

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
 Data File : VN079325.D
 Acq On : 21 Sep 2023 16:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 02:32:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	174264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	288026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121760	51.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.520%	
35) Dibromofluoromethane	8.171	113	96028	46.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.140%	
50) Toluene-d8	10.571	98	349083	45.609	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.220%	
62) 4-Bromofluorobenzene	12.853	95	132853	54.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	86207	49.996	ug/l	98
3) Chloromethane	2.365	50	107653	47.561	ug/l	97
4) Vinyl Chloride	2.518	62	125712	50.972	ug/l	97
5) Bromomethane	2.948	94	71963	50.762	ug/l	99
6) Chloroethane	3.118	64	86721	55.074	ug/l	99
7) Trichlorofluoromethane	3.501	101	164951	45.674	ug/l	94
8) Diethyl Ether	3.959	74	61781	49.286	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	94019	48.952	ug/l	99
10) Methyl Iodide	4.589	142	100842	64.186	ug/l	96
11) Tert butyl alcohol	5.524	59	85696	197.318	ug/l	99
12) 1,1-Dichloroethene	4.342	96	85032	45.750	ug/l #	83
13) Acrolein	4.183	56	112238	270.924	ug/l	98
14) Allyl chloride	5.030	41	139133	46.927	ug/l	89
15) Acrylonitrile	5.724	53	279698	248.370	ug/l	100
16) Acetone	4.424	43	260744	260.985	ug/l	89
17) Carbon Disulfide	4.712	76	217834	37.500	ug/l	99
18) Methyl Acetate	5.024	43	210710	51.316	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	323653	50.775	ug/l	92
20) Methylene Chloride	5.283	84	114167	46.958	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	98663	45.761	ug/l #	82
22) Diisopropyl ether	6.677	45	365241	56.145	ug/l #	91
23) Vinyl Acetate	6.606	43	1083861	270.876	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	207747	51.804	ug/l	98
25) 2-Butanone	7.489	43	372573	257.020	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	173043	52.582	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	123446	50.073	ug/l	86
28) Bromochloromethane	7.818	49	88694	48.917	ug/l #	76
29) Tetrahydrofuran	7.841	42	241031	261.285	ug/l #	75
30) Chloroform	7.971	83	214430	51.356	ug/l	94
31) Cyclohexane	8.259	56	164574	47.913	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	182126	51.171	ug/l	94
36) 1,1-Dichloropropene	8.371	75	152711	47.530	ug/l	95
37) Ethyl Acetate	7.565	43	152700	47.650	ug/l #	92
38) Carbon Tetrachloride	8.365	117	155912	46.893	ug/l	95
39) Methylcyclohexane	9.606	83	159045	50.184	ug/l #	88
40) Benzene	8.606	78	462125	46.985	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	79842	49.413	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	167656	49.514	ug/l	97
43) Isopropyl Acetate	8.694	43	278867	53.331	ug/l #	86
44) Trichloroethene	9.353	130	107659	44.434	ug/l	97
45) 1,2-Dichloropropane	9.624	63	121210	49.657	ug/l	97
46) Dibromomethane	9.712	93	83114	50.158	ug/l	98
47) Bromodichloromethane	9.888	83	174837	51.514	ug/l	99
48) Methyl methacrylate	9.682	41	117608	50.213	ug/l #	83
49) 1,4-Dioxane	9.700	88	44516	924.065	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	776244	255.731	ug/l	89
52) Toluene	10.635	92	286914	47.467	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	180657	50.480	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	193458	50.542	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	111850	47.159	ug/l	90
56) Ethyl methacrylate	10.877	69	172616	51.557	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	198905	48.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	344833	245.457	ug/l	90
59) 2-Hexanone	11.200	43	559125	254.322	ug/l	88
60) Dibromochloromethane	11.365	129	123087	48.763	ug/l	100
61) 1,2-Dibromoethane	11.477	107	112810	47.661	ug/l	97
64) Tetrachloroethene	11.106	164	85191	40.563	ug/l	99
65) Chlorobenzene	11.894	112	298303	45.718	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	118024	48.237	ug/l	98
67) Ethyl Benzene	11.965	91	570002	51.072	ug/l	93
68) m/p-Xylenes	12.076	106	414120	99.549	ug/l	96
69) o-Xylene	12.400	106	198818	49.833	ug/l	92
70) Styrene	12.412	104	335558	52.294	ug/l	98
71) Bromoform	12.582	173	80378	44.499	ug/l #	100
73) Isopropylbenzene	12.700	105	564175	48.476	ug/l	99
74) N-amyl acetate	12.500	43	213847	48.431	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	187999	43.379	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	227532	65.998	ug/l	72
77) Bromobenzene	12.982	156	132614	45.000	ug/l	96
78) n-propylbenzene	13.041	91	688007	52.624	ug/l	97
79) 2-Chlorotoluene	13.129	91	408080	47.723	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	486350	50.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	53282	42.489	ug/l #	84
82) 4-Chlorotoluene	13.223	91	399512	49.722	ug/l	98
83) tert-Butylbenzene	13.441	119	385611	48.066	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	472732	51.186	ug/l	100
85) sec-Butylbenzene	13.618	105	531397	48.114	ug/l	99
86) p-Isopropyltoluene	13.729	119	429429	48.668	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	216903	44.874	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	208069	42.600	ug/l	99
89) n-Butylbenzene	14.059	91	365799	52.719	ug/l	98
90) Hexachloroethane	14.335	117	82594	46.094	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	205261	43.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27147	41.206	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	80351	46.859	ug/l	98
94) Hexachlorobutadiene	15.506	225	49340	36.578	ug/l	98
95) Naphthalene	15.647	128	218886	42.979	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	85336	42.190	ug/l	97

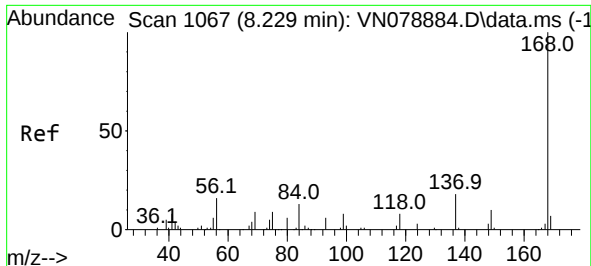
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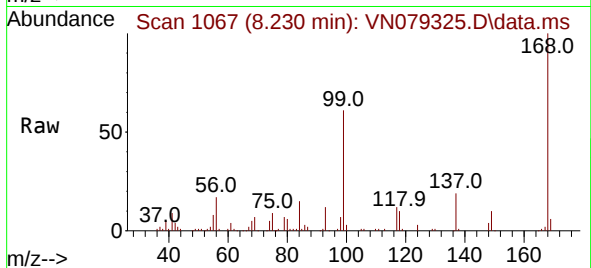
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

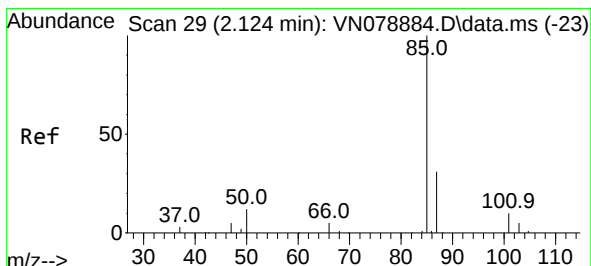
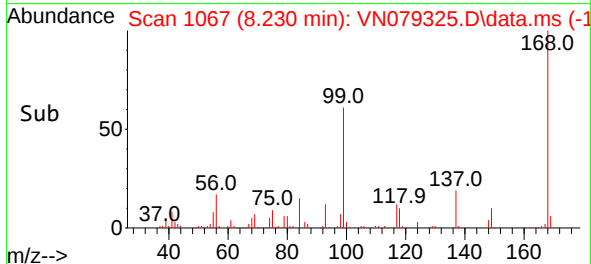
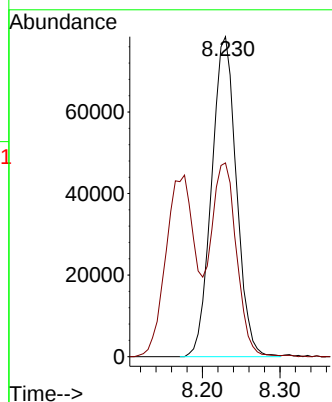


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079325.D
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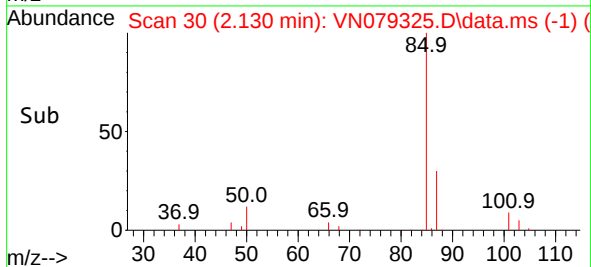
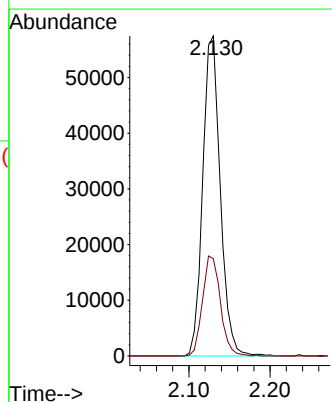
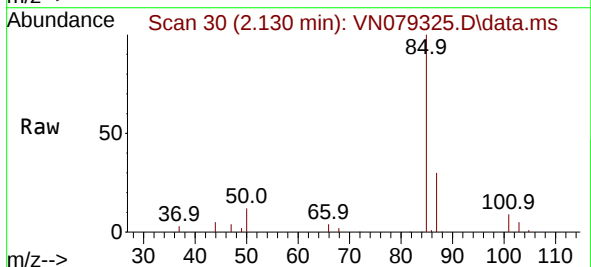


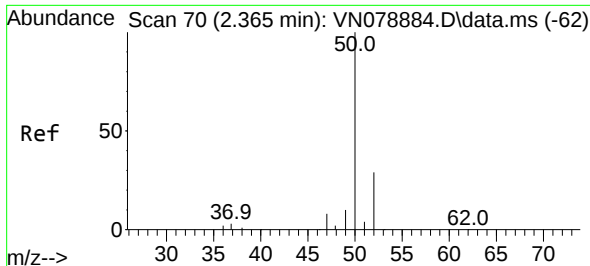
Tgt Ion:168 Resp: 174264
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 49.996 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 85 Resp: 86207
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.4

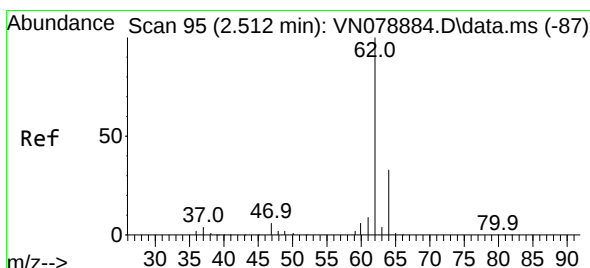
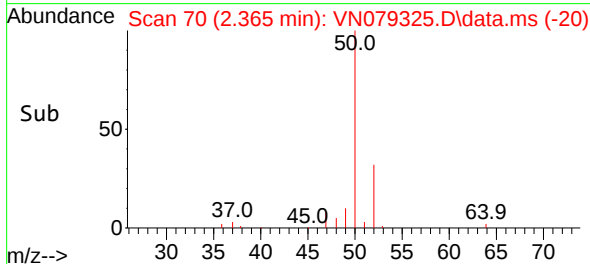
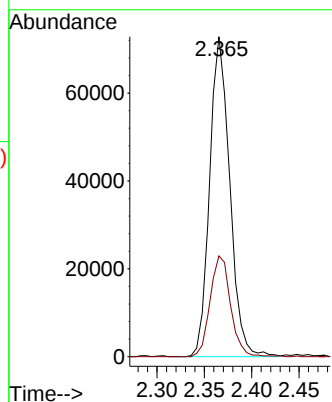
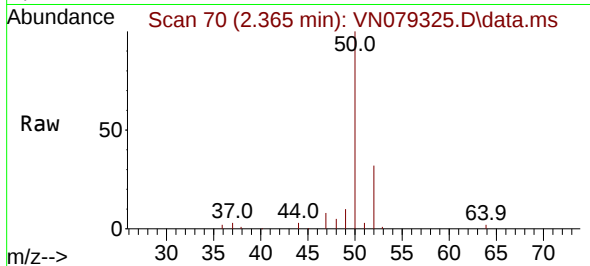




#3
Chloromethane
Concen: 47.561 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

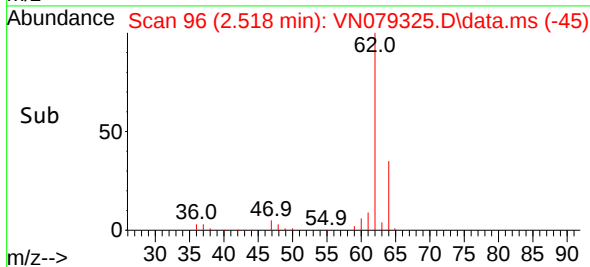
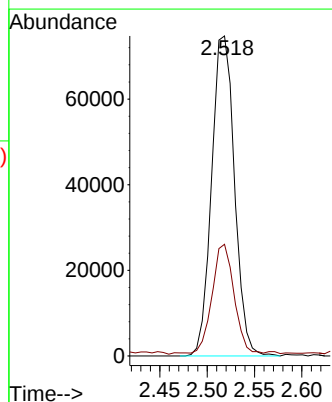
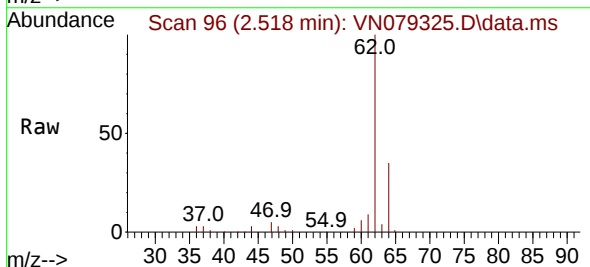
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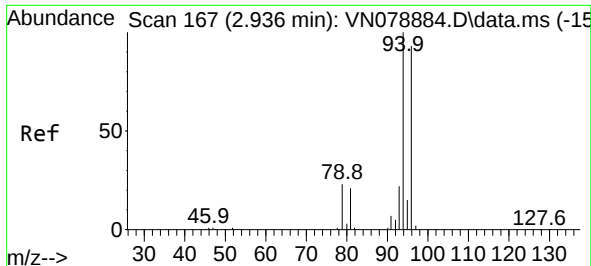
Tgt Ion: 50 Resp: 107653
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7



#4
Vinyl Chloride
Concen: 50.972 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 62 Resp: 125712
Ion Ratio Lower Upper
62 100
64 34.2 26.2 39.2

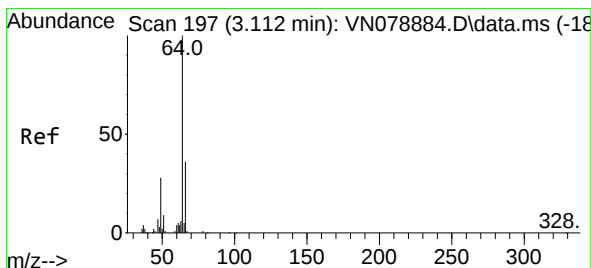
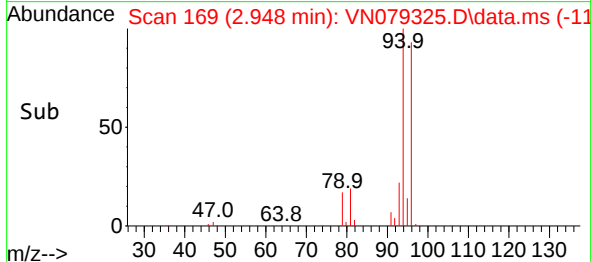
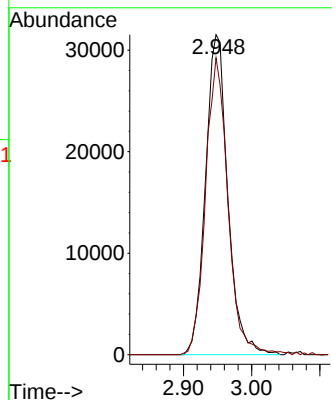
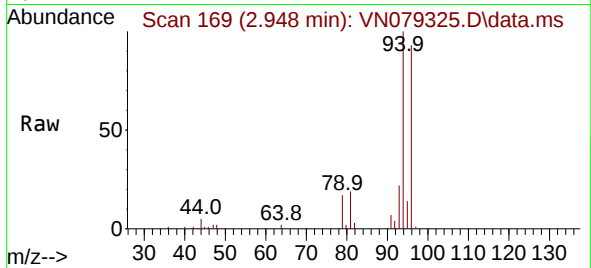




#5
Bromomethane
Concen: 50.762 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

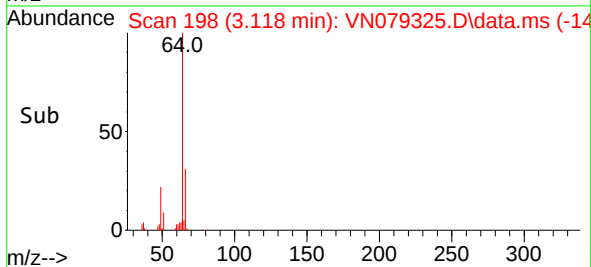
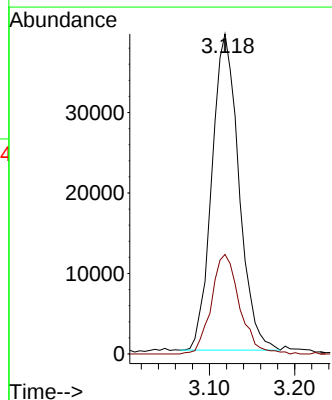
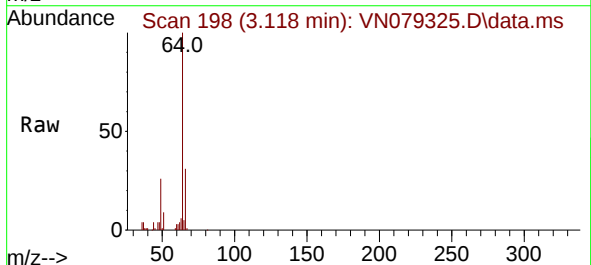
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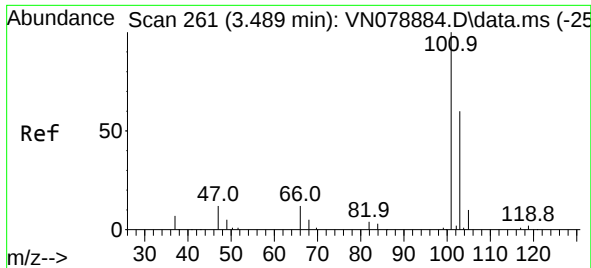
Tgt Ion: 94 Resp: 71963
Ion Ratio Lower Upper
94 100
96 92.8 73.1 109.7



#6
Chloroethane
Concen: 55.074 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 64 Resp: 86721
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2

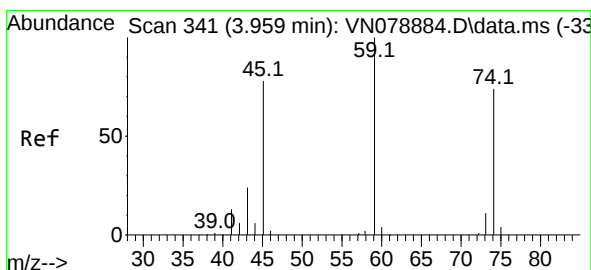
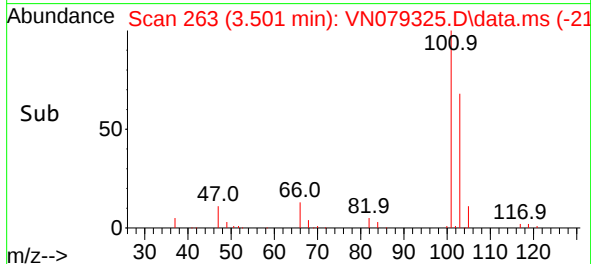
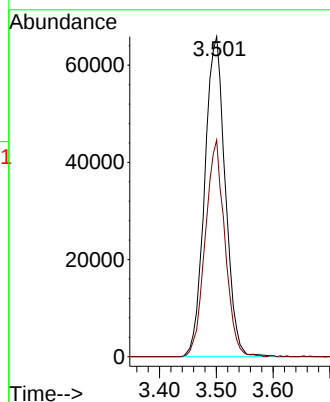
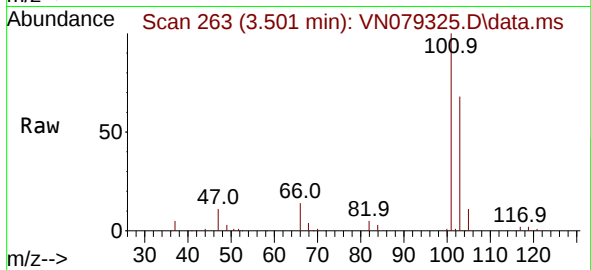




#7
 Trichlorofluoromethane
 Concen: 45.674 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

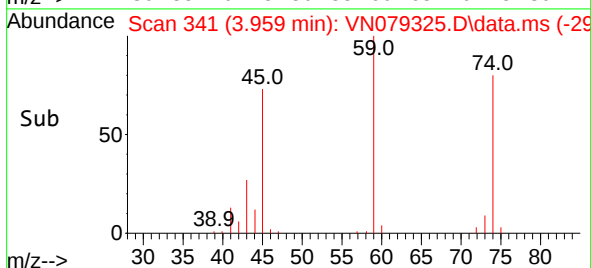
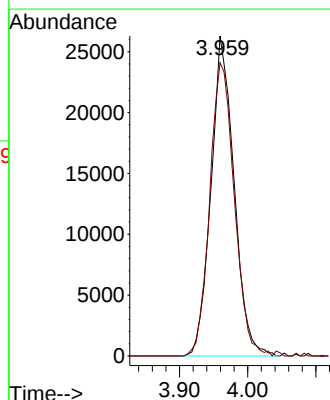
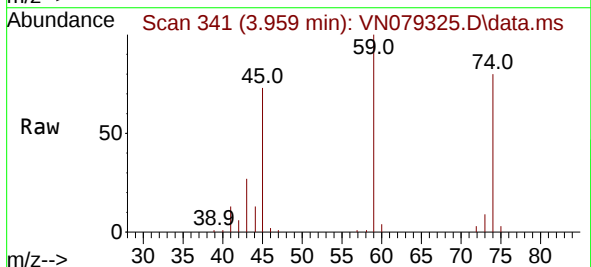
Instrument :
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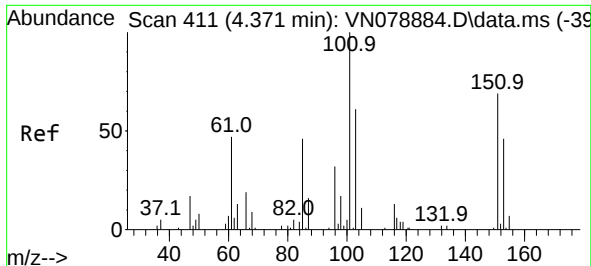
Tgt Ion:101 Resp: 164951
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 49.286 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

Tgt Ion: 74 Resp: 61781
 Ion Ratio Lower Upper
 74 100
 45 97.7 34.4 103.3

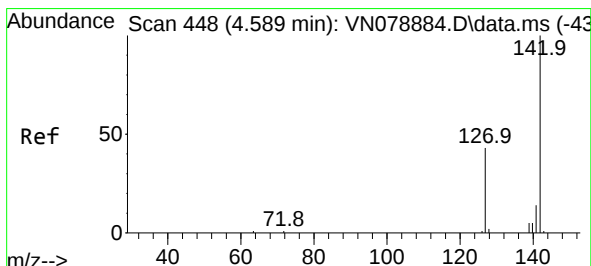
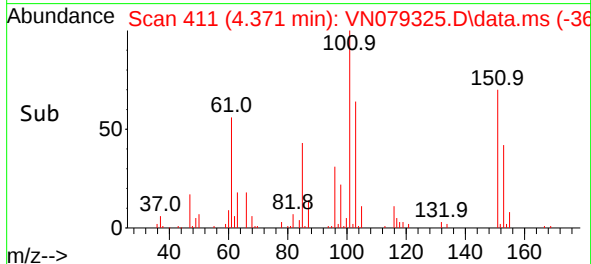
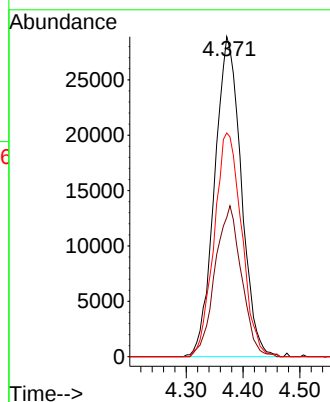
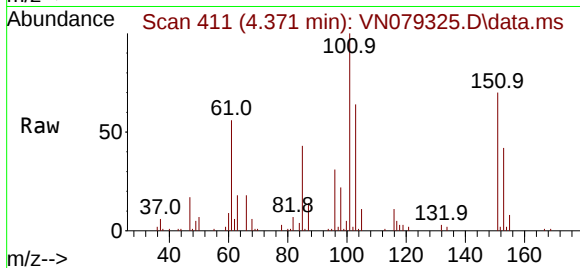




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.952 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
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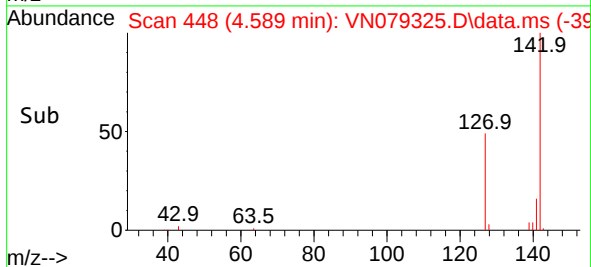
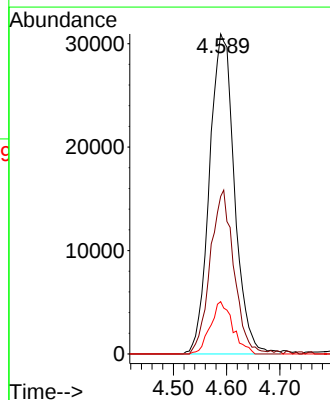
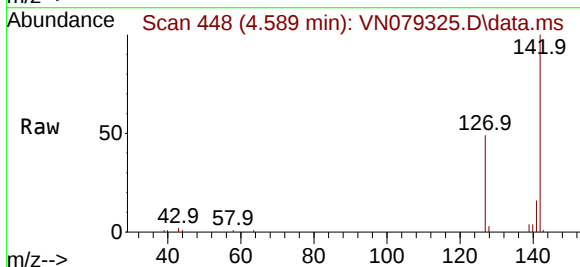
Instrument :
MSVOA_N
ClientSampleId :

