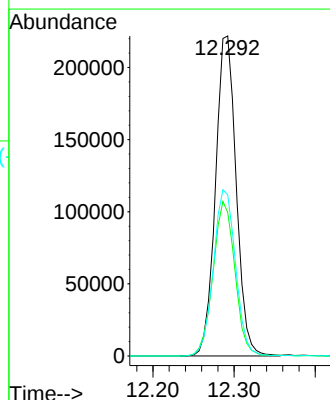
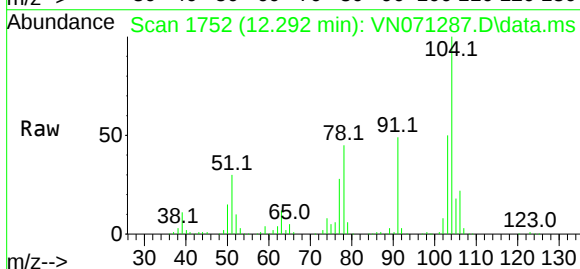
Tgt Ion:104 Resp: 393552

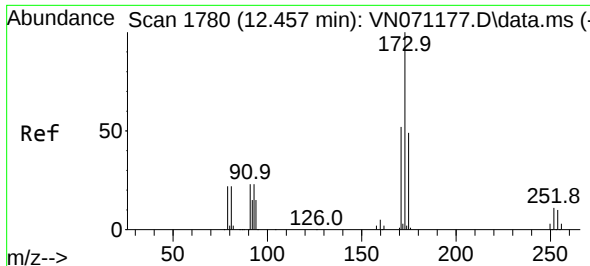
Ion Ratio Lower Upper

104 100

78 51.0 38.7 58.1

103 55.7 45.0 67.6

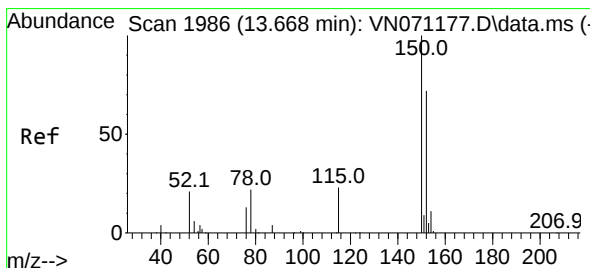
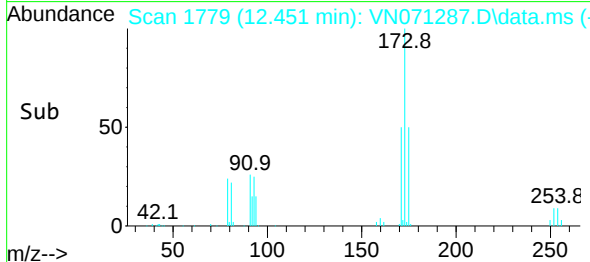
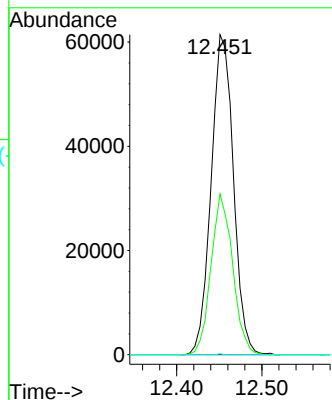
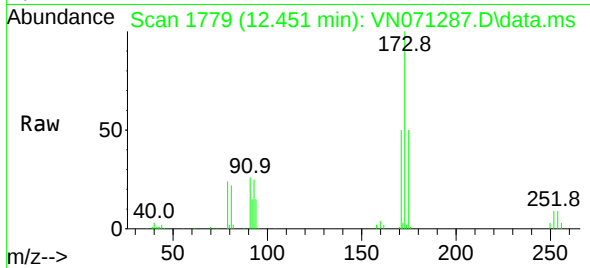




#71
Bromoform
Concen: 21.861 ug/l
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

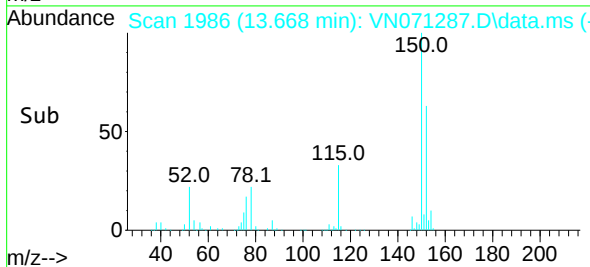
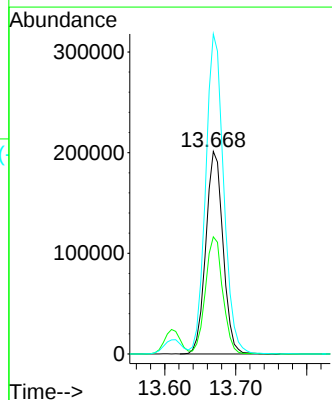
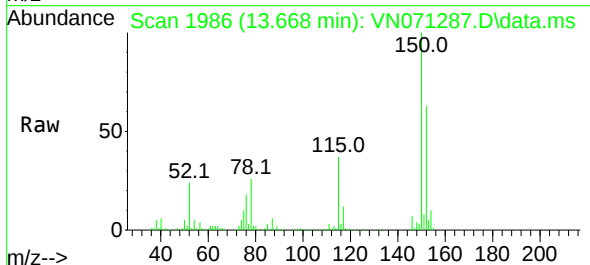
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

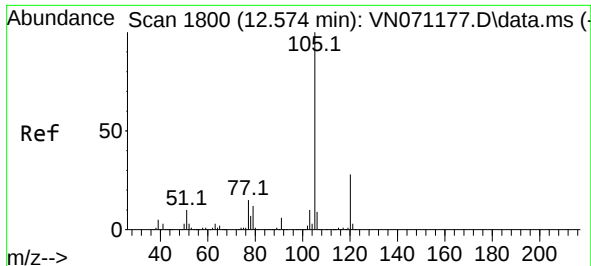
Tgt Ion:173 Resp: 111558
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion:152 Resp: 339268
Ion Ratio Lower Upper
152 100
115 57.9 27.5 82.5
150 165.1 0.0 344.4

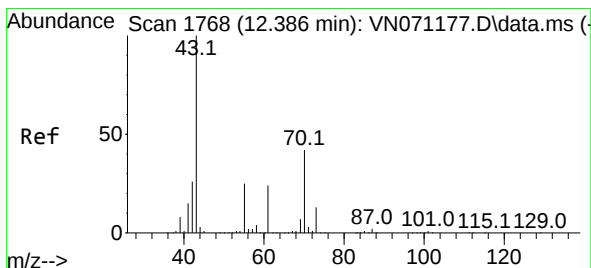
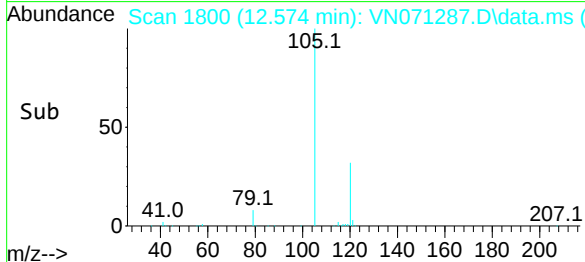
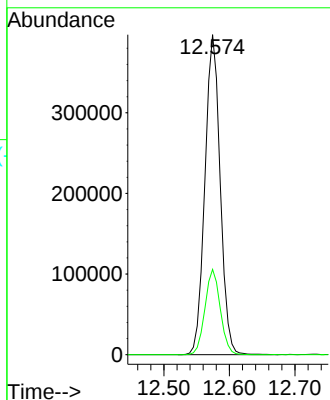
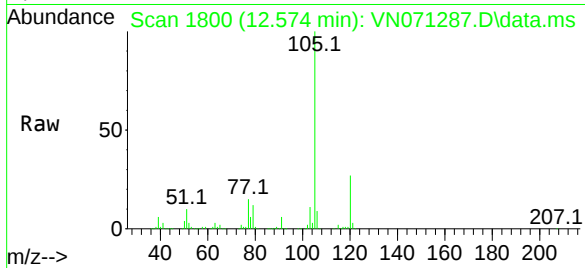




