

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073325.D
 Acq On : 05 Jul 2022 19:14
 Operator : JC\MD
 Sample : N3564-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 01:16:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	287430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	479010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	441003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	225554	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	180679	43.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.080%
35) Dibromofluoromethane	7.951	113	151981	47.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	10.380	98	516893	45.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.669	95	234606	53.935	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.860%

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.293	59	712	0.708	ug/l #	72
13) Acrolein	3.934	56	5283	8.315	ug/l #	1
15) Acrylonitrile	5.534	53	2569	0.993	ug/l #	41
16) Acetone	4.222	43	72463	31.112	ug/l	97
17) Carbon Disulfide	4.451	76	14862	1.694	ug/l	99
18) Methyl Acetate	4.787	43	9314	1.427	ug/l #	62
20) Methylene Chloride	5.016	84	406760	99.374	ug/l	88
23) Vinyl Acetate	6.387	43	4556	0.383	ug/l #	68
25) 2-Butanone	7.269	43	23225	6.263	ug/l #	82
28) Bromochloromethane	7.763	49	783	0.272	ug/l #	8
29) Tetrahydrofuran	7.628	42	2516	0.991	ug/l #	60
30) Chloroform	7.775	83	3427	0.494	ug/l #	18
31) Cyclohexane	8.022	56	340572	50.116	ug/l	95
36) 1,1-Dichloropropene	8.022	75	24339	4.963	ug/l #	65
37) Ethyl Acetate	7.340	43	59396	8.016	ug/l	96
38) Carbon Tetrachloride	8.016	117	29768	5.870	ug/l #	17
39) Methylcyclohexane	9.392	83	263423	43.148	ug/l	95
40) Benzene	8.392	78	56574	3.738	ug/l	97
41) Methacrylonitrile	7.616	41	1323	0.368	ug/l #	32
42) 1,2-Dichloroethane	8.504	62	2034	0.371	ug/l #	1
43) Isopropyl Acetate	8.492	43	234062	21.981	ug/l #	85
45) 1,2-Dichloropropane	9.386	63	2772	0.719	ug/l #	1
47) Bromodichloromethane	9.581	83	3396	0.669	ug/l #	26
48) Methyl methacrylate	9.475	41	19694	3.994	ug/l #	36
49) 1,4-Dioxane	9.469	88	73	0.780	ug/l #	1
51) 4-Methyl-2-Pentanone	10.263	43	12003	1.777	ug/l	96
52) Toluene	10.445	92	25859	2.765	ug/l	94
53) t-1,3-Dichloropropene	10.739	75	1540	0.276	ug/l #	81
54) cis-1,3-Dichloropropene	10.104	75	8380	1.390	ug/l #	1
55) 1,1,2-Trichloroethane	10.816	97	16435	4.268	ug/l #	20
56) Ethyl methacrylate	10.716	69	9922	1.594	ug/l #	1
57) 1,3-Dichloropropane	11.033	76	8103	1.228	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.969	63	1005	0.362	ug/l #	44
59) 2-Hexanone	11.033	43	112935	21.940	ug/l #	48
67) Ethyl Benzene	11.780	91	141862	7.835	ug/l	98
68) m/p-Xylenes	11.886	106	157388	23.031	ug/l	99

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

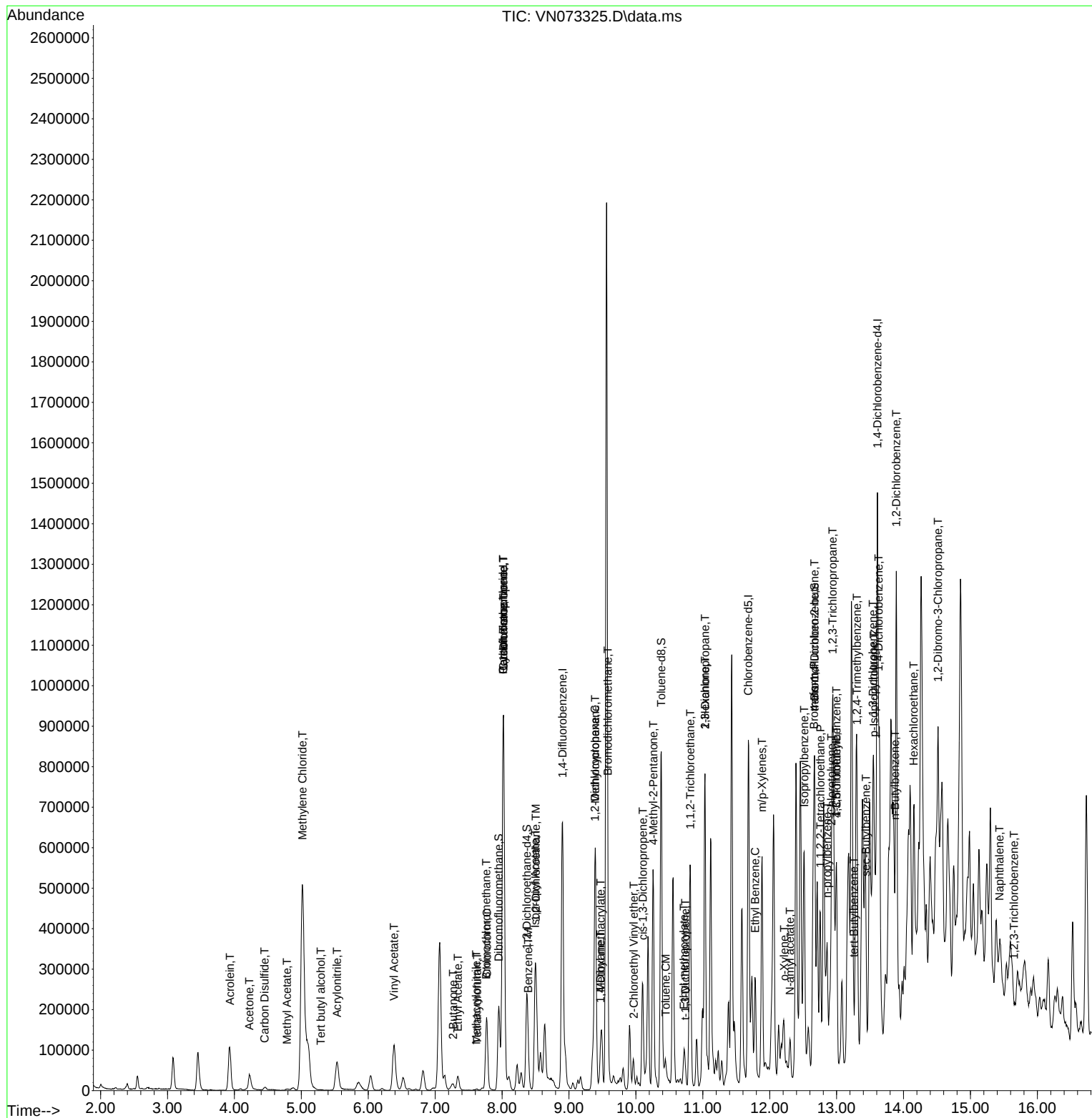
69) o-Xylene	12.216	106	10366	1.486	ug/l	93
71) Bromoform	12.663	173	803	0.299	ug/l #	1
73) Isopropylbenzene	12.516	105	190781	9.795	ug/l	98
74) N-amyl acetate	12.304	43	33294	3.414	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.757	83	11527	1.783	ug/l #	37
76) 1,2,3-Trichloropropane	12.939	75	12243	2.076	ug/l	94
78) n-propylbenzene	12.857	91	220381	10.185	ug/l	98
79) 2-Chlorotoluene	12.921	91	22188	1.620	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	222636	14.024	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.669	75	136255	63.358	ug/l #	10
82) 4-Chlorotoluene	12.998	91	24079	1.816	ug/l #	44
83) tert-Butylbenzene	13.257	119	9008	0.633	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	85192	5.375	ug/l	100
85) sec-Butylbenzene	13.439	105	51565	2.698	ug/l	80
86) p-Isopropyltoluene	13.557	119	30963	2.006	ug/l	89
87) 1,3-Dichlorobenzene	13.545	146	3052	0.376	ug/l #	1
88) 1,4-Dichlorobenzene	13.627	146	3518	0.432	ug/l #	26
89) n-Butylbenzene	13.874	91	29700	2.309	ug/l #	78
90) Hexachloroethane	14.151	117	14454	5.024	ug/l #	9
91) 1,2-Dichlorobenzene	13.892	146	1821	0.220	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	14.515	75	9886	6.293	ug/l #	1
95) Naphthalene	15.433	128	8213	0.472	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.651	180	1083	0.244	ug/l #	37

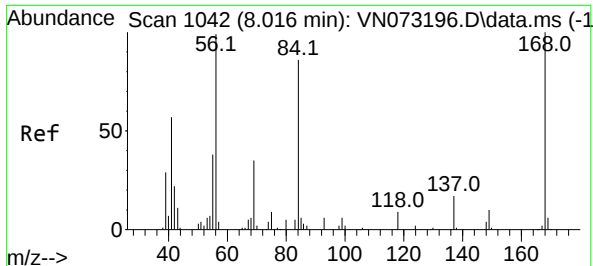
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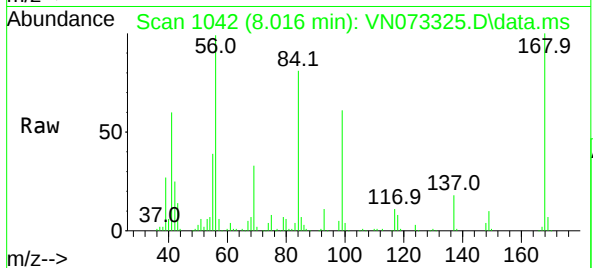
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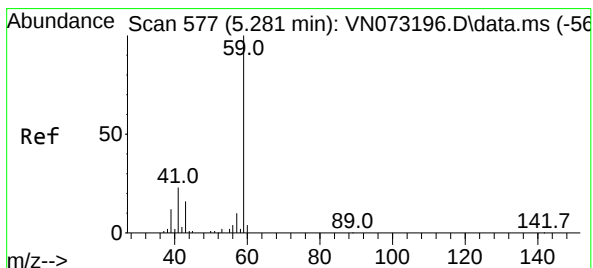
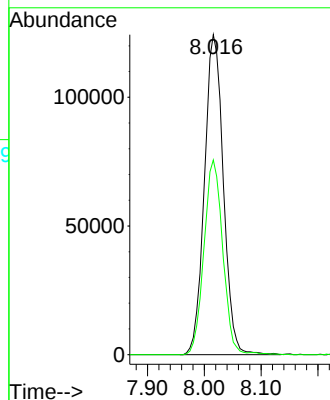
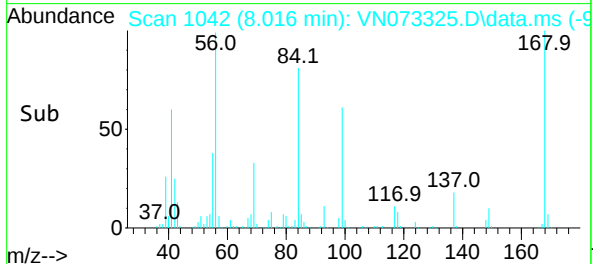


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :

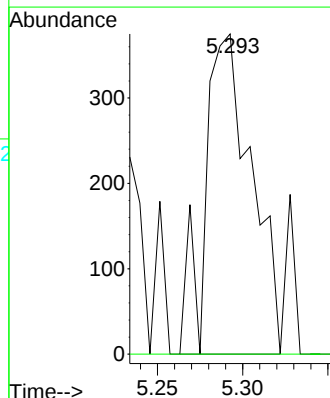
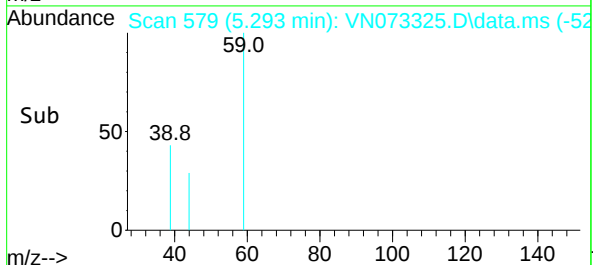
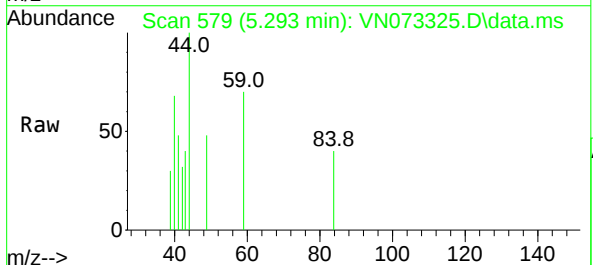


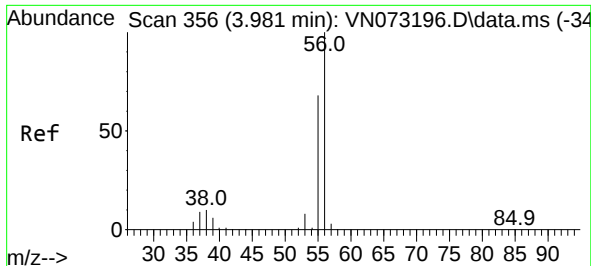
Tgt Ion:168 Resp: 287430
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#11
Tert butyl alcohol
Concen: 0.708 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.012 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

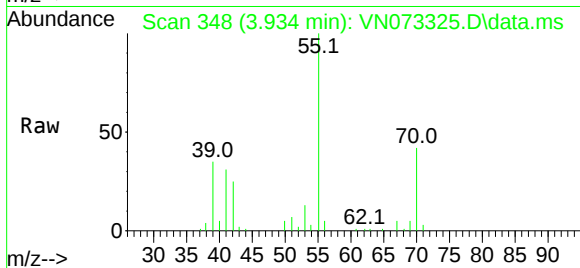
Tgt Ion: 59 Resp: 712
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



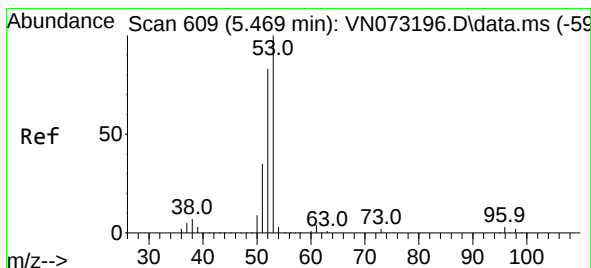
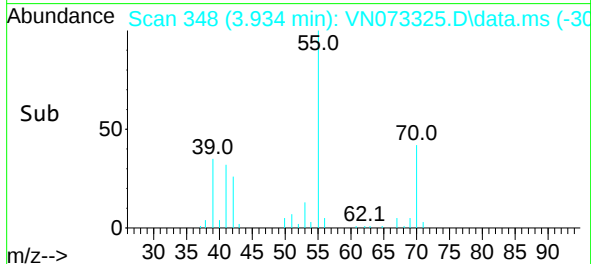
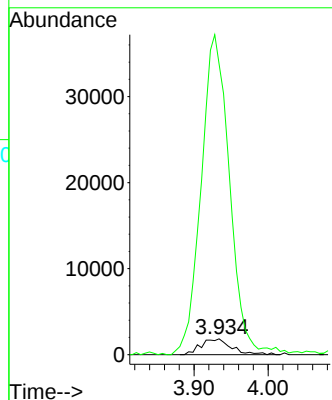


#13
Acrolein
Concen: 8.315 ug/l
RT: 3.934 min Scan# 34
Delta R.T. -0.047 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :

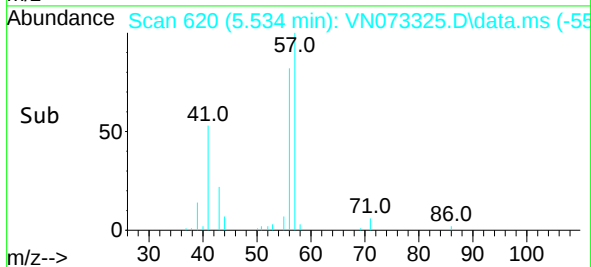
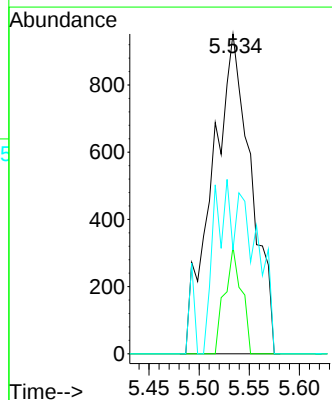
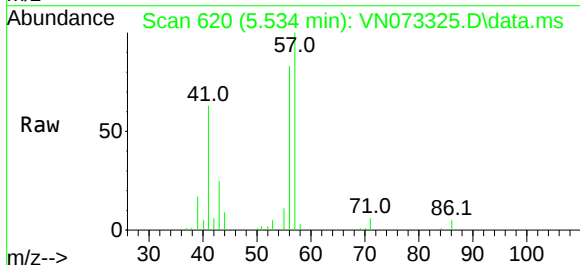


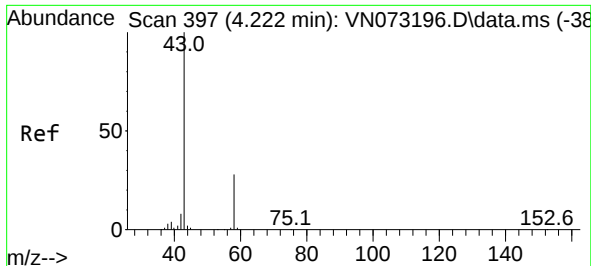
Tgt Ion: 56 Resp: 5283
Ion Ratio Lower Upper
56 100
55 1854.9 54.8 82.2#



#15
Acrylonitrile
Concen: 0.993 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.065 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

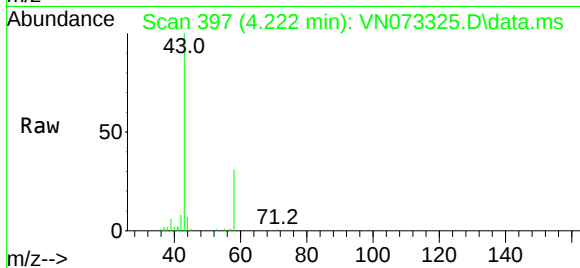
Tgt Ion: 53 Resp: 2569
Ion Ratio Lower Upper
53 100
52 14.3 66.4 99.6#
51 25.3 28.5 42.7#



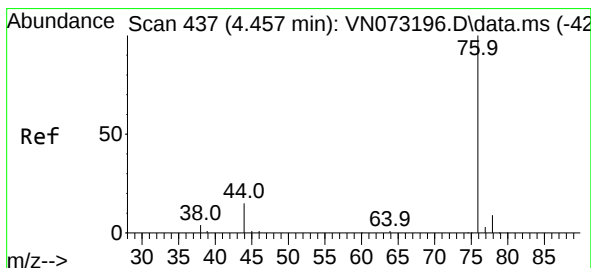
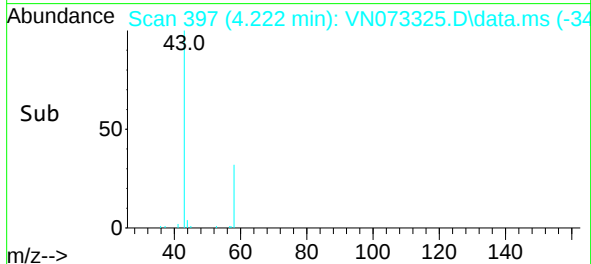
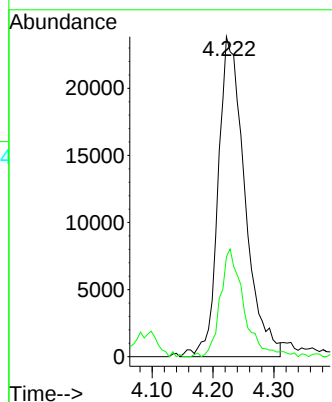