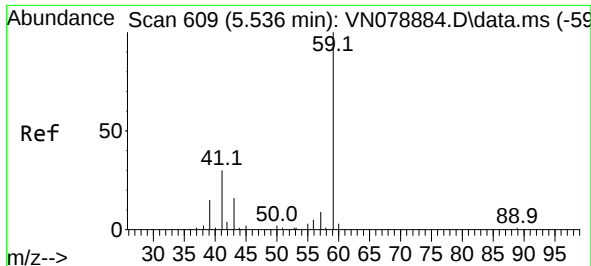
Tgt Ion:101 Resp: 94019
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 72.2 57.6 86.4



#10
Methyl Iodide
Concen: 64.186 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion:142 Resp: 100842
Ion Ratio Lower Upper
142 100
127 49.2 37.6 56.4
141 16.4 11.4 17.0

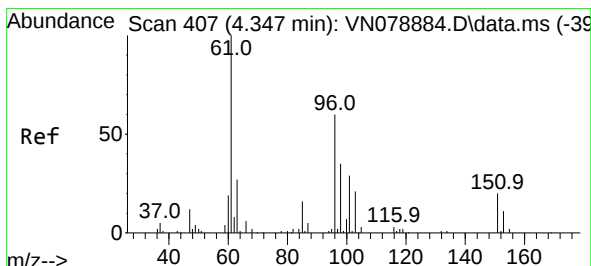
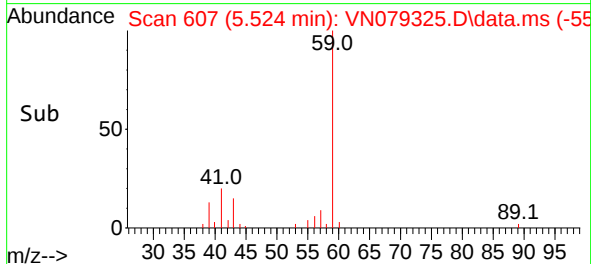
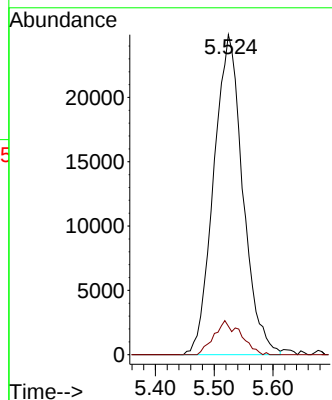
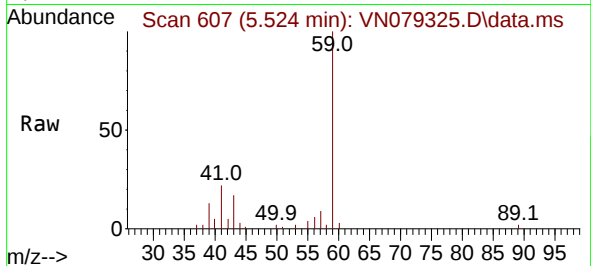




#11
Tert butyl alcohol
Concen: 197.318 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

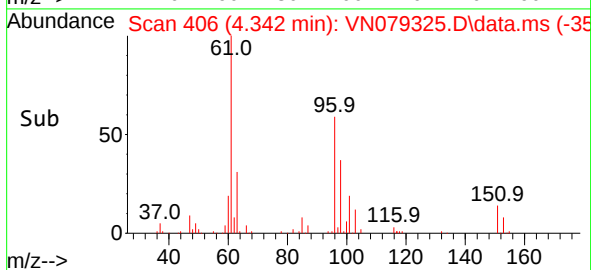
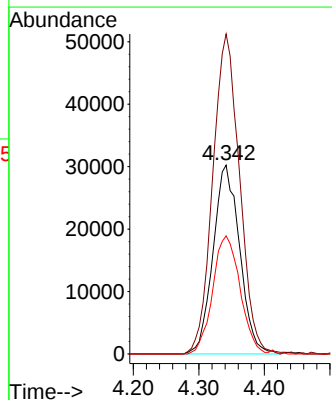
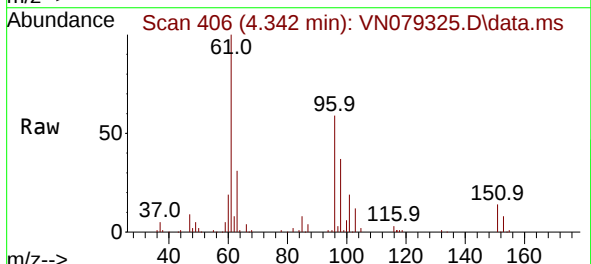
Instrument :
MSVOA_N
ClientSampleId :

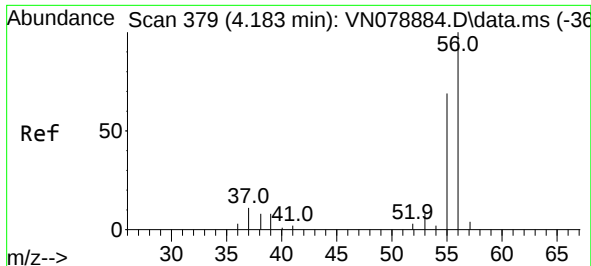
Tgt Ion: 59 Resp: 85696
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.750 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 96 Resp: 85032
Ion Ratio Lower Upper
96 100
61 169.5 112.7 169.1#
98 62.5 51.2 76.8

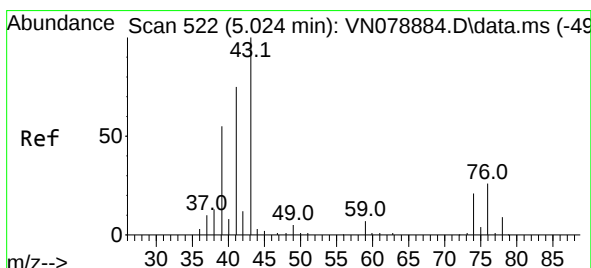
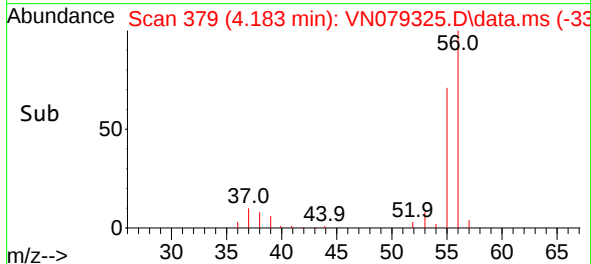
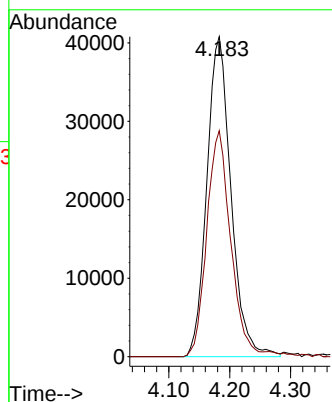
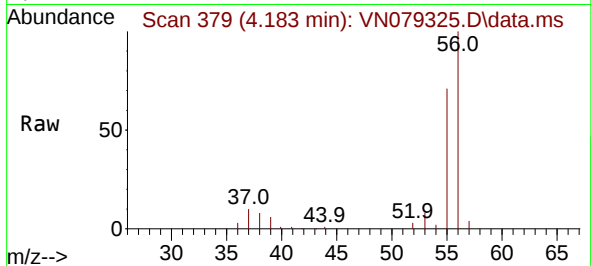




#13
Acrolein
Concen: 270.924 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

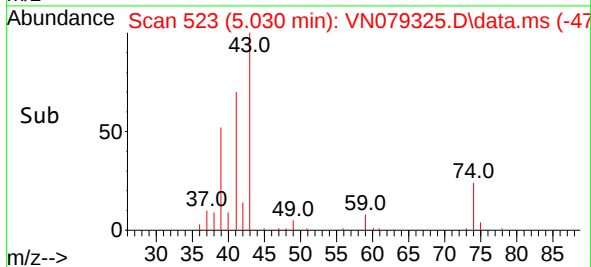
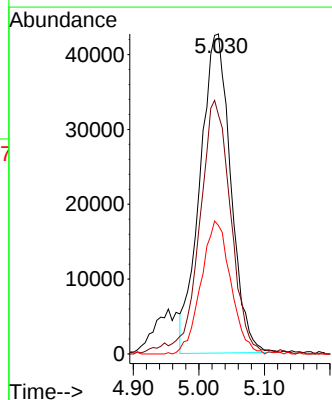
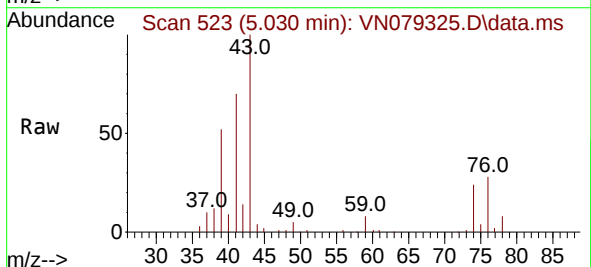
Instrument :
MSVOA_N
ClientSampleId :

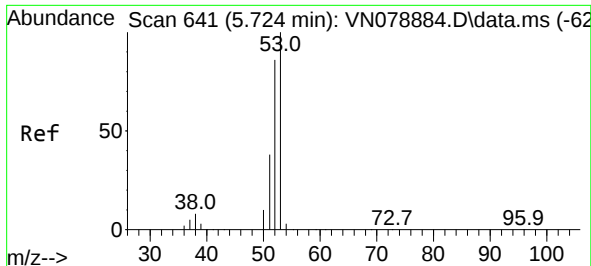
Tgt Ion: 56 Resp: 112238
Ion Ratio Lower Upper
56 100
55 69.6 54.5 81.7



#14
Allyl chloride
Concen: 46.927 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 41 Resp: 139133
Ion Ratio Lower Upper
41 100
39 81.2 58.8 88.2
76 40.2 39.1 58.7

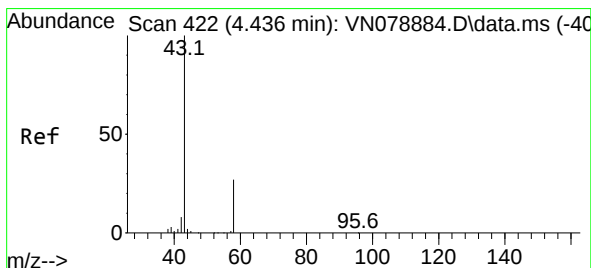
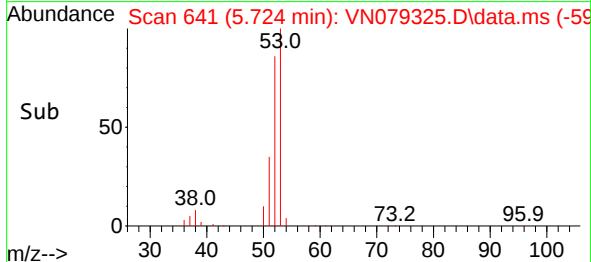
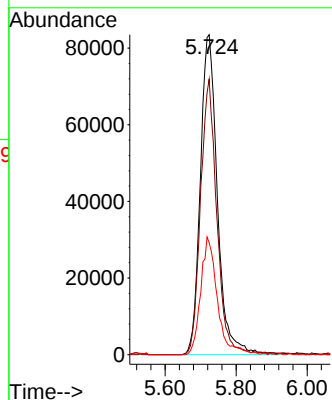
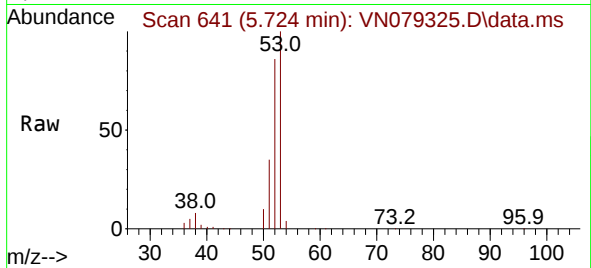




#15
Acrylonitrile
Concen: 248.370 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

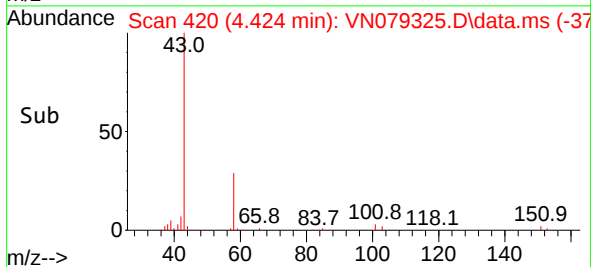
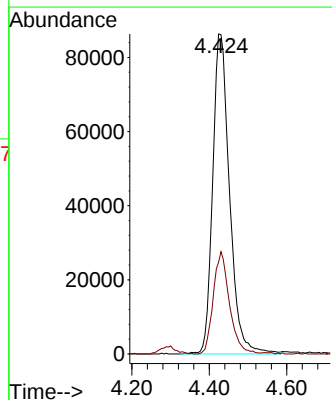
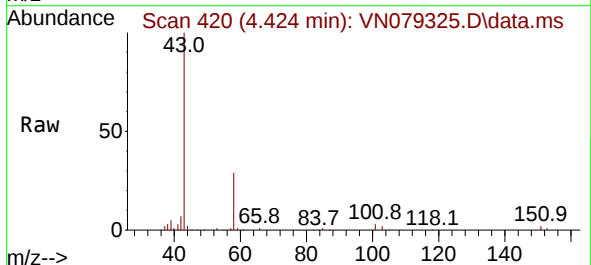
Instrument :
MSVOA_N
ClientSampleId :

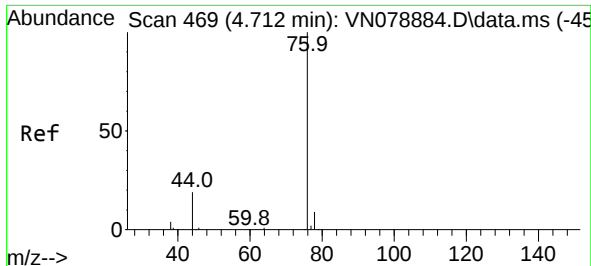
Tgt Ion: 53 Resp: 279698
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 260.985 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.018 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 43 Resp: 260744
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0

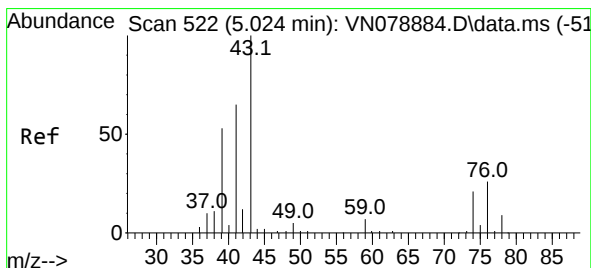
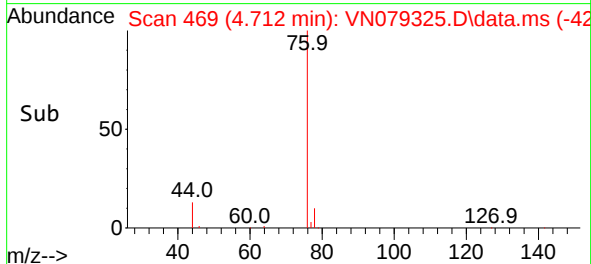
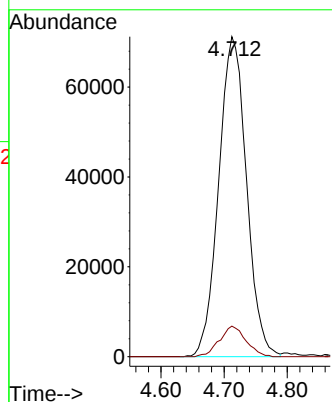
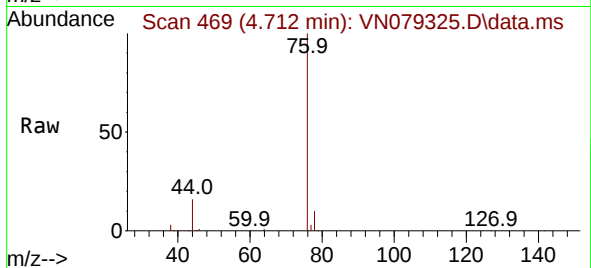




#17
Carbon Disulfide
Concen: 37.500 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

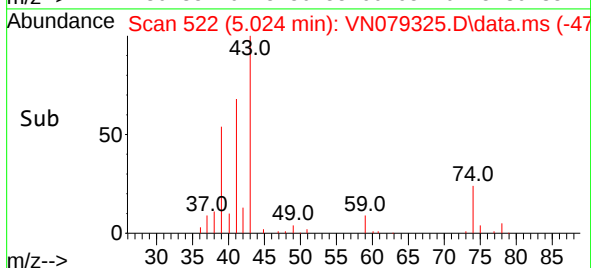
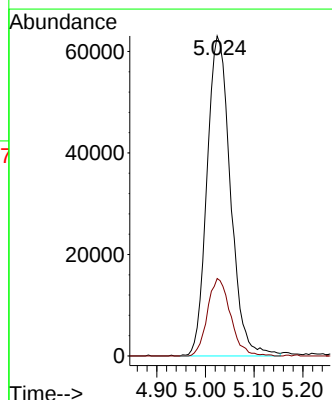
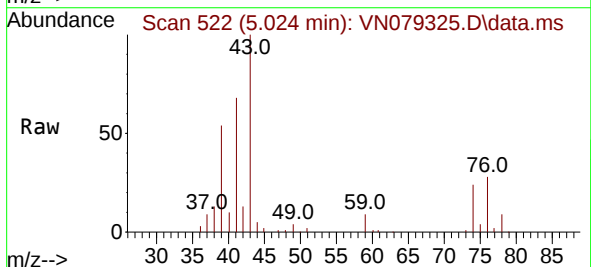
Instrument :
MSVOA_N
ClientSampleId :

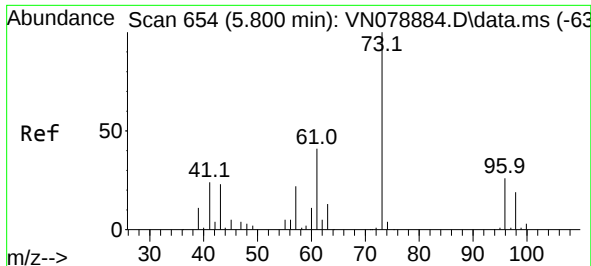
Tgt Ion: 76 Resp: 217834
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 51.316 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 43 Resp: 210710
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#

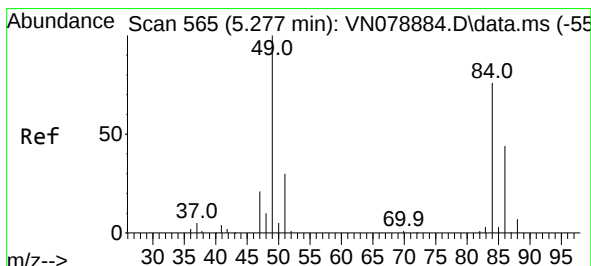
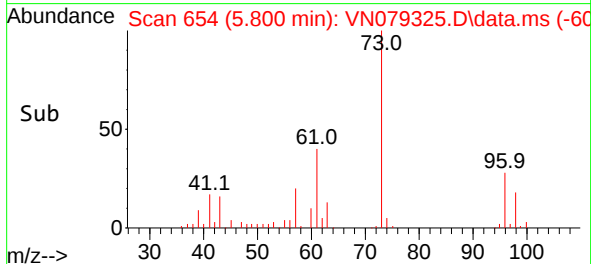
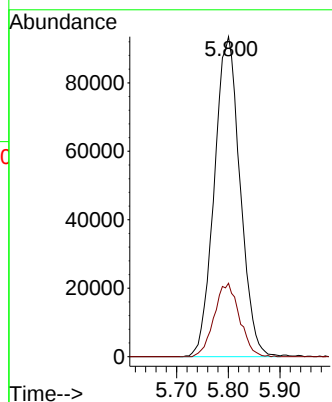
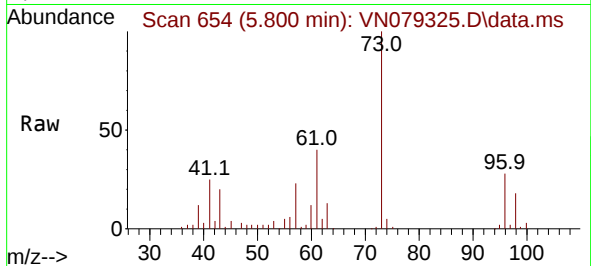




#19
Methyl tert-butyl Ether
Concen: 50.775 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

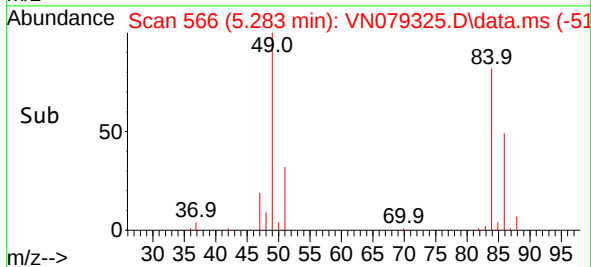
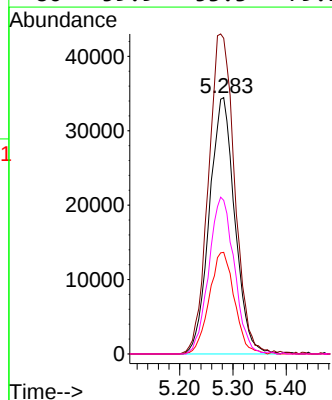
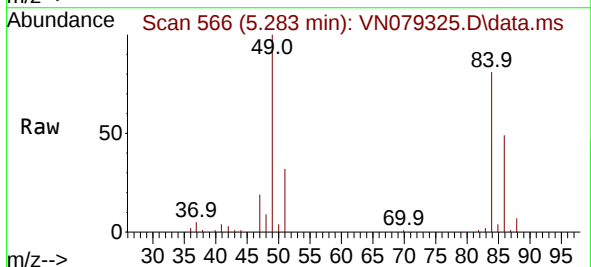
Instrument :
MSVOA_N
ClientSampleId :

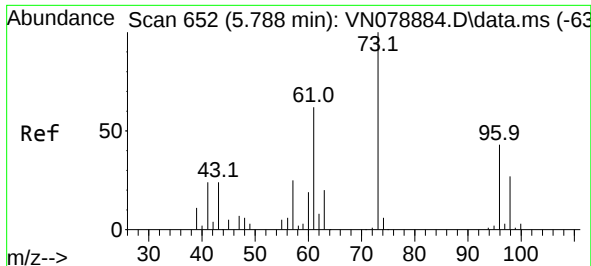
Tgt Ion: 73 Resp: 323653
Ion Ratio Lower Upper
73 100
57 23.0 15.6 23.4



#20
Methylene Chloride
Concen: 46.958 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 84 Resp: 114167
Ion Ratio Lower Upper
84 100
49 123.2 79.7 119.5#
51 39.7 25.2 37.8#
86 59.9 53.3 79.9

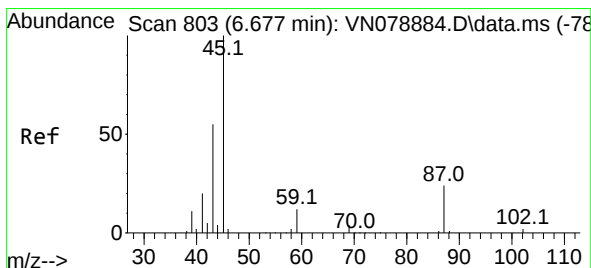
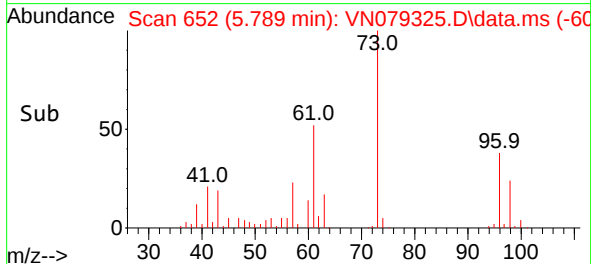
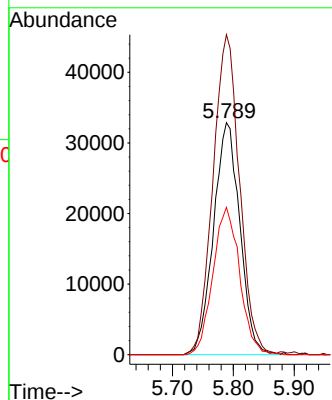
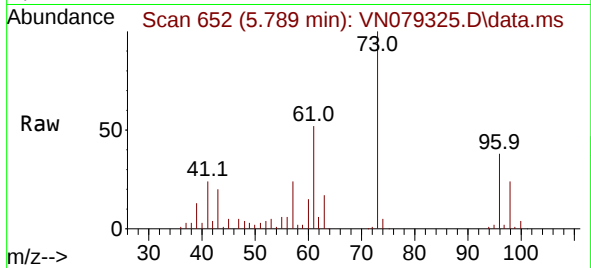




#21
trans-1,2-Dichloroethene
Concen: 45.761 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

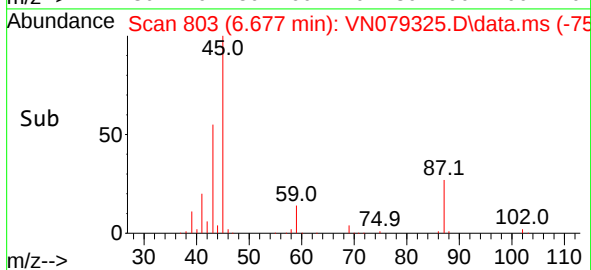
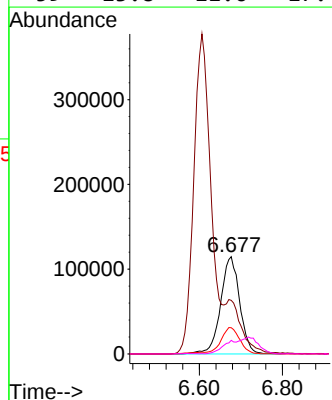
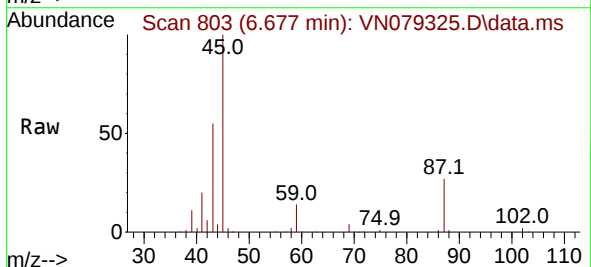
Instrument :
MSVOA_N
ClientSampleId :

