

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073560.D
 Acq On : 21 Jul 2022 17:09
 Operator : JC\MD
 Sample : VN0721WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD02

Quant Time: Jul 22 08:01:15 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	206543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	345726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	319311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	157266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	145691	48.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	7.951	113	119403	51.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.820%
50) Toluene-d8	10.380	98	388767	47.588	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.674	95	155786	49.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	56511	18.714	ug/l	95
3) Chloromethane	2.263	50	50296	17.156	ug/l	97
4) Vinyl Chloride	2.398	62	44131	17.717	ug/l	100
5) Bromomethane	2.793	94	23046	19.588	ug/l	94
6) Chloroethane	2.957	64	28742	19.615	ug/l	97
7) Trichlorofluoromethane	3.310	101	66256	15.385	ug/l	91
8) Diethyl Ether	3.763	74	32096	18.309	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.128	101	43392	17.053	ug/l	96
10) Methyl Iodide	4.351	142	34620	13.042	ug/l	95
11) Tert butyl alcohol	5.292	59	73475	101.724	ug/l	99
12) 1,1-Dichloroethene	4.104	96	40383	16.609	ug/l	97
13) Acrolein	3.981	56	8542	18.710	ug/l	96
14) Allyl chloride	4.757	41	90950	17.756	ug/l #	92
15) Acrylonitrile	5.475	53	193130	103.868	ug/l	98
16) Acetone	4.222	43	174092	104.018	ug/l	96
17) Carbon Disulfide	4.457	76	106290	16.859	ug/l	96
18) Methyl Acetate	4.775	43	96763	20.631	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	160451	18.106	ug/l	99
20) Methylene Chloride	5.010	84	53546	18.205	ug/l	92
21) trans-1,2-Dichloroethene	5.504	96	43597	17.160	ug/l	96
22) Diisopropyl ether	6.410	45	178698	18.696	ug/l #	95
23) Vinyl Acetate	6.351	43	814694	95.202	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	88643	17.921	ug/l	97
25) 2-Butanone	7.257	43	291598	109.432	ug/l #	89
26) 2,2-Dichloropropane	7.239	77	64102	14.013	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	52387	17.028	ug/l	94
28) Bromochloromethane	7.580	49	46098	22.254	ug/l	83
29) Tetrahydrofuran	7.610	42	198178	108.618	ug/l #	86
30) Chloroform	7.745	83	87590	17.582	ug/l	98
31) Cyclohexane	8.022	56	82001	16.792	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	73733	16.608	ug/l	99
36) 1,1-Dichloropropene	8.151	75	63718	18.003	ug/l	96
37) Ethyl Acetate	7.339	43	105581	19.743	ug/l	96
38) Carbon Tetrachloride	8.128	117	61613	16.834	ug/l	90
39) Methylcyclohexane	9.398	83	79242	17.984	ug/l	96
40) Benzene	8.392	78	201774	18.473	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	55063	21.231	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	73246	18.499	ug/l	99
43) Isopropyl Acetate	8.492	43	155780	20.269	ug/l #	93
44) Trichloroethene	9.151	130	49733	17.892	ug/l	98
45) 1,2-Dichloropropane	9.427	63	52200	18.750	ug/l	92
46) Dibromomethane	9.516	93	36983	19.565	ug/l	89
47) Bromodichloromethane	9.698	83	66690	18.216	ug/l	97
48) Methyl methacrylate	9.498	41	67366	18.931	ug/l	91
49) 1,4-Dioxane	9.504	88	32247	477.347	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	537669	110.316	ug/l	90
52) Toluene	10.445	92	123713	18.327	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	72541	17.998	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	80672	18.540	ug/l #	86
55) 1,1,2-Trichloroethane	10.839	97	51845	18.656	ug/l	95
56) Ethyl methacrylate	10.704	69	83692	18.633	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	90346	18.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	197067	98.376	ug/l	96
59) 2-Hexanone	11.027	43	415732	111.900	ug/l	89
60) Dibromochloromethane	11.174	129	52121	19.672	ug/l	99
61) 1,2-Dibromoethane	11.286	107	52811	19.026	ug/l	99
64) Tetrachloroethene	10.916	164	49557	19.006	ug/l	95
65) Chlorobenzene	11.710	112	125178	17.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	47158	17.754	ug/l	98
67) Ethyl Benzene	11.786	91	228435	17.424	ug/l	99
68) m/p-Xylenes	11.892	106	176023	35.575	ug/l	99
69) o-Xylene	12.221	106	87507	17.324	ug/l	96
70) Styrene	12.233	104	136714	17.531	ug/l	97
71) Bromoform	12.398	173	37121	19.099	ug/l #	99
73) Isopropylbenzene	12.521	105	222113	16.355	ug/l	99
74) N-amyl acetate	12.327	43	115774	17.025	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	82763	18.365	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	104912	25.512	ug/l	43
77) Bromobenzene	12.798	156	52817	16.728	ug/l	90
78) n-propylbenzene	12.863	91	251142	16.646	ug/l	98
79) 2-Chlorotoluene	12.945	91	156156	16.354	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	185194	16.730	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	25440	16.966	ug/l	93
82) 4-Chlorotoluene	13.045	91	145486	15.738	ug/l	96
83) tert-Butylbenzene	13.262	119	166779	16.806	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	184197	16.667	ug/l	98
85) sec-Butylbenzene	13.445	105	223545	16.776	ug/l	98
86) p-Isopropyltoluene	13.557	119	181491	16.860	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	91168	16.095	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	92138	16.234	ug/l	97
89) n-Butylbenzene	13.880	91	145552	16.226	ug/l	98
90) Hexachloroethane	14.151	117	33607	16.752	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	96577	16.737	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	19307	17.627	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	50154	16.693	ug/l	99
94) Hexachlorobutadiene	15.304	225	24477	18.326	ug/l	97
95) Naphthalene	15.439	128	201425	16.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	52456	16.925	ug/l	98

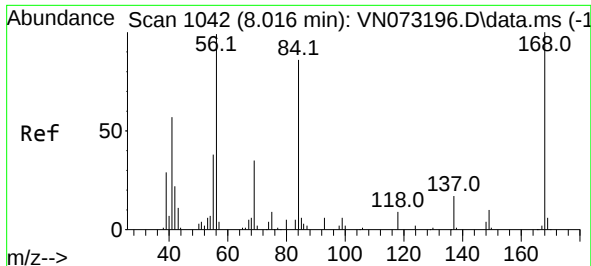
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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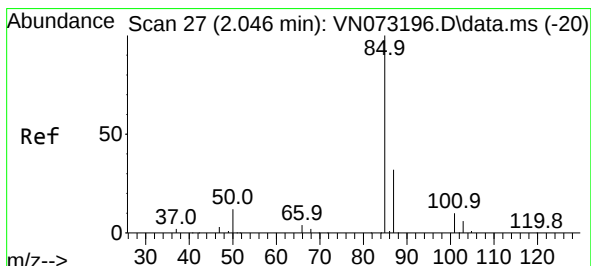
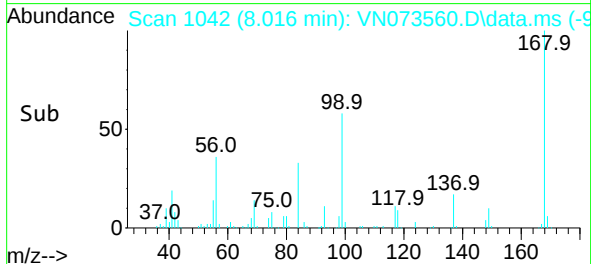
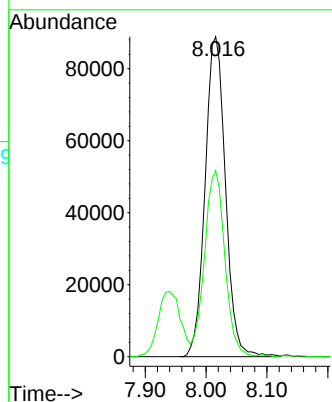
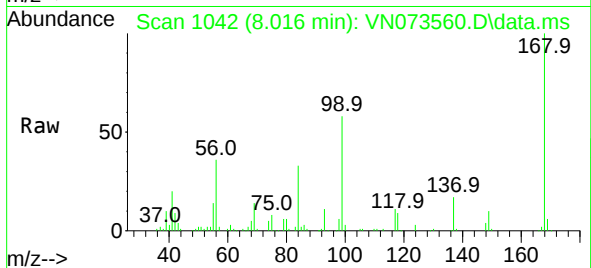
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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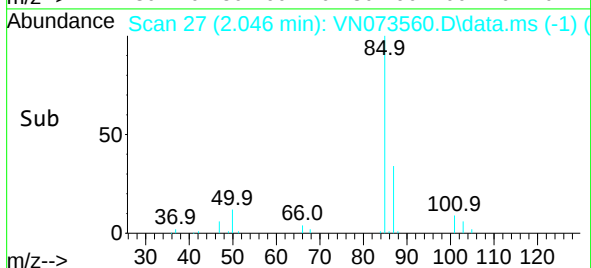
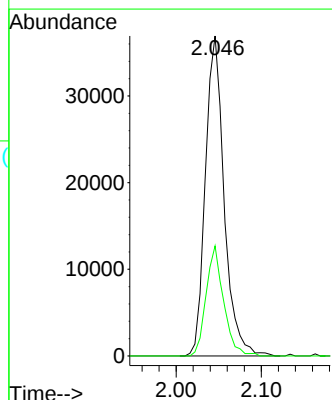
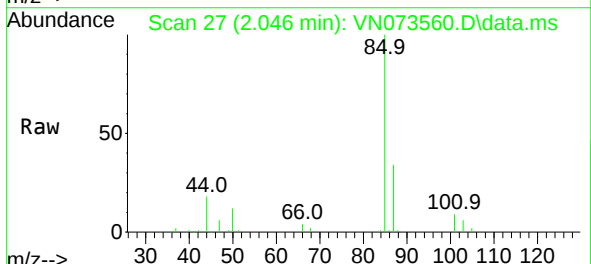
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion:168 Resp: 206543
Ion Ratio Lower Upper
168 100
99 58.0 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 18.714 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 85 Resp: 56511
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.1

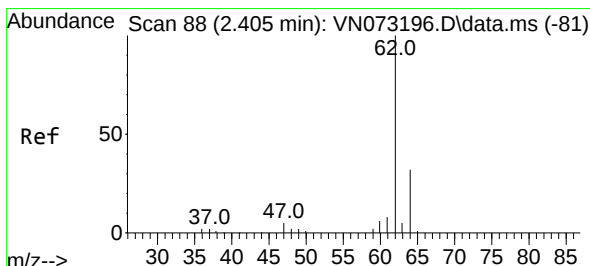
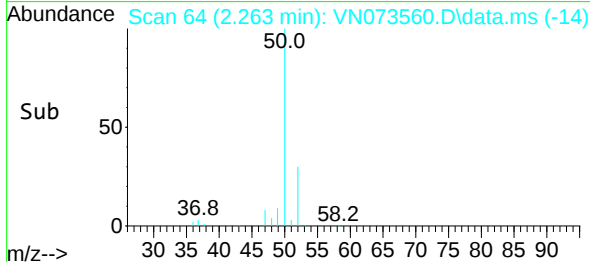
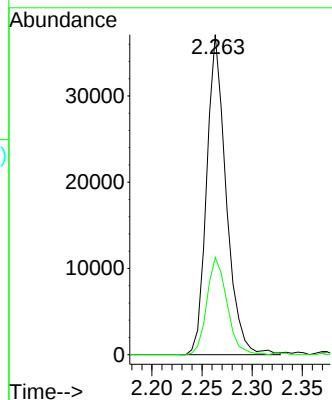
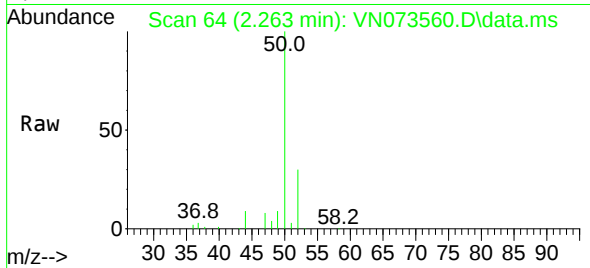




#3
Chloromethane
Concen: 17.156 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

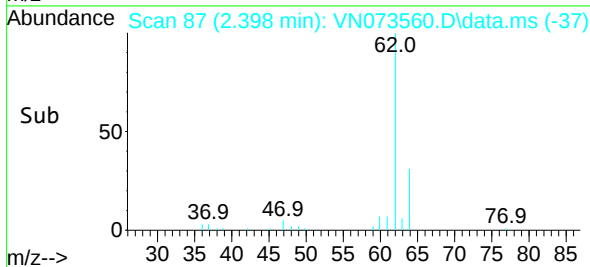
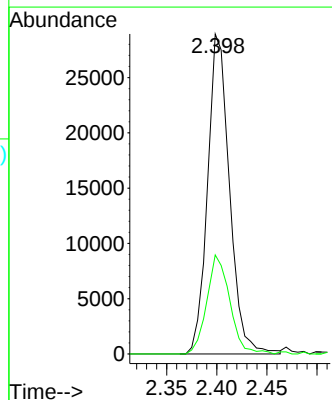
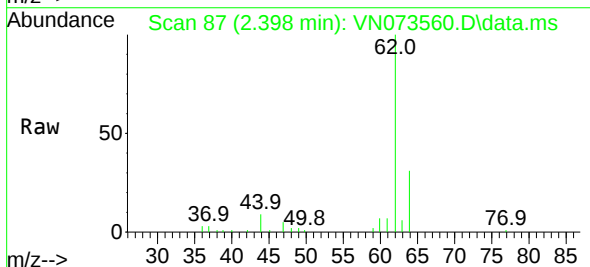
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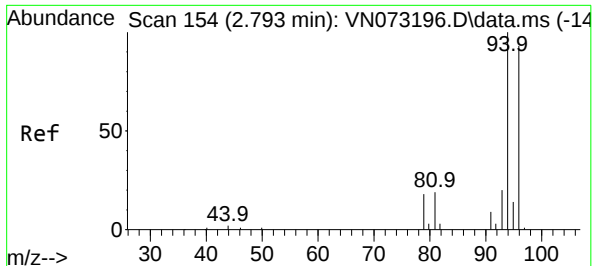
Tgt Ion: 50 Resp: 50296
Ion Ratio Lower Upper
50 100
52 30.4 25.7 38.5



#4
Vinyl Chloride
Concen: 17.717 ug/l
RT: 2.398 min Scan# 87
Delta R.T. -0.007 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 62 Resp: 44131
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.4

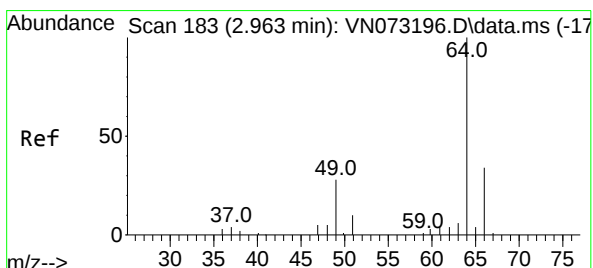
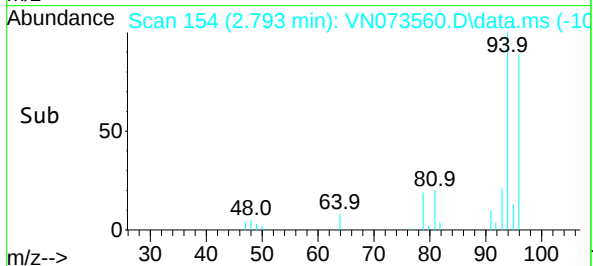
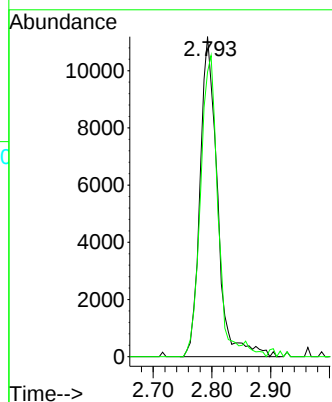
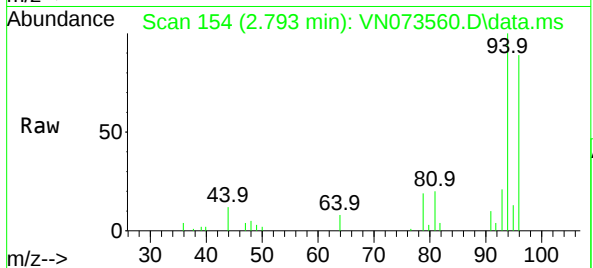




#5
Bromomethane
Concen: 19.588 ug/l
RT: 2.793 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073560.D
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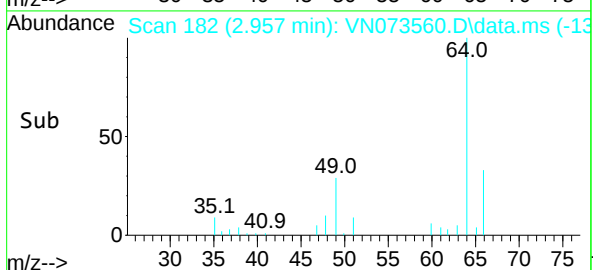
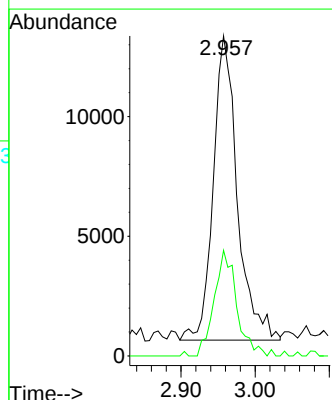
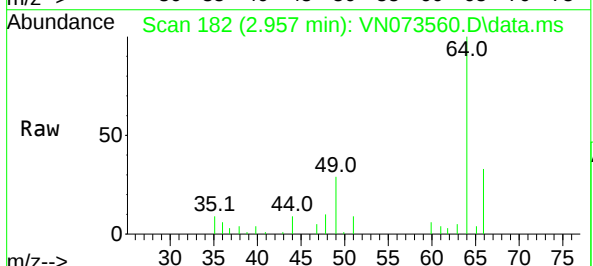
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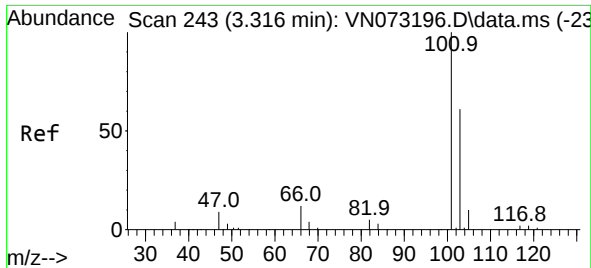
Tgt Ion: 94 Resp: 23046
Ion Ratio Lower Upper
94 100
96 89.0 76.0 114.0



#6
Chloroethane
Concen: 19.615 ug/l
RT: 2.957 min Scan# 182
Delta R.T. -0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 64 Resp: 28742
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.4

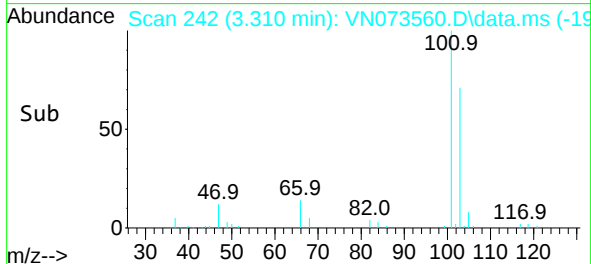
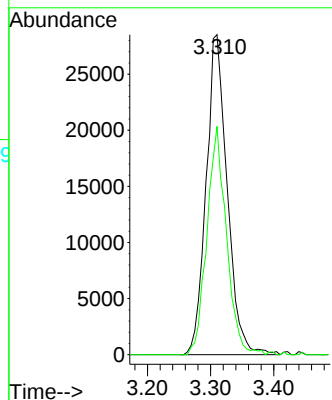
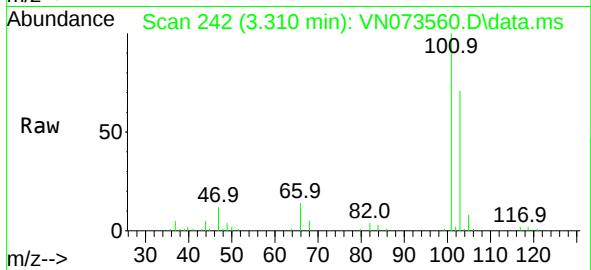




#7
Trichlorofluoromethane
Concen: 15.385 ug/l
RT: 3.310 min Scan# 243
Delta R.T. -0.006 min
Lab File: VN073560.D
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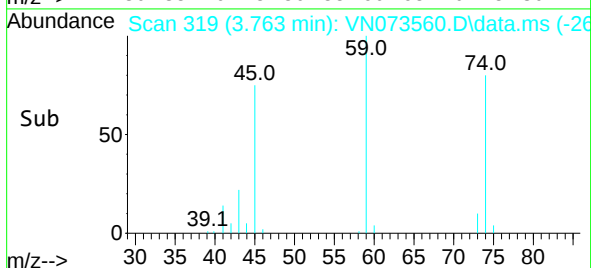
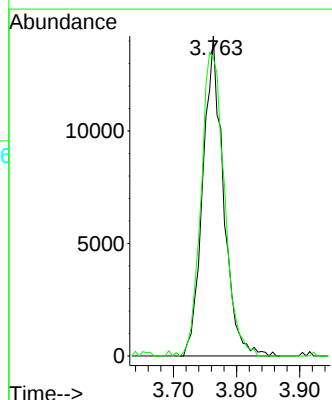
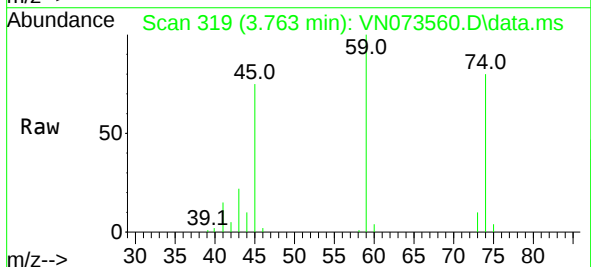
Instrument :
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VN0721WBSD02

Tgt Ion:101 Resp: 66256
Ion Ratio Lower Upper
101 100
103 71.4 51.5 77.3



#8
Diethyl Ether
Concen: 18.309 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 74 Resp: 32096
Ion Ratio Lower Upper
74 100
45 107.7 42.9 128.5

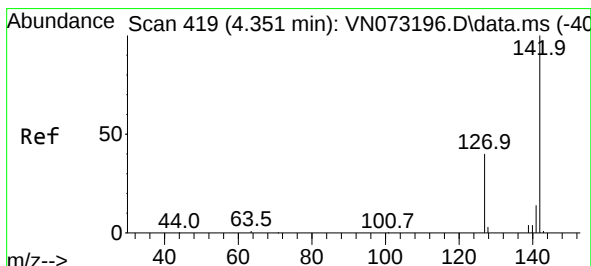
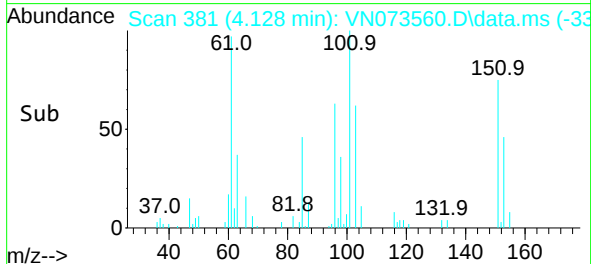
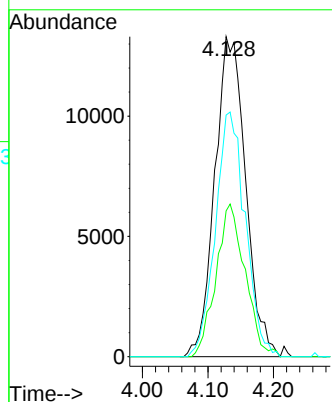
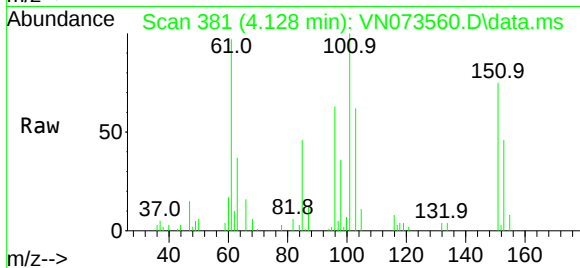