#16
Acetone
Concen: 31.112 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

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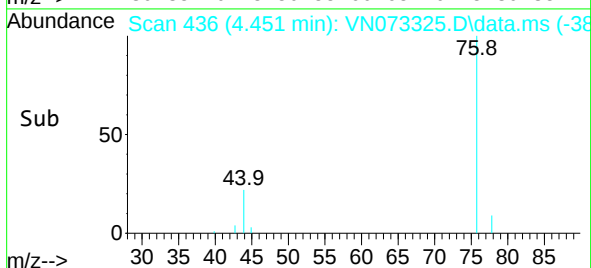
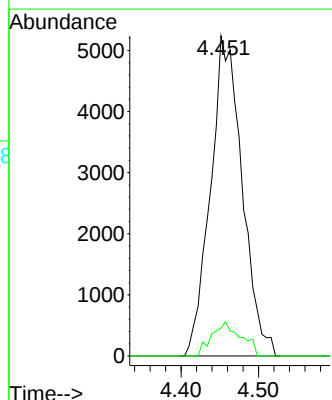
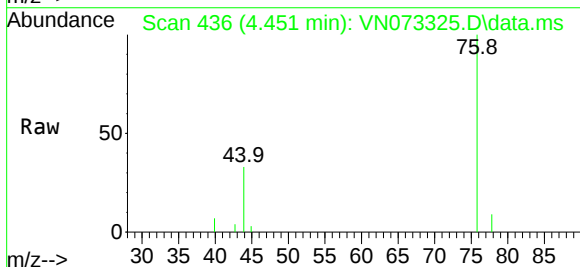


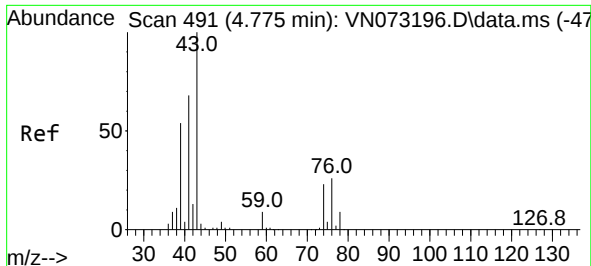
Tgt Ion: 43 Resp: 72463
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0



#17
Carbon Disulfide
Concen: 1.694 ug/l
RT: 4.451 min Scan# 436
Delta R.T. -0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 76 Resp: 14862
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

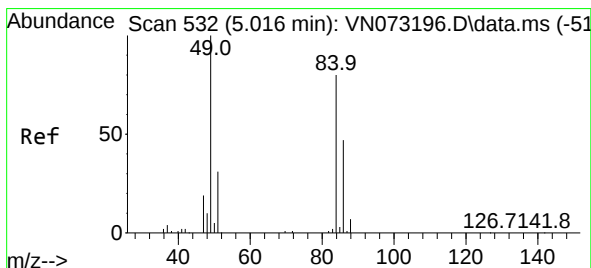
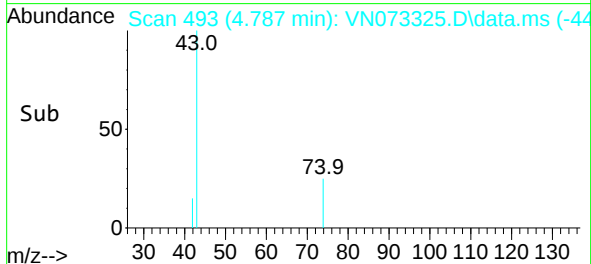
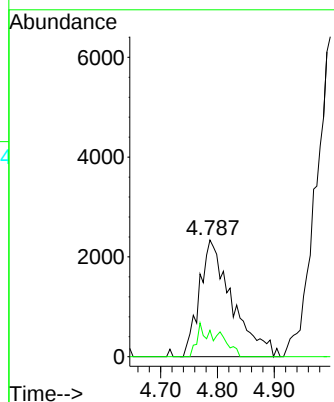
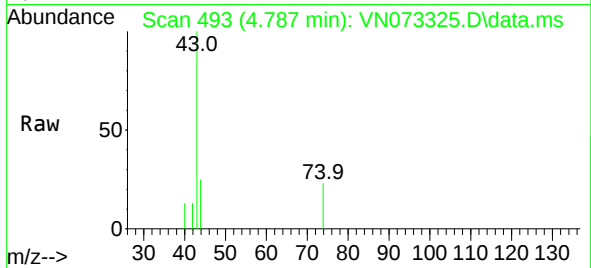




#18
Methyl Acetate
Concen: 1.427 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

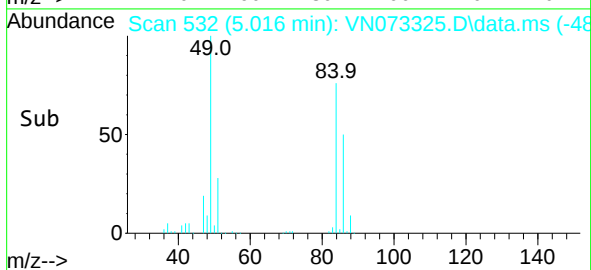
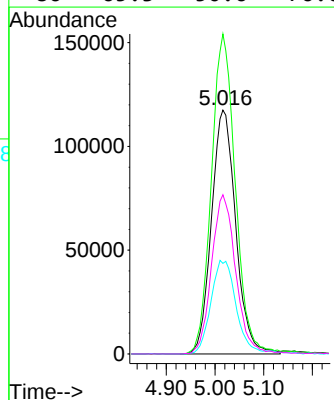
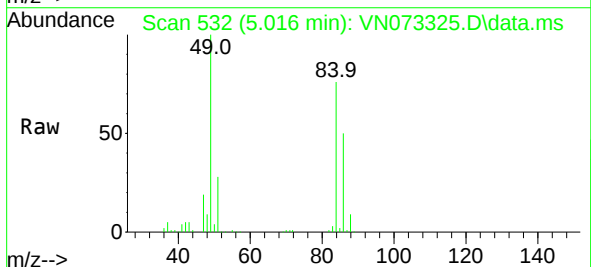
Instrument :
MSVOA_N
ClientSampleId :

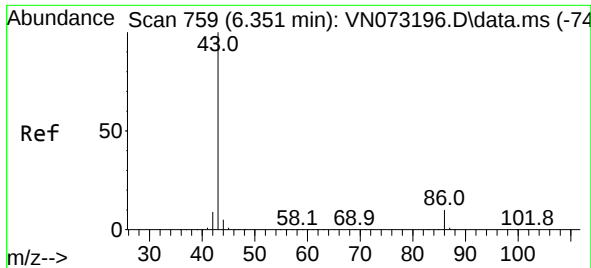
Tgt Ion: 43 Resp: 9314
Ion Ratio Lower Upper
43 100
74 7.4 21.6 32.4#



#20
Methylene Chloride
Concen: 99.374 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 84 Resp: 406760
Ion Ratio Lower Upper
84 100
49 131.2 88.3 132.5
51 37.1 28.2 42.2
86 65.3 50.6 76.0

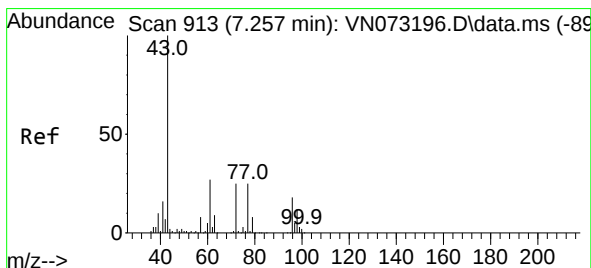
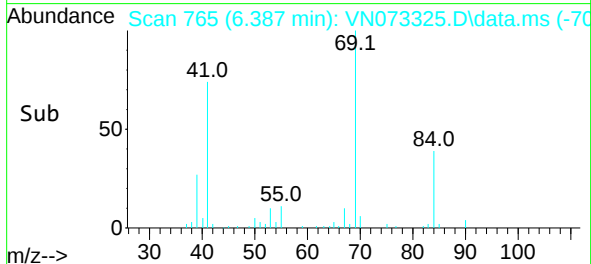
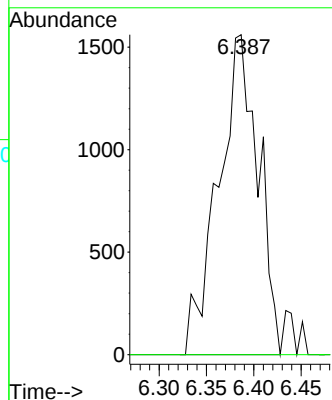
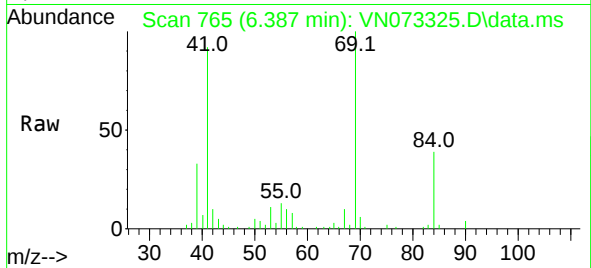




#23
 Vinyl Acetate
 Concen: 0.383 ug/l
 RT: 6.387 min Scan# 70
 Delta R.T. 0.036 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

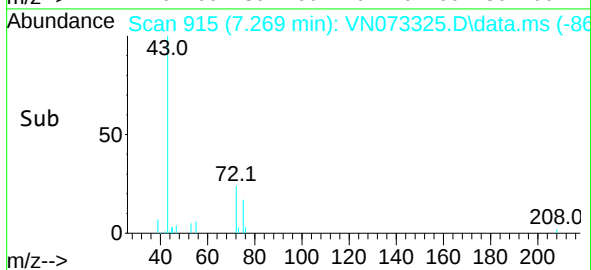
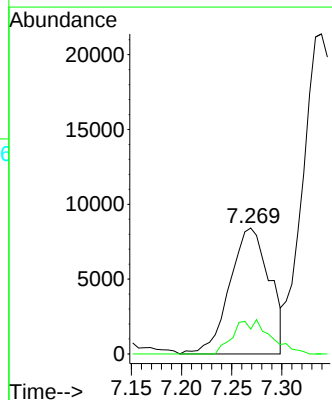
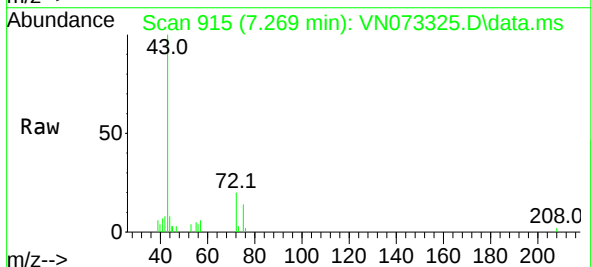
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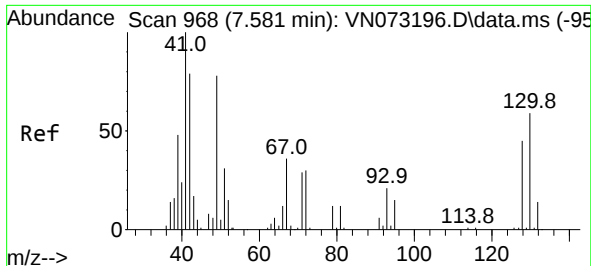
Tgt Ion: 43 Resp: 4556
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 6.263 ug/l
 RT: 7.269 min Scan# 915
 Delta R.T. 0.012 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

Tgt Ion: 43 Resp: 23225
 Ion Ratio Lower Upper
 43 100
 72 19.7 23.7 35.5#

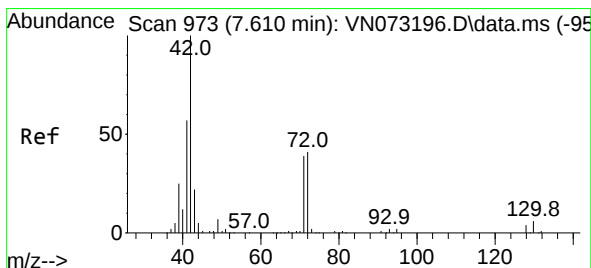
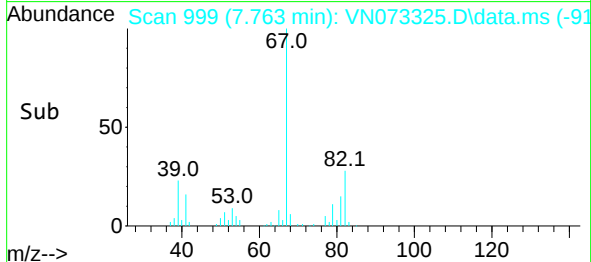
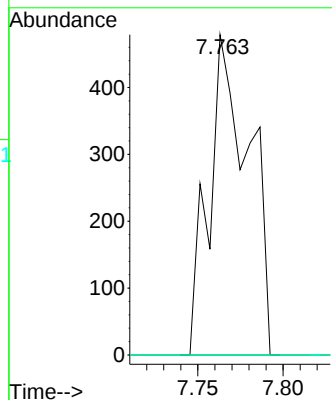
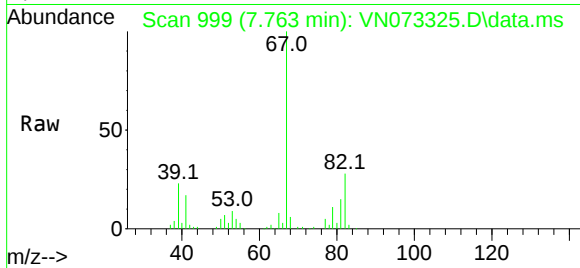




#28
Bromochloromethane
Concen: 0.272 ug/l
RT: 7.763 min Scan# 91
Delta R.T. 0.182 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

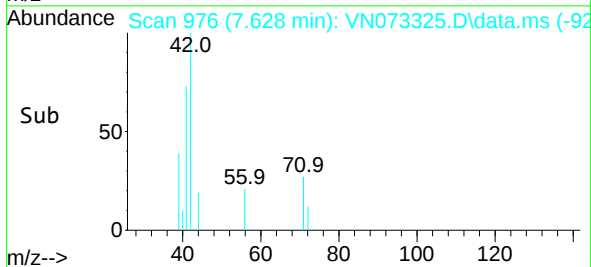
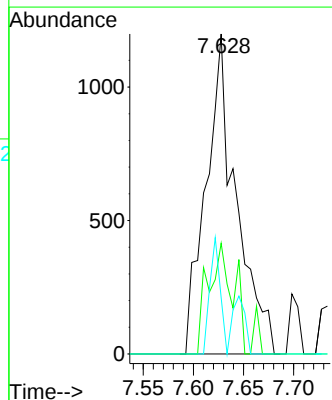
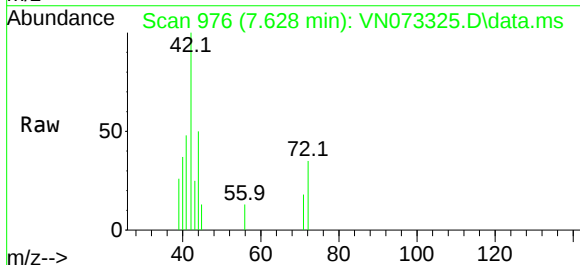
Instrument :
MSVOA_N
ClientSampleId :

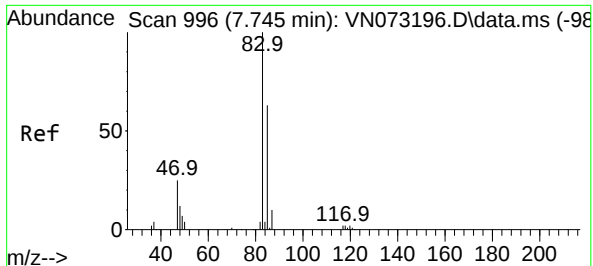
Tgt Ion: 49 Resp: 783
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 0.991 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.018 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 42 Resp: 2516
Ion Ratio Lower Upper
42 100
72 28.6 39.7 59.5#
71 12.5 36.6 55.0#

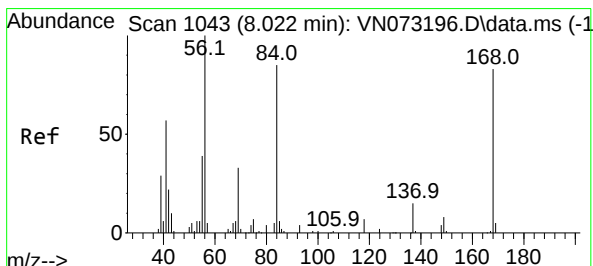
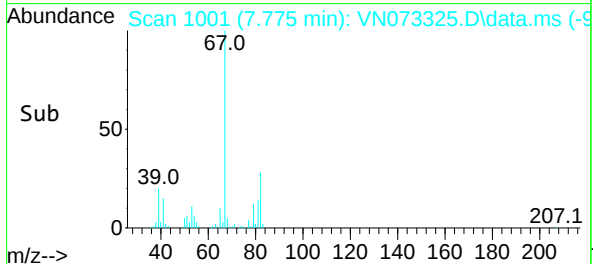
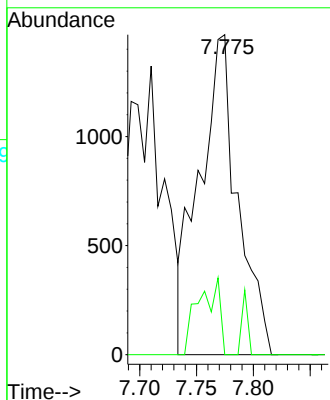
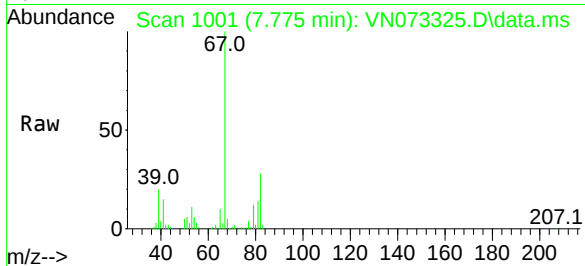




#30
Chloroform
Concen: 0.494 ug/l
RT: 7.775 min Scan# 1001
Delta R.T. 0.030 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

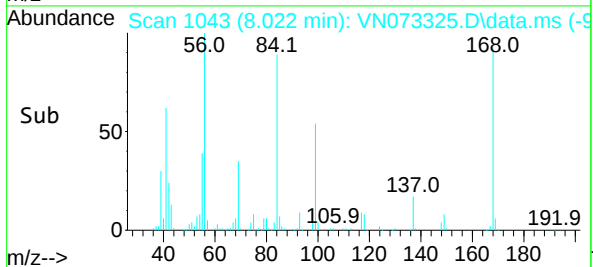
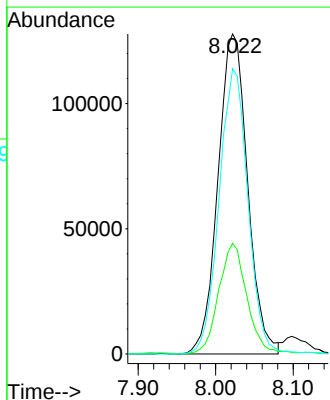
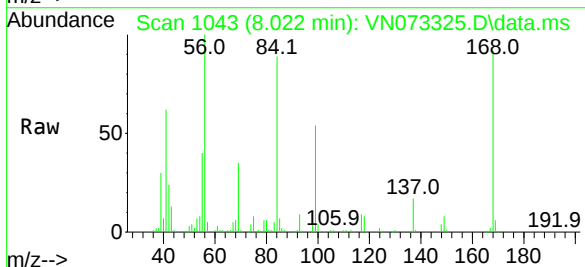
Instrument :
MSVOA_N
ClientSampleId :