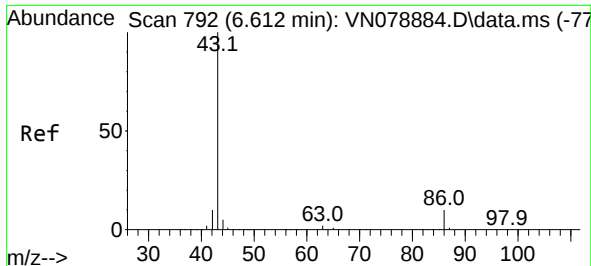
Tgt Ion: 96 Resp: 98663
Ion Ratio Lower Upper
96 100
61 137.9 90.1 135.1#
98 63.5 46.4 69.6



#22
Diisopropyl ether
Concen: 56.145 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 45 Resp: 365241
Ion Ratio Lower Upper
45 100
43 54.4 45.5 68.3
87 27.1 31.8 47.8#
59 13.8 11.6 17.4

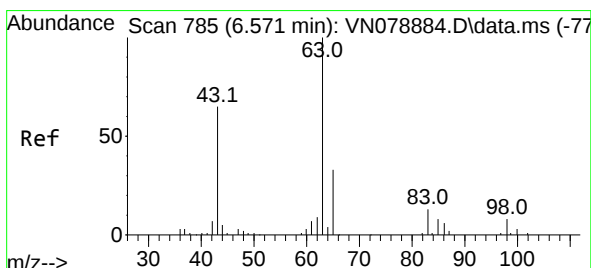
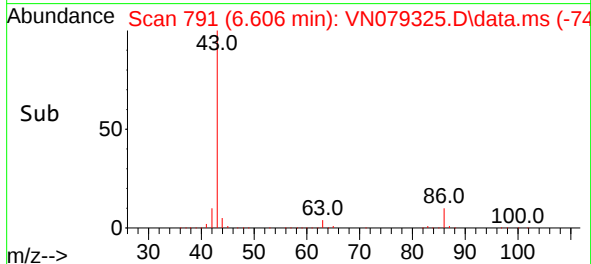
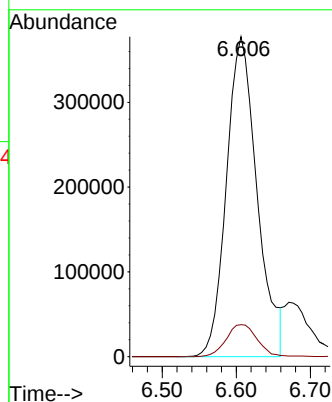
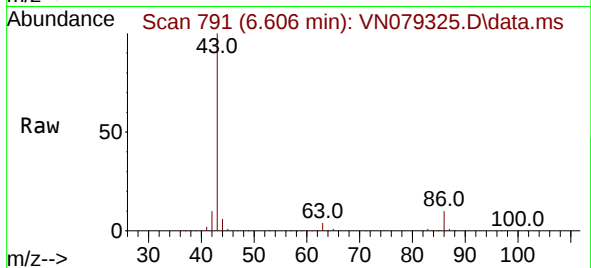




#23
 Vinyl Acetate
 Concen: 270.876 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

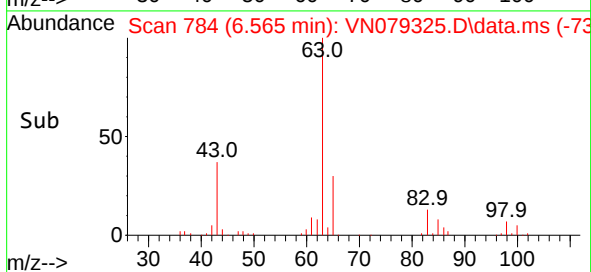
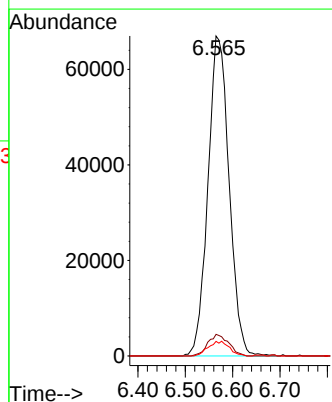
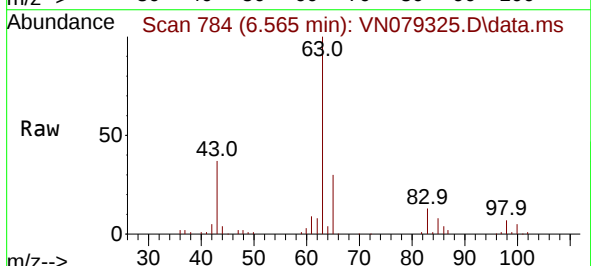
Instrument :
 MSVOA_N
 ClientSampleId :

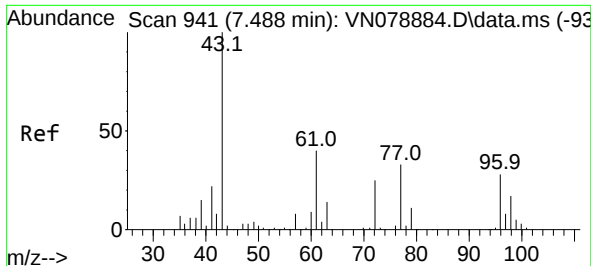
Tgt Ion: 43 Resp: 1083861
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 51.804 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.012 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

Tgt Ion: 63 Resp: 207747
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 257.020 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

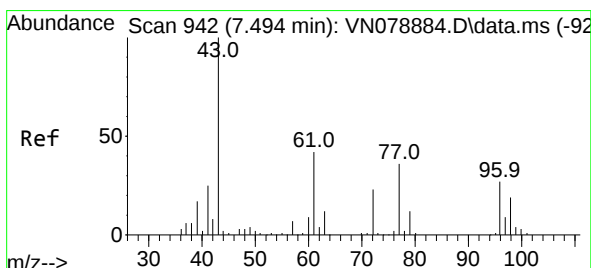
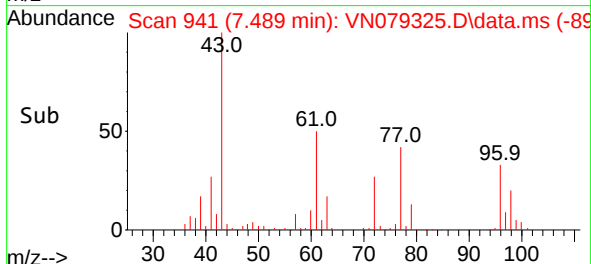
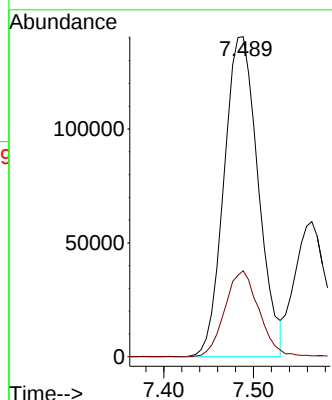
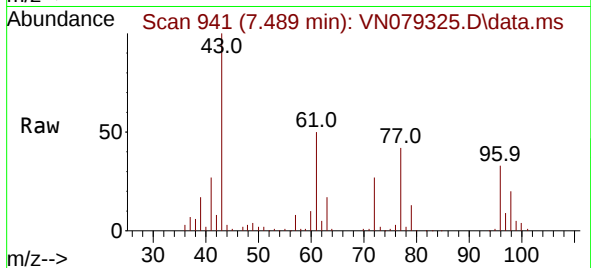
ClientSampleId :

Tgt Ion: 43 Resp: 372573

Ion Ratio Lower Upper

43 100

72 26.8 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 52.582 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079325.D

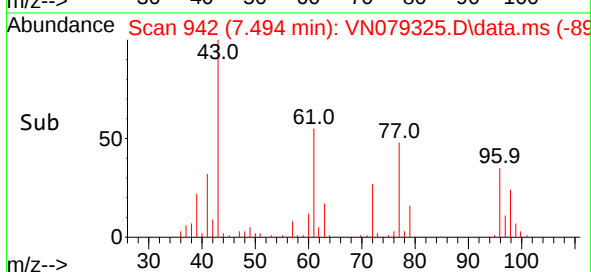
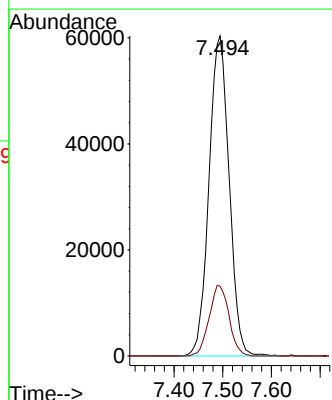
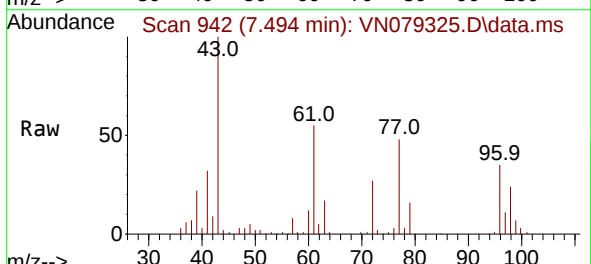
Acq: 21 Sep 2023 16:33

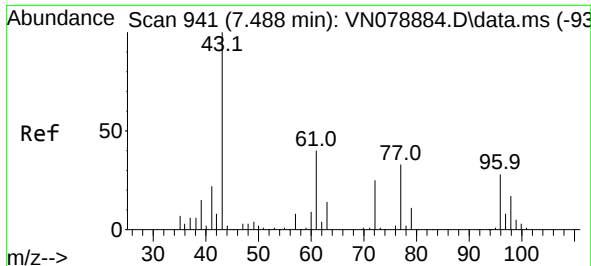
Tgt Ion: 77 Resp: 173043

Ion Ratio Lower Upper

77 100

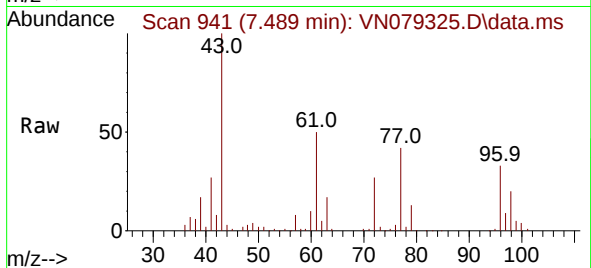
97 21.7 11.2 33.6





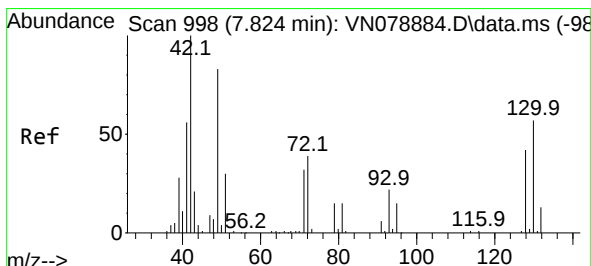
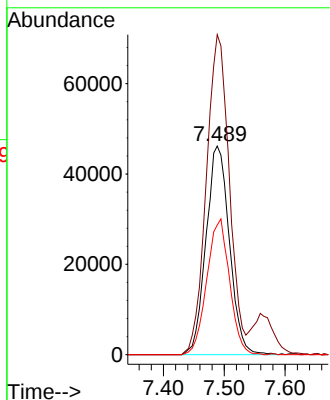
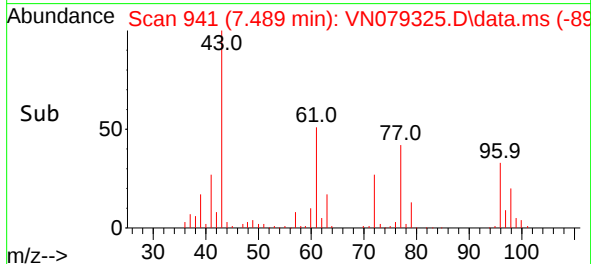
#27
 cis-1,2-Dichloroethene
 Concen: 50.073 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.011 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 123446

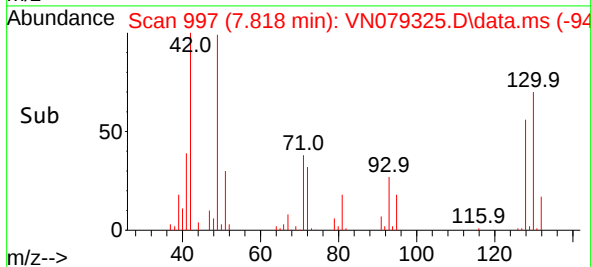
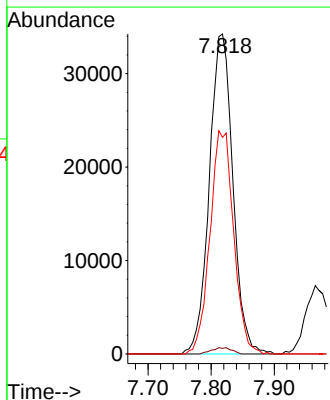
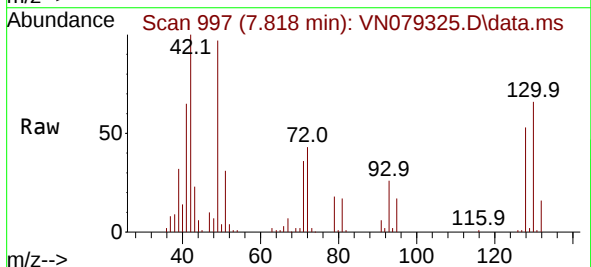
Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	255.2
98	63.1	0.0	128.8

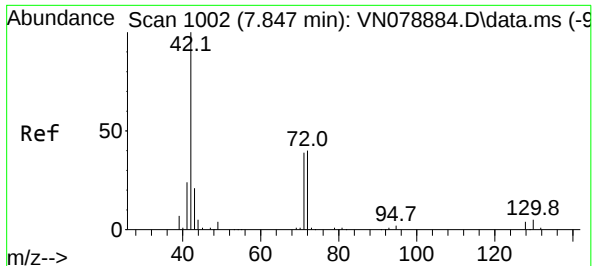


#28
 Bromochloromethane
 Concen: 48.917 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

Tgt Ion: 49 Resp: 88694

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	70.2	75.3	112.9#





#29

Tetrahydrofuran

Concen: 261.285 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

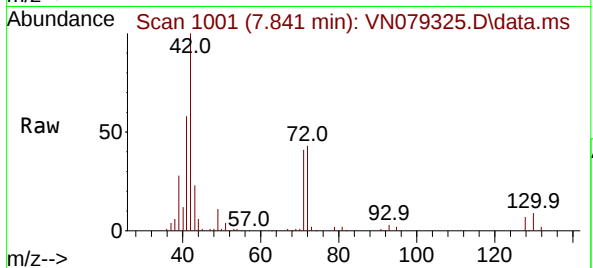
Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

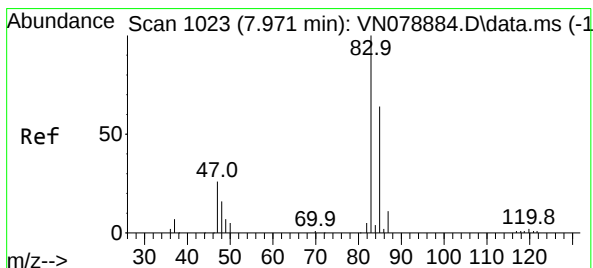
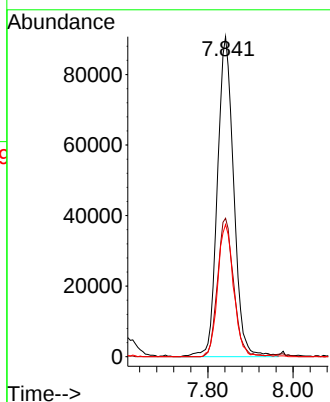
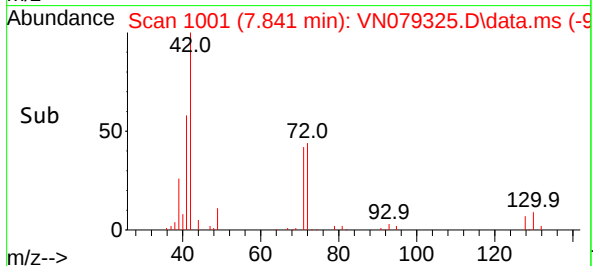
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	241031
Ion	Ratio	Lower	Upper
42	100		
72	42.7	49.8	74.6#
71	40.4	47.4	71.2#



#30

Chloroform

Concen: 51.356 ug/l

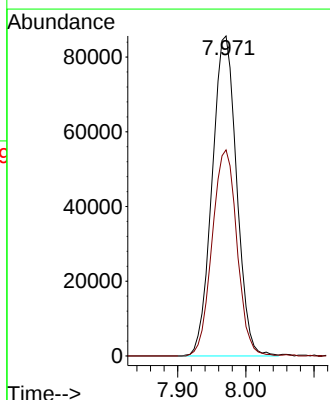
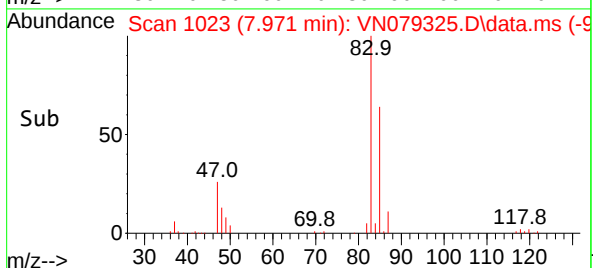
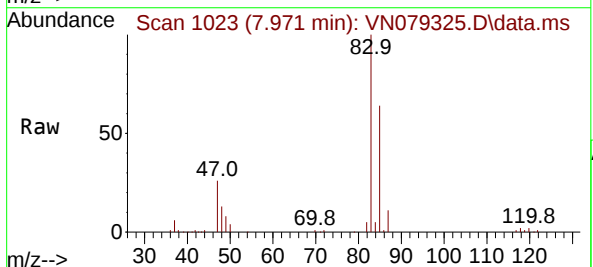
RT: 7.971 min Scan# 1023

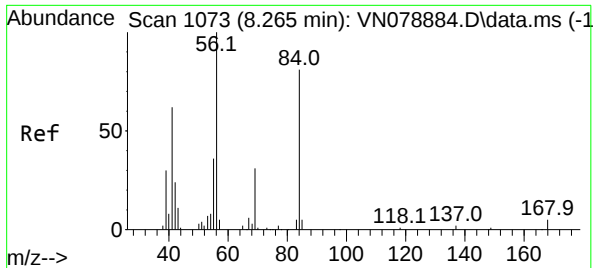
Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Tgt Ion:	83	Resp:	214430
Ion	Ratio	Lower	Upper
83	100		
85	64.4	55.4	83.0

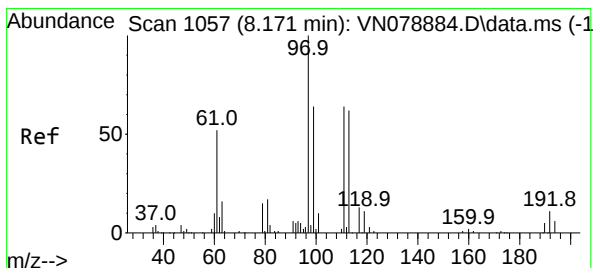
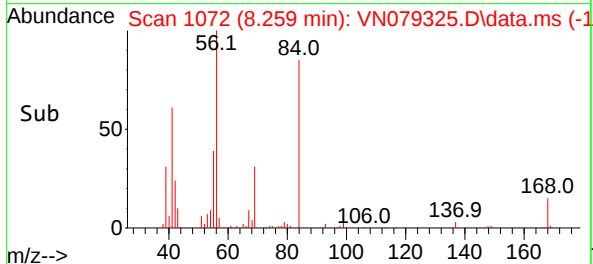
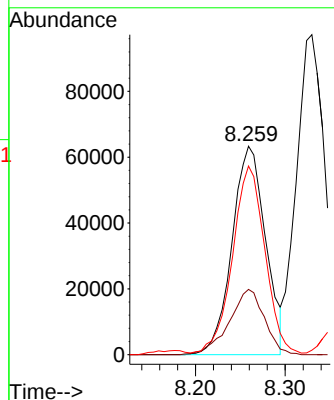
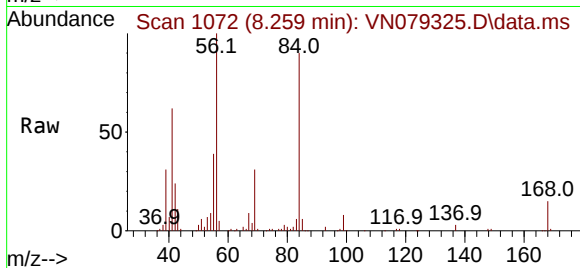




#31
Cyclohexane
Concen: 47.913 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

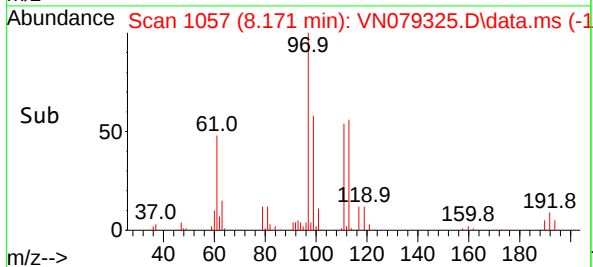
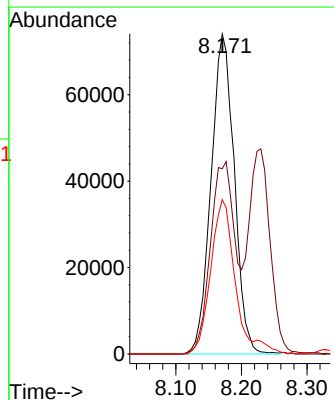
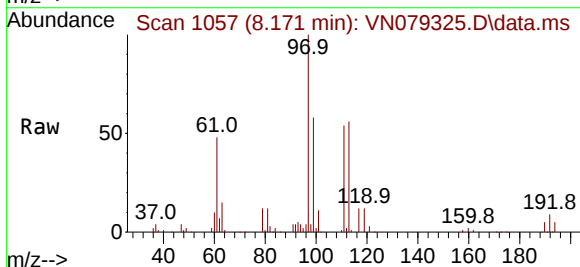
Instrument :
MSVOA_N
ClientSampleId :

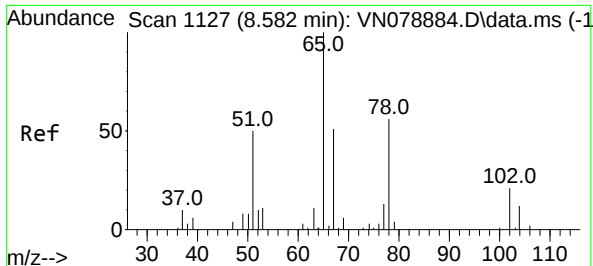
Tgt Ion: 56 Resp: 164574
Ion Ratio Lower Upper
56 100
69 30.9 26.8 40.2
84 88.5 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 51.171 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 97 Resp: 182126
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 51.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.760 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

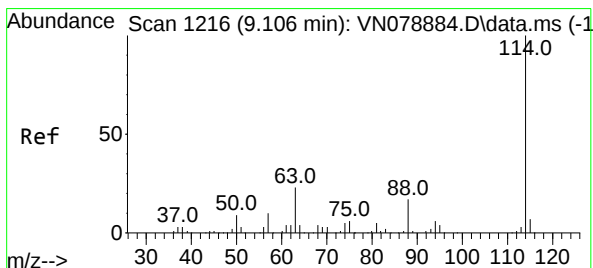
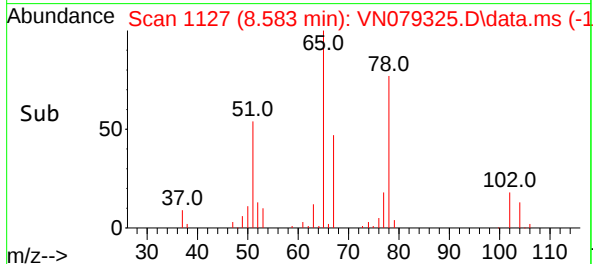
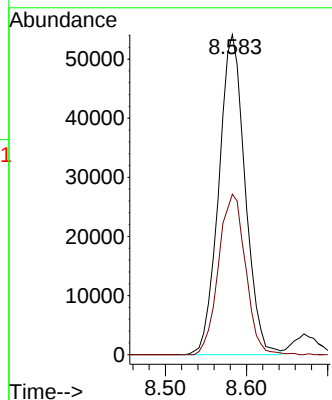
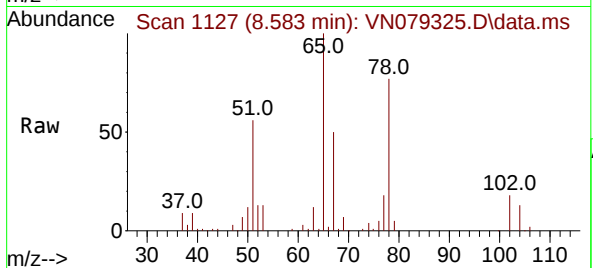
ClientSampleId :

Tgt Ion: 65 Resp: 121760

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

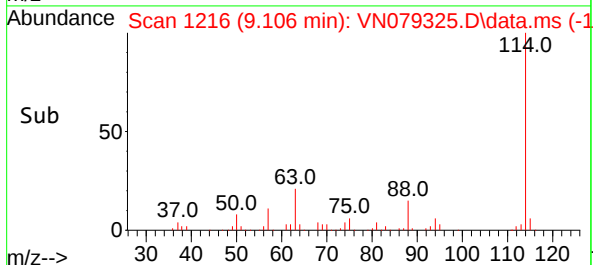
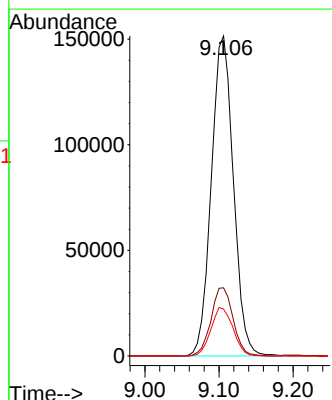
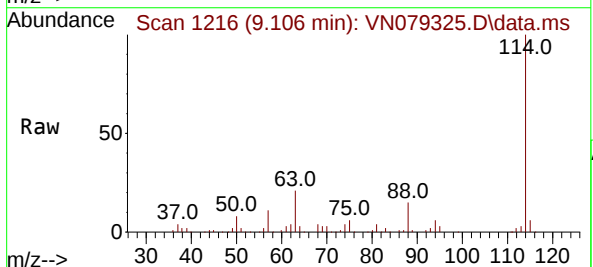
Tgt Ion: 114 Resp: 313366

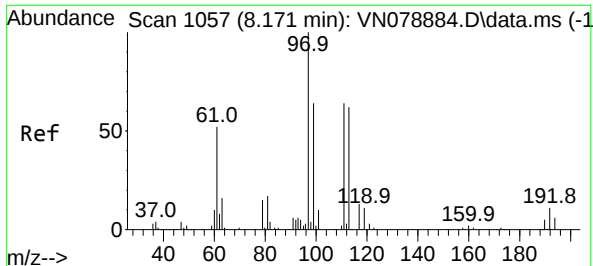
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.069 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

