

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090622\
 Data File : VN074346.D
 Acq On : 06 Sep 2022 17:46
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 07 02:42:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 02:37:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	611876	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	1132287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	996011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	450309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	191303	20.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	40.500%#
35) Dibromofluoromethane	7.951	113	158484	21.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	42.080%#
50) Toluene-d8	10.380	98	583403	19.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	39.840%#
62) 4-Bromofluorobenzene	12.669	95	195598	20.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	41.560%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.052	85	155227	25.226	ug/l	98
3) Chloromethane	2.269	50	164133	19.993	ug/l	96
4) Vinyl Chloride	2.404	62	234907	15.821	ug/l	98
5) Bromomethane	2.810	94	105664	11.040	ug/l	97
6) Chloroethane	2.969	64	186367	16.176	ug/l	94
7) Trichlorofluoromethane	3.322	101	266111	23.250	ug/l	99
8) Diethyl Ether	3.769	74	102602	22.265	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.140	101	153100	22.292	ug/l	91
10) Methyl Iodide	4.346	142	76131	20.426	ug/l	# 89
11) Tert butyl alcohol	5.281	59	179284	102.337	ug/l	99
12) 1,1-Dichloroethene	4.116	96	144471	23.127	ug/l	97
13) Acrolein	3.987	56	187469	143.233	ug/l	97
14) Allyl chloride	4.763	41	211311	21.381	ug/l	95
15) Acrylonitrile	5.475	53	511574	106.084	ug/l	100
16) Acetone	4.222	43	424555	104.734	ug/l	97
17) Carbon Disulfide	4.457	76	373333	23.825	ug/l	97
18) Methyl Acetate	4.775	43	232174	19.287	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	517209	21.474	ug/l	97
20) Methylene Chloride	5.010	84	180512	21.324	ug/l	96
21) trans-1,2-Dichloroethene	5.516	96	153879	21.870	ug/l	93
22) Diisopropyl ether	6.416	45	478013	20.949	ug/l	97
23) Vinyl Acetate	6.351	43	2032622	102.762	ug/l	99
24) 1,1-Dichloroethane	6.310	63	293198	21.146	ug/l	99
25) 2-Butanone	7.257	43	694380	103.084	ug/l	98
26) 2,2-Dichloropropane	7.251	77	223057	20.032	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	189616	21.245	ug/l	97
28) Bromochloromethane	7.587	49	88037	18.440	ug/l	90
29) Tetrahydrofuran	7.610	42	457898	105.871	ug/l	97
30) Chloroform	7.751	83	324313	21.166	ug/l	99
31) Cyclohexane	8.028	56	268193	20.521	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	275251	21.610	ug/l	99
36) 1,1-Dichloropropene	8.151	75	222143	20.537	ug/l	99
37) Ethyl Acetate	7.339	43	273516	19.550	ug/l	98
38) Carbon Tetrachloride	8.134	117	241245	21.860	ug/l	97
39) Methylcyclohexane	9.398	83	281034	21.532	ug/l	95
40) Benzene	8.392	78	708292	20.843	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	107419	16.691	ug/l #	88
42) 1,2-Dichloroethane	8.463	62	254102	20.118	ug/l	99
43) Isopropyl Acetate	8.492	43	370366	18.430	ug/l	97
44) Trichloroethene	9.151	130	166344	20.439	ug/l	87
45) 1,2-Dichloropropane	9.428	63	177241	21.064	ug/l	100
46) Dibromomethane	9.510	93	131023	20.396	ug/l #	86
47) Bromodichloromethane	9.704	83	248339	20.970	ug/l	98
48) Methyl methacrylate	9.498	41	171026	19.059	ug/l	91
49) 1,4-Dioxane	9.504	88	95663	410.208	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	1345680	96.117	ug/l	99
52) Toluene	10.445	92	448219	21.364	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	237043	19.863	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	271482	20.603	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	179240	20.028	ug/l	94
56) Ethyl methacrylate	10.704	69	267463	20.072	ug/l	97
57) 1,3-Dichloropropane	10.986	76	306503	19.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	619085	96.099	ug/l	99
59) 2-Hexanone	11.027	43	1021930	96.403	ug/l	99
60) Dibromochloromethane	11.180	129	180185	20.098	ug/l	99
61) 1,2-Dibromoethane	11.286	107	177198	19.673	ug/l	98
64) Tetrachloroethene	10.916	164	136814	21.404	ug/l	91
65) Chlorobenzene	11.710	112	468183	21.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	167822	20.630	ug/l	97
67) Ethyl Benzene	11.786	91	822920	20.358	ug/l	99
68) m/p-Xylenes	11.892	106	640296	42.181	ug/l	96
69) o-Xylene	12.222	106	315835	20.911	ug/l	100
70) Styrene	12.233	104	513692	21.298	ug/l	99
71) Bromoform	12.398	173	127950	21.575	ug/l #	95
73) Isopropylbenzene	12.521	105	840724	21.195	ug/l	98
74) N-amyl acetate	12.327	43	303954	18.365	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.769	83	300719	20.562	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	365703	28.600	ug/l #	1
77) Bromobenzene	12.798	156	180574	20.516	ug/l	85
78) n-propylbenzene	12.857	91	955720	21.175	ug/l	96
79) 2-Chlorotoluene	12.945	91	579369	20.740	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	702607	22.039	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	78920	19.989	ug/l	95
82) 4-Chlorotoluene	13.045	91	563952	21.555	ug/l	96
83) tert-Butylbenzene	13.263	119	605761	20.971	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	695366	21.588	ug/l	97
85) sec-Butylbenzene	13.439	105	837398	20.821	ug/l	98
86) p-Isopropyltoluene	13.557	119	682394	21.715	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	334515	20.847	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	326733	19.114	ug/l	96
89) n-Butylbenzene	13.880	91	538016	19.750	ug/l	97
90) Hexachloroethane	14.145	117	123005	20.073	ug/l	81
91) 1,2-Dichlorobenzene	13.927	146	340395	20.123	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65322	20.439	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	161575	18.452	ug/l	96
94) Hexachlorobutadiene	15.298	225	75941	19.712	ug/l	97
95) Naphthalene	15.433	128	628946	18.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	167415	17.946	ug/l	98

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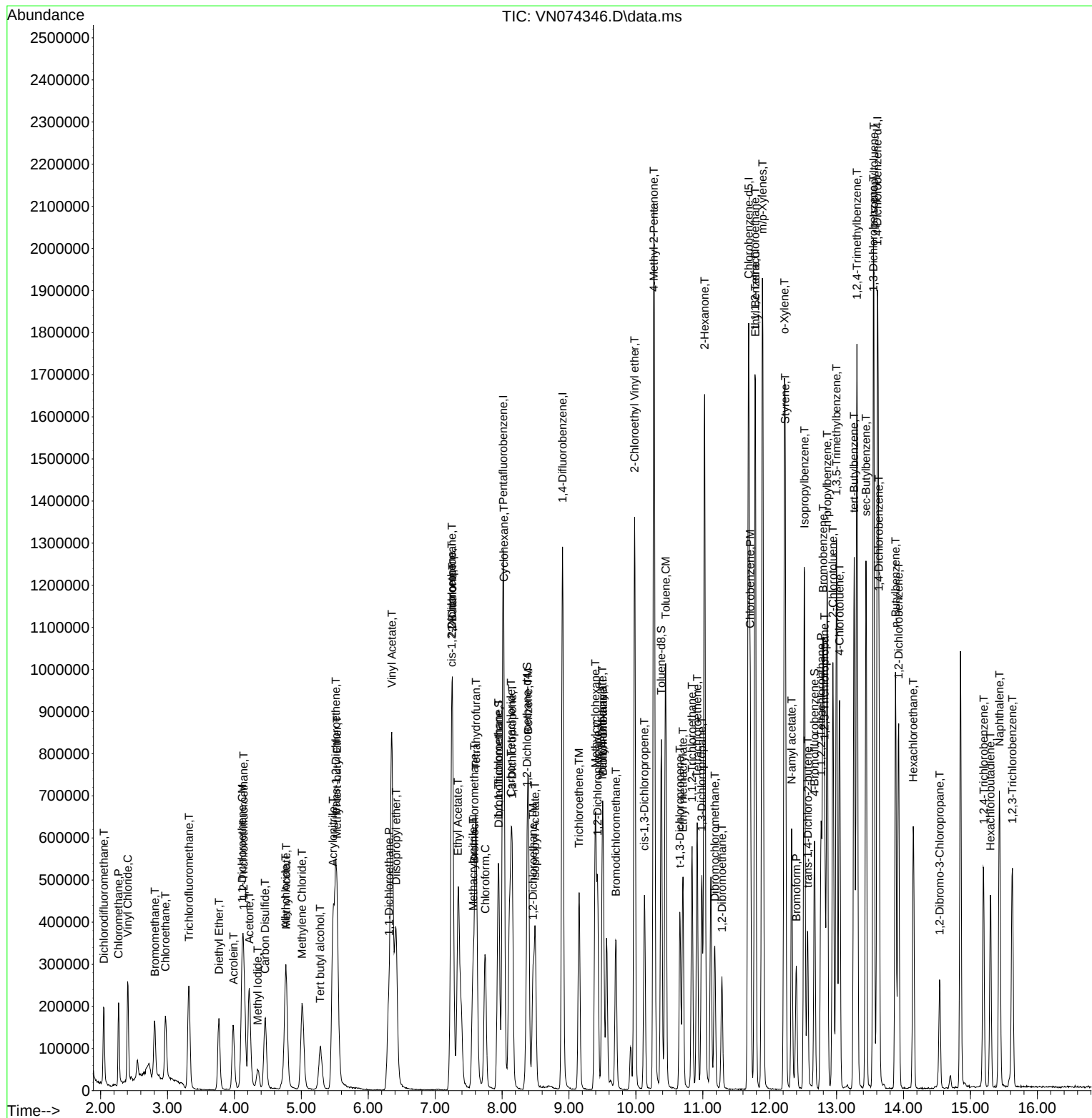
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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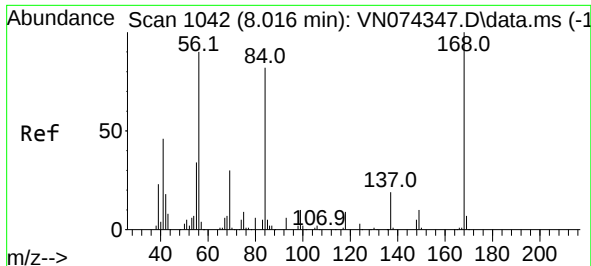
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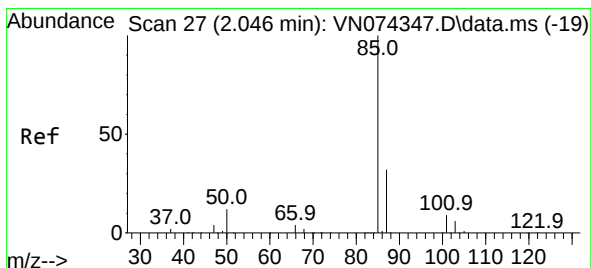
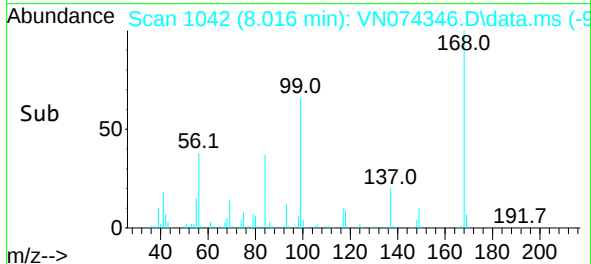
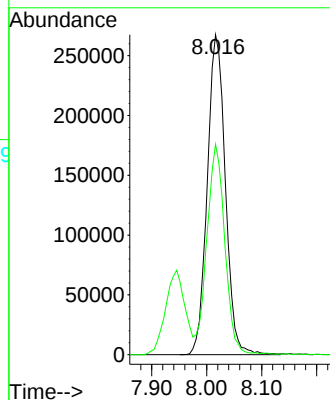
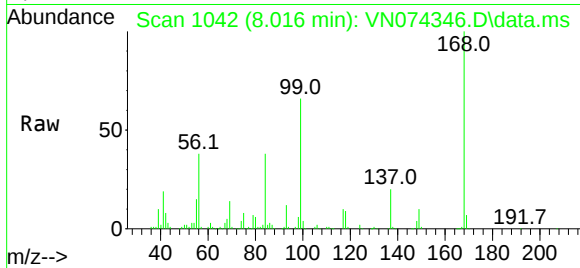




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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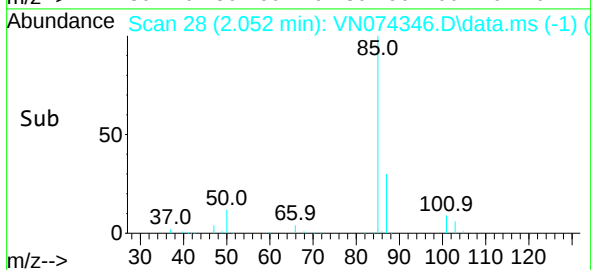
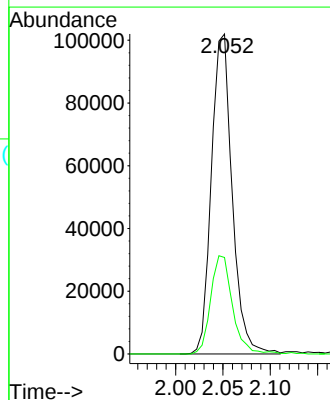
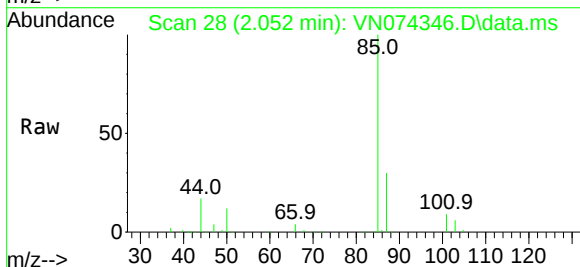
Instrument :
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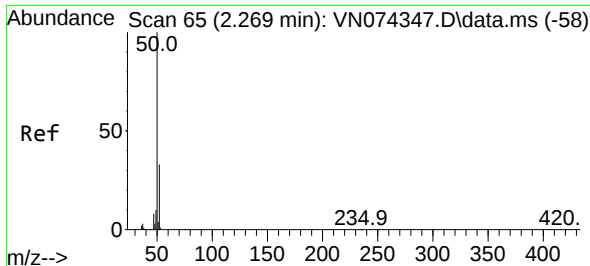
Tgt Ion:168 Resp: 611876
Ion Ratio Lower Upper
168 100
99 65.6 42.3 63.5#



#2
Dichlorodifluoromethane
Concen: 25.226 ug/l
RT: 2.052 min Scan# 28
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 85 Resp: 155227
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.1

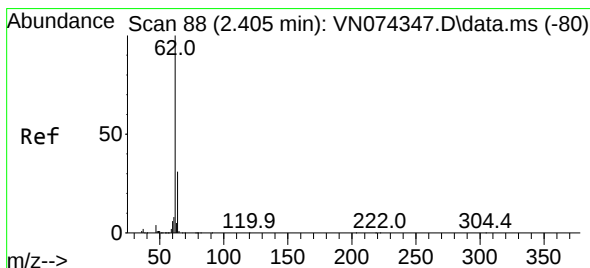
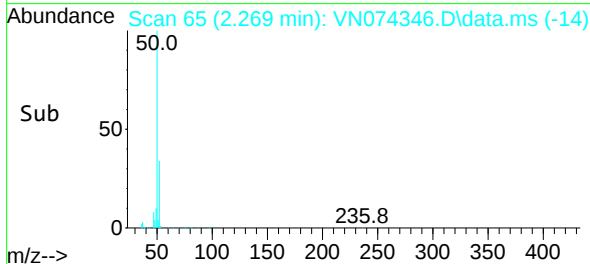
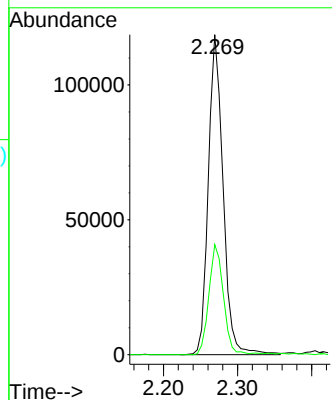
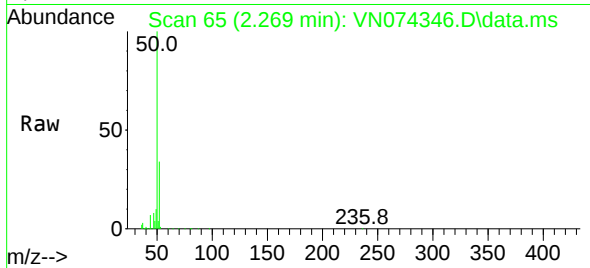




#3
Chloromethane
Concen: 19.993 ug/l
RT: 2.269 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN074346.D
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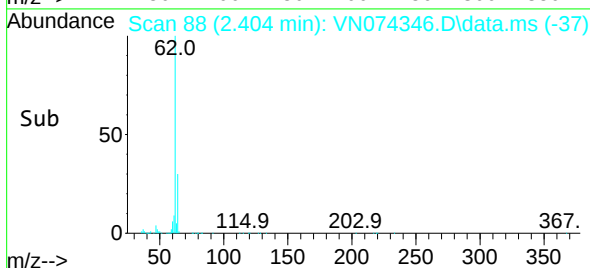
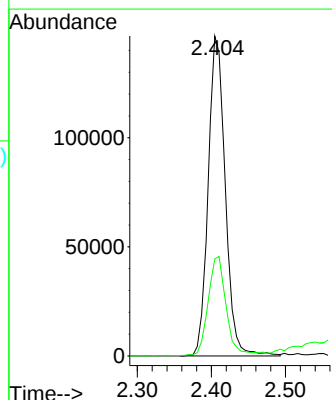
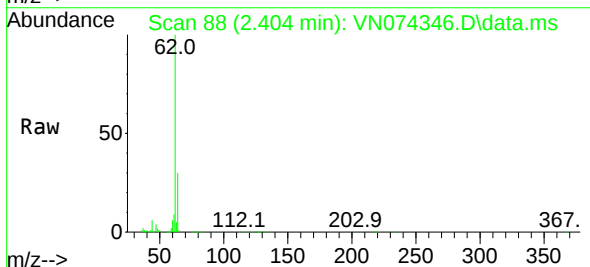
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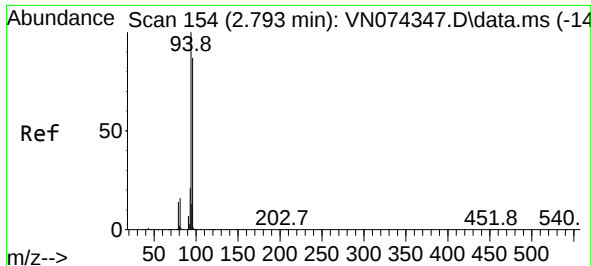
Tgt Ion: 50 Resp: 164133
Ion Ratio Lower Upper
50 100
52 34.4 25.7 38.5



#4
Vinyl Chloride
Concen: 15.821 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 62 Resp: 234907
Ion Ratio Lower Upper
62 100
64 30.1 25.0 37.4

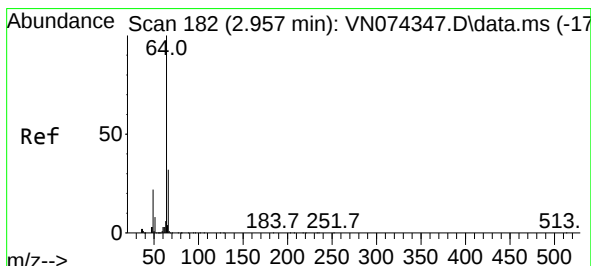
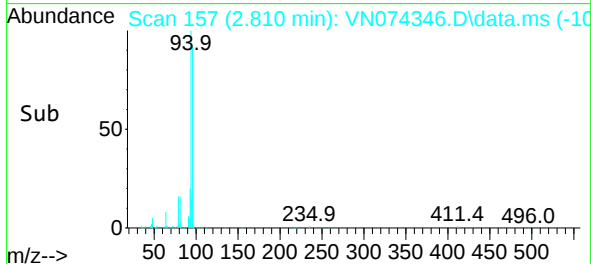
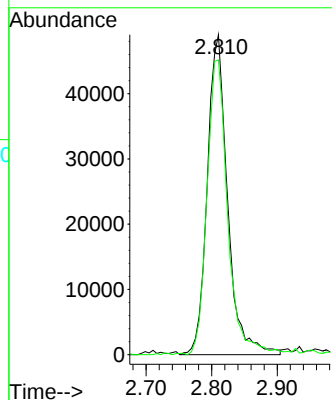
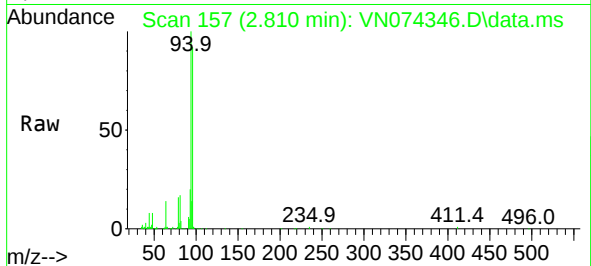




#5
Bromomethane
Concen: 11.040 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074346.D
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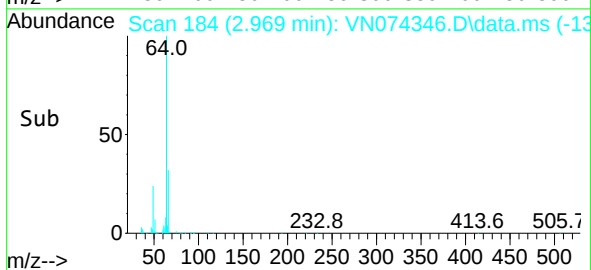
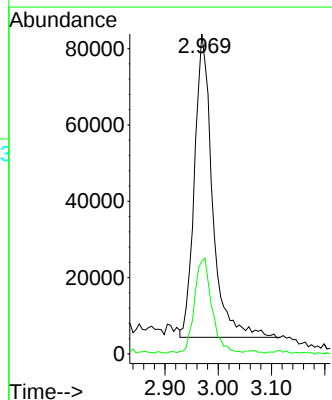
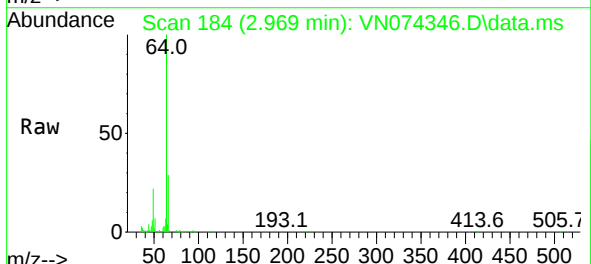
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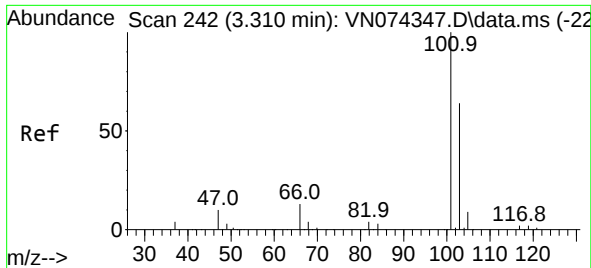
Tgt Ion: 94 Resp: 105664
Ion Ratio Lower Upper
94 100
96 91.7 76.0 114.0



#6
Chloroethane
Concen: 16.176 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 64 Resp: 186367
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.4

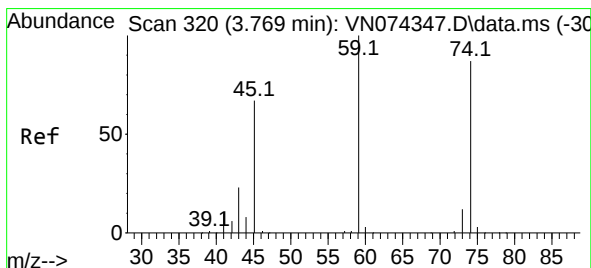
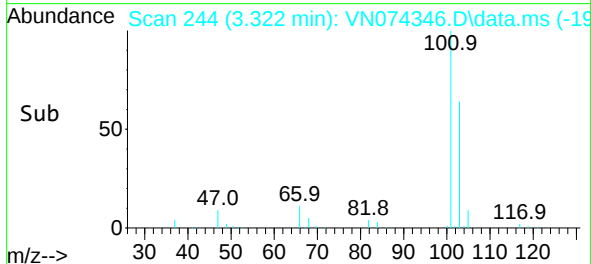
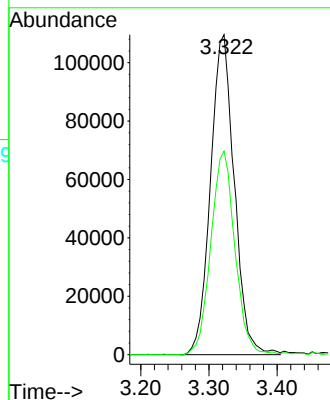
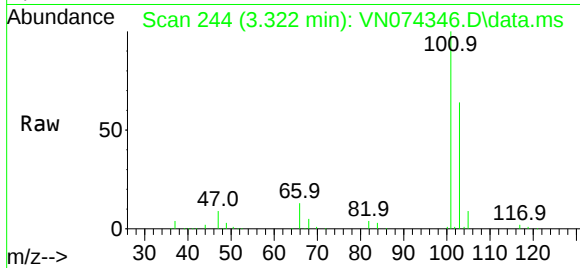




#7
Trichlorofluoromethane
Concen: 23.250 ug/l
RT: 3.322 min Scan# 24
Delta R.T. 0.012 min
Lab File: VN074346.D
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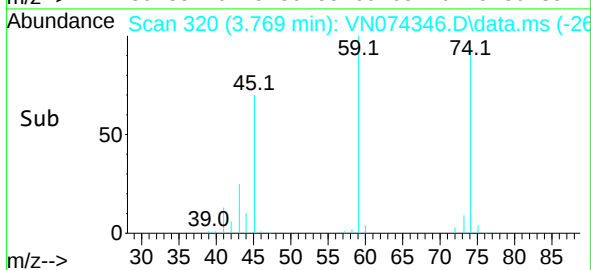
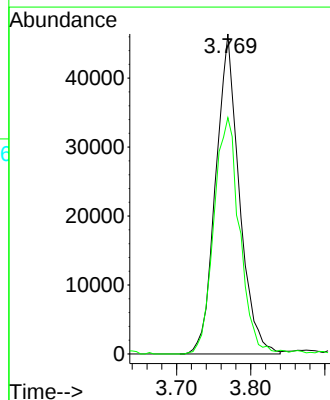
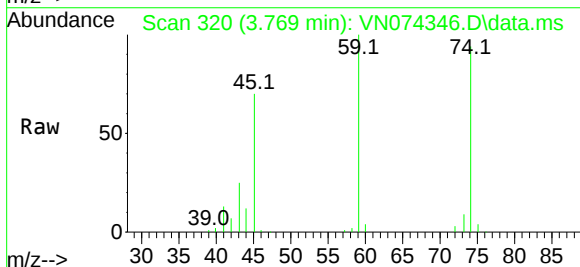
Instrument :
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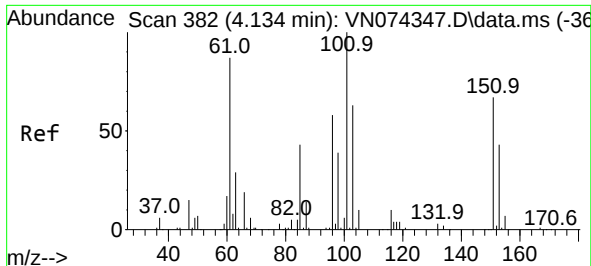
Tgt Ion:101 Resp: 266111
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3