#73
Isopropylbenzene
Concen: 19.672 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

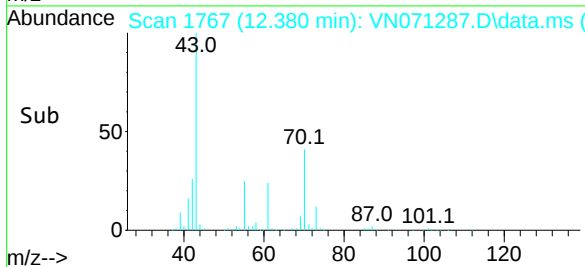
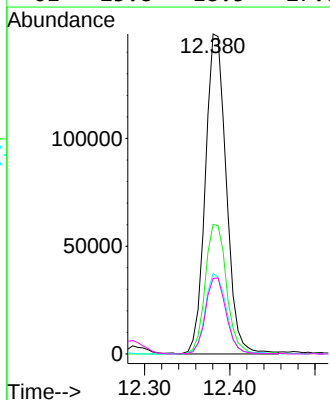
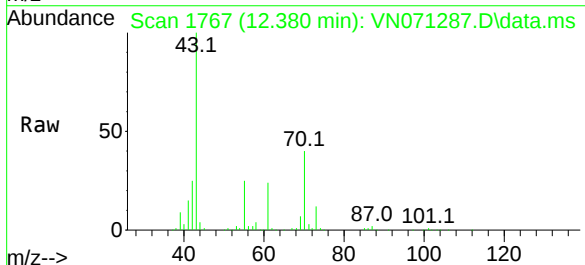
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

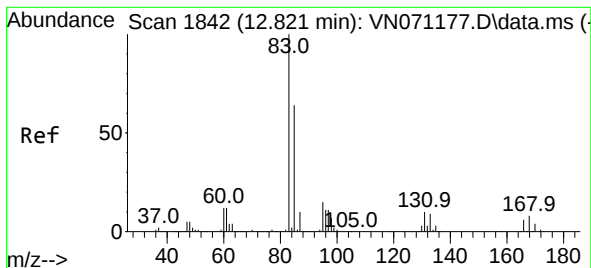
Tgt Ion:105 Resp: 643383
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 20.629 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 43 Resp: 253671
Ion Ratio Lower Upper
43 100
70 41.4 33.4 50.0
55 25.5 19.3 28.9
61 23.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.333 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

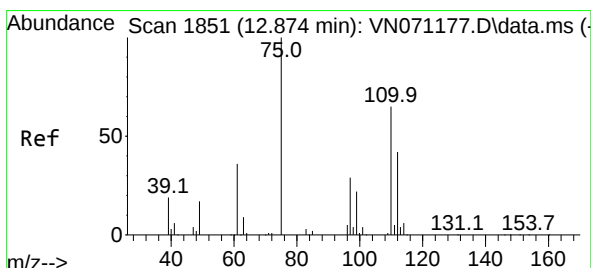
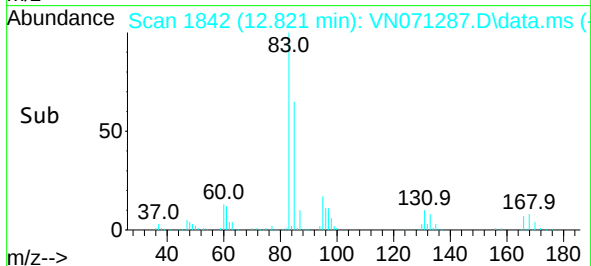
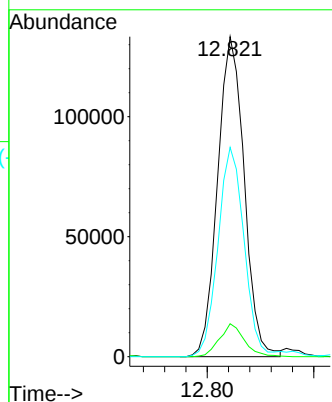
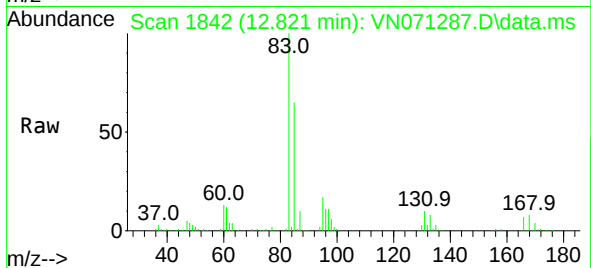
Tgt Ion: 83 Resp: 230825

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.5

85 64.1 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 33.626 ug/l

RT: 12.874 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN071287.D

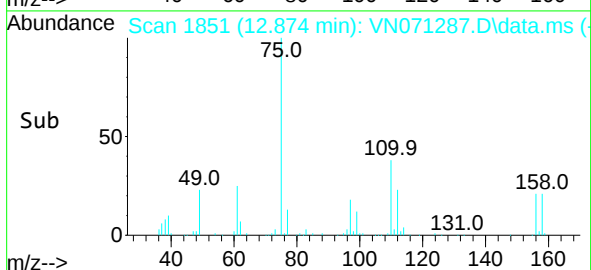
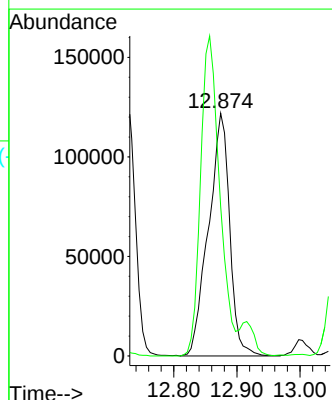
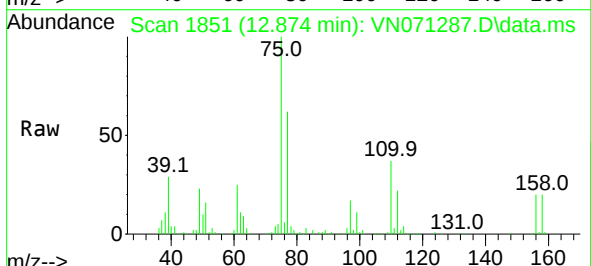
Acq: 15 Mar 2022 13:05