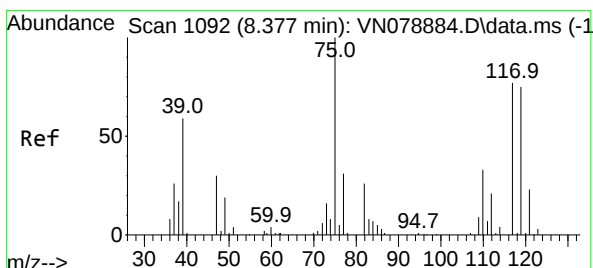
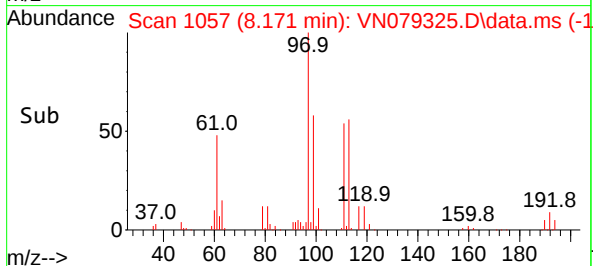
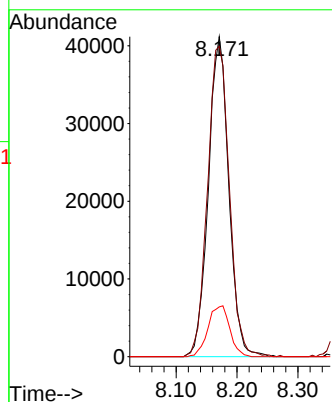
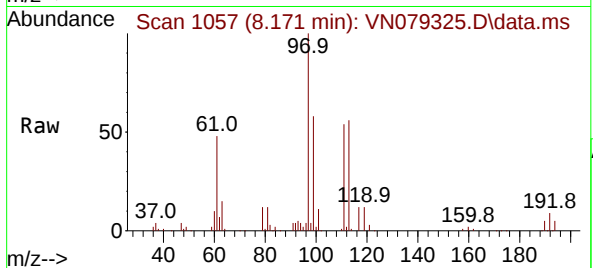
Tgt Ion:113 Resp: 96028

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 16.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 47.530 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

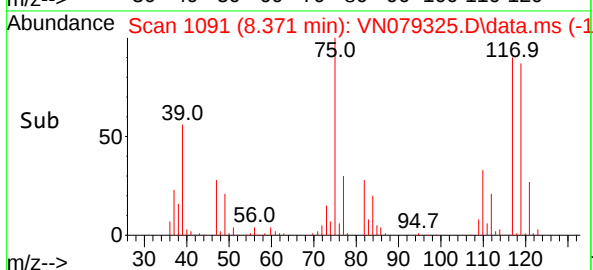
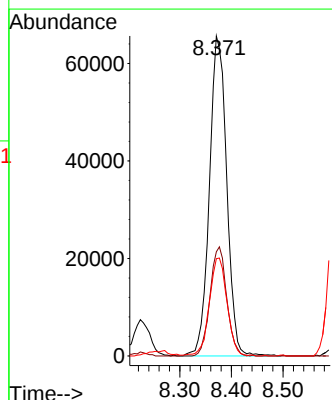
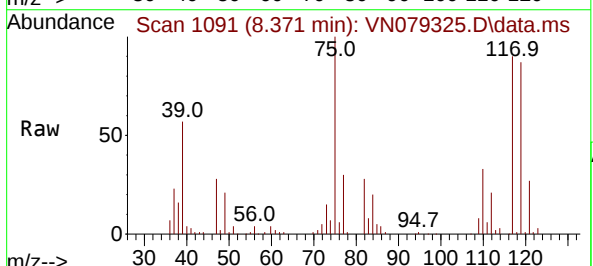
Tgt Ion: 75 Resp: 152711

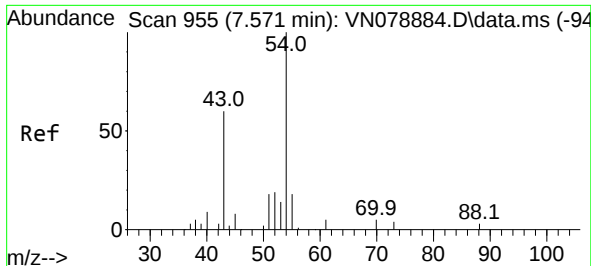
Ion Ratio Lower Upper

75 100

110 32.9 19.1 57.3

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 47.650 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

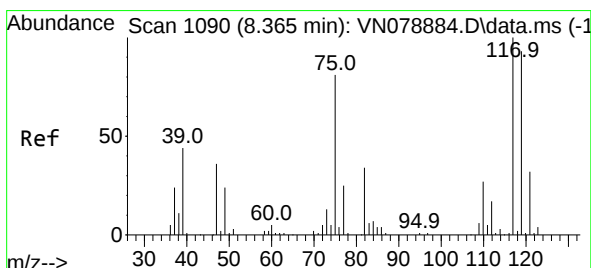
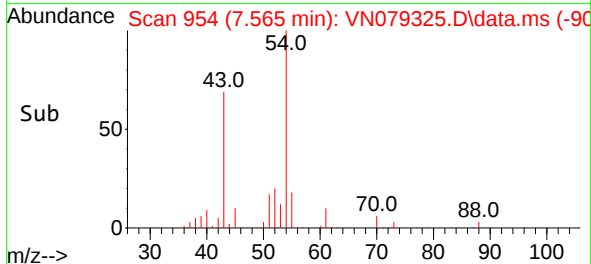
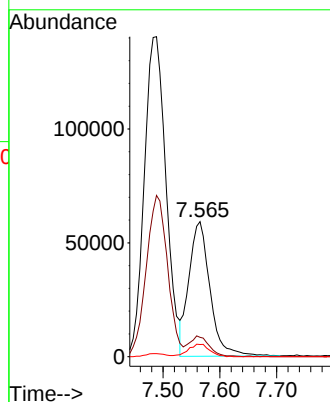
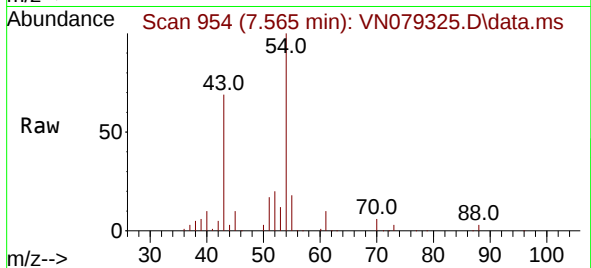
Tgt Ion: 43 Resp: 152700

Ion Ratio Lower Upper

43 100

61 14.6 13.2 19.8

70 9.4 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 46.893 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

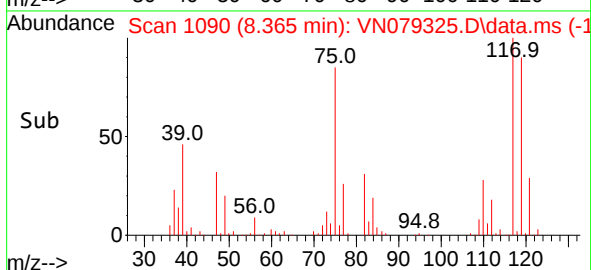
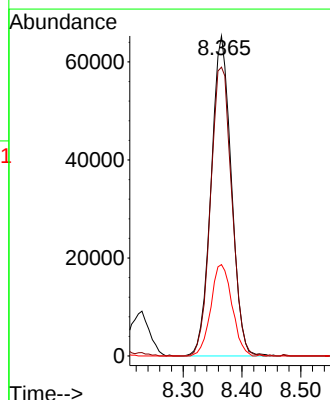
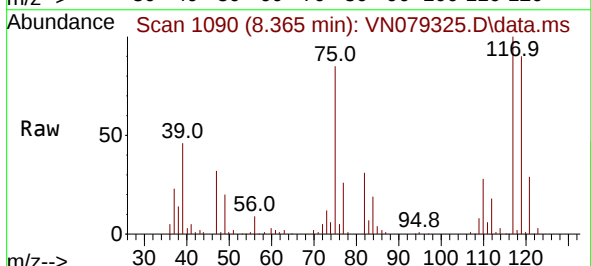
Tgt Ion: 117 Resp: 155912

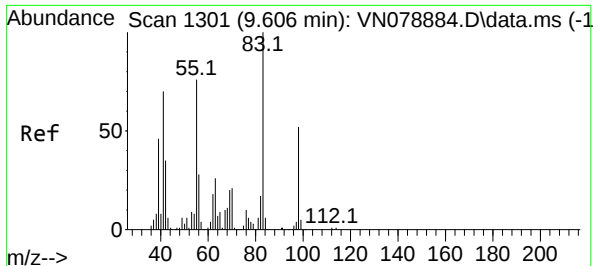
Ion Ratio Lower Upper

117 100

119 90.3 77.3 115.9

121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 50.184 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

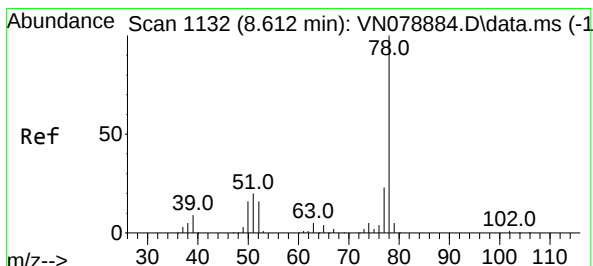
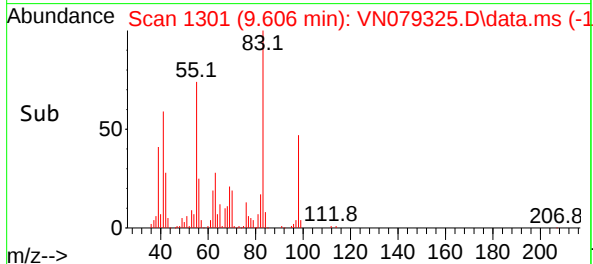
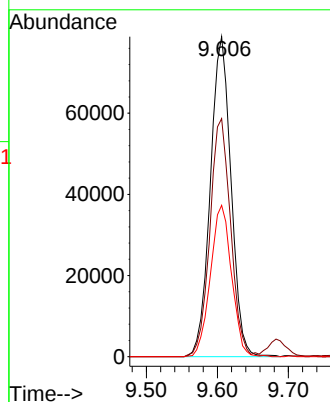
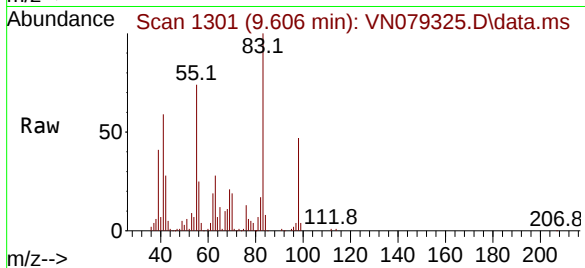
Tgt Ion: 83 Resp: 159045

Ion Ratio Lower Upper

83 100

55 74.4 49.1 73.7#

98 47.3 40.6 61.0



#40

Benzene

Concen: 46.985 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079325.D

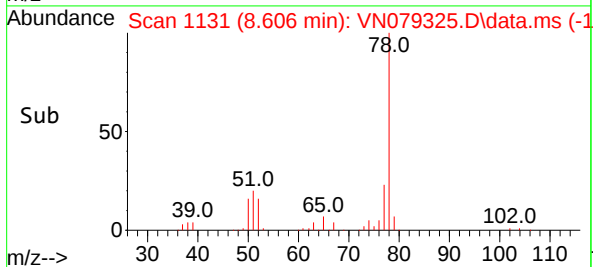
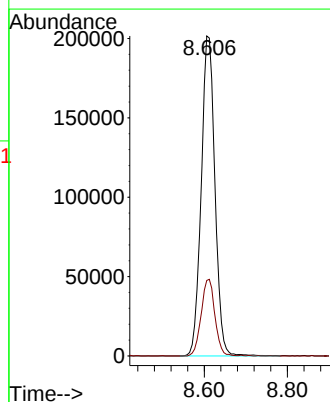
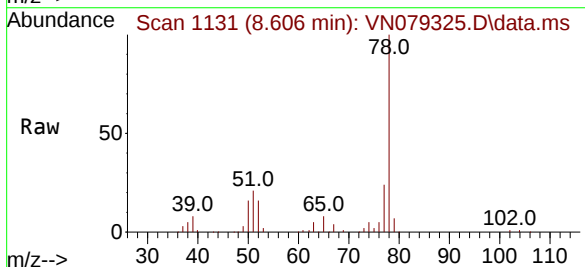
Acq: 21 Sep 2023 16:33

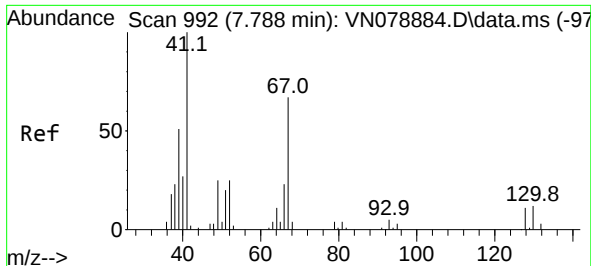
Tgt Ion: 78 Resp: 462125

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

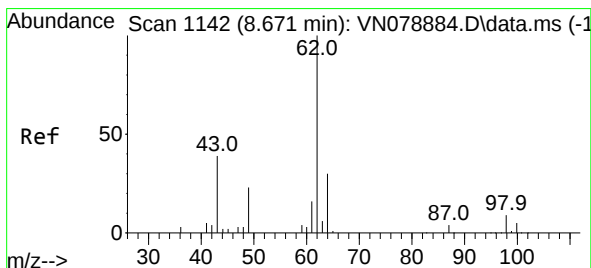
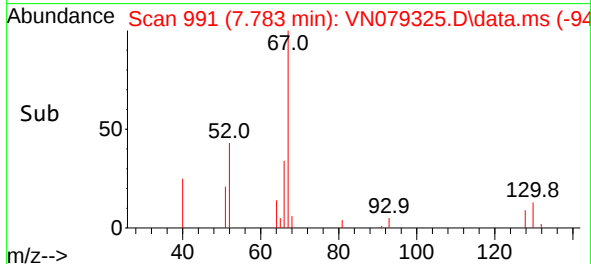
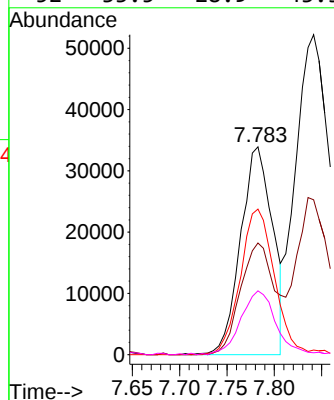
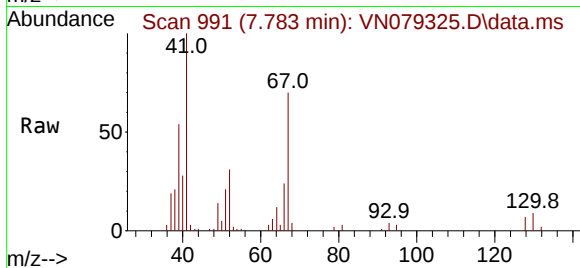




#41
Methacrylonitrile
Concen: 49.413 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

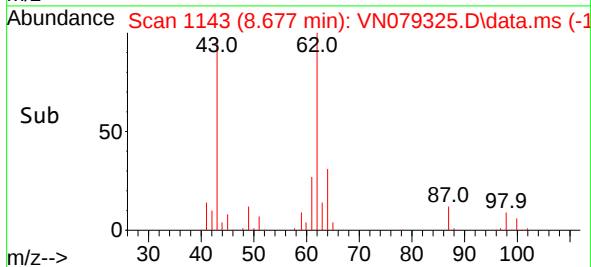
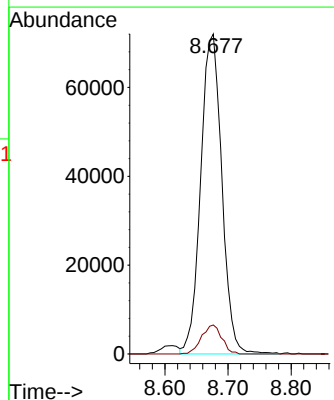
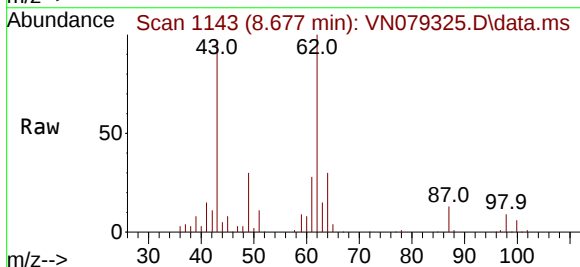
Instrument :
MSVOA_N
ClientSampleId :

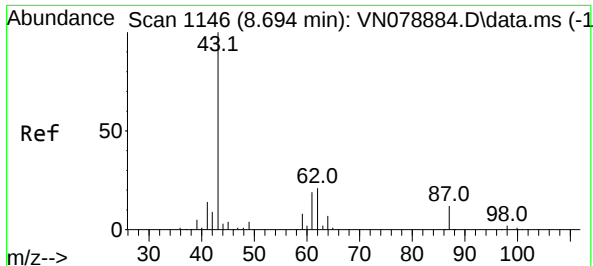
Tgt Ion:	41	Resp:	79842
Ion	Ratio	Lower	Upper
41	100		
39	59.8	42.6	64.0
67	75.4	77.5	116.3
52	33.5	28.9	43.3



#42
1,2-Dichloroethane
Concen: 49.514 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion:	62	Resp:	167656
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 53.331 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

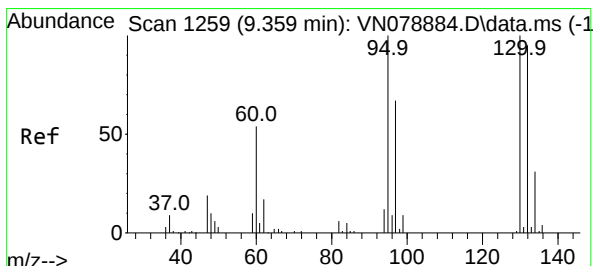
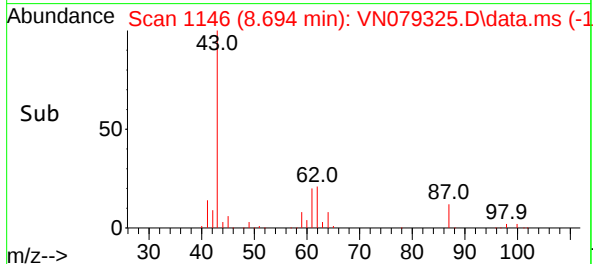
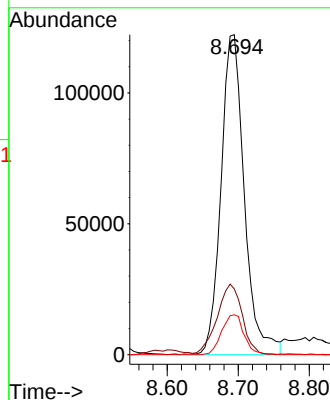
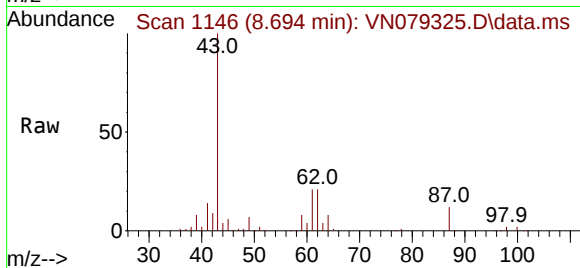
Tgt Ion: 43 Resp: 278867

Ion Ratio Lower Upper

43 100

61 23.7 24.7 37.1#

87 11.9 14.6 21.8#



#44

Trichloroethene

Concen: 44.434 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN079325.D

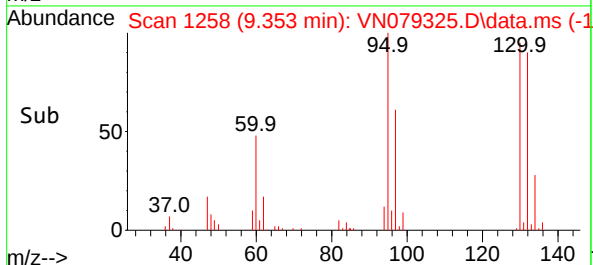
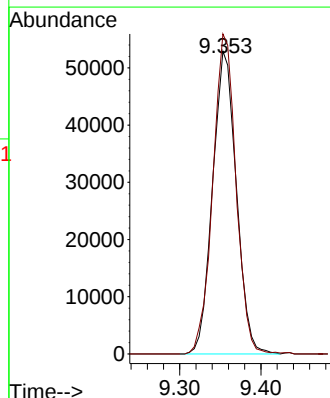
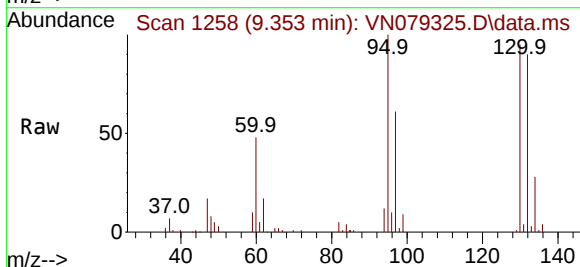
Acq: 21 Sep 2023 16:33

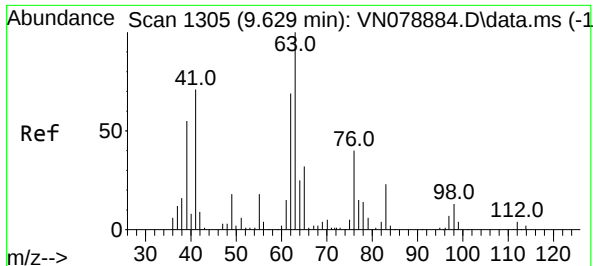
Tgt Ion:130 Resp: 107659

Ion Ratio Lower Upper

130 100

95 105.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.657 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

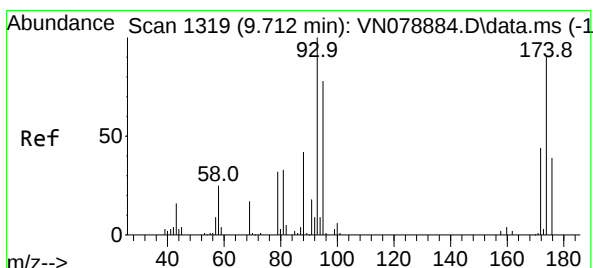
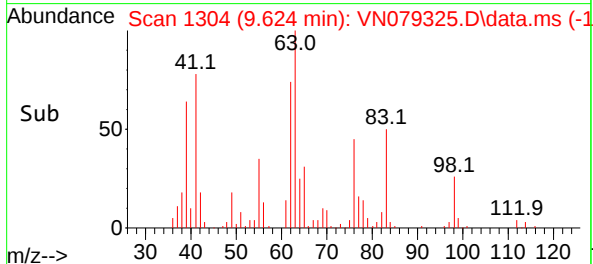
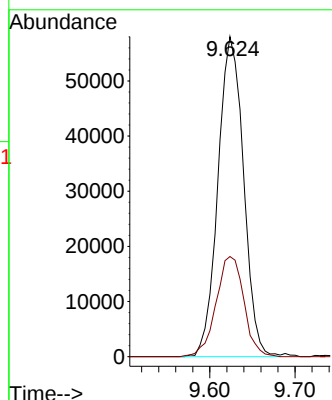
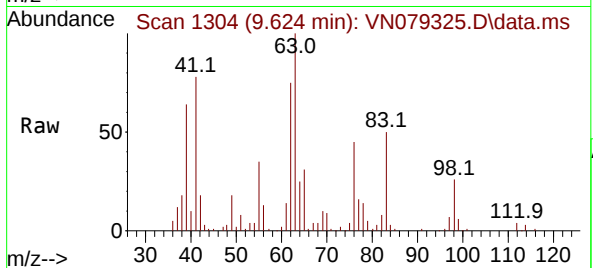
ClientSampleId :

Tgt Ion: 63 Resp: 121210

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 50.158 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

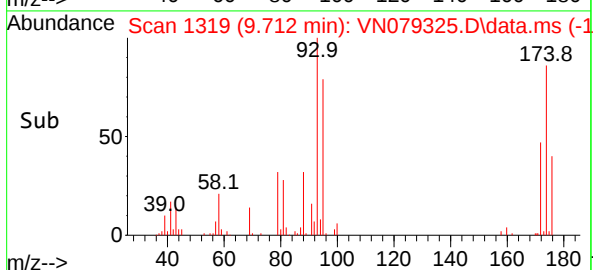
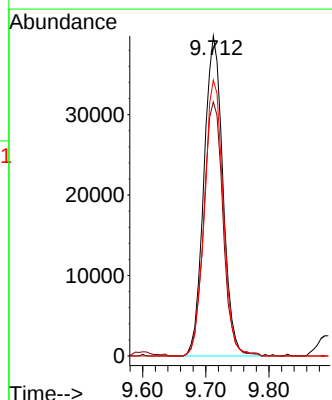
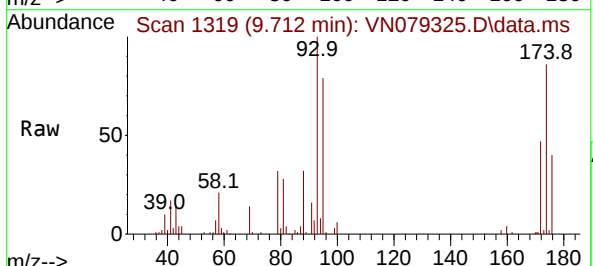
Tgt Ion: 93 Resp: 83114