#8
Diethyl Ether
Concen: 22.265 ug/l
RT: 3.769 min Scan# 320
Delta R.T. -0.000 min
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Acq: 06 Sep 2022 17:46

Tgt Ion: 74 Resp: 102602
Ion Ratio Lower Upper
74 100
45 80.3 42.9 128.5

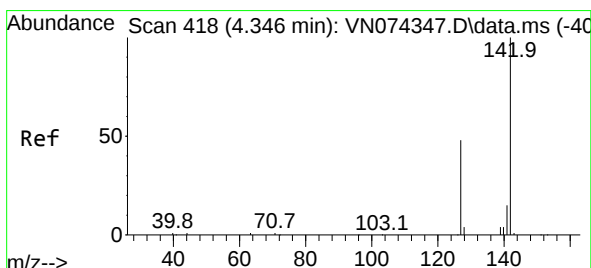
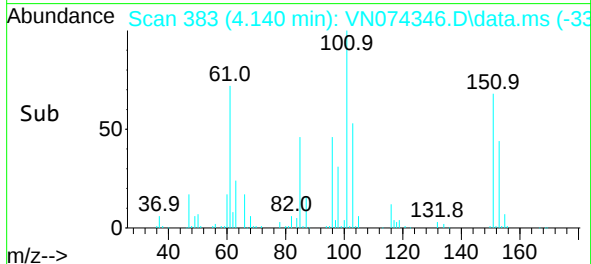
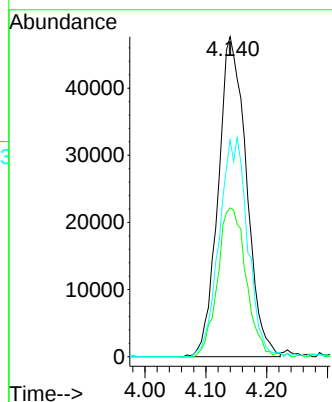
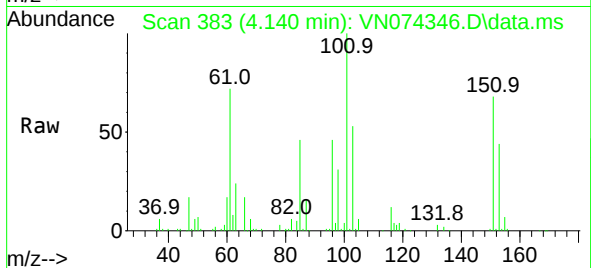




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.292 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

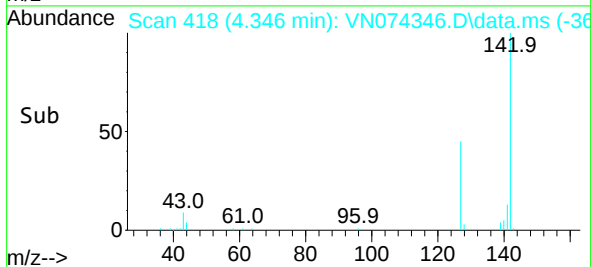
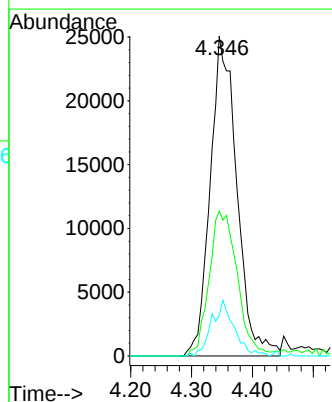
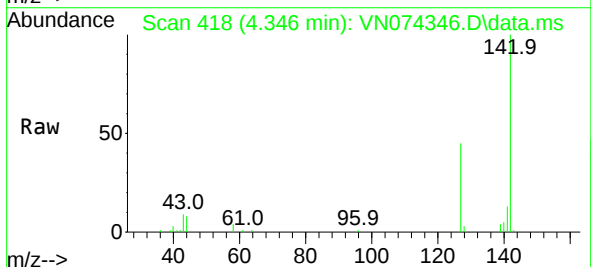
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

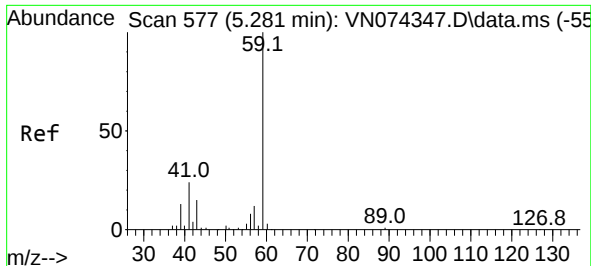
Tgt Ion:101 Resp: 153100
Ion Ratio Lower Upper
101 100
85 47.1 34.7 52.1
151 69.0 63.0 94.4



#10
Methyl Iodide
Concen: 20.426 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion:142 Resp: 76131
Ion Ratio Lower Upper
142 100
127 47.6 31.3 46.9#
141 14.8 11.2 16.8

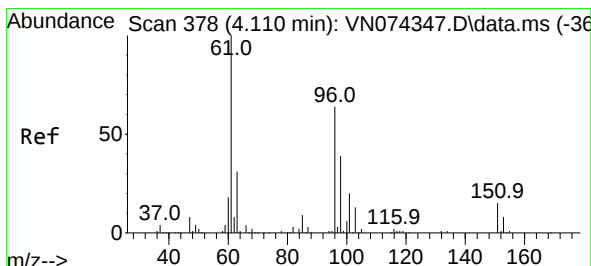
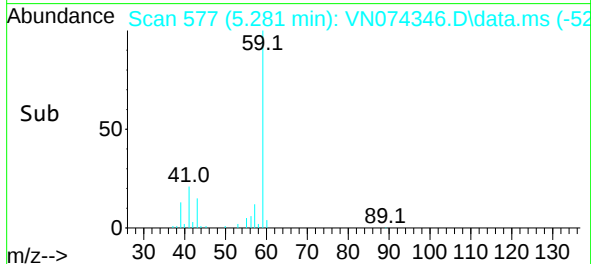
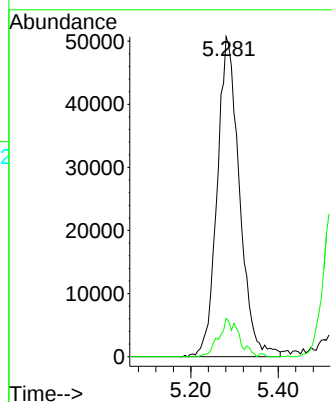
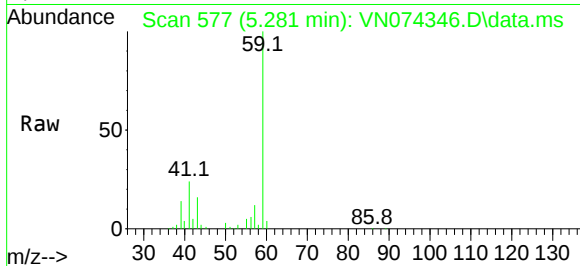




#11
Tert butyl alcohol
Concen: 102.337 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

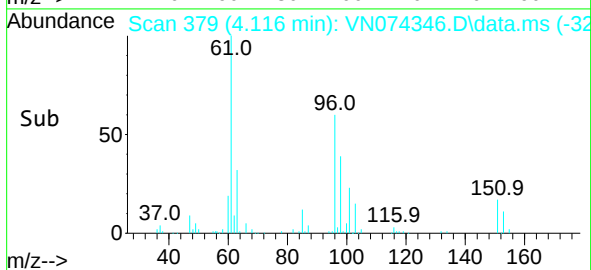
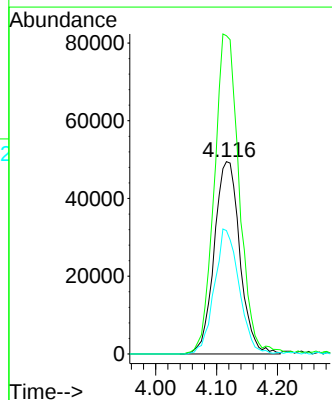
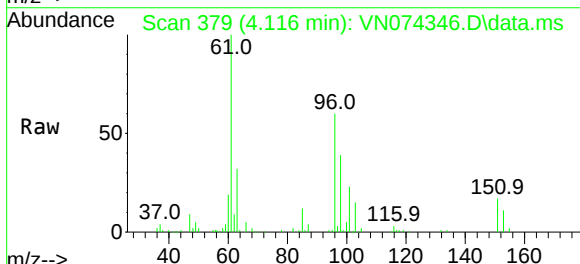
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

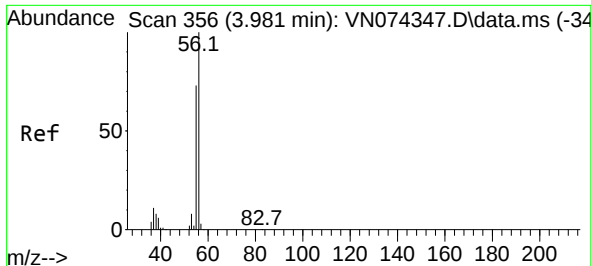
Tgt Ion: 59 Resp: 179284
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 23.127 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 96 Resp: 144471
Ion Ratio Lower Upper
96 100
61 165.5 127.6 191.4
98 64.2 51.2 76.8

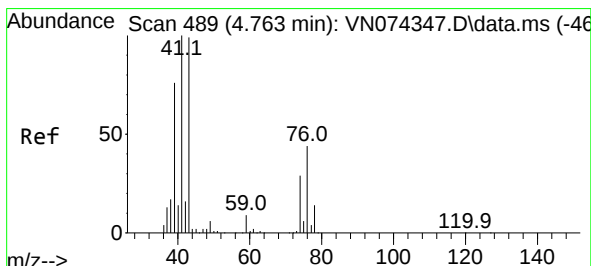
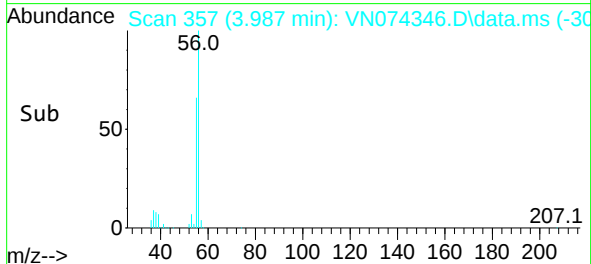
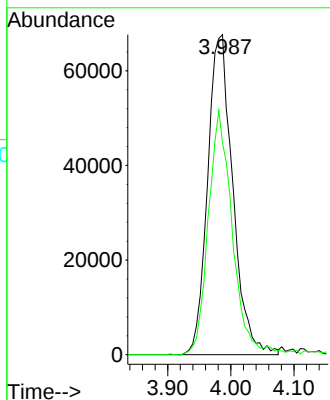
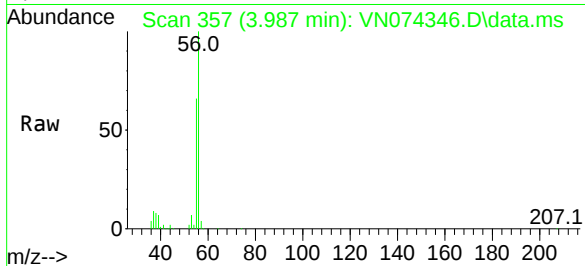




#13
Acrolein
Concen: 143.233 ug/l
RT: 3.987 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

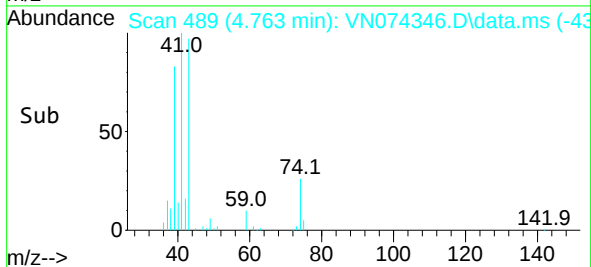
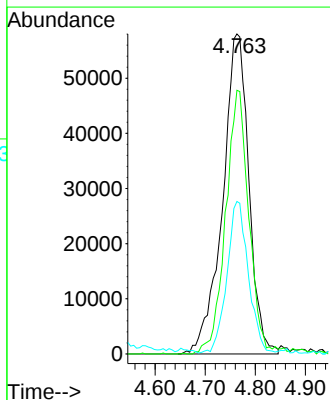
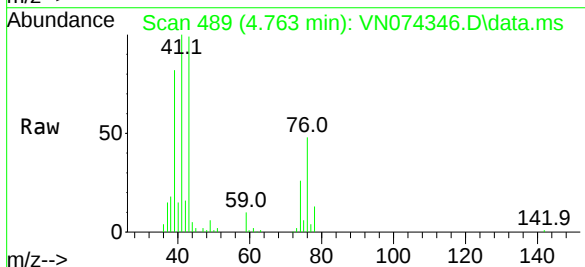
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

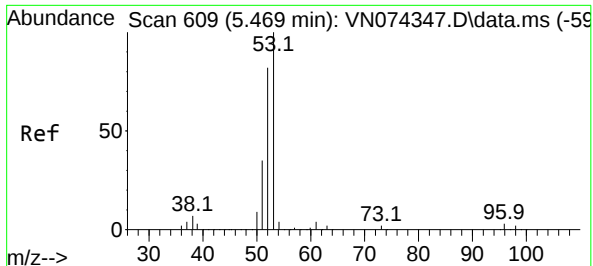
Tgt Ion: 56 Resp: 187469
Ion Ratio Lower Upper
56 100
55 71.2 54.8 82.2



#14
Allyl chloride
Concen: 21.381 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 41 Resp: 211311
Ion Ratio Lower Upper
41 100
39 72.1 53.2 79.8
76 38.4 29.9 44.9

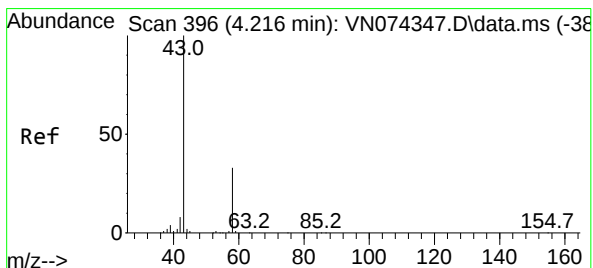
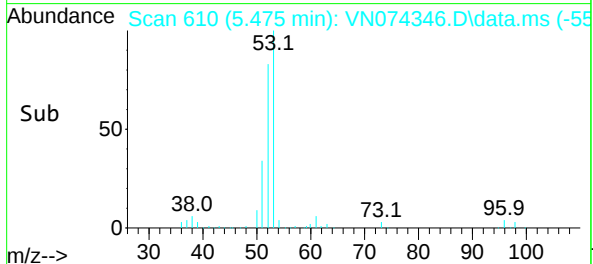
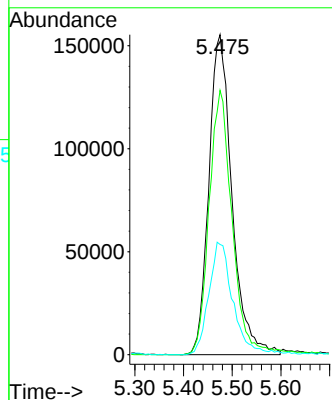
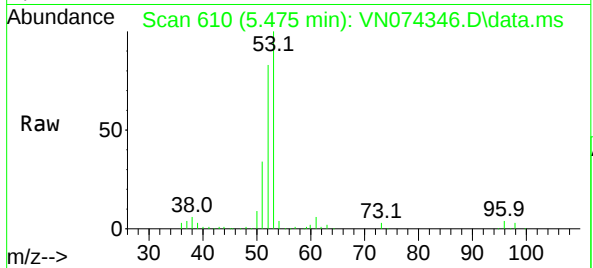




#15
Acrylonitrile
Concen: 106.084 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

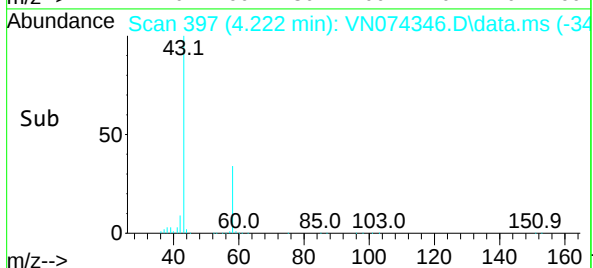
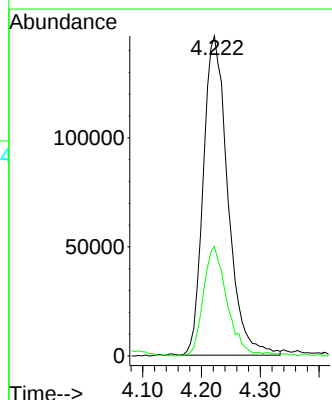
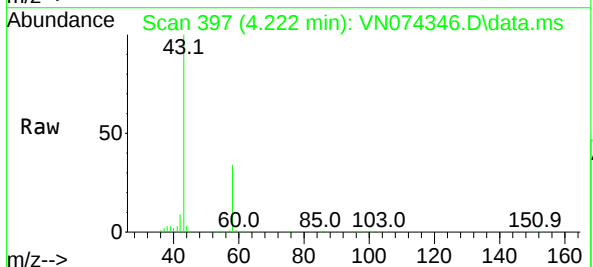
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

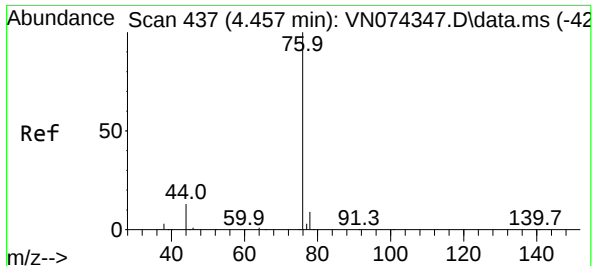
Tgt Ion: 53 Resp: 511574
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.1 28.5 42.7



#16
Acetone
Concen: 104.734 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 43 Resp: 424555
Ion Ratio Lower Upper
43 100
58 34.0 26.0 39.0

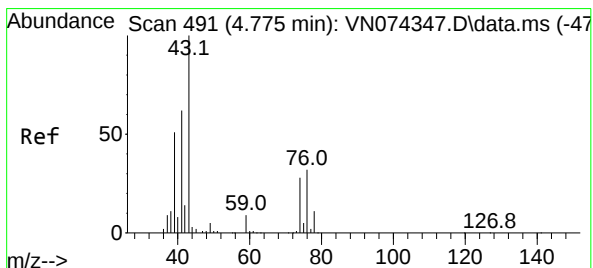
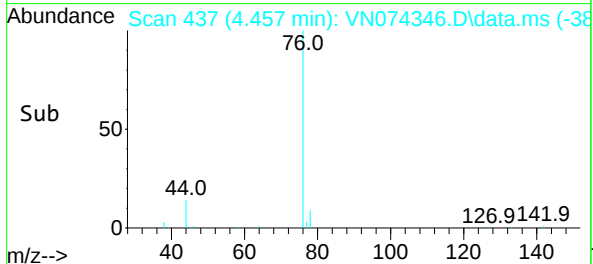
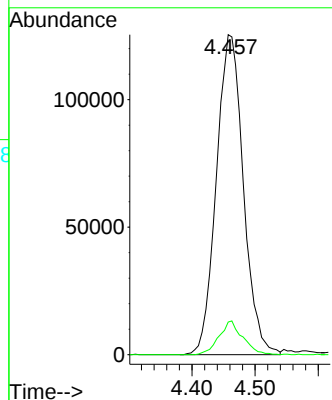
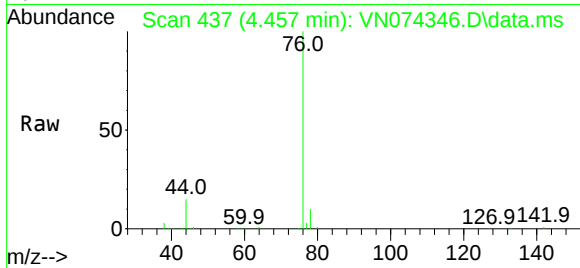




#17
Carbon Disulfide
Concen: 23.825 ug/l
RT: 4.457 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

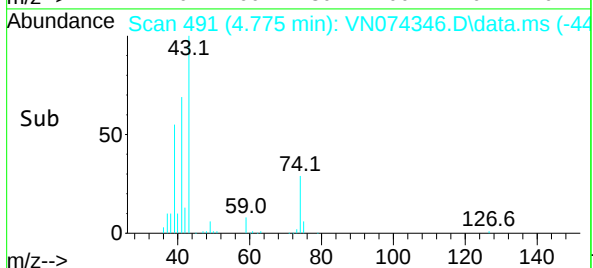
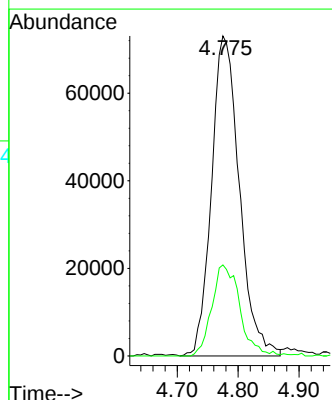
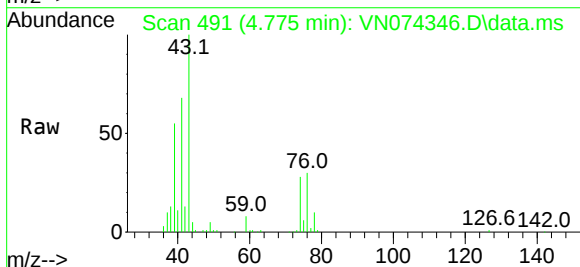
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

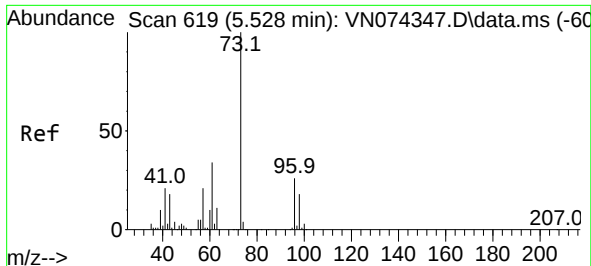
Tgt Ion: 76 Resp: 373333
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 19.287 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 43 Resp: 232174
Ion Ratio Lower Upper
43 100
74 28.6 21.6 32.4

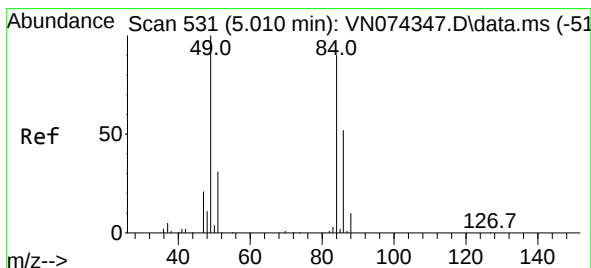
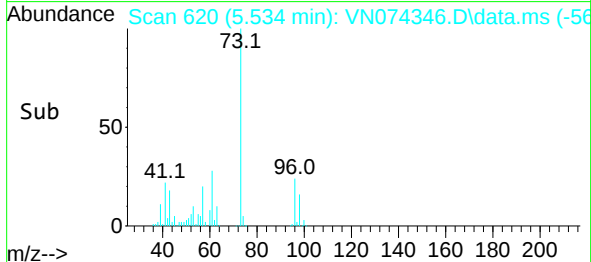
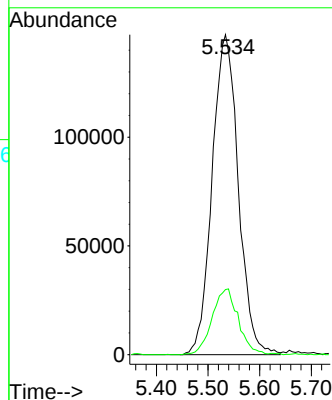
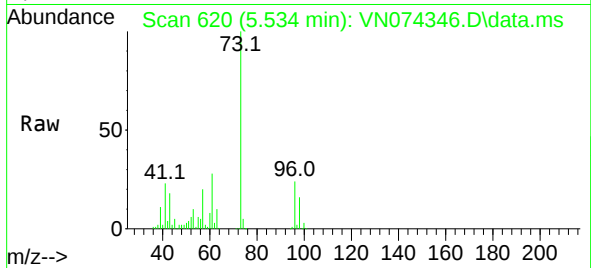




#19
Methyl tert-butyl Ether
Concen: 21.474 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

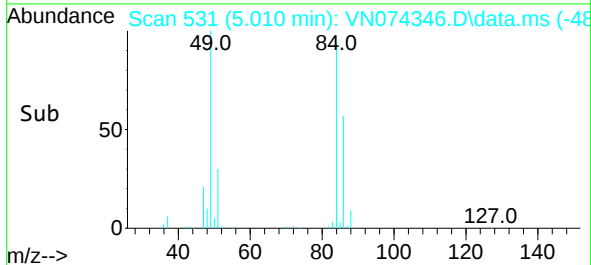
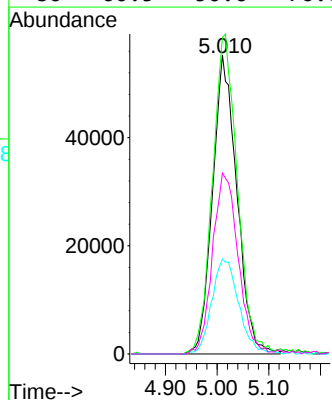
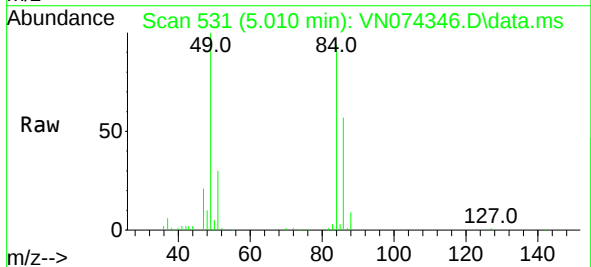
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

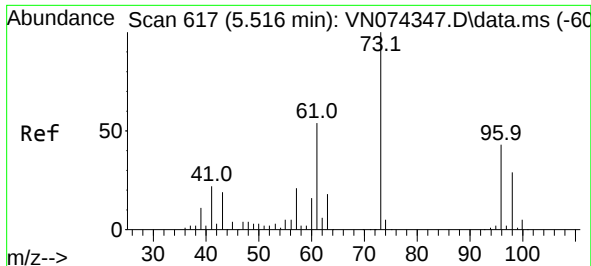
Tgt Ion: 73 Resp: 517209
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4



#20
Methylene Chloride
Concen: 21.324 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 84 Resp: 180512
Ion Ratio Lower Upper
84 100
49 105.8 88.3 132.5
51 31.8 28.2 42.2
86 60.5 50.6 76.0

