

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079735.D
 Acq On : 31 Oct 2023 10:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 01:15:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Semsettin Yesilyurt 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	299487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	512535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	468443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	228797	47.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	8.171	113	182124	49.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.460%		
50) Toluene-d8	10.571	98	690112	50.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.100%		
62) 4-Bromofluorobenzene	12.853	95	224968	52.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	187242	47.361	ug/l	97
3) Chloromethane	2.365	50	214889	44.867	ug/l	98
4) Vinyl Chloride	2.518	62	231243	44.832	ug/l	99
5) Bromomethane	2.953	94	153930	45.463	ug/l	98
6) Chloroethane	3.124	64	176762	46.780	ug/l	99
7) Trichlorofluoromethane	3.500	101	286527	47.239	ug/l	99
8) Diethyl Ether	3.965	74	104218	47.480	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	164611	46.857	ug/l	99
10) Methyl Iodide	4.594	142	193799	54.812	ug/l	97
11) Tert butyl alcohol	5.512	59	122764	192.449	ug/l	100
12) 1,1-Dichloroethene	4.342	96	152339	46.297	ug/l #	78
13) Acrolein	4.183	56	144479	225.153	ug/l	96
14) Allyl chloride	5.030	41	242956	44.028	ug/l	90
15) Acrylonitrile	5.724	53	449798	229.147	ug/l	99
16) Acetone	4.430	43	476742	231.695	ug/l	91
17) Carbon Disulfide	4.718	76	456672	45.448	ug/l	100
18) Methyl Acetate	5.024	43	366970	44.206	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	523232	46.997	ug/l	94
20) Methylene Chloride	5.277	84	191752	47.061	ug/l #	82
21) trans-1,2-Dichloroethene	5.794	96	179600	48.087	ug/l #	85
22) Diisopropyl ether	6.677	45	601730	48.504	ug/l #	90
23) Vinyl Acetate	6.606	43	1615734	236.559	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	352936	47.477	ug/l	96
25) 2-Butanone	7.483	43	643082	227.528	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	271189	45.083	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	210693	48.995	ug/l	88
28) Bromochloromethane	7.812	49	181631	49.952	ug/l #	76
29) Tetrahydrofuran	7.841	42	395551	229.078	ug/l #	75
30) Chloroform	7.971	83	363027	48.497	ug/l	94
31) Cyclohexane	8.259	56	291916	44.490	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	305044	47.008	ug/l	94
36) 1,1-Dichloropropene	8.377	75	270608	49.807	ug/l	96
37) Ethyl Acetate	7.559	43	248855	46.210	ug/l #	90
38) Carbon Tetrachloride	8.365	117	264424	48.804	ug/l	96
39) Methylcyclohexane	9.606	83	258221	47.781	ug/l #	88
40) Benzene	8.606	78	806812	50.315	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	130404	46.428	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	283815	48.732	ug/l	98
43) Isopropyl Acetate	8.688	43	403016	46.811	ug/l #	92
44) Trichloroethene	9.359	130	189233	48.717	ug/l	98
45) 1,2-Dichloropropane	9.624	63	213455	50.119	ug/l	99
46) Dibromomethane	9.712	93	140449	48.895	ug/l	96
47) Bromodichloromethane	9.894	83	284185	49.318	ug/l	96
48) Methyl methacrylate	9.682	41	192559	48.243	ug/l #	83
49) 1,4-Dioxane	9.700	88	65105	926.912	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1257368	234.720	ug/l	90
52) Toluene	10.635	92	492073	50.266	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	292623	50.289	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	321485	50.499	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	188397	48.662	ug/l	94
56) Ethyl methacrylate	10.876	69	279054	51.038	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	338186	49.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	488994	242.753	ug/l	89
59) 2-Hexanone	11.200	43	940975	238.897	ug/l	87
60) Dibromochloromethane	11.359	129	202432	50.530	ug/l	98
61) 1,2-Dibromoethane	11.476	107	186366	48.317	ug/l	99
64) Tetrachloroethene	11.106	164	158583	47.721	ug/l	97
65) Chlorobenzene	11.894	112	509586	49.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	191743	49.770	ug/l	97
67) Ethyl Benzene	11.965	91	935787	51.231	ug/l	96
68) m/p-Xylenes	12.076	106	710560	105.175	ug/l	94
69) o-Xylene	12.400	106	339877	52.317	ug/l	93
70) Styrene	12.412	104	562825	54.084	ug/l	97
71) Bromoform	12.582	173	133322	48.315	ug/l #	100
73) Isopropylbenzene	12.700	105	861461	45.404	ug/l	100
74) N-amyl acetate	12.500	43	331100	43.875	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	278743	41.498	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	244466m	42.980	ug/l	
77) Bromobenzene	12.982	156	199121	44.627	ug/l	96
78) n-propylbenzene	13.041	91	1033371	47.281	ug/l	97
79) 2-Chlorotoluene	13.129	91	614202	45.082	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	716879	46.353	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	80349	42.611	ug/l #	84
82) 4-Chlorotoluene	13.223	91	610345	46.641	ug/l	99
83) tert-Butylbenzene	13.441	119	571013	45.050	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	714960	47.918	ug/l	99
85) sec-Butylbenzene	13.617	105	814016	46.042	ug/l	100
86) p-Isopropyltoluene	13.735	119	668283	47.458	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	353643	46.850	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	344382	45.797	ug/l	99
89) n-Butylbenzene	14.059	91	541046	48.361	ug/l	97
90) Hexachloroethane	14.335	117	130650	43.911	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	338278	46.076	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43509	42.000	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	108939	49.781	ug/l	98
94) Hexachlorobutadiene	15.506	225	77172	39.744	ug/l	98
95) Naphthalene	15.647	128	266653	41.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110225	45.105	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