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.053 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.012 min
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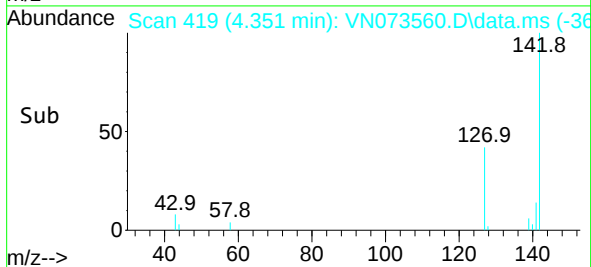
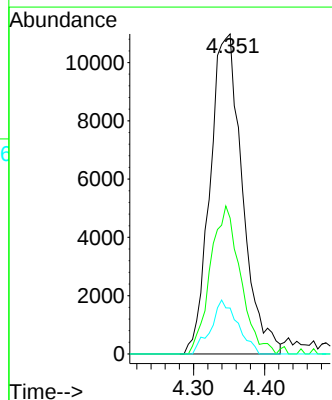
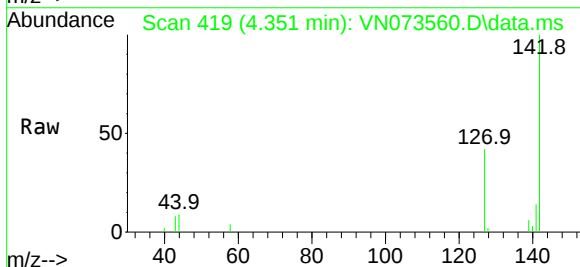
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Tgt Ion:101 Resp: 43392
Ion Ratio Lower Upper
101 100
85 45.1 34.7 52.1
151 74.1 63.0 94.4



#10
Methyl Iodide
Concen: 13.042 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion:142 Resp: 34620
Ion Ratio Lower Upper
142 100
127 42.9 31.3 46.9
141 14.0 11.2 16.8

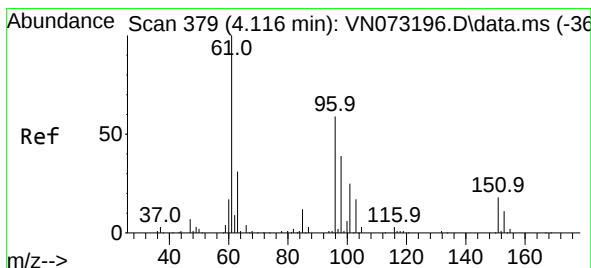
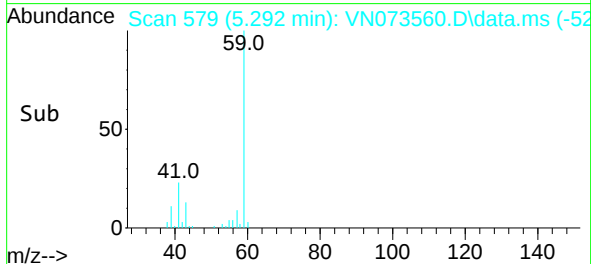
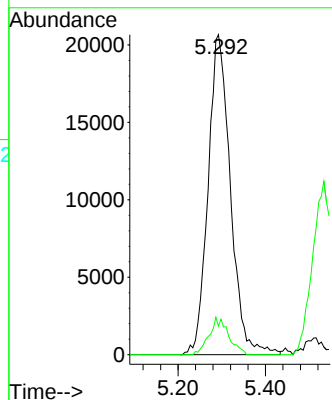
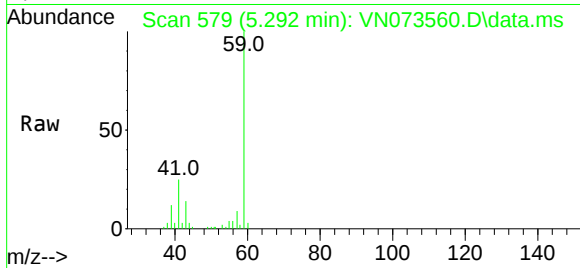




#11
Tert butyl alcohol
Concen: 101.724 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

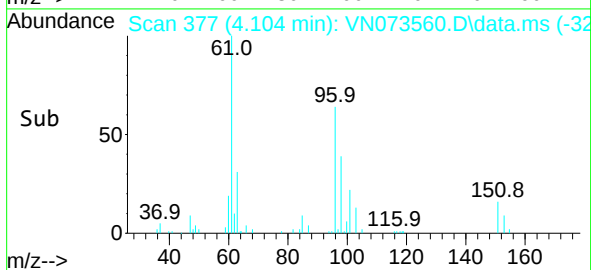
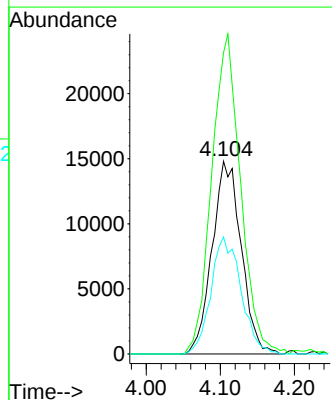
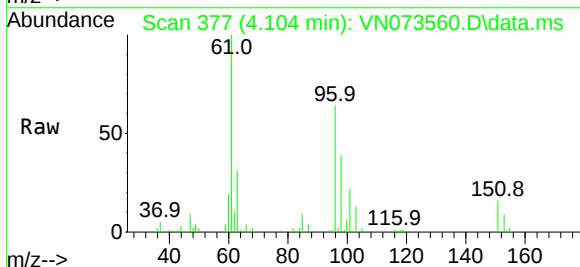
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion: 59 Resp: 73475
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 16.609 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 96 Resp: 40383
Ion Ratio Lower Upper
96 100
61 156.3 127.6 191.4
98 60.7 51.2 76.8

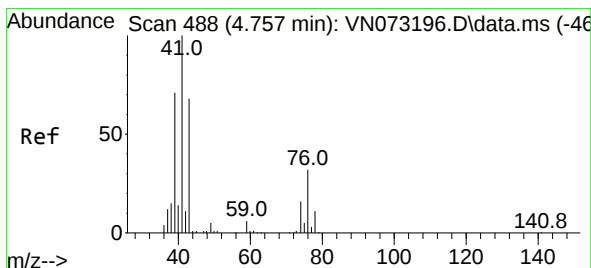
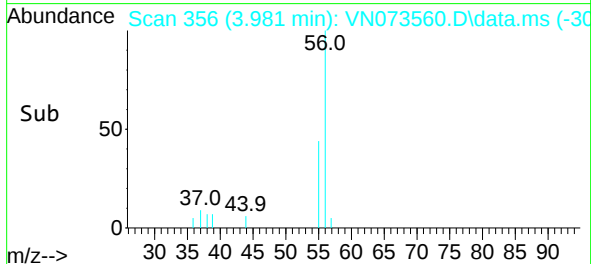
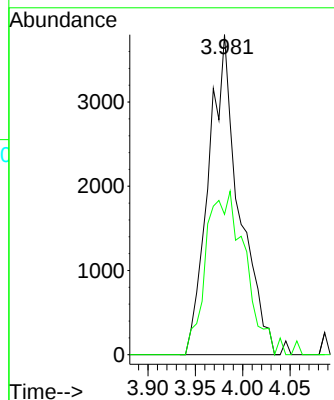
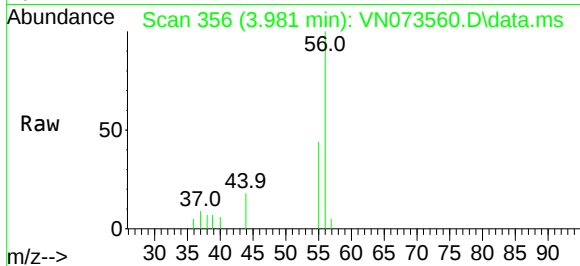




#13
Acrolein
Concen: 18.710 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

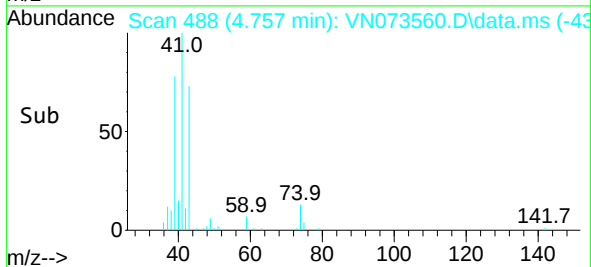
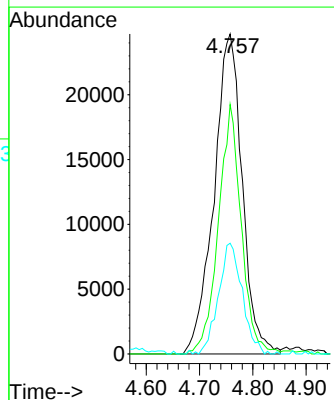
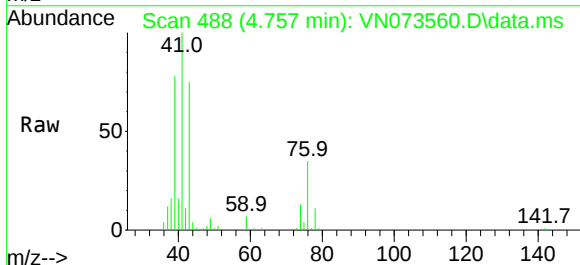
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

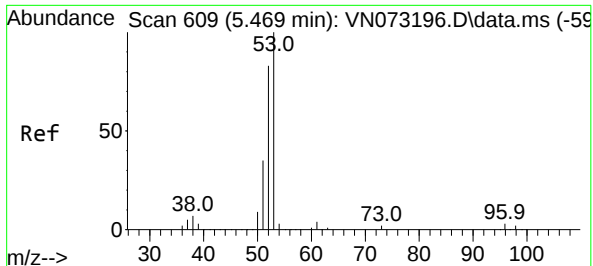
Tgt Ion: 56 Resp: 8542
Ion Ratio Lower Upper
56 100
55 65.4 54.8 82.2



#14
Allyl chloride
Concen: 17.756 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 41 Resp: 90950
Ion Ratio Lower Upper
41 100
39 63.2 53.2 79.8
76 29.0 29.9 44.9#

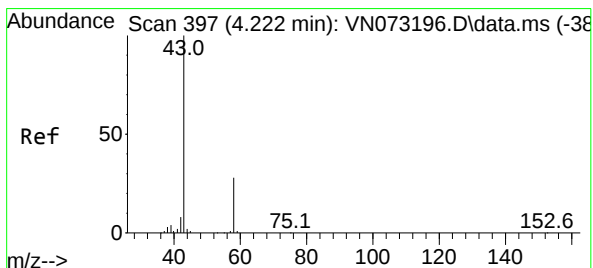
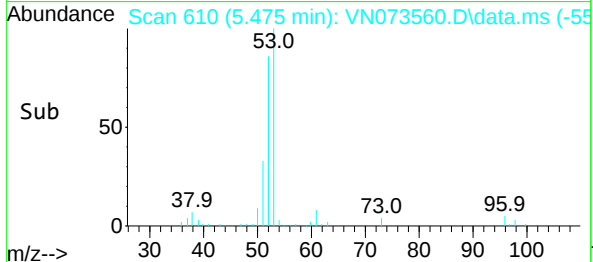
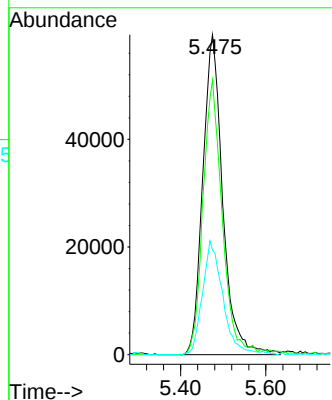
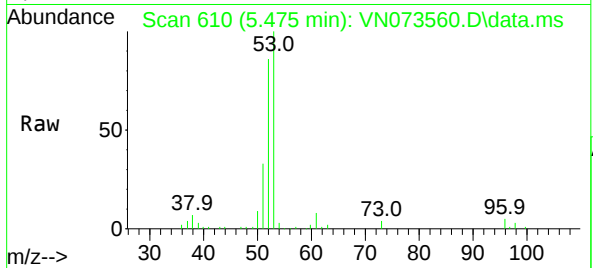




#15
Acrylonitrile
Concen: 103.868 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

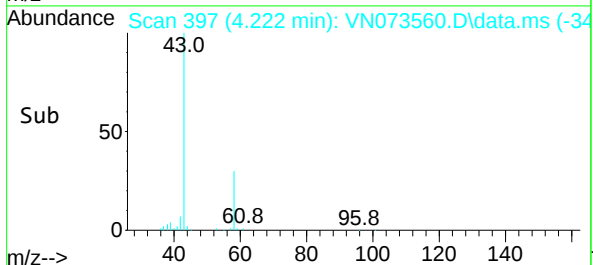
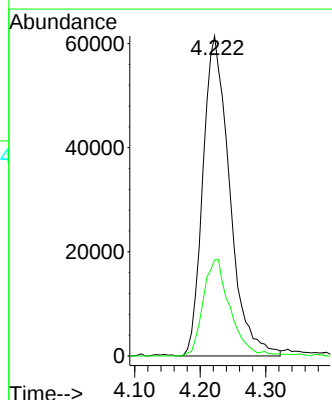
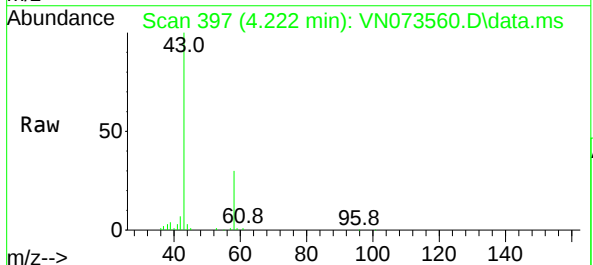
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

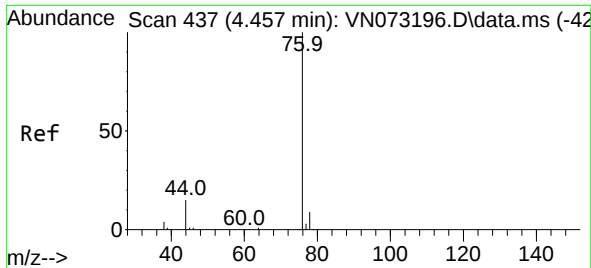
Tgt Ion: 53 Resp: 193130
Ion Ratio Lower Upper
53 100
52 81.3 66.4 99.6
51 36.1 28.5 42.7



#16
Acetone
Concen: 104.018 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 43 Resp: 174092
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0

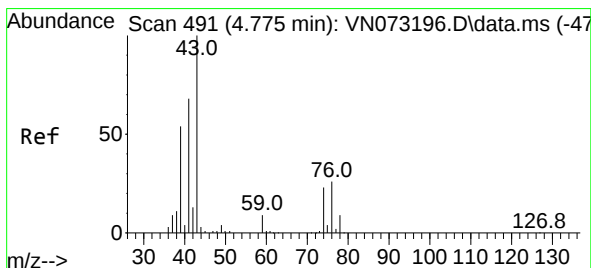
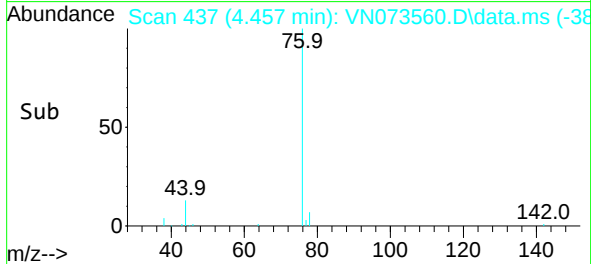
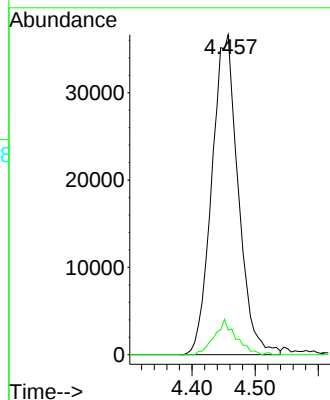
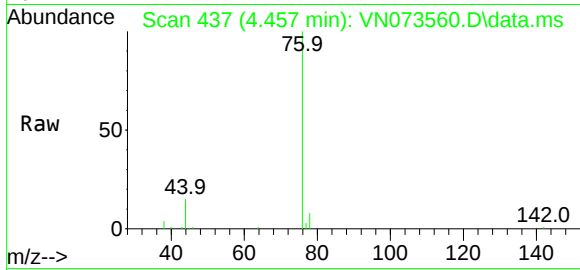




#17
Carbon Disulfide
Concen: 16.859 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

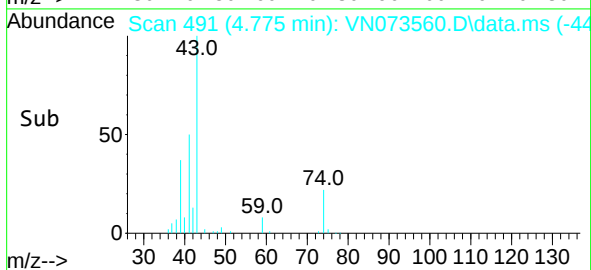
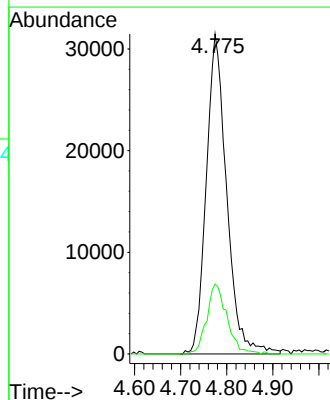
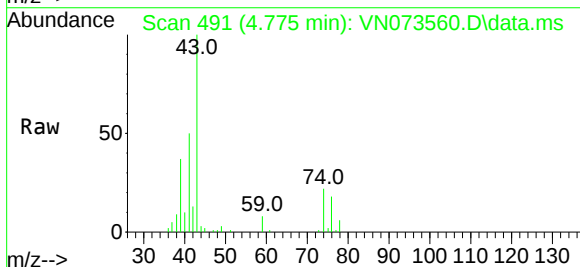
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

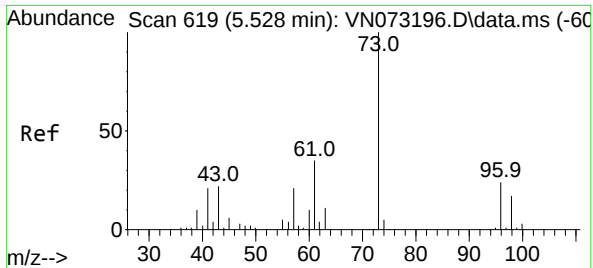
Tgt Ion: 76 Resp: 106290
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8



#18
Methyl Acetate
Concen: 20.631 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 43 Resp: 96763
Ion Ratio Lower Upper
43 100
74 21.7 21.6 32.4

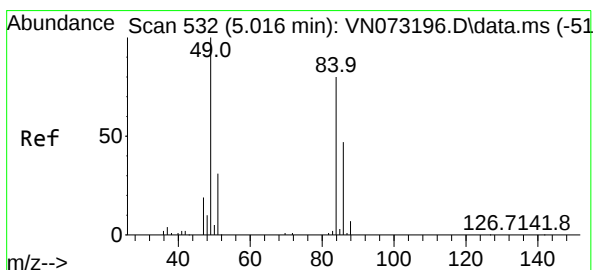
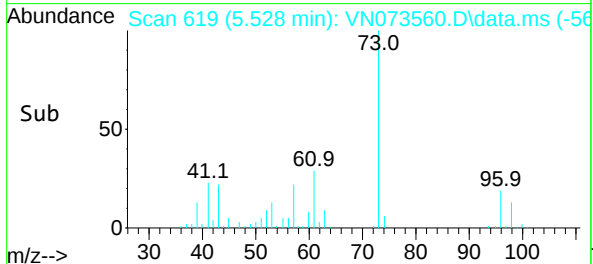
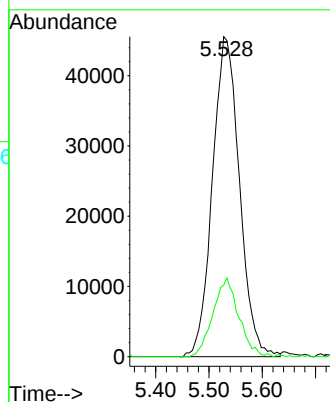
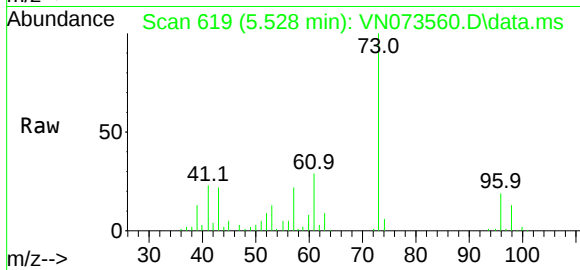




#19
Methyl tert-butyl Ether
Concen: 18.106 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

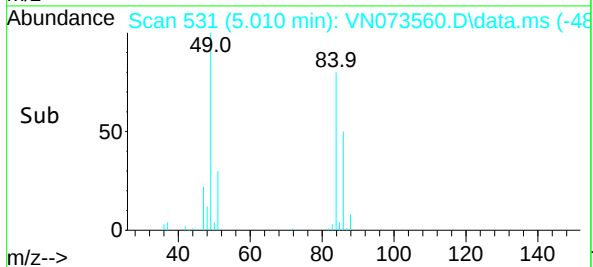
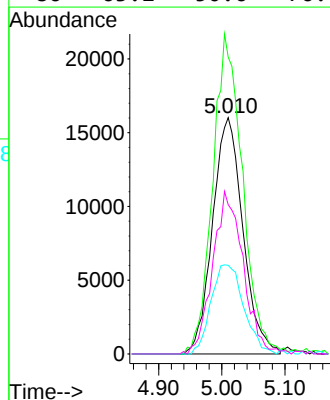
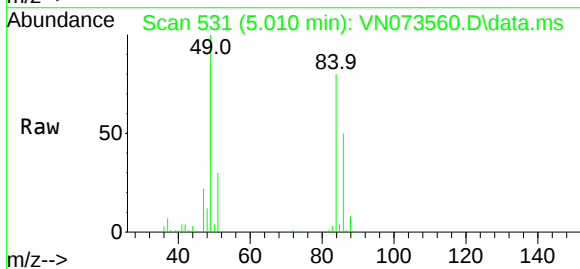
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

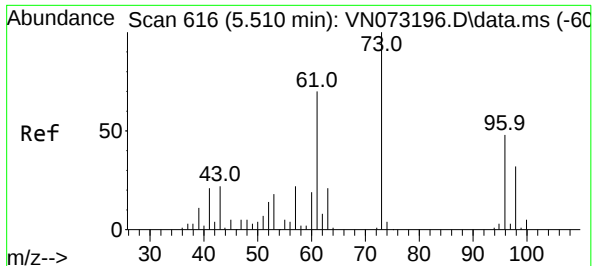
Tgt Ion: 73 Resp: 160451
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4



#20
Methylene Chloride
Concen: 18.205 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

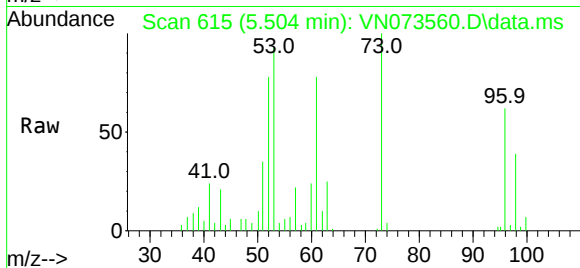
Tgt Ion: 84 Resp: 53546
Ion Ratio Lower Upper
84 100
49 125.6 88.3 132.5
51 37.5 28.2 42.2
86 63.2 50.6 76.0





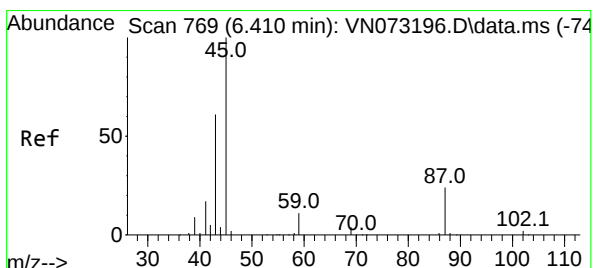
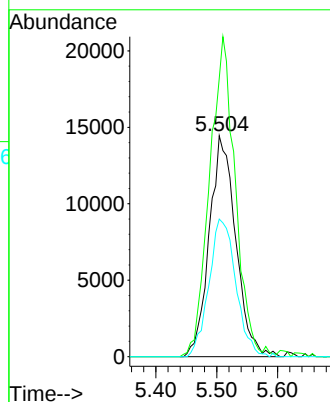
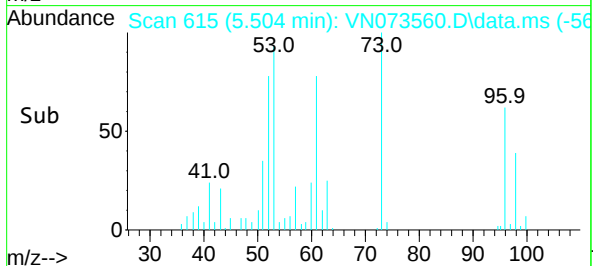
#21
trans-1,2-Dichloroethene
Concen: 17.160 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02