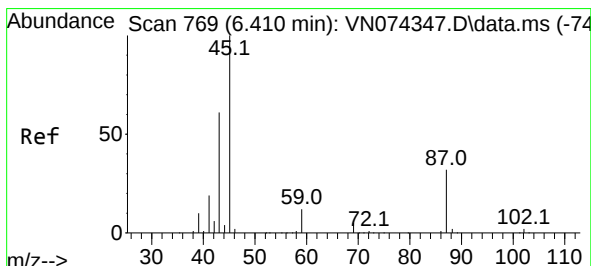
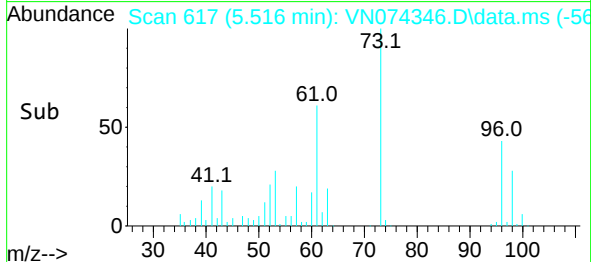
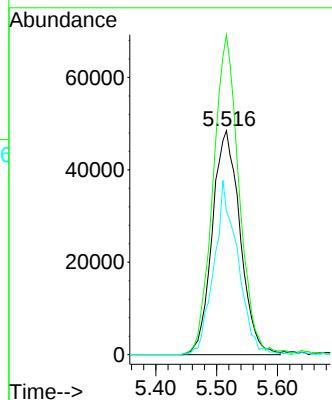
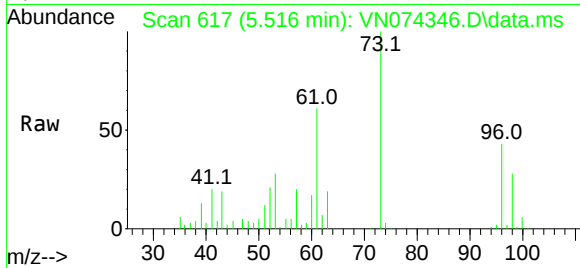




#21
trans-1,2-Dichloroethene
Concen: 21.870 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

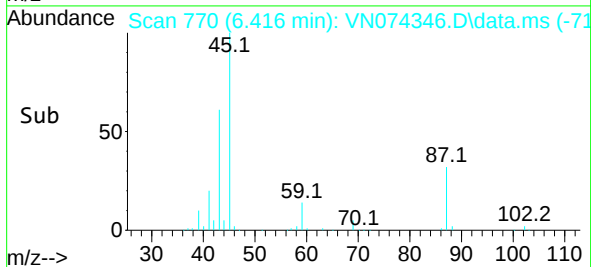
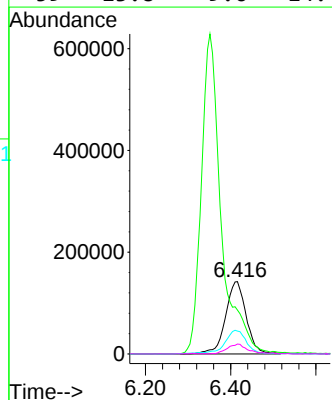
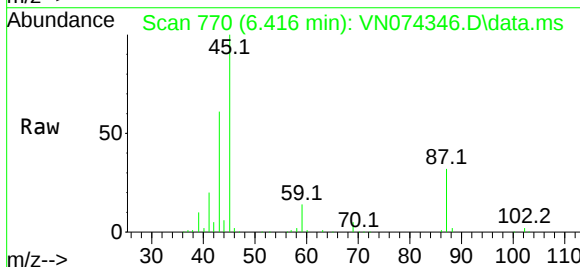
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

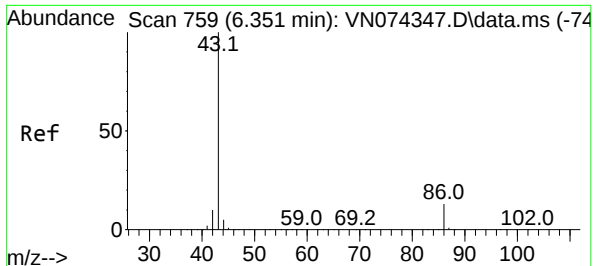
Tgt Ion: 96 Resp: 153879
Ion Ratio Lower Upper
96 100
61 142.9 105.8 158.8
98 64.1 50.3 75.5



#22
Diisopropyl ether
Concen: 20.949 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 45 Resp: 478013
Ion Ratio Lower Upper
45 100
43 60.3 46.6 70.0
87 31.3 24.3 36.5
59 13.8 9.6 14.4

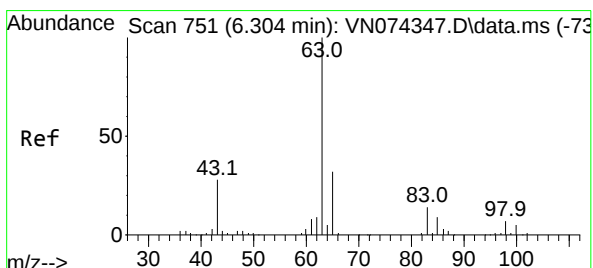
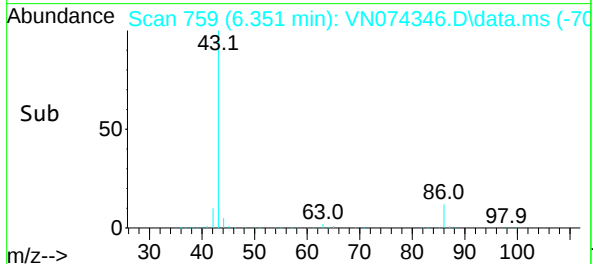
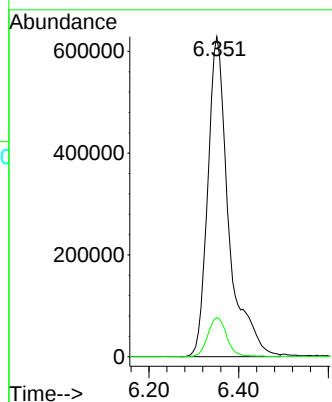
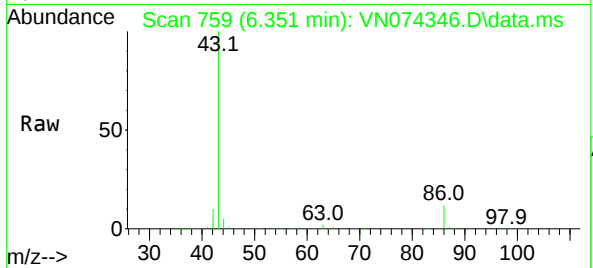




#23
 Vinyl Acetate
 Concen: 102.762 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. -0.000 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

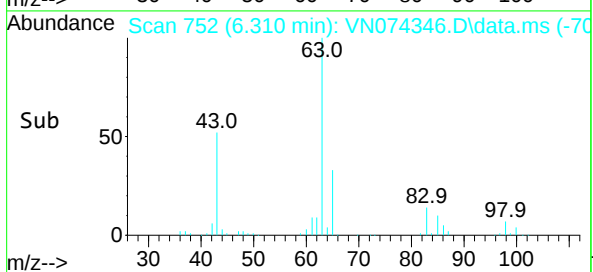
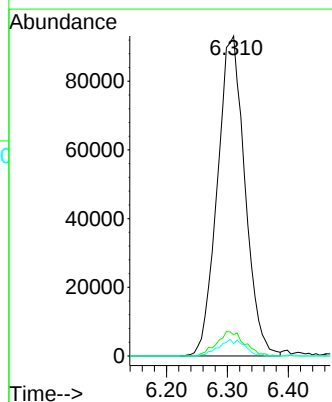
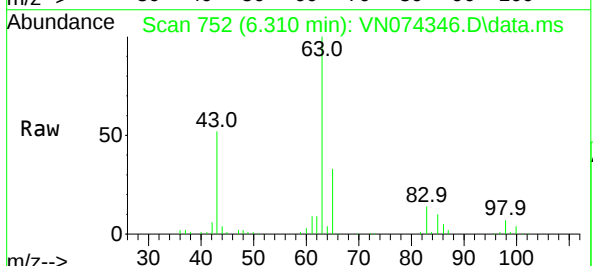
Instrument :
 MSVOA_N
 ClientSampleId :
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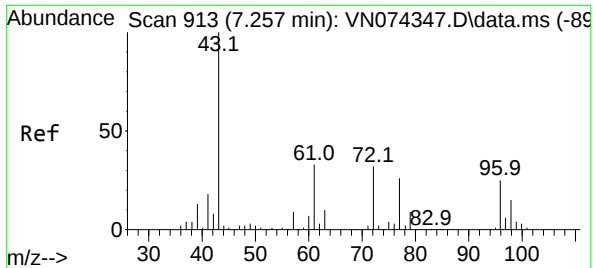
Tgt Ion: 43 Resp: 2032622
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.0 15.0



#24
 1,1-Dichloroethane
 Concen: 21.146 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

Tgt Ion: 63 Resp: 293198
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 103.084 ug/l

RT: 7.257 min Scan# 913

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

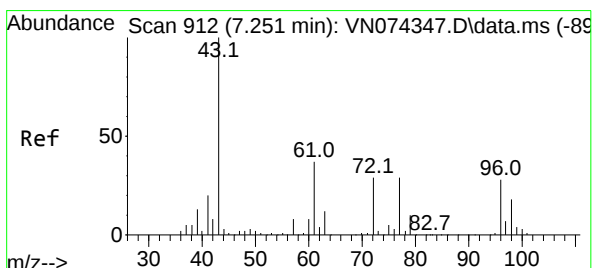
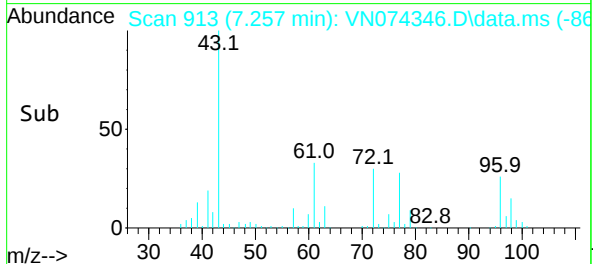
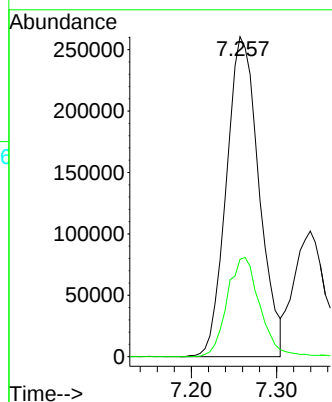
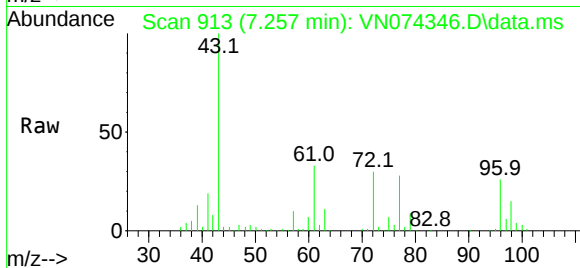
VSTDICC020

Tgt Ion: 43 Resp: 694380

Ion Ratio Lower Upper

43 100

72 30.5 23.7 35.5



#26

2,2-Dichloropropane

Concen: 20.032 ug/l

RT: 7.251 min Scan# 912

Delta R.T. -0.000 min

Lab File: VN074346.D

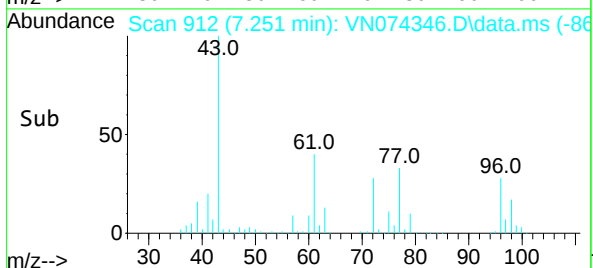
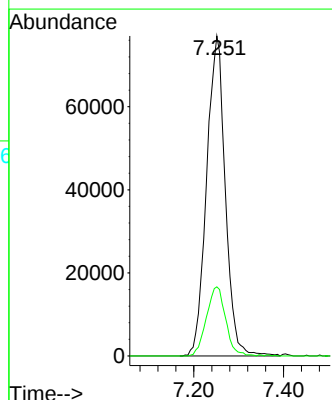
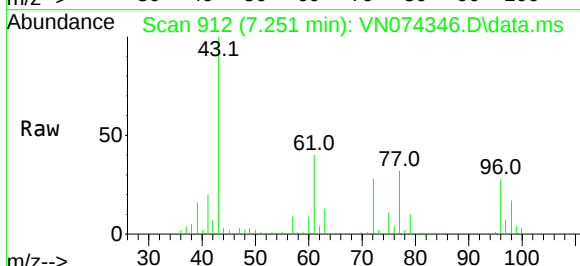
Acq: 06 Sep 2022 17:46

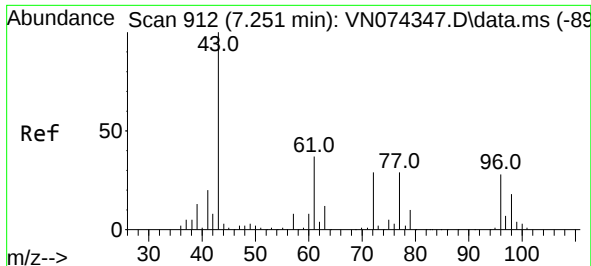
Tgt Ion: 77 Resp: 223057

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.2

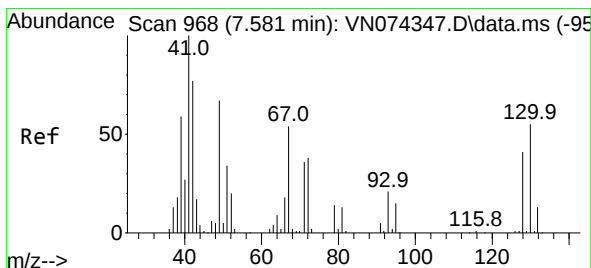
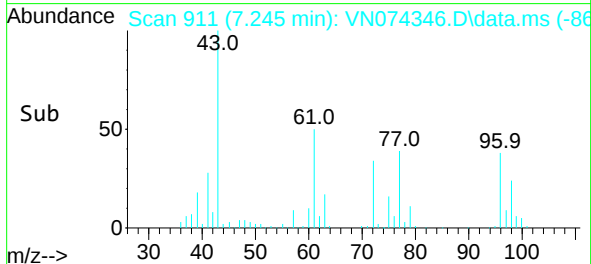
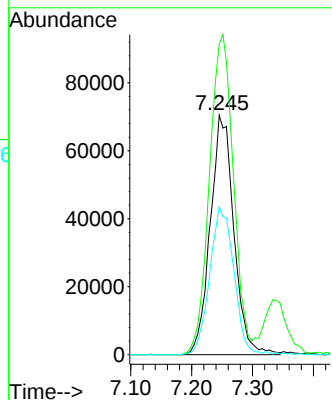
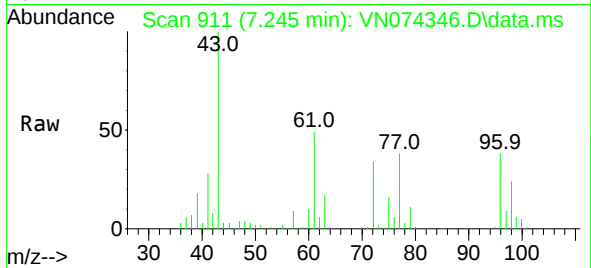




#27
 cis-1,2-Dichloroethene
 Concen: 21.245 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

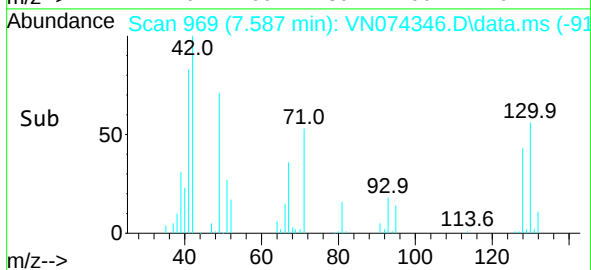
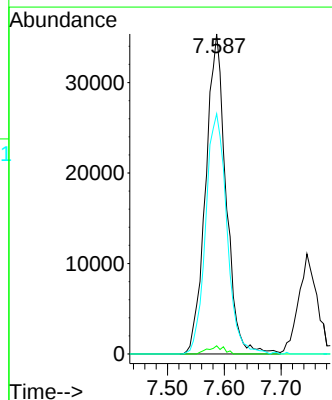
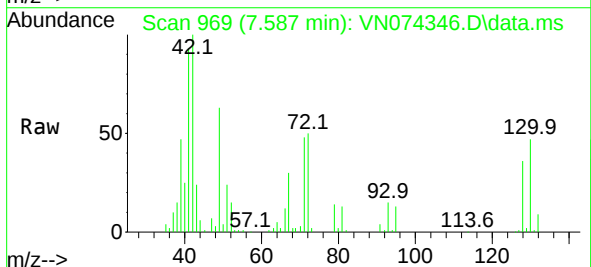
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

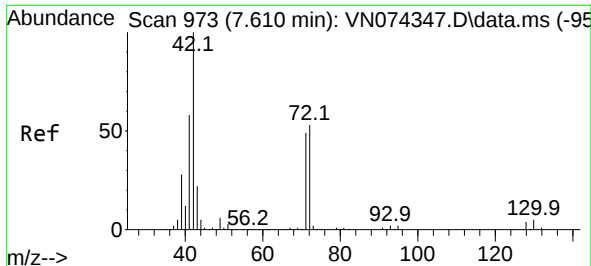
Tgt Ion: 96 Resp: 189616
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 280.6
 98 63.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 18.440 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

Tgt Ion: 49 Resp: 88037
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 77.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 105.871 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

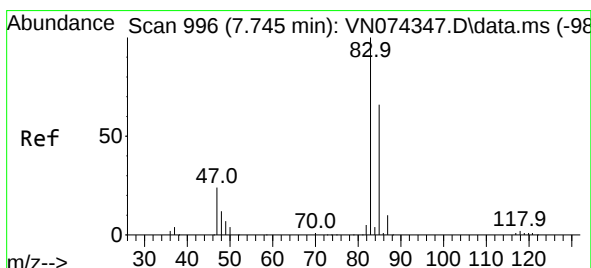
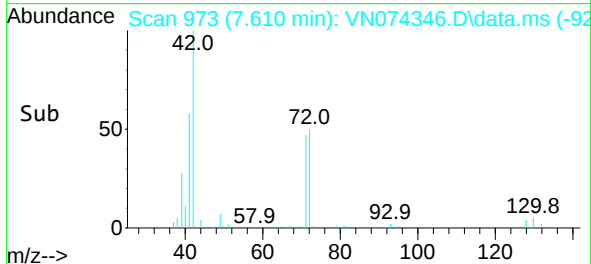
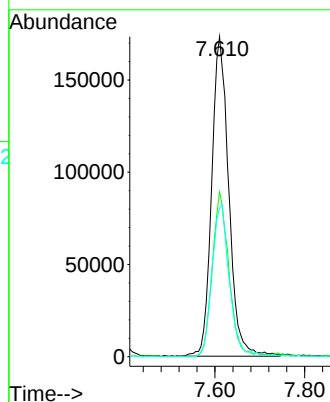
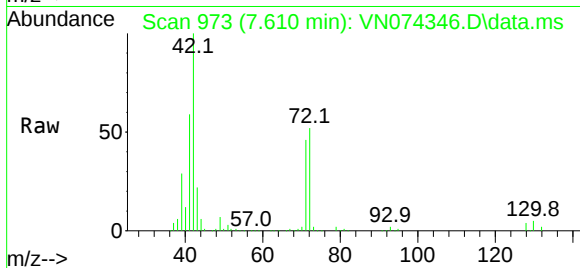
Tgt Ion: 42 Resp: 457898

Ion Ratio Lower Upper

42 100

72 50.4 39.7 59.5

71 48.5 36.6 55.0



#30

Chloroform

Concen: 21.166 ug/l

RT: 7.751 min Scan# 997

Delta R.T. 0.006 min

Lab File: VN074346.D

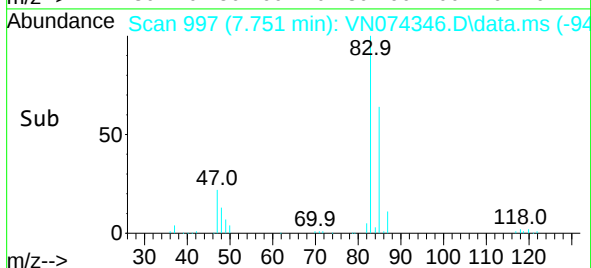
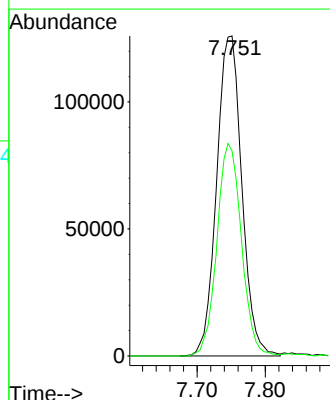
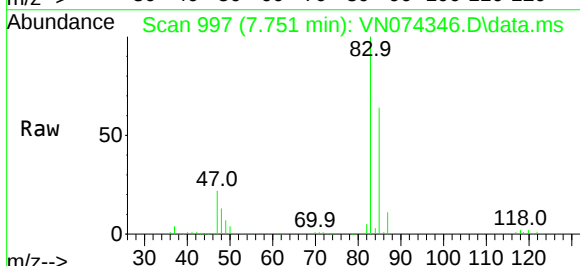
Acq: 06 Sep 2022 17:46

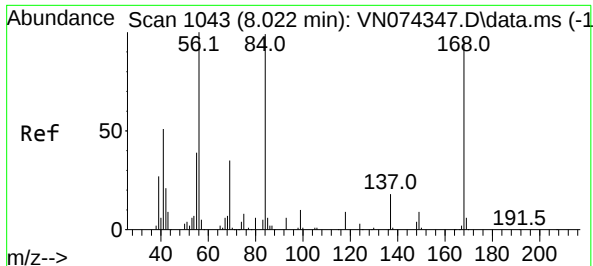
Tgt Ion: 83 Resp: 324313

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.8





#31

Cyclohexane

Concen: 20.521 ug/l

RT: 8.028 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

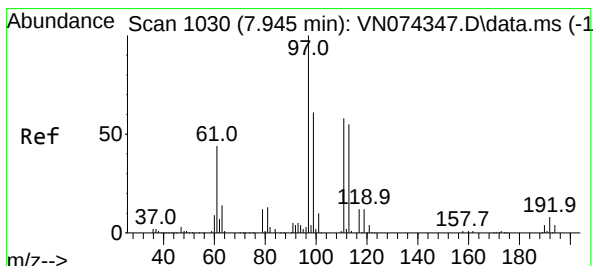
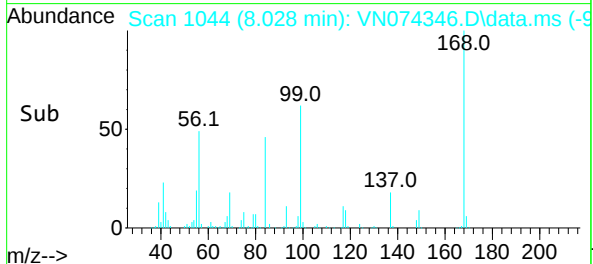
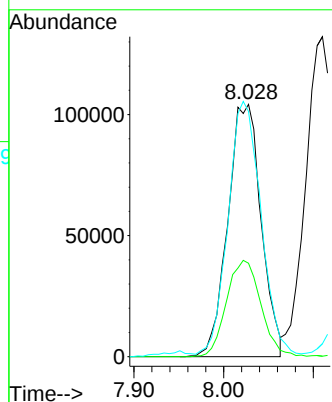
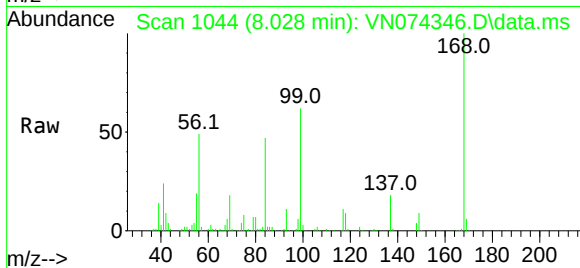
Tgt Ion: 56 Resp: 268193

Ion Ratio Lower Upper

56 100

69 37.0 27.8 41.8

84 94.8 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 21.610 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

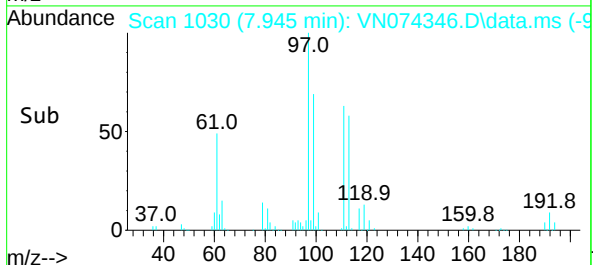
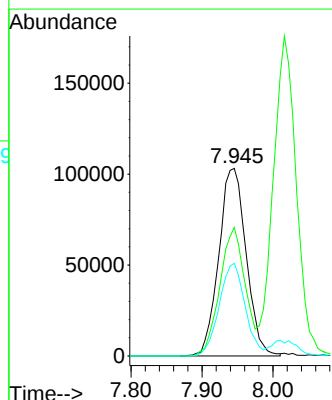
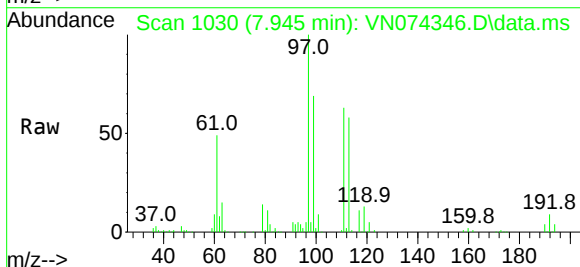
Tgt Ion: 97 Resp: 275251

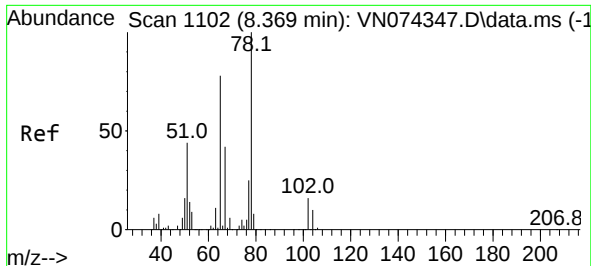
Ion Ratio Lower Upper

97 100

99 63.2 50.6 76.0

61 46.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 20.251 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