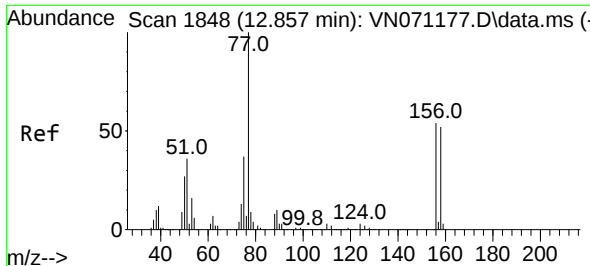
Tgt Ion: 75 Resp: 284095

Ion Ratio Lower Upper

75 100

77 118.8 82.6 247.8

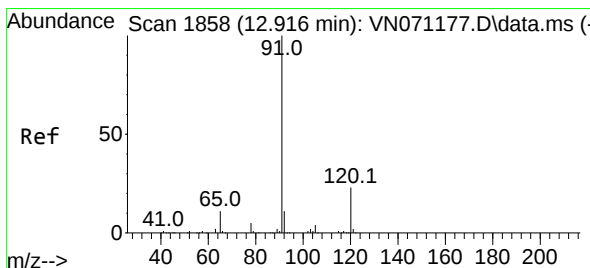
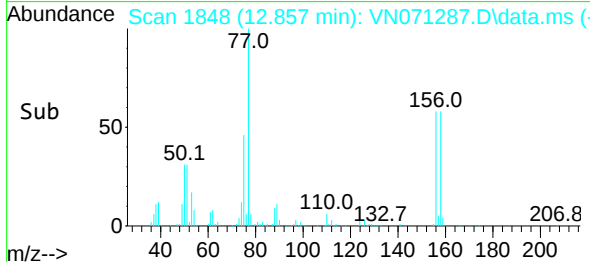
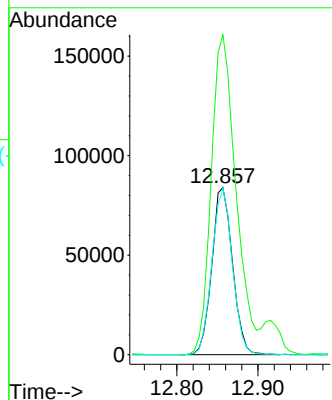
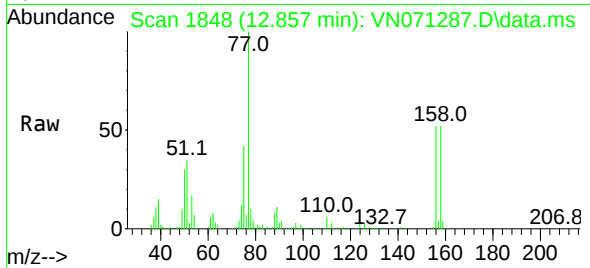




#77
Bromobenzene
Concen: 19.496 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

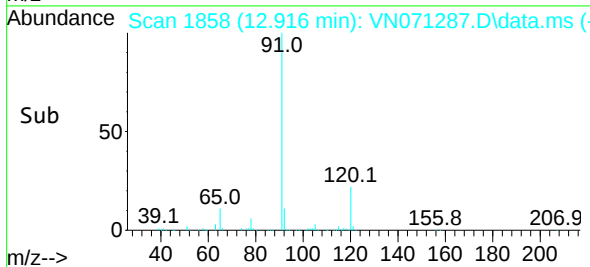
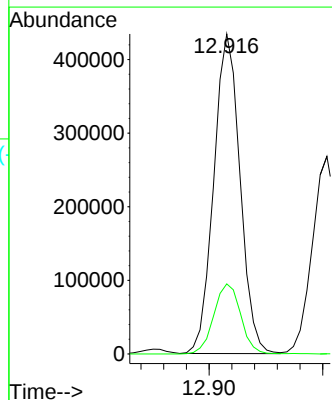
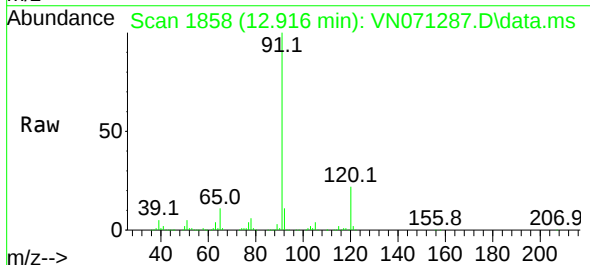
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

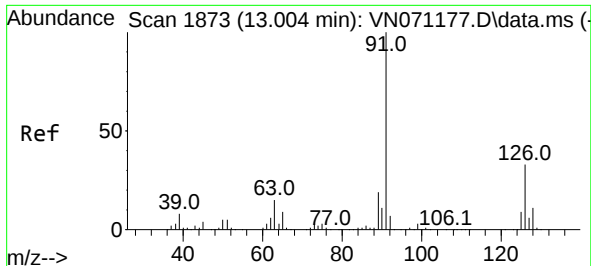
Tgt Ion:156 Resp: 148680
Ion Ratio Lower Upper
156 100
77 227.1 90.6 271.8
158 98.5 48.9 146.7



#78
n-propylbenzene
Concen: 19.853 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 91 Resp: 696738
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9

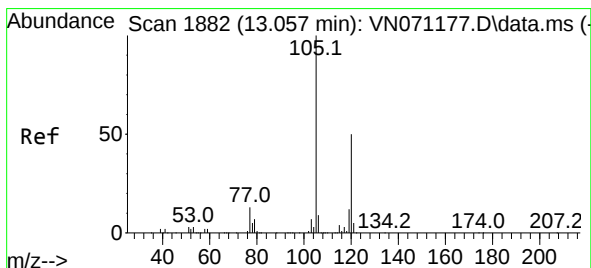
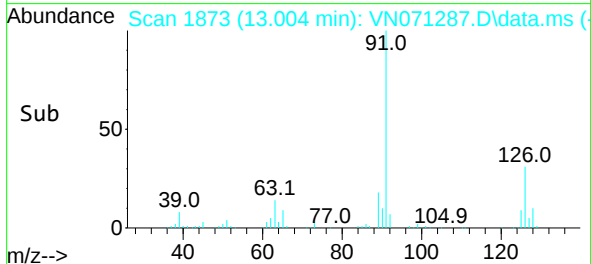
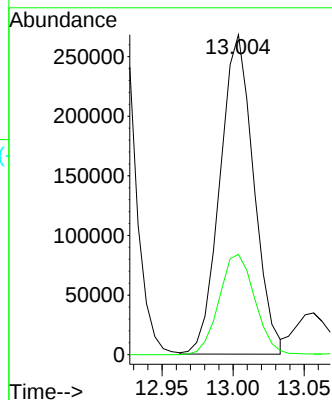
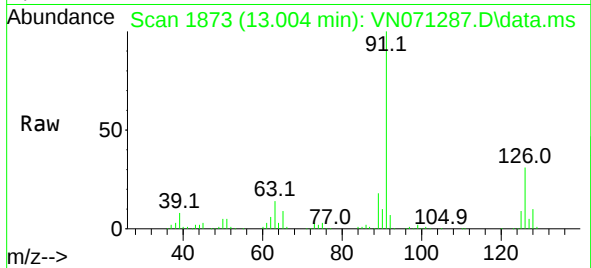




#79
2-Chlorotoluene
Concen: 19.674 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