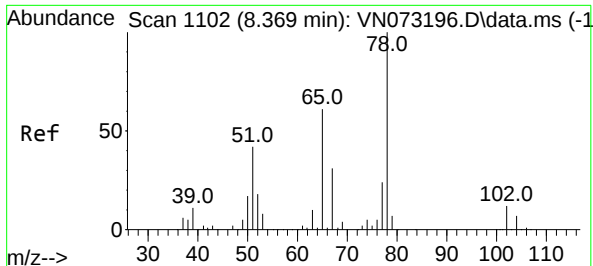
Tgt Ion: 83 Resp: 3427
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 50.116 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 56 Resp: 340572
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.8
84 89.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.544 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

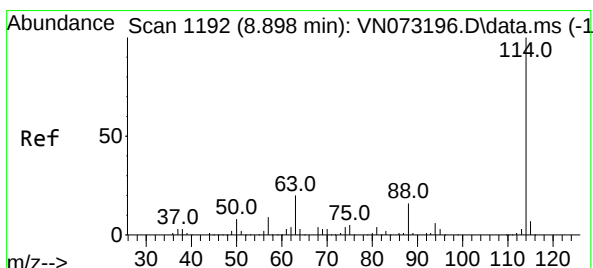
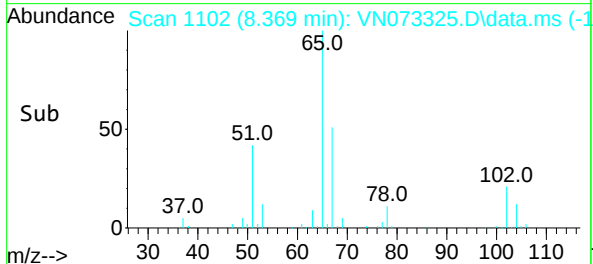
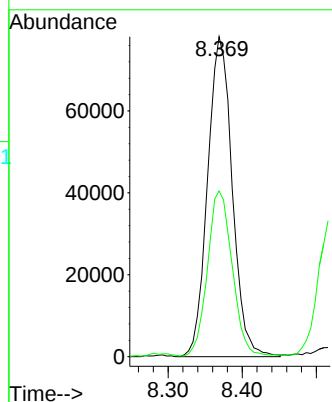
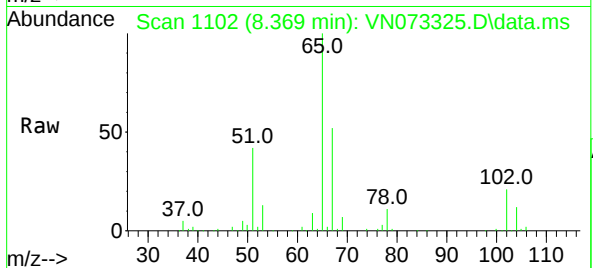
ClientSampleId :

Tgt Ion: 65 Resp: 180679

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

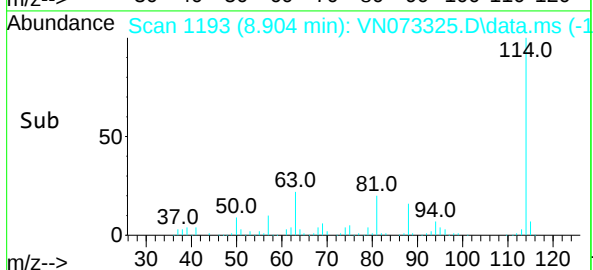
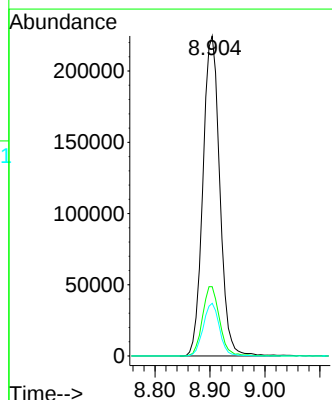
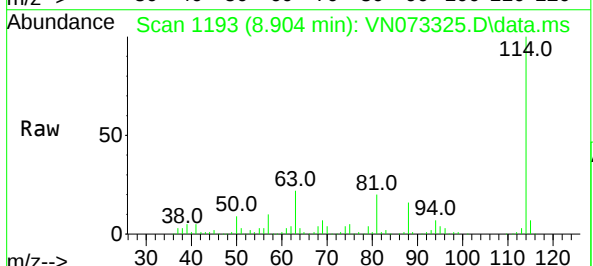
Tgt Ion: 114 Resp: 479010

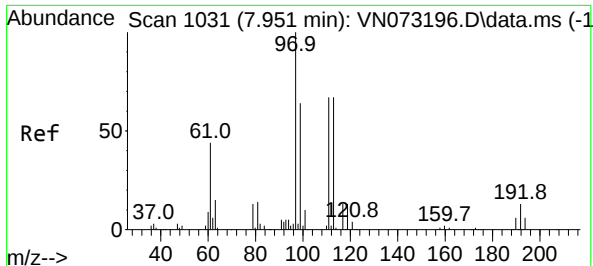
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.689 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

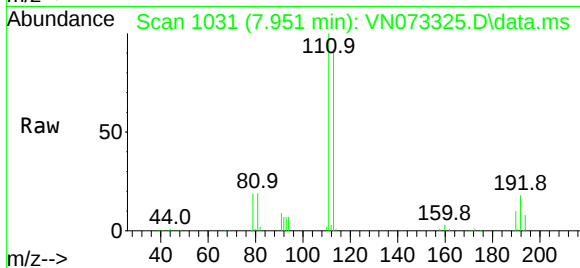
Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

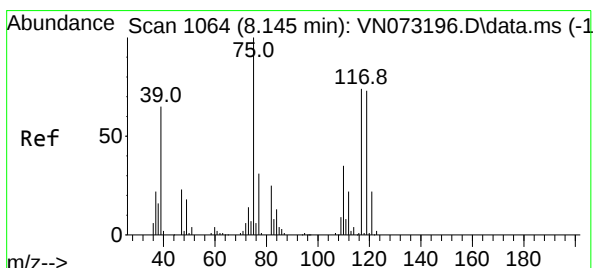
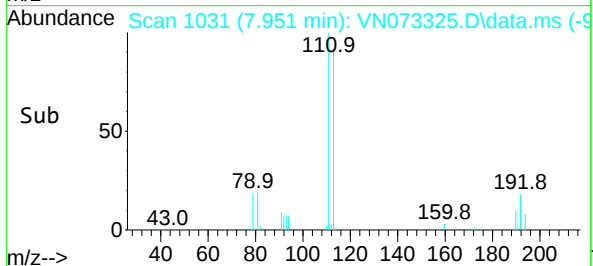
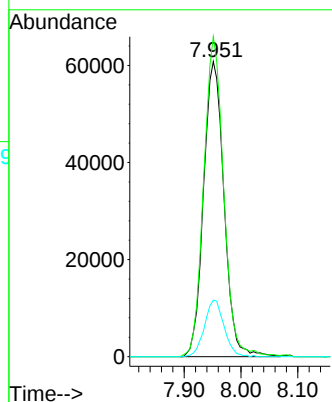
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	151981
Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.4	122.0
192	18.4	17.0	25.6



#36

1,1-Dichloropropene

Concen: 4.963 ug/l

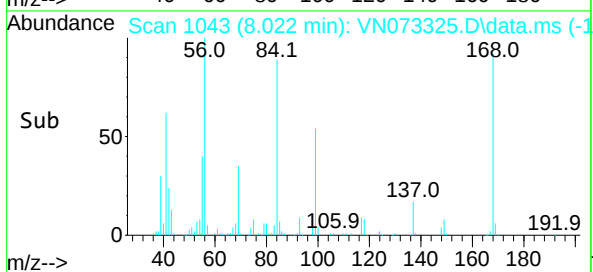
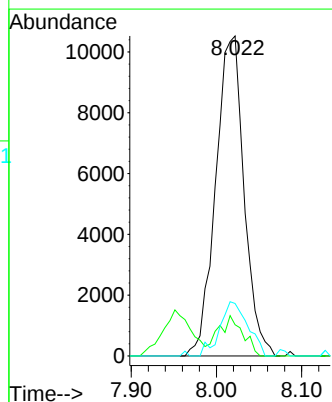
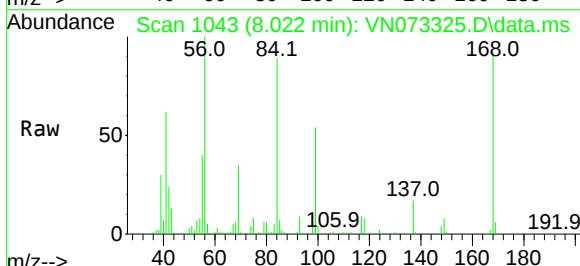
RT: 8.022 min Scan# 1043

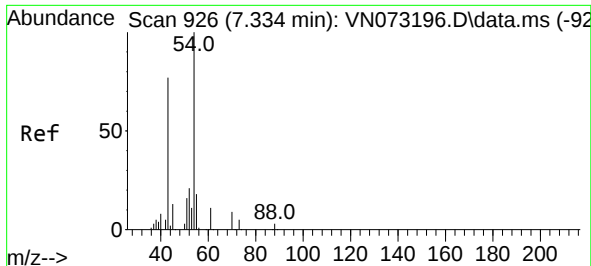
Delta R.T. -0.123 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

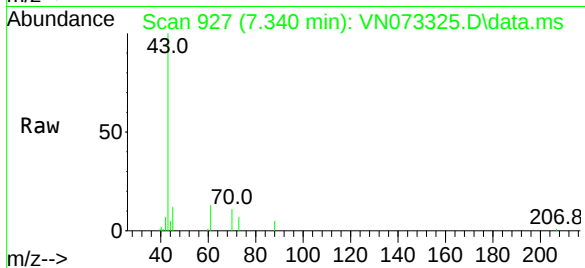
Tgt Ion:	75	Resp:	24339
Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.3	54.8#
77	16.7	25.1	37.7#



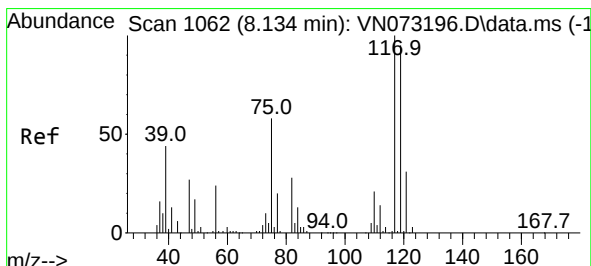
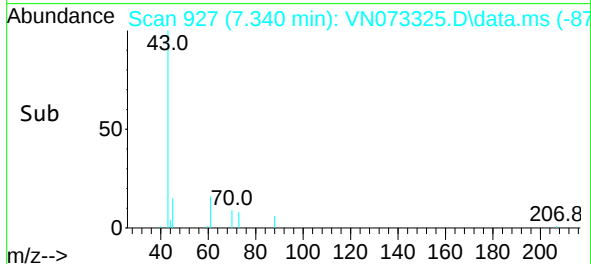
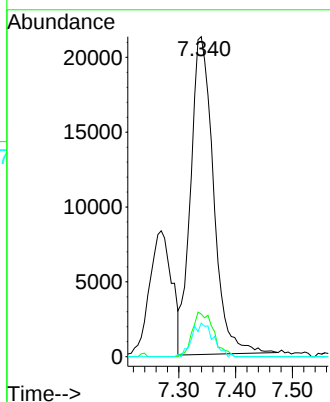


#37
Ethyl Acetate
Concen: 8.016 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :

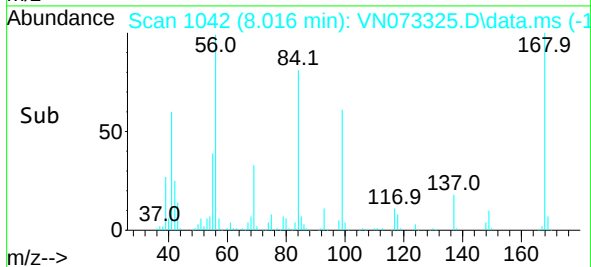
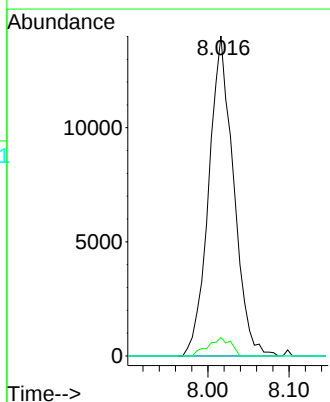
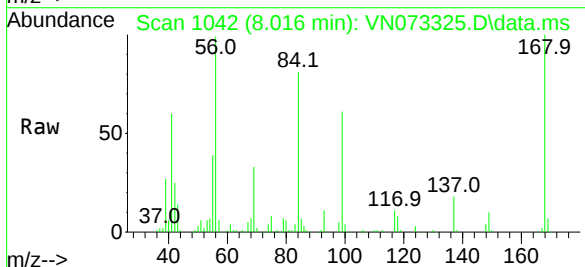


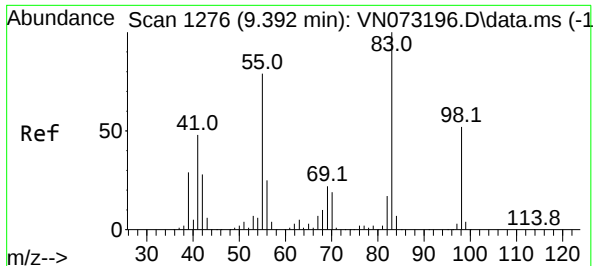
Tgt Ion: 43 Resp: 59396
Ion Ratio Lower Upper
43 100
61 13.0 11.8 17.6
70 9.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 117 Resp: 29768
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 43.148 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

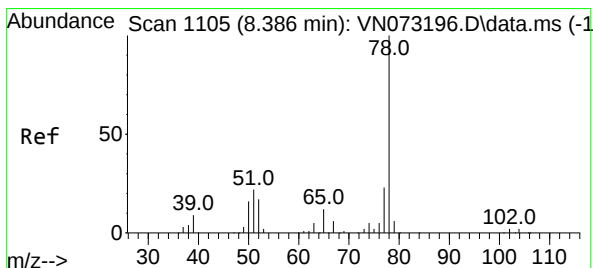
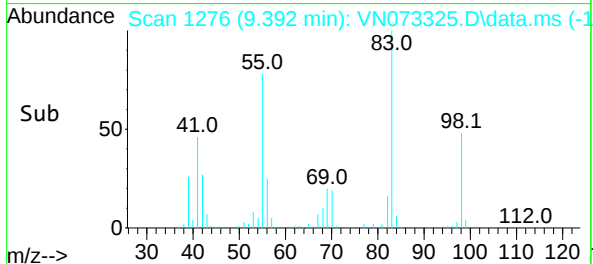
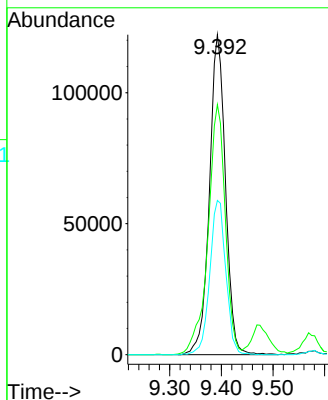
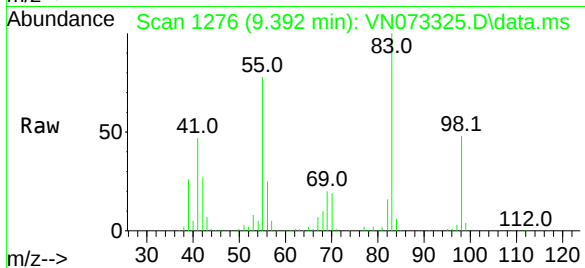
Tgt Ion: 83 Resp: 263423

Ion Ratio Lower Upper

83 100

55 77.9 57.8 86.8

98 48.2 39.4 59.2



#40

Benzene

Concen: 3.738 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073325.D

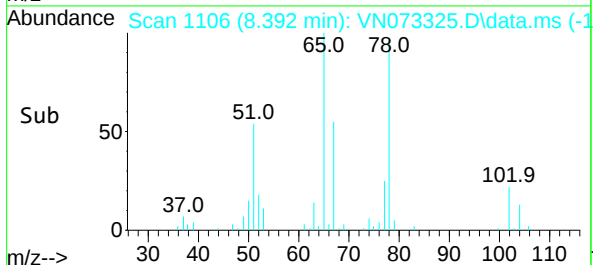
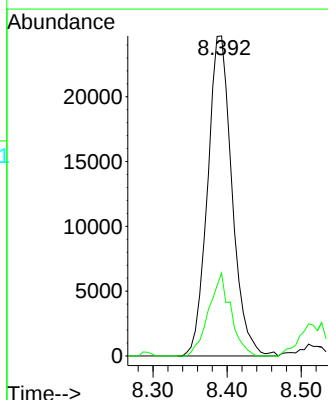
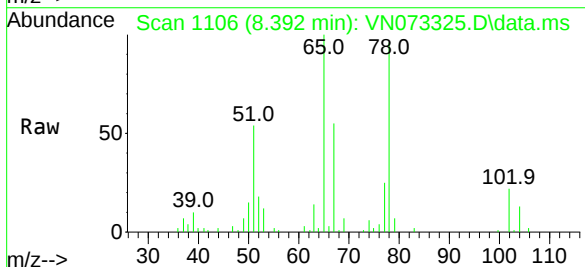
Acq: 05 Jul 2022 19:14

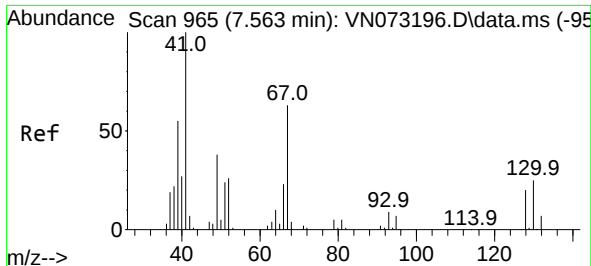
Tgt Ion: 78 Resp: 56574

Ion Ratio Lower Upper

78 100

77 25.9 19.4 29.0

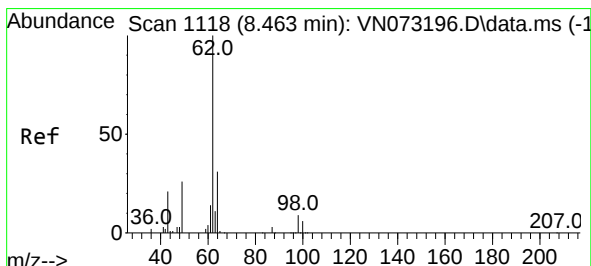
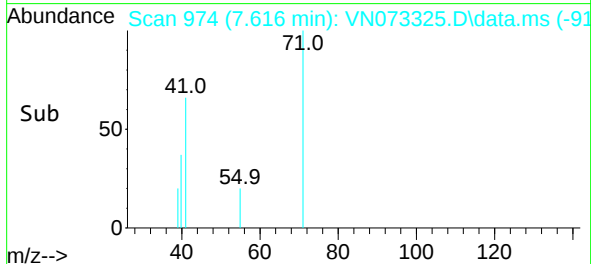
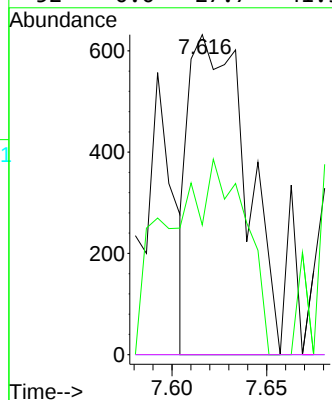
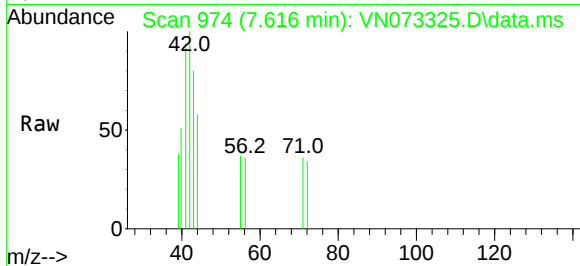