Tgt Ion: 96 Resp: 43597

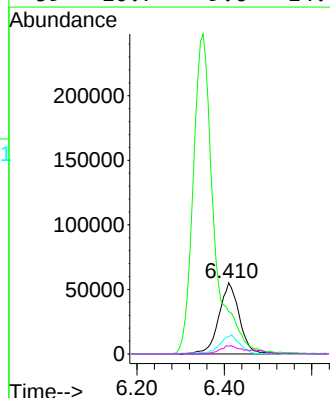
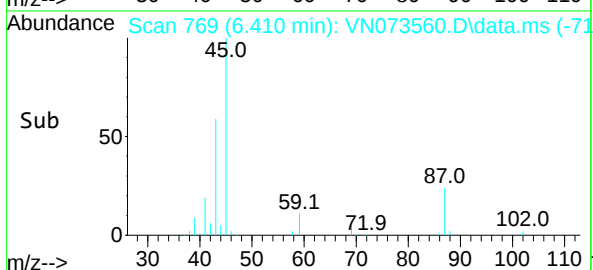
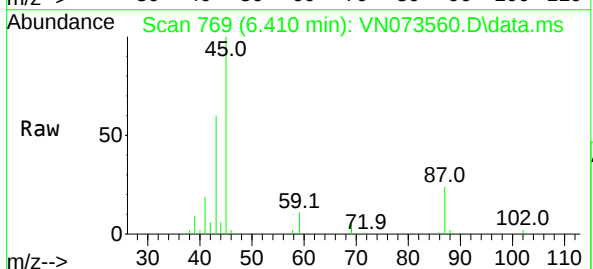
Ion	Ratio	Lower	Upper
96	100		
61	125.9	105.8	158.8
98	62.3	50.3	75.5



#22
Diisopropyl ether
Concen: 18.696 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 45 Resp: 178698

Ion	Ratio	Lower	Upper
45	100		
43	56.9	46.6	70.0
87	24.0	24.3	36.5
59	10.7	9.6	14.4

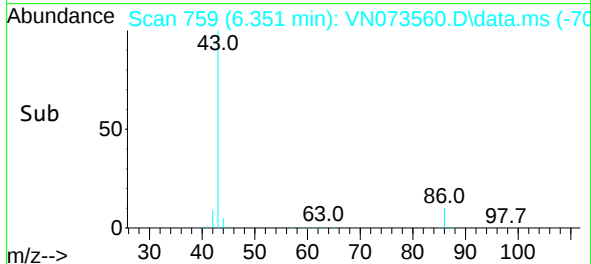
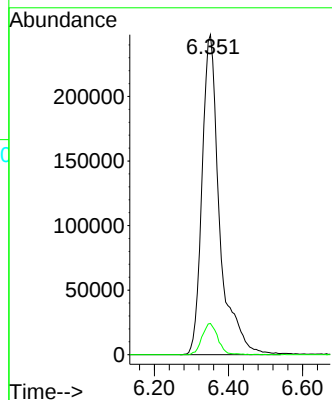
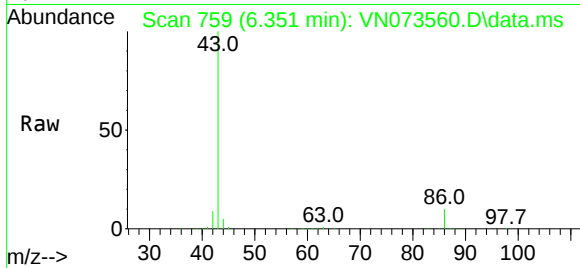




#23
 Vinyl Acetate
 Concen: 95.202 ug/l
 RT: 6.351 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN073560.D
 Acq: 21 Jul 2022 17:09

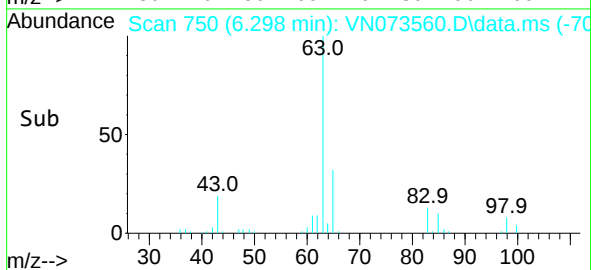
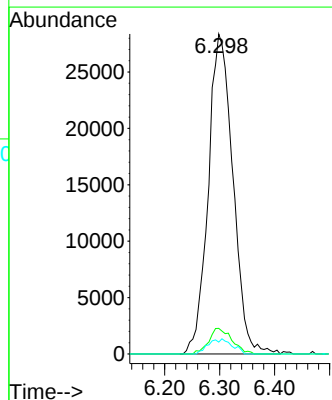
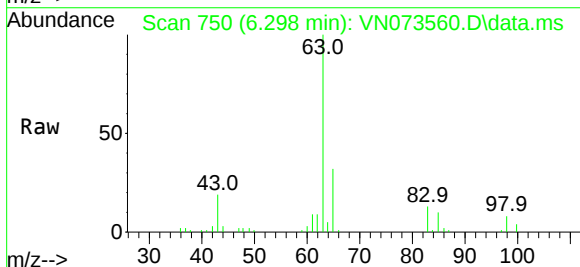
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD02

Tgt Ion: 43 Resp: 814694
 Ion Ratio Lower Upper
 43 100
 86 9.8 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 17.921 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073560.D
 Acq: 21 Jul 2022 17:09

Tgt Ion: 63 Resp: 88643
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 3.7 2.3 6.8

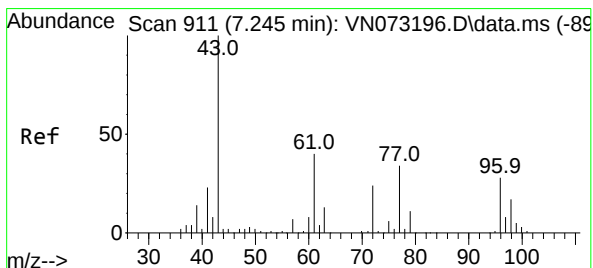
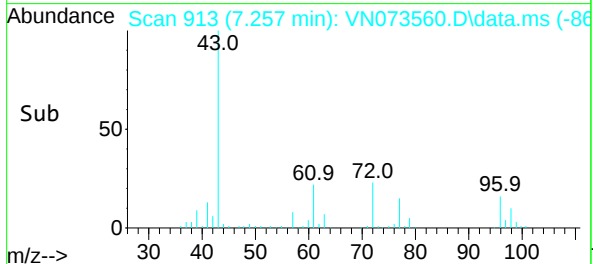
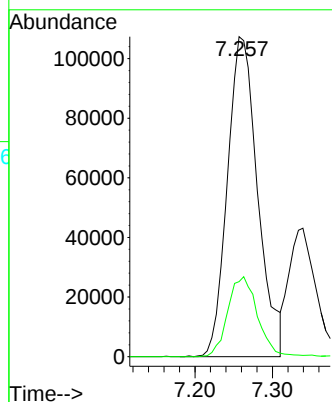
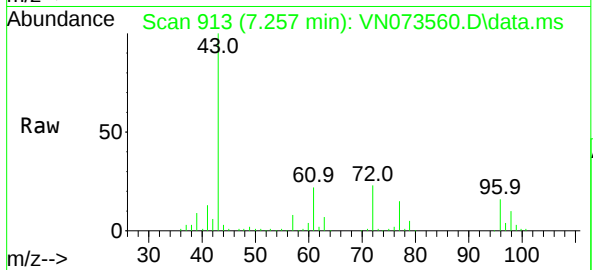




#25
2-Butanone
Concen: 109.432 ug/l
RT: 7.257 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

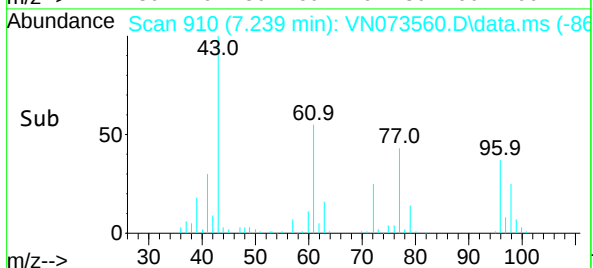
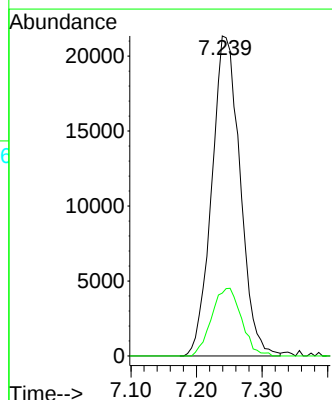
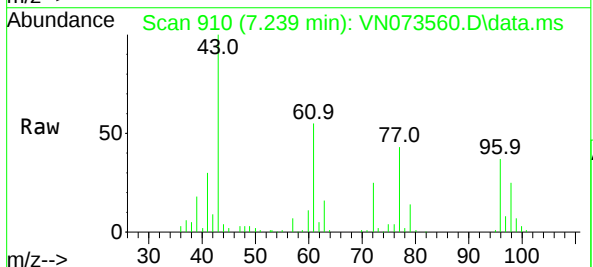
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

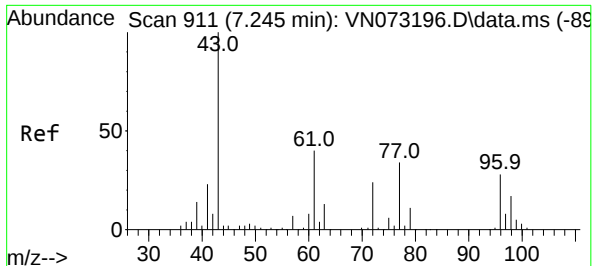
Tgt Ion: 43 Resp: 291598
Ion Ratio Lower Upper
43 100
72 23.5 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 14.013 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 77 Resp: 64102
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2

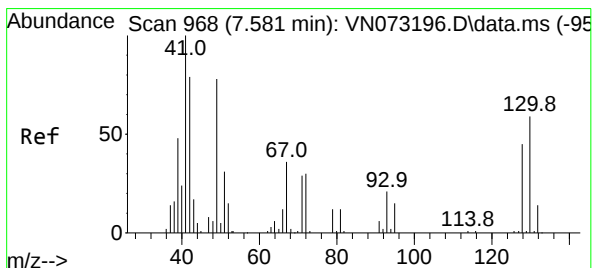
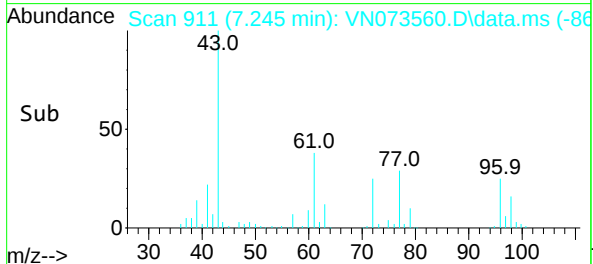
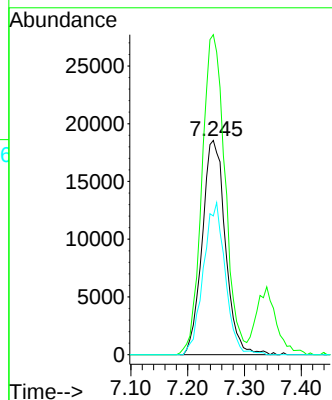
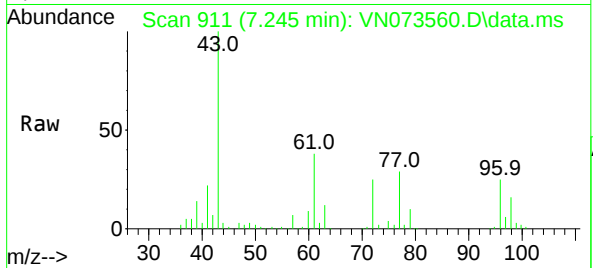




#27
 cis-1,2-Dichloroethene
 Concen: 17.028 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073560.D
 Acq: 21 Jul 2022 17:09

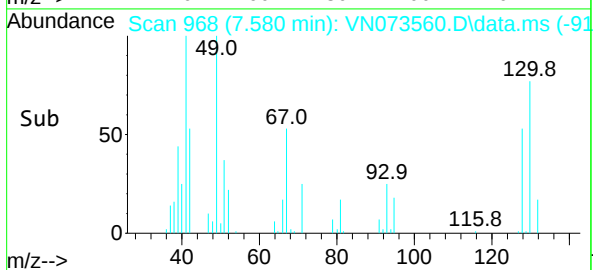
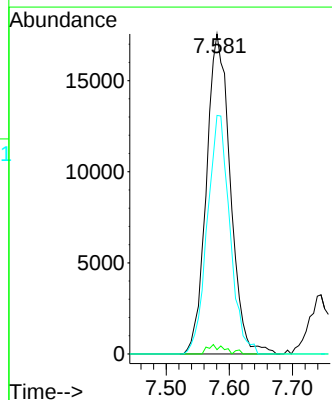
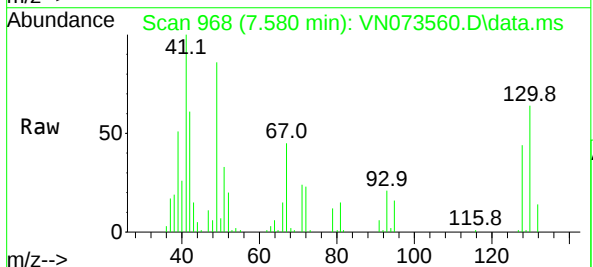
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD02

Tgt Ion: 96 Resp: 52387
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 280.6
 98 67.3 0.0 128.4



#28
 Bromochloromethane
 Concen: 22.254 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.001 min
 Lab File: VN073560.D
 Acq: 21 Jul 2022 17:09

Tgt Ion: 49 Resp: 46098
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 70.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 108.618 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

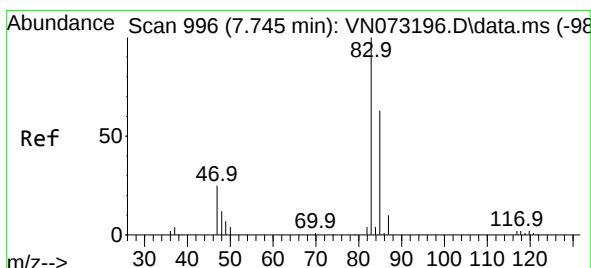
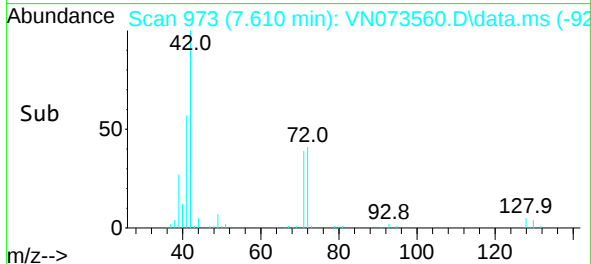
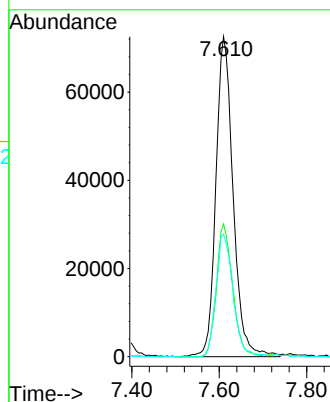
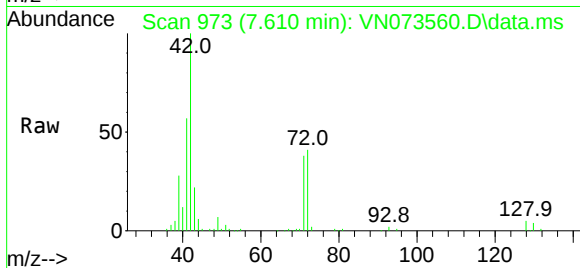
Tgt Ion: 42 Resp: 198178

Ion Ratio Lower Upper

42 100

72 38.9 39.7 59.5#

71 37.6 36.6 55.0



#30

Chloroform

Concen: 17.582 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073560.D

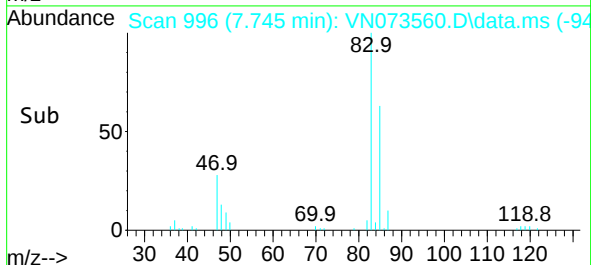
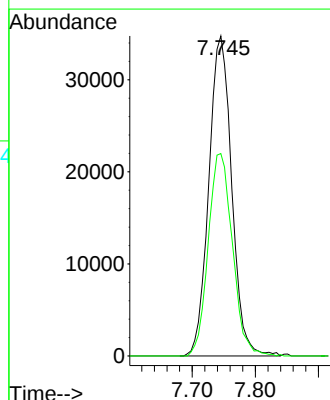
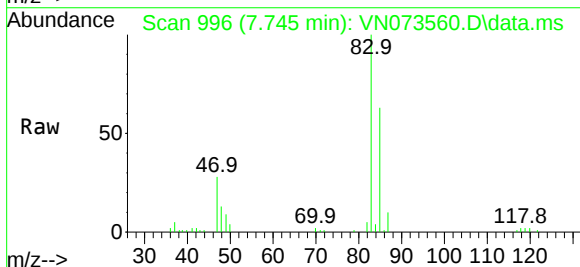
Acq: 21 Jul 2022 17:09

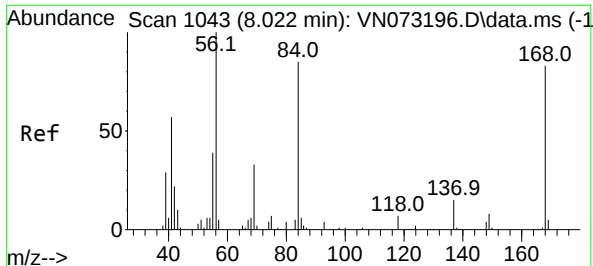
Tgt Ion: 83 Resp: 87590

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.8





#31

Cyclohexane

Concen: 16.792 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

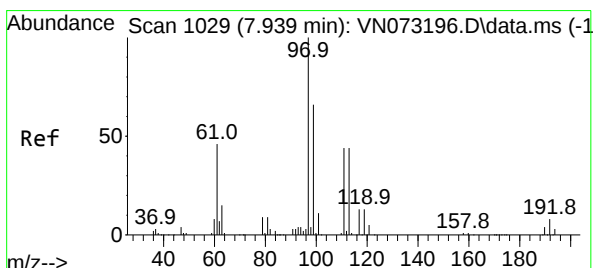
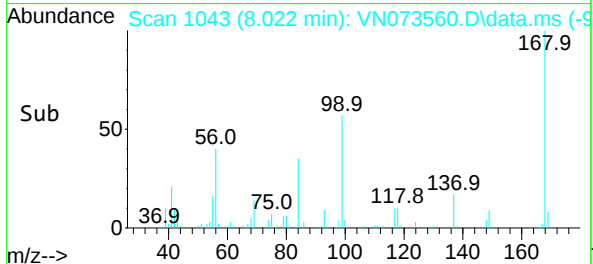
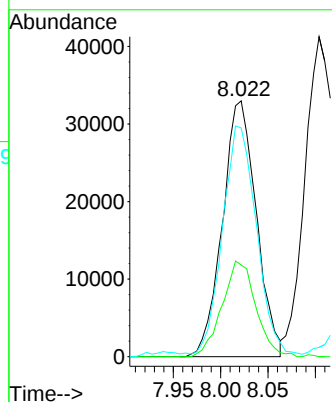
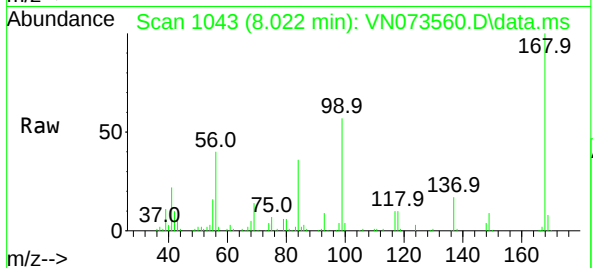
Tgt Ion: 56 Resp: 82001

Ion Ratio Lower Upper

56 100

69 35.8 27.8 41.8

84 88.4 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 16.608 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

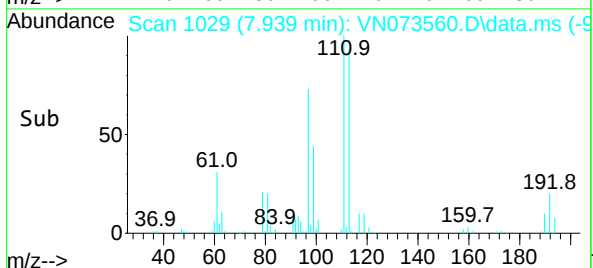
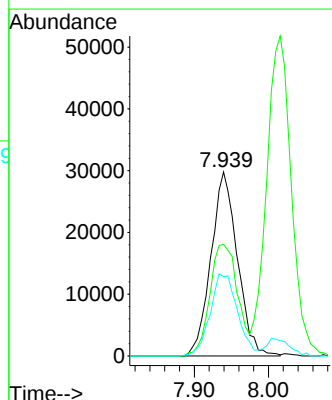
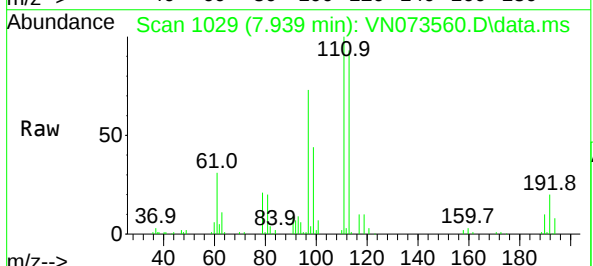
Tgt Ion: 97 Resp: 73733

Ion Ratio Lower Upper

97 100

99 64.0 50.6 76.0

61 46.3 36.0 54.0

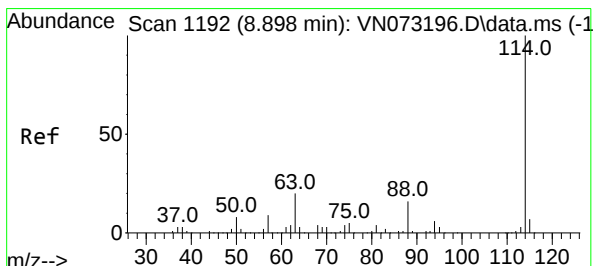
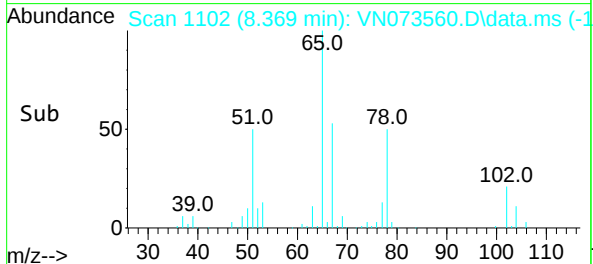
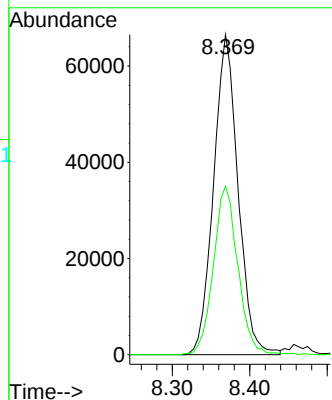
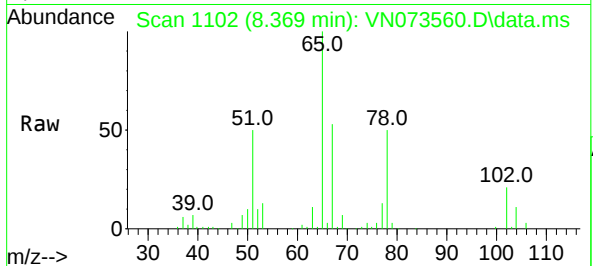




#33
1,2-Dichloroethane-d4
Concen: 48.862 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

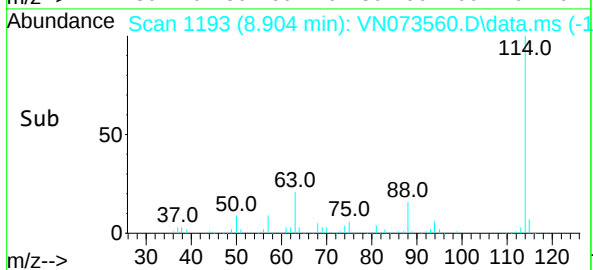
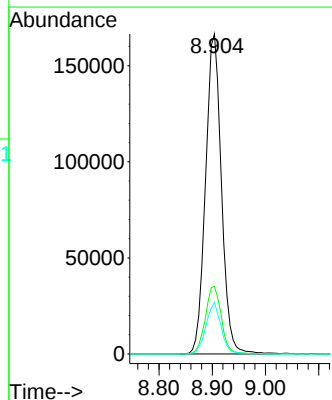
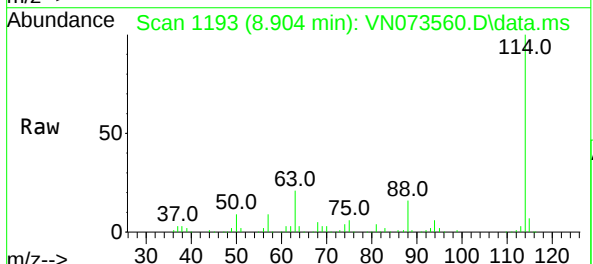
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion: 65 Resp: 145691
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 114 Resp: 345726
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.911 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