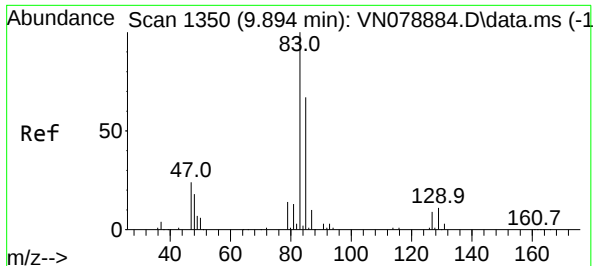
Ion Ratio Lower Upper

93 100

95 80.0 63.8 95.8

174 85.1 65.6 98.4





#47

Bromodichloromethane

Concen: 51.514 ug/l

RT: 9.888 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

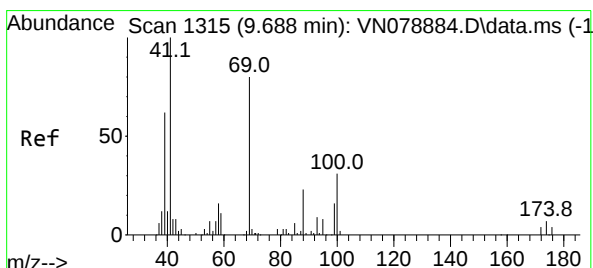
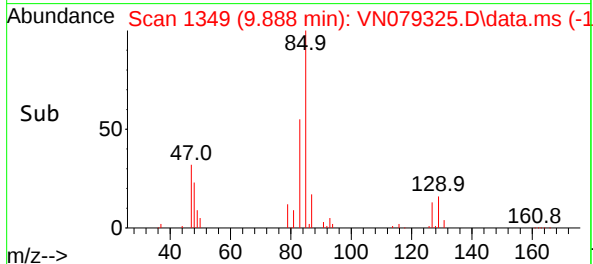
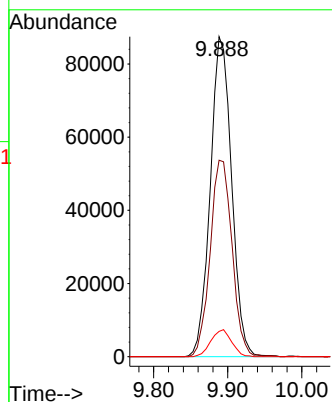
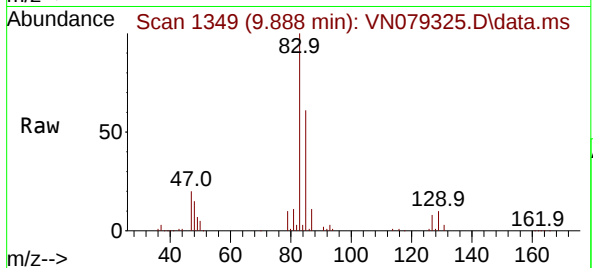
Tgt Ion: 83 Resp: 174837

Ion Ratio Lower Upper

83 100

85 61.4 49.6 74.4

127 7.9 7.0 10.6



#48

Methyl methacrylate

Concen: 50.213 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

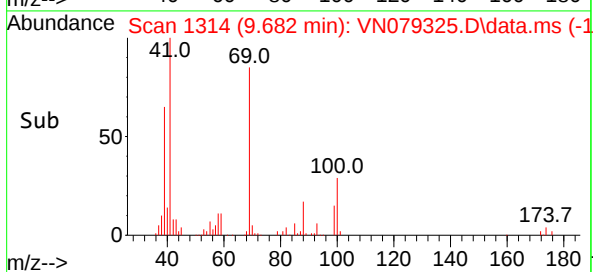
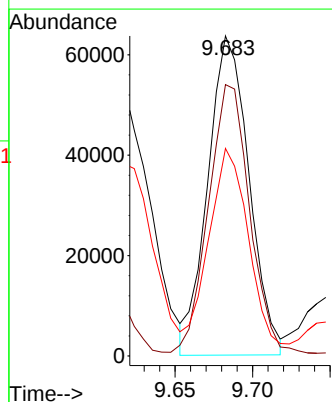
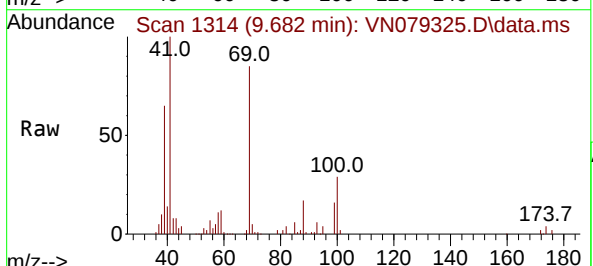
Tgt Ion: 41 Resp: 117608

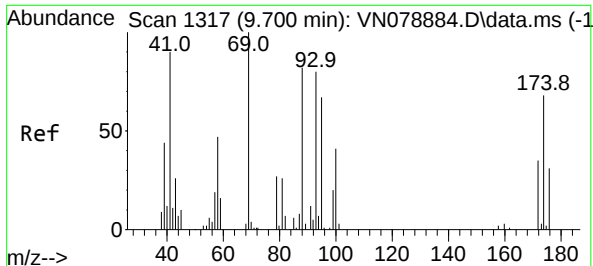
Ion Ratio Lower Upper

41 100

69 86.9 90.4 135.6

39 65.1 54.6 81.8





#49

1,4-Dioxane

Concen: 924.065 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

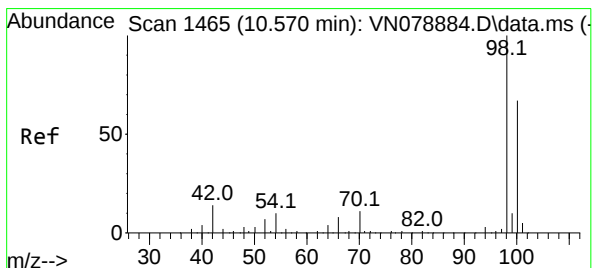
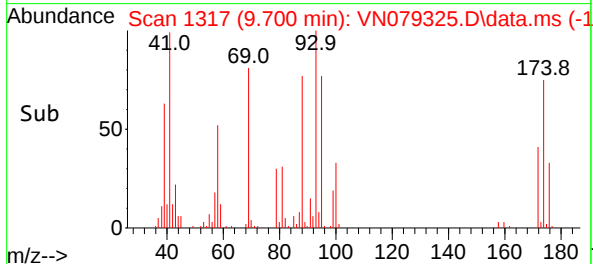
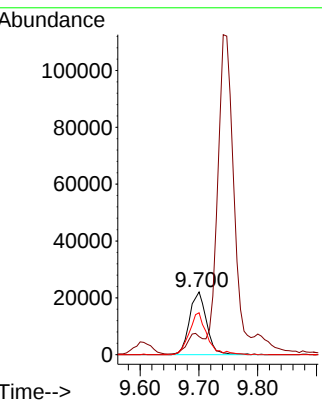
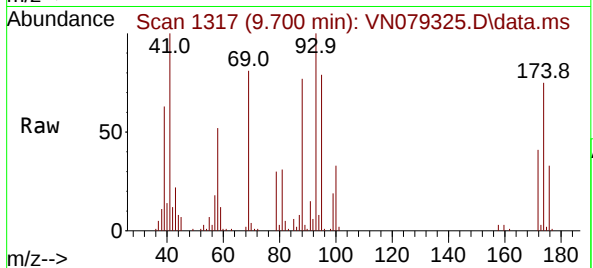
Tgt Ion: 88 Resp: 44516

Ion Ratio Lower Upper

88 100

43 32.2 17.0 25.6#

58 69.2 47.0 70.4



#50

Toluene-d8

Concen: 45.609 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079325.D

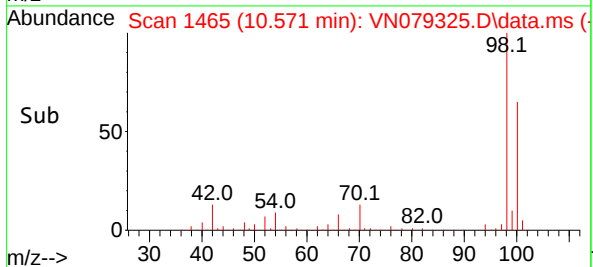
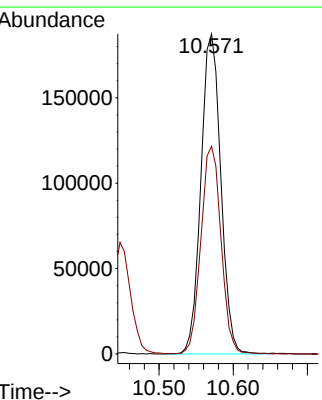
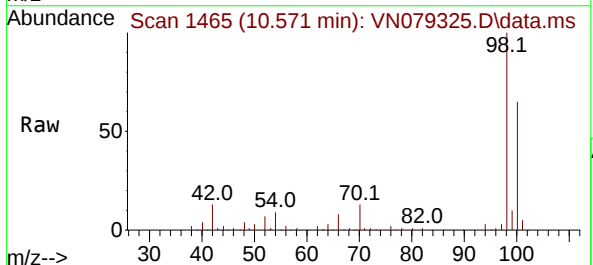
Acq: 21 Sep 2023 16:33

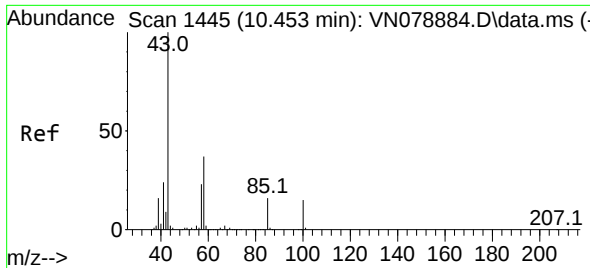
Tgt Ion: 98 Resp: 349083

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

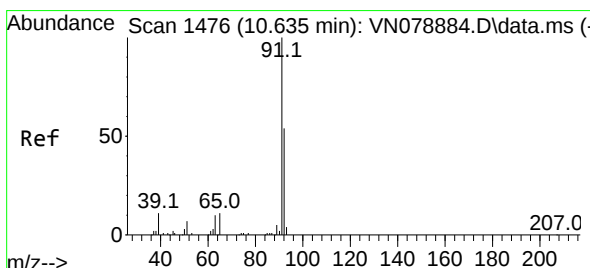
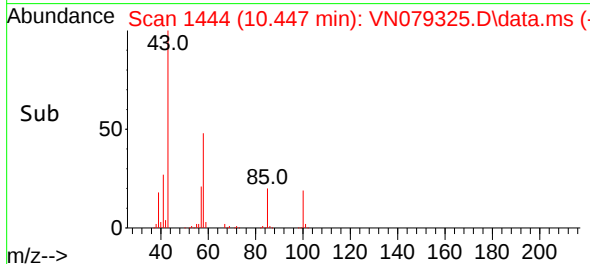
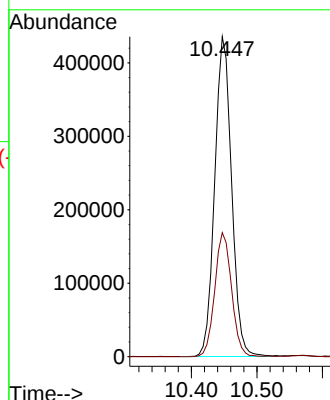
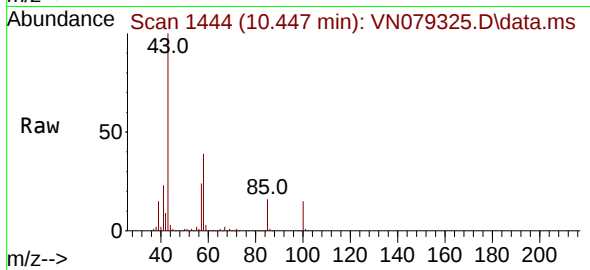




#51
4-Methyl-2-Pentanone
Concen: 255.731 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

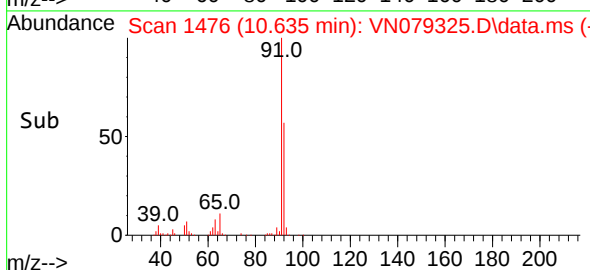
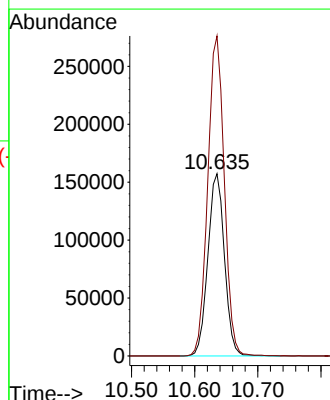
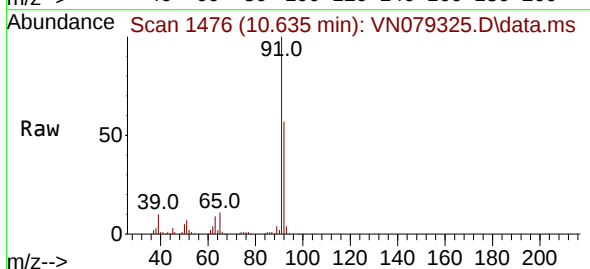
Instrument :
MSVOA_N
ClientSampleId :

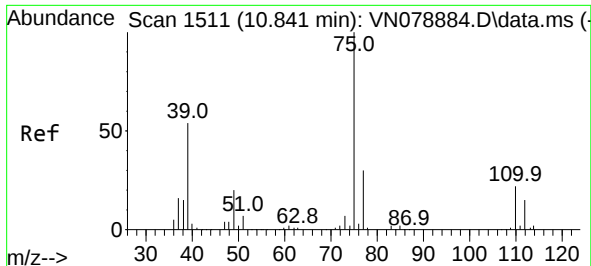
Tgt Ion: 43 Resp: 776244
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8



#52
Toluene
Concen: 47.467 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 92 Resp: 286914
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 50.480 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

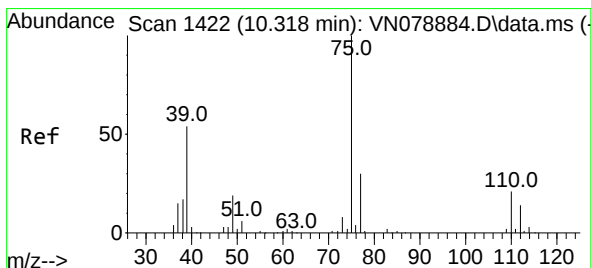
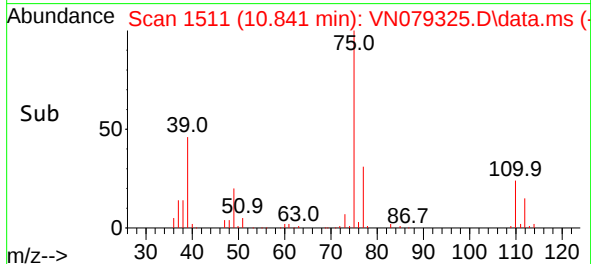
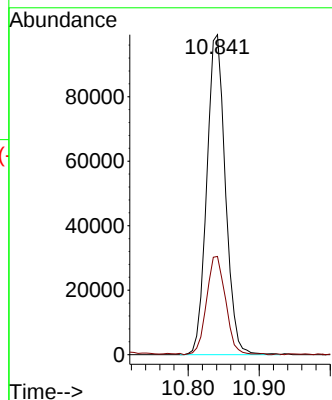
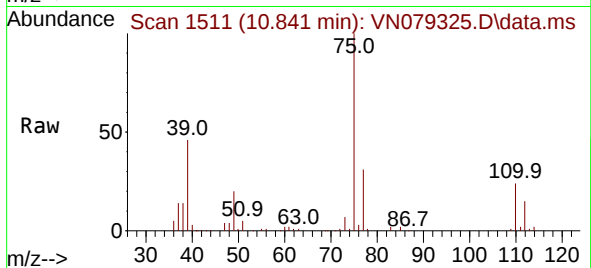
ClientSampleId :

Tgt Ion: 75 Resp: 180657

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 50.542 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

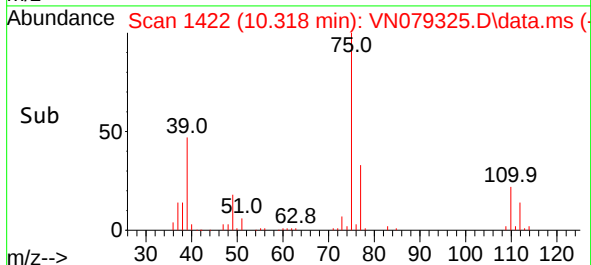
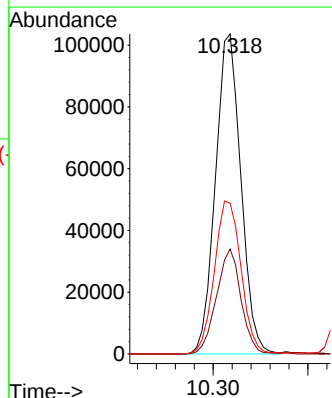
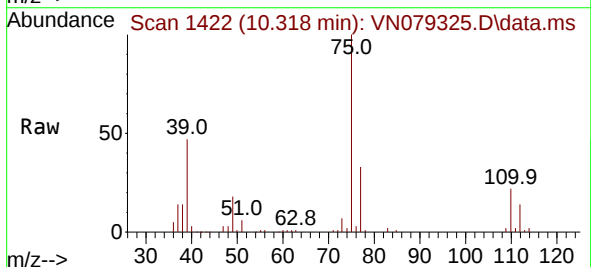
Tgt Ion: 75 Resp: 193458

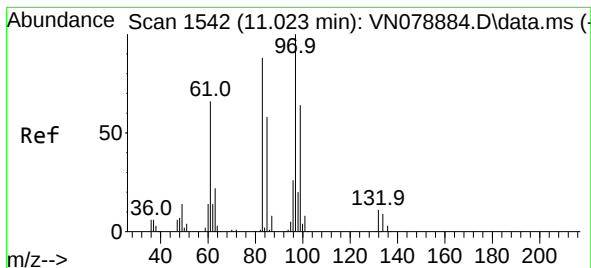
Ion Ratio Lower Upper

75 100

77 32.8 26.1 39.1

39 47.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 47.159 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 111850

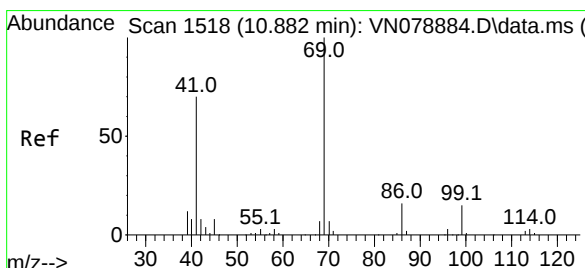
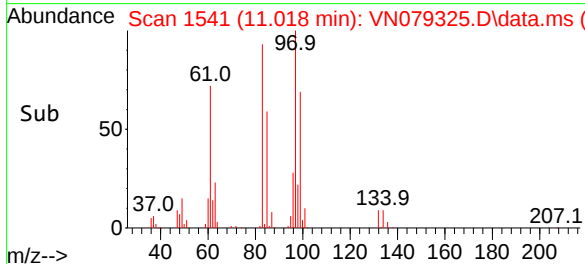
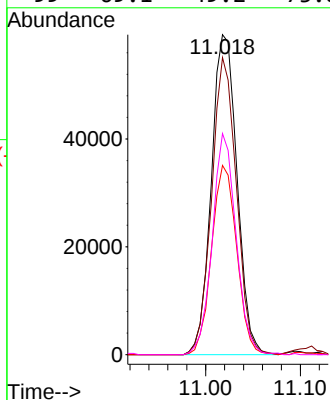
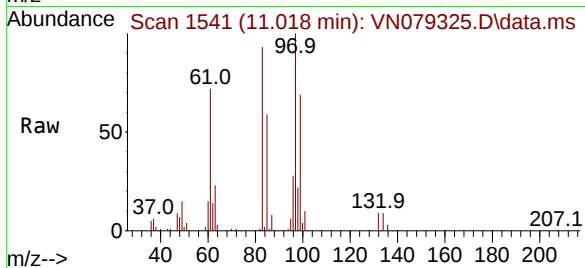
Ion Ratio Lower Upper

97 100

83 92.8 65.1 97.7

85 59.2 43.4 65.2

99 69.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 51.557 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

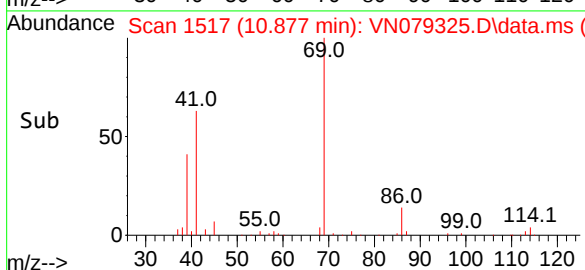
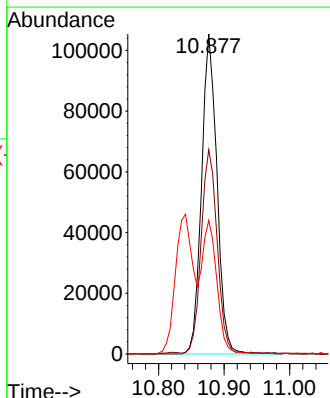
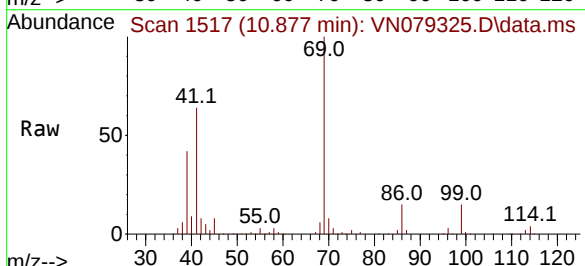
Tgt Ion: 69 Resp: 172616

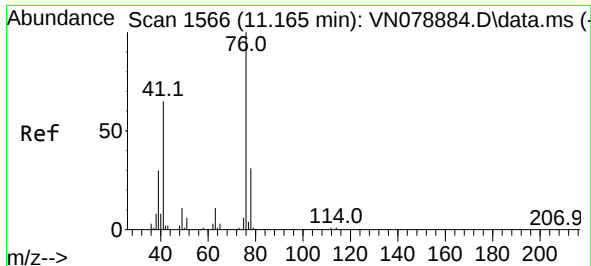
Ion Ratio Lower Upper

69 100

41 66.0 39.6 59.4#

39 40.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 48.513 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

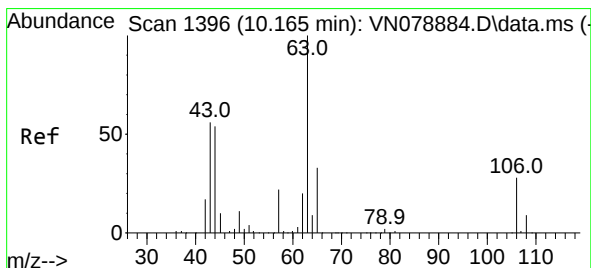
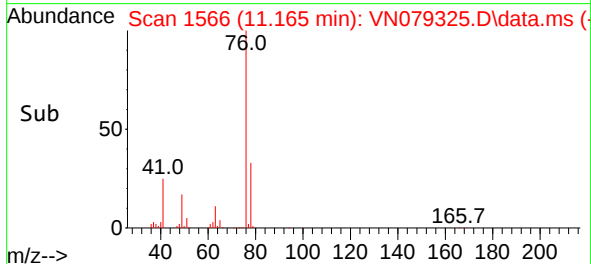
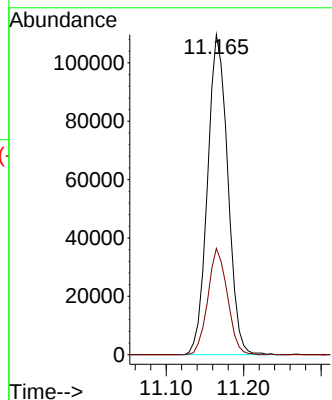
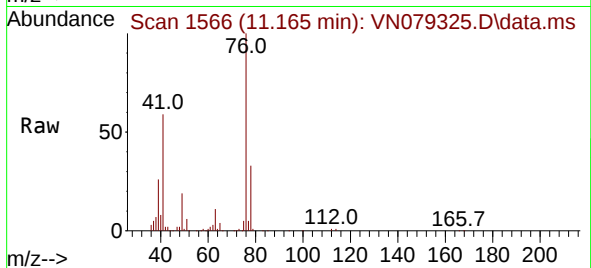
ClientSampleId :

Tgt Ion: 76 Resp: 198905

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 245.457 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079325.D

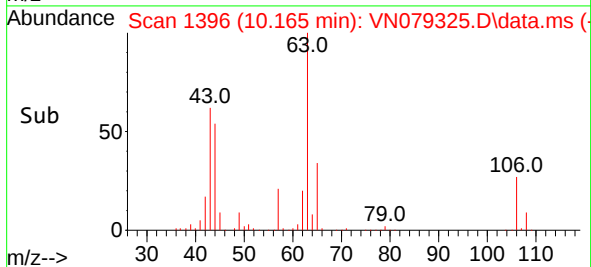
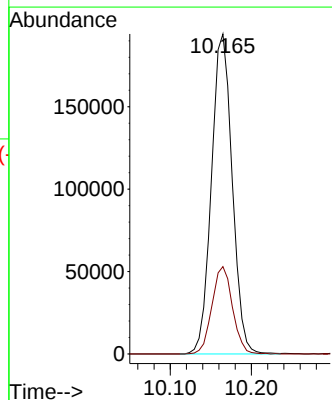
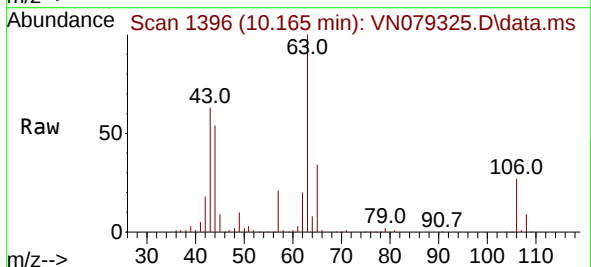
Acq: 21 Sep 2023 16:33

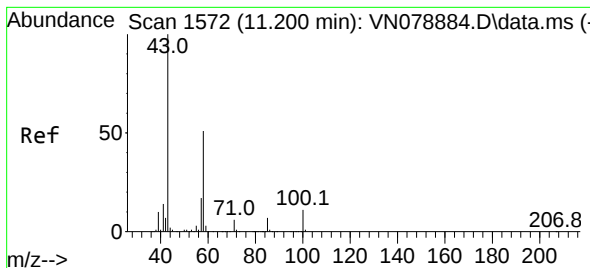
Tgt Ion: 63 Resp: 344833

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

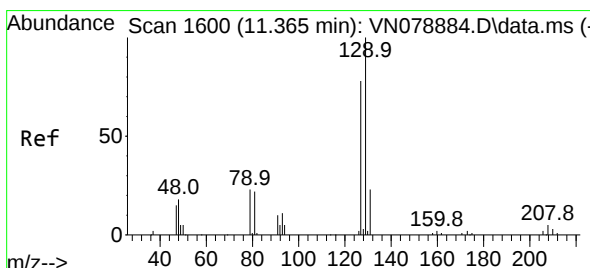
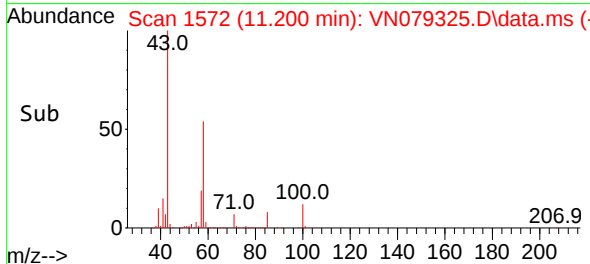
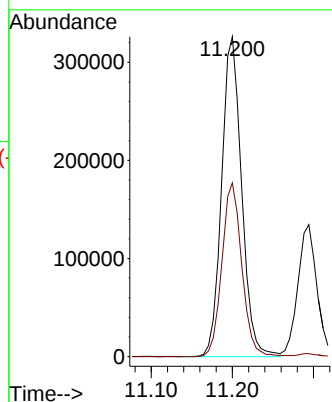
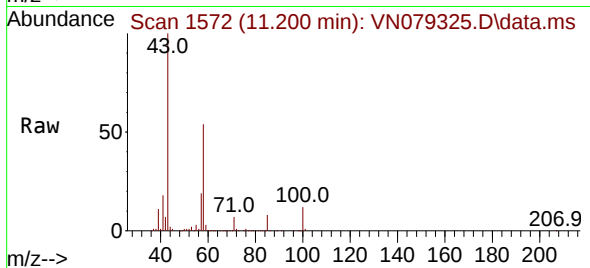