#41
Methacrylonitrile
Concen: 0.368 ug/l
RT: 7.616 min Scan# 91
Delta R.T. 0.053 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

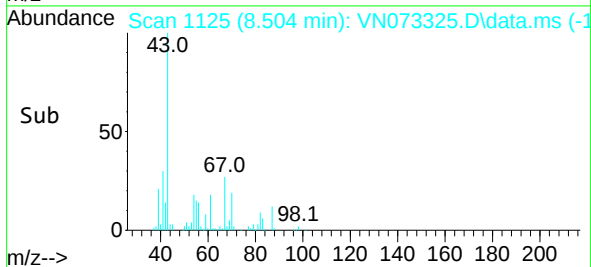
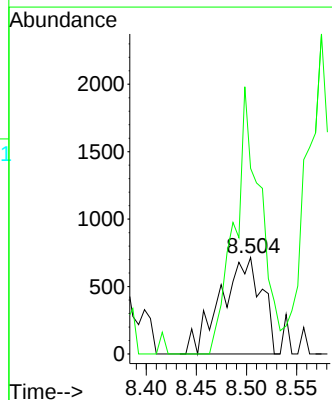
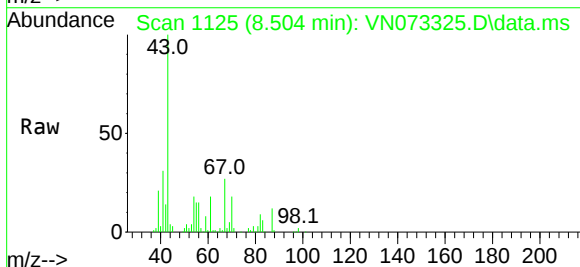
Instrument :
MSVOA_N
ClientSampleId :

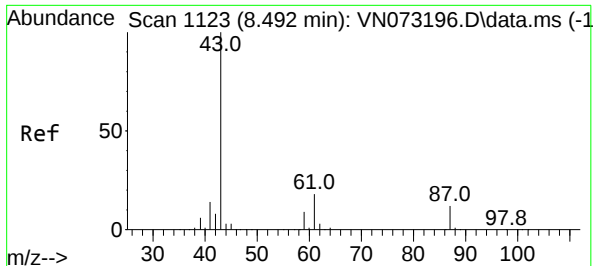
Tgt Ion: 41 Resp: 1323
Ion Ratio Lower Upper
41 100
39 83.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.371 ug/l
RT: 8.504 min Scan# 1125
Delta R.T. 0.041 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

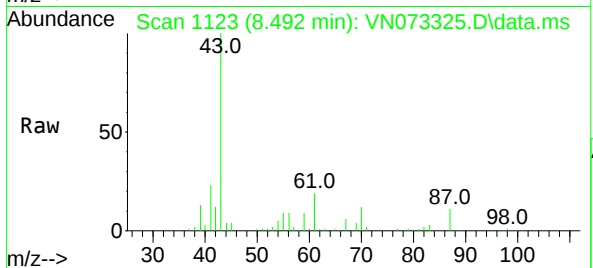
Tgt Ion: 62 Resp: 2034
Ion Ratio Lower Upper
62 100
98 175.5 0.0 19.4#



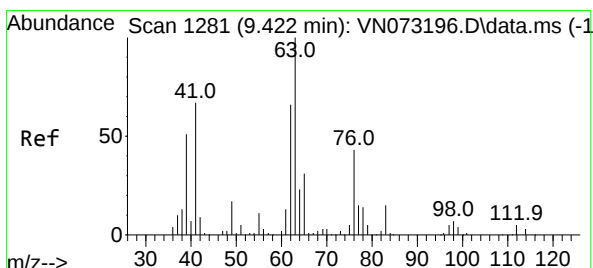
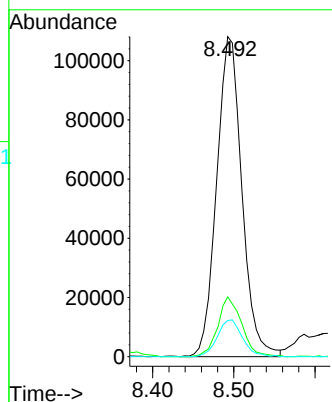
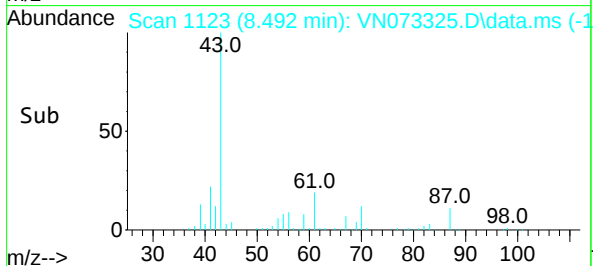


#43
Isopropyl Acetate
Concen: 21.981 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :

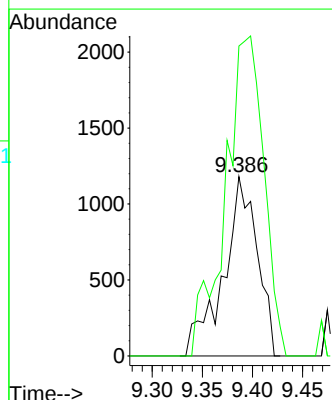
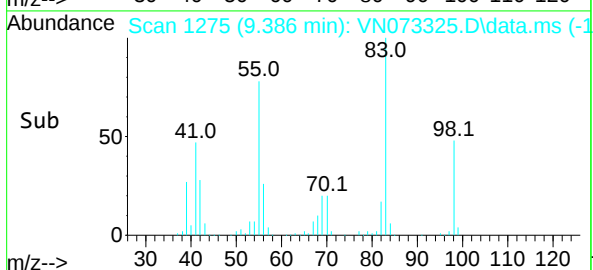
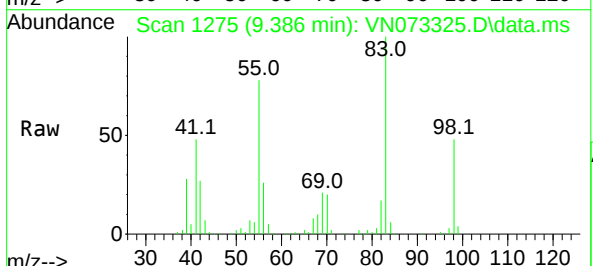


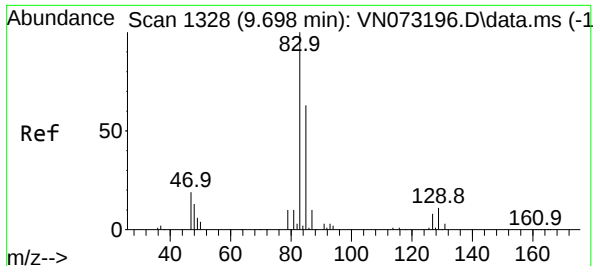
Tgt Ion: 43 Resp: 234062
Ion Ratio Lower Upper
43 100
61 17.7 21.9 32.9#
87 11.5 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.719 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.036 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

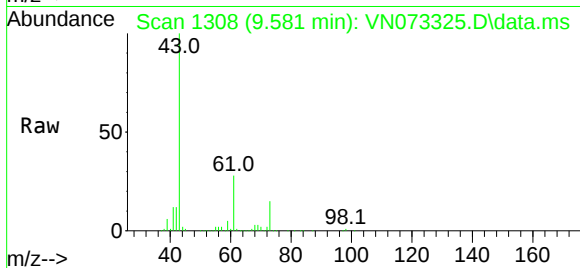
Tgt Ion: 63 Resp: 2772
Ion Ratio Lower Upper
63 100
65 172.7 24.9 37.3#



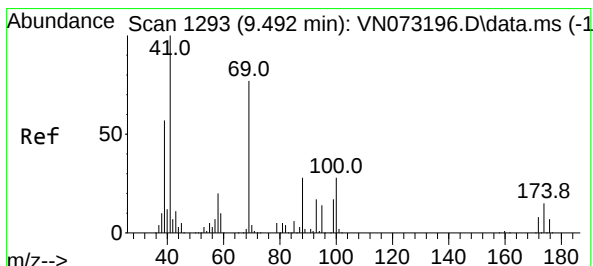
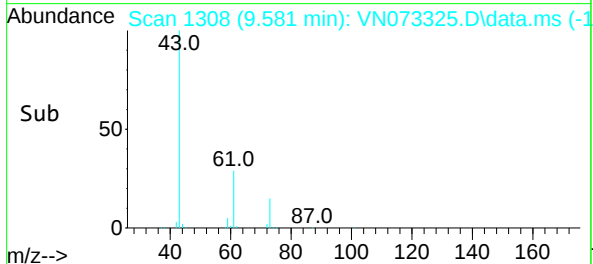
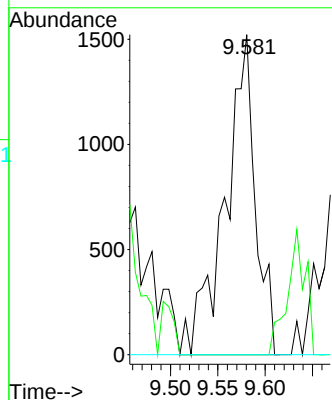


#47
Bromodichloromethane
Concen: 0.669 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.117 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :

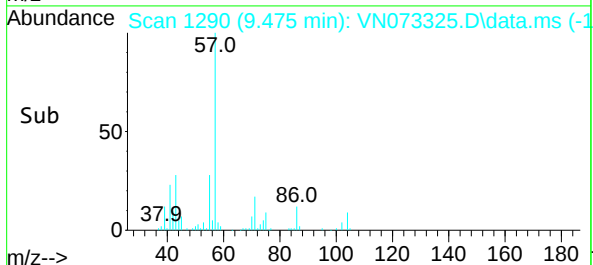
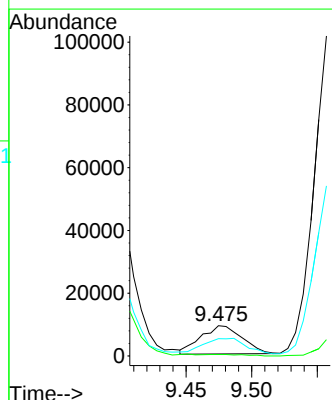
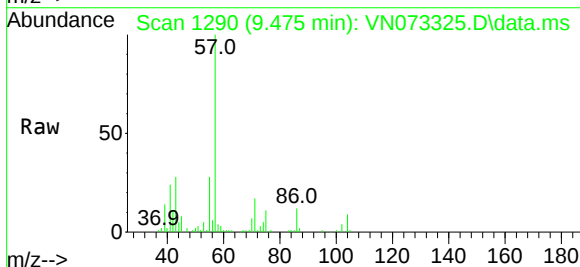


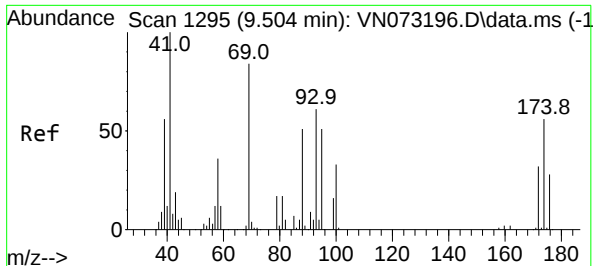
Tgt Ion: 83 Resp: 3396
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 3.994 ug/l
RT: 9.475 min Scan# 1290
Delta R.T. -0.017 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 41 Resp: 19694
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 63.8 45.6 68.4





#49

1,4-Dioxane

Concen: 0.780 ug/l

RT: 9.469 min Scan# 1289

Delta R.T. -0.035 min

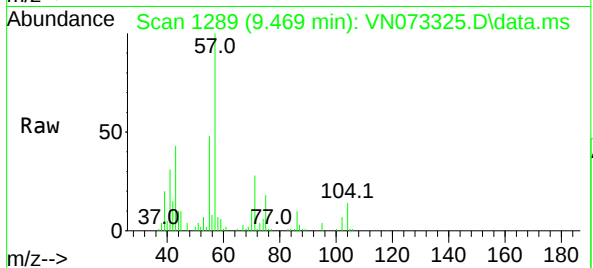
Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

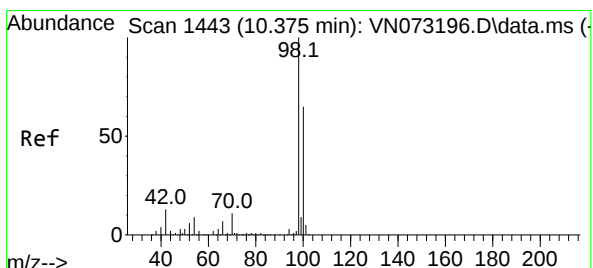
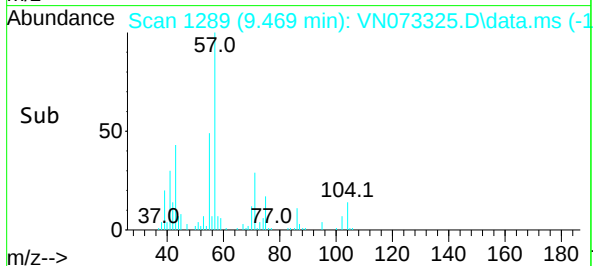
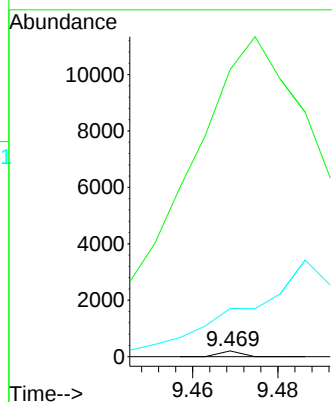
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	88	Resp:	73
Ion Ratio	Lower	Upper	
88	100		
43	0.0	20.2	30.4#
58	8872.6	54.2	81.4#



#50

Toluene-d8

Concen: 45.666 ug/l

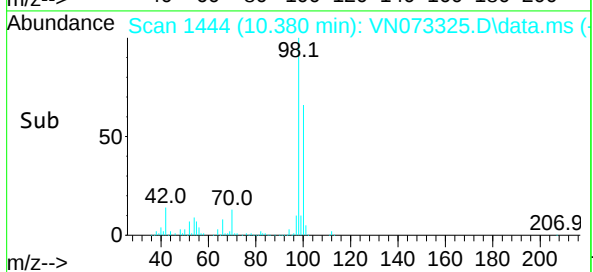
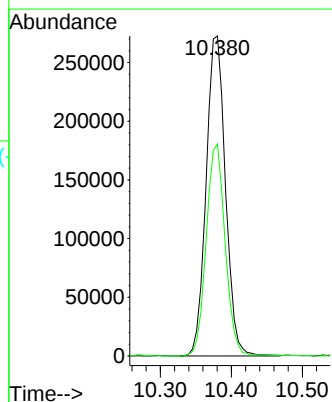
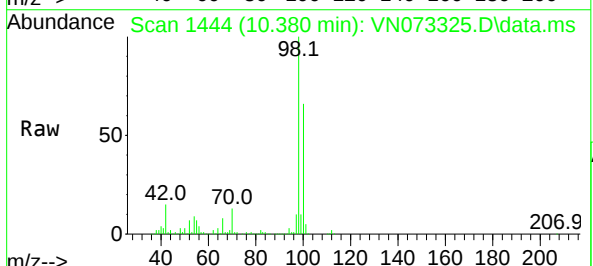
RT: 10.380 min Scan# 1444

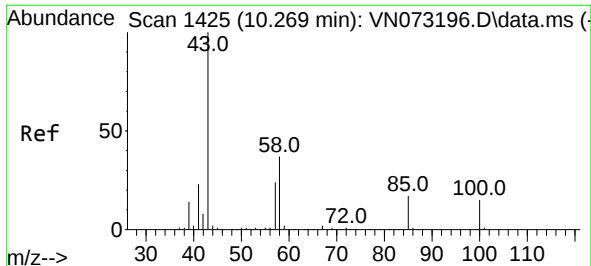
Delta R.T. 0.005 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Tgt Ion:	98	Resp:	516893
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.6	78.8

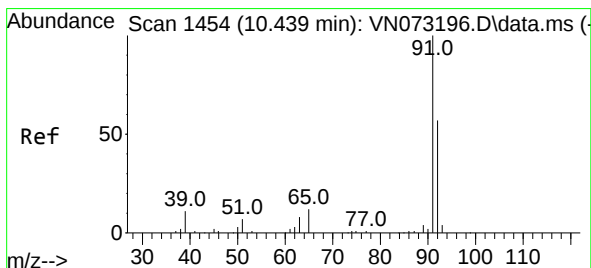
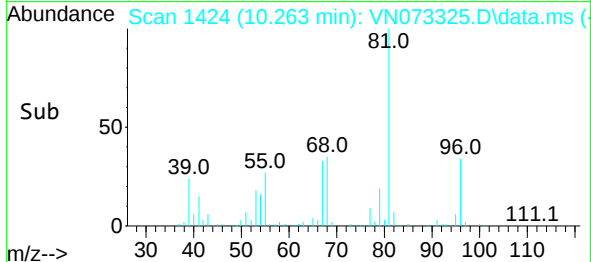
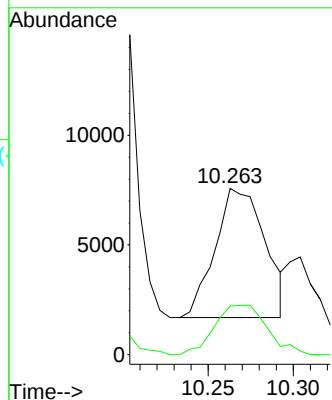
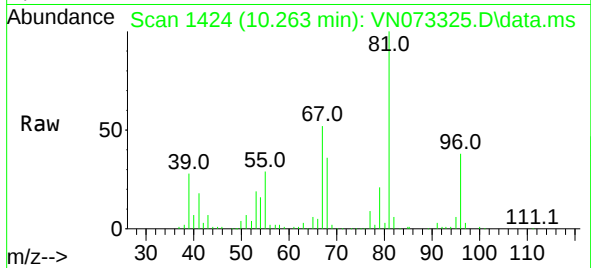




#51
4-Methyl-2-Pentanone
Concen: 1.777 ug/l
RT: 10.263 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

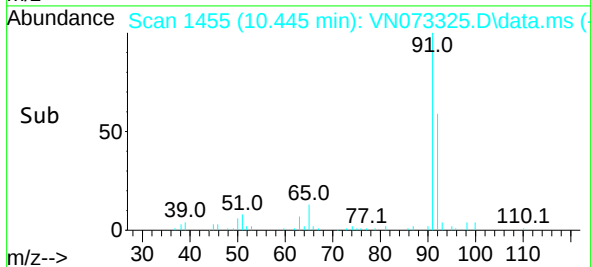
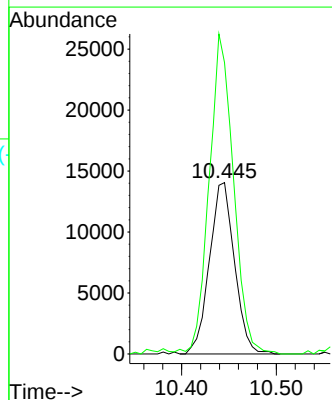
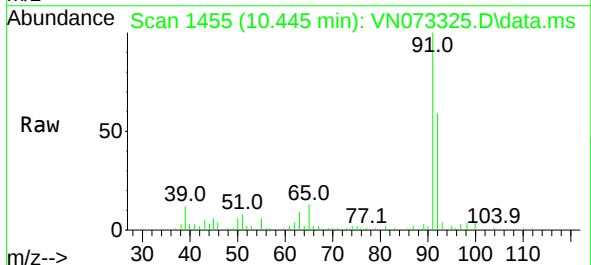
Instrument :
MSVOA_N
ClientSampleId :