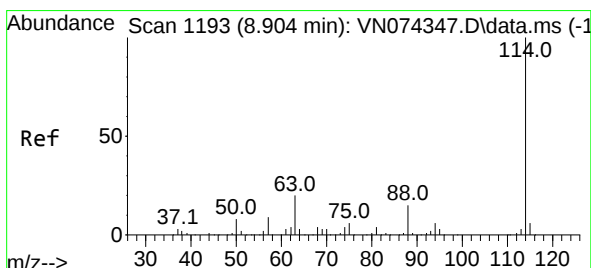
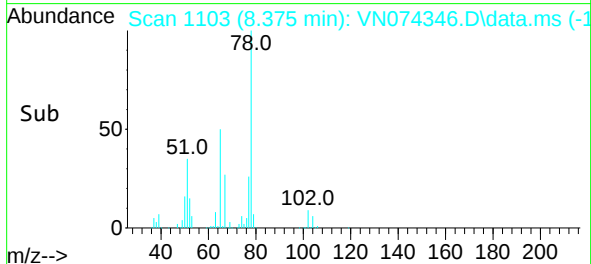
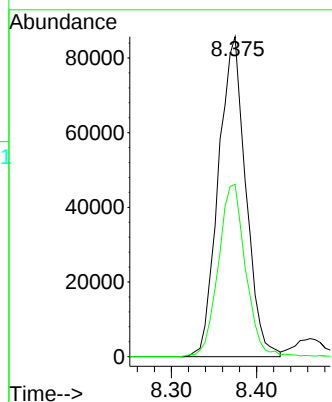
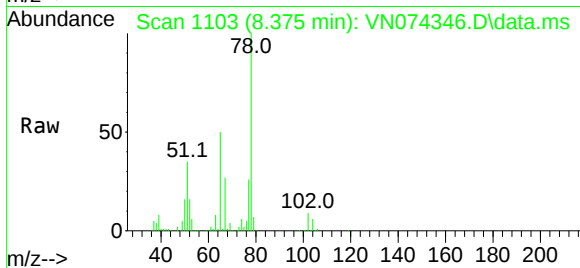
VSTDICC020

Tgt Ion: 65 Resp: 191303

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

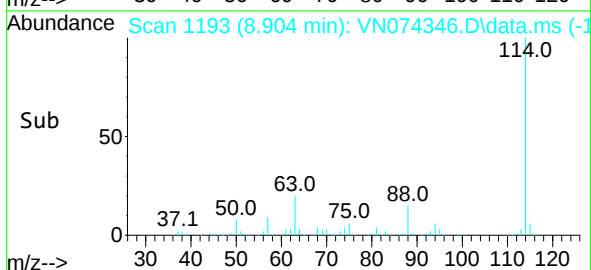
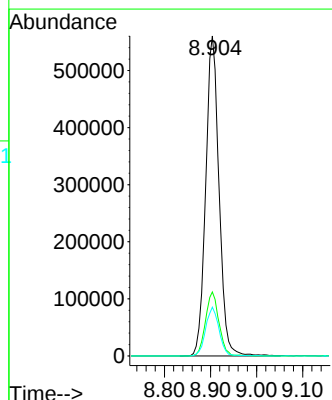
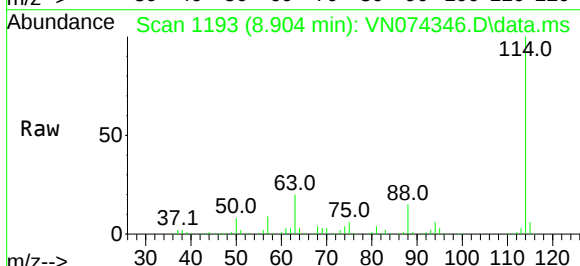
Tgt Ion: 114 Resp: 1132287

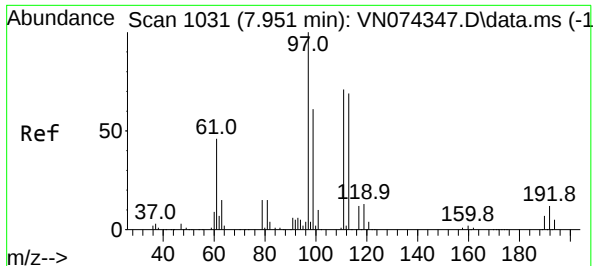
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 21.038 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

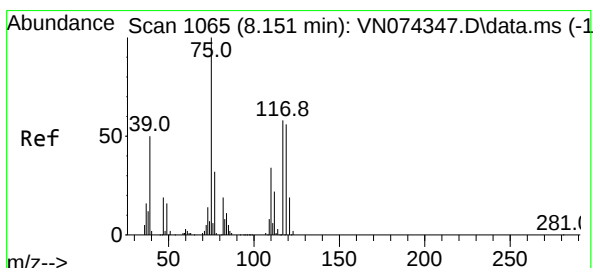
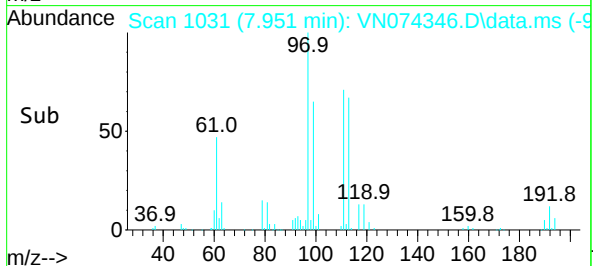
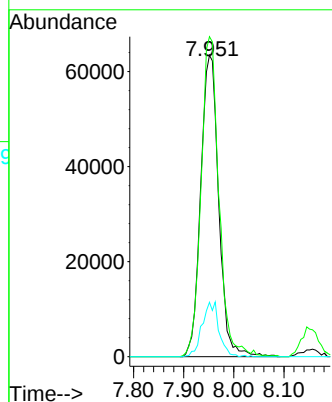
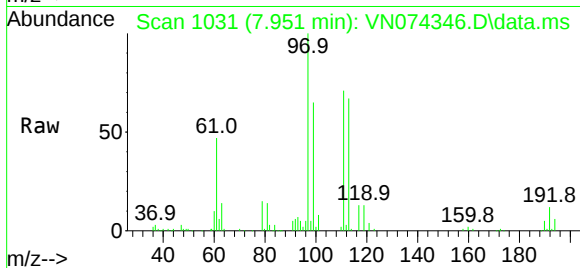
Tgt Ion:113 Resp: 158484

Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.0

192 16.9 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 20.537 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

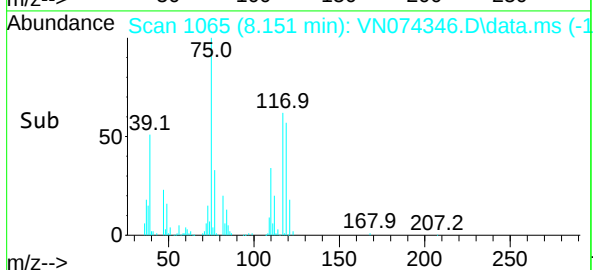
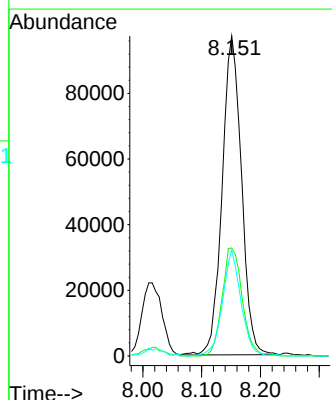
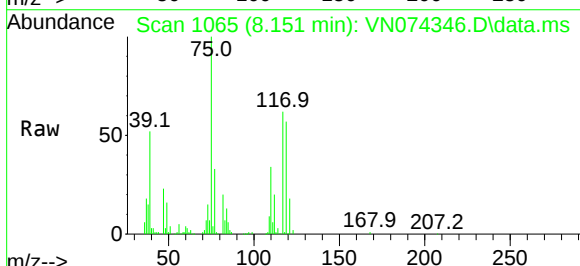
Tgt Ion: 75 Resp: 222143

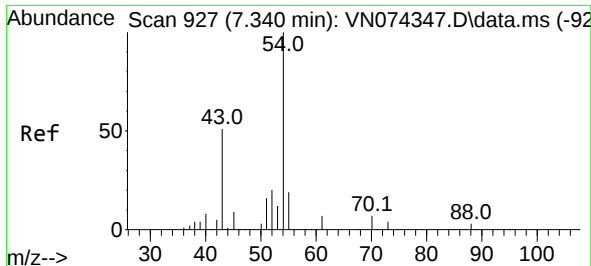
Ion Ratio Lower Upper

75 100

110 35.5 18.3 54.8

77 31.7 25.1 37.7

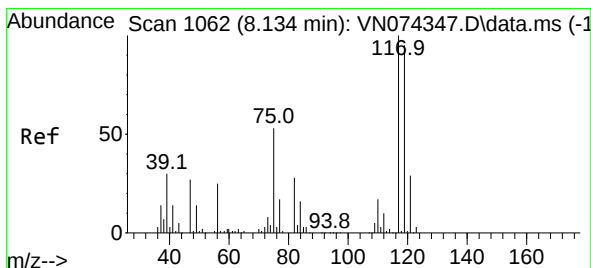
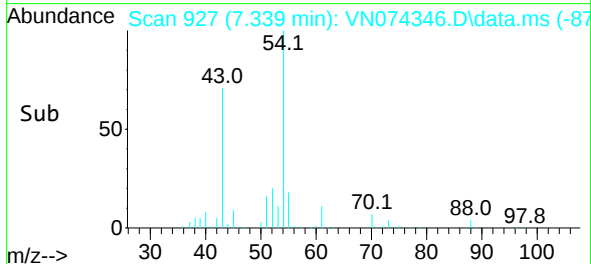
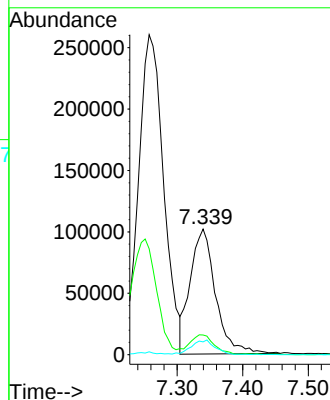
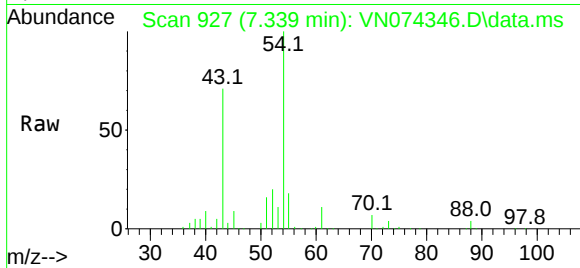




#37
Ethyl Acetate
Concen: 19.550 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

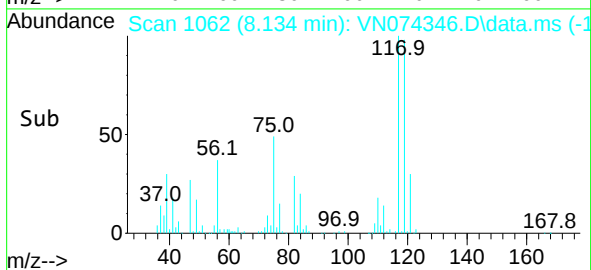
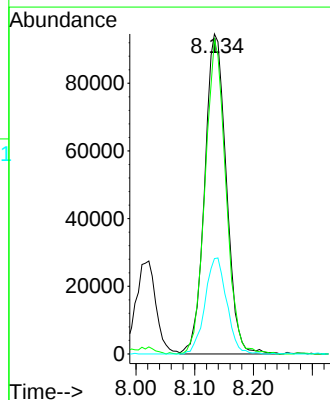
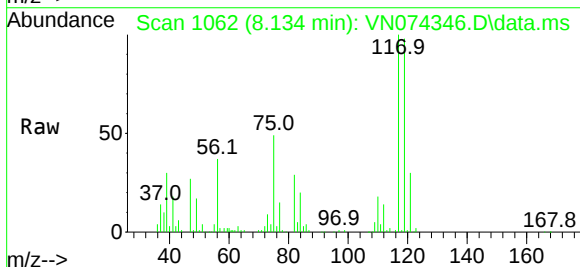
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

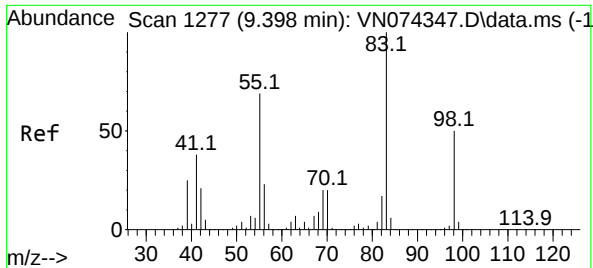
Tgt Ion: 43 Resp: 273516
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 11.1 9.3 13.9



#38
Carbon Tetrachloride
Concen: 21.860 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 117 Resp: 241245
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.8
121 29.8 24.6 37.0





#39

Methylcyclohexane

Concen: 21.532 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

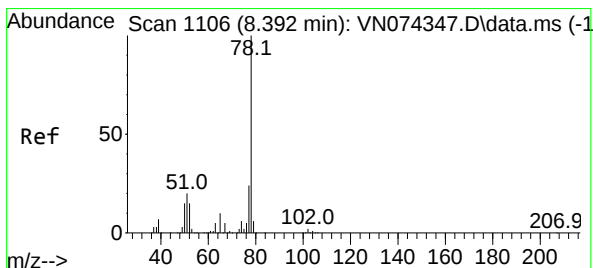
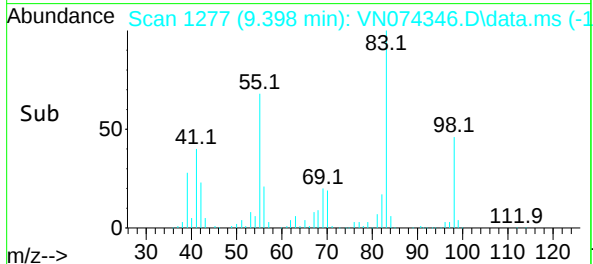
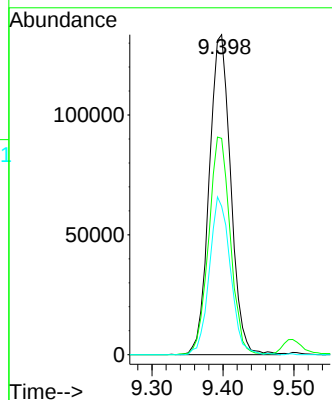
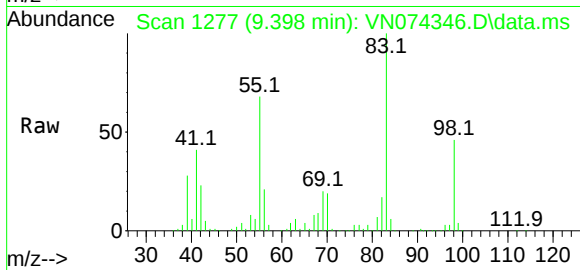
Tgt Ion: 83 Resp: 281034

Ion Ratio Lower Upper

83 100

55 67.3 57.8 86.8

98 46.3 39.4 59.2



#40

Benzene

Concen: 20.843 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VN074346.D

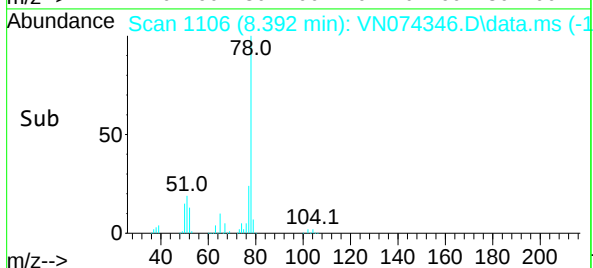
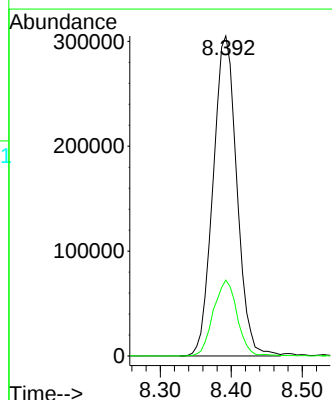
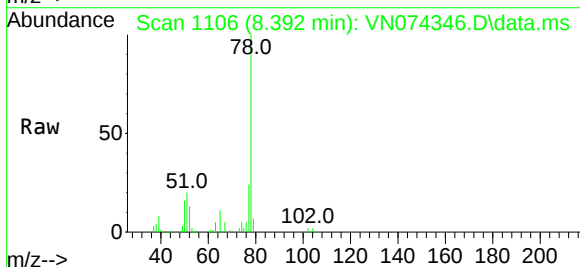
Acq: 06 Sep 2022 17:46

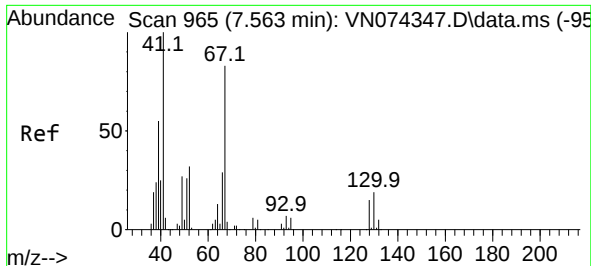
Tgt Ion: 78 Resp: 708292

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

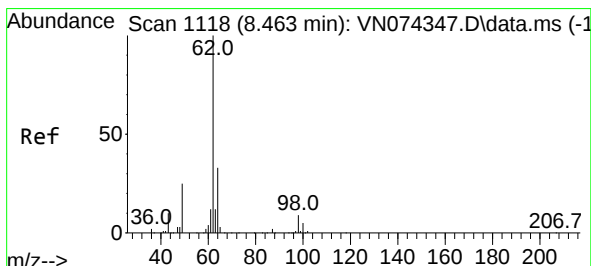
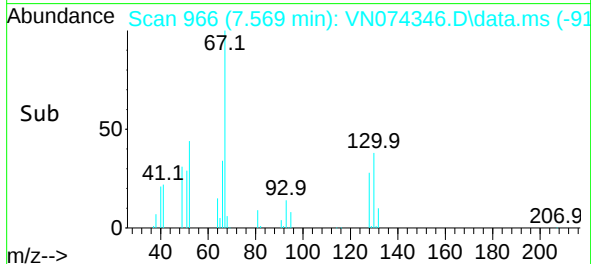
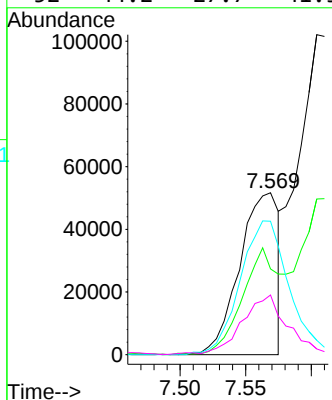
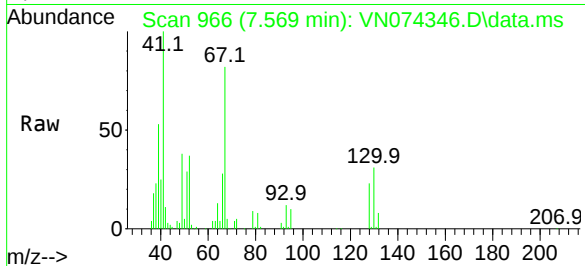




#41
Methacrylonitrile
Concen: 16.691 ug/l
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

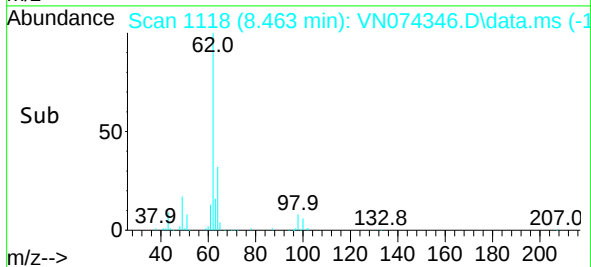
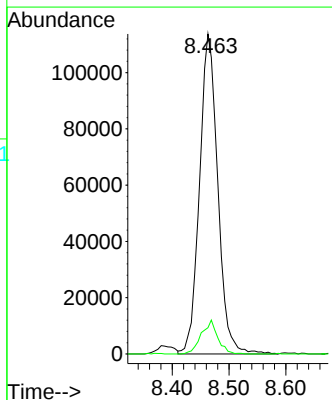
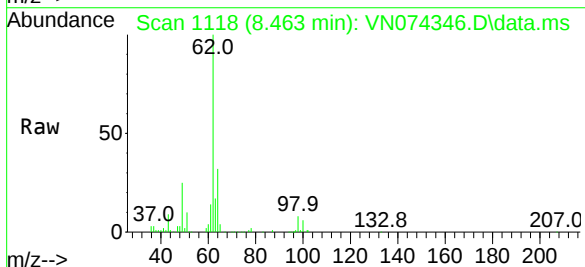
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

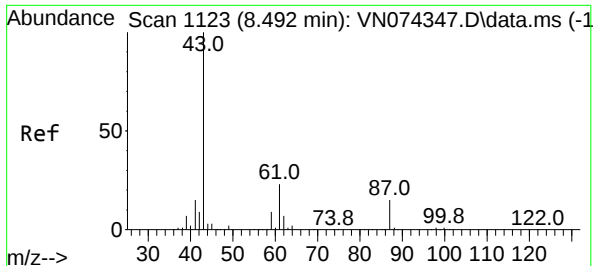
Tgt Ion: 41 Resp: 107419
Ion Ratio Lower Upper
41 100
39 66.0 48.6 73.0
67 104.7 73.4 110.2
52 44.2 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 20.118 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 62 Resp: 254102
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4

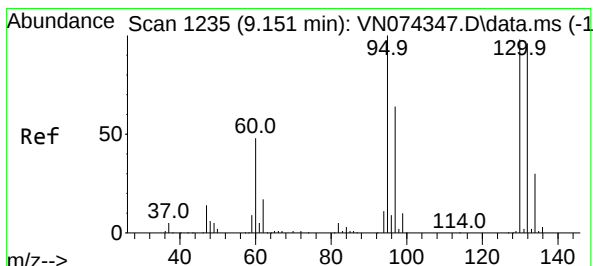
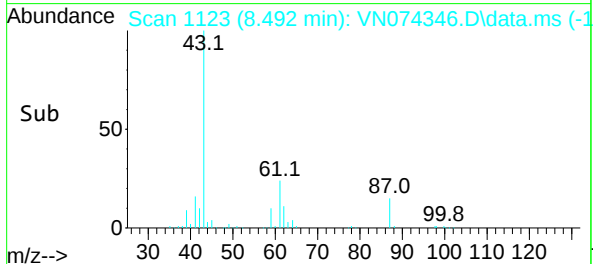
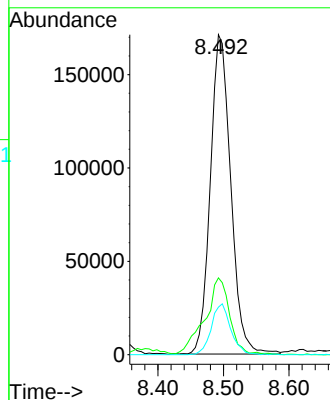
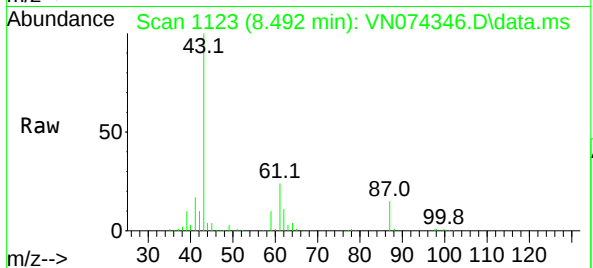




#43
Isopropyl Acetate
Concen: 18.430 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

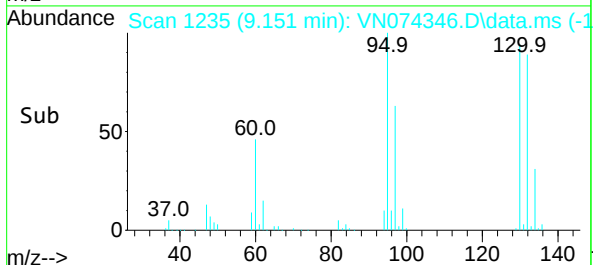
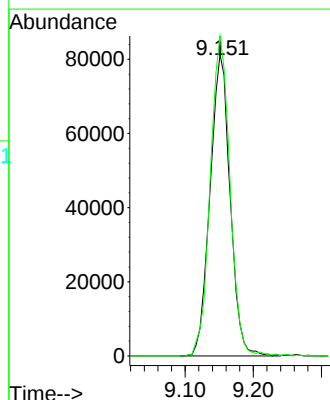
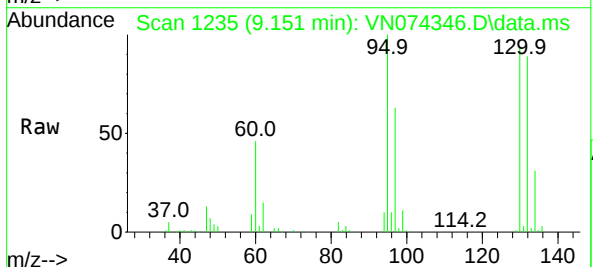
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

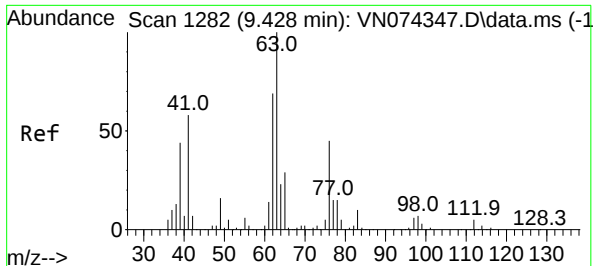
Tgt Ion: 43 Resp: 370366
Ion Ratio Lower Upper
43 100
61 29.4 21.9 32.9
87 15.1 12.0 18.0



#44
Trichloroethene
Concen: 20.439 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion:130 Resp: 166344
Ion Ratio Lower Upper
130 100
95 106.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.064 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

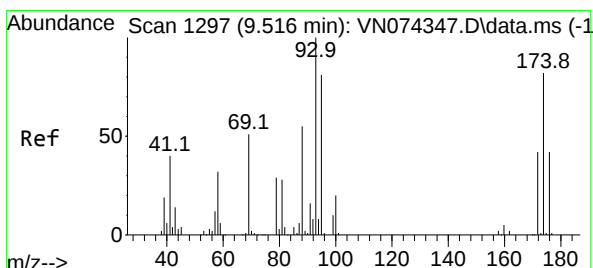
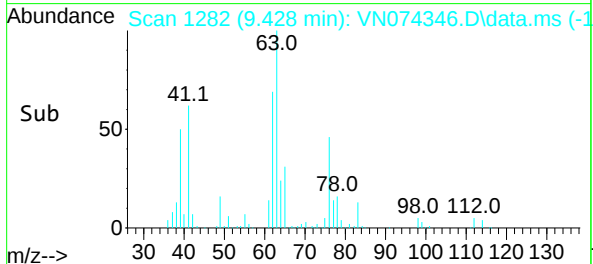
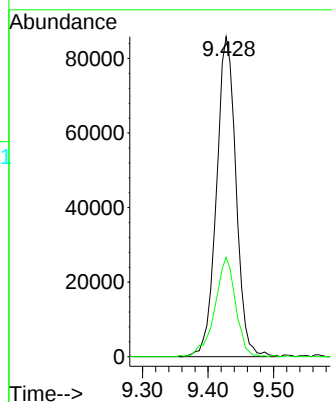
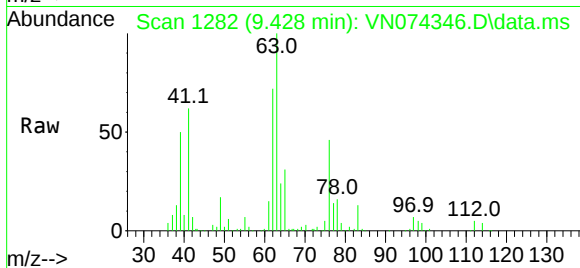
VSTDICC020

Tgt Ion: 63 Resp: 177241

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 20.396 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