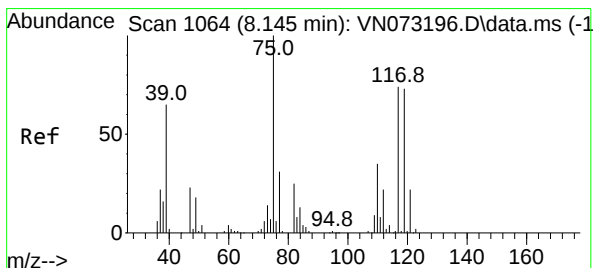
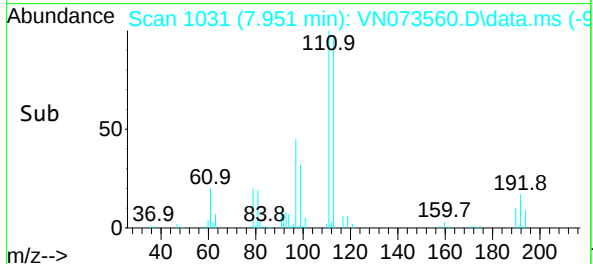
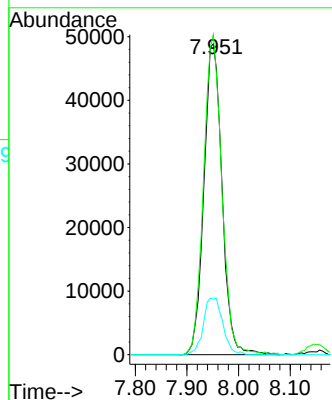
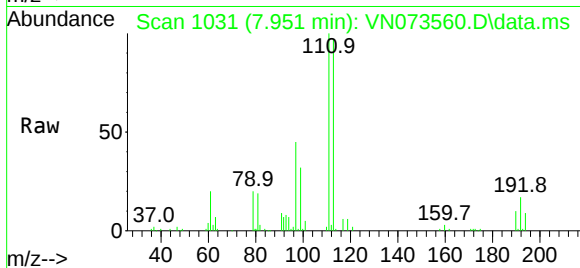
Tgt Ion:113 Resp: 119403

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 19.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 18.003 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

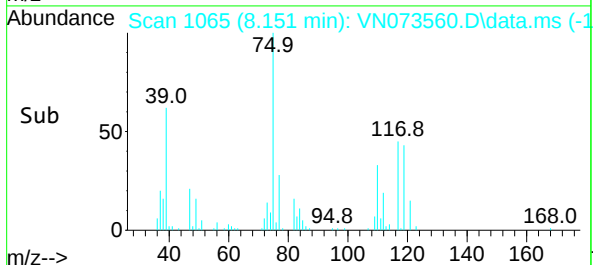
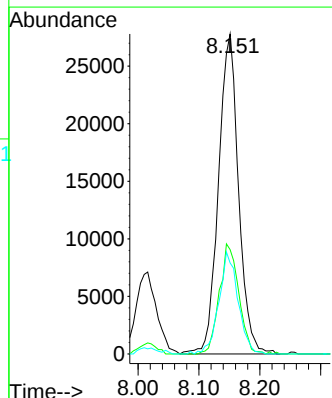
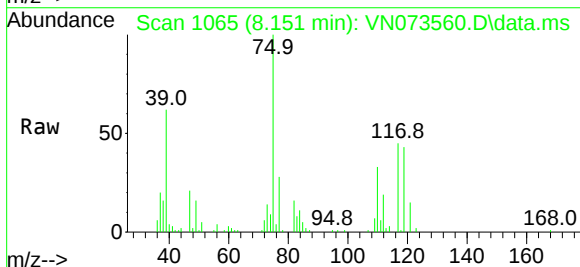
Tgt Ion: 75 Resp: 63718

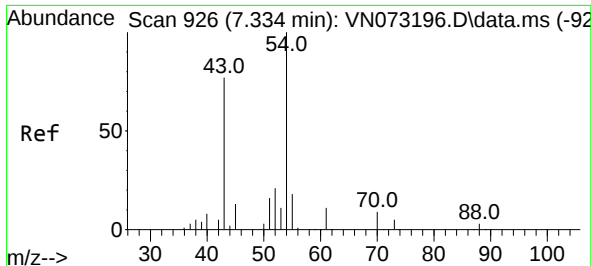
Ion Ratio Lower Upper

75 100

110 33.2 18.3 54.8

77 30.5 25.1 37.7

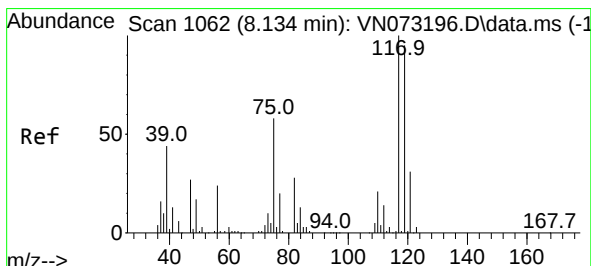
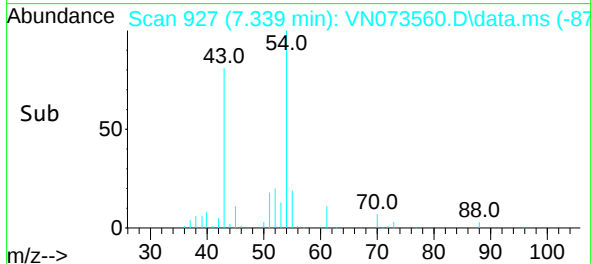
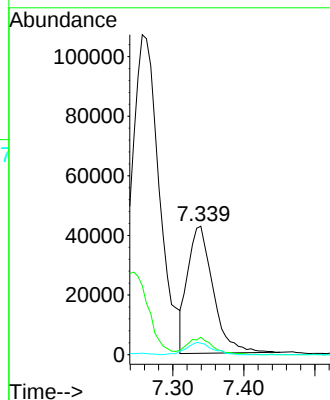
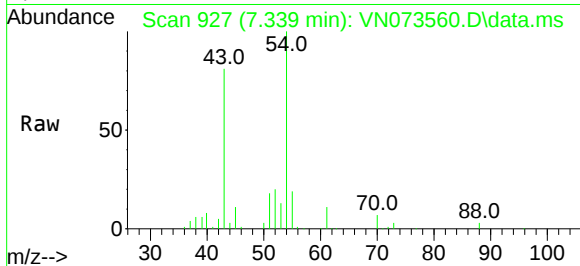




#37
Ethyl Acetate
Concen: 19.743 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

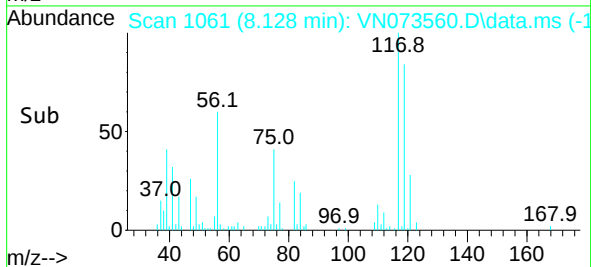
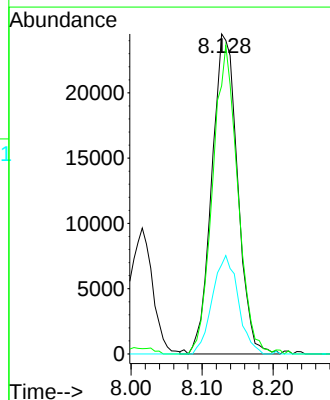
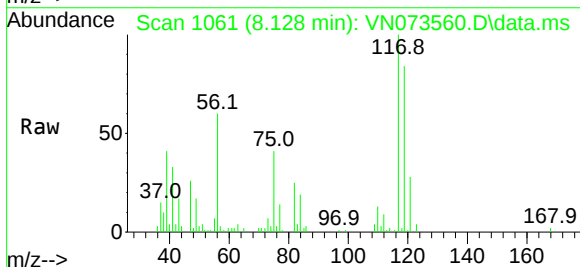
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

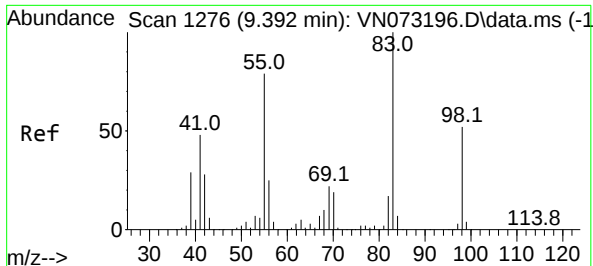
Tgt Ion: 43 Resp: 105581
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.6
70 9.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 16.834 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 117 Resp: 61613
Ion Ratio Lower Upper
117 100
119 83.8 75.8 113.8
121 27.9 24.6 37.0





#39

Methylcyclohexane

Concen: 17.984 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

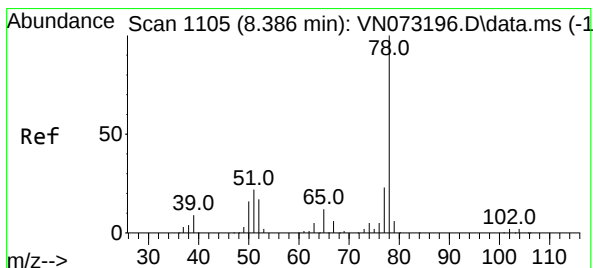
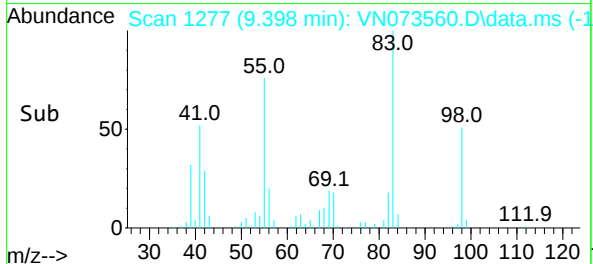
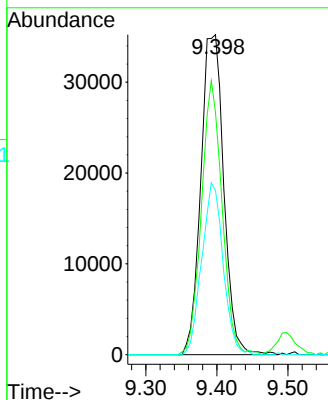
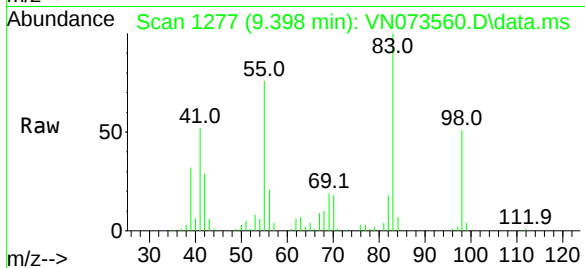
Tgt Ion: 83 Resp: 79242

Ion Ratio Lower Upper

83 100

55 75.8 57.8 86.8

98 51.2 39.4 59.2



#40

Benzene

Concen: 18.473 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073560.D

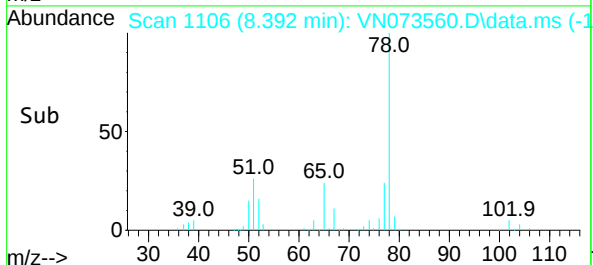
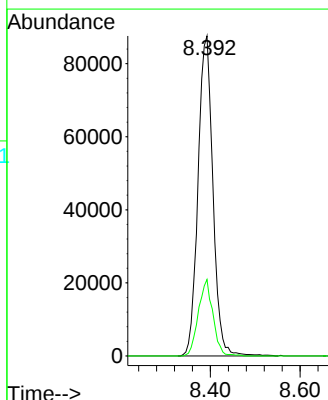
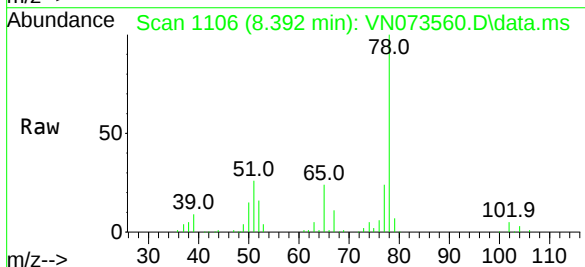
Acq: 21 Jul 2022 17:09

Tgt Ion: 78 Resp: 201774

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

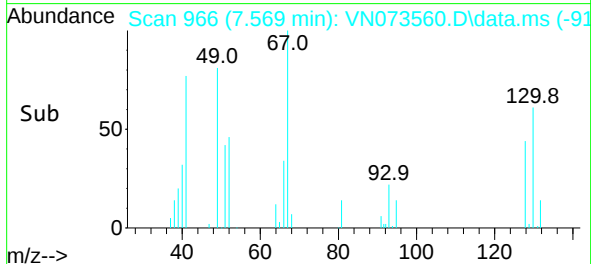
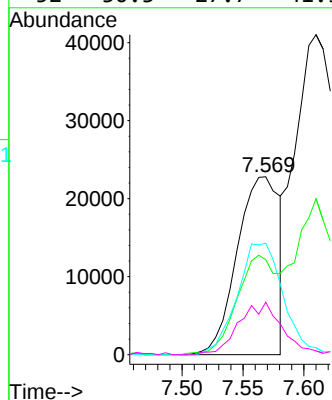
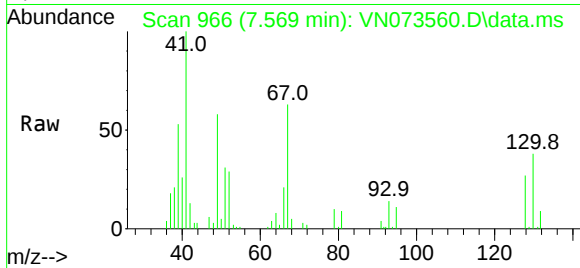




#41
Methacrylonitrile
Concen: 21.231 ug/l
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

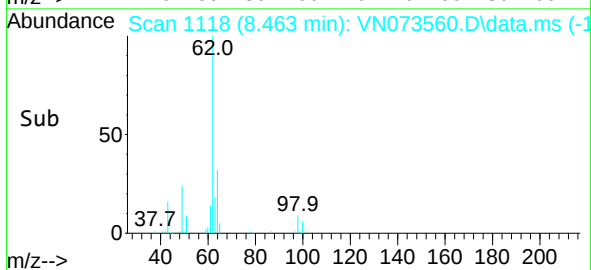
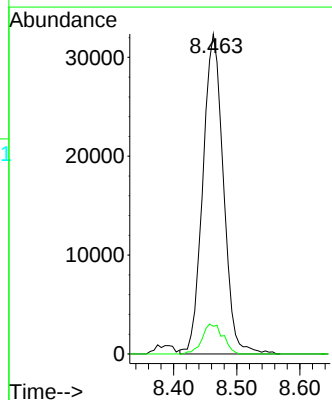
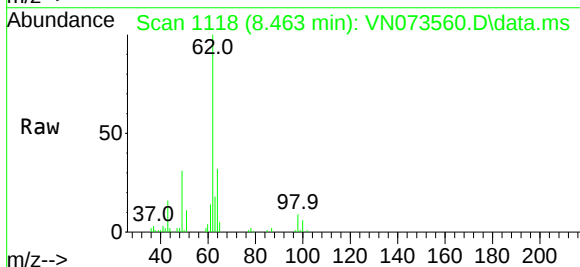
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion:	41	Resp:	55063
Ion	Ratio	Lower	Upper
41	100		
39	53.8	48.6	73.0
67	69.4	73.4	110.2#
52	30.3	27.7	41.5



#42
1,2-Dichloroethane
Concen: 18.499 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion:	62	Resp:	73246
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4

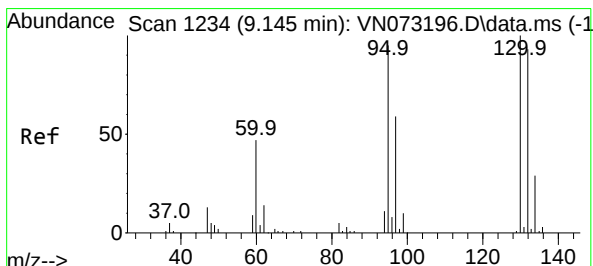
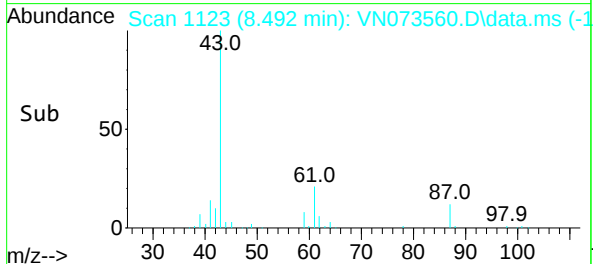
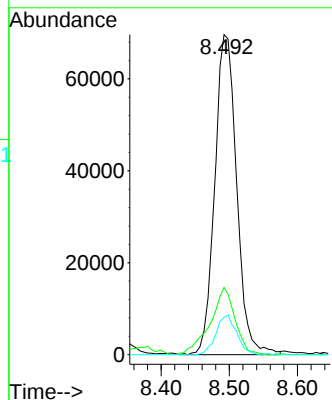
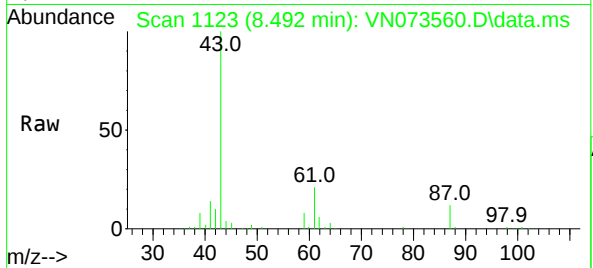




#43
Isopropyl Acetate
Concen: 20.269 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

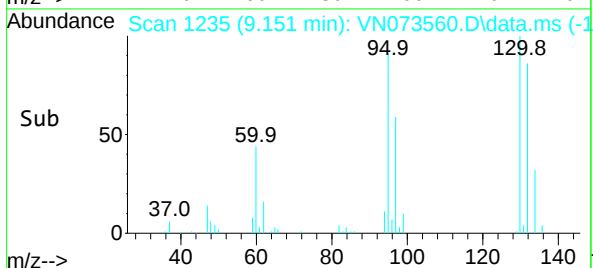
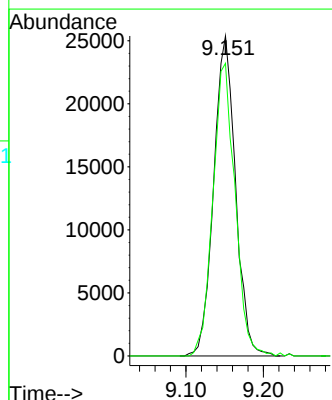
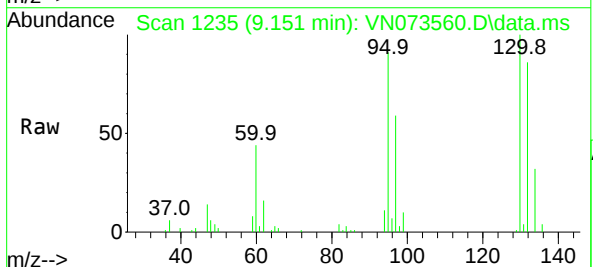
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion: 43 Resp: 155780
Ion Ratio Lower Upper
43 100
61 24.0 21.9 32.9
87 11.6 12.0 18.0#



#44
Trichloroethene
Concen: 17.892 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion:130 Resp: 49733
Ion Ratio Lower Upper
130 100
95 91.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 18.750 ug/l

RT: 9.427 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

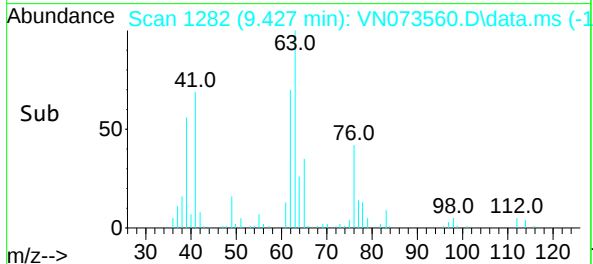
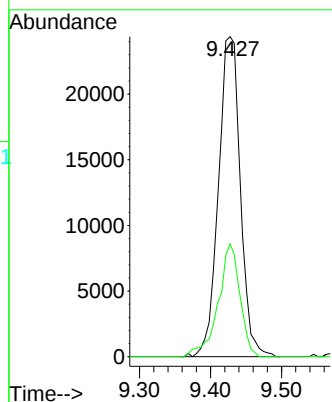
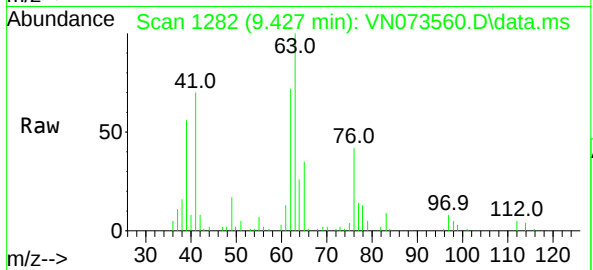
VN0721WBSD02

Tgt Ion: 63 Resp: 52200

Ion Ratio Lower Upper

63 100

65 35.2 24.9 37.3



#46

Dibromomethane

Concen: 19.565 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

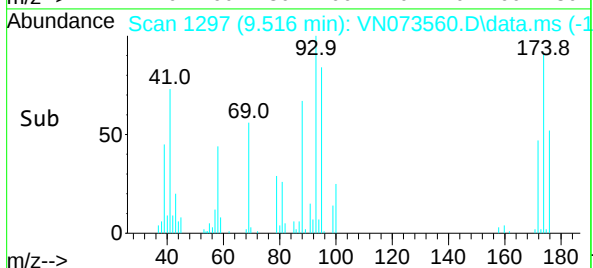
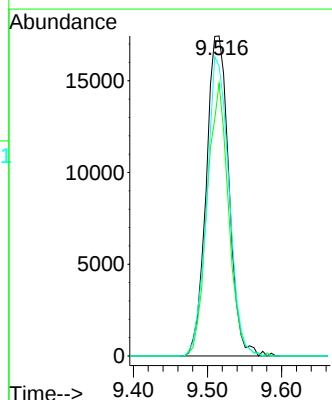
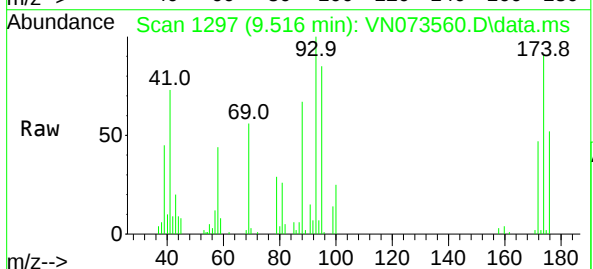
Tgt Ion: 93 Resp: 36983

Ion Ratio Lower Upper

93 100

95 80.5 66.9 100.3

174 91.5 86.6 130.0

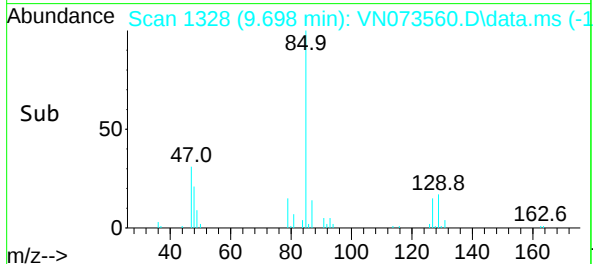
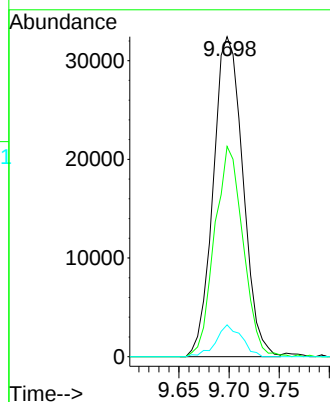
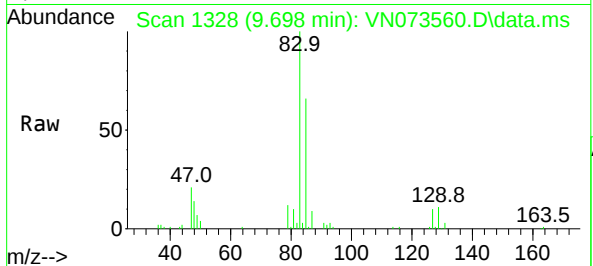




#47
Bromodichloromethane
Concen: 18.216 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

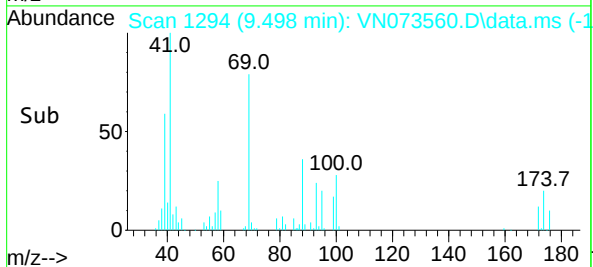
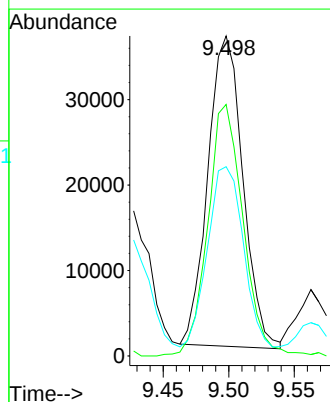
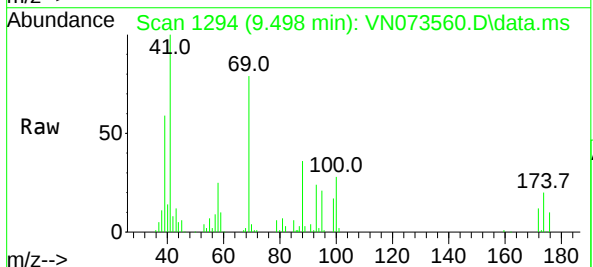
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