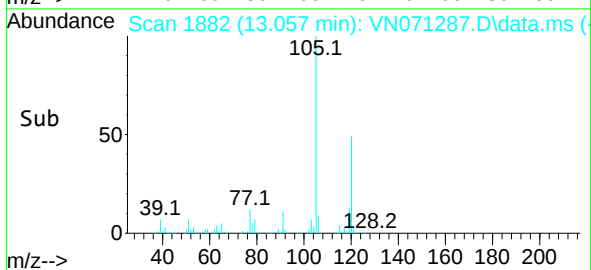
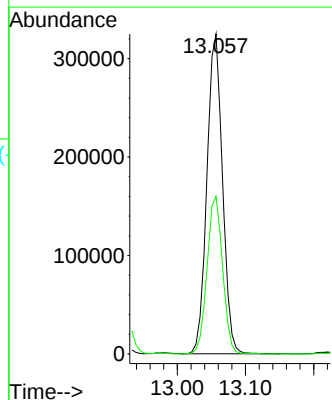
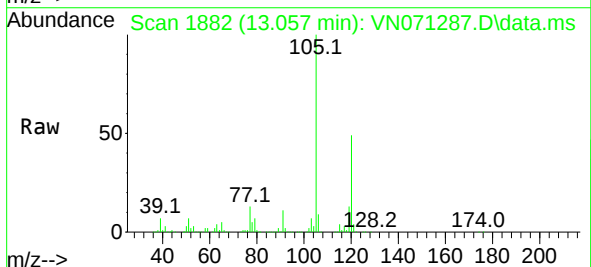
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

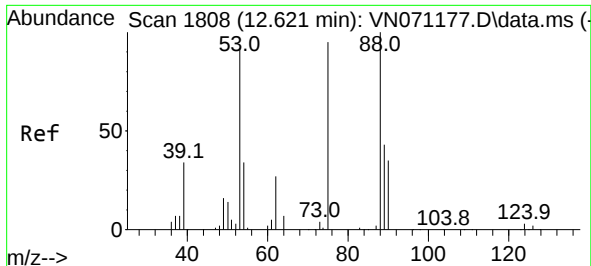
Tgt Ion: 91 Resp: 443213
Ion Ratio Lower Upper
91 100
126 33.4 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.261 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 105 Resp: 515522
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6

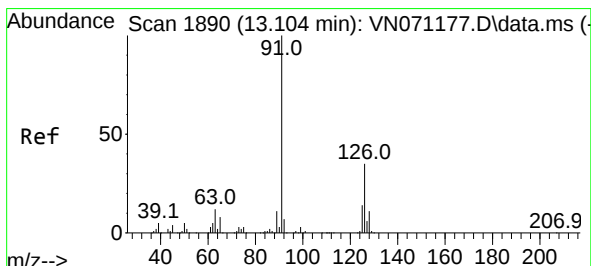
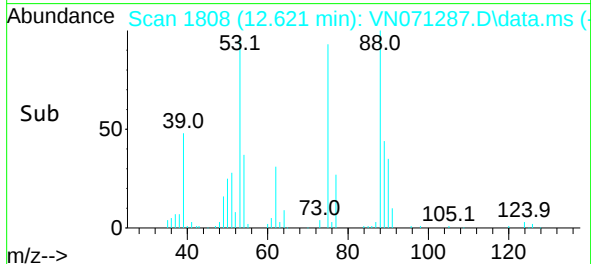
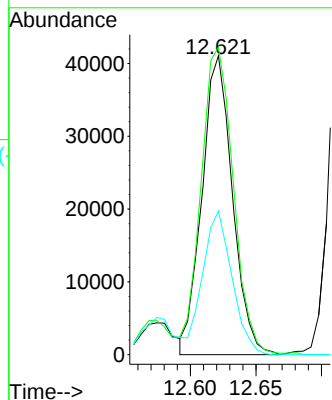
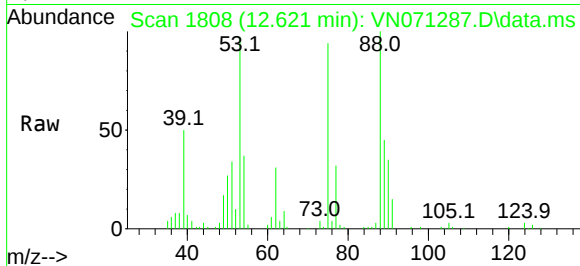




#81
trans-1,4-Dichloro-2-butene
Concen: 21.184 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

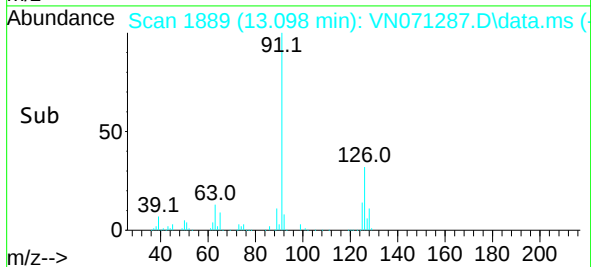
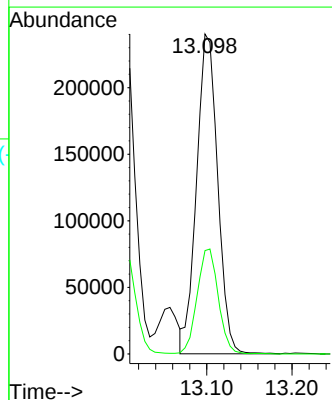
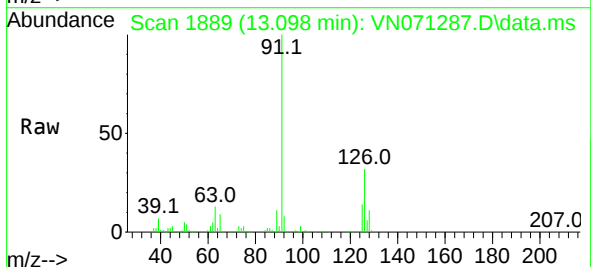
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

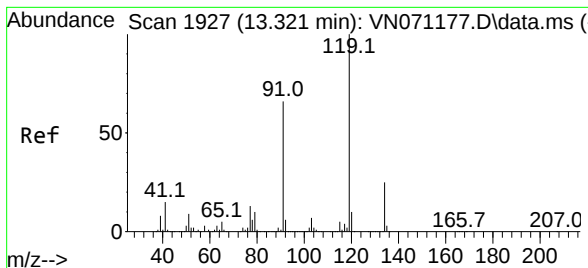
Tgt Ion: 75 Resp: 66484
Ion Ratio Lower Upper
75 100
53 110.1 90.5 135.7
89 45.7 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.540 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 91 Resp: 412169
Ion Ratio Lower Upper
91 100
126 32.7 18.2 54.6