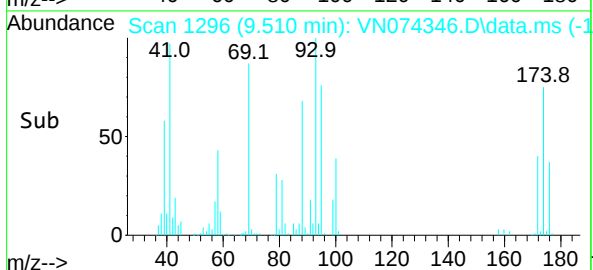
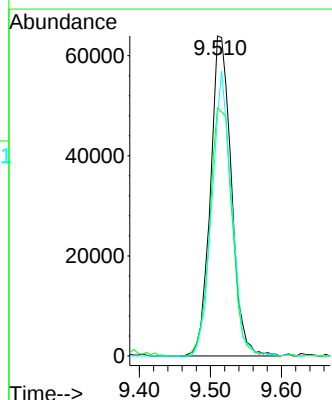
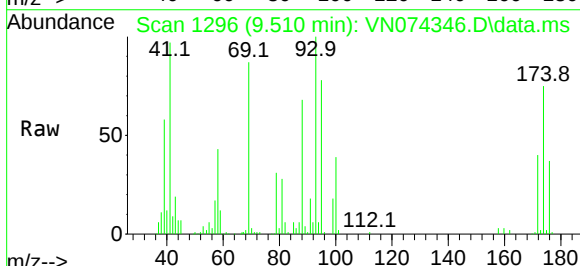
Tgt Ion: 93 Resp: 131023

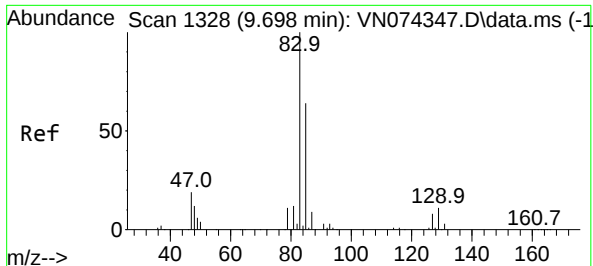
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

174 83.9 86.6 130.0#

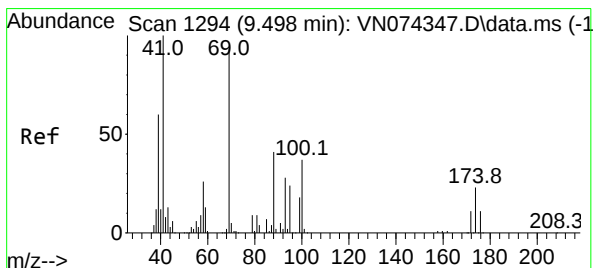
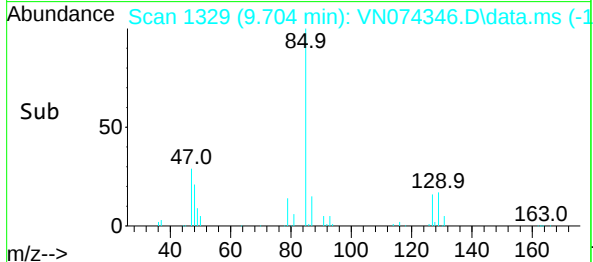
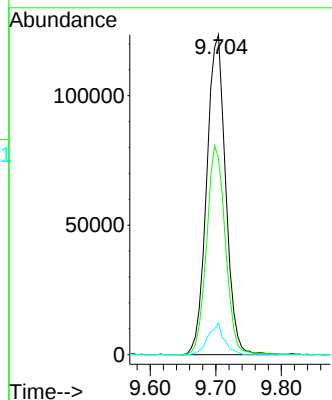
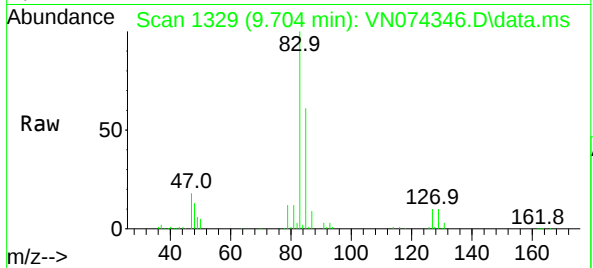




#47
Bromodichloromethane
Concen: 20.970 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

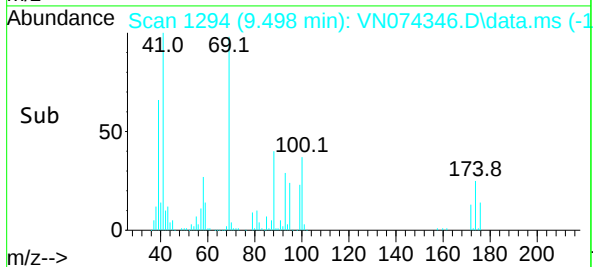
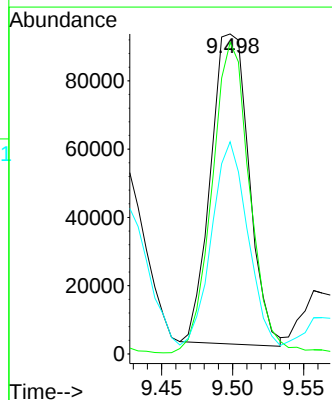
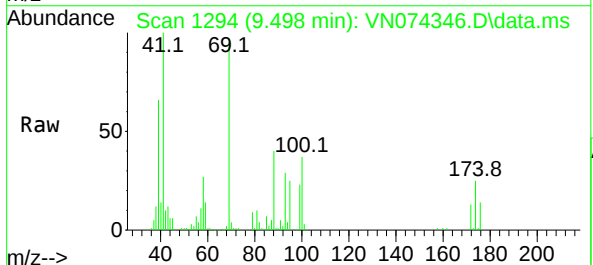
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

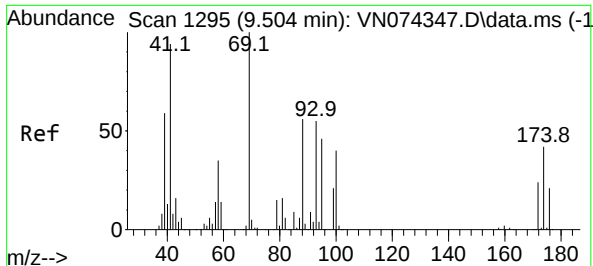
Tgt Ion: 83 Resp: 248339
Ion Ratio Lower Upper
83 100
85 61.5 50.5 75.7
127 9.9 6.8 10.2



#48
Methyl methacrylate
Concen: 19.059 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 41 Resp: 171026
Ion Ratio Lower Upper
41 100
69 99.5 74.7 112.1
39 66.8 45.6 68.4

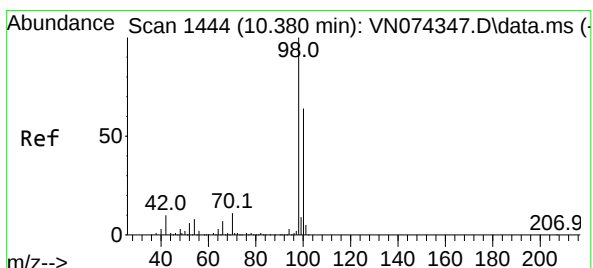
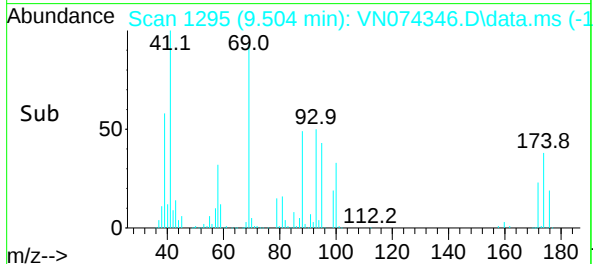
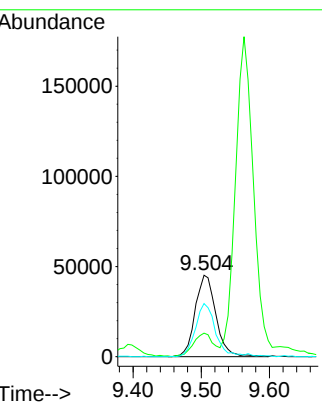
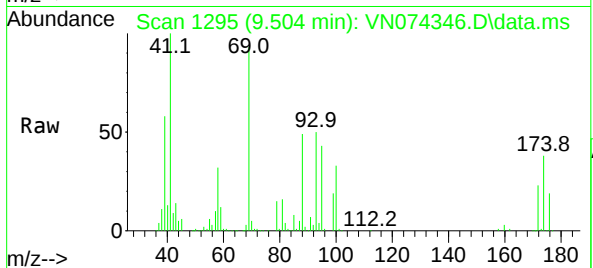




#49
1,4-Dioxane
Concen: 410.208 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

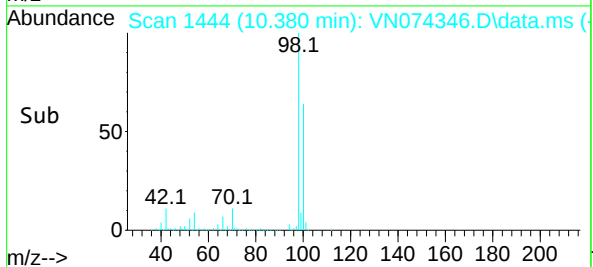
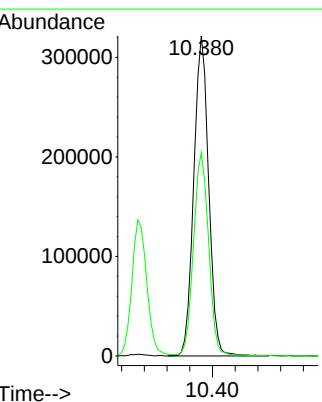
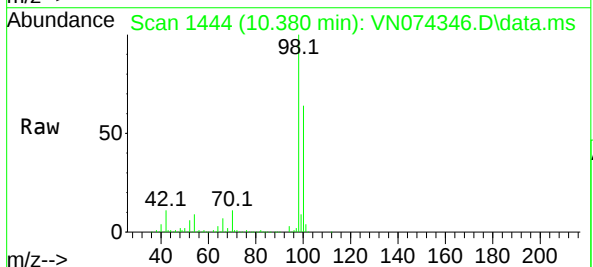
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

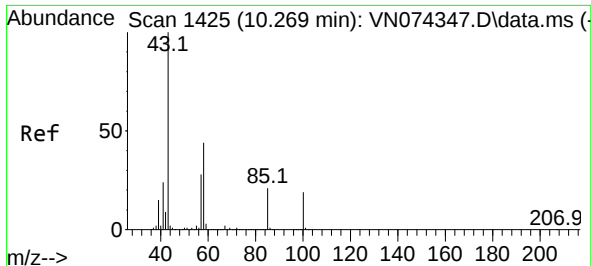
Tgt Ion: 88 Resp: 95663
Ion Ratio Lower Upper
88 100
43 28.6 20.2 30.4
58 64.3 54.2 81.4



#50
Toluene-d8
Concen: 19.918 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 98 Resp: 583403
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

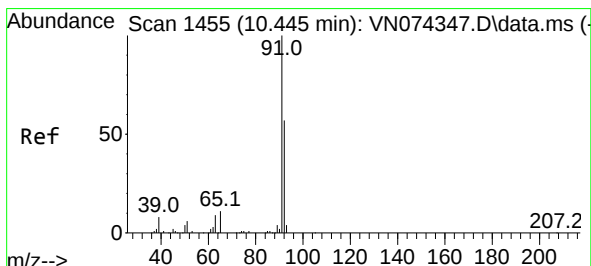
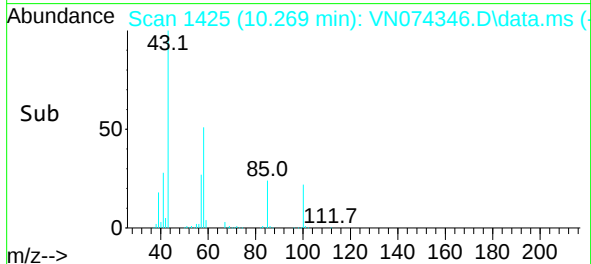
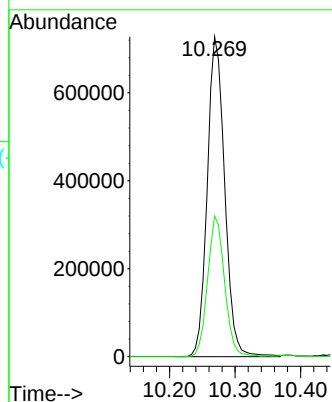
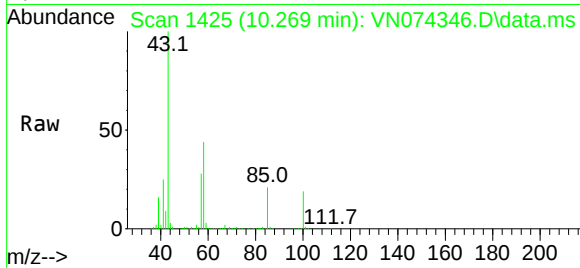




#51
4-Methyl-2-Pentanone
Concen: 96.117 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

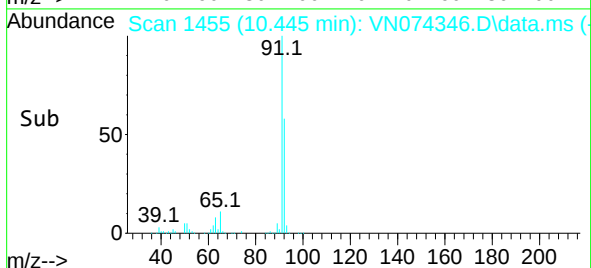
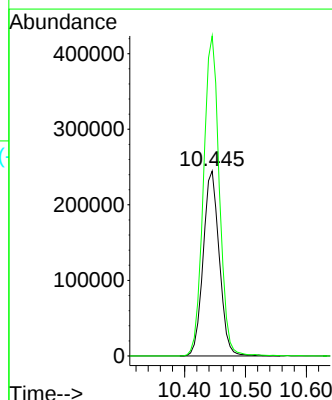
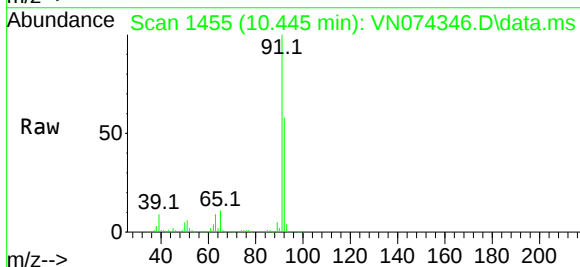
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

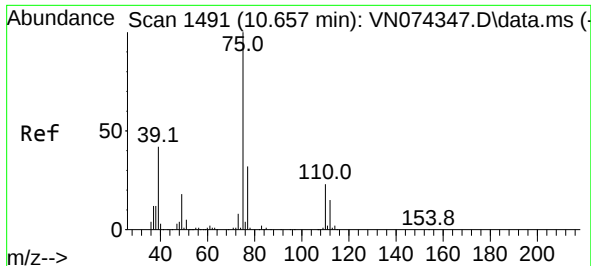
Tgt Ion: 43 Resp: 1345680
Ion Ratio Lower Upper
43 100
58 42.9 34.1 51.1



#52
Toluene
Concen: 21.364 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 92 Resp: 448219
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8

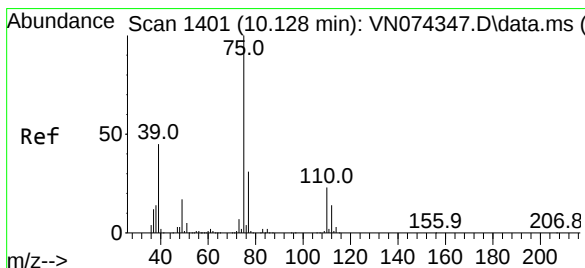
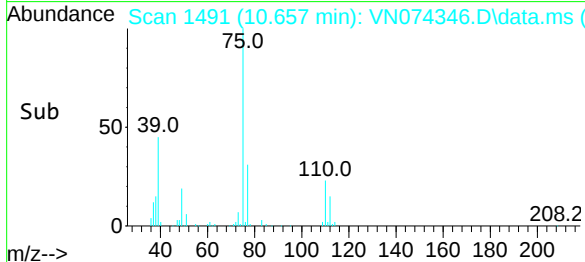
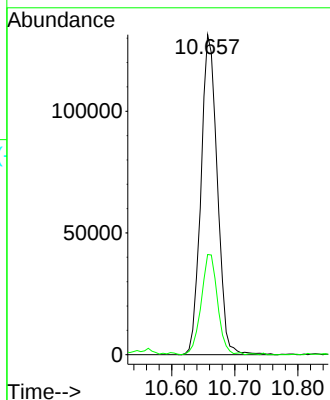
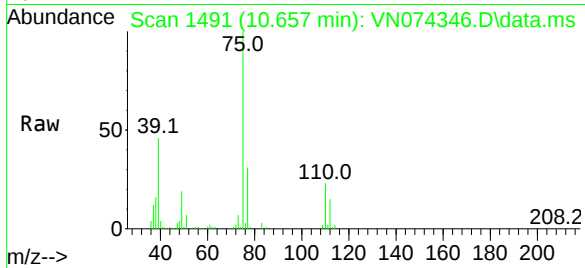




#53
 t-1,3-Dichloropropene
 Concen: 19.863 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

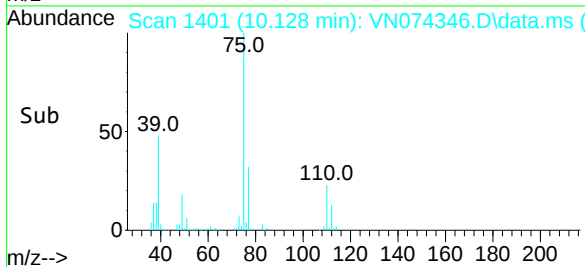
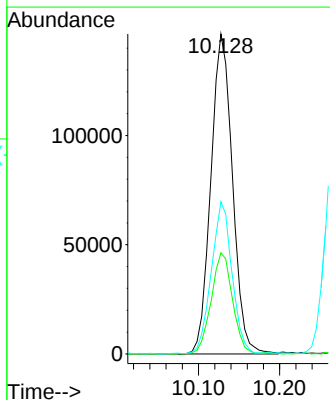
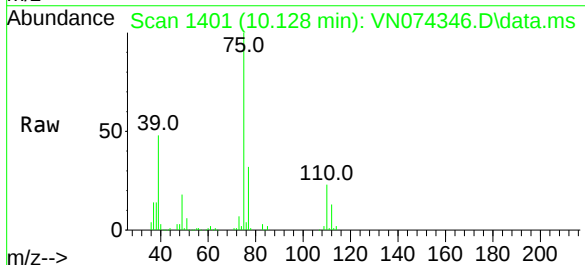
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

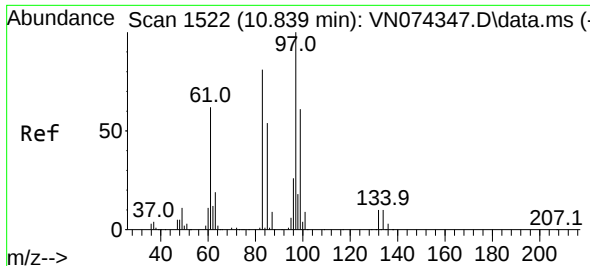
Tgt Ion: 75 Resp: 237043
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.603 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

Tgt Ion: 75 Resp: 271482
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 47.3 35.7 53.5



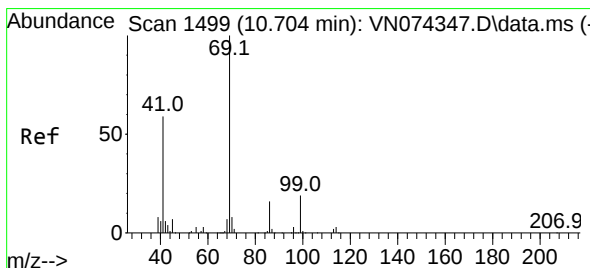
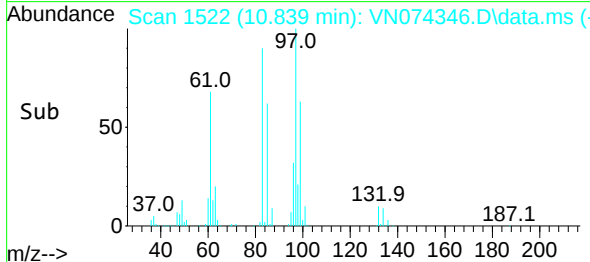
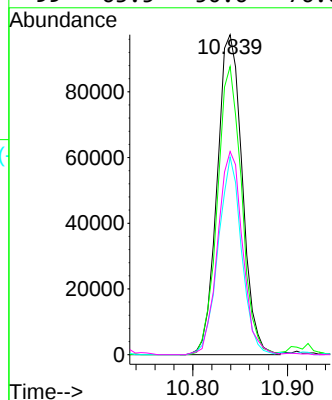
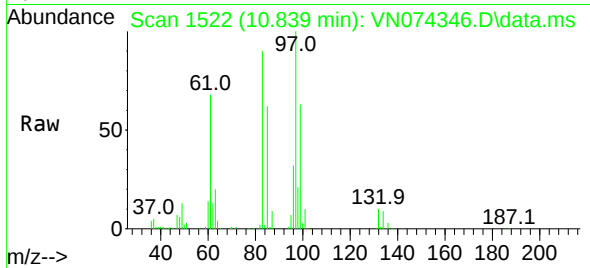


#55
1,1,2-Trichloroethane
Concen: 20.028 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 179240

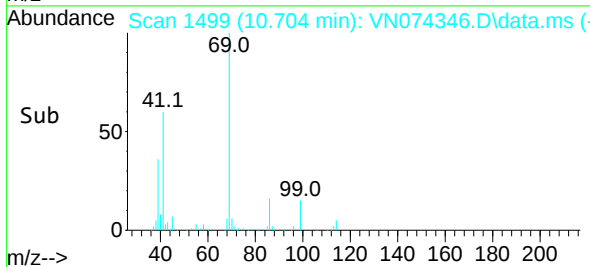
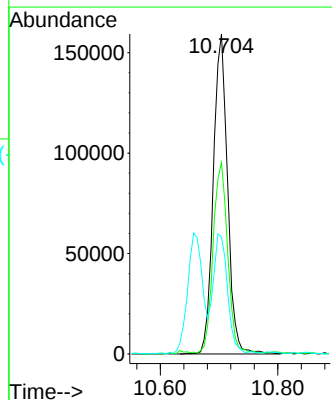
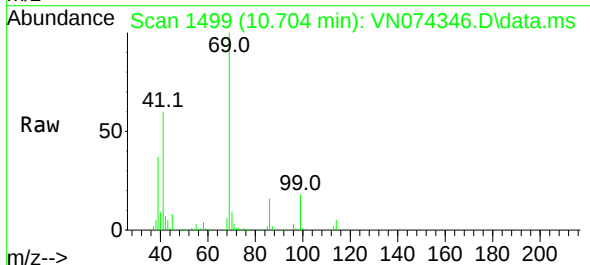
Ion	Ratio	Lower	Upper
97	100		
83	90.1	66.2	99.4
85	61.7	43.9	65.9
99	63.5	50.6	76.0

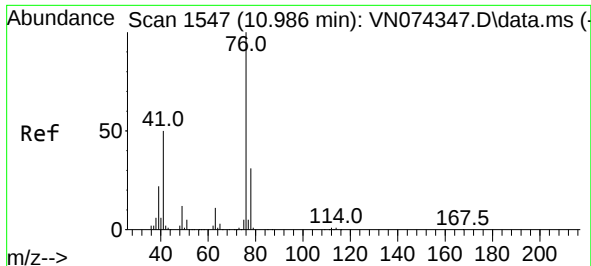


#56
Ethyl methacrylate
Concen: 20.072 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 69 Resp: 267463

Ion	Ratio	Lower	Upper
69	100		
41	60.6	47.8	71.6
39	37.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 19.914 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

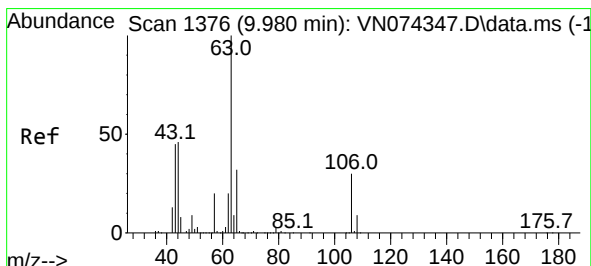
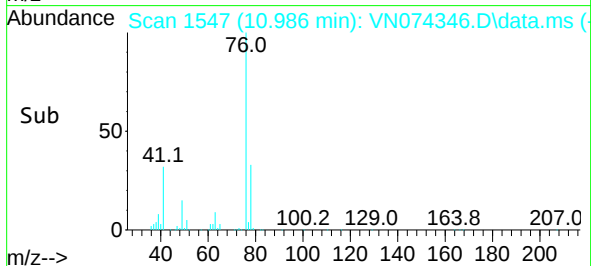
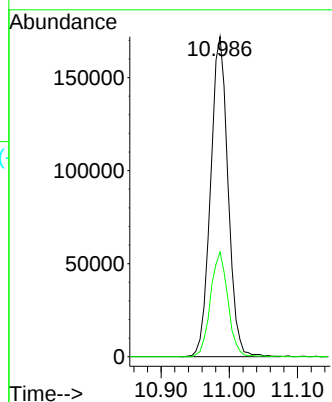
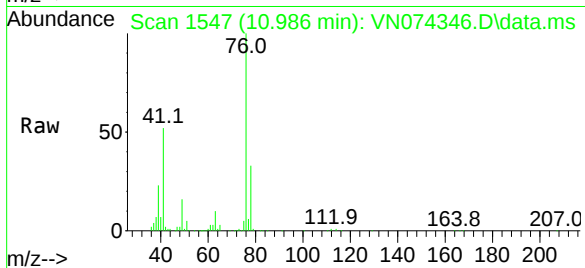
VSTDIC020

Tgt Ion: 76 Resp: 306503

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 96.099 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN074346.D

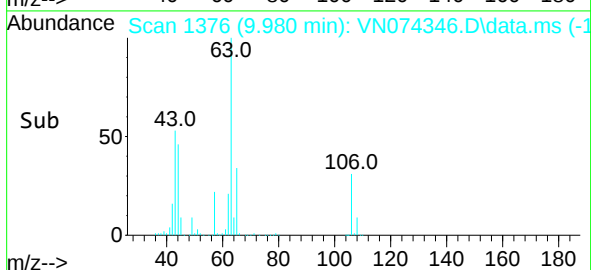
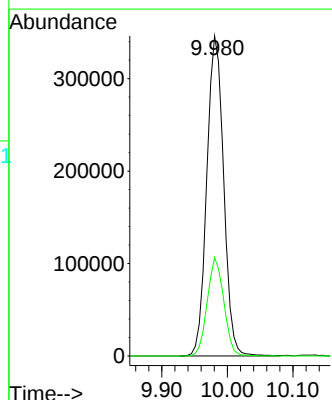
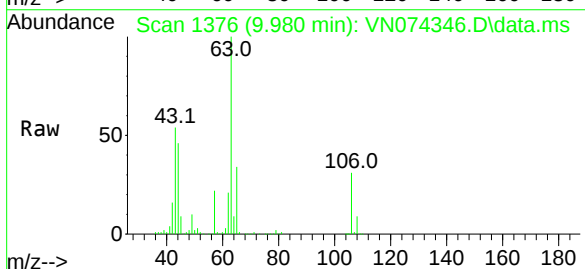
Acq: 06 Sep 2022 17:46