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

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Manual Integrations

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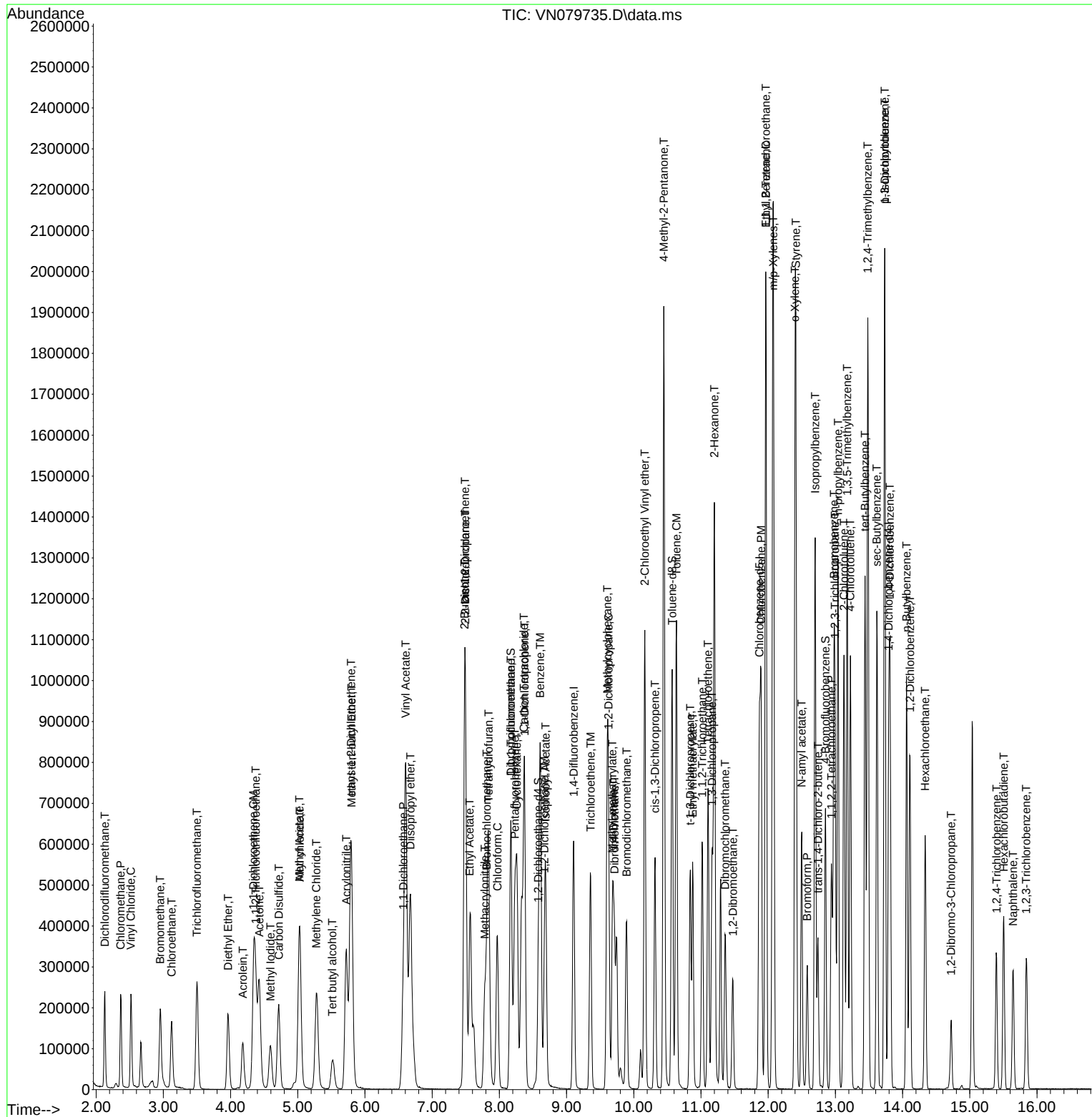
Quant Time: Nov 01 01:15:29 2023