#83

tert-Butylbenzene

Concen: 20.399 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

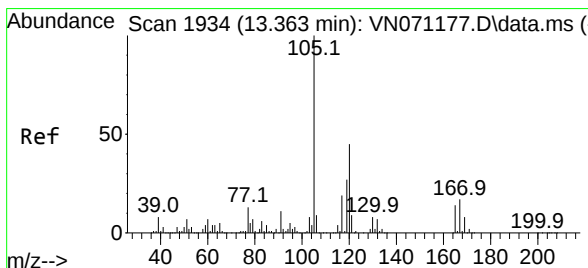
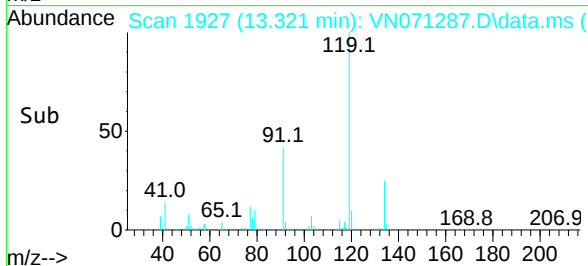
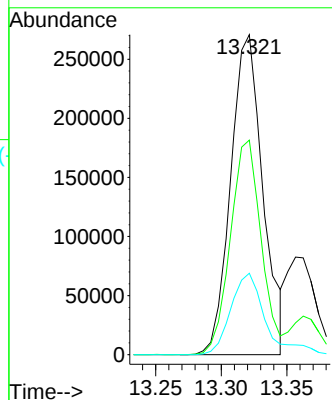
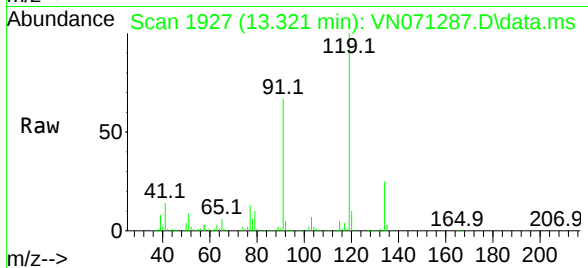
Tgt Ion:119 Resp: 463218

Ion Ratio Lower Upper

119 100

91 64.0 31.5 94.5

134 27.3 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 20.904 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN071287.D

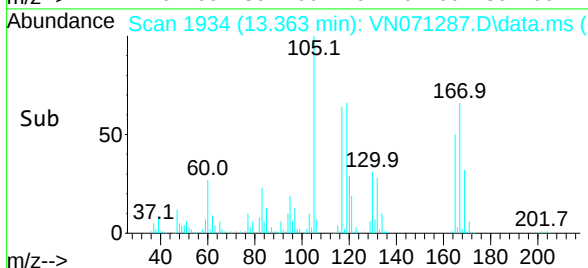
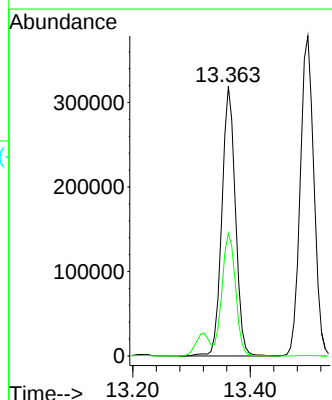
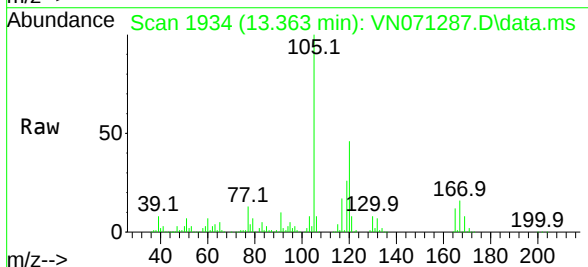
Acq: 15 Mar 2022 13:05

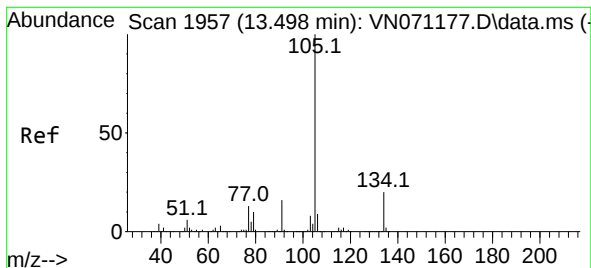
Tgt Ion:105 Resp: 509467

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.4





#85

sec-Butylbenzene

Concen: 20.260 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

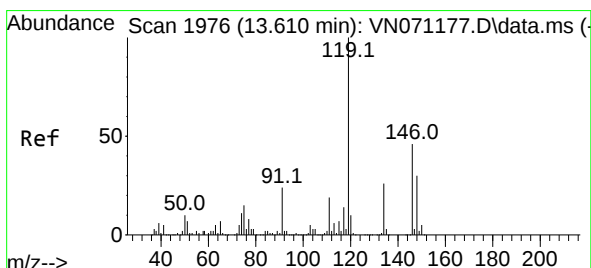
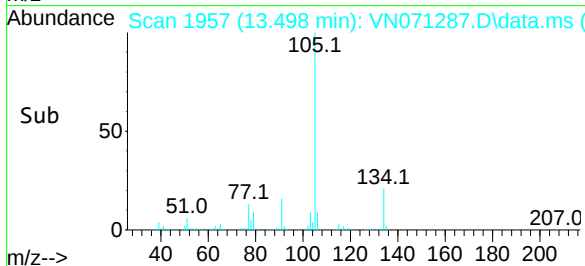
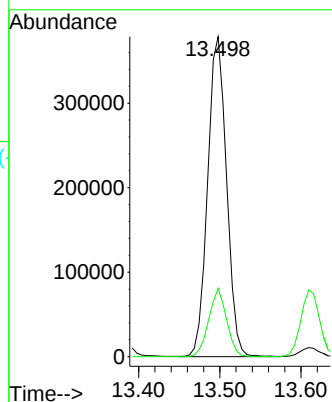
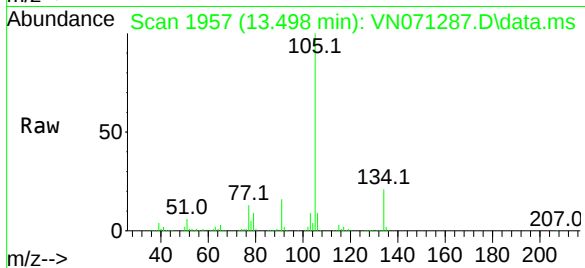
VN0315WBS01

Tgt Ion:105 Resp: 611476

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.780 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

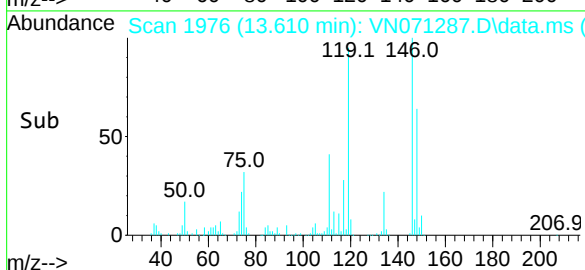
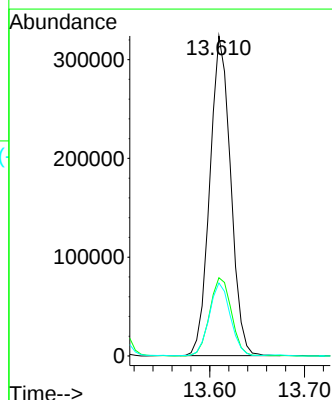
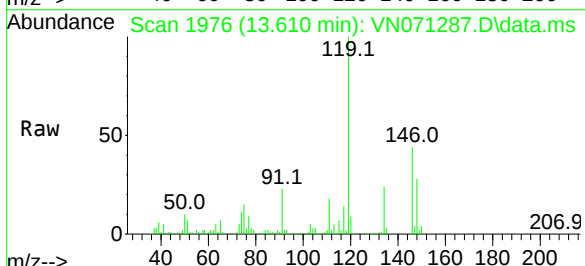
Tgt Ion:119 Resp: 493242