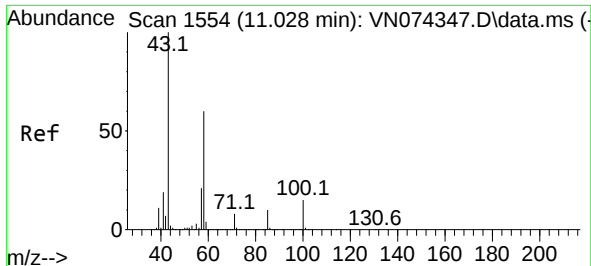
Tgt Ion: 63 Resp: 619085

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8

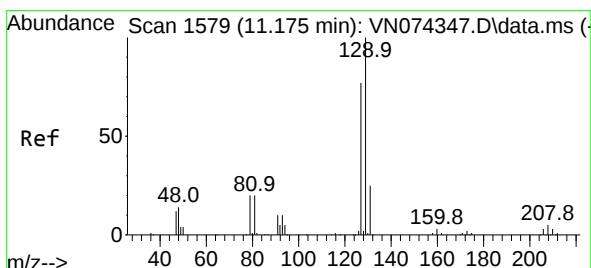
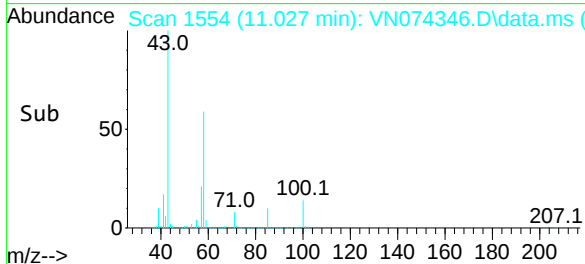
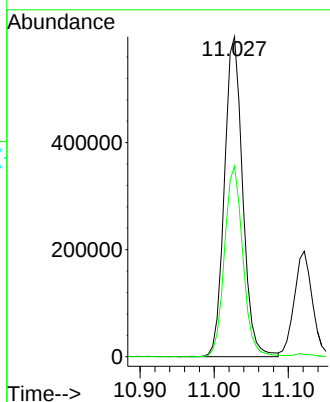
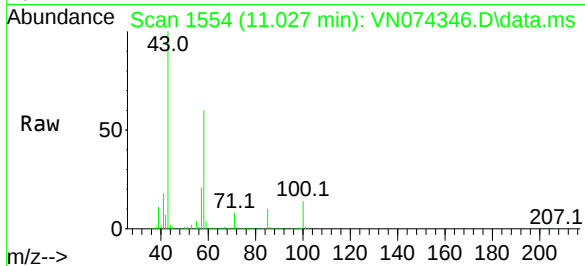




#59
2-Hexanone
Concen: 96.403 ug/l
RT: 11.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

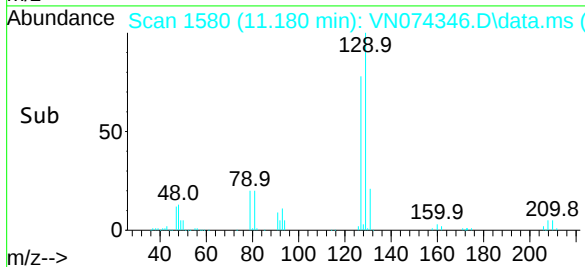
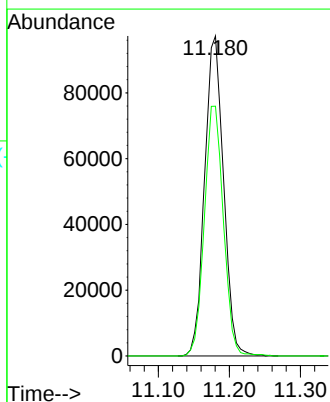
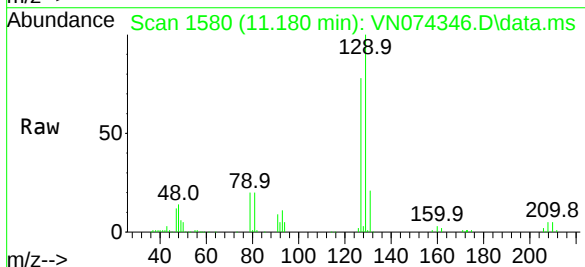
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

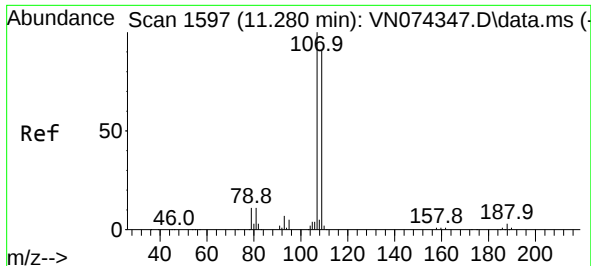
Tgt Ion: 43 Resp: 1021930
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1



#60
Dibromochloromethane
Concen: 20.098 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion:129 Resp: 180185
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4

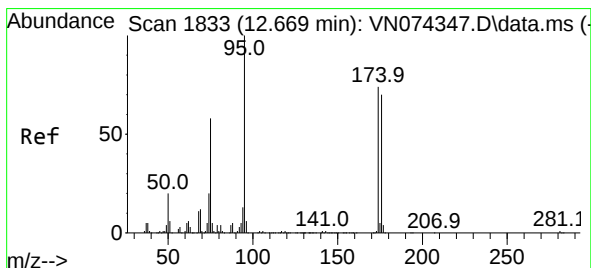
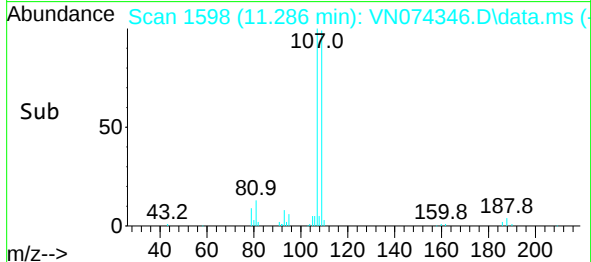
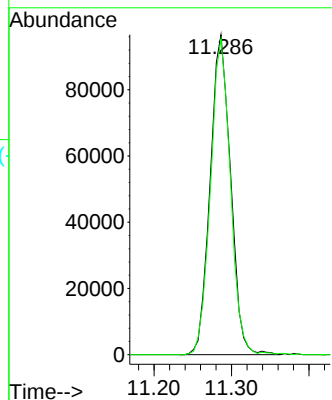
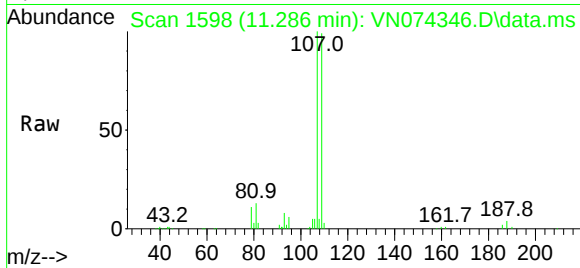




#61
1,2-Dibromoethane
Concen: 19.673 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

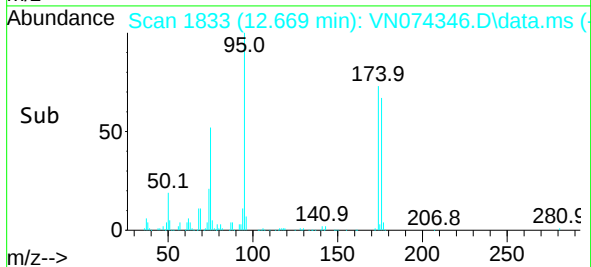
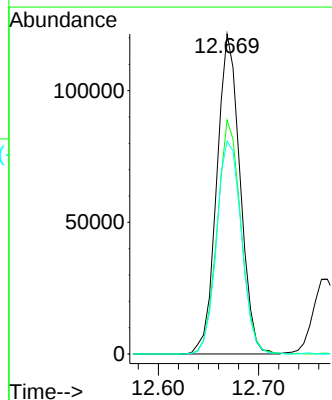
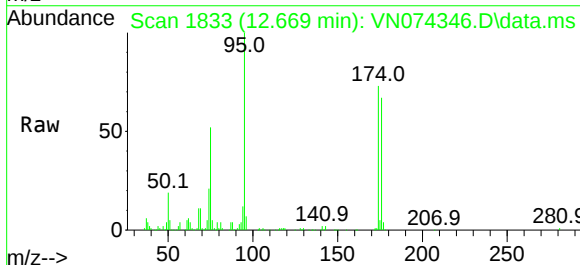
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

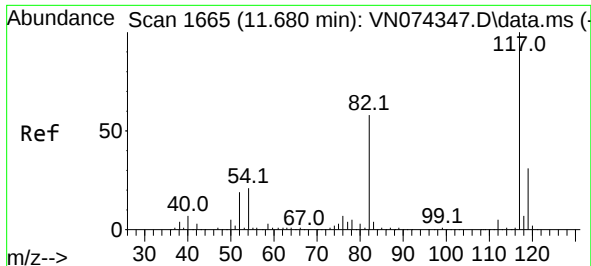
Tgt Ion:107 Resp: 177198
Ion Ratio Lower Upper
107 100
109 96.2 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 20.783 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 95 Resp: 195598
Ion Ratio Lower Upper
95 100
174 74.5 0.0 167.6
176 71.1 0.0 163.4

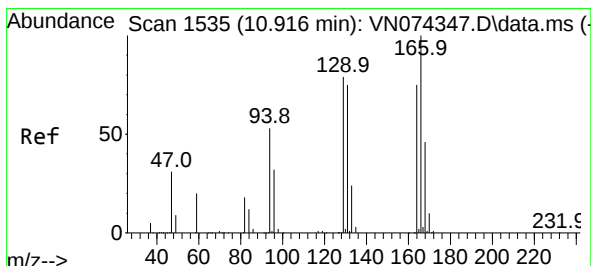
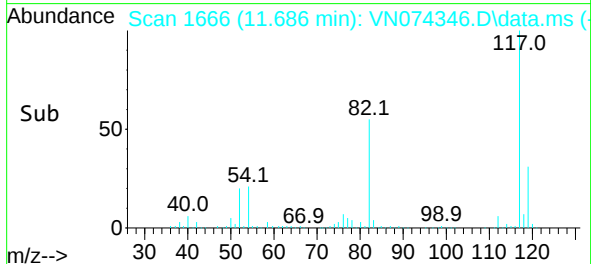
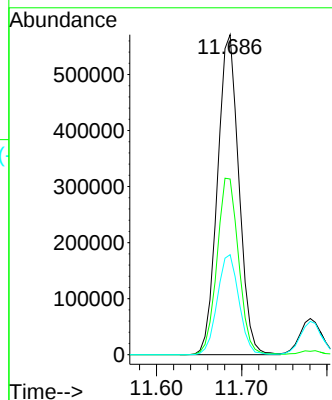
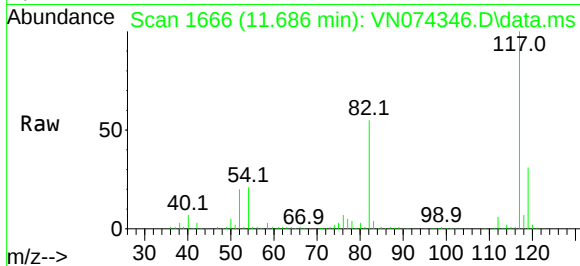




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

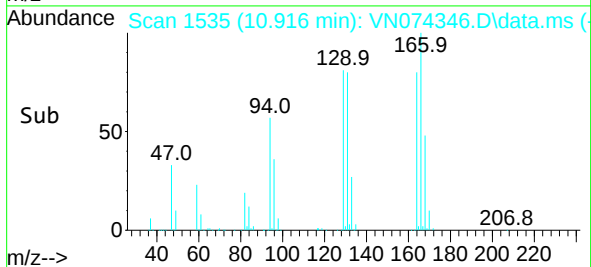
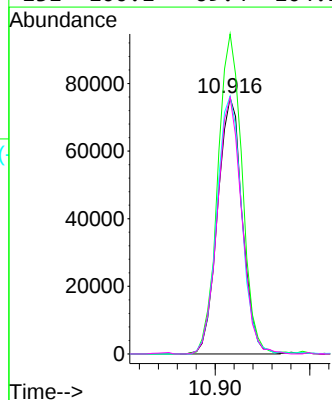
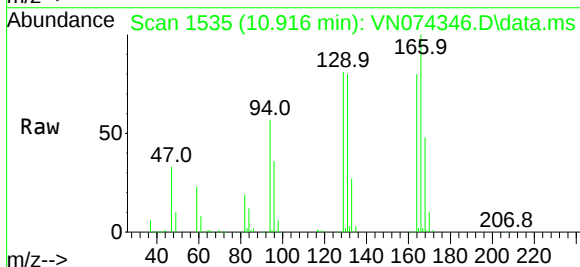
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

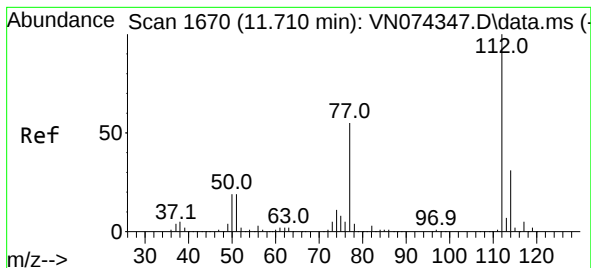
Tgt Ion:117 Resp: 996011
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 21.404 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion:164 Resp: 136814
Ion Ratio Lower Upper
164 100
166 124.8 104.2 156.2
129 100.6 73.9 110.9
131 100.1 69.4 104.2





#65

Chlorobenzene

Concen: 21.161 ug/l

RT: 11.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

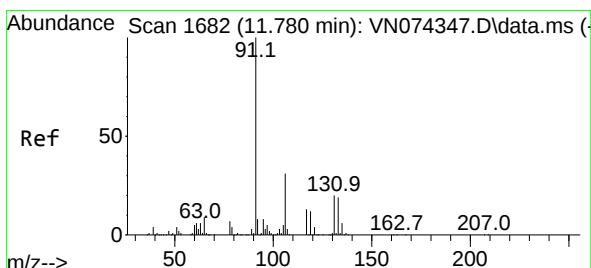
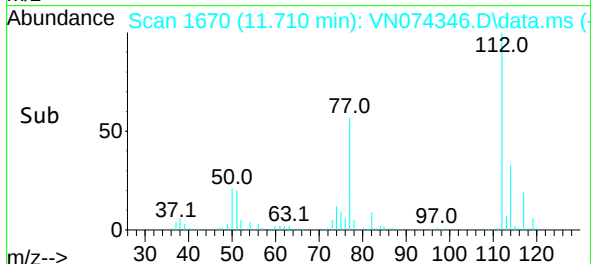
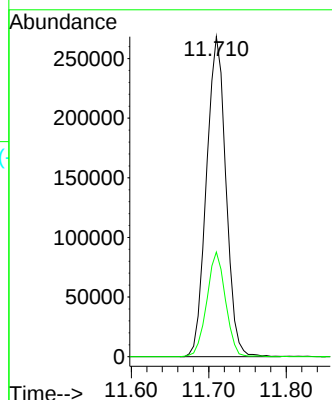
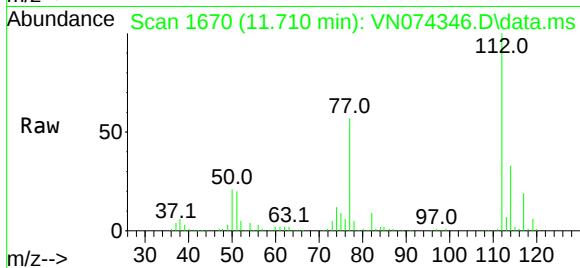
VSTDIC020

Tgt Ion:112 Resp: 468183

Ion Ratio Lower Upper

112 100

114 32.7 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.630 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

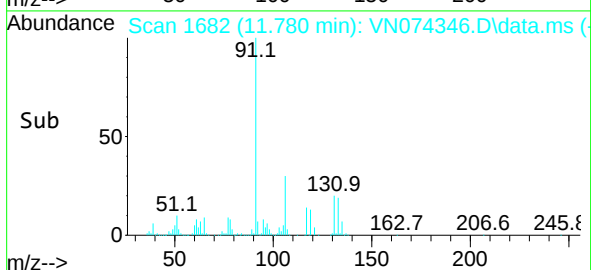
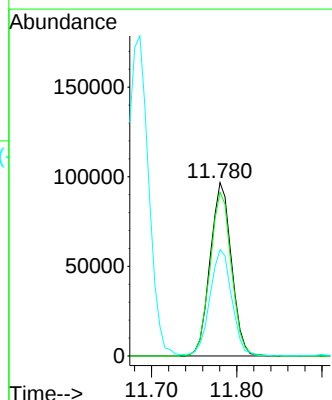
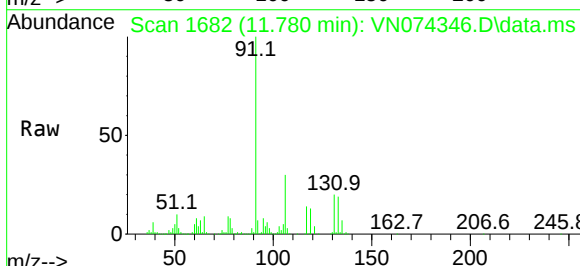
Tgt Ion:131 Resp: 167822

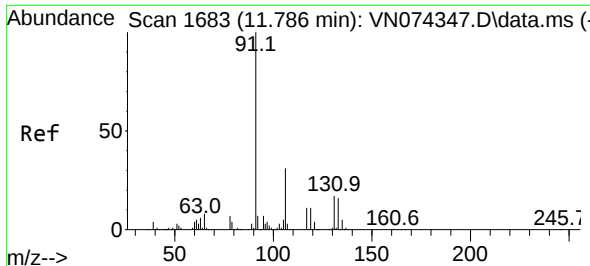
Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.4

119 62.8 33.4 100.2

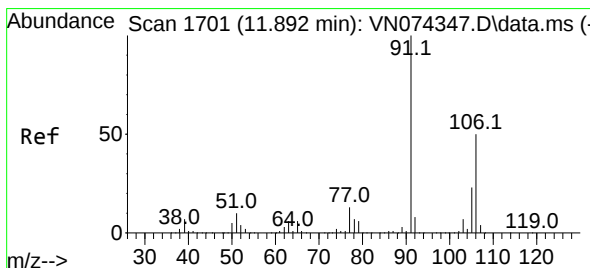
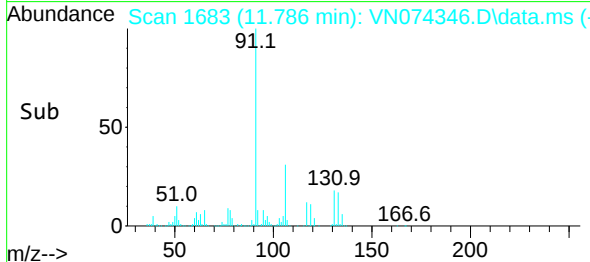
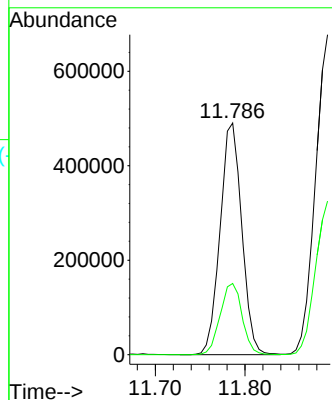
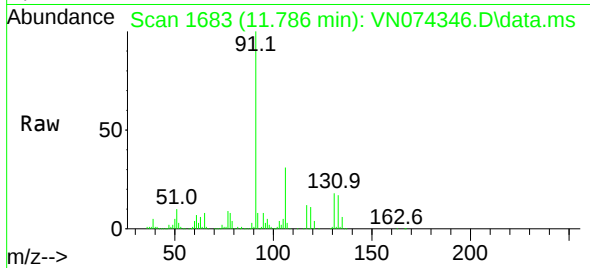




#67
Ethyl Benzene
Concen: 20.358 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

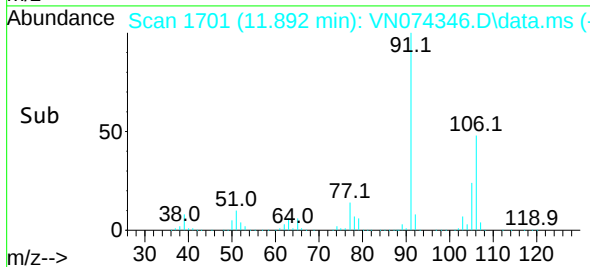
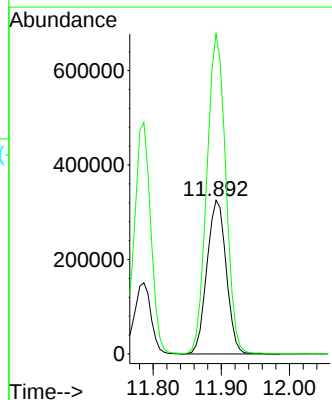
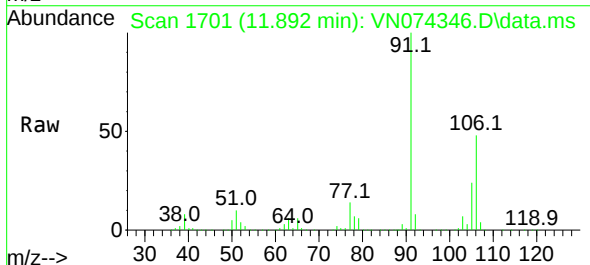
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

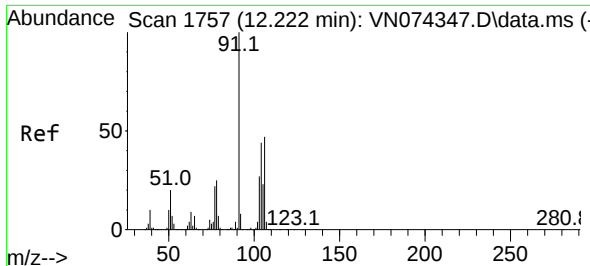
Tgt Ion: 91 Resp: 822920
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 42.181 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 106 Resp: 640296
Ion Ratio Lower Upper
106 100
91 204.6 158.9 238.3

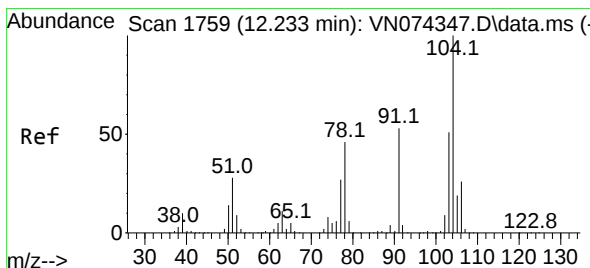
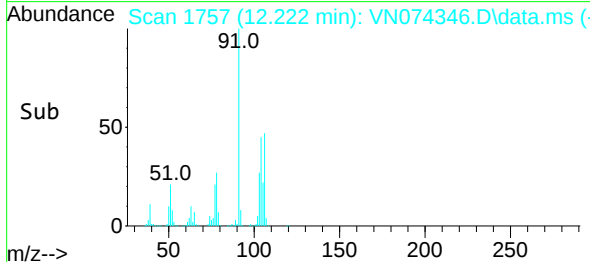
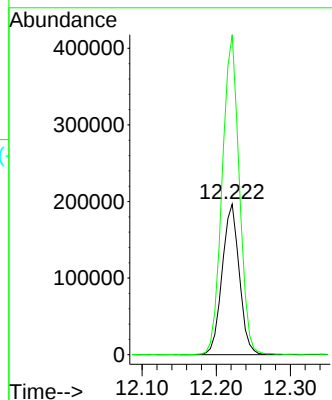
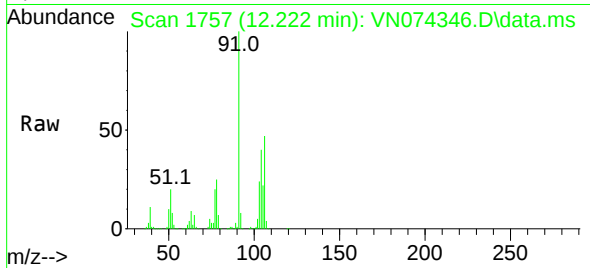




#69
o-Xylene
Concen: 20.911 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

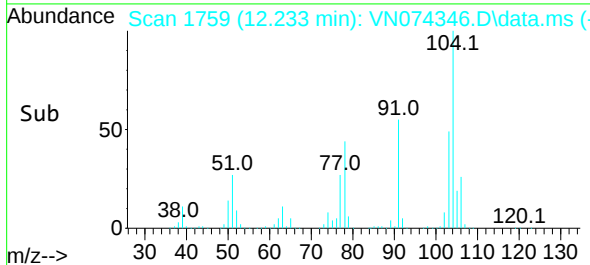
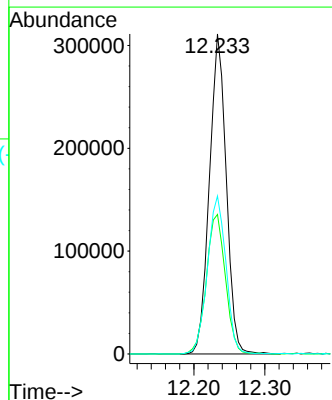
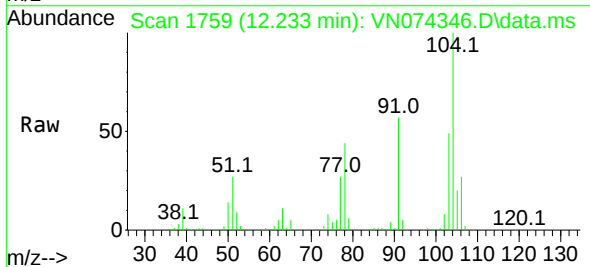
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

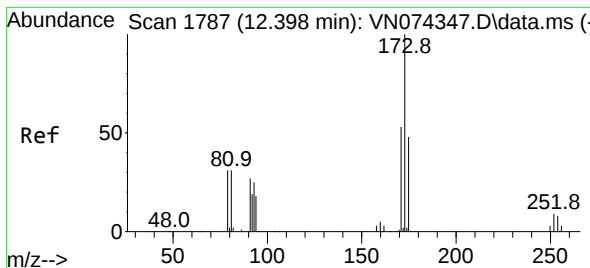
Tgt Ion:106 Resp: 315835
Ion Ratio Lower Upper
106 100
91 211.9 106.0 318.0



#70
Styrene
Concen: 21.298 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion:104 Resp: 513692
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 54.3 44.0 66.0