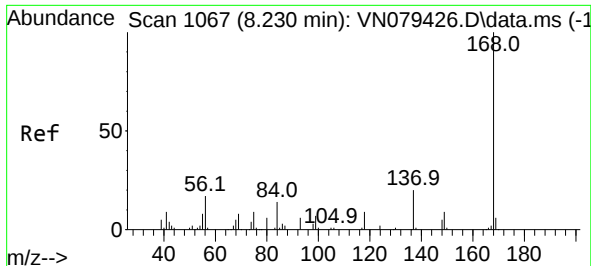
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Quant Title : SW846 8260

QLast Update : Tue Oct 31 07:23:24 2023

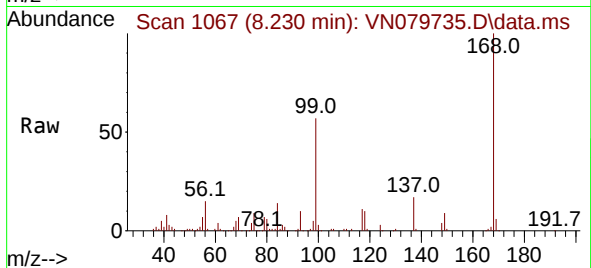
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079735.D
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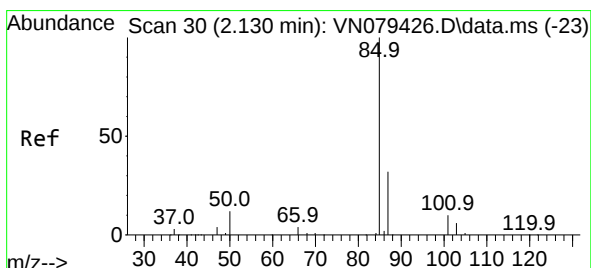
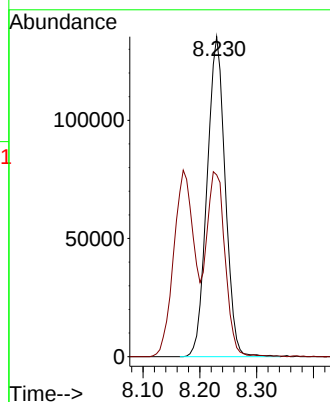
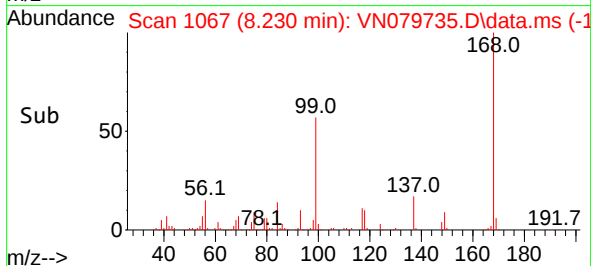
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