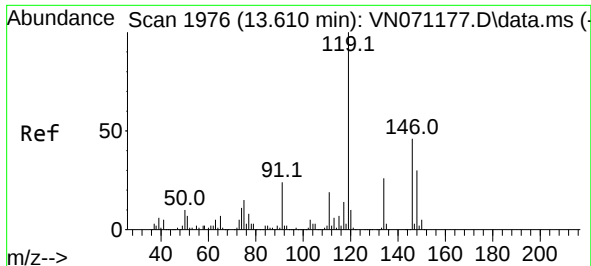
Ion Ratio Lower Upper

119 100

134 25.6 13.6 40.7

91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.785 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

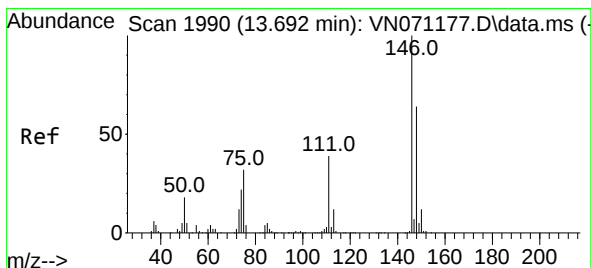
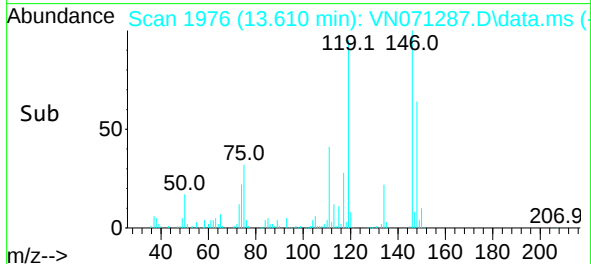
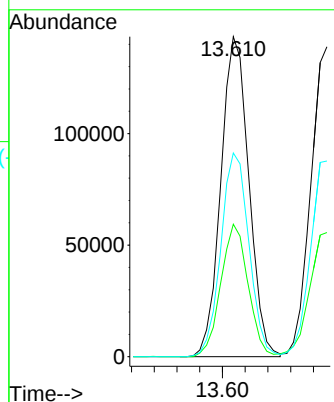
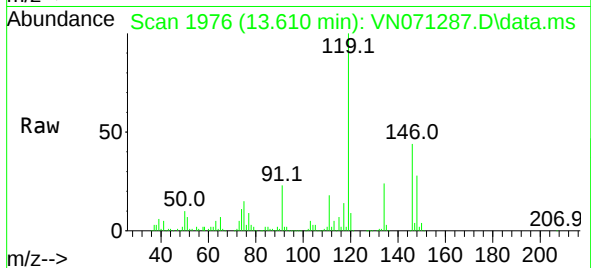
Tgt Ion:146 Resp: 245162

Ion Ratio Lower Upper

146 100

111 40.3 18.6 55.6

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.540 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

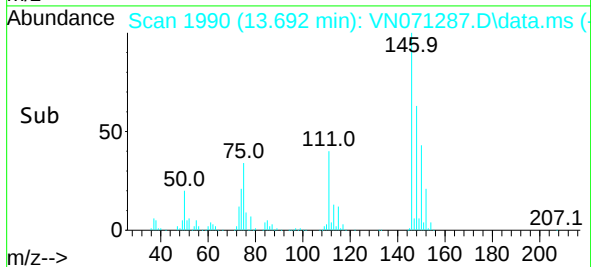
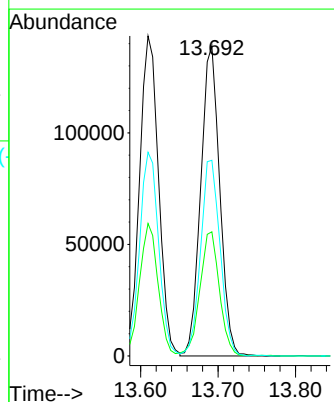
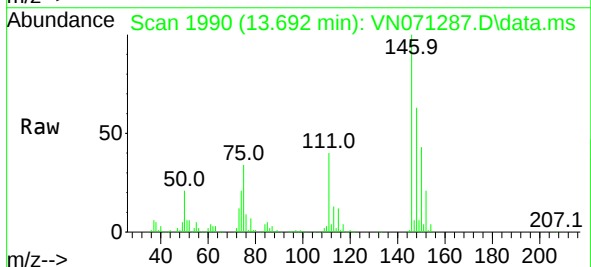
Tgt Ion:146 Resp: 236681

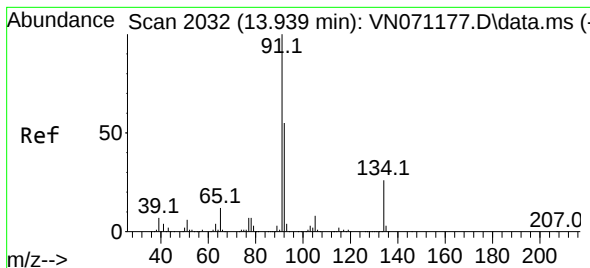
Ion Ratio Lower Upper

146 100

111 41.1 18.3 54.8

148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 19.342 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

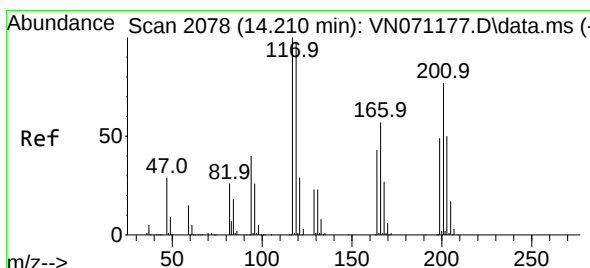
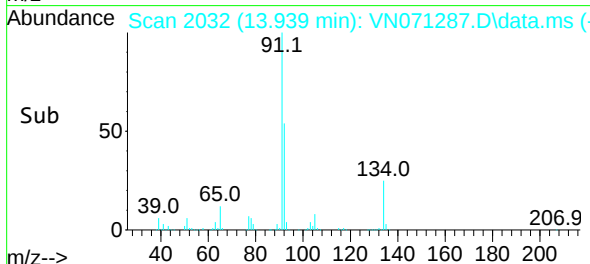
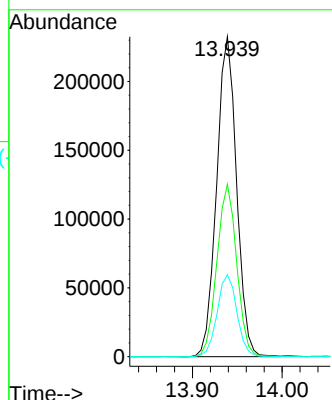
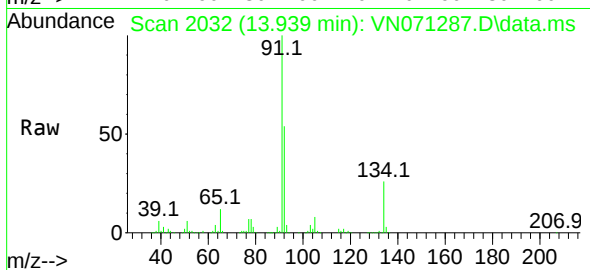
Tgt Ion: 91 Resp: 359093