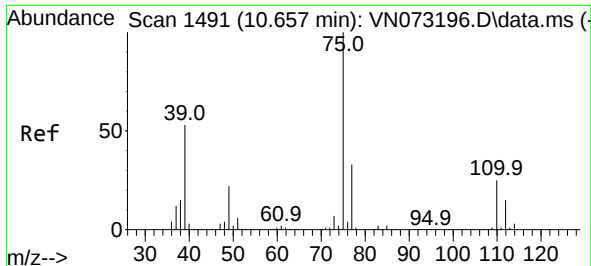
Tgt Ion: 43 Resp: 12003
Ion Ratio Lower Upper
43 100
58 40.2 34.1 51.1



#52
Toluene
Concen: 2.765 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 92 Resp: 25859
Ion Ratio Lower Upper
92 100
91 181.5 138.6 207.8

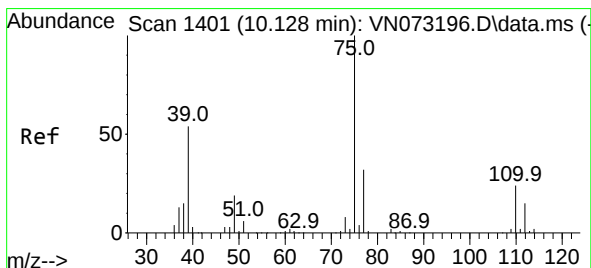
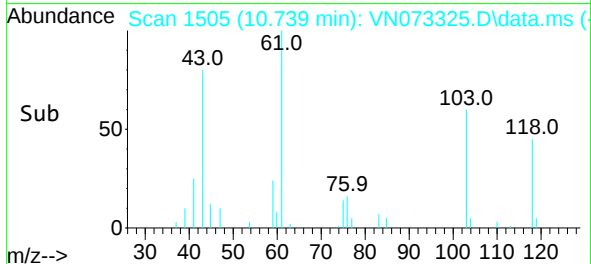
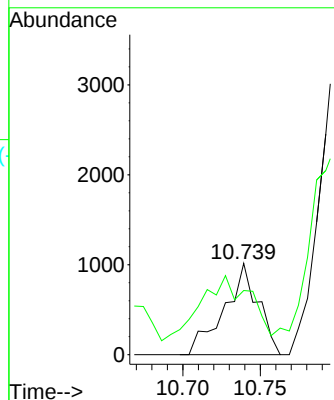
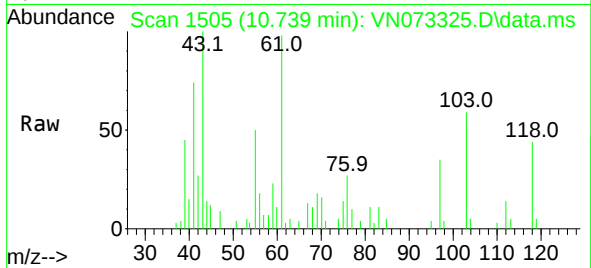




#53
 t-1,3-Dichloropropene
 Concen: 0.276 ug/l
 RT: 10.739 min Scan# 11
 Delta R.T. 0.082 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

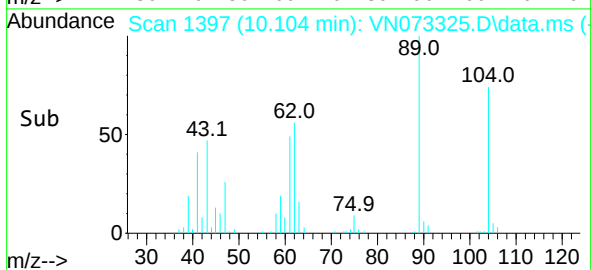
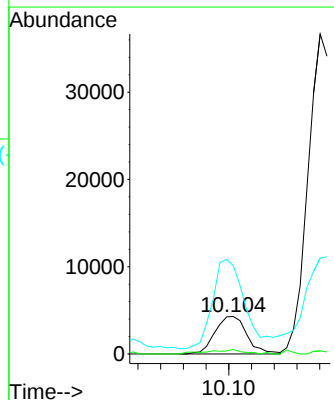
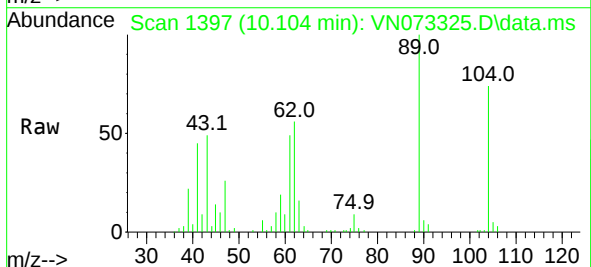
Instrument :
 MSVOA_N
 ClientSampleId :

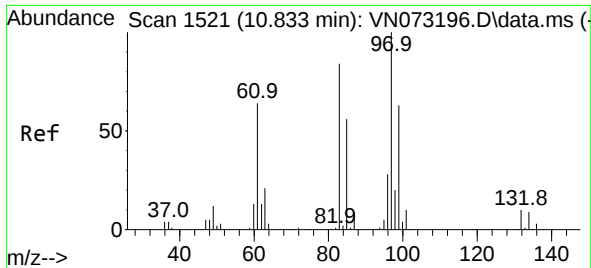
Tgt Ion: 75 Resp: 1540
 Ion Ratio Lower Upper
 75 100
 77 42.8 25.6 38.4#



#54
 cis-1,3-Dichloropropene
 Concen: 1.390 ug/l
 RT: 10.104 min Scan# 1397
 Delta R.T. -0.024 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

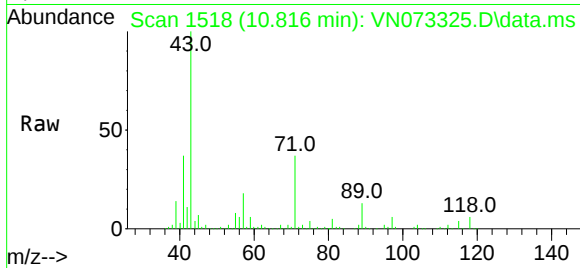
Tgt Ion: 75 Resp: 8380
 Ion Ratio Lower Upper
 75 100
 77 11.9 25.2 37.8#
 39 221.1 35.7 53.5#



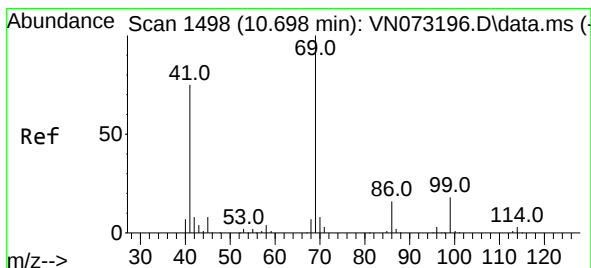
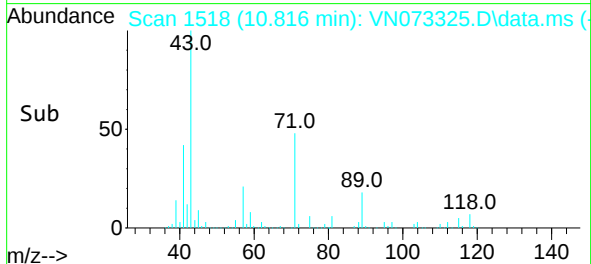
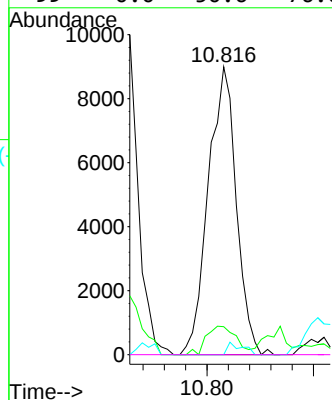


#55
1,1,2-Trichloroethane
Concen: 4.268 ug/l
RT: 10.816 min Scan# 1501
Delta R.T. -0.017 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :

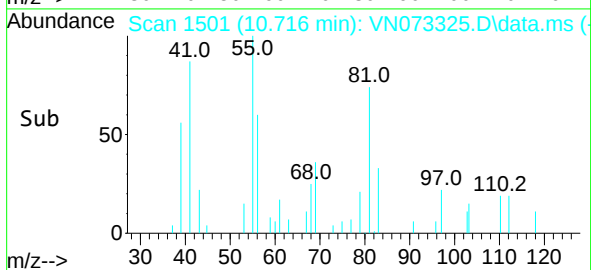
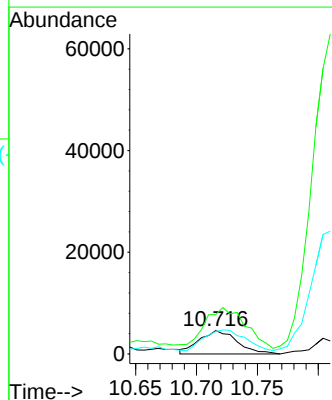
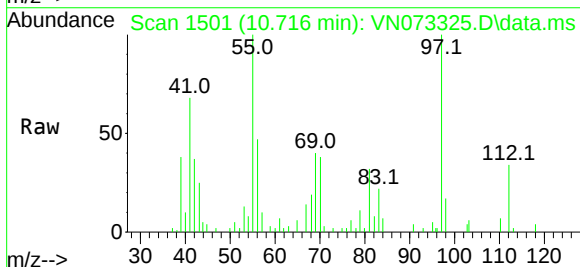


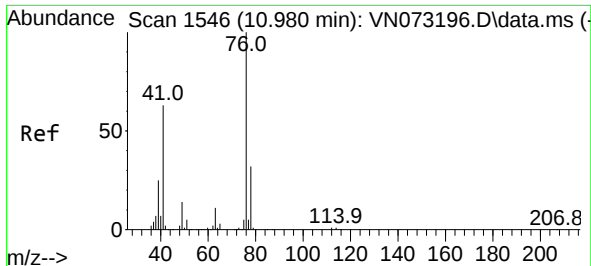
Tgt Ion:	97	Resp:	16435
Ion	Ratio	Lower	Upper
97	100		
83	9.7	66.2	99.4#
85	0.0	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 1.594 ug/l
RT: 10.716 min Scan# 1501
Delta R.T. 0.018 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion:	69	Resp:	9922
Ion	Ratio	Lower	Upper
69	100		
41	190.5	47.8	71.6#
39	94.9	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 1.228 ug/l

RT: 11.033 min Scan# 1103

Delta R.T. 0.053 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

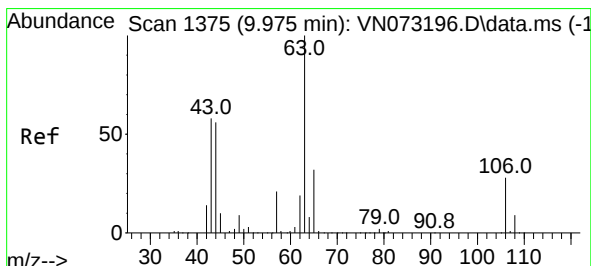
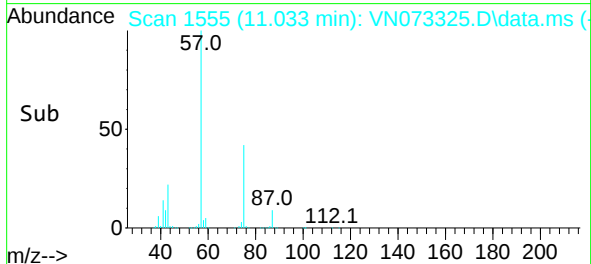
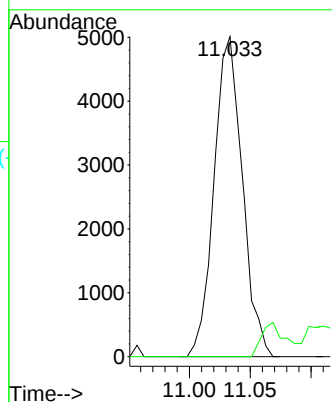
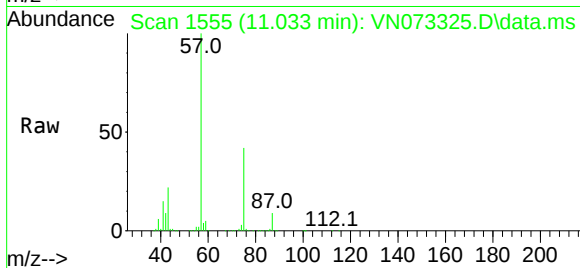
ClientSampleId :

Tgt Ion: 76 Resp: 8103

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.362 ug/l

RT: 9.969 min Scan# 1374

Delta R.T. -0.006 min

Lab File: VN073325.D

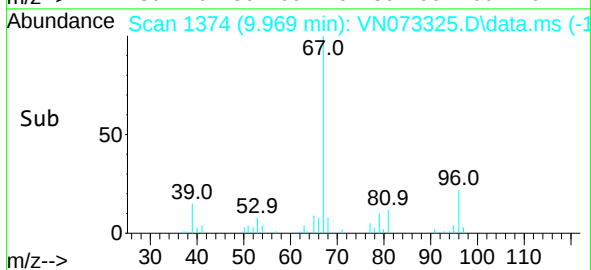
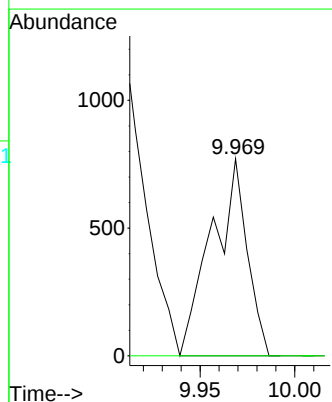
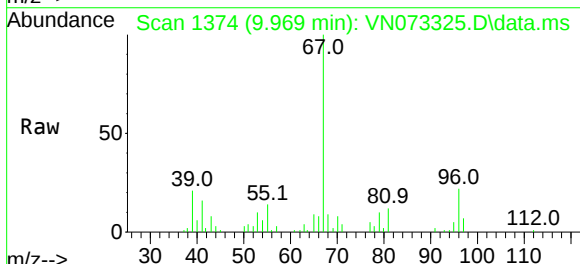
Acq: 05 Jul 2022 19:14

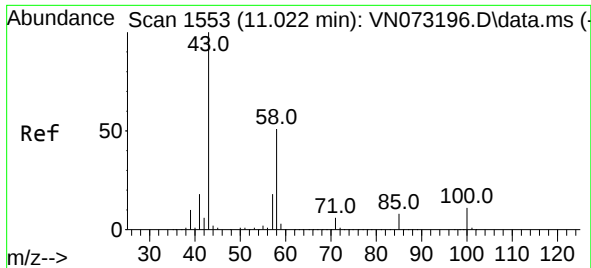
Tgt Ion: 63 Resp: 1005

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#

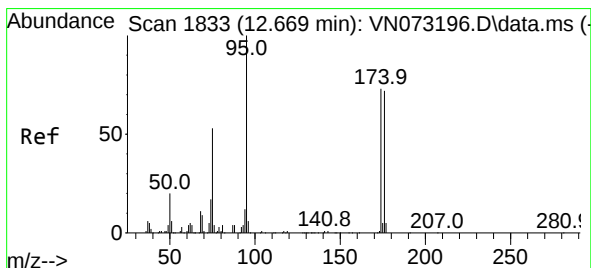
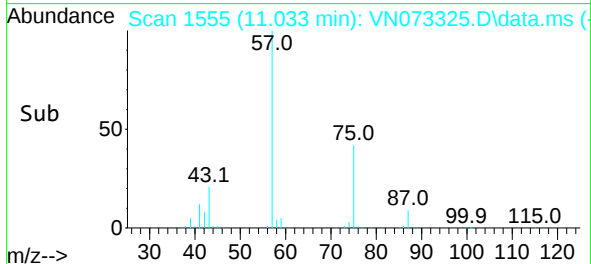
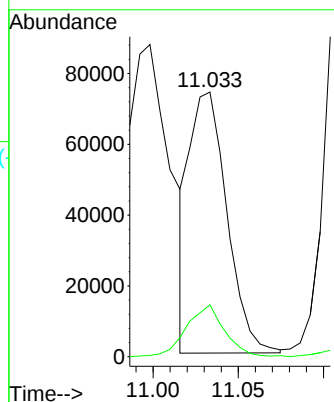
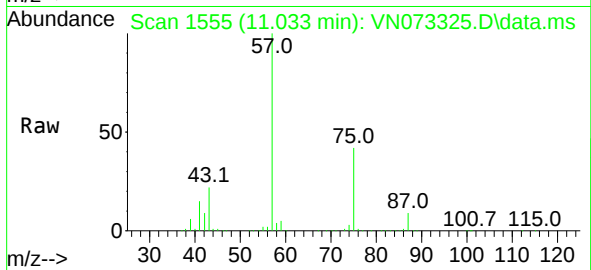




#59
2-Hexanone
Concen: 21.940 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

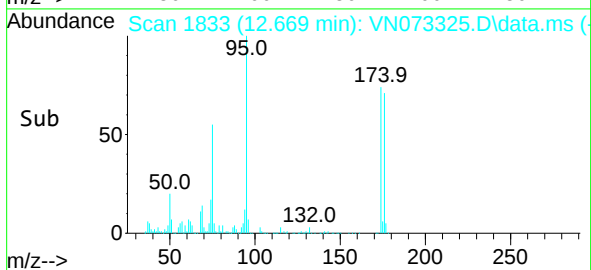
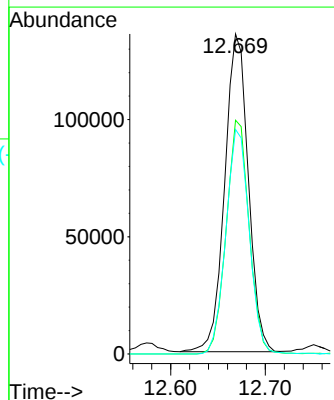
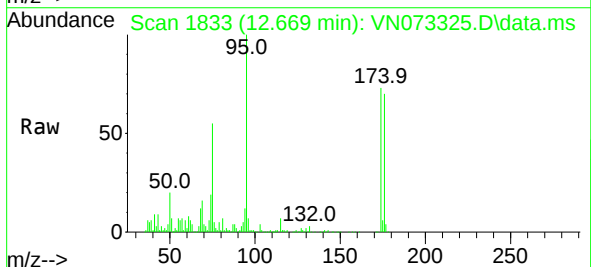
Instrument :
MSVOA_N
ClientSampleId :

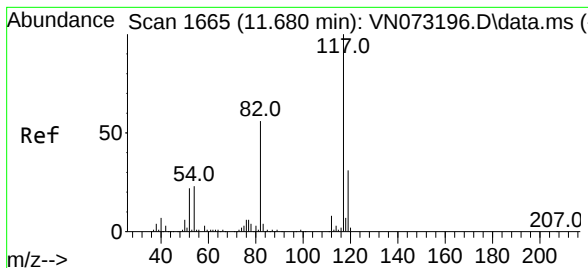
Tgt Ion: 43 Resp: 112935
Ion Ratio Lower Upper
43 100
58 20.3 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 53.935 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