#71

Bromoform

Concen: 21.575 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

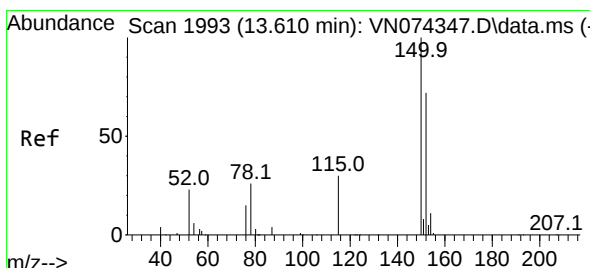
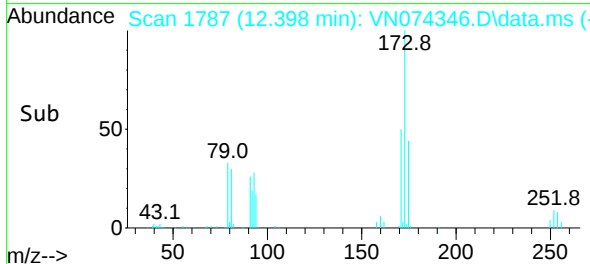
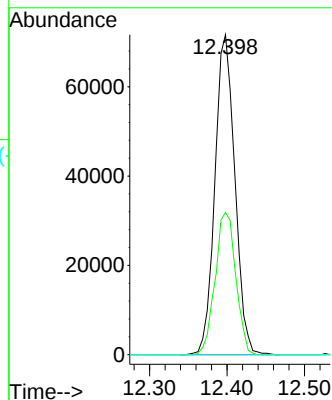
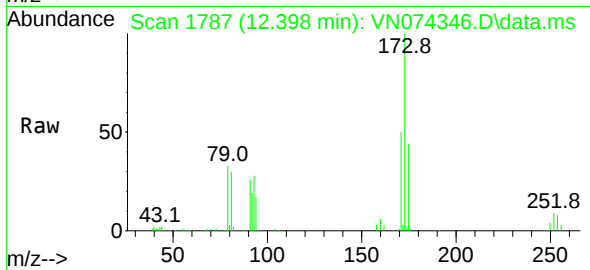
Tgt Ion:173 Resp: 127950

Ion Ratio Lower Upper

173 100

175 46.0 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

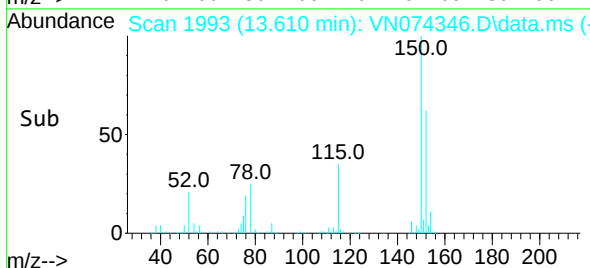
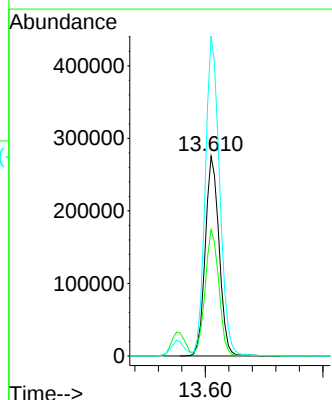
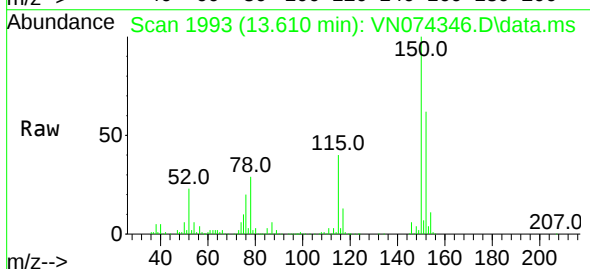
Tgt Ion:152 Resp: 450309

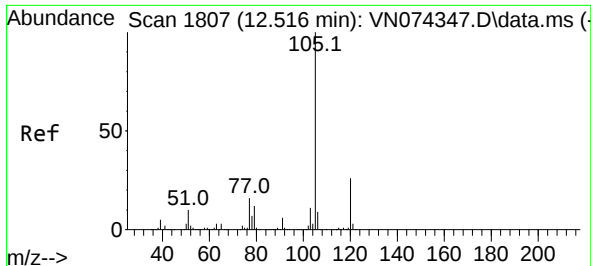
Ion Ratio Lower Upper

152 100

115 61.9 28.9 86.7

150 166.6 0.0 356.2

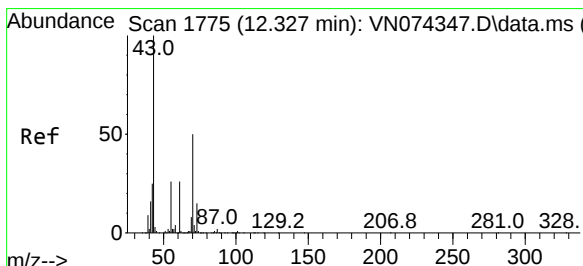
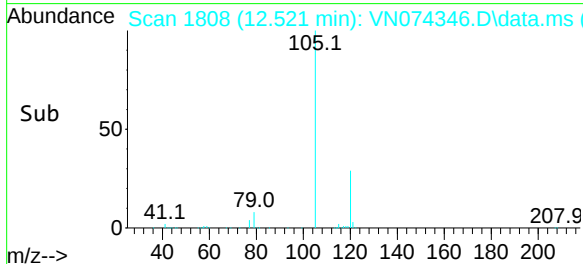
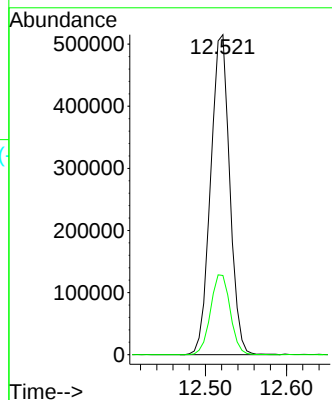
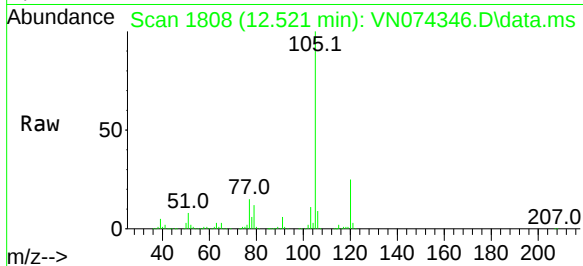




#73
Isopropylbenzene
Concen: 21.195 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

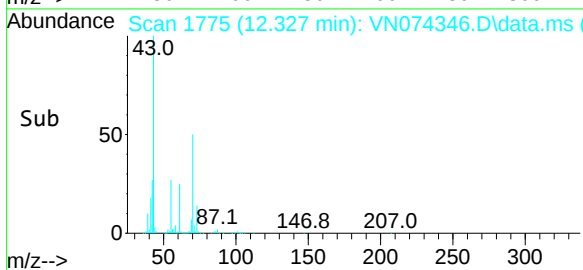
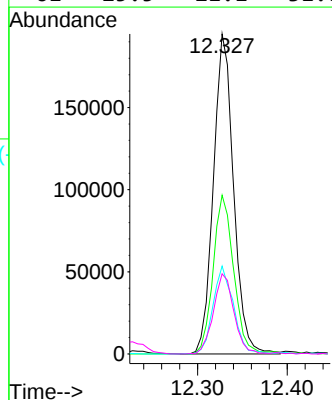
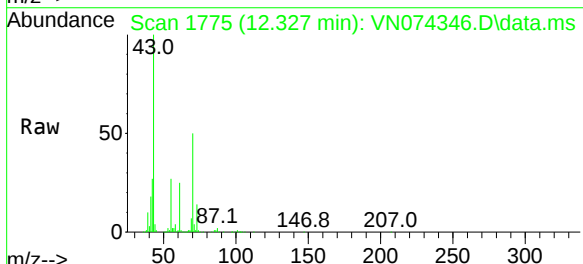
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

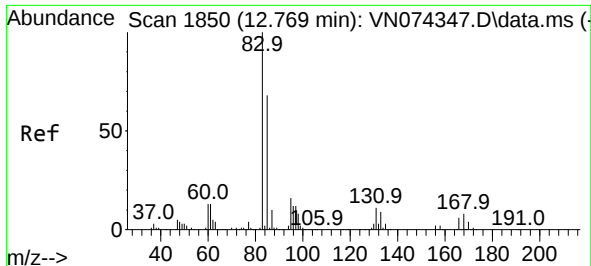
Tgt Ion:105 Resp: 840724
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4



#74
N-amy1 acetate
Concen: 18.365 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 43 Resp: 303954
Ion Ratio Lower Upper
43 100
70 50.8 39.0 58.4
55 27.7 21.1 31.7
61 25.5 21.1 31.7

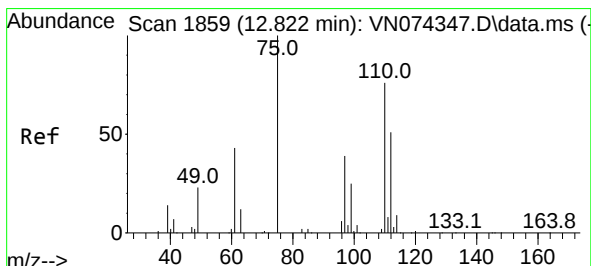
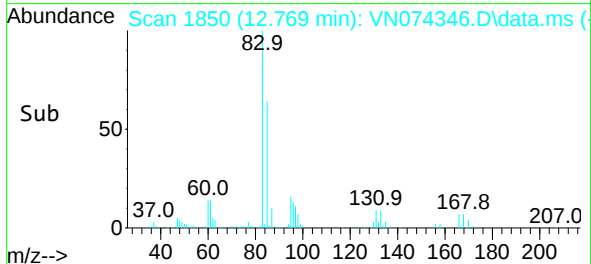
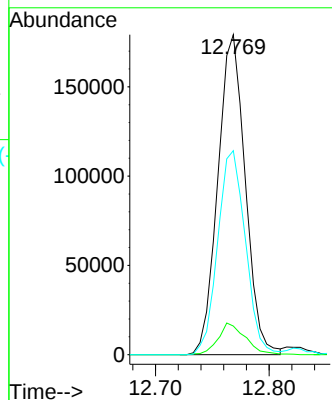
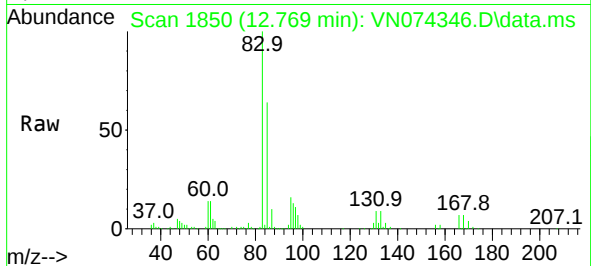




#75
 1,1,2-Tetrachloroethane
 Concen: 20.562 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

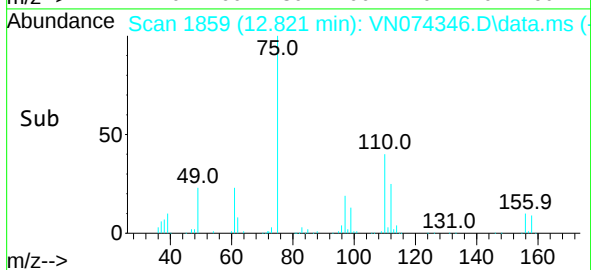
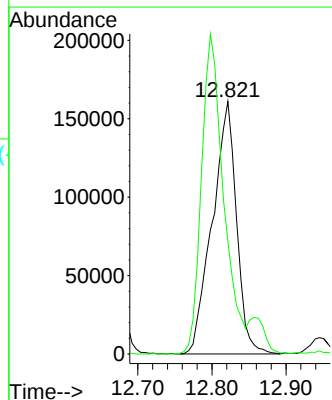
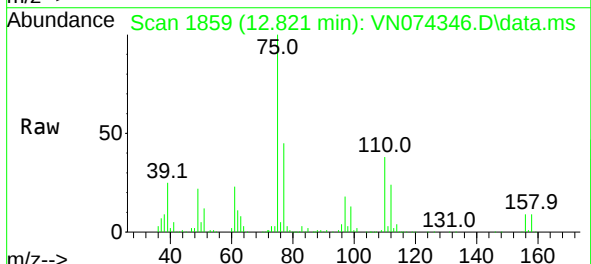
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

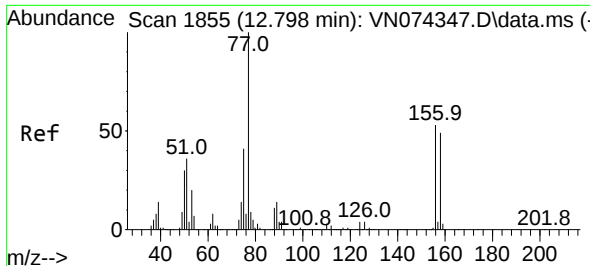
Tgt Ion: 83 Resp: 300719
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 15.9
 85 64.4 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 28.600 ug/l
 RT: 12.821 min Scan# 1859
 Delta R.T. -0.000 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

Tgt Ion: 75 Resp: 365703
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#

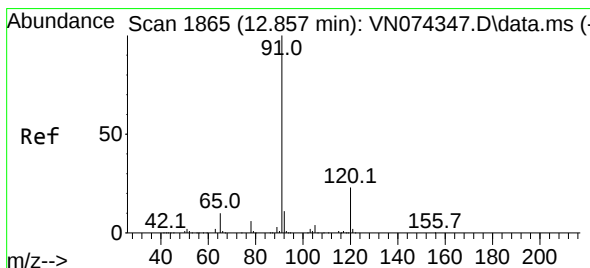
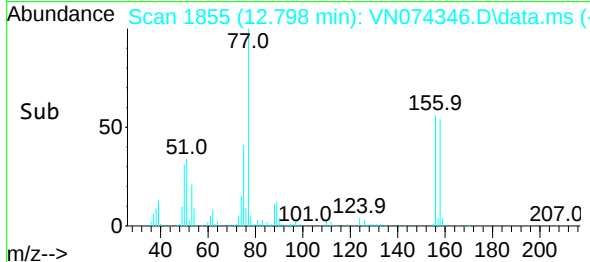
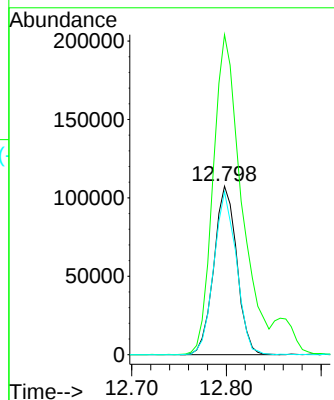
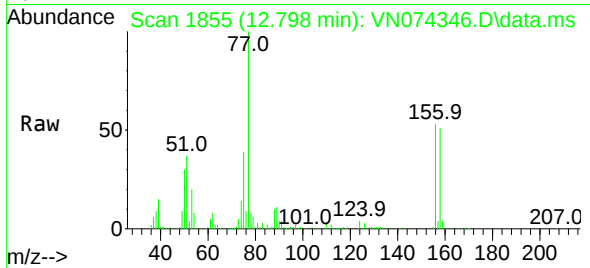




#77
Bromobenzene
Concen: 20.516 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

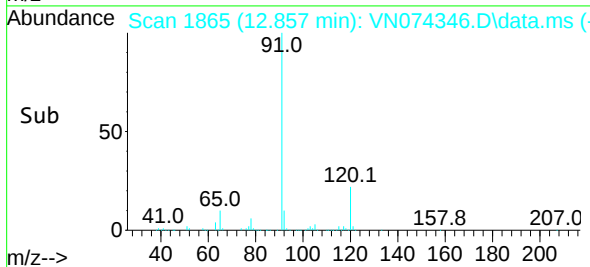
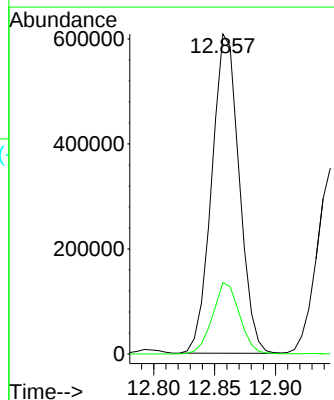
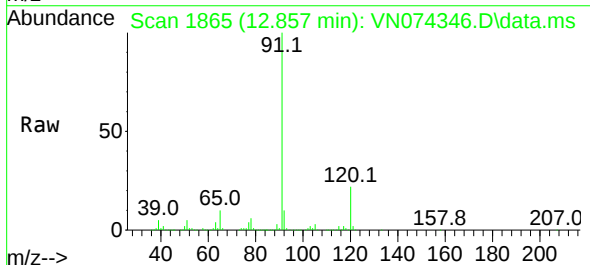
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

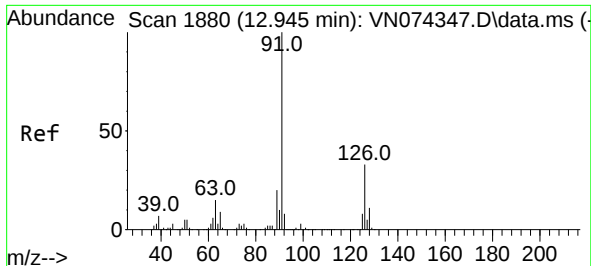
Tgt Ion:156 Resp: 180574
Ion Ratio Lower Upper
156 100
77 234.2 100.5 301.5
158 95.7 48.9 146.6



#78
n-propylbenzene
Concen: 21.175 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 91 Resp: 955720
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5

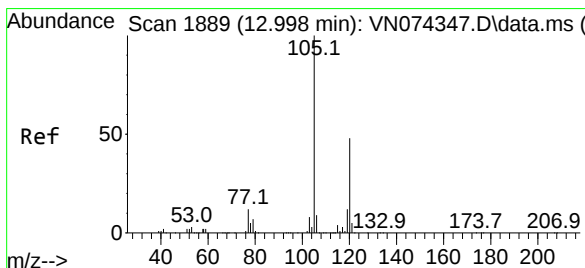
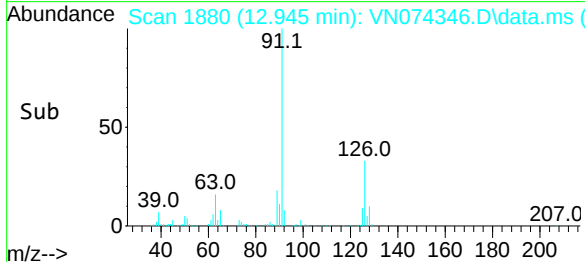
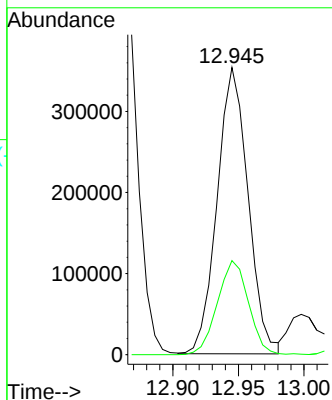
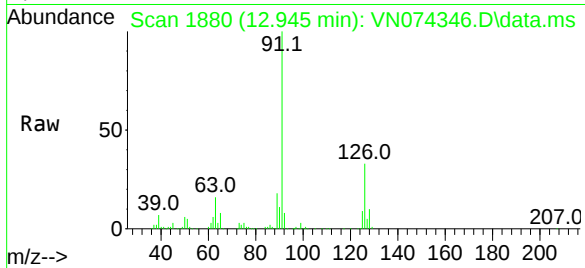




#79
2-Chlorotoluene
Concen: 20.740 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

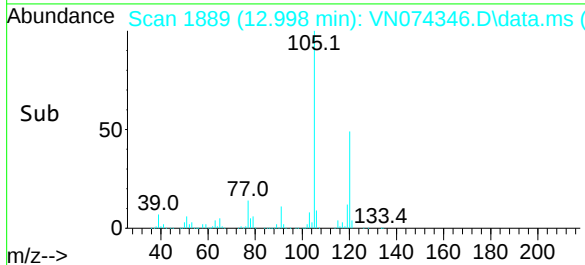
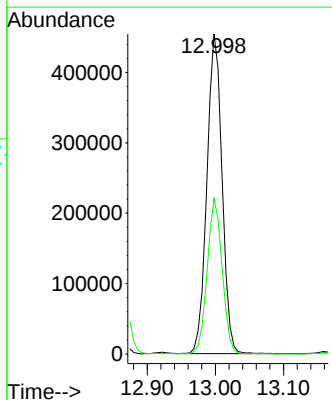
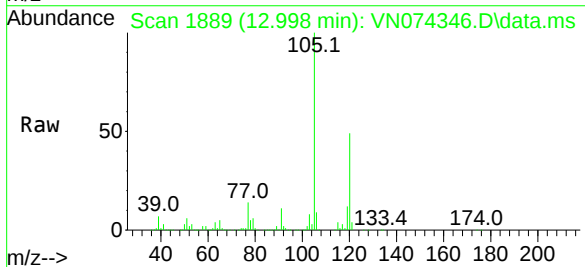
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

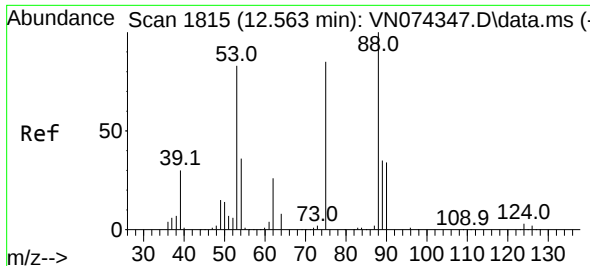
Tgt Ion: 91 Resp: 579369
Ion Ratio Lower Upper
91 100
126 33.0 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 22.039 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 105 Resp: 702607
Ion Ratio Lower Upper
105 100
120 47.7 24.9 74.7

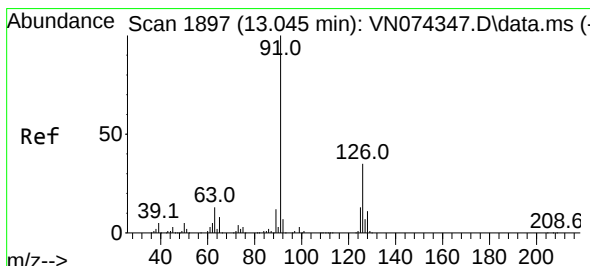
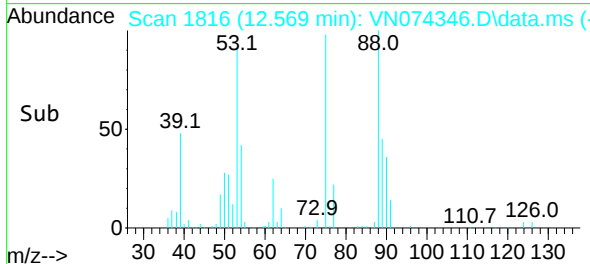
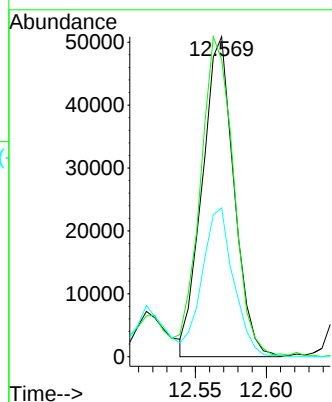
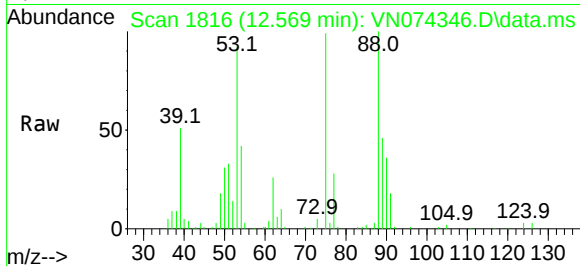




#81
trans-1,4-Dichloro-2-butene
Concen: 19.989 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

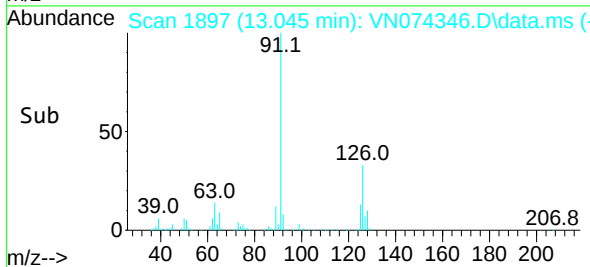
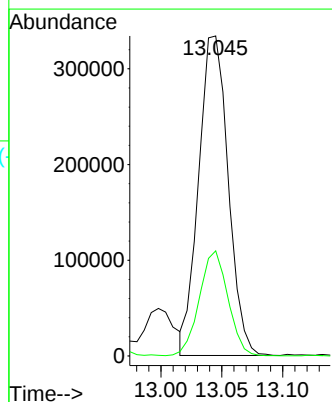
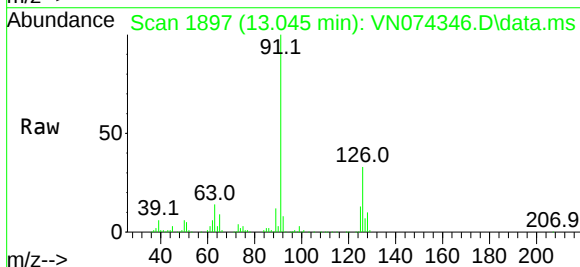
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

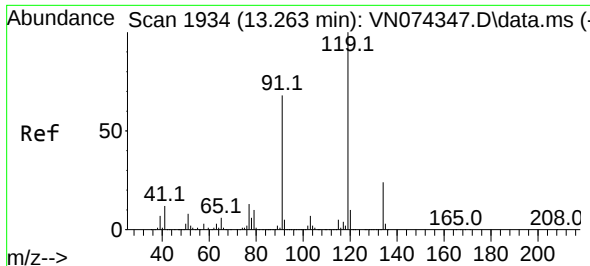
Tgt Ion: 75 Resp: 78920
Ion Ratio Lower Upper
75 100
53 104.6 78.0 117.0
89 46.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.555 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 91 Resp: 563952
Ion Ratio Lower Upper
91 100
126 31.8 17.2 51.6

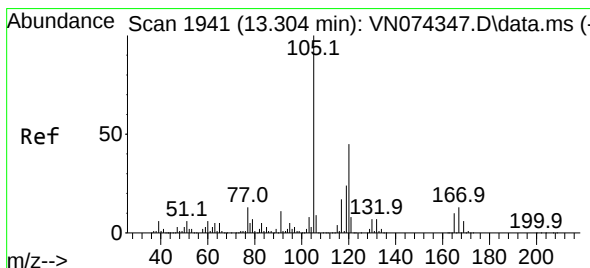
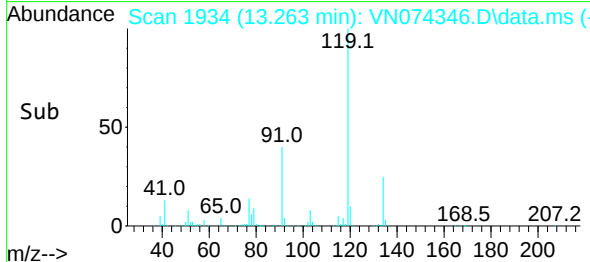
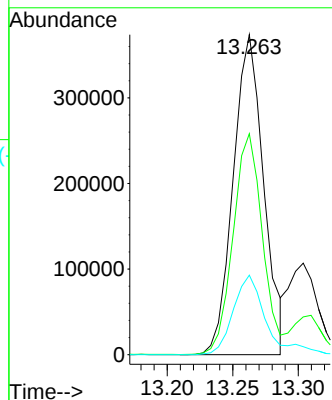
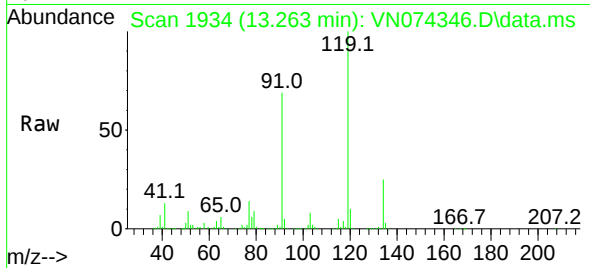