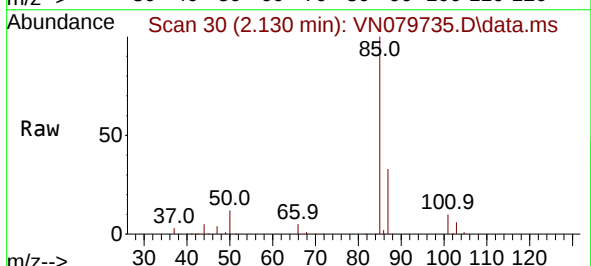
Tgt Ion:168 Resp: 29948
Ion Ratio Lower Upper
168 100
99 56.6 53.0 79.6

Manual Integrations
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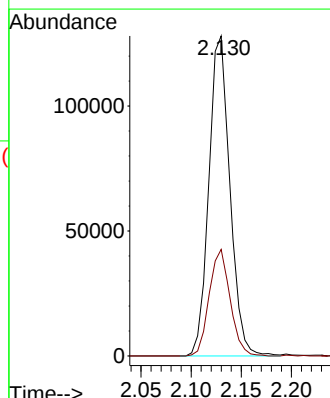
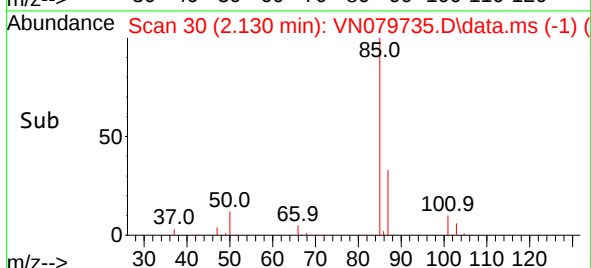
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

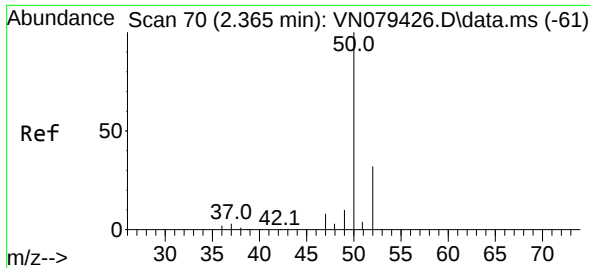


#2
Dichlorodifluoromethane
Concen: 47.361 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



Tgt Ion: 85 Resp: 187242
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





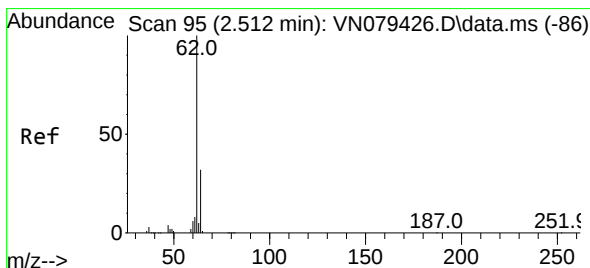
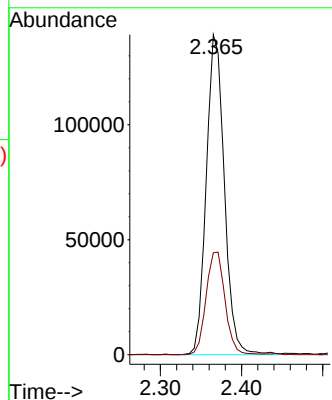
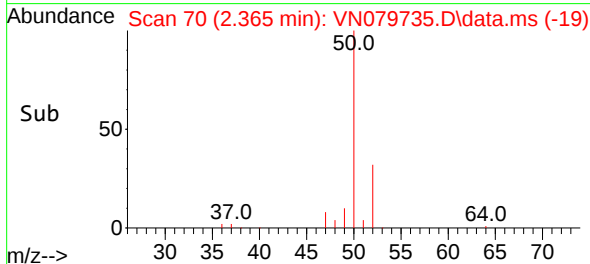
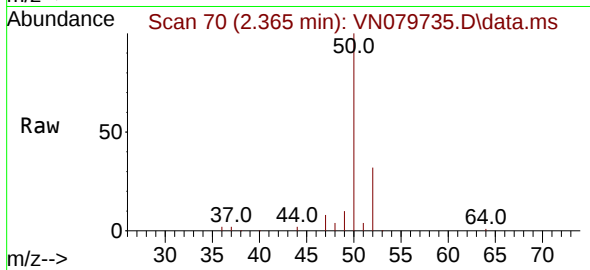
#3
Chloromethane
Concen: 44.867 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 214889
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7