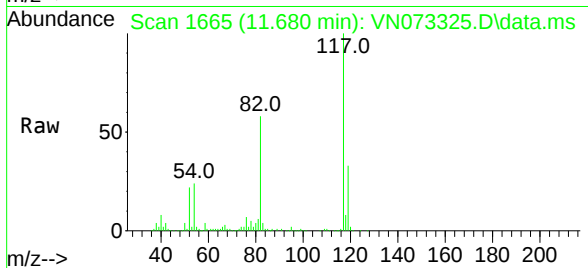
Tgt Ion: 95 Resp: 234606
Ion Ratio Lower Upper
95 100
174 71.4 0.0 167.6
176 69.9 0.0 163.4



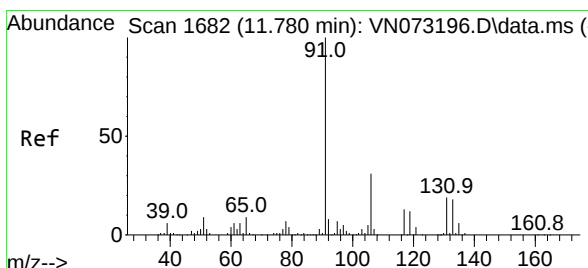
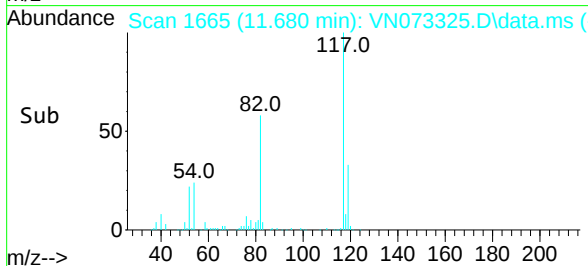
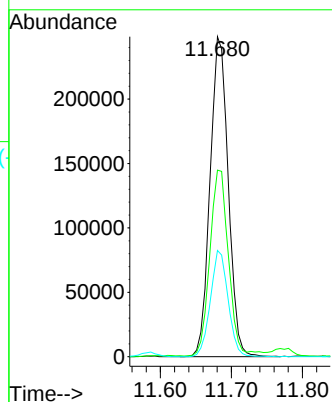


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :

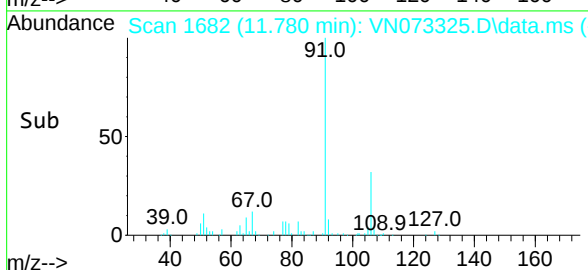
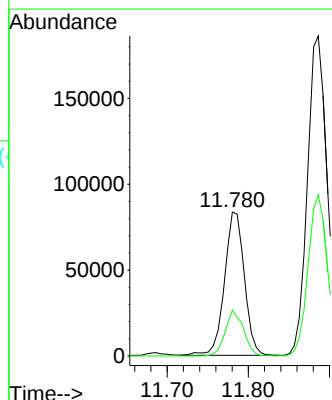
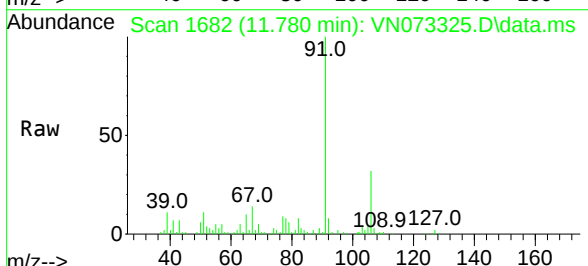


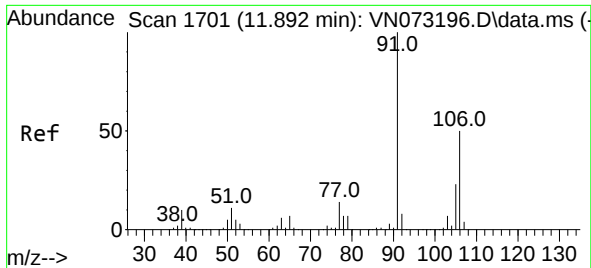
Tgt Ion:117 Resp: 441003
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 33.2 25.4 38.0



#67
Ethyl Benzene
Concen: 7.835 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 91 Resp: 141862
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

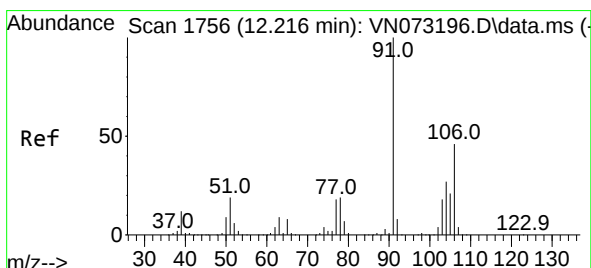
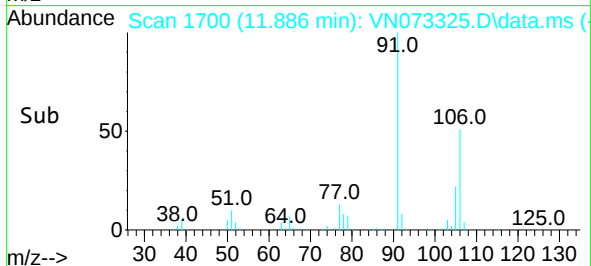
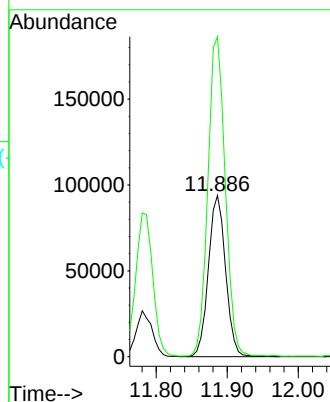
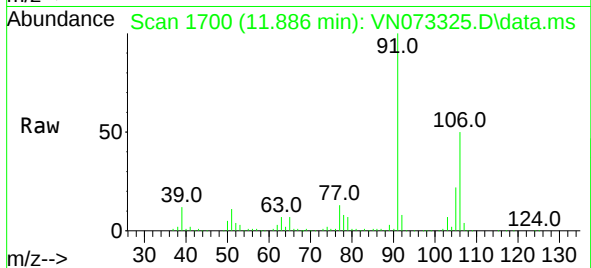




#68
m/p-Xylenes
Concen: 23.031 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

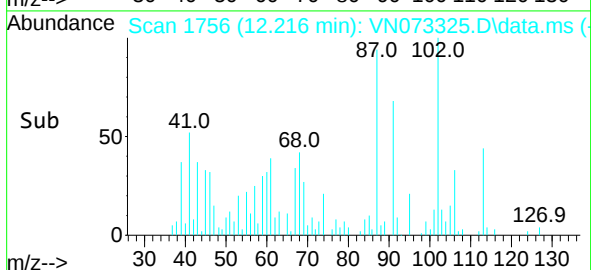
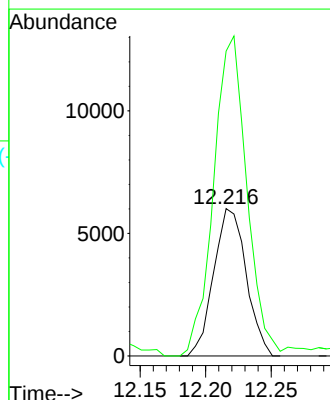
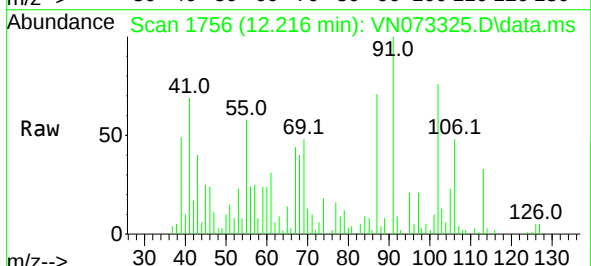
Instrument :
MSVOA_N
ClientSampleId :

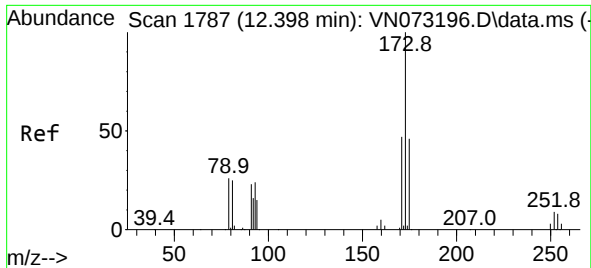
Tgt Ion:106 Resp: 157388
Ion Ratio Lower Upper
106 100
91 200.0 158.9 238.3



#69
o-Xylene
Concen: 1.486 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

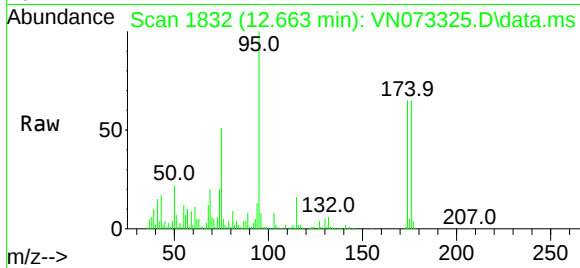
Tgt Ion:106 Resp: 10366
Ion Ratio Lower Upper
106 100
91 223.4 106.0 318.0



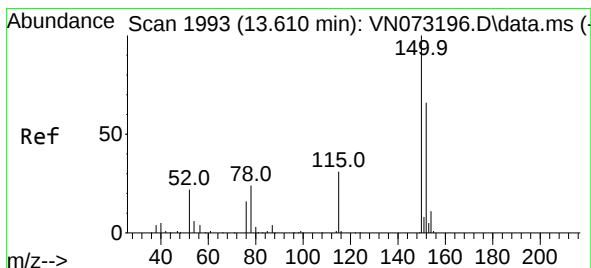
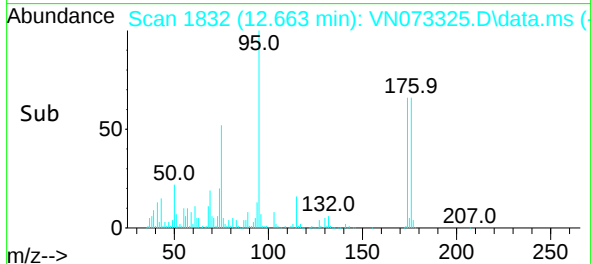
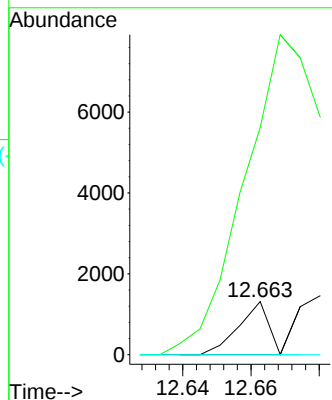


#71
Bromoform
Concen: 0.299 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :

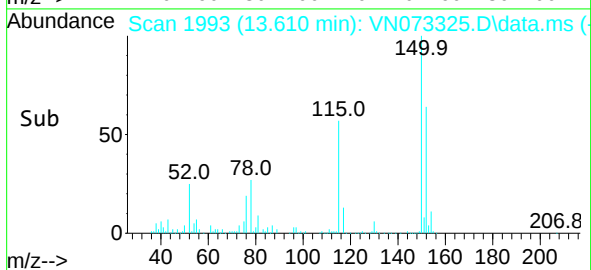
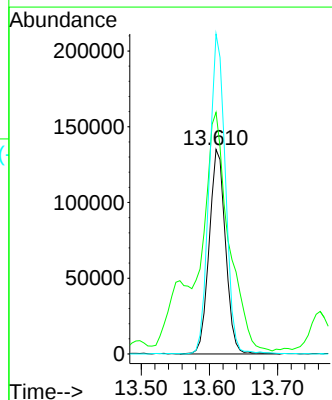
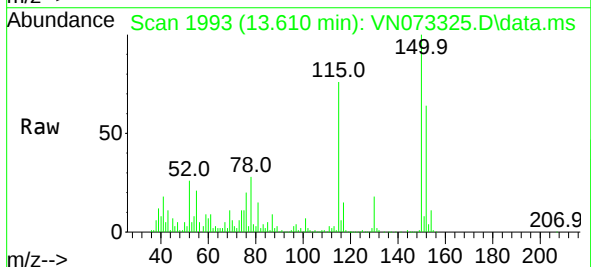


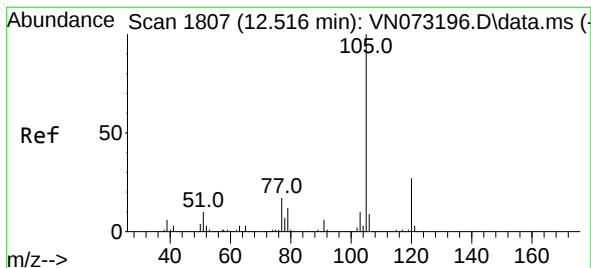
Tgt Ion:173 Resp: 803
Ion Ratio Lower Upper
173 100
175 1215.7 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion:152 Resp: 225554
Ion Ratio Lower Upper
152 100
115 173.0 28.9 86.7#
150 155.0 0.0 356.2





#73

Isopropylbenzene

Concen: 9.795 ug/l

RT: 12.516 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

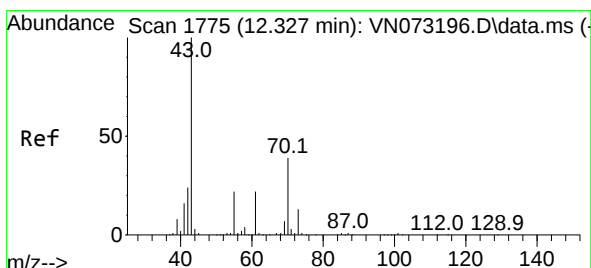
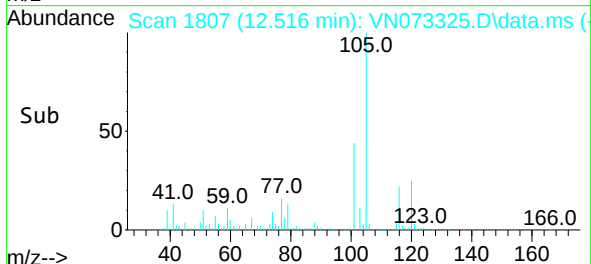
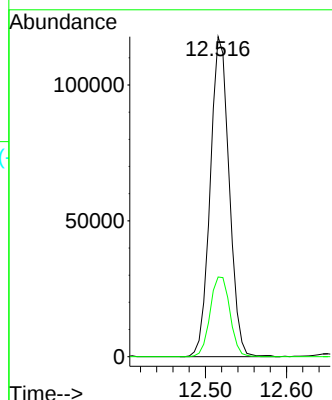
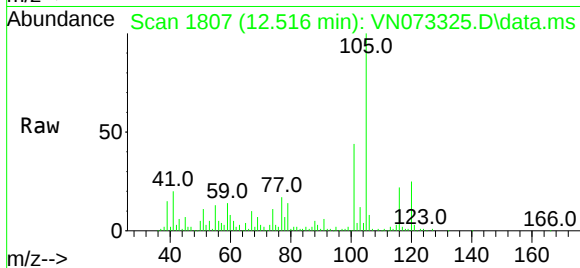
ClientSampleId :

Tgt Ion:105 Resp: 190781

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.4



#74

N-ethyl acetate

Concen: 3.414 ug/l

RT: 12.304 min Scan# 1771

Delta R.T. -0.023 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Tgt Ion: 43 Resp: 33294

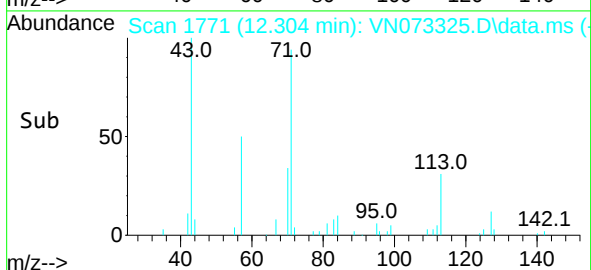
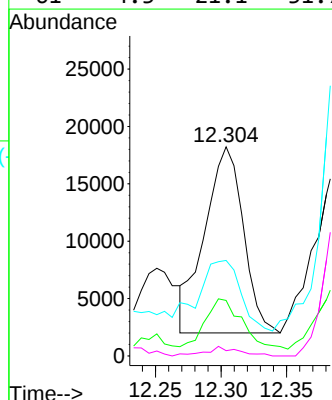
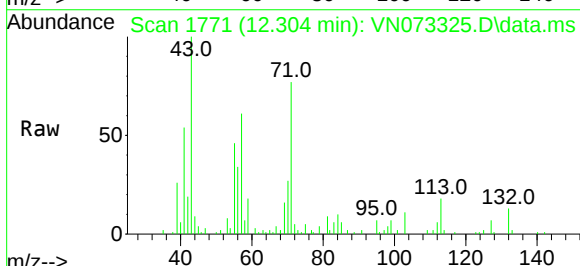
Ion Ratio Lower Upper

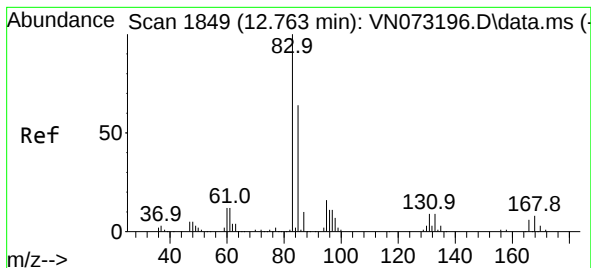
43 100

70 25.7 39.0 58.4#

55 41.7 21.1 31.7#

61 4.3 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.783 ug/l

RT: 12.757 min Scan# 1848

Delta R.T. -0.006 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

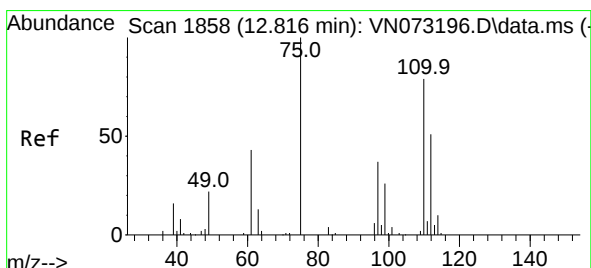
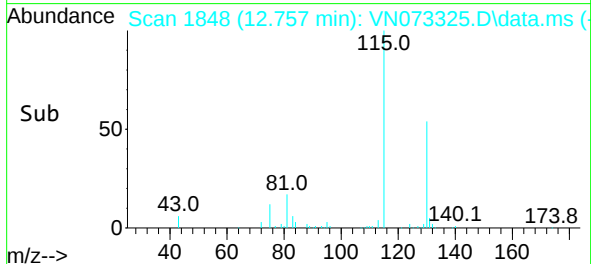
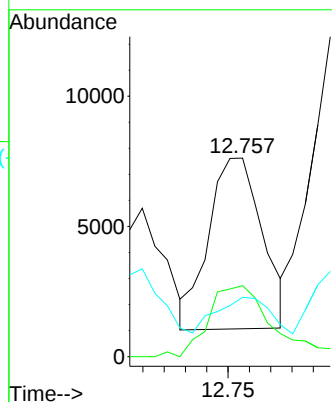
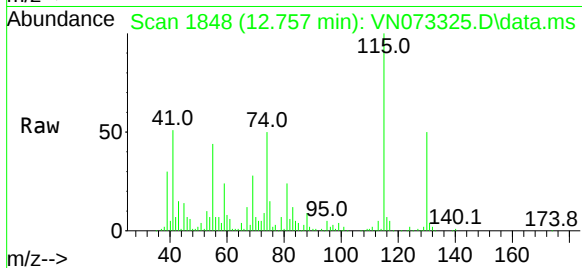
Tgt Ion: 83 Resp: 11527