#59
2-Hexanone
Concen: 254.322 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

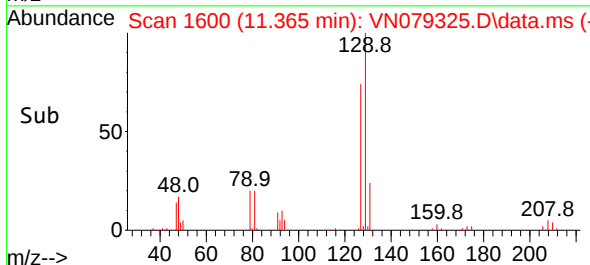
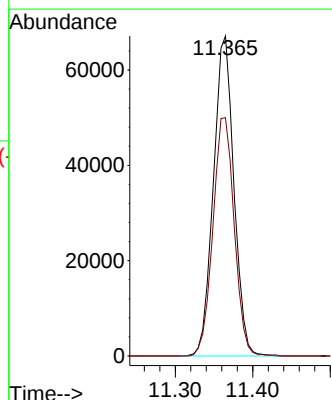
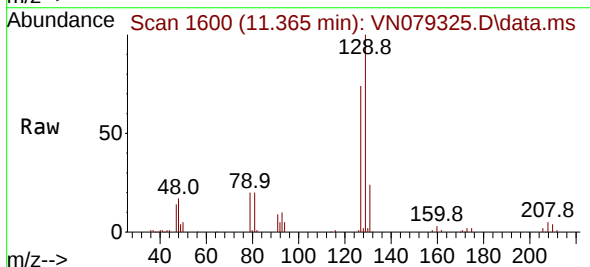
Instrument :
MSVOA_N
ClientSampleId :

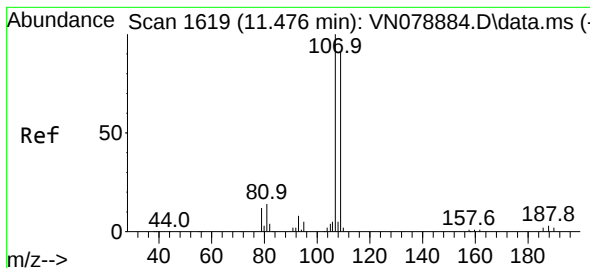
Tgt Ion: 43 Resp: 559125
Ion Ratio Lower Upper
43 100
58 54.0 31.7 95.1



#60
Dibromochloromethane
Concen: 48.763 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion:129 Resp: 123087
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

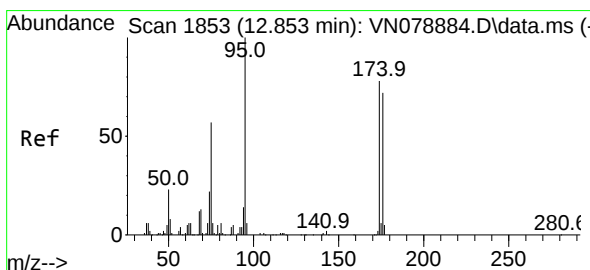
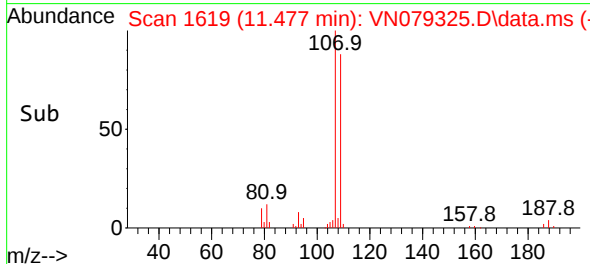
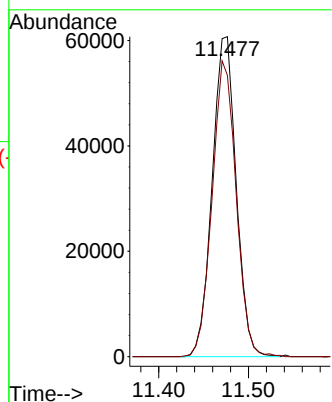
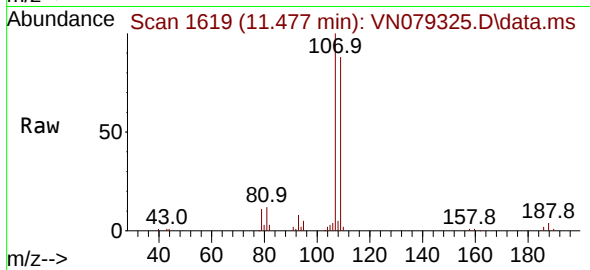




#61
1,2-Dibromoethane
Concen: 47.661 ug/l
RT: 11.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

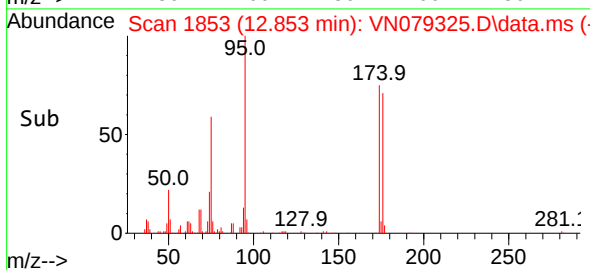
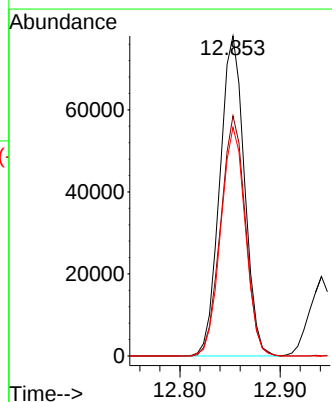
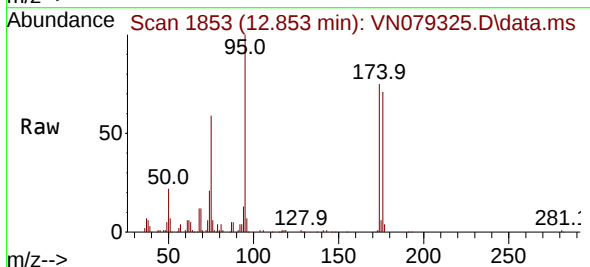
Instrument :
MSVOA_N
ClientSampleId :

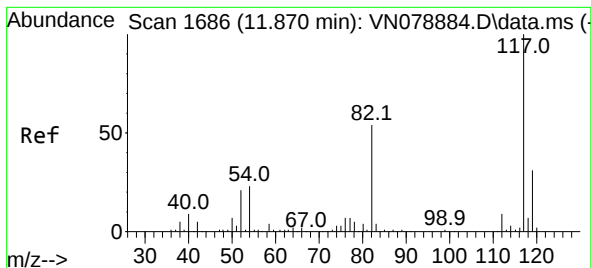
Tgt Ion:107 Resp: 112810
Ion Ratio Lower Upper
107 100
109 92.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.417 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 95 Resp: 132853
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

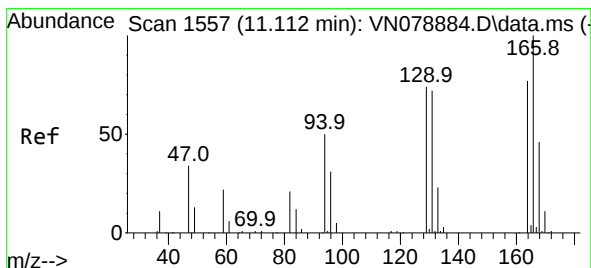
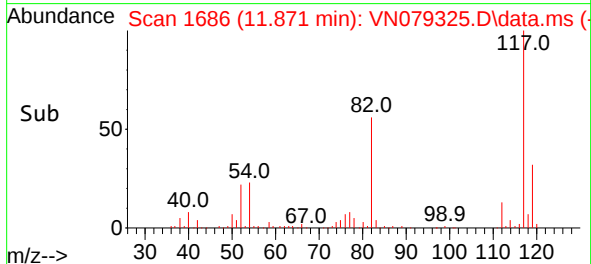
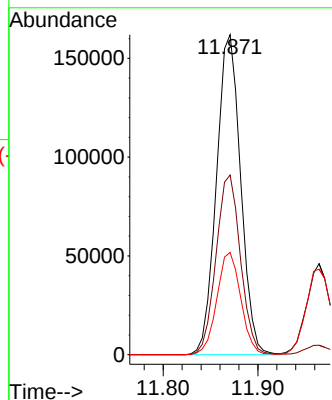
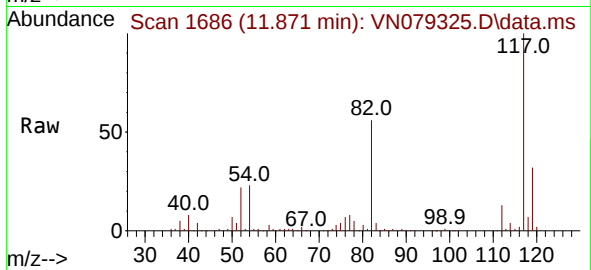
Tgt Ion:117 Resp: 288026

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 40.563 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Tgt Ion:164 Resp: 85191

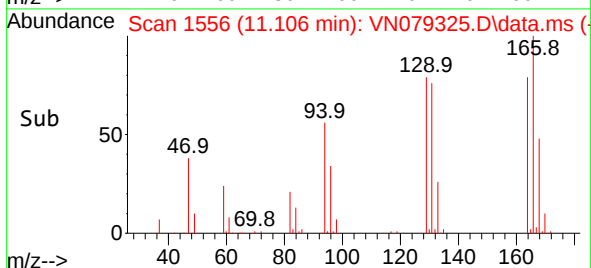
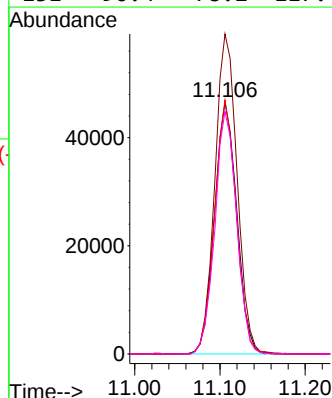
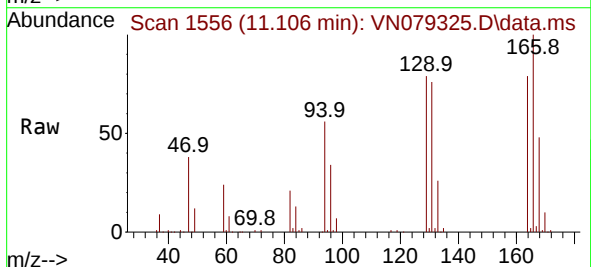
Ion Ratio Lower Upper

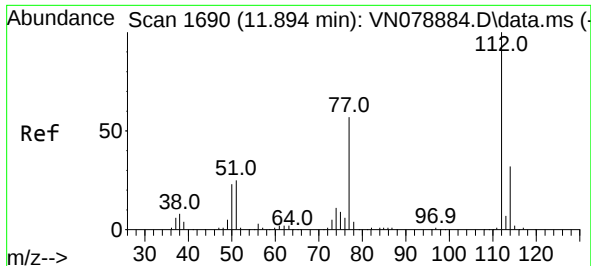
164 100

166 127.2 101.4 152.0

129 100.8 82.4 123.6

131 96.4 78.2 117.4

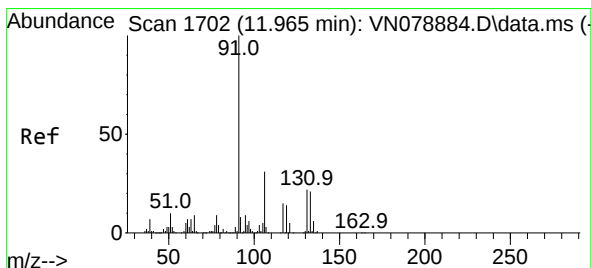
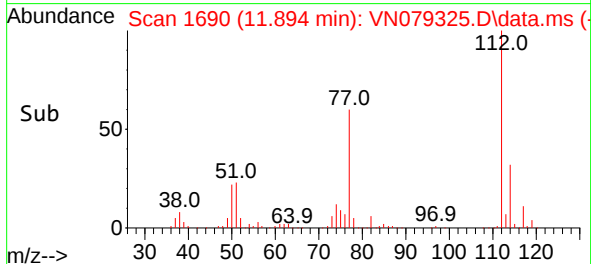
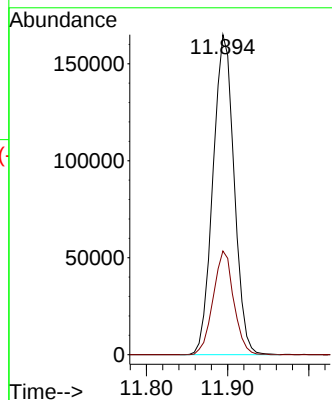
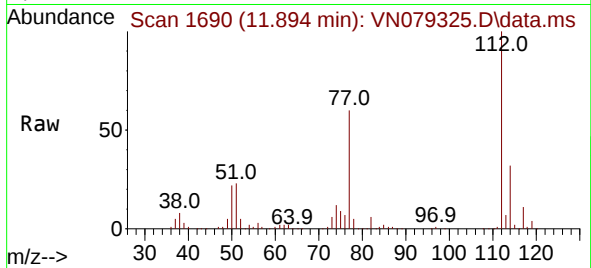




#65
Chlorobenzene
Concen: 45.718 ug/l
RT: 11.894 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

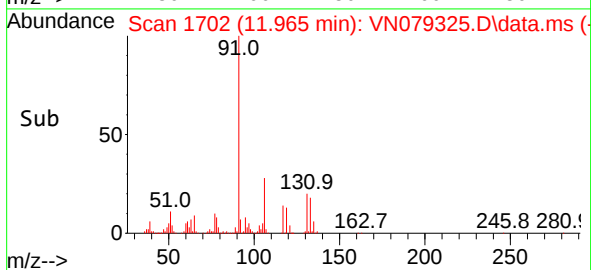
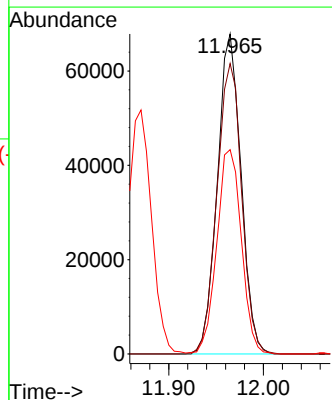
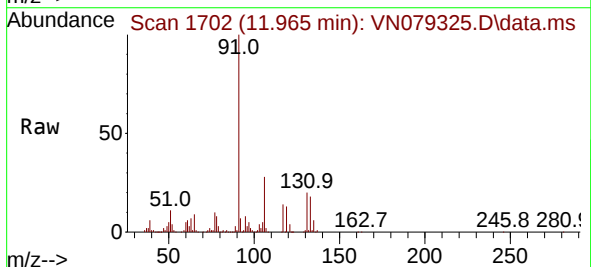
Instrument :
MSVOA_N
ClientSampleId :

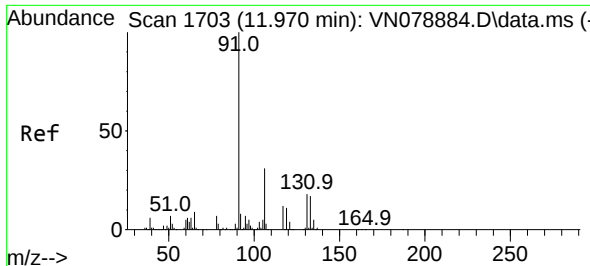
Tgt Ion:112 Resp: 298303
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.237 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion:131 Resp: 118024
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 66.2 34.1 102.2

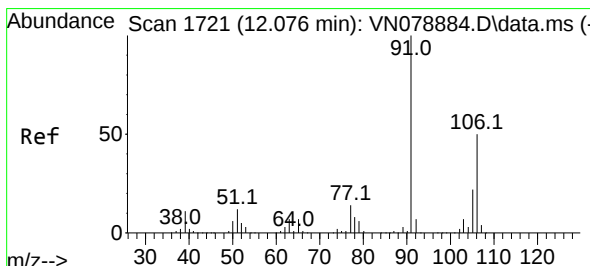
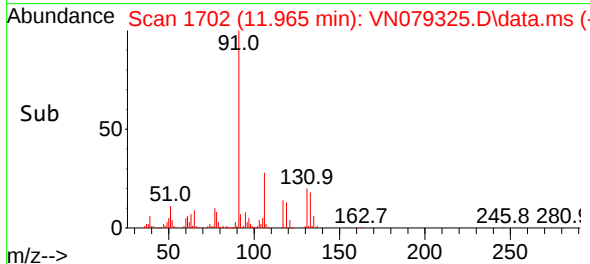
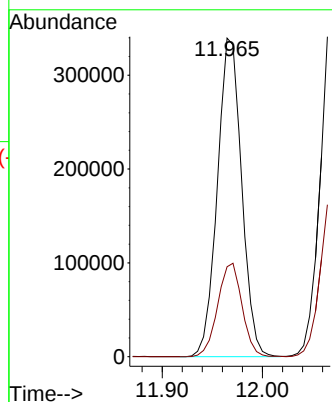
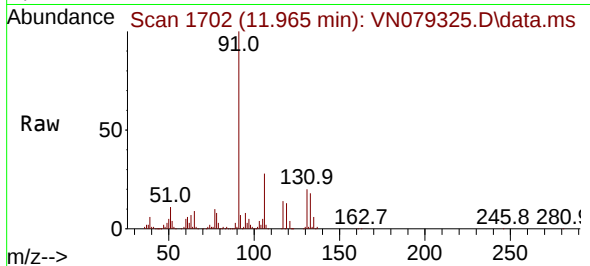




#67
Ethyl Benzene
Concen: 51.072 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

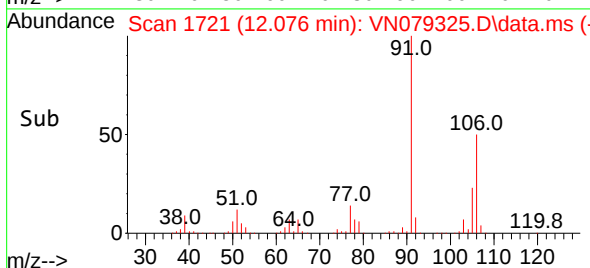
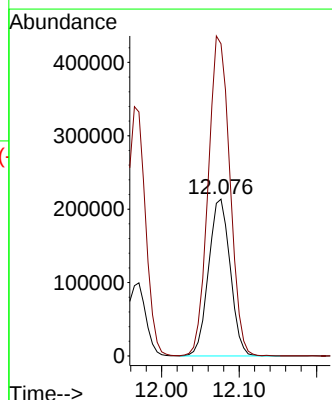
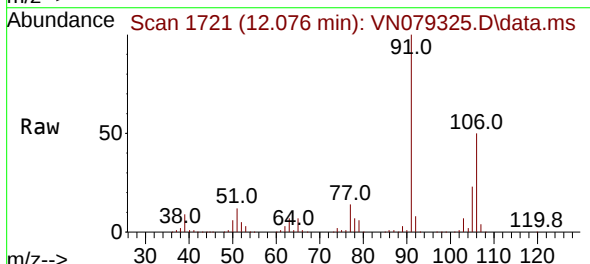
Instrument :
MSVOA_N
ClientSampleId :

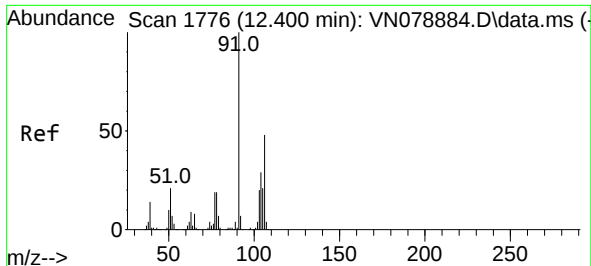
Tgt Ion: 91 Resp: 570002
Ion Ratio Lower Upper
91 100
106 28.2 25.6 38.4



#68
m/p-Xylenes
Concen: 99.549 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion:106 Resp: 414120
Ion Ratio Lower Upper
106 100
91 204.8 159.6 239.4





#69

o-Xylene

Concen: 49.833 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

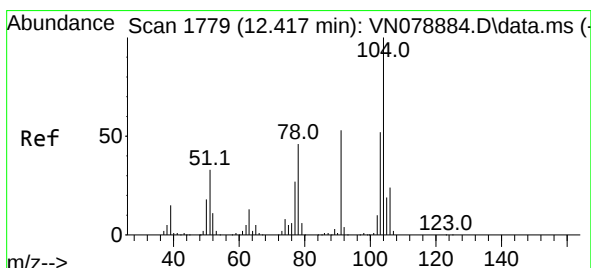
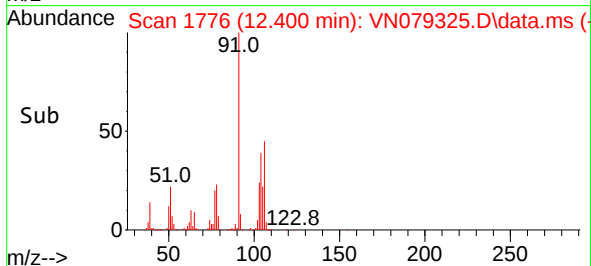
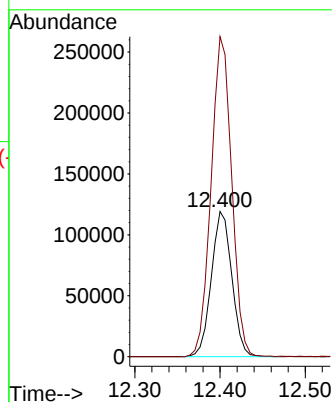
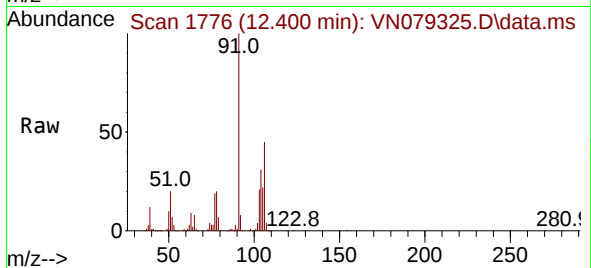
ClientSampleId :

Tgt Ion:106 Resp: 198818

Ion Ratio Lower Upper

106 100

91 222.1 105.2 315.5



#70

Styrene

Concen: 52.294 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

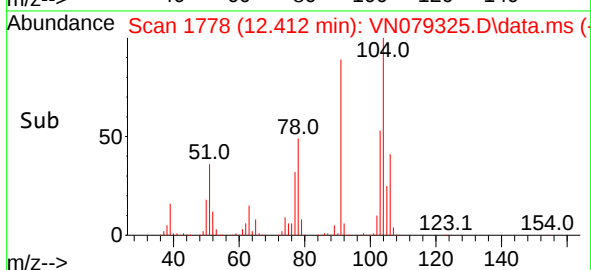
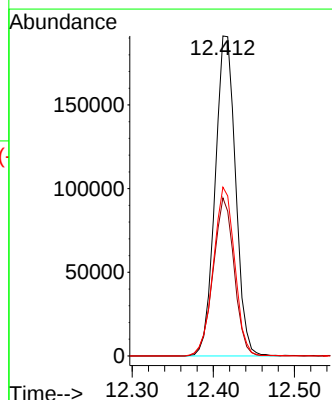
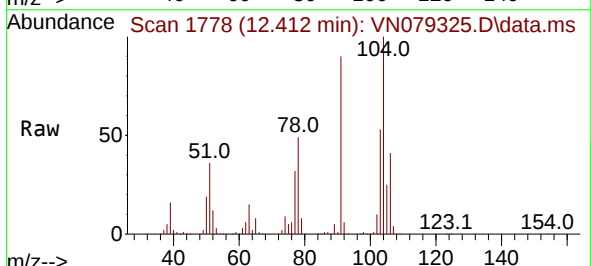
Tgt Ion:104 Resp: 335558

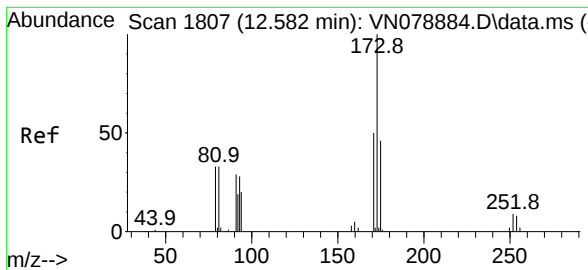
Ion Ratio Lower Upper

104 100

78 50.5 39.5 59.3

103 55.0 43.2 64.8

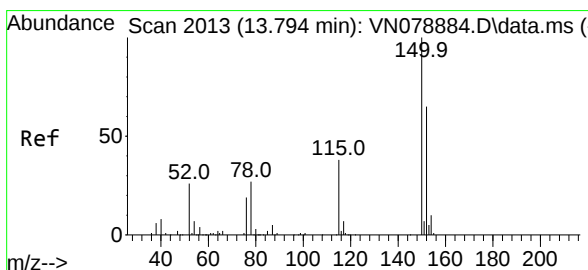
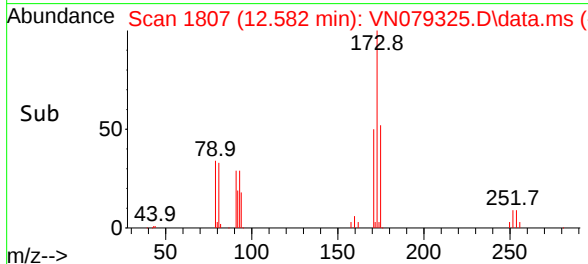
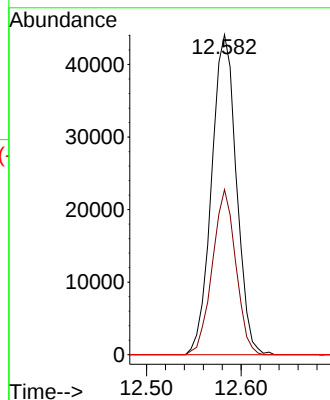
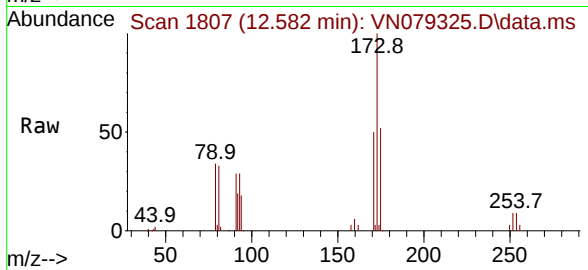