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 25.4 13.6 40.8



#90

Hexachloroethane

Concen: 19.818 ug/l

RT: 14.204 min Scan# 2077

Delta R.T. -0.006 min

Lab File: VN071287.D

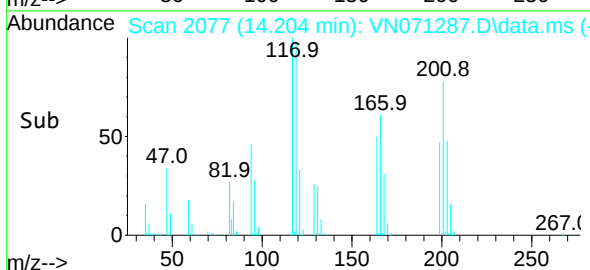
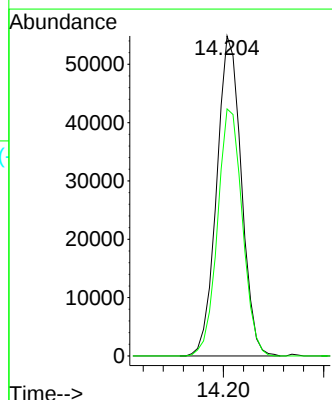
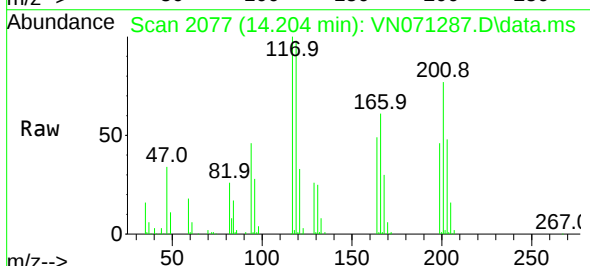
Acq: 15 Mar 2022 13:05

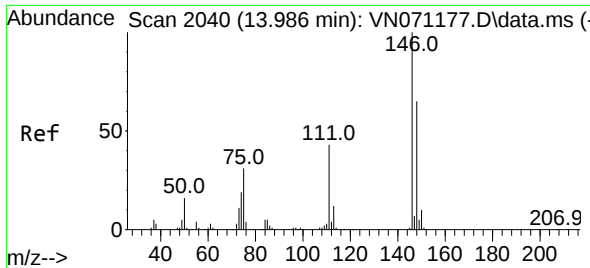
Tgt Ion: 117 Resp: 93544

Ion Ratio Lower Upper

117 100

201 77.8 43.9 131.6

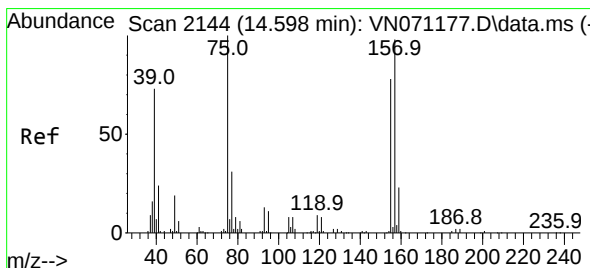
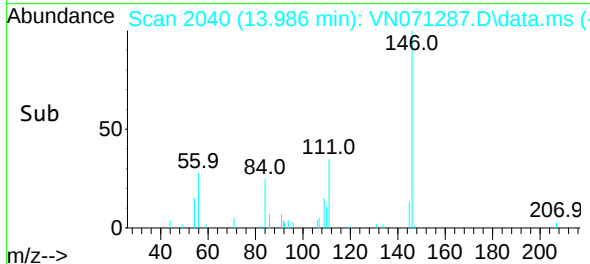
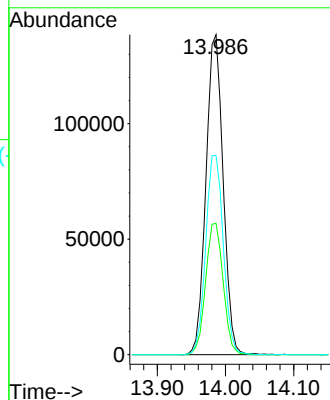
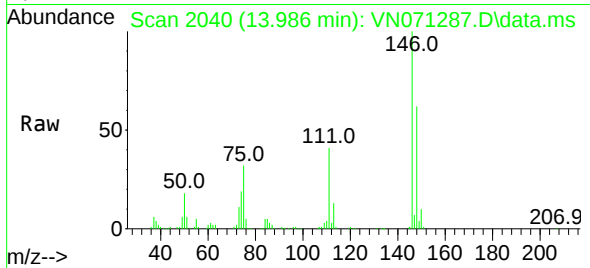




#91
1,2-Dichlorobenzene
Concen: 20.398 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

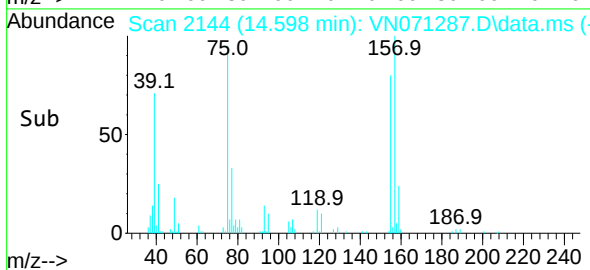
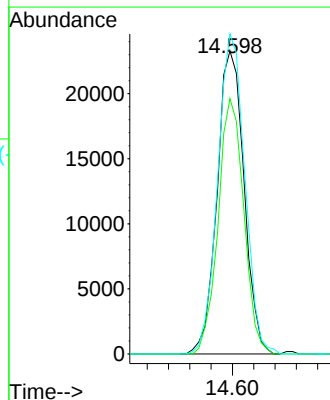
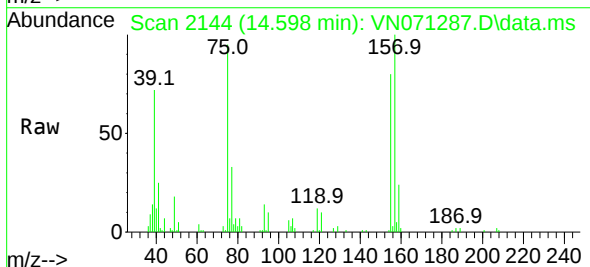
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

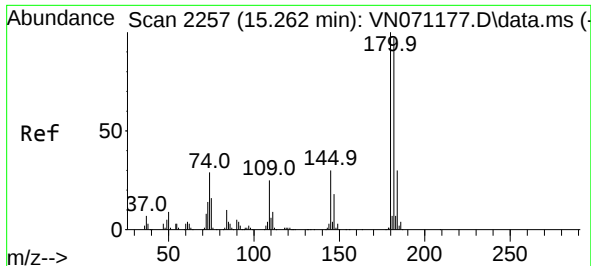
Tgt Ion:146 Resp: 243010
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 63.9 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.469 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion: 75 Resp: 40854
Ion Ratio Lower Upper
75 100
155 80.1 46.9 140.7
157 106.0 60.6 181.7