Ion Ratio Lower Upper

83 100

131 49.8 5.3 15.9#

85 20.8 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 2.076 ug/l

RT: 12.939 min Scan# 1879

Delta R.T. 0.123 min

Lab File: VN073325.D

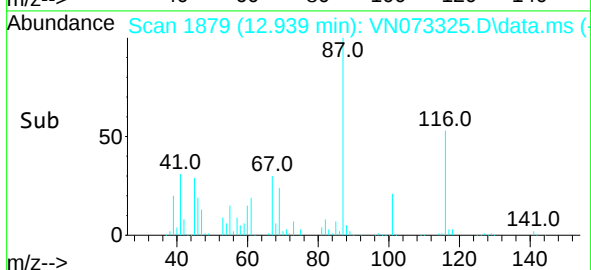
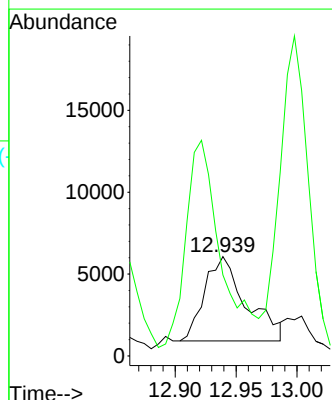
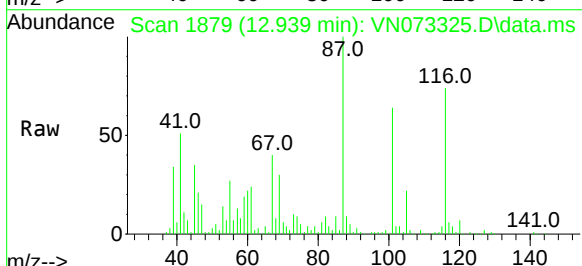
Acq: 05 Jul 2022 19:14

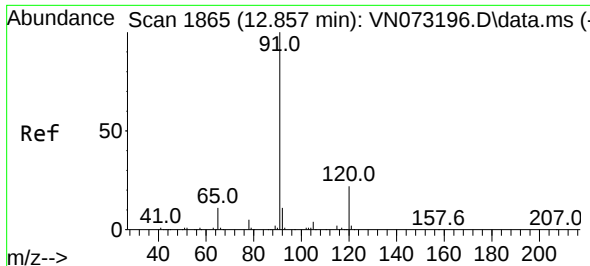
Tgt Ion: 75 Resp: 12243

Ion Ratio Lower Upper

75 100

77 206.0 98.5 295.5

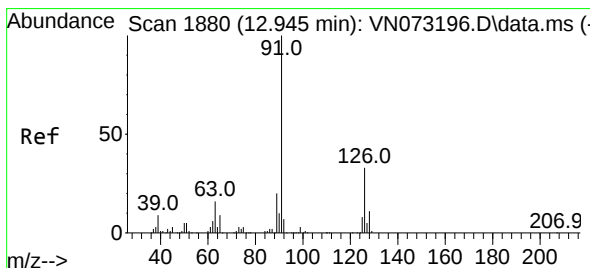
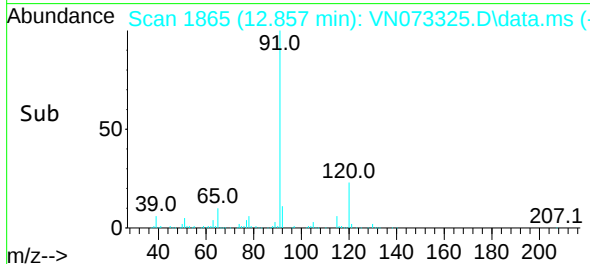
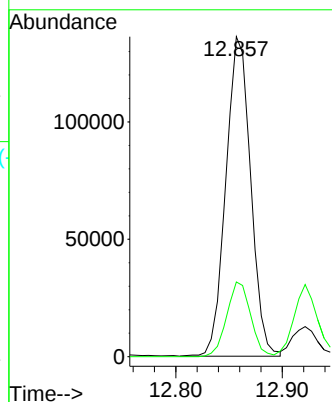
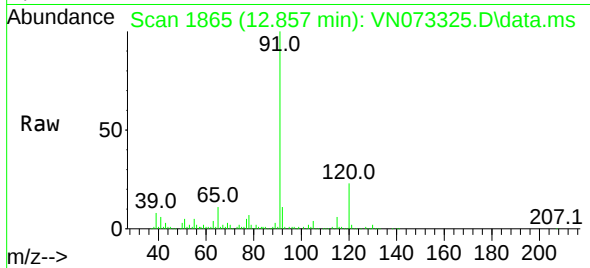




#78
n-propylbenzene
Concen: 10.185 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

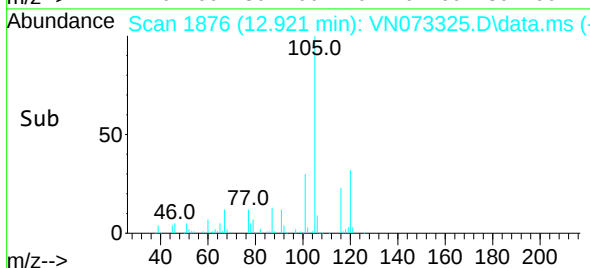
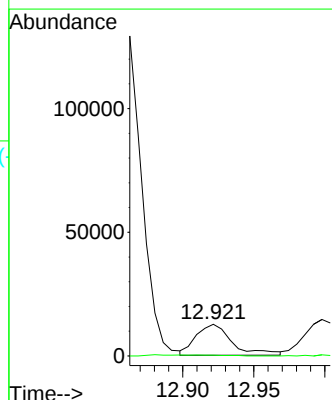
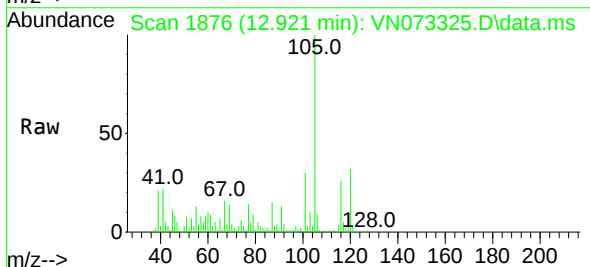
Instrument :
MSVOA_N
ClientSampleId :

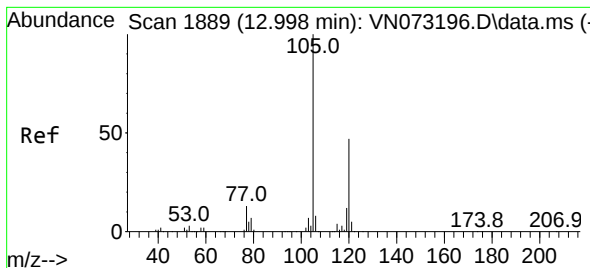
Tgt Ion: 91 Resp: 220381
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5



#79
2-Chlorotoluene
Concen: 1.620 ug/l
RT: 12.921 min Scan# 1876
Delta R.T. -0.024 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 91 Resp: 22188
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 14.024 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

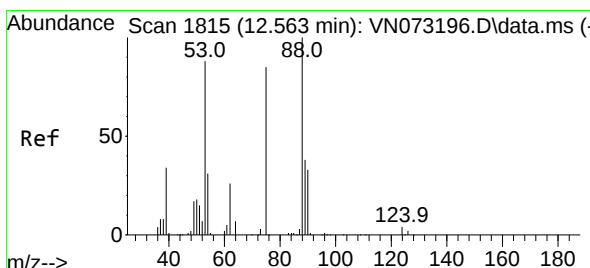
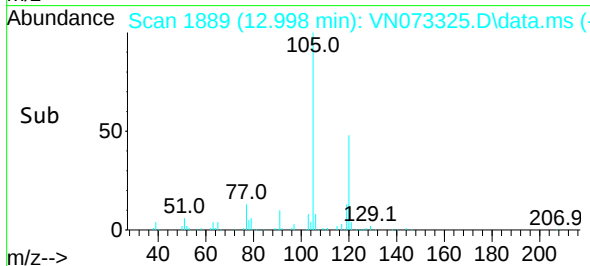
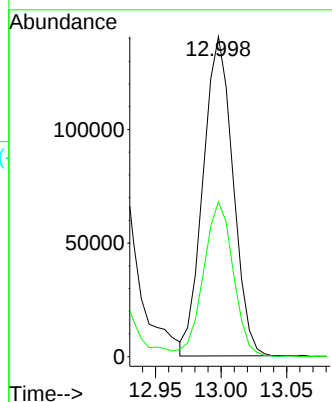
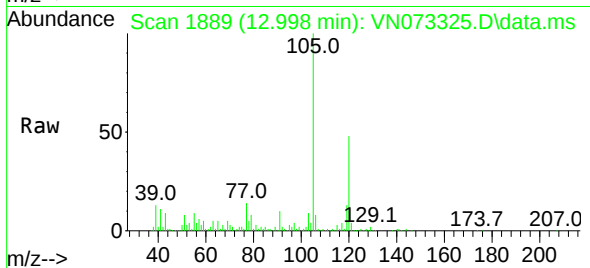
ClientSampleId :

Tgt Ion:105 Resp: 222636

Ion Ratio Lower Upper

105 100

120 48.6 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 63.358 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.106 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

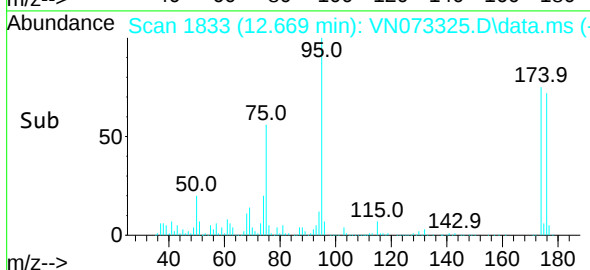
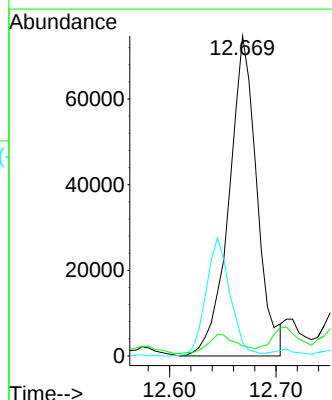
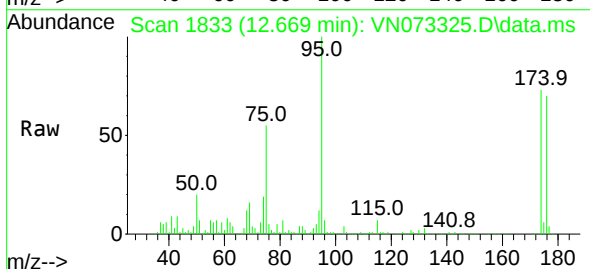
Tgt Ion: 75 Resp: 136255

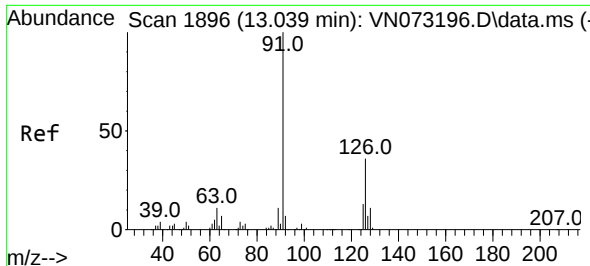
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

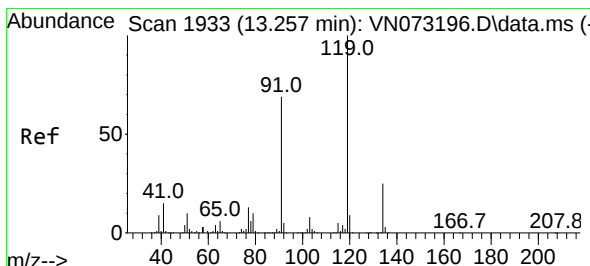
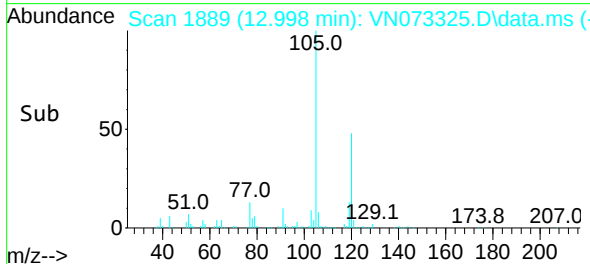
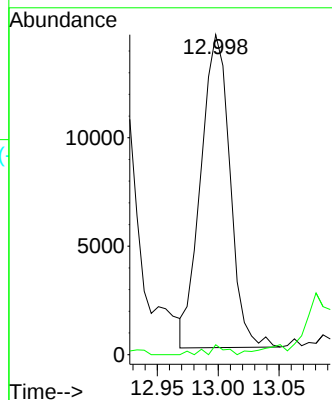
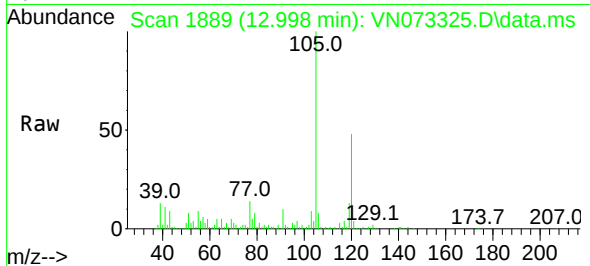




#82
4-Chlorotoluene
Concen: 1.816 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.041 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

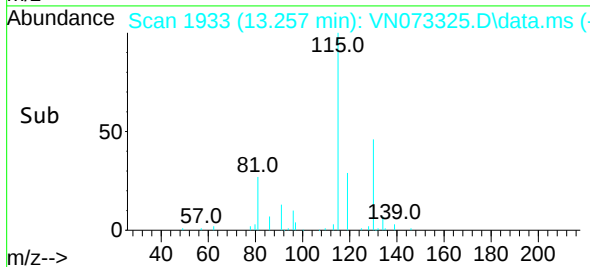
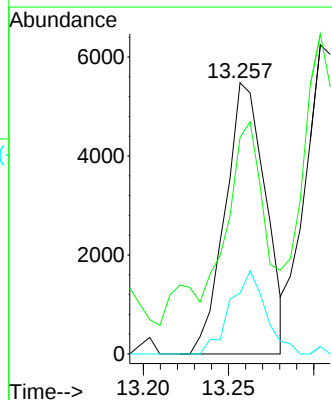
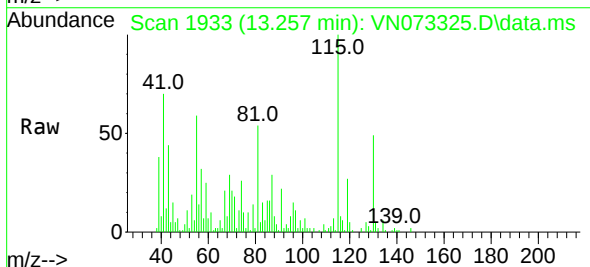
Instrument :
MSVOA_N
ClientSampleId :

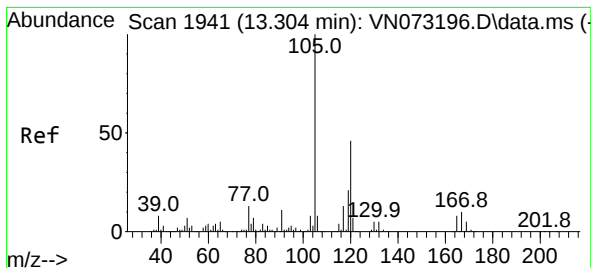
Tgt Ion: 91 Resp: 24079
Ion Ratio Lower Upper
91 100
126 2.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 0.633 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 119 Resp: 9008
Ion Ratio Lower Upper
119 100
91 60.0 31.6 94.8
134 26.9 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 5.375 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.000 min

Lab File: VN073325.D

Acq: 05 Jul 2022 19:14

Instrument :

MSVOA_N

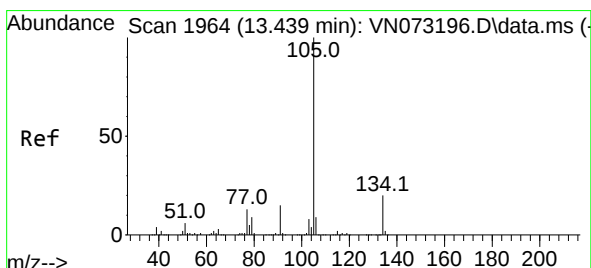
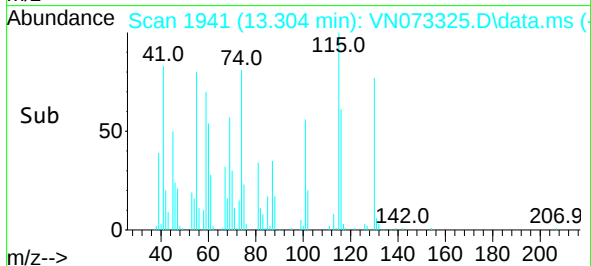
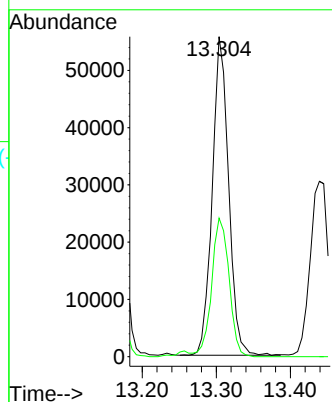
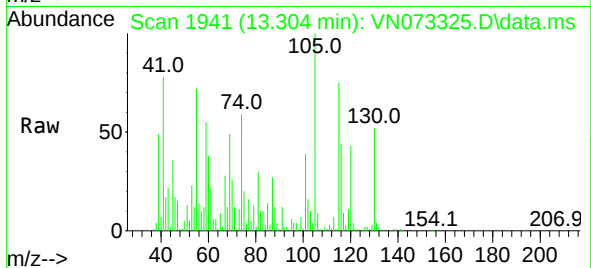
ClientSampleId :

Tgt Ion:105 Resp: 85192

Ion Ratio Lower Upper

105 100

120 46.4 23.3 69.8



#85

sec-Butylbenzene

Concen: 2.698 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073325.D

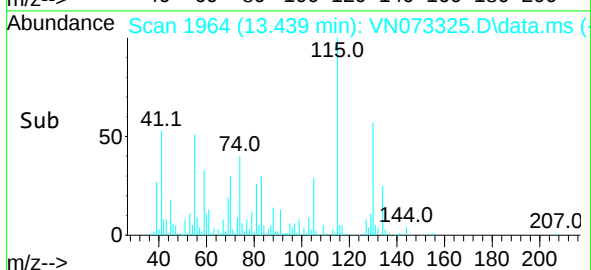
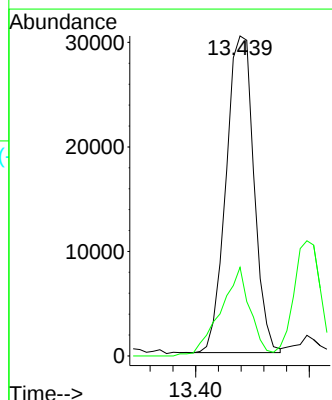
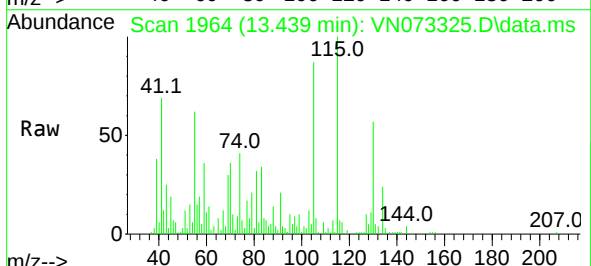
Acq: 05 Jul 2022 19:14