#71
Bromoform
Concen: 44.499 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

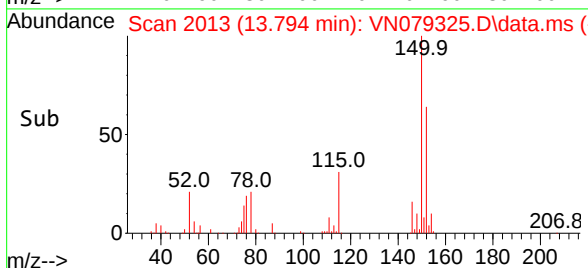
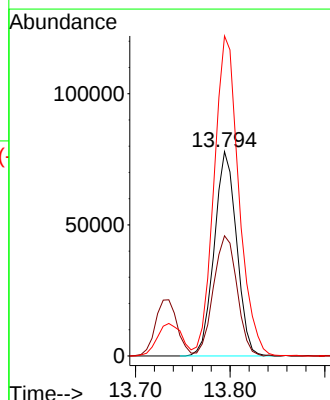
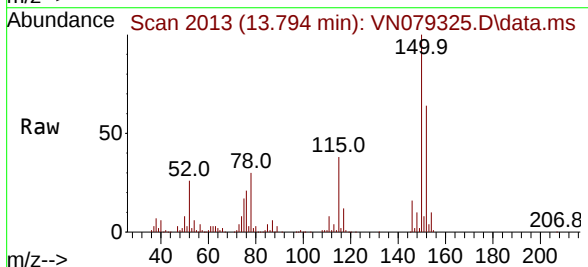
Instrument :
MSVOA_N
ClientSampleId :

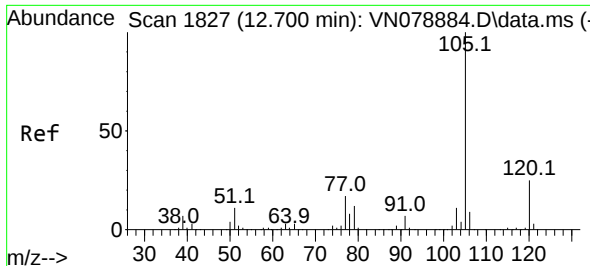
Tgt Ion:173 Resp: 80378
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion:152 Resp: 127919
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 173.9 0.0 355.8

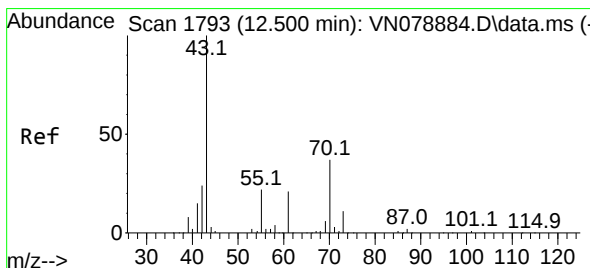
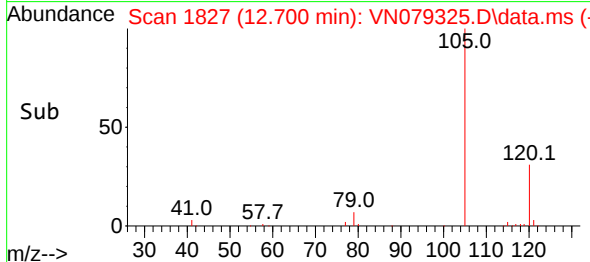
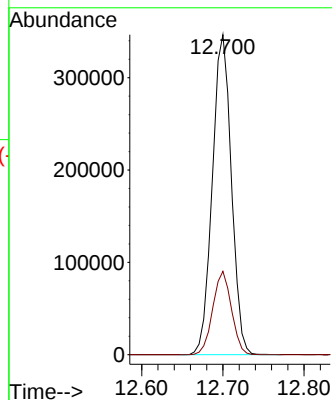
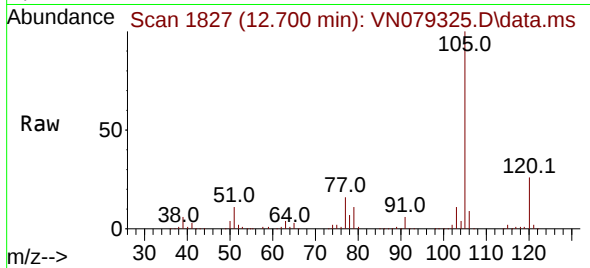




#73
Isopropylbenzene
Concen: 48.476 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

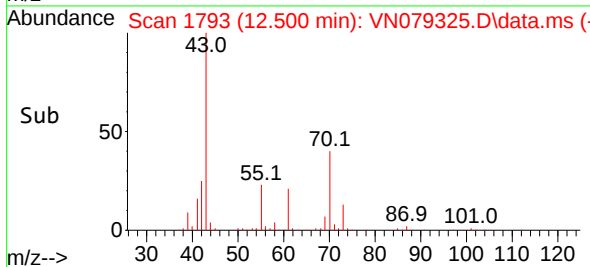
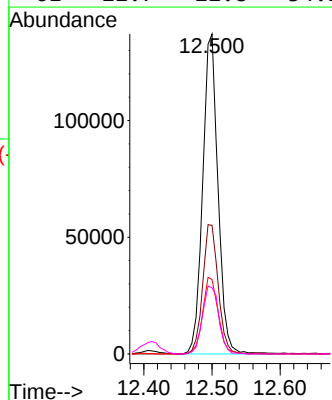
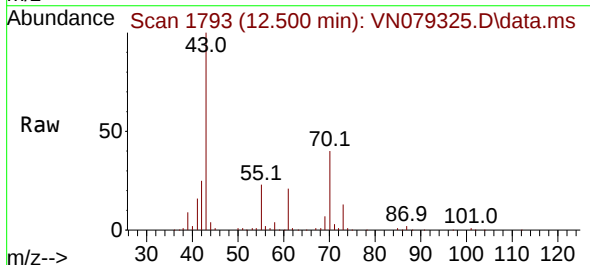
Instrument :
MSVOA_N
ClientSampleId :

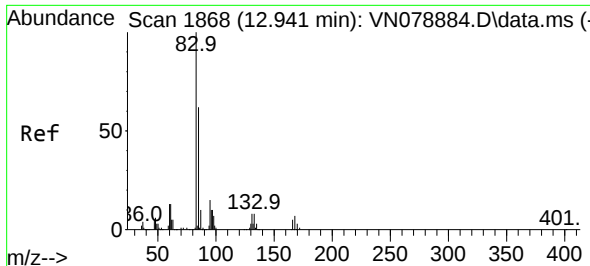
Tgt Ion:105 Resp: 564175
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 48.431 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 43 Resp: 213847
Ion Ratio Lower Upper
43 100
70 41.0 43.4 65.2#
55 24.4 21.4 32.0
61 22.7 22.8 34.2#

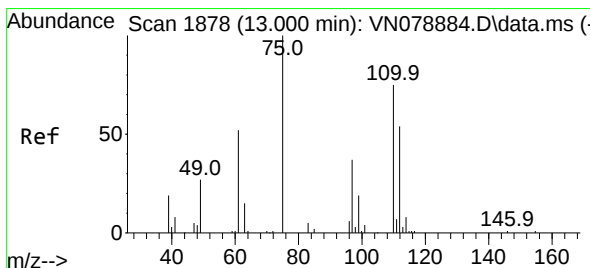
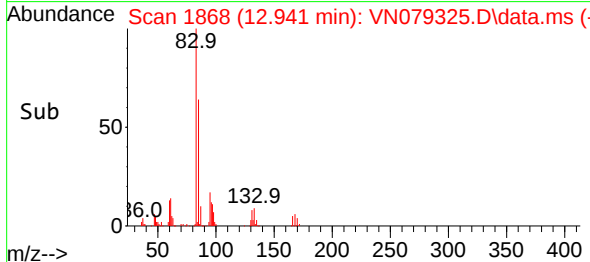
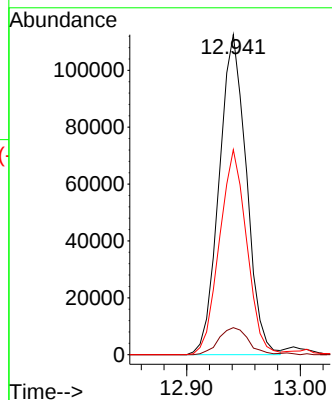
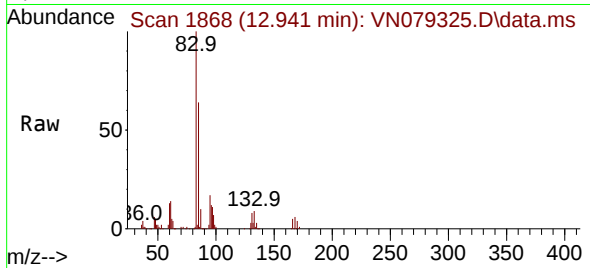




#75
1,1,2,2-Tetrachloroethane
Concen: 43.379 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

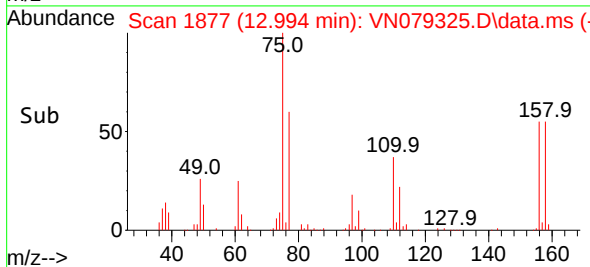
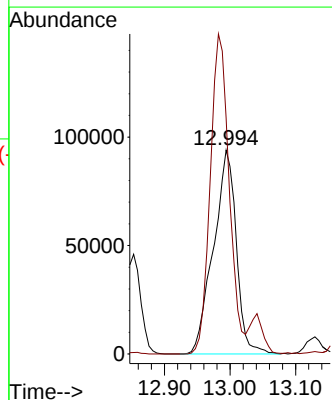
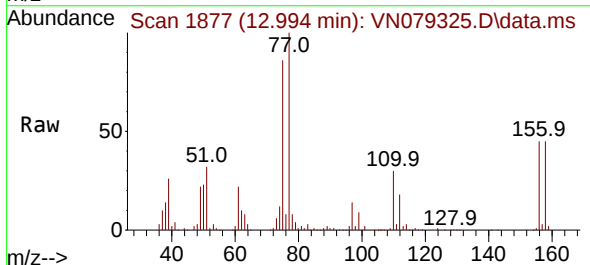
Instrument :
MSVOA_N
ClientSampleId :

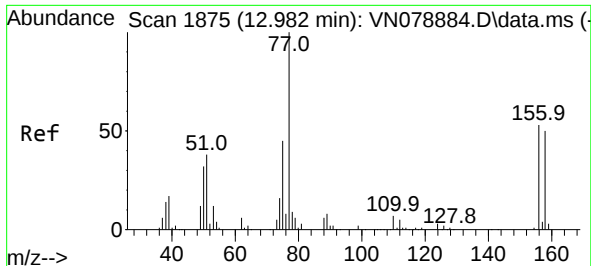
Tgt Ion: 83 Resp: 187999
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 65.998 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 75 Resp: 227532
Ion Ratio Lower Upper
75 100
77 130.2 84.5 253.5

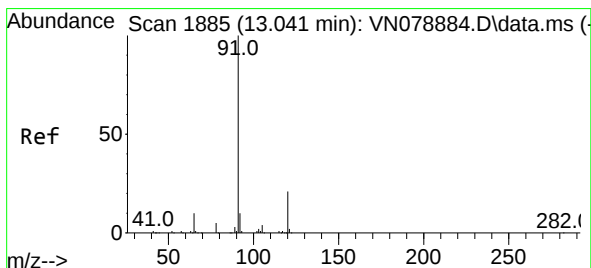
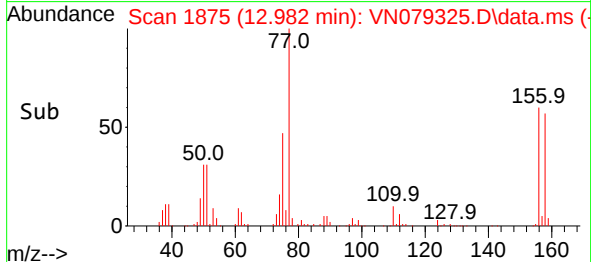
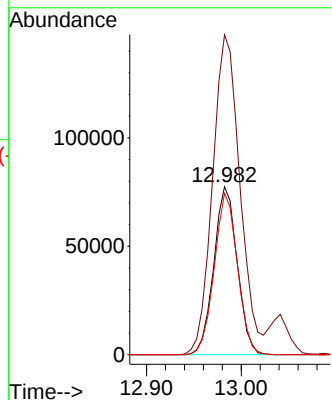
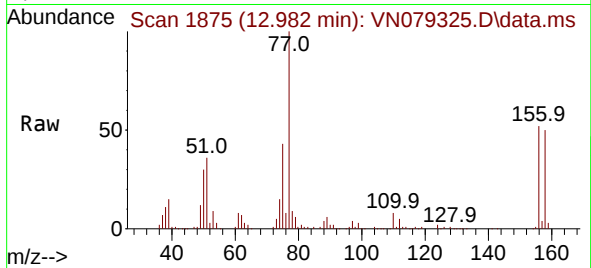




#77
Bromobenzene
Concen: 45.000 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

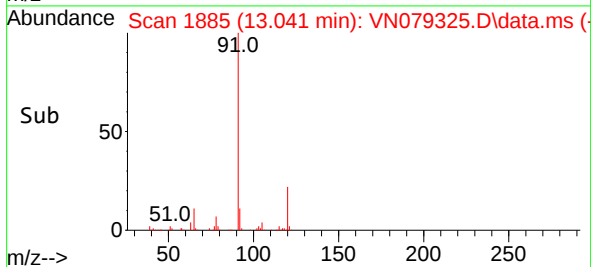
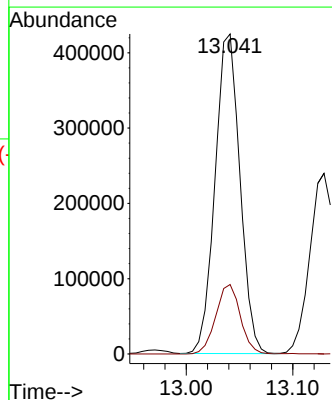
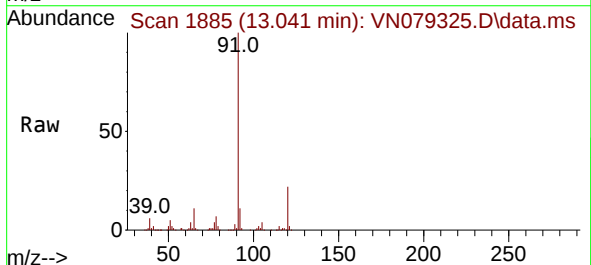
Instrument :
MSVOA_N
ClientSampleId :

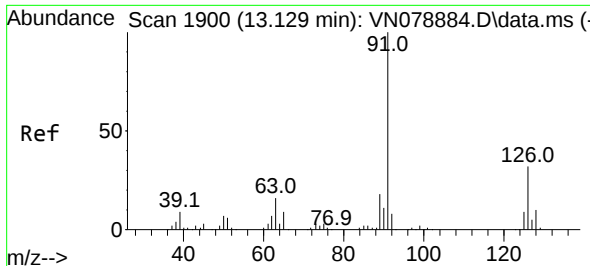
Tgt Ion:156 Resp: 132614
Ion Ratio Lower Upper
156 100
77 223.5 107.7 323.3
158 95.4 48.4 145.3



#78
n-propylbenzene
Concen: 52.624 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 91 Resp: 688007
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4

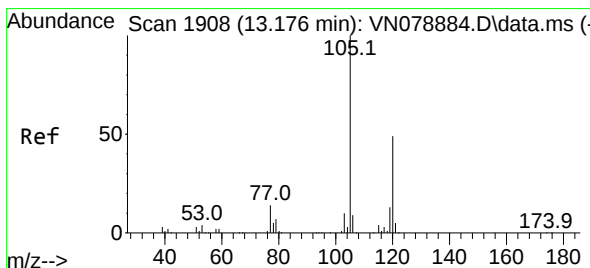
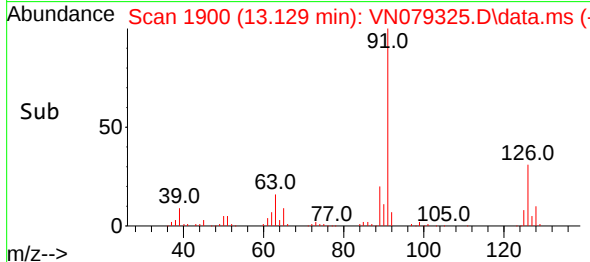
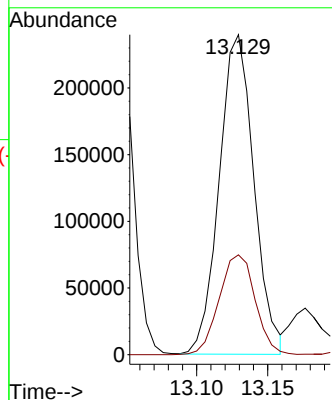
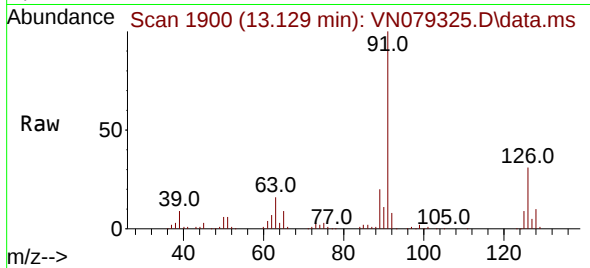




#79
2-Chlorotoluene
Concen: 47.723 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

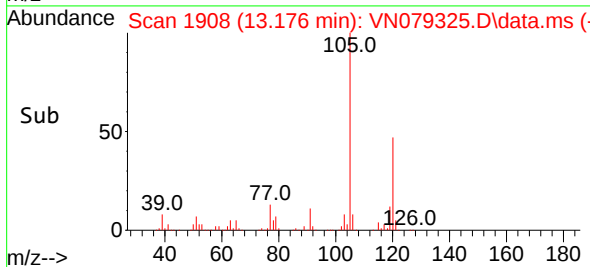
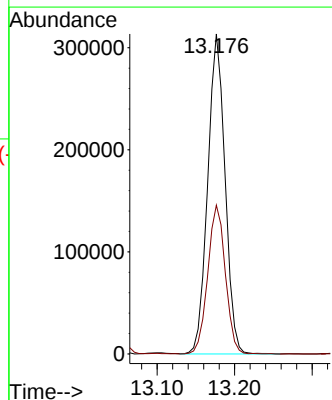
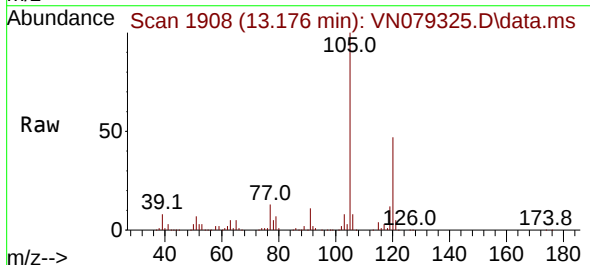
Instrument :
MSVOA_N
ClientSampleId :

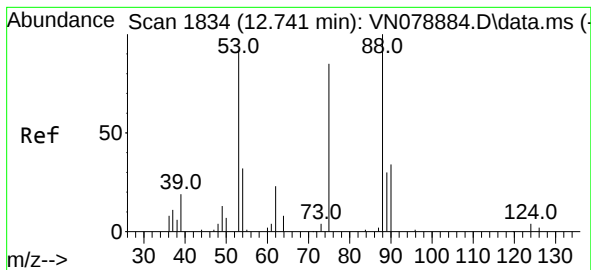
Tgt Ion: 91 Resp: 408080
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.151 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion:105 Resp: 486350
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3

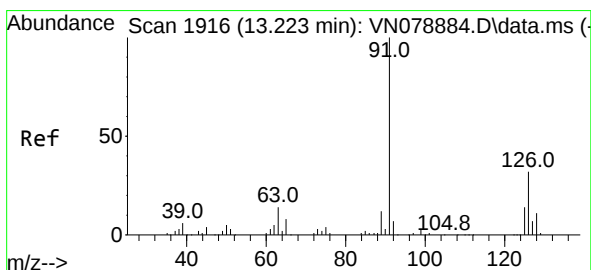
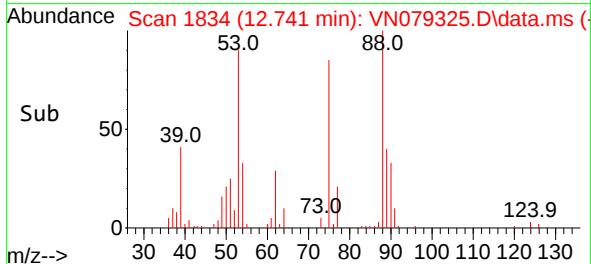
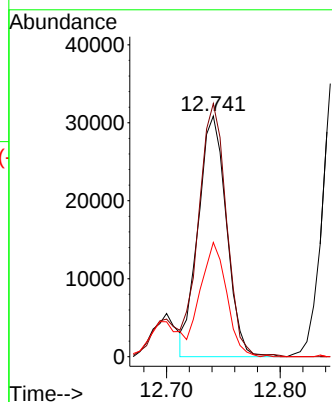
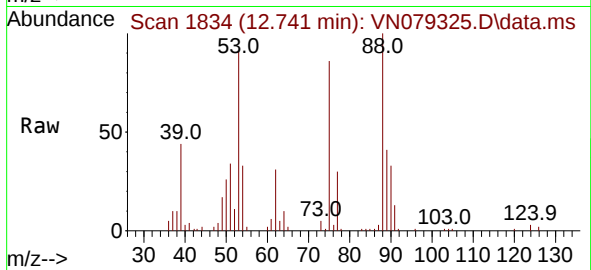




#81
trans-1,4-Dichloro-2-butene
Concen: 42.489 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

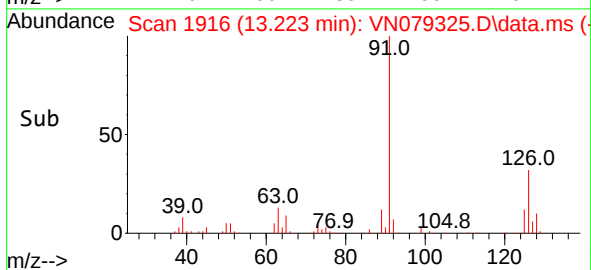
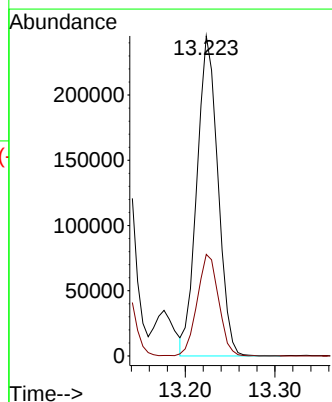
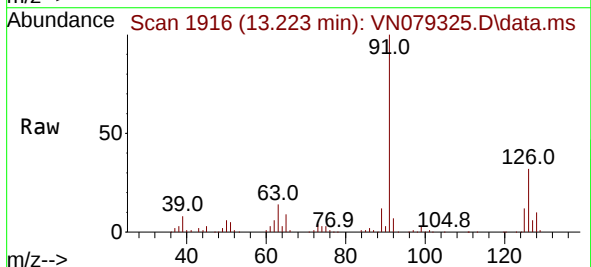
Instrument :
MSVOA_N
ClientSampleId :

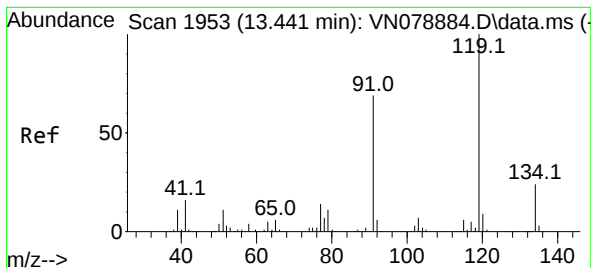
Tgt Ion: 75 Resp: 53282
Ion Ratio Lower Upper
75 100
53 103.8 67.4 101.2#
89 43.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.722 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion: 91 Resp: 399512
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 48.066 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

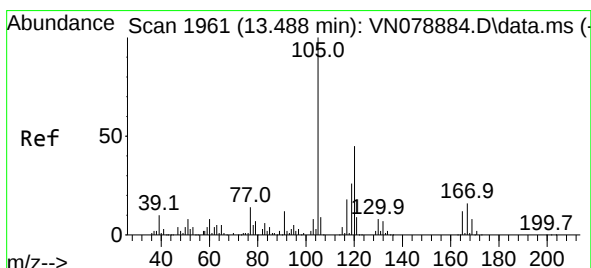
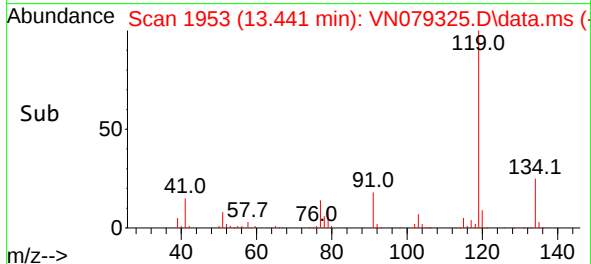
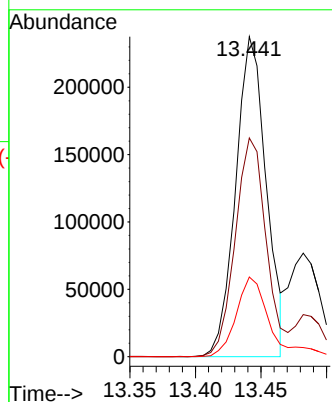
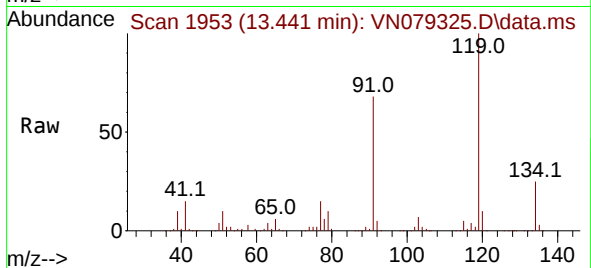
Tgt Ion:119 Resp: 385611

Ion Ratio Lower Upper

119 100

91 69.8 33.9 101.7

134 27.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.186 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079325.D