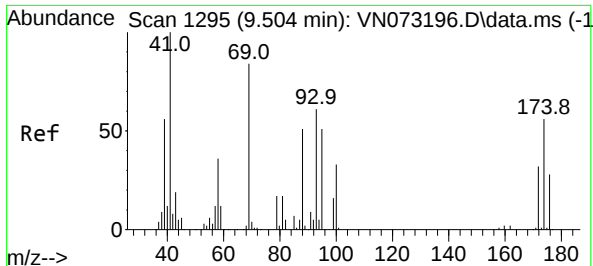
Tgt Ion: 83 Resp: 66690
Ion Ratio Lower Upper
83 100
85 65.7 50.5 75.7
127 9.9 6.8 10.2



#48
Methyl methacrylate
Concen: 18.931 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 41 Resp: 67366
Ion Ratio Lower Upper
41 100
69 82.1 74.7 112.1
39 60.1 45.6 68.4

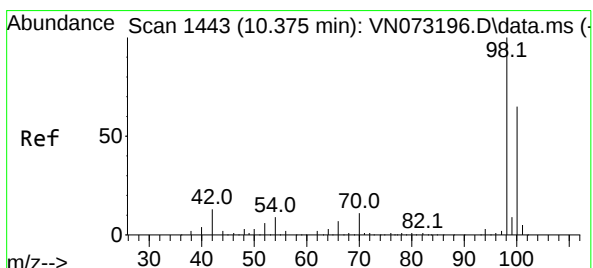
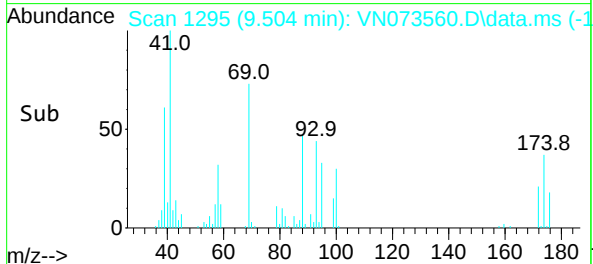
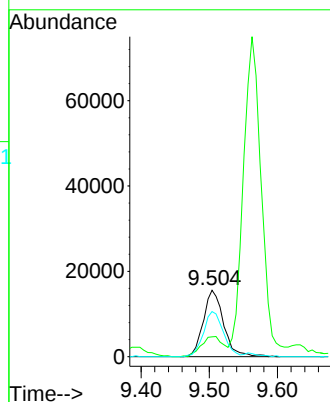
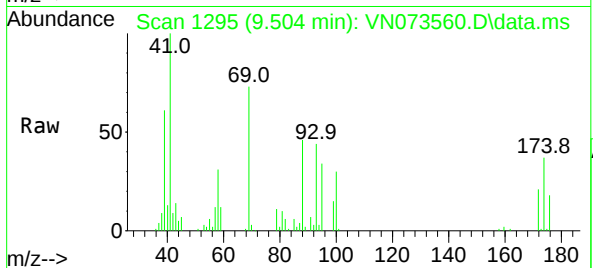




#49
1,4-Dioxane
Concen: 477.347 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

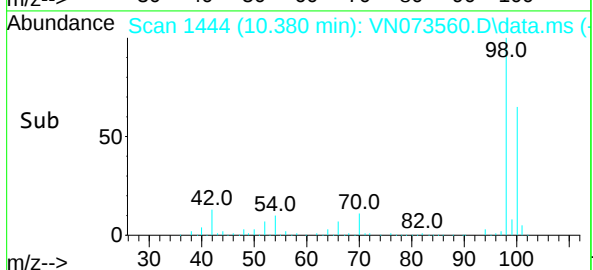
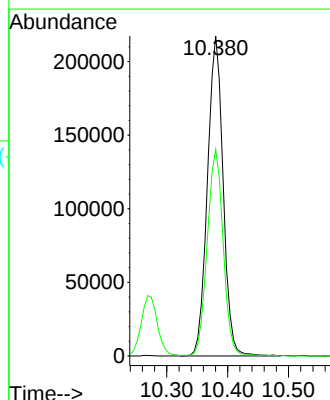
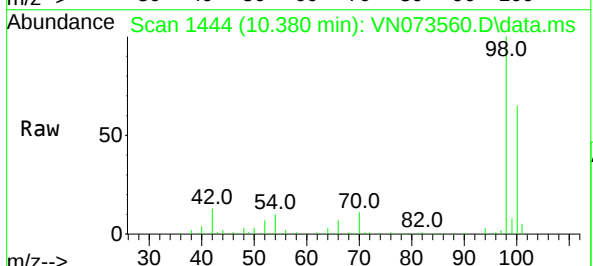
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

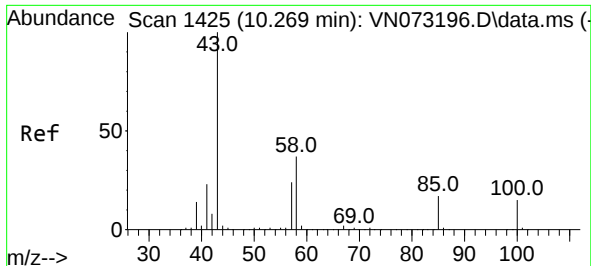
Tgt Ion: 88 Resp: 32247
Ion Ratio Lower Upper
88 100
43 33.0 20.2 30.4#
58 66.5 54.2 81.4



#50
Toluene-d8
Concen: 47.588 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 98 Resp: 388767
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

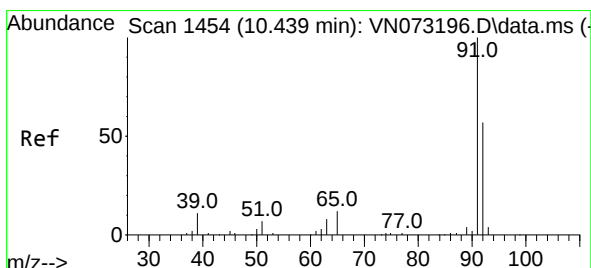
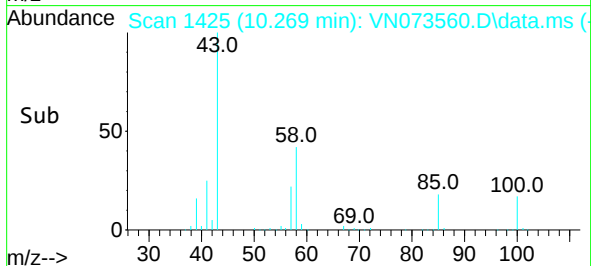
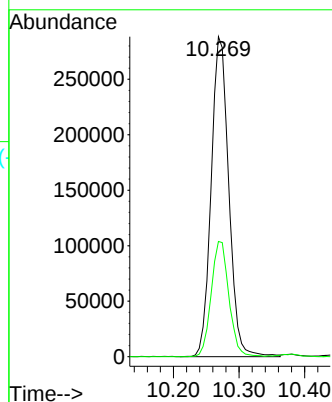
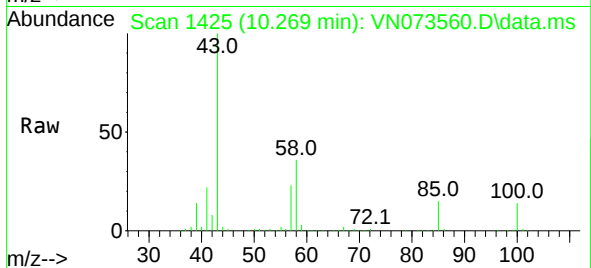




#51
4-Methyl-2-Pentanone
Concen: 110.316 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

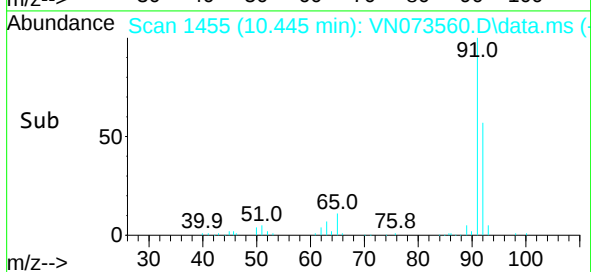
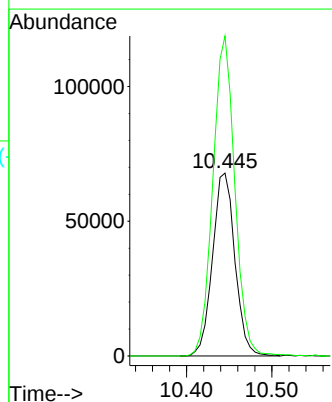
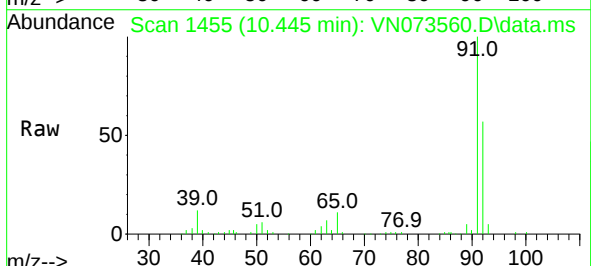
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

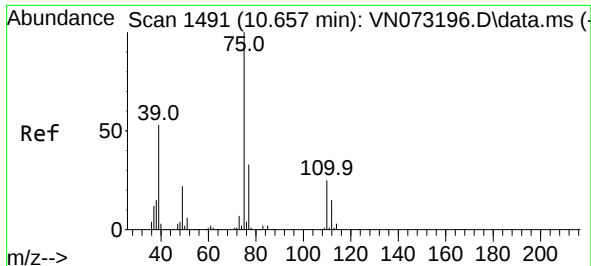
Tgt Ion: 43 Resp: 537669
Ion Ratio Lower Upper
43 100
58 36.2 34.1 51.1



#52
Toluene
Concen: 18.327 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 92 Resp: 123713
Ion Ratio Lower Upper
92 100
91 172.1 138.6 207.8

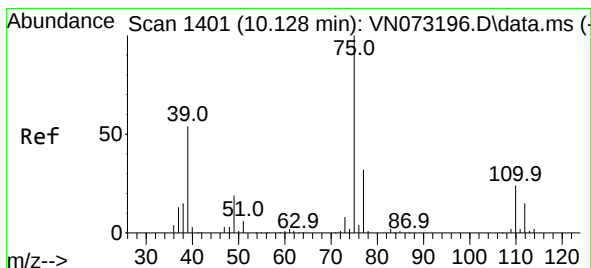
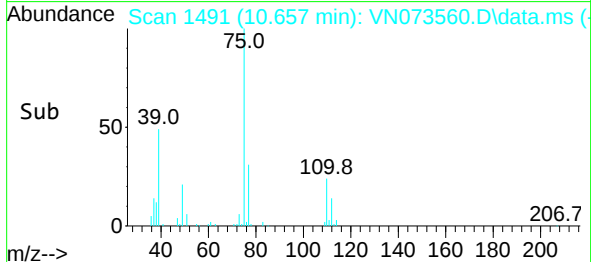
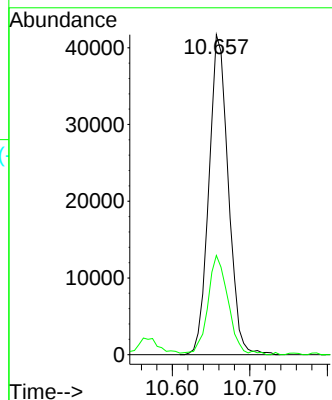
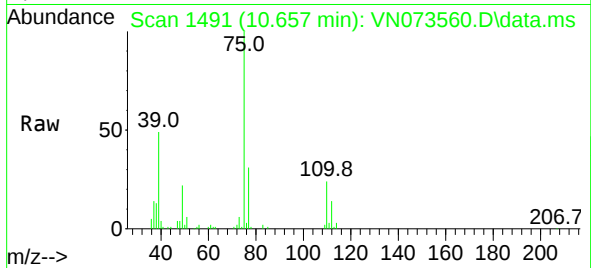




#53
t-1,3-Dichloropropene
Concen: 17.998 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

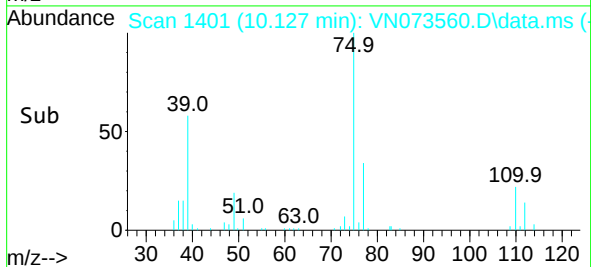
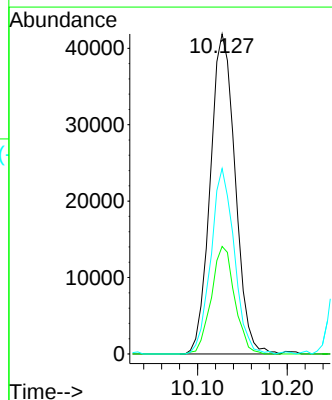
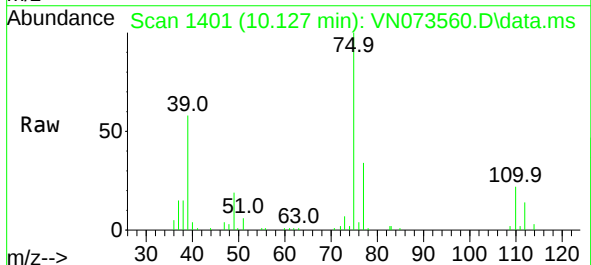
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

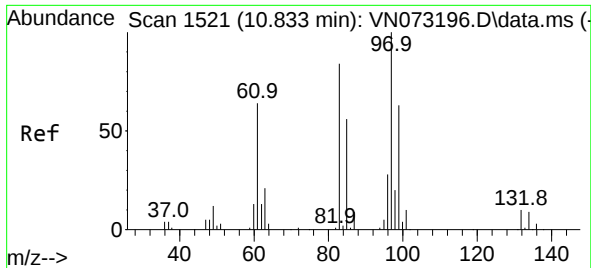
Tgt Ion: 75 Resp: 72541
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 18.540 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.001 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 75 Resp: 80672
Ion Ratio Lower Upper
75 100
77 33.6 25.2 37.8
39 58.0 35.7 53.5#

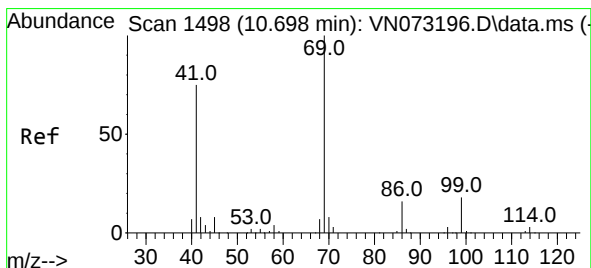
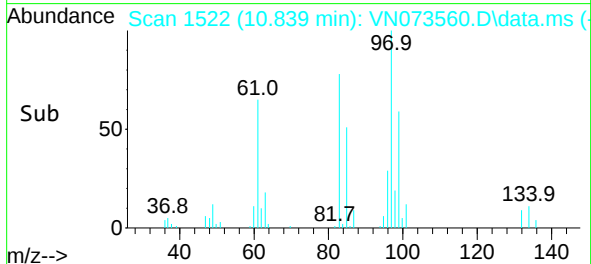
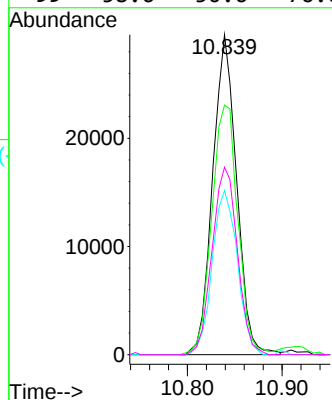
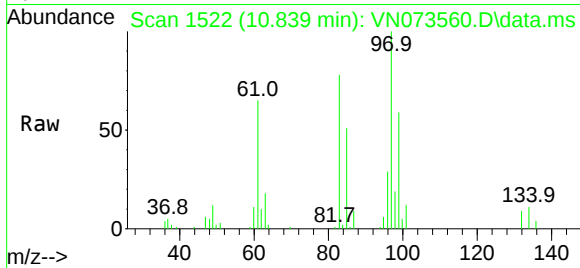




#55
1,1,2-Trichloroethane
Concen: 18.656 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

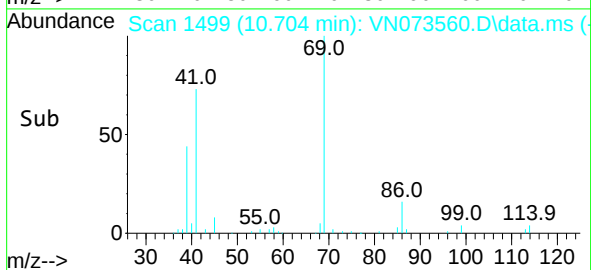
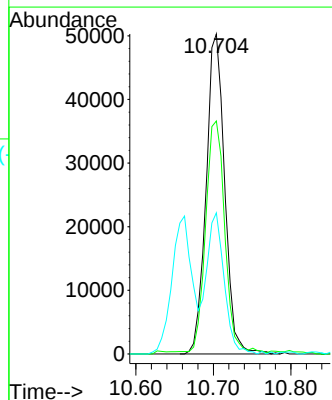
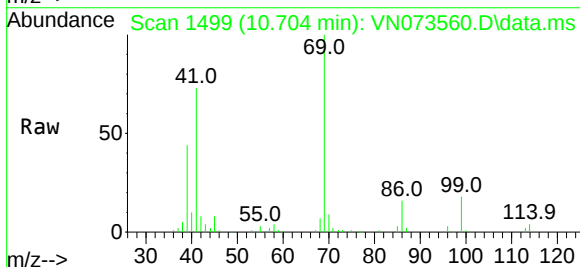
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

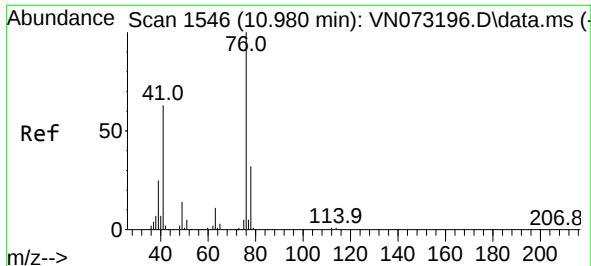
Tgt Ion:	97	Resp:	51845
Ion	Ratio	Lower	Upper
97	100		
83	78.0	66.2	99.4
85	51.3	43.9	65.9
99	58.6	50.6	76.0



#56
Ethyl methacrylate
Concen: 18.633 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion:	69	Resp:	83692
Ion	Ratio	Lower	Upper
69	100		
41	74.5	47.8	71.6#
39	42.2	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 18.965 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

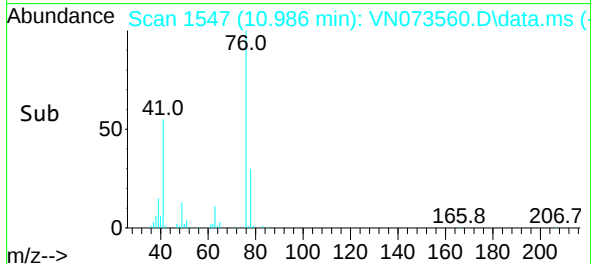
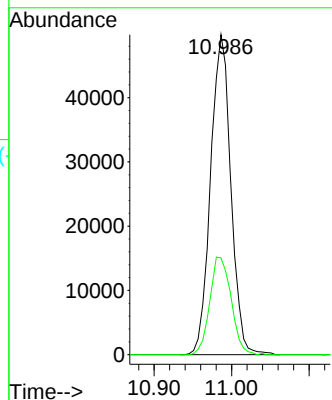
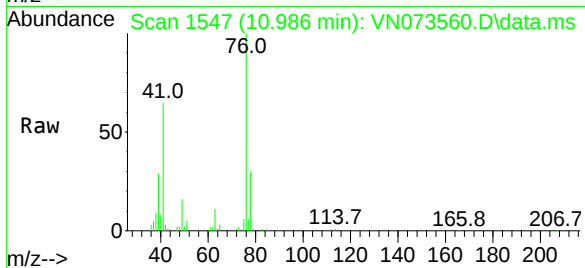
VN0721WBSD02

Tgt Ion: 76 Resp: 90346

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 98.376 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073560.D

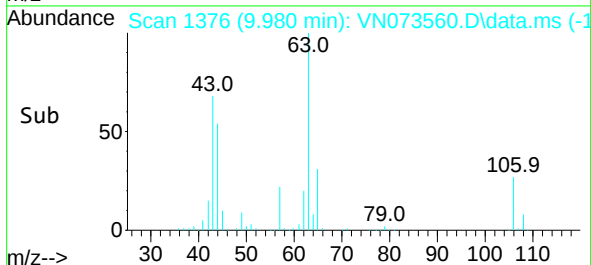
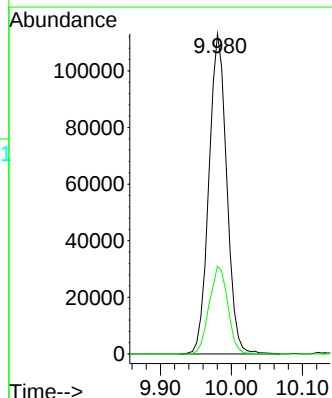
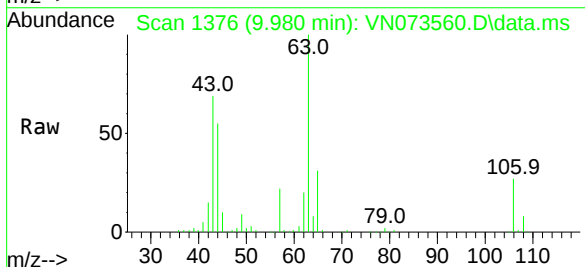
Acq: 21 Jul 2022 17:09

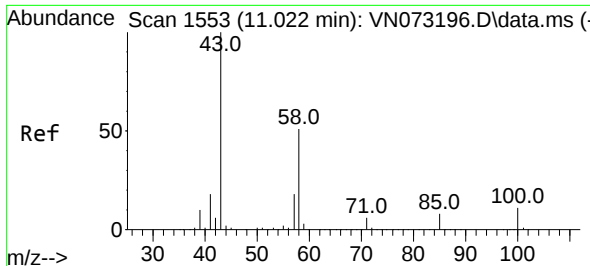
Tgt Ion: 63 Resp: 197067

Ion Ratio Lower Upper

63 100

106 28.4 24.6 36.8

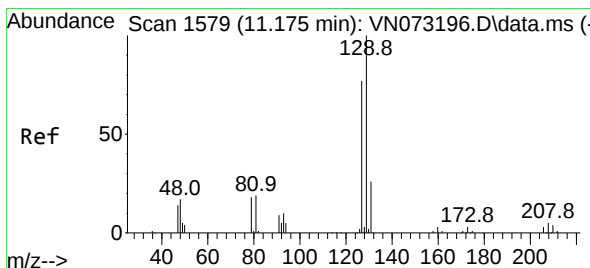
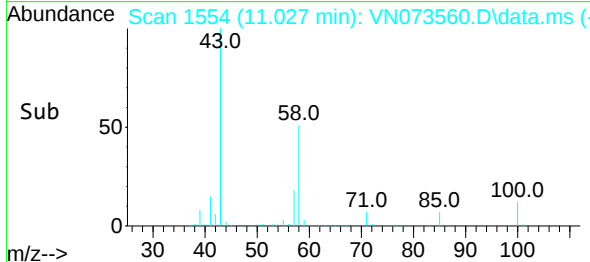
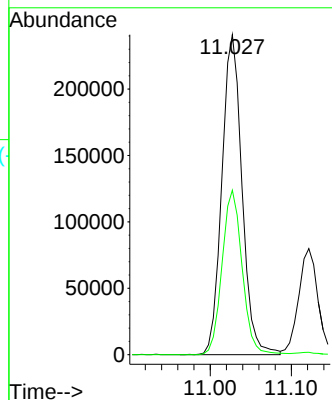
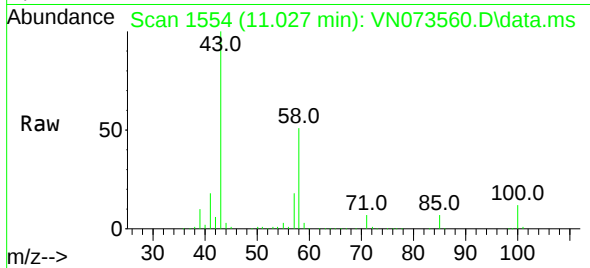




#59
2-Hexanone
Concen: 111.900 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