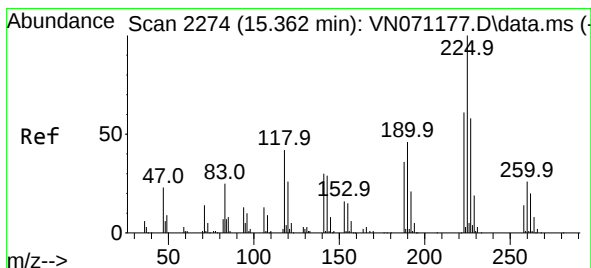
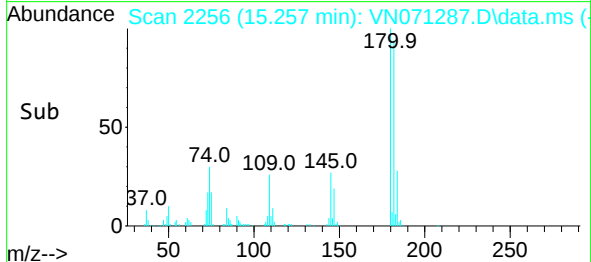
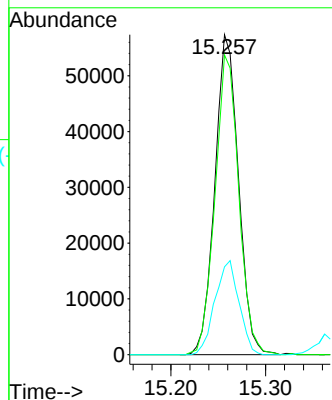
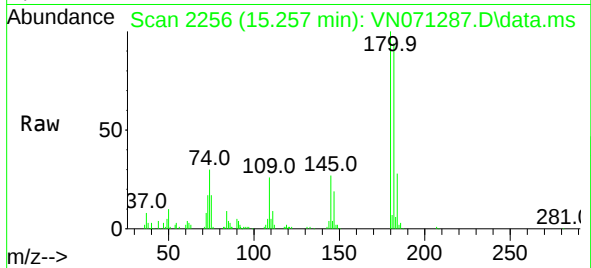




#93
1,2,4-Trichlorobenzene
Concen: 19.775 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

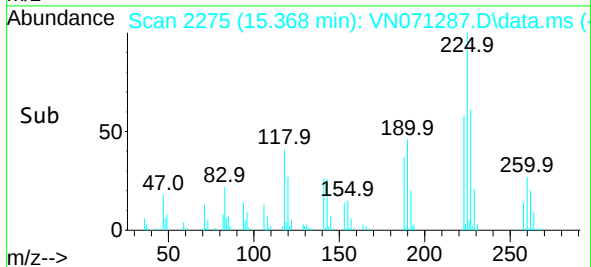
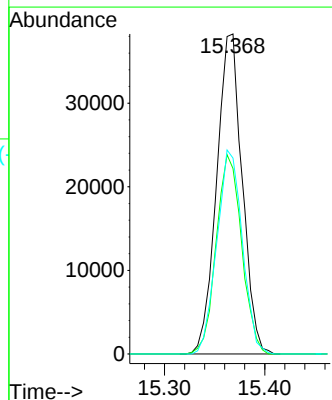
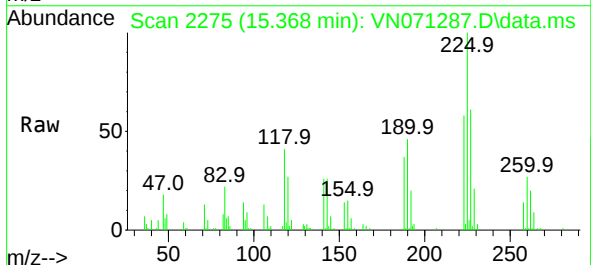
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

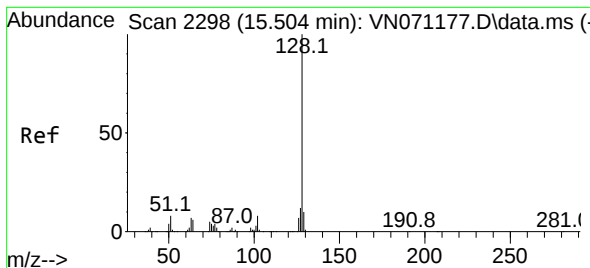
Tgt Ion:180 Resp: 99263
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.9
145 30.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 20.293 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071287.D
Acq: 15 Mar 2022 13:05

Tgt Ion:225 Resp: 67869
Ion Ratio Lower Upper
225 100
223 61.9 31.9 95.7
227 63.4 32.1 96.3





#95

Naphthalene

Concen: 19.911 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

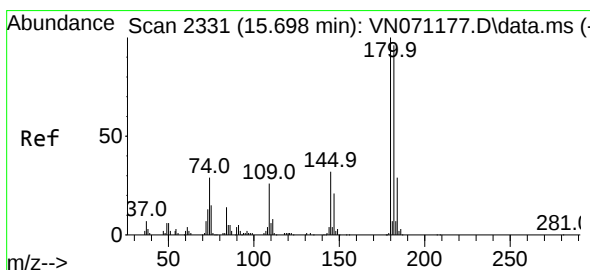
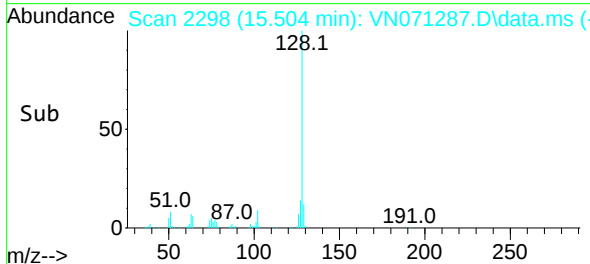
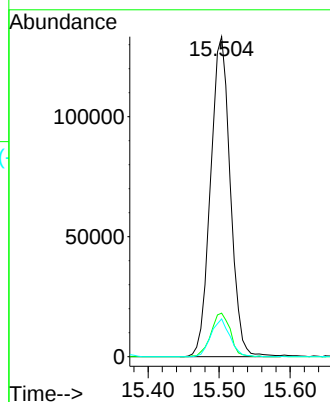
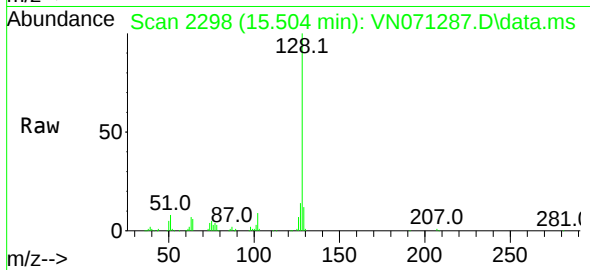
Tgt Ion:128 Resp: 256890

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.796 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN071287.D

Acq: 15 Mar 2022 13:05

Tgt Ion:180 Resp: 96143

Ion Ratio Lower Upper

180 100

182 97.1 47.4 142.2

145 32.4 15.0 45.1