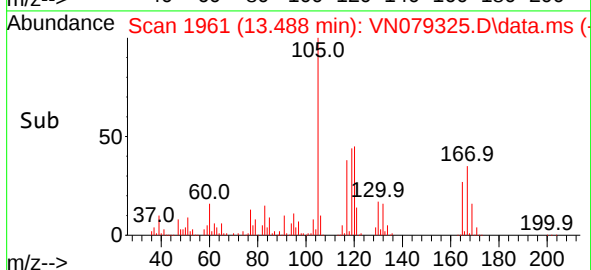
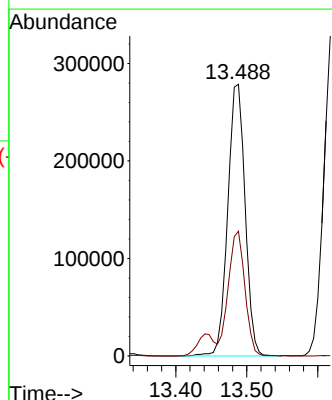
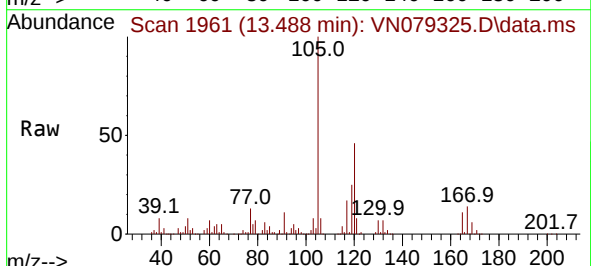
Acq: 21 Sep 2023 16:33

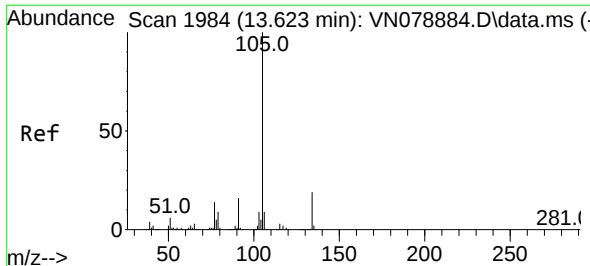
Tgt Ion:105 Resp: 472732

Ion Ratio Lower Upper

105 100

120 43.9 22.0 66.0

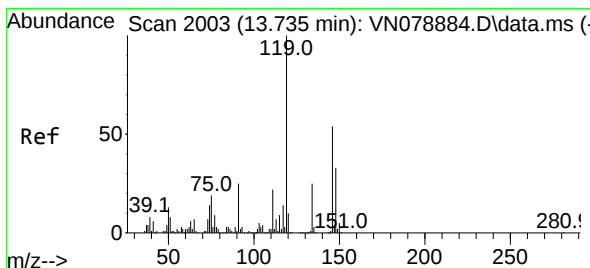
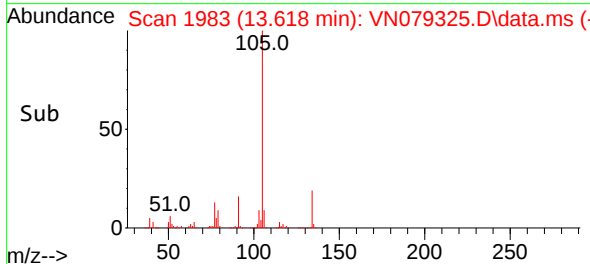
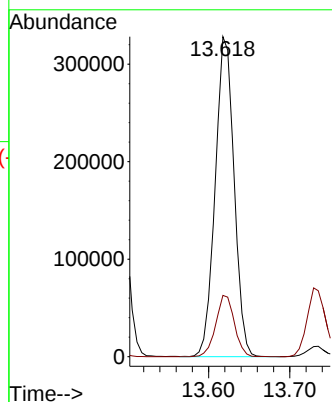
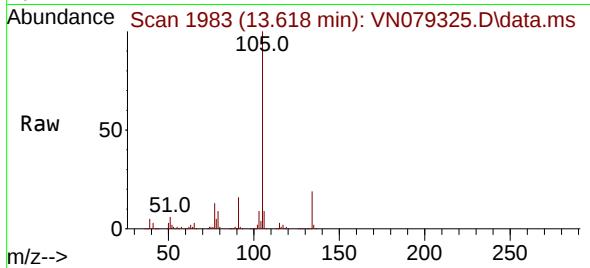




#85
 sec-Butylbenzene
 Concen: 48.114 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

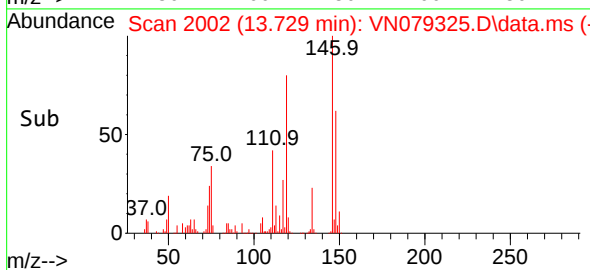
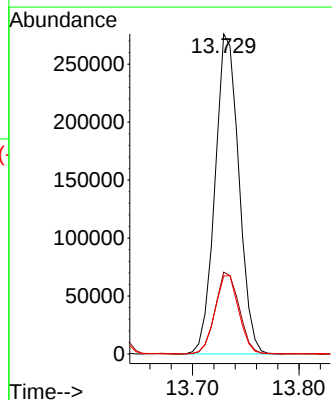
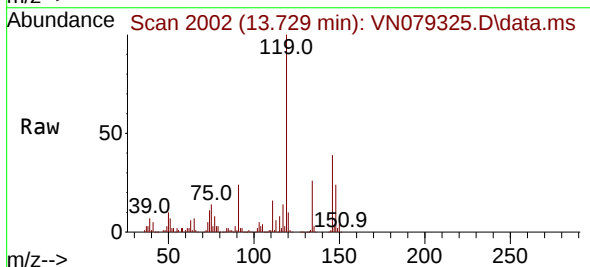
Instrument :
 MSVOA_N
 ClientSampleId :

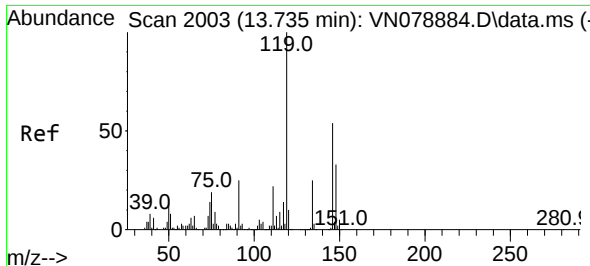
Tgt Ion:105 Resp: 531397
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.668 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

Tgt Ion:119 Resp: 429429
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.4 12.4 37.2

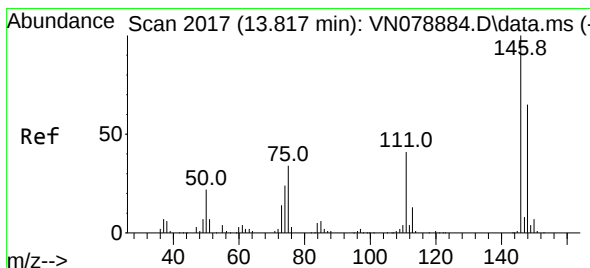
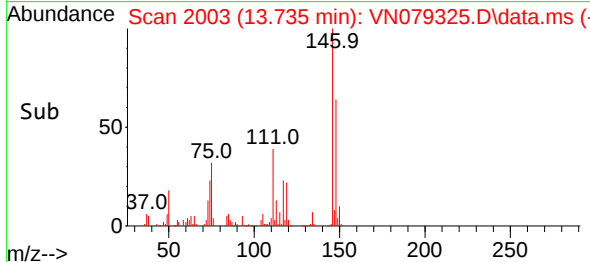
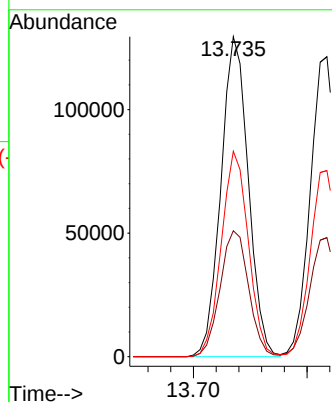
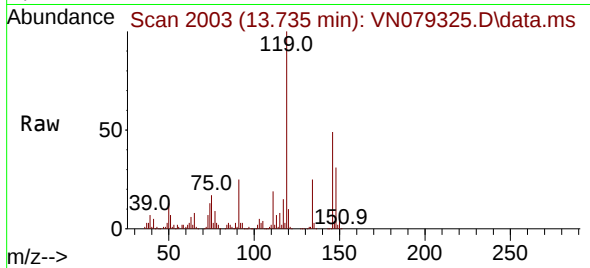




#87
 1,3-Dichlorobenzene
 Concen: 44.874 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

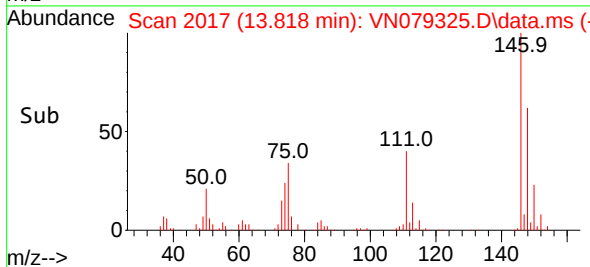
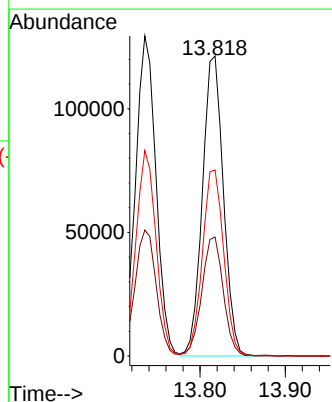
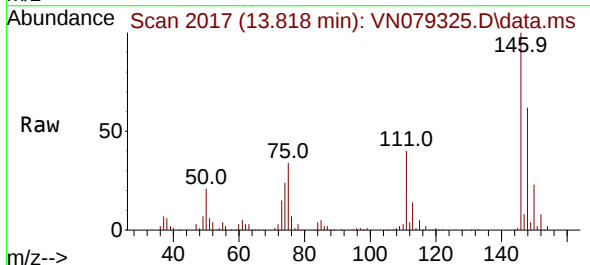
Instrument :
 MSVOA_N
 ClientSampleId :

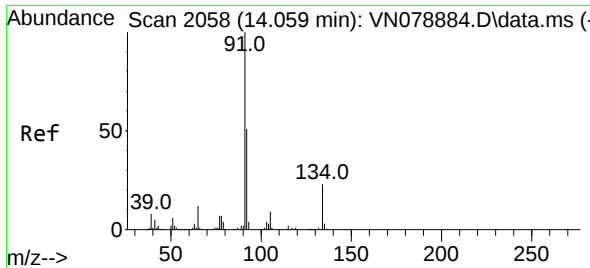
Tgt Ion:146 Resp: 216903
 Ion Ratio Lower Upper
 146 100
 111 41.0 22.1 66.3
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 42.600 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079325.D
 Acq: 21 Sep 2023 16:33

Tgt Ion:146 Resp: 208069
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.8
 148 62.9 31.6 94.8

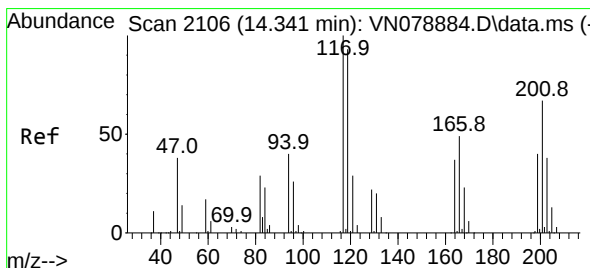
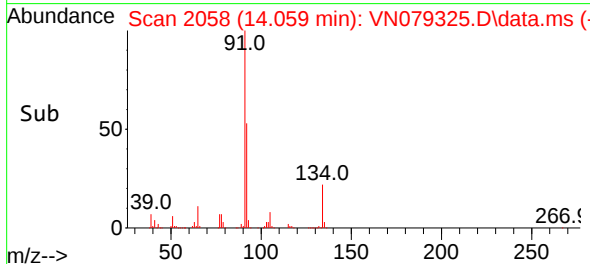
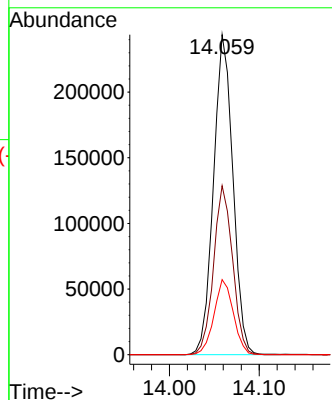
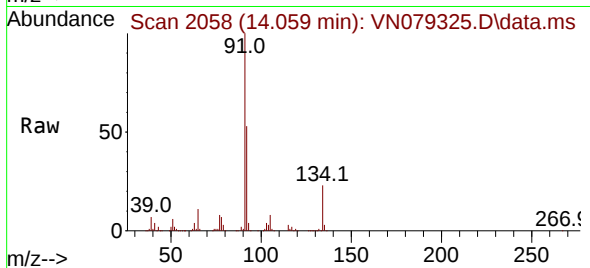




#89
n-Butylbenzene
Concen: 52.719 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

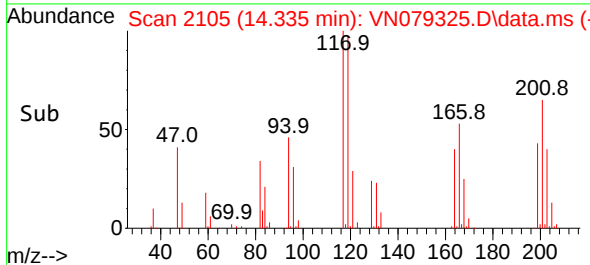
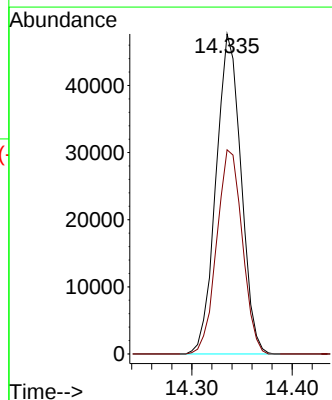
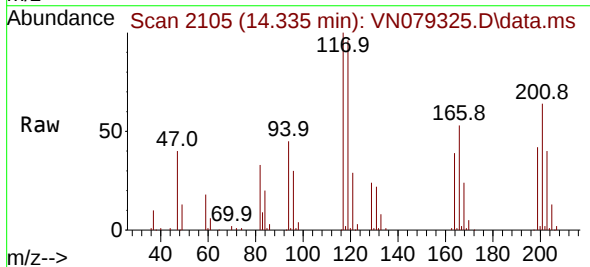
Instrument :
MSVOA_N
ClientSampleId :

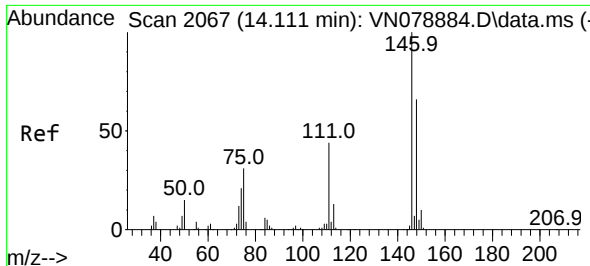
Tgt Ion: 91 Resp: 365799
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 23.4 12.6 37.6



#90
Hexachloroethane
Concen: 46.094 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

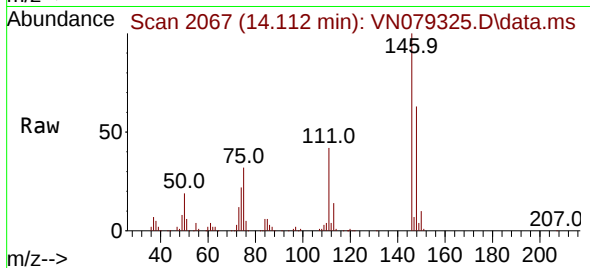
Tgt Ion: 117 Resp: 82594
Ion Ratio Lower Upper
117 100
201 65.2 29.3 88.0



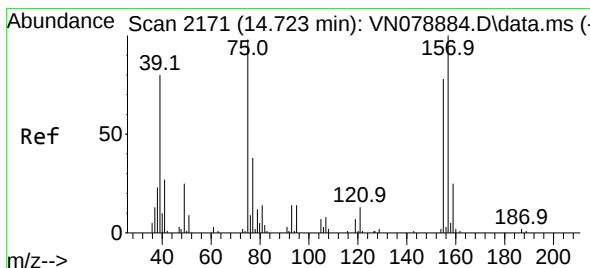
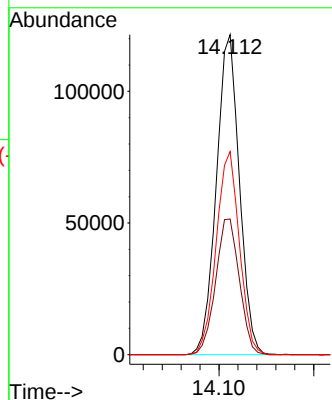
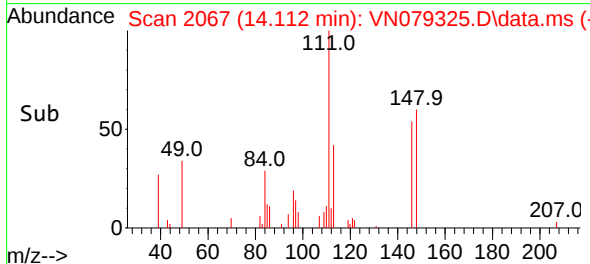


#91
1,2-Dichlorobenzene
Concen: 43.017 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

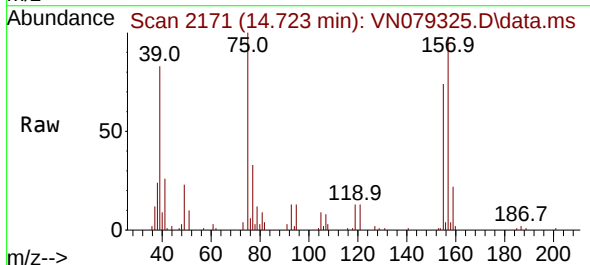
Instrument :
MSVOA_N
ClientSampleId :



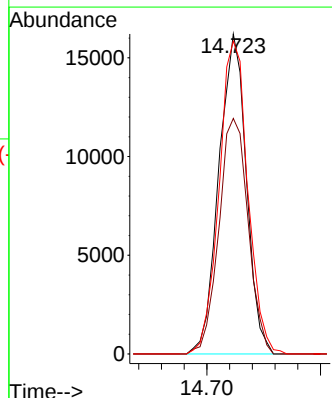
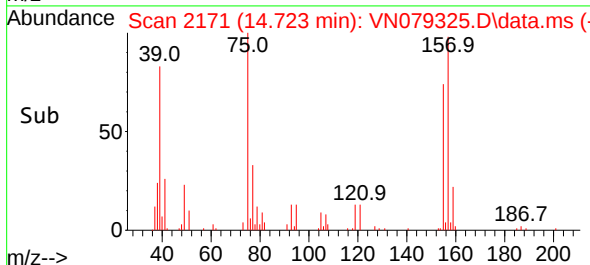
Tgt Ion:146 Resp: 205261
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.0 31.8 95.3

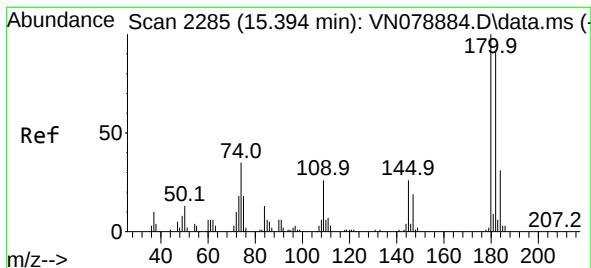


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.206 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33



Tgt Ion: 75 Resp: 27147
Ion Ratio Lower Upper
75 100
155 78.5 39.1 117.2
157 102.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 46.859 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

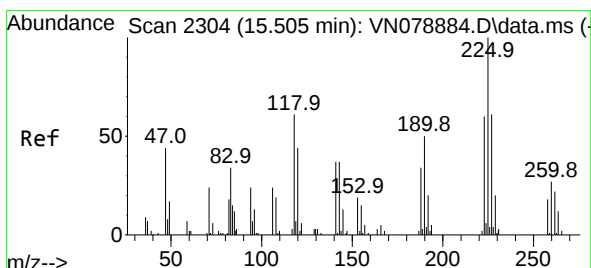
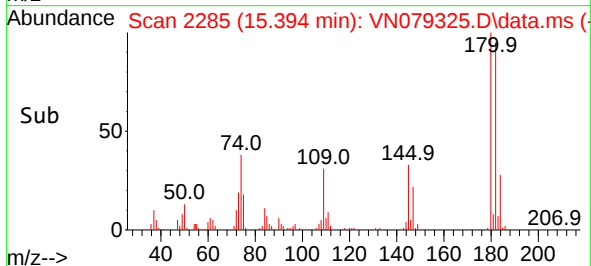
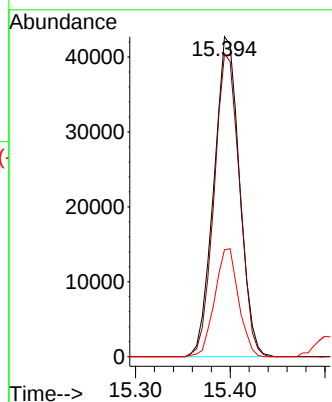
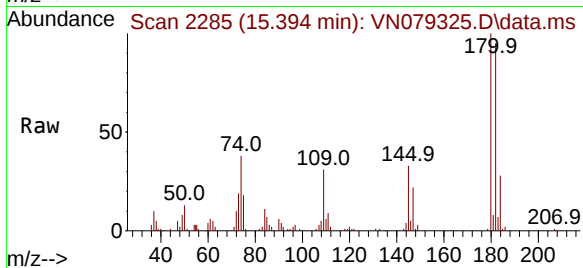
Tgt Ion:180 Resp: 80351

Ion Ratio Lower Upper

180 100

182 93.9 46.1 138.2

145 31.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 36.578 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079325.D

Acq: 21 Sep 2023 16:33

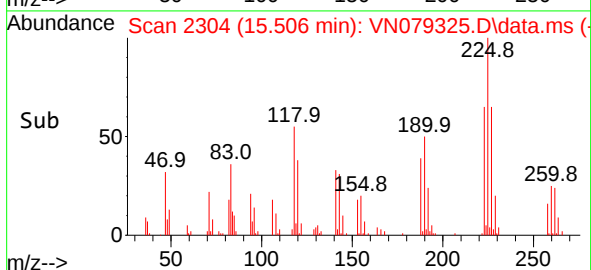
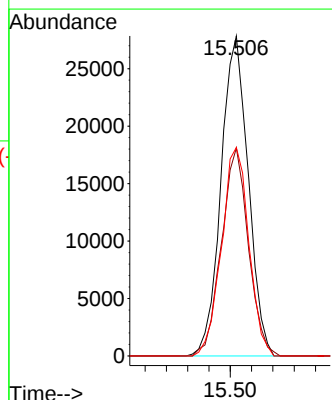
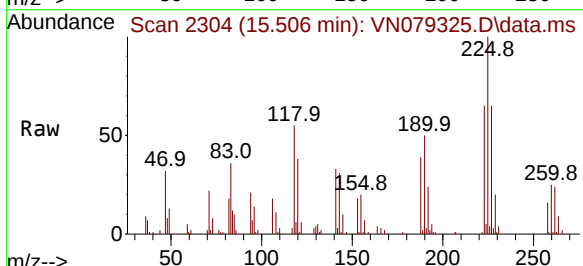
Tgt Ion:225 Resp: 49340

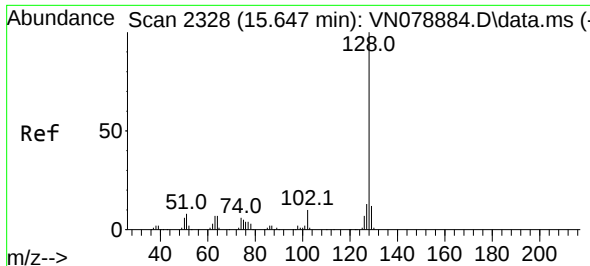
Ion Ratio Lower Upper

225 100

223 64.4 31.3 93.8

227 65.4 31.9 95.9

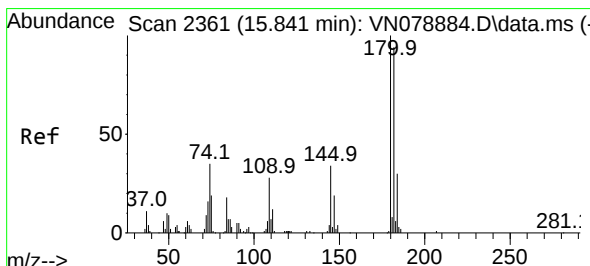
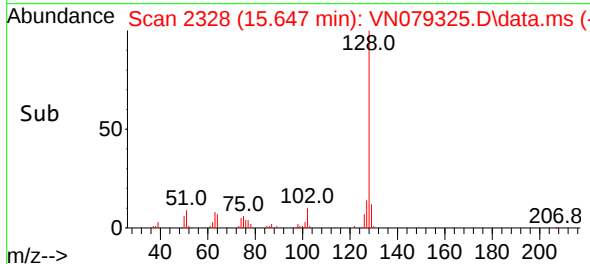
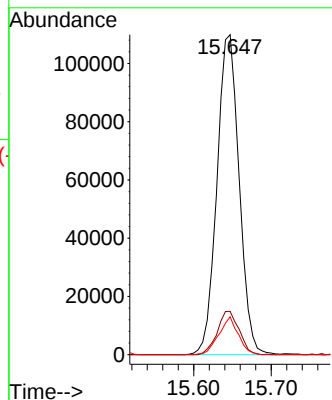
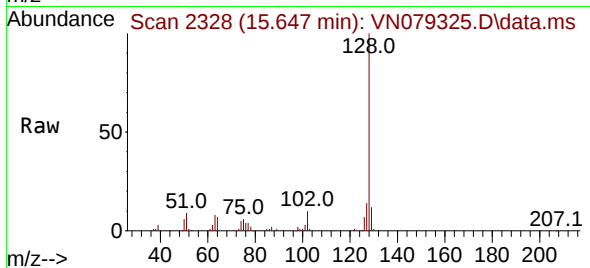




#95
Naphthalene
Concen: 42.979 ug/l
RT: 15.647 min Scan# 218886
Delta R.T. -0.000 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 218886
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 42.190 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079325.D
Acq: 21 Sep 2023 16:33

Tgt Ion:180 Resp: 85336
Ion Ratio Lower Upper
180 100
182 94.2 46.2 138.6
145 32.3 17.5 52.6