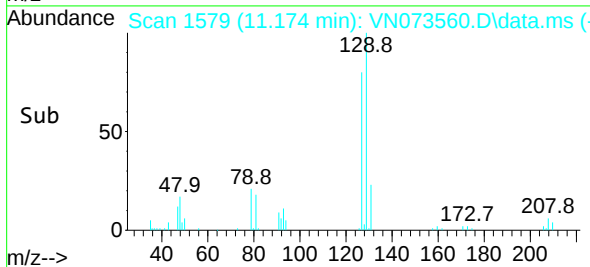
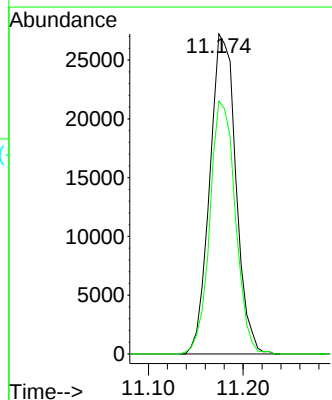
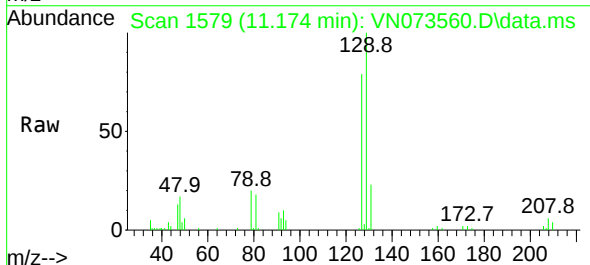
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion: 43 Resp: 415732
Ion Ratio Lower Upper
43 100
58 51.3 29.7 89.1



#60
Dibromochloromethane
Concen: 19.672 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 129 Resp: 52121
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4

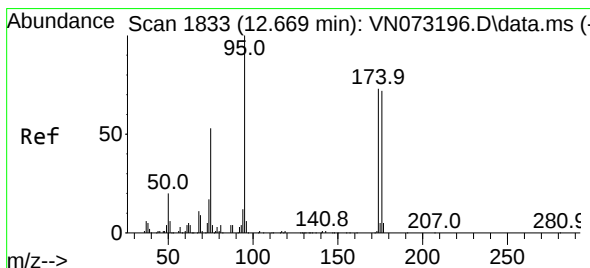
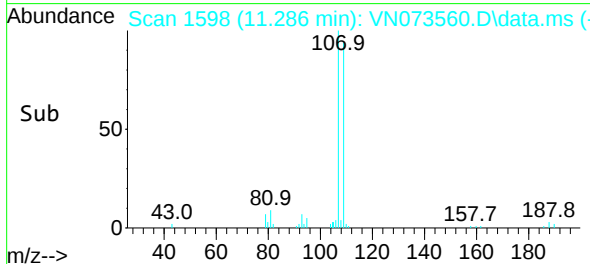
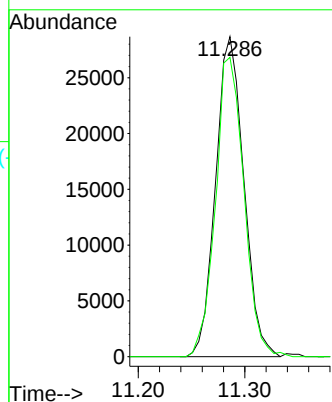
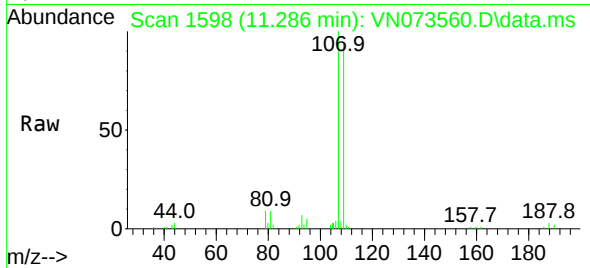




#61
1,2-Dibromoethane
Concen: 19.026 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

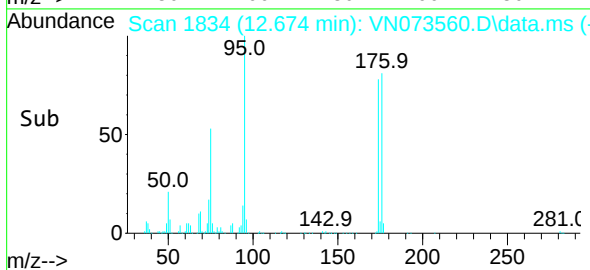
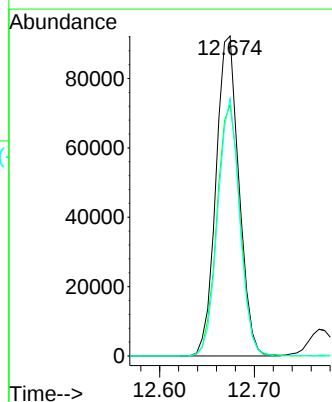
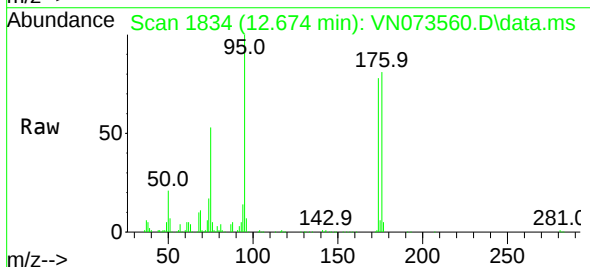
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion:107 Resp: 52811
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.622 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 95 Resp: 155786
Ion Ratio Lower Upper
95 100
174 79.1 0.0 167.6
176 76.6 0.0 163.4

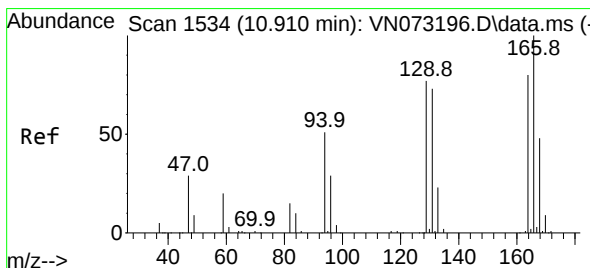
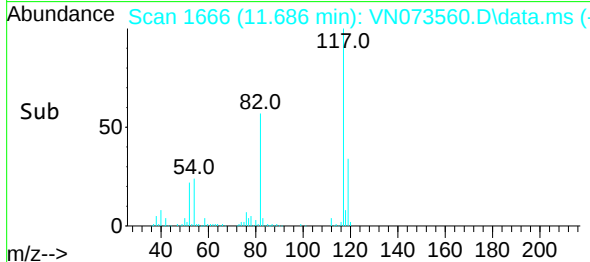
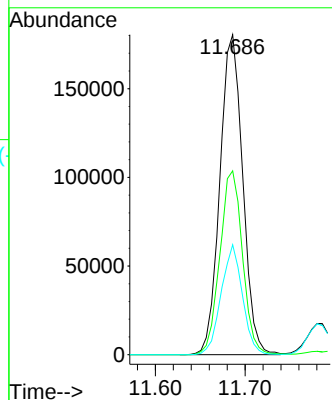
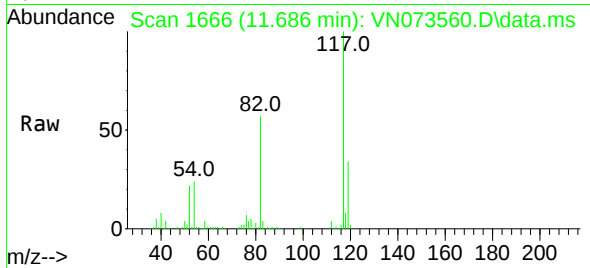




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

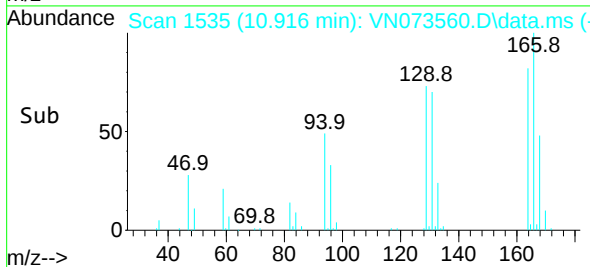
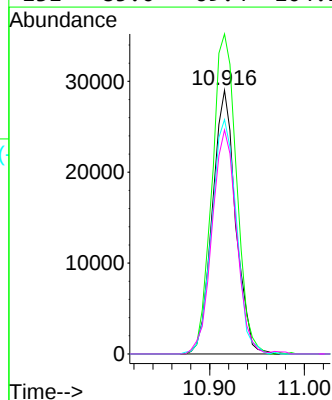
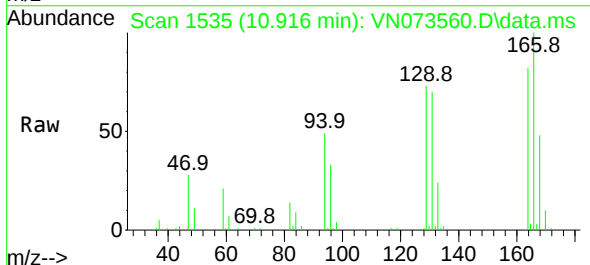
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

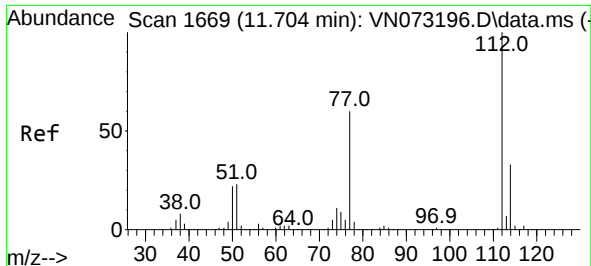
Tgt Ion:117 Resp: 319311
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 34.3 25.4 38.0



#64
Tetrachloroethene
Concen: 19.006 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion:164 Resp: 49557
Ion Ratio Lower Upper
164 100
166 121.3 104.2 156.2
129 88.9 73.9 110.9
131 85.0 69.4 104.2

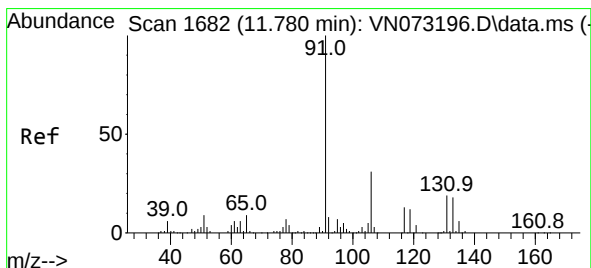
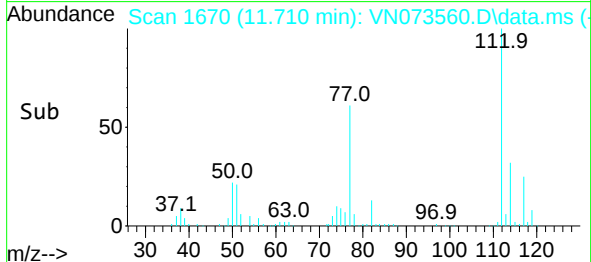
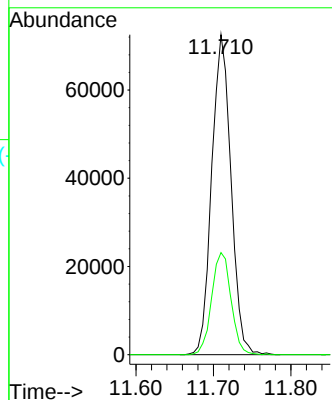
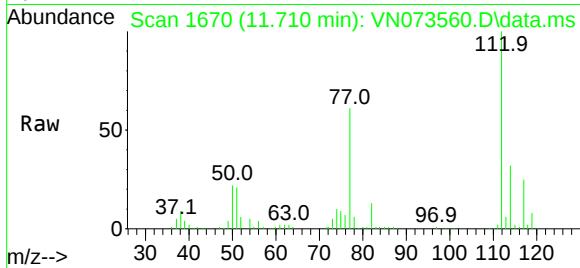




#65
Chlorobenzene
Concen: 17.334 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

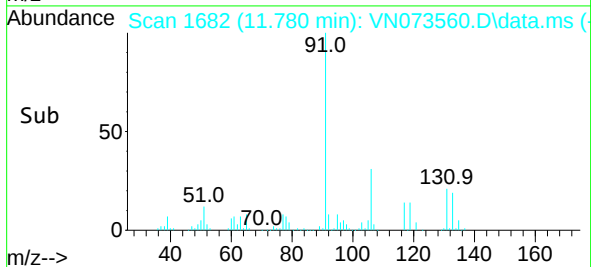
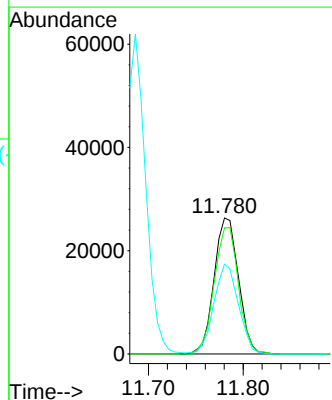
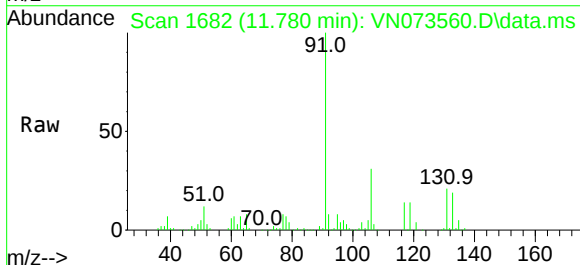
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

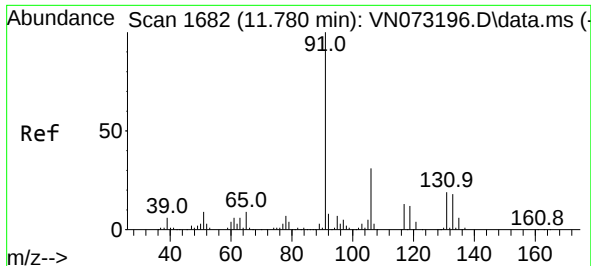
Tgt Ion:112 Resp: 125178
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.754 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion:131 Resp: 47158
Ion Ratio Lower Upper
131 100
133 92.8 47.8 143.4
119 66.6 33.4 100.2





#67

Ethyl Benzene

Concen: 17.424 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

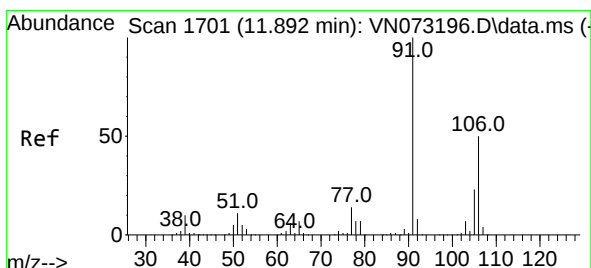
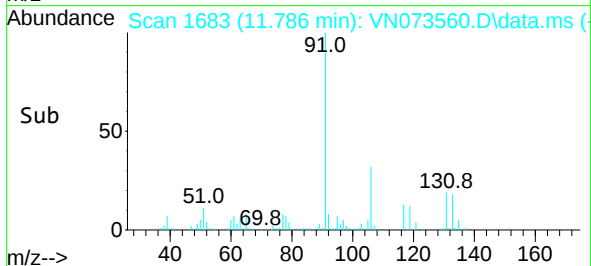
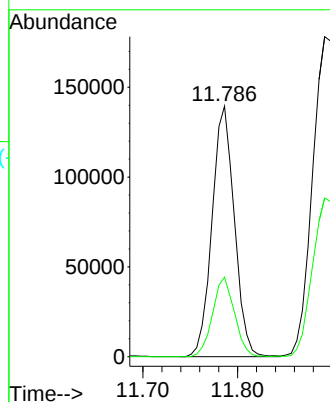
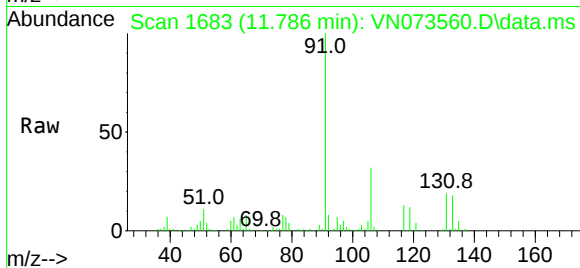
VN0721WBSD02

Tgt Ion: 91 Resp: 228435

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 35.575 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN073560.D

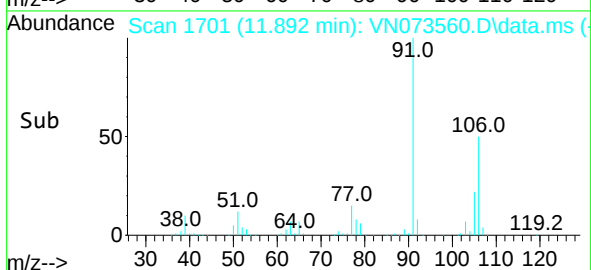
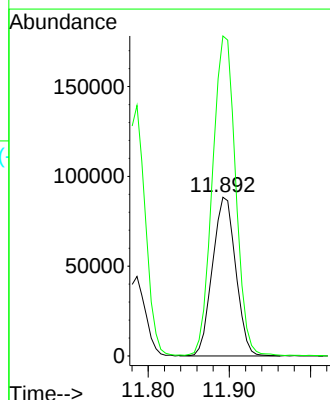
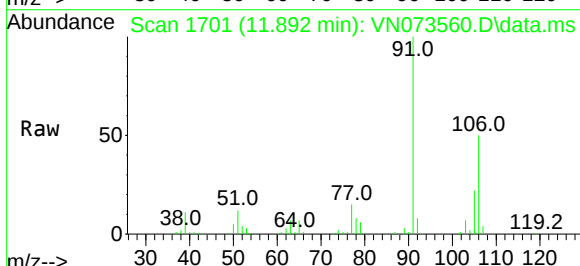
Acq: 21 Jul 2022 17:09

Tgt Ion: 106 Resp: 176023

Ion Ratio Lower Upper

106 100

91 200.2 158.9 238.3





#69

o-Xylene

Concen: 17.324 ug/l

RT: 12.221 min Scan# 1756

Delta R.T. 0.005 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

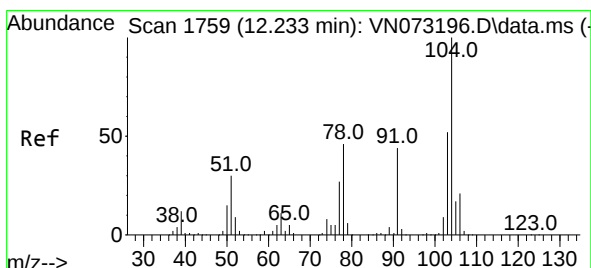
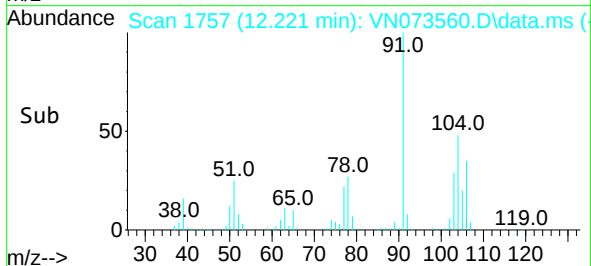
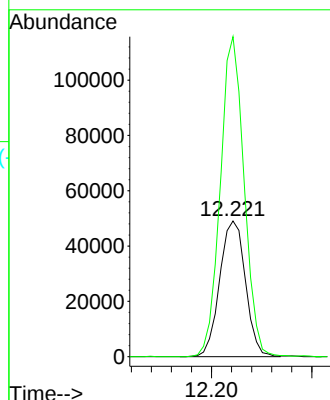
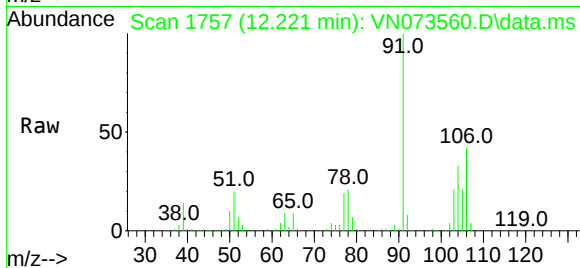
VN0721WBSD02

Tgt Ion:106 Resp: 87507

Ion Ratio Lower Upper

106 100

91 218.0 106.0 318.0



#70

Styrene

Concen: 17.531 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

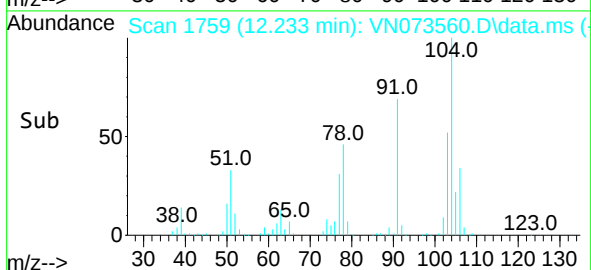
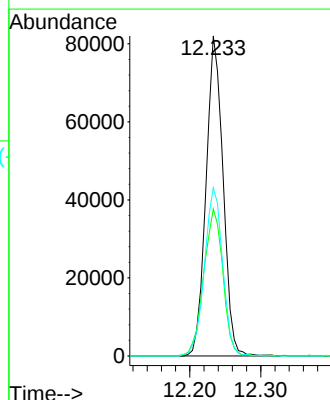
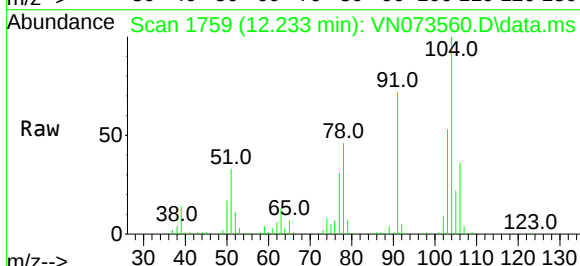
Tgt Ion:104 Resp: 136714

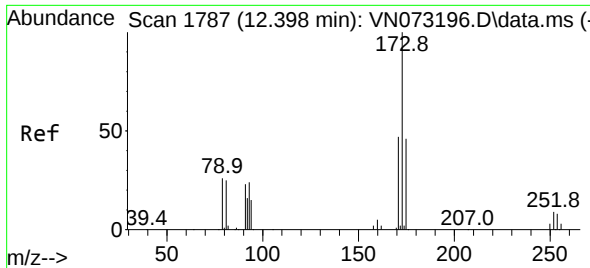
Ion Ratio Lower Upper

104 100

78 51.7 39.5 59.3

103 56.3 44.0 66.0

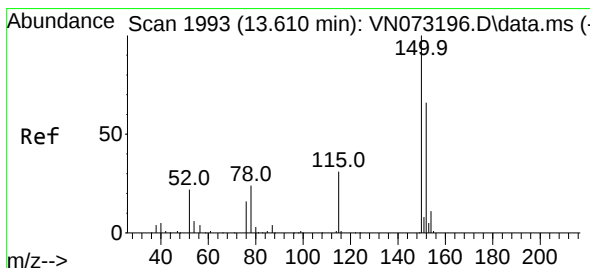
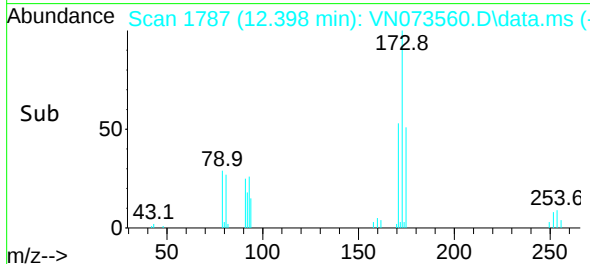
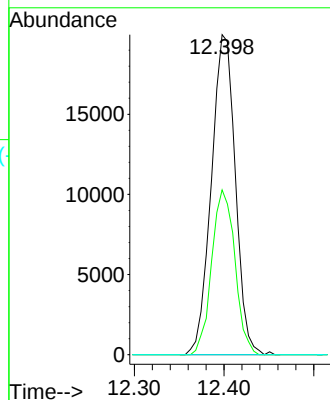
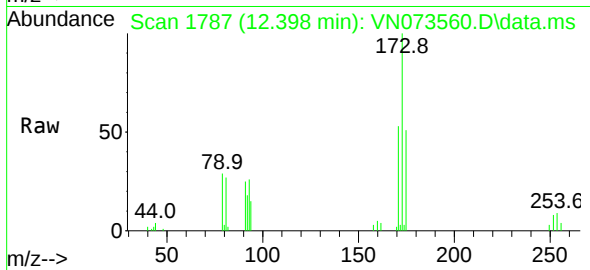




#71
Bromoform
Concen: 19.099 ug/l
RT: 12.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