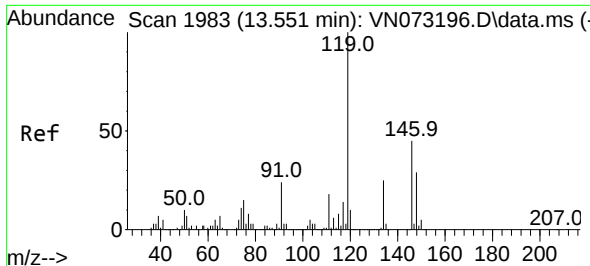
Tgt Ion:105 Resp: 51565

Ion Ratio Lower Upper

105 100

134 29.8 10.4 31.1

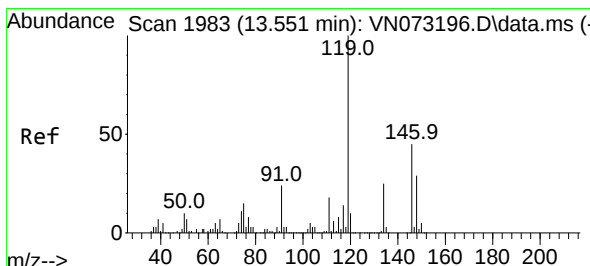
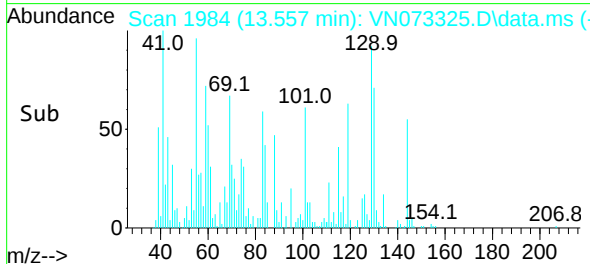
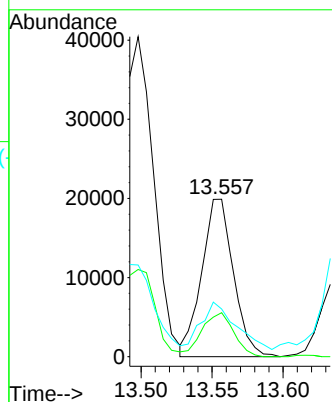
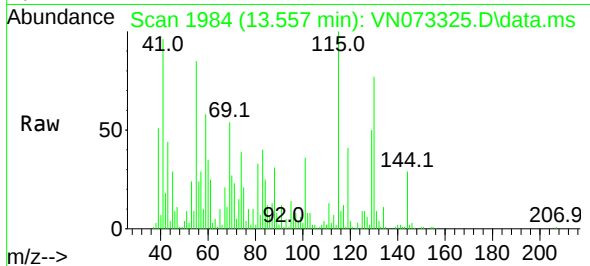




#86
p-Isopropyltoluene
Concen: 2.006 ug/l
RT: 13.557 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

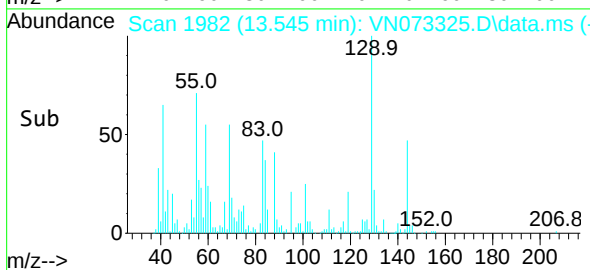
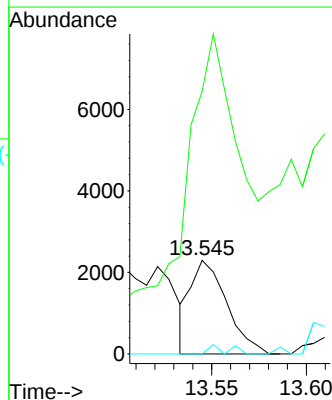
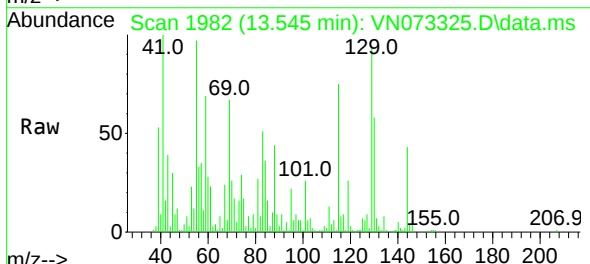
Instrument :
MSVOA_N
ClientSampleId :

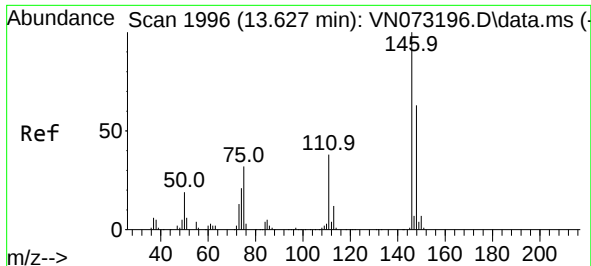
Tgt Ion:119 Resp: 30963
Ion Ratio Lower Upper
119 100
134 28.1 13.3 39.8
91 32.6 11.3 33.9



#87
1,3-Dichlorobenzene
Concen: 0.376 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion:146 Resp: 3052
Ion Ratio Lower Upper
146 100
111 426.8 20.0 60.0#
148 5.0 32.0 96.0#

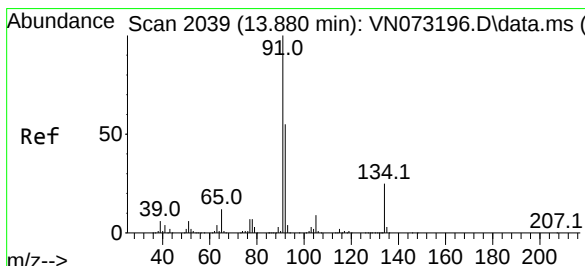
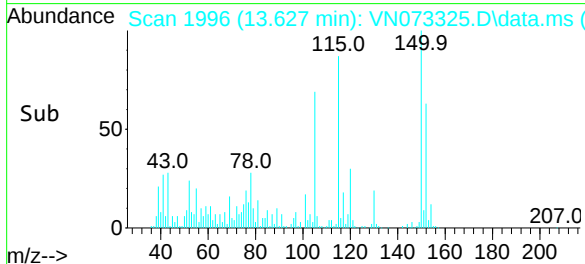
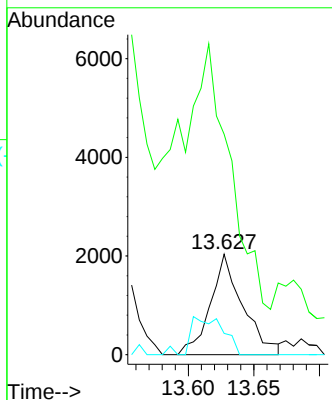
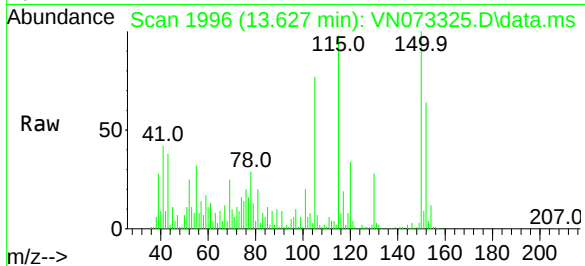




#88
1,4-Dichlorobenzene
Concen: 0.432 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

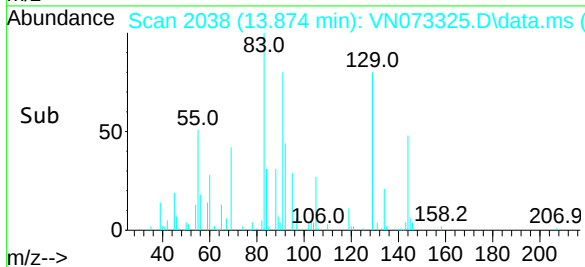
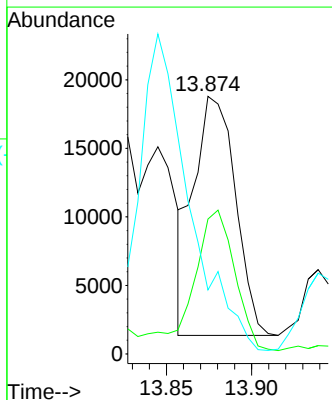
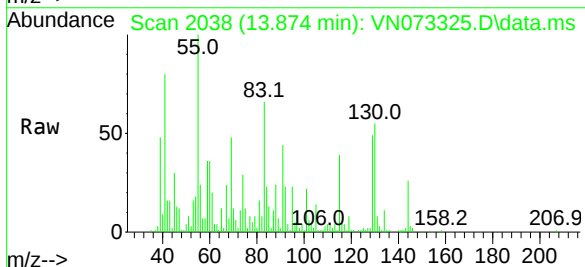
Instrument :
MSVOA_N
ClientSampleId :

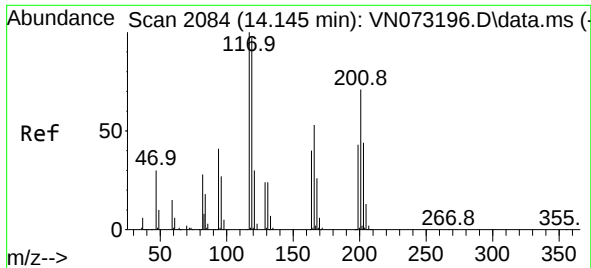
Tgt Ion:146 Resp: 3518
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.1#
148 0.0 31.4 94.3#



#89
n-Butylbenzene
Concen: 2.309 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. -0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion: 91 Resp: 29700
Ion Ratio Lower Upper
91 100
92 58.1 26.9 80.7
134 0.0 13.6 40.8#

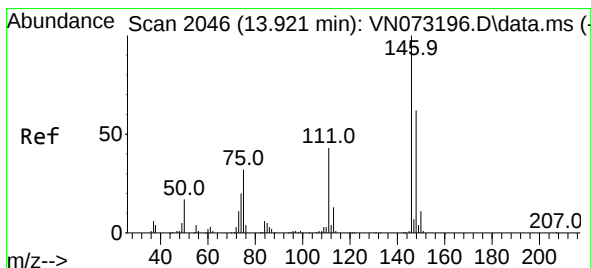
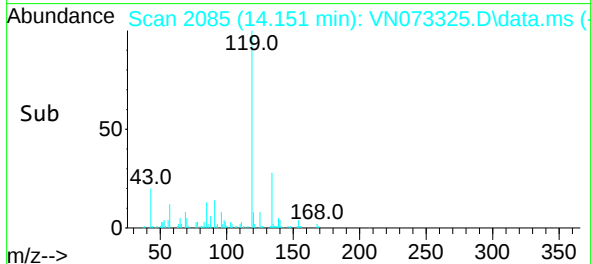
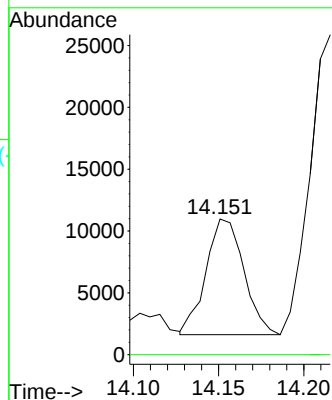
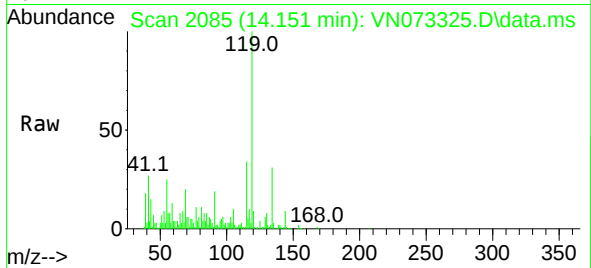




#90
Hexachloroethane
Concen: 5.024 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

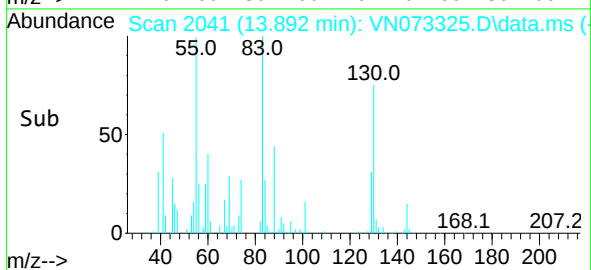
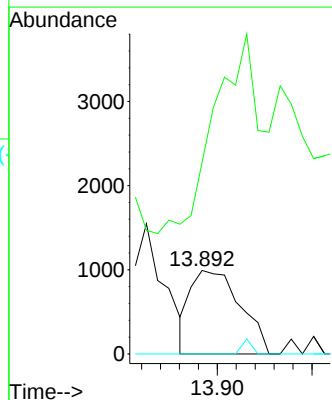
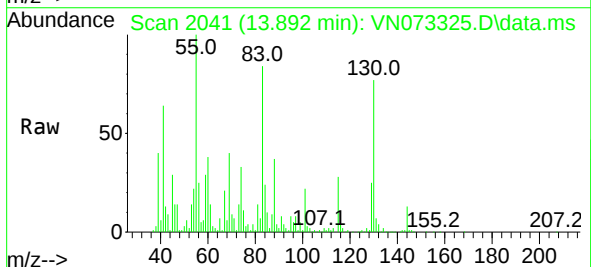
Instrument :
MSVOA_N
ClientSampleId :

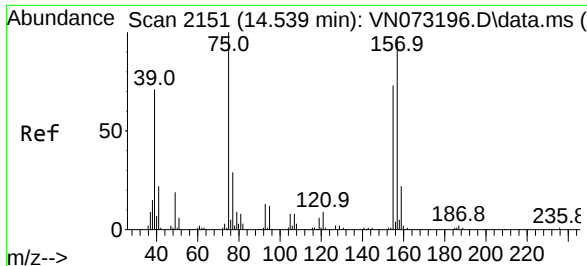
Tgt Ion:117 Resp: 14454
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.220 ug/l
RT: 13.892 min Scan# 2041
Delta R.T. -0.029 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

Tgt Ion:146 Resp: 1821
Ion Ratio Lower Upper
146 100
111 0.0 20.9 62.8#
148 0.0 32.1 96.3#

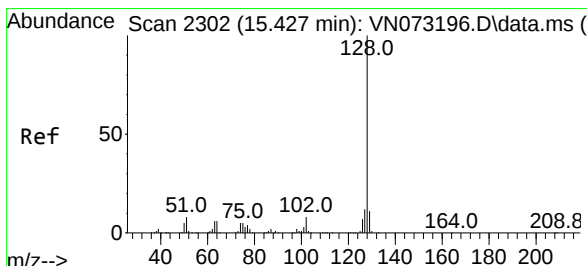
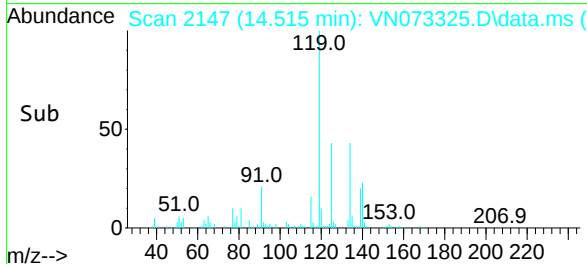
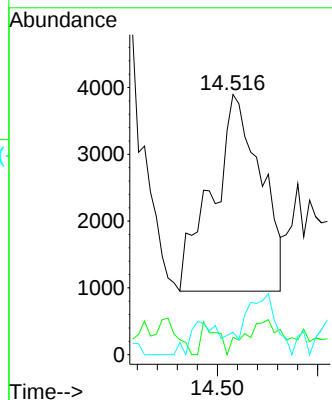
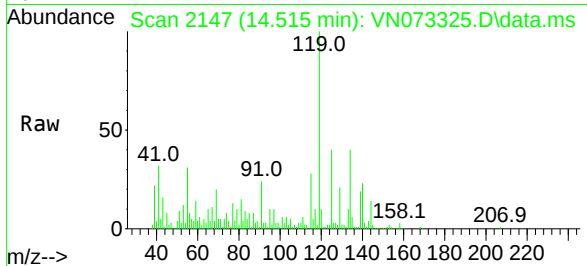




#92
1,2-Dibromo-3-Chloropropane
Concen: 6.293 ug/l
RT: 14.515 min Scan# 2151
Delta R.T. -0.024 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

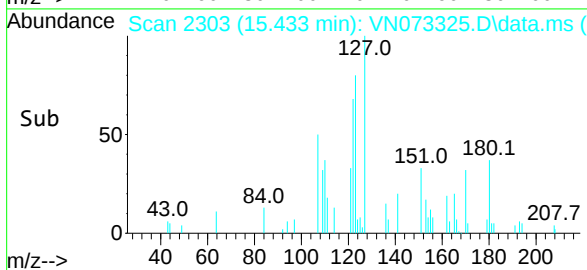
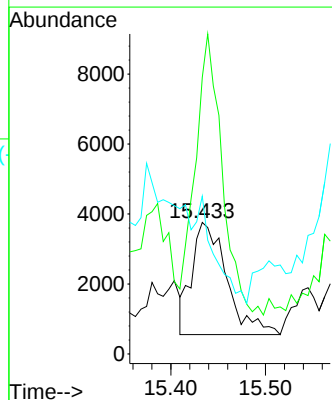
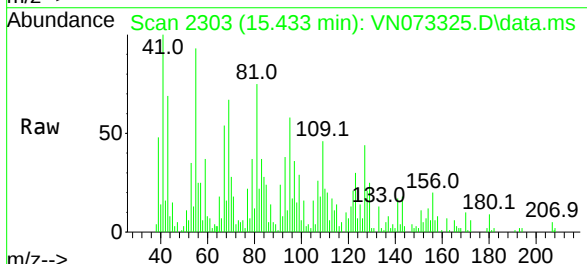
Instrument :
MSVOA_N
ClientSampleId :

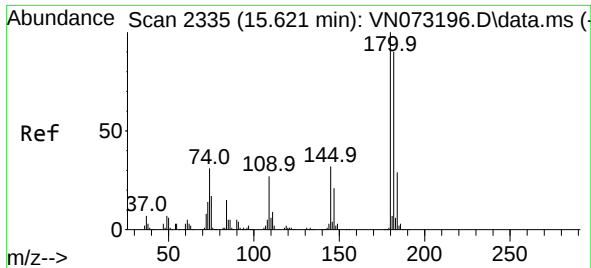
Tgt Ion: 75 Resp: 9886
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#



#95
Naphthalene
Concen: 0.472 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073325.D
Acq: 05 Jul 2022 19:14

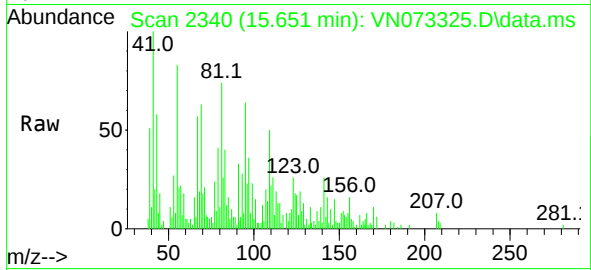
Tgt Ion: 128 Resp: 8213
Ion Ratio Lower Upper
128 100
127 185.7 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.244 ug/l
 RT: 15.651 min Scan# 21
 Delta R.T. 0.030 min
 Lab File: VN073325.D
 Acq: 05 Jul 2022 19:14

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1083
 Ion Ratio Lower Upper
 180 100
 182 32.0 47.8 143.3#
 145 0.0 15.5 46.5#