#83
tert-Butylbenzene
Concen: 20.971 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

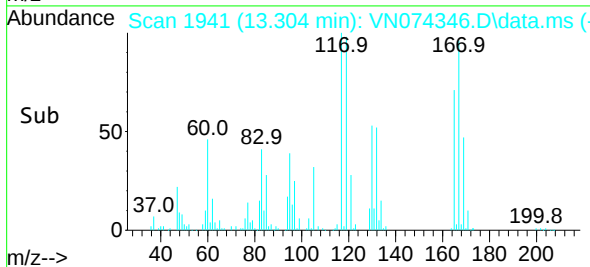
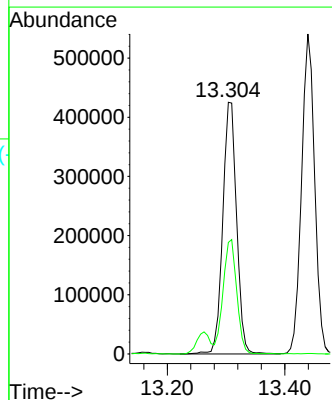
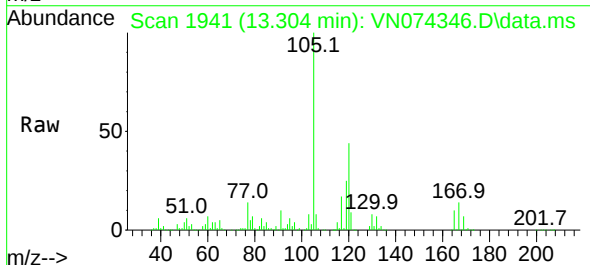
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

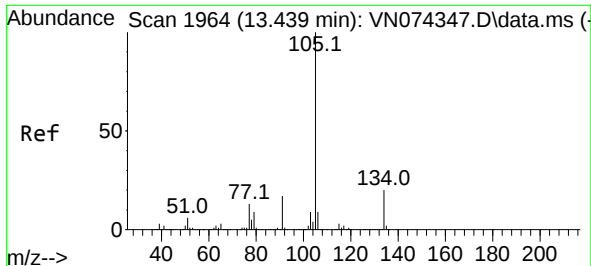
Tgt Ion:119 Resp: 605761
Ion Ratio Lower Upper
119 100
91 67.5 31.6 94.8
134 26.7 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 21.588 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion:105 Resp: 695366
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8

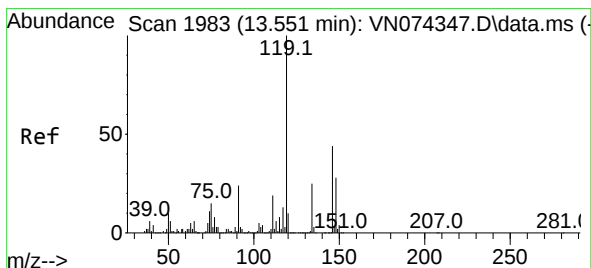
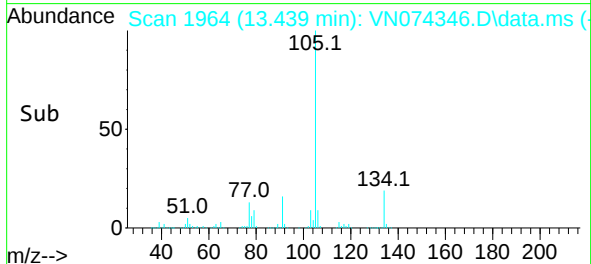
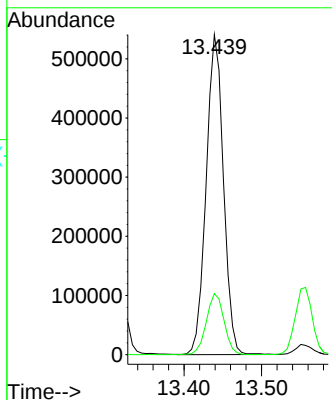
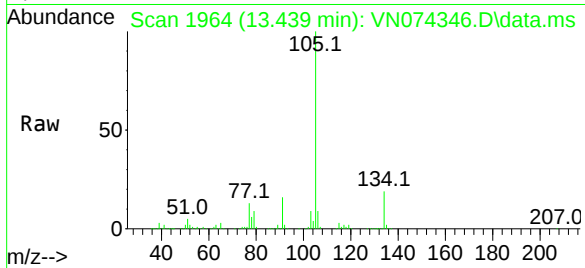




#85
 sec-Butylbenzene
 Concen: 20.821 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

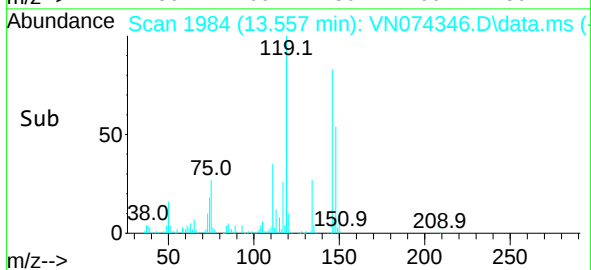
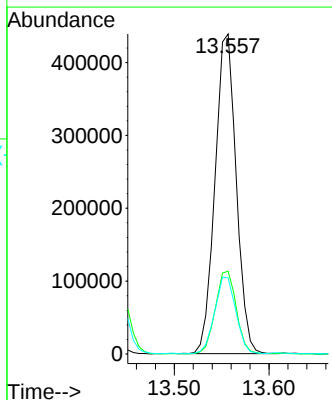
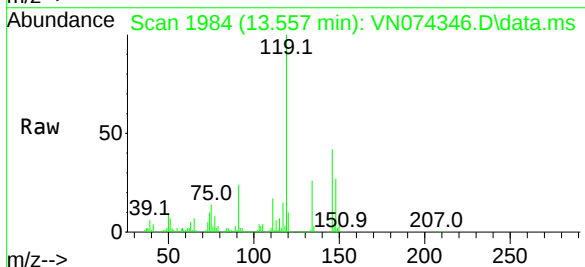
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

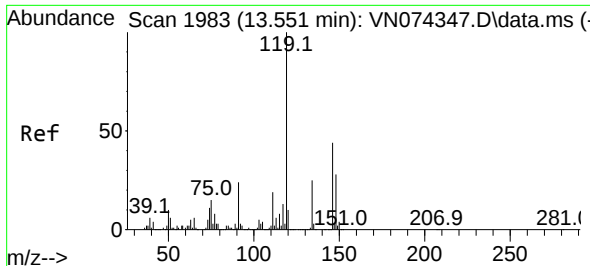
Tgt Ion:105 Resp: 837398
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.715 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

Tgt Ion:119 Resp: 682394
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 23.9 11.3 33.9

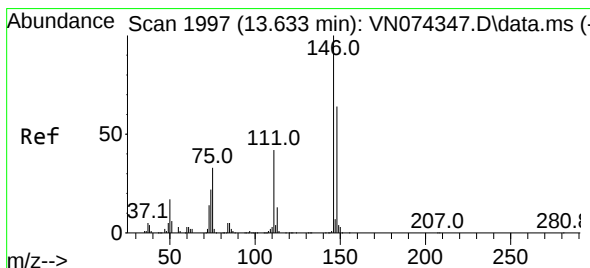
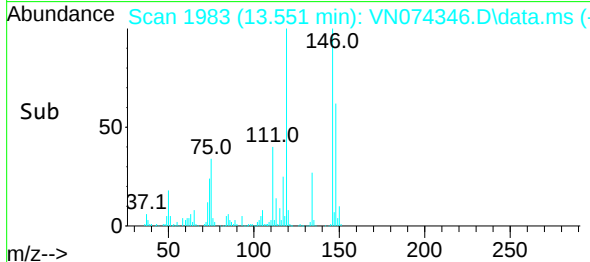
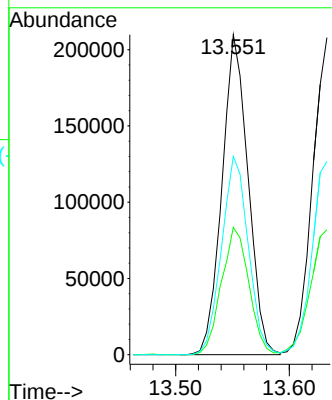
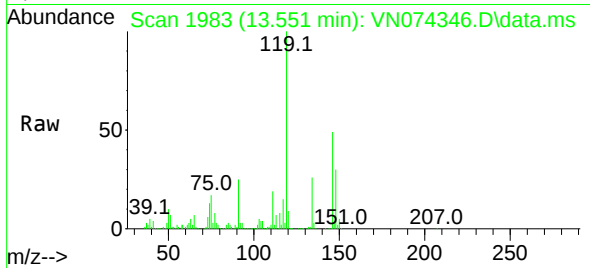




#87
1,3-Dichlorobenzene
Concen: 20.847 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

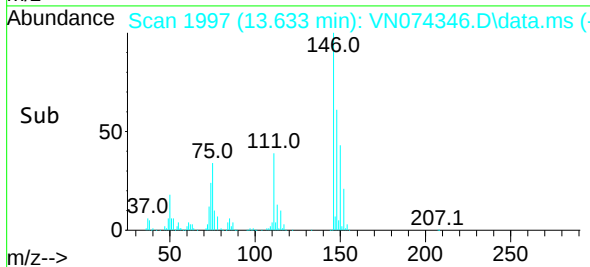
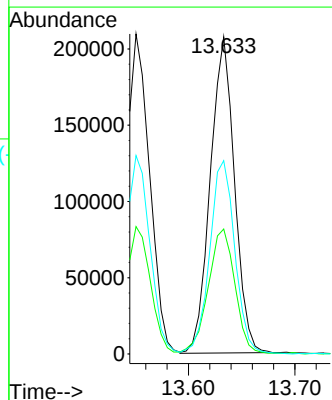
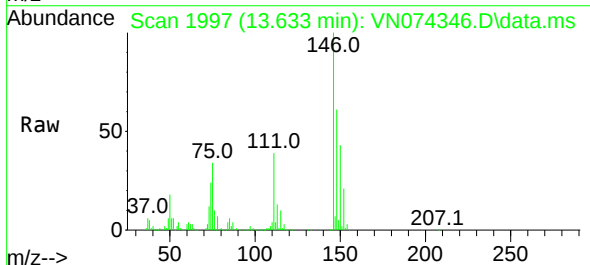
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

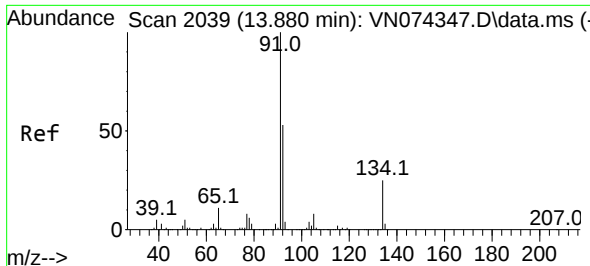
Tgt Ion:146 Resp: 334515
Ion Ratio Lower Upper
146 100
111 41.8 20.0 60.0
148 63.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 19.114 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion:146 Resp: 326733
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.1
148 63.8 31.4 94.3

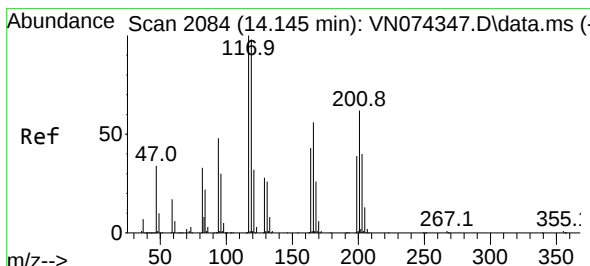
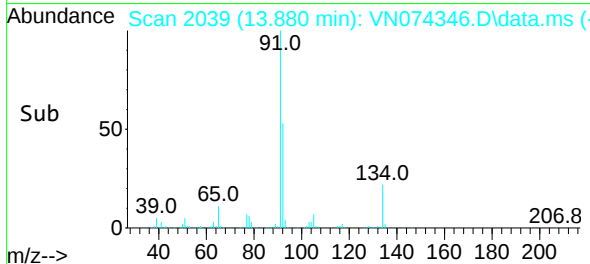
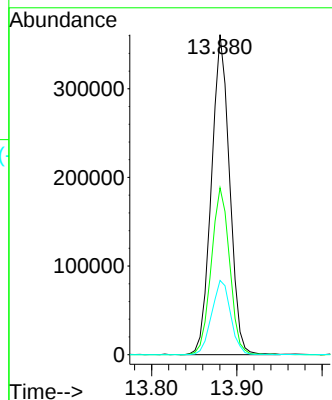
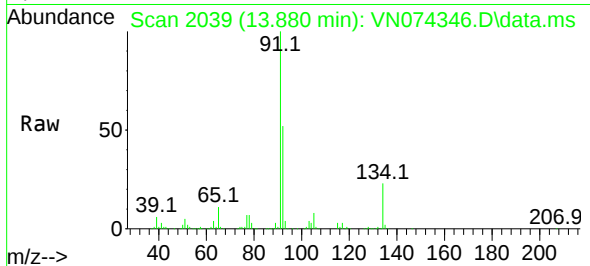




#89
n-Butylbenzene
Concen: 19.750 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

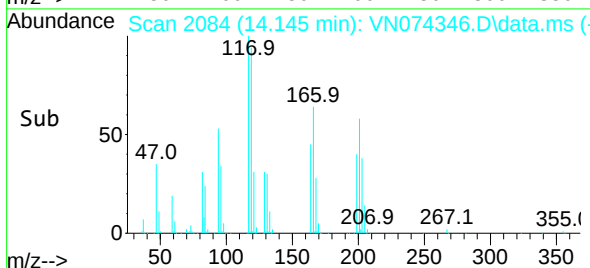
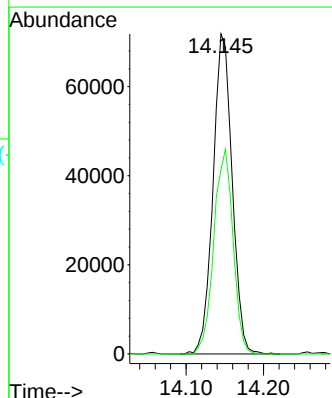
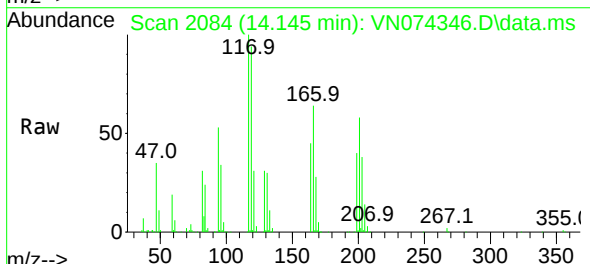
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

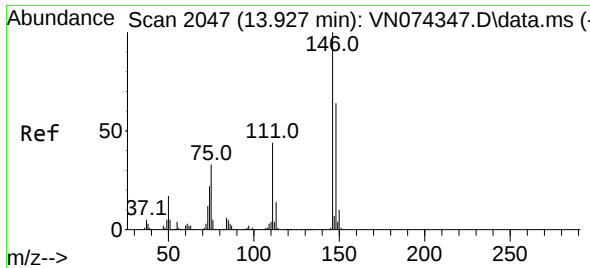
Tgt Ion: 91 Resp: 538016
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 24.2 13.6 40.8



#90
Hexachloroethane
Concen: 20.073 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN074346.D
Acq: 06 Sep 2022 17:46

Tgt Ion: 117 Resp: 123005
Ion Ratio Lower Upper
117 100
201 64.3 40.6 122.0

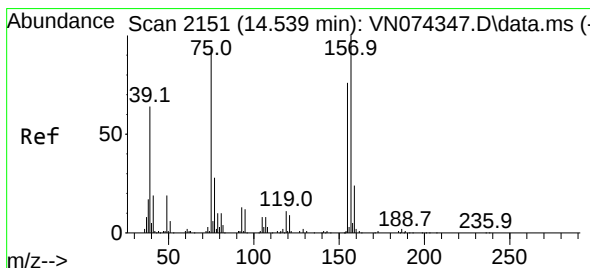
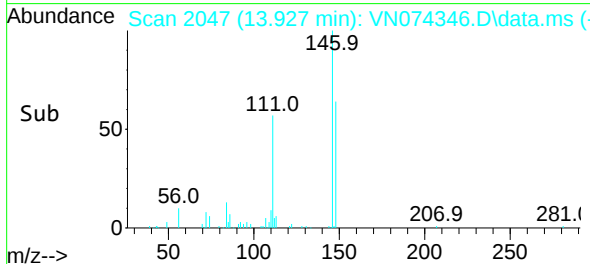
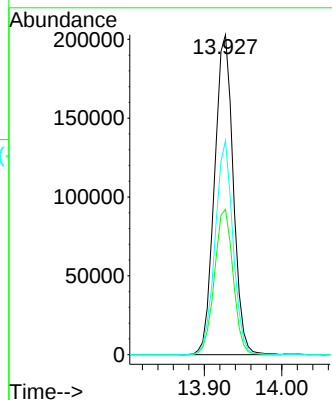
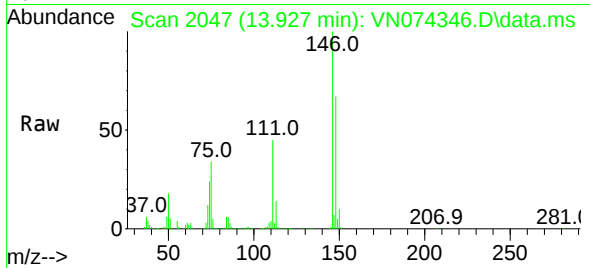




#91
 1,2-Dichlorobenzene
 Concen: 20.123 ug/l
 RT: 13.927 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

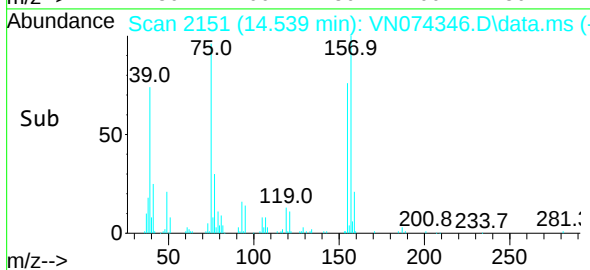
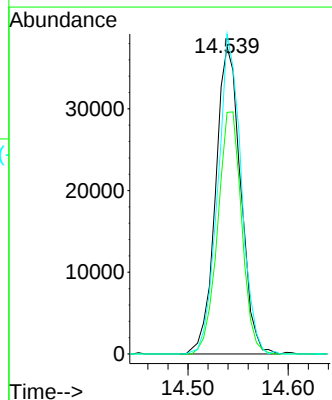
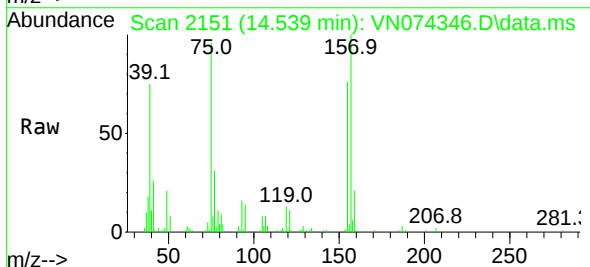
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

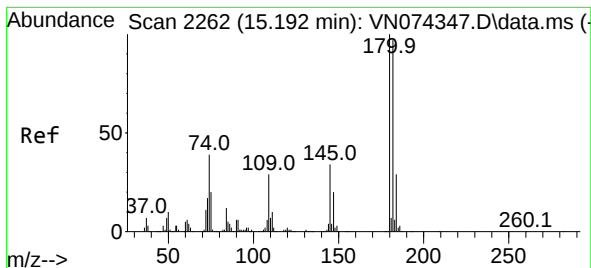
Tgt Ion:	146	Resp:	340395
Ion	Ratio	Lower	Upper
146	100		
111	45.4	20.9	62.8
148	64.1	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.439 ug/l
 RT: 14.539 min Scan# 2151
 Delta R.T. -0.000 min
 Lab File: VN074346.D
 Acq: 06 Sep 2022 17:46

Tgt Ion:	75	Resp:	65322
Ion	Ratio	Lower	Upper
75	100		
155	75.0	44.9	134.5
157	96.6	59.0	176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.452 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

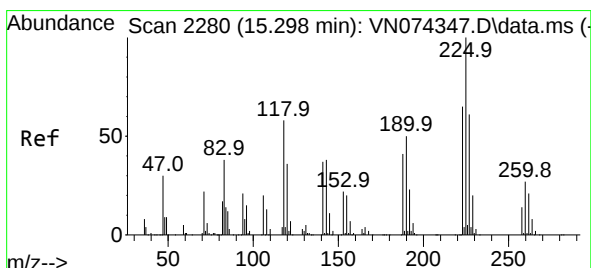
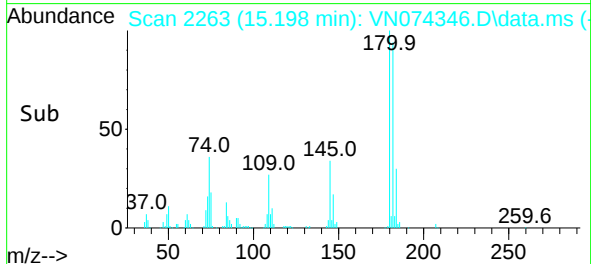
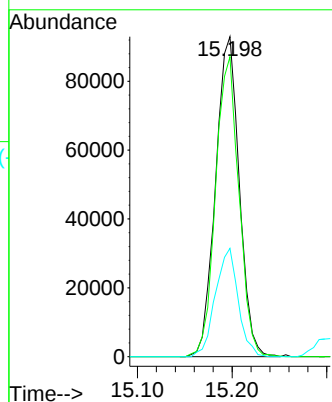
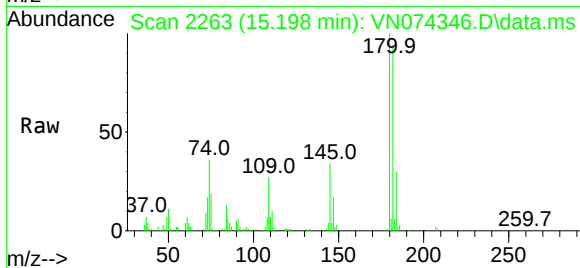
Tgt Ion:180 Resp: 161575

Ion Ratio Lower Upper

180 100

182 92.2 47.5 142.5

145 32.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.712 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

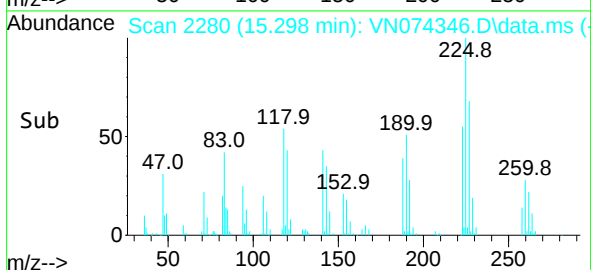
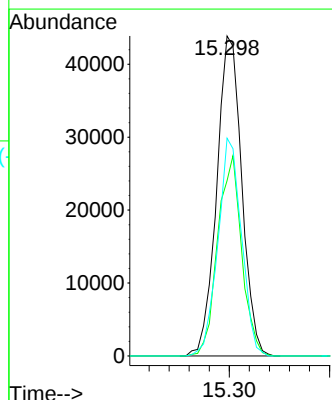
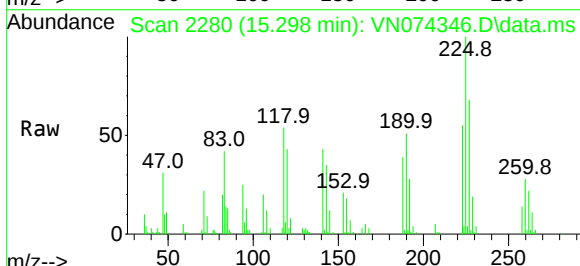
Tgt Ion:225 Resp: 75941

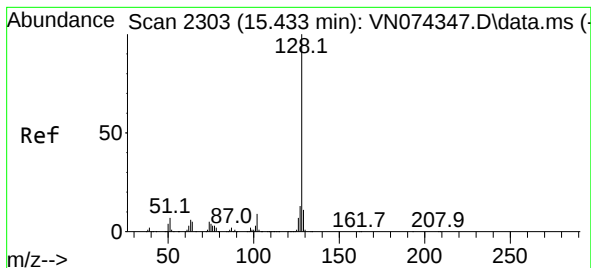
Ion Ratio Lower Upper

225 100

223 59.8 32.4 97.2

227 63.8 31.8 95.4





#95

Naphthalene

Concen: 18.117 ug/l

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

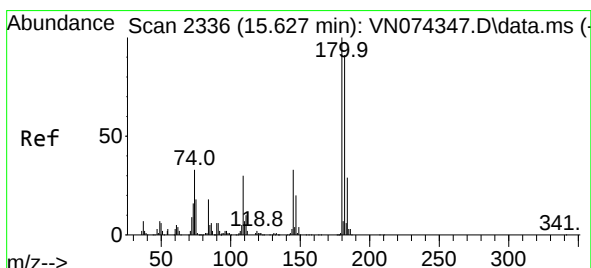
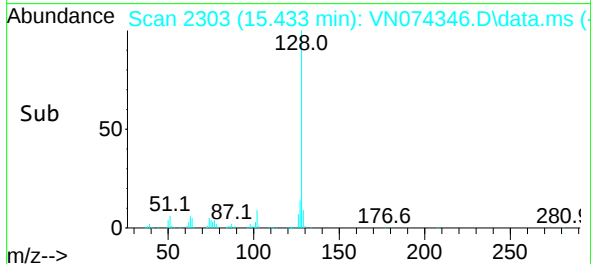
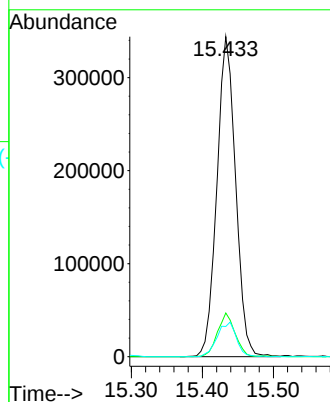
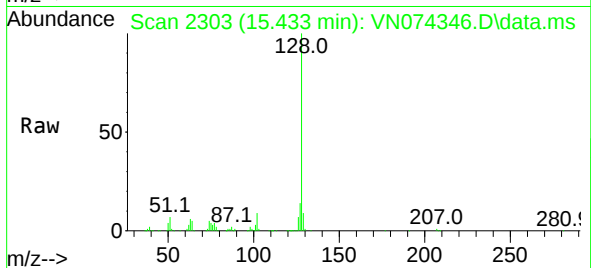
Tgt Ion:128 Resp: 628946

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.946 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VN074346.D

Acq: 06 Sep 2022 17:46

Tgt Ion:180 Resp: 167415

Ion Ratio Lower Upper

180 100

182 96.1 47.8 143.3

145 35.6 15.5 46.5