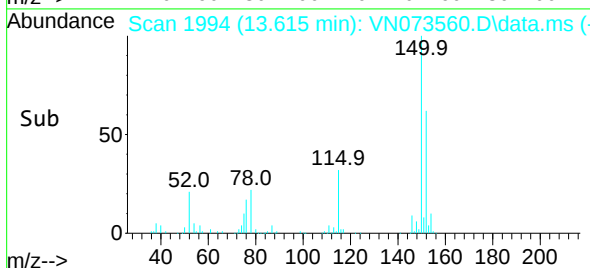
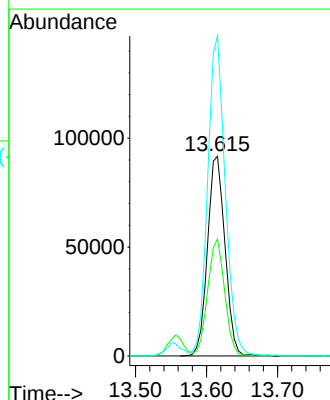
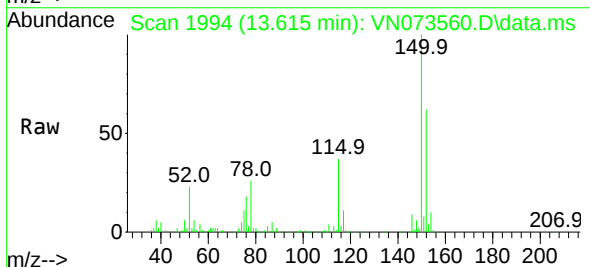
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

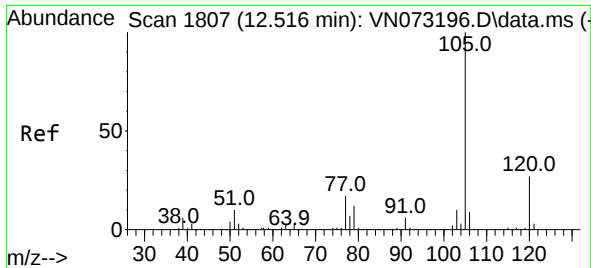
Tgt Ion:173 Resp: 37121
Ion Ratio Lower Upper
173 100
175 49.7 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion:152 Resp: 157266
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.7
150 161.4 0.0 356.2

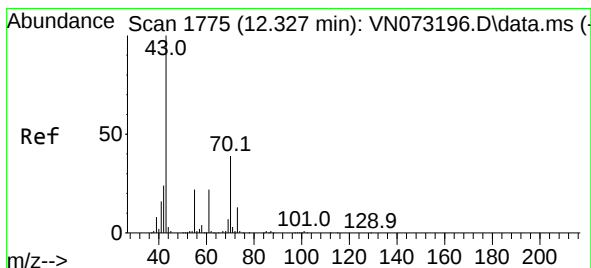
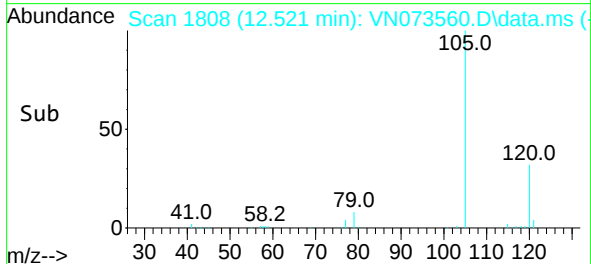
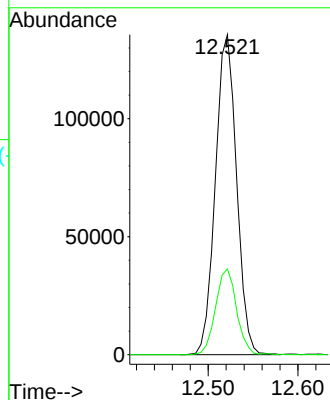
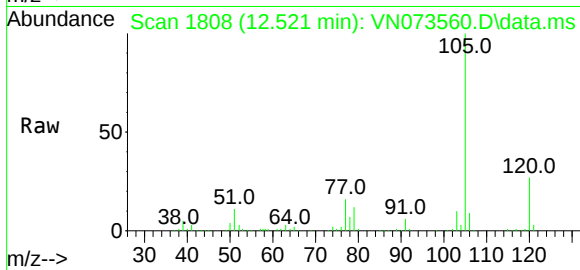




#73
Isopropylbenzene
Concen: 16.355 ug/l
RT: 12.521 min Scan# 1807
Delta R.T. 0.005 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

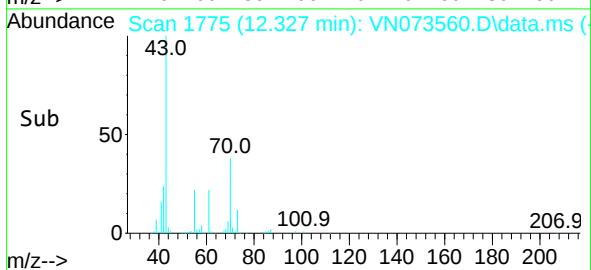
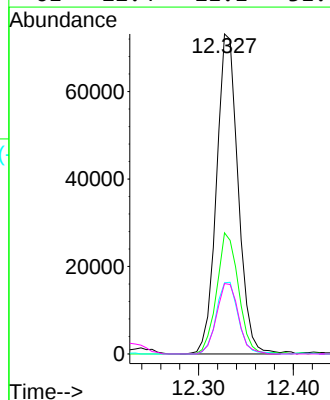
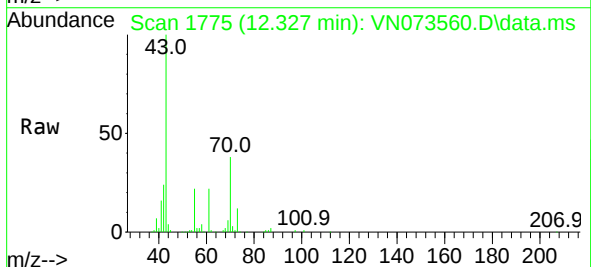
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

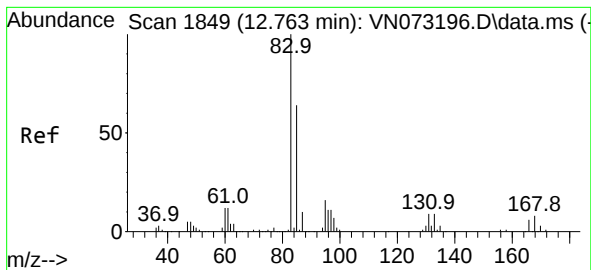
Tgt Ion:105 Resp: 222113
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 17.025 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 43 Resp: 115774
Ion Ratio Lower Upper
43 100
70 38.3 39.0 58.4#
55 22.8 21.1 31.7
61 22.4 21.1 31.7

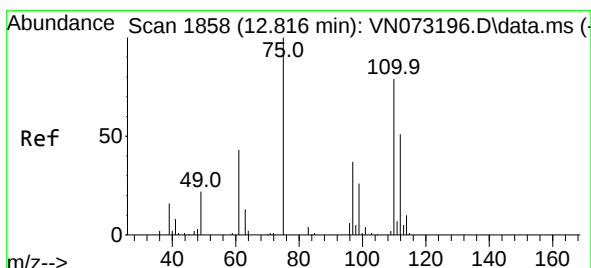
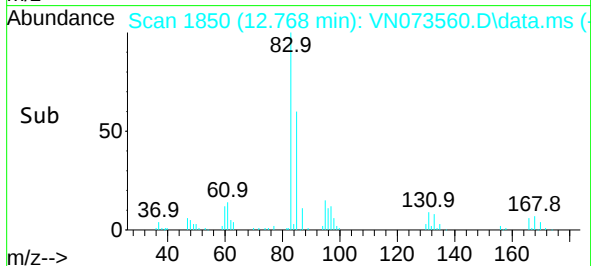
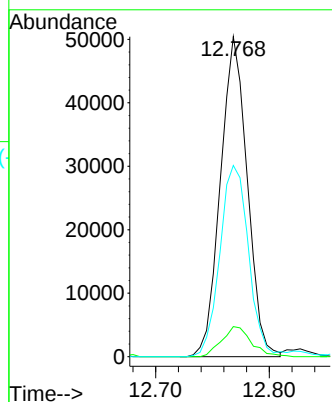
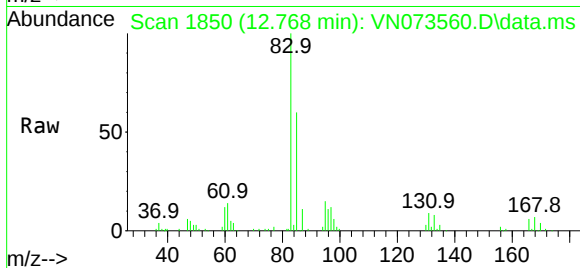




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.365 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. 0.005 min
 Lab File: VN073560.D
 Acq: 21 Jul 2022 17:09

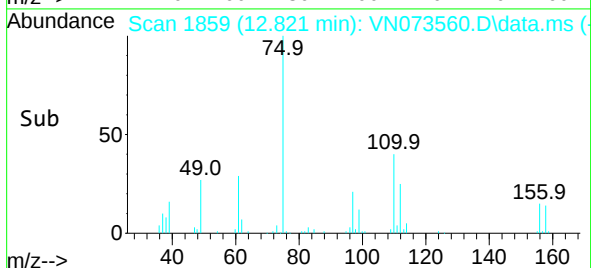
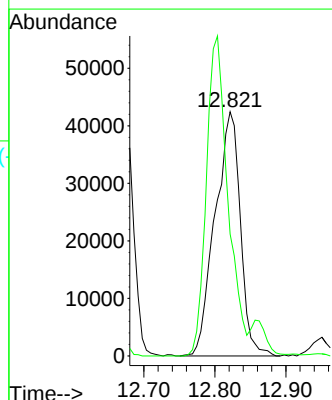
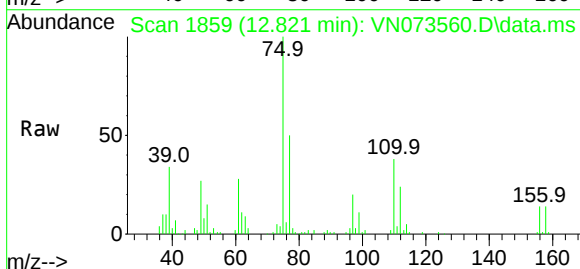
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD02

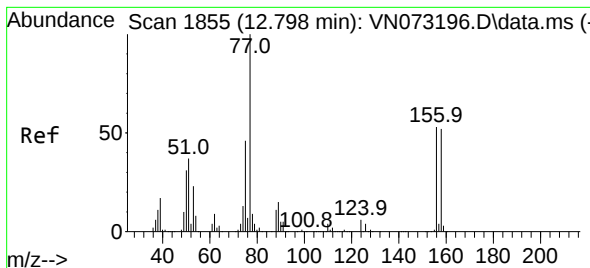
Tgt Ion: 83 Resp: 82763
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 15.9
 85 64.1 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 25.512 ug/l
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.005 min
 Lab File: VN073560.D
 Acq: 21 Jul 2022 17:09

Tgt Ion: 75 Resp: 104912
 Ion Ratio Lower Upper
 75 100
 77 111.5 98.5 295.5





#77

Bromobenzene

Concen: 16.728 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

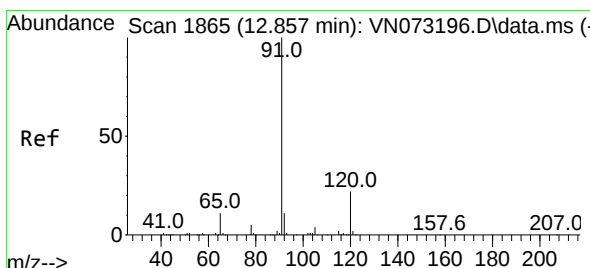
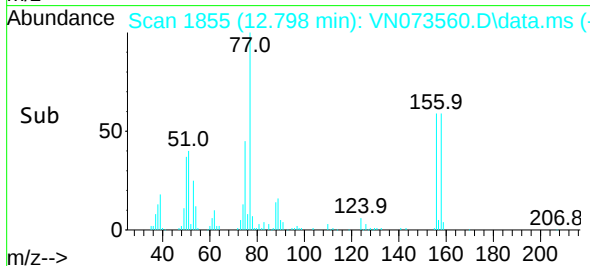
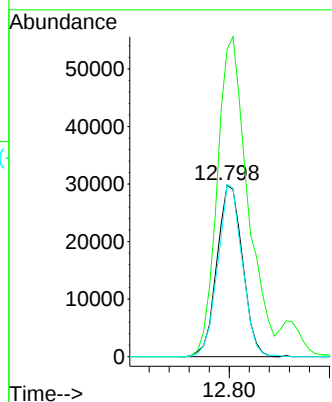
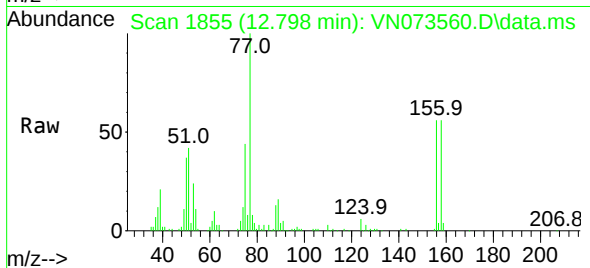
Tgt Ion:156 Resp: 52817

Ion Ratio Lower Upper

156 100

77 221.5 100.5 301.5

158 96.0 48.9 146.6



#78

n-propylbenzene

Concen: 16.646 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN073560.D

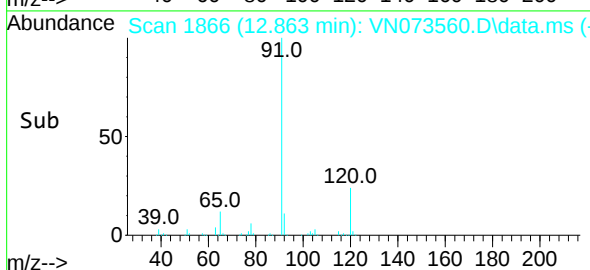
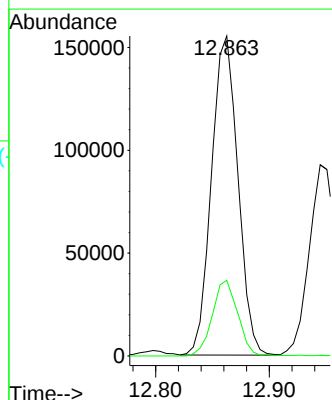
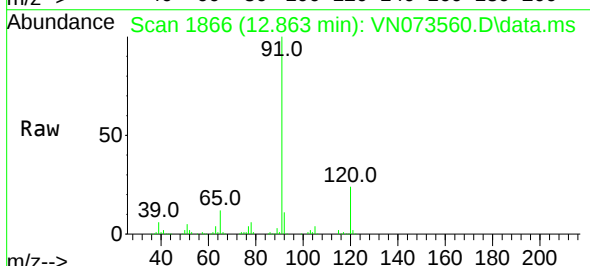
Acq: 21 Jul 2022 17:09

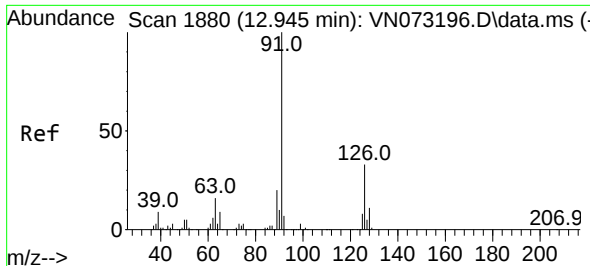
Tgt Ion: 91 Resp: 251142

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.5

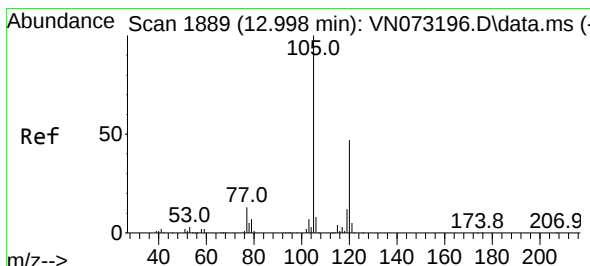
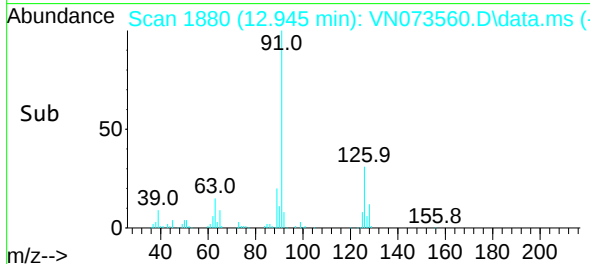
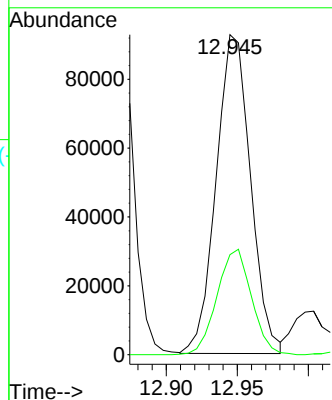
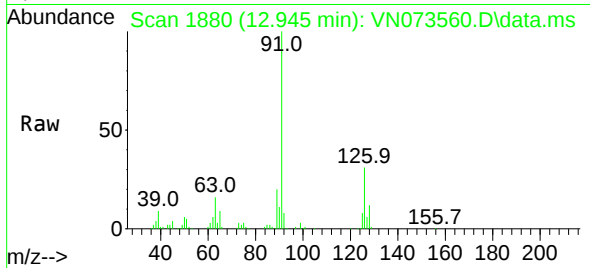




#79
2-Chlorotoluene
Concen: 16.354 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

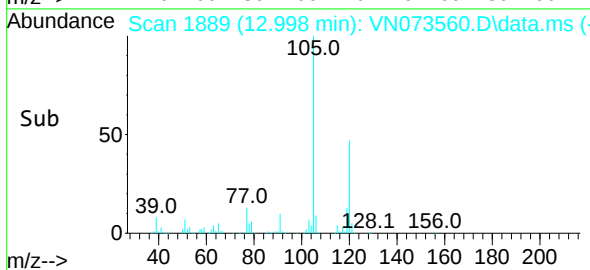
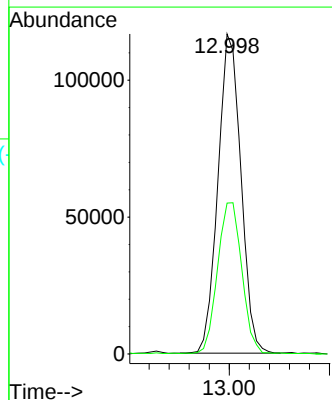
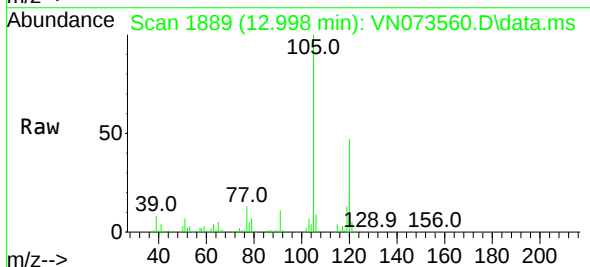
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

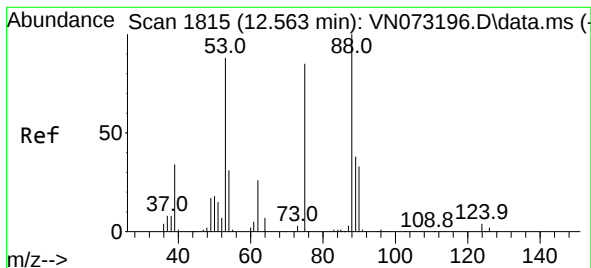
Tgt Ion: 91 Resp: 156156
Ion Ratio Lower Upper
91 100
126 33.1 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 16.730 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 105 Resp: 185194
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.7

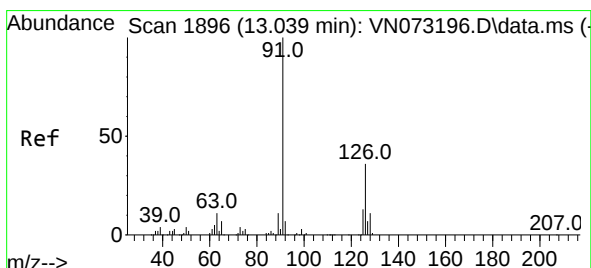
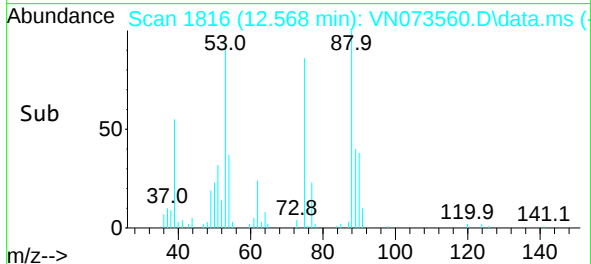
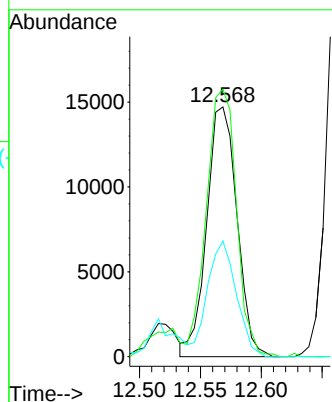
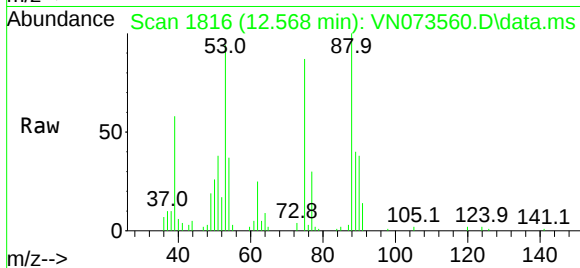




#81
trans-1,4-Dichloro-2-butene
Concen: 16.966 ug/l
RT: 12.568 min Scan# 1815
Delta R.T. 0.005 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

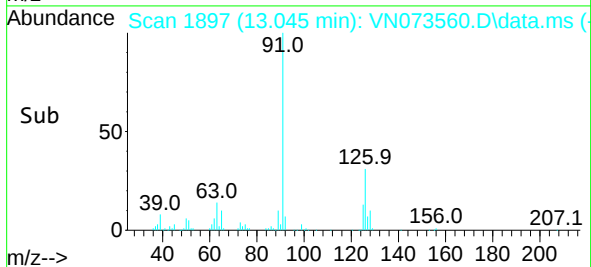
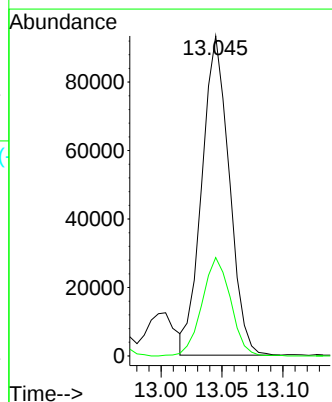
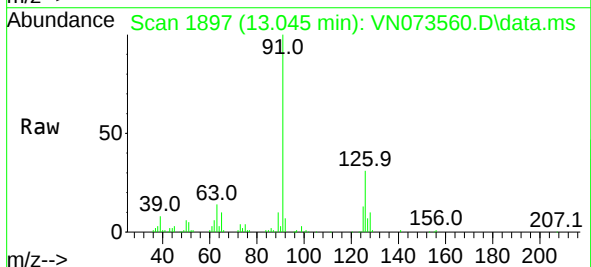
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion: 75 Resp: 25440
Ion Ratio Lower Upper
75 100
53 106.1 78.0 117.0
89 44.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 15.738 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 91 Resp: 145486
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 16.806 ug/l

RT: 13.262 min Scan# 1934

Delta R.T. 0.005 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

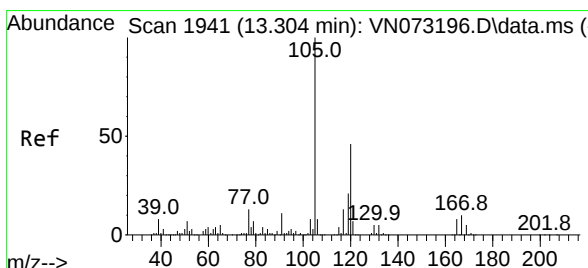
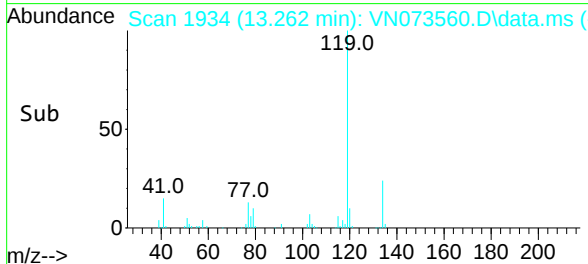
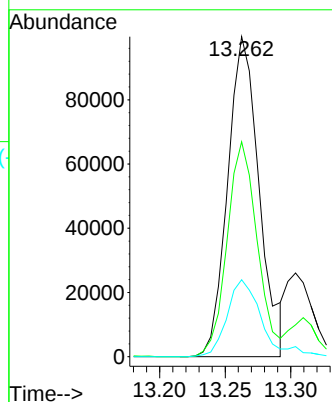
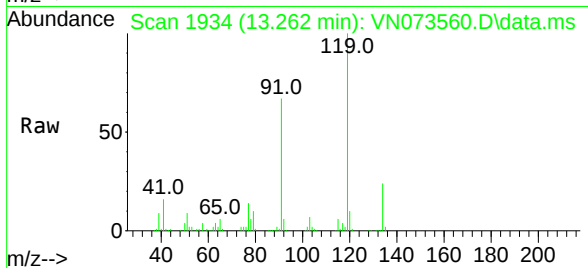
Tgt Ion:119 Resp: 166779

Ion Ratio Lower Upper

119 100

91 64.2 31.6 94.8

134 26.4 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 16.667 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073560.D

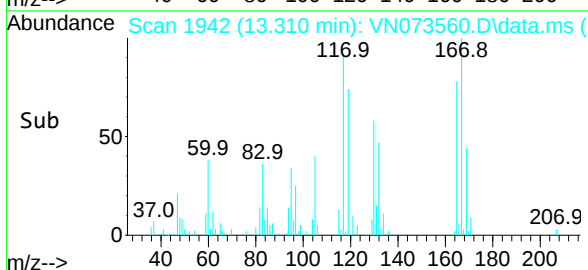
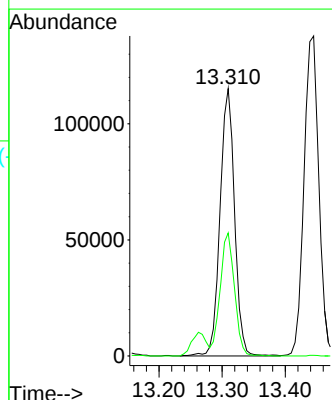
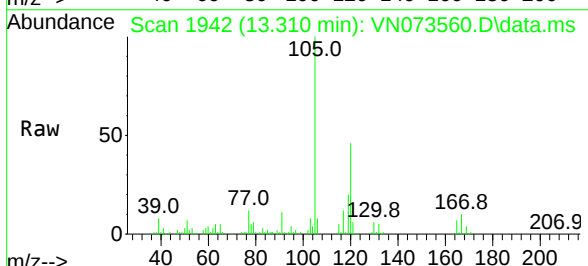
Acq: 21 Jul 2022 17:09

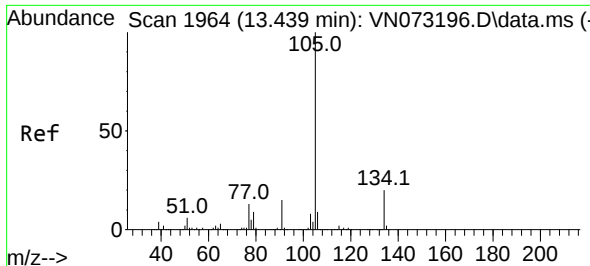
Tgt Ion:105 Resp: 184197

Ion Ratio Lower Upper

105 100

120 45.5 23.3 69.8

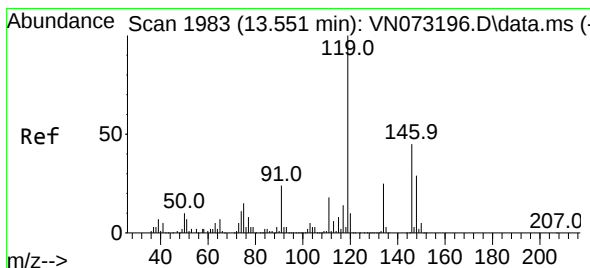
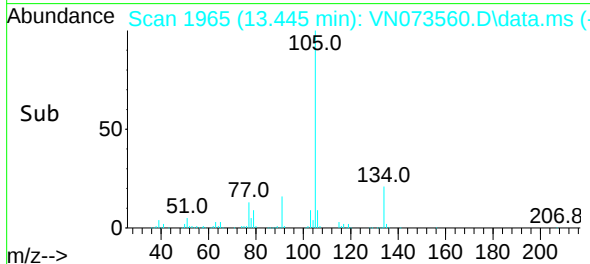
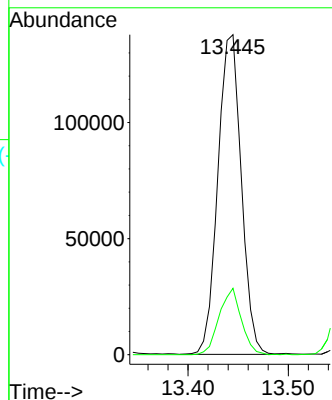
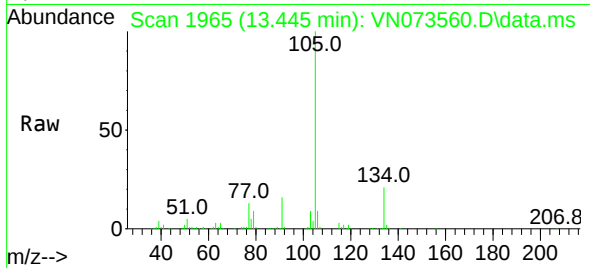




#85
 sec-Butylbenzene
 Concen: 16.776 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VN073560.D
 Acq: 21 Jul 2022 17:09

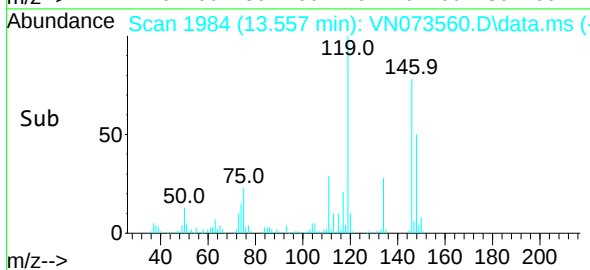
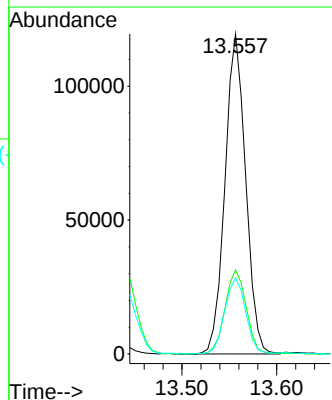
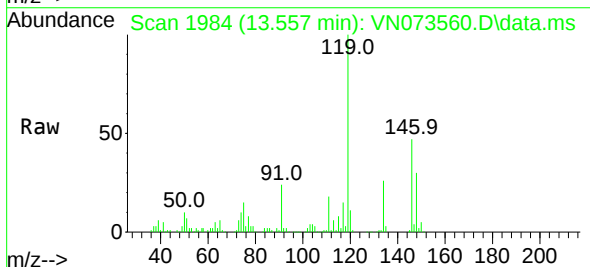
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD02

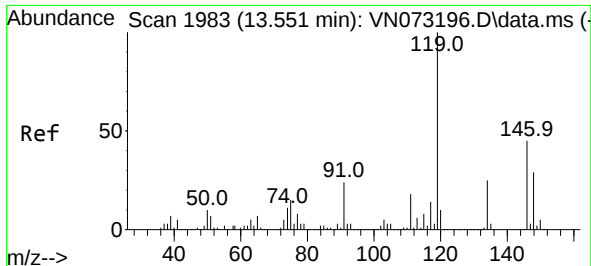
Tgt Ion:105 Resp: 223545
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 16.860 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073560.D
 Acq: 21 Jul 2022 17:09

Tgt Ion:119 Resp: 181491
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 24.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 16.095 ug/l

RT: 13.557 min Scan# 1983

Delta R.T. 0.006 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

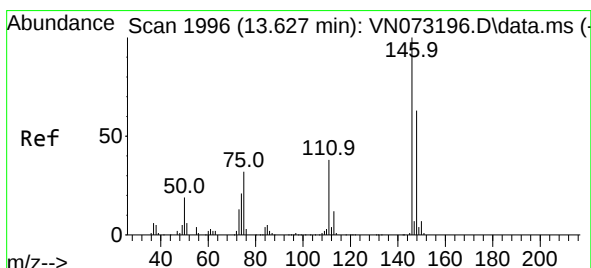
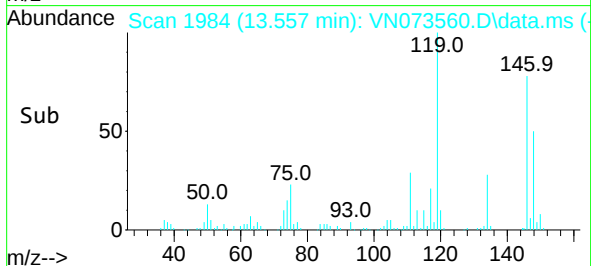
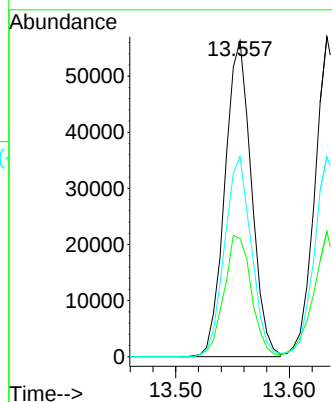
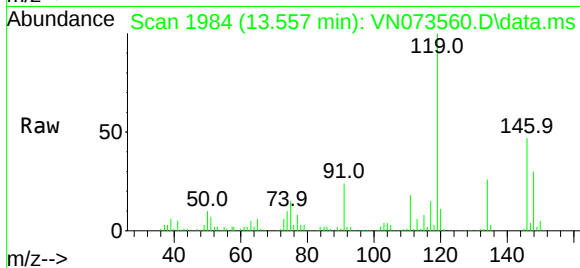
Tgt Ion:146 Resp: 91168

Ion Ratio Lower Upper

146 100

111 39.7 20.0 60.0

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 16.234 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.006 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

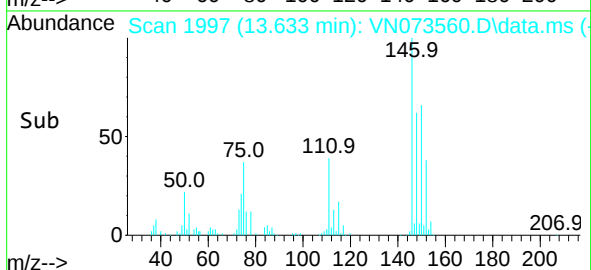
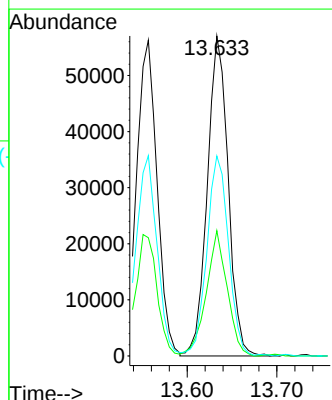
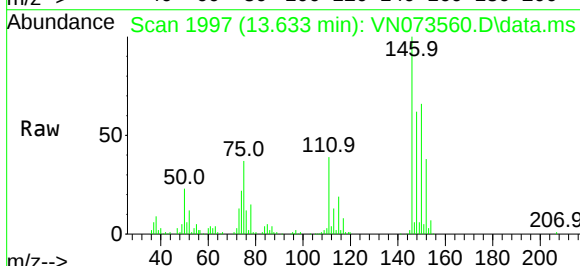
Tgt Ion:146 Resp: 92138

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.1

148 65.2 31.4 94.3





#89

n-Butylbenzene

Concen: 16.226 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

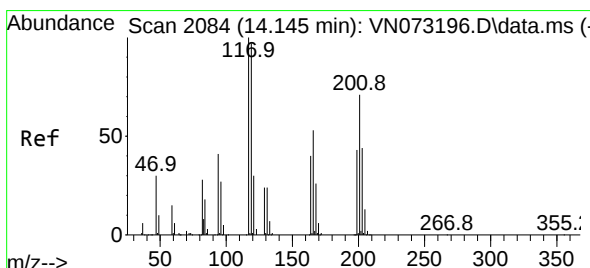
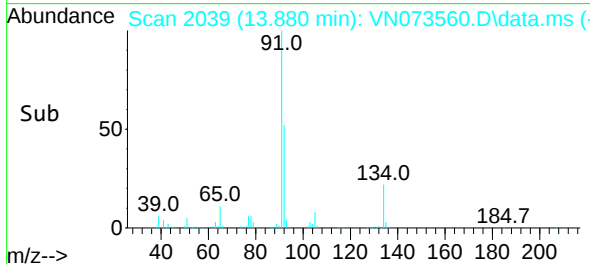
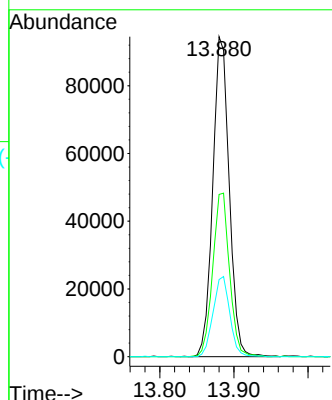
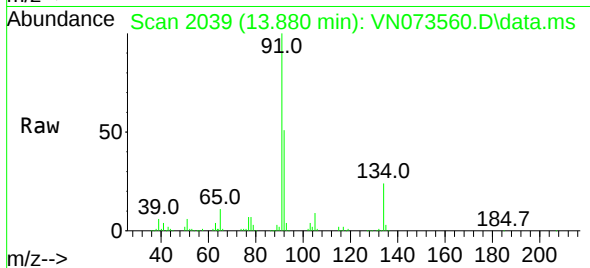
Tgt Ion: 91 Resp: 145552

Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.7

134 25.6 13.6 40.8



#90

Hexachloroethane

Concen: 16.752 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.006 min

Lab File: VN073560.D

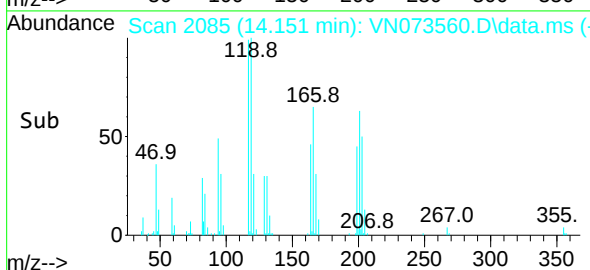
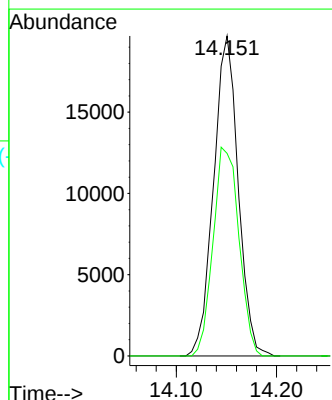
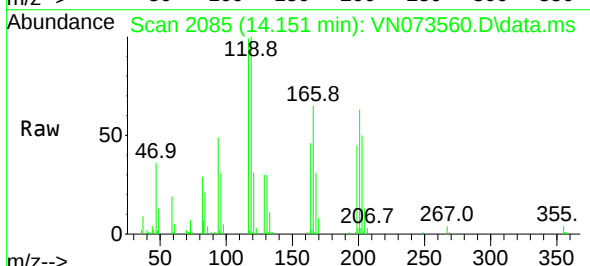
Acq: 21 Jul 2022 17:09

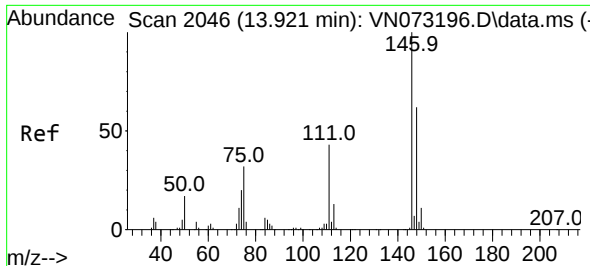
Tgt Ion: 117 Resp: 33607

Ion Ratio Lower Upper

117 100

201 68.4 40.6 122.0

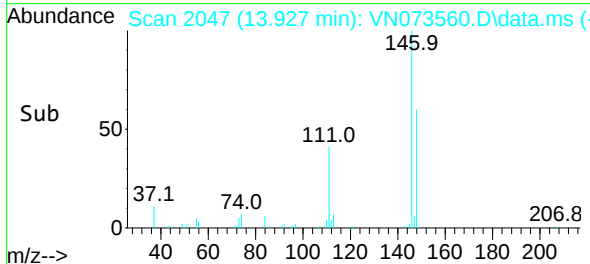
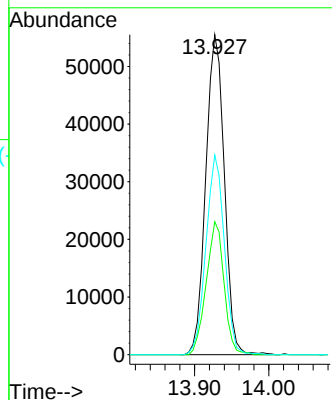
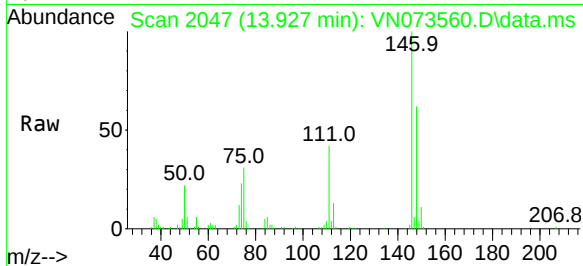




#91
1,2-Dichlorobenzene
Concen: 16.737 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

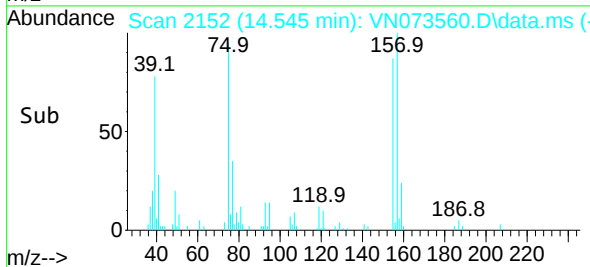
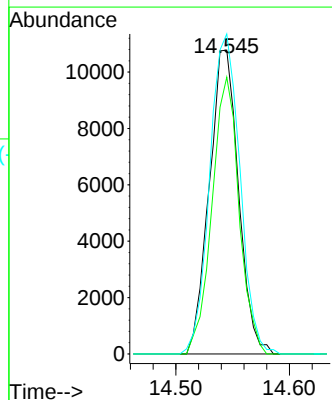
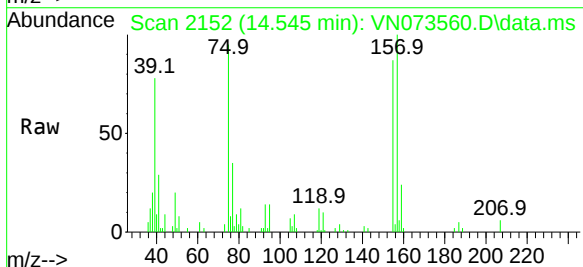
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

Tgt Ion:146 Resp: 96577
Ion Ratio Lower Upper
146 100
111 39.9 20.9 62.8
148 62.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.627 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion: 75 Resp: 19307
Ion Ratio Lower Upper
75 100
155 84.1 44.9 134.5
157 108.4 59.0 176.8

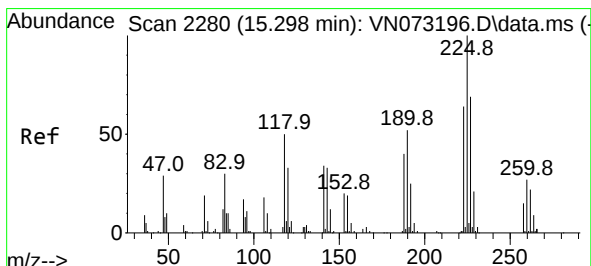
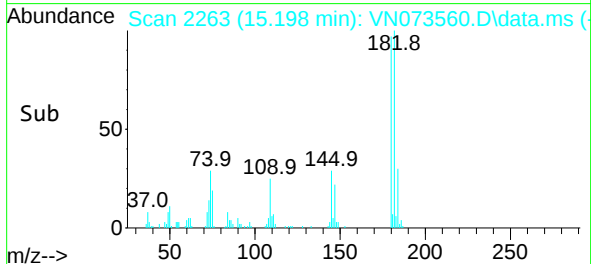
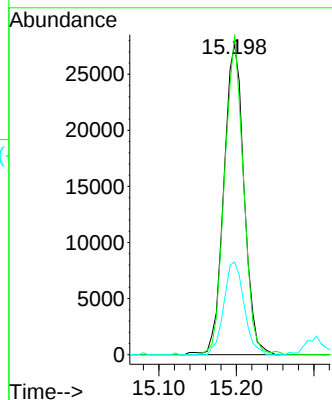
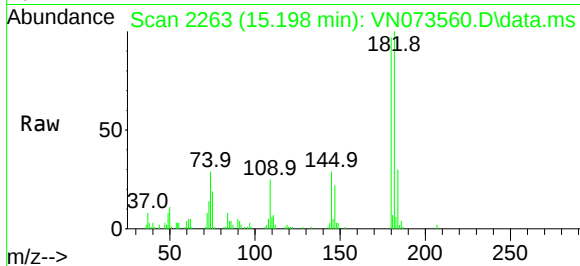




#93
1,2,4-Trichlorobenzene
Concen: 16.693 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

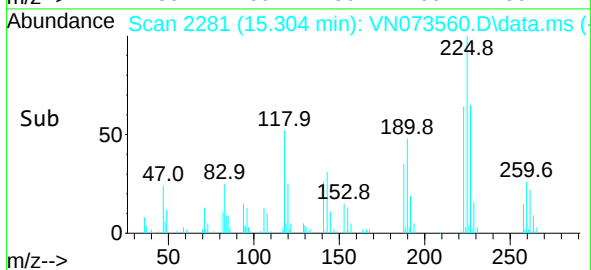
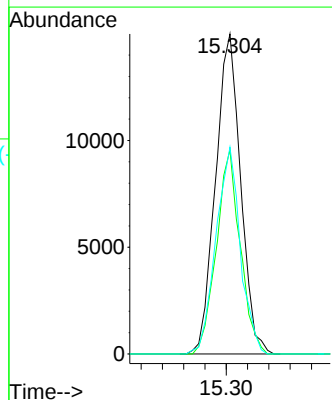
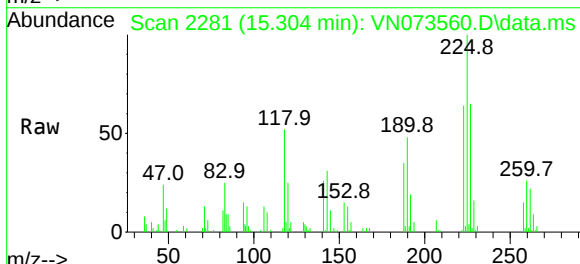
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD02

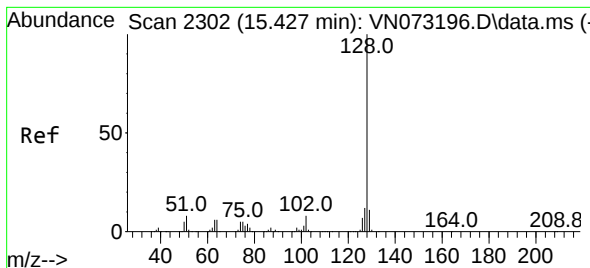
Tgt Ion:180 Resp: 50154
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 29.9 14.5 43.5



#94
Hexachlorobutadiene
Concen: 18.326 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073560.D
Acq: 21 Jul 2022 17:09

Tgt Ion:225 Resp: 24477
Ion Ratio Lower Upper
225 100
223 60.5 32.4 97.2
227 63.0 31.8 95.4





#95

Naphthalene

Concen: 16.618 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD02

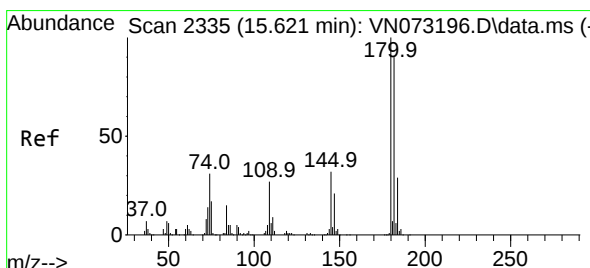
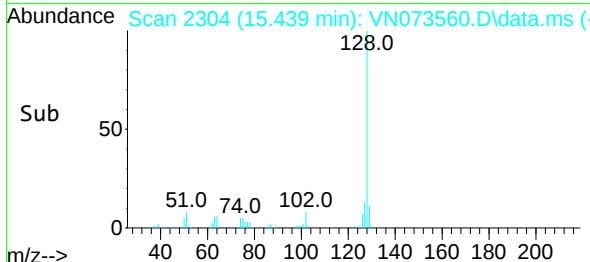
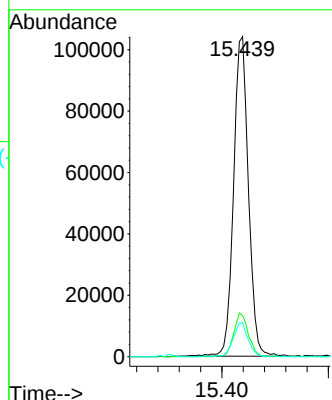
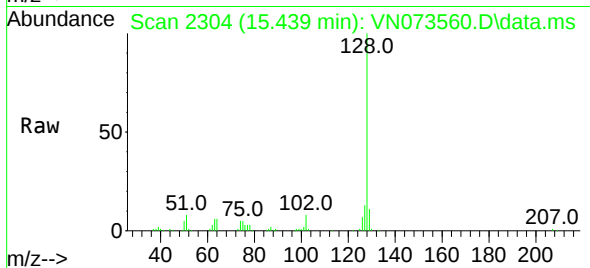
Tgt Ion:128 Resp: 201425

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.925 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073560.D

Acq: 21 Jul 2022 17:09

Tgt Ion:180 Resp: 52456

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 34.5 15.5 46.5