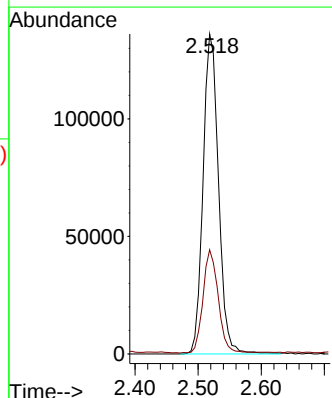
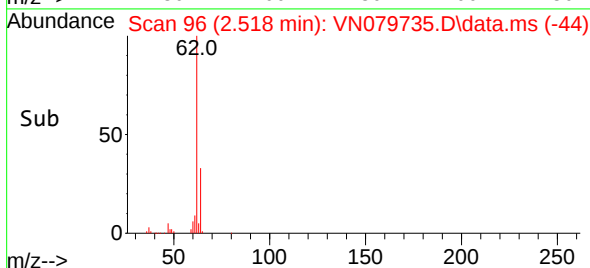
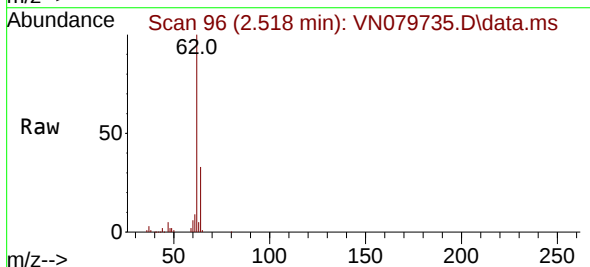
Manual Integrations
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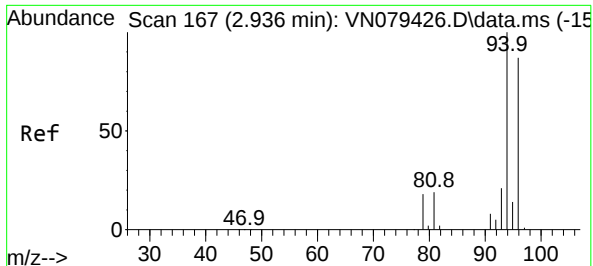
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#4
Vinyl Chloride
Concen: 44.832 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion: 62 Resp: 231243
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5

Bromomethane

Concen: 45.463 ug/l

RT: 2.953 min Scan# 11

Delta R.T. 0.017 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 153930

Ion Ratio Lower Upper

94 100

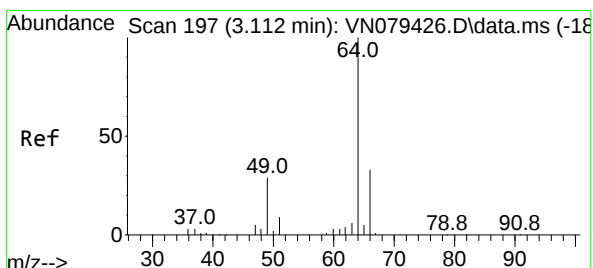
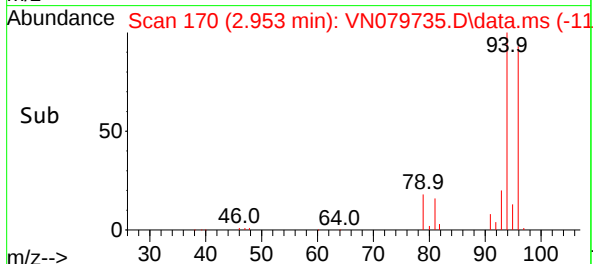
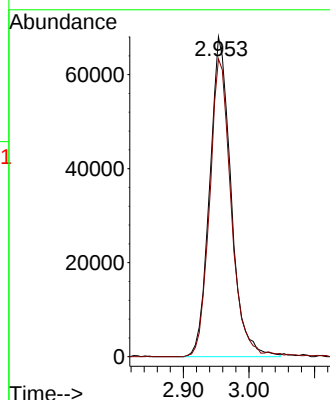
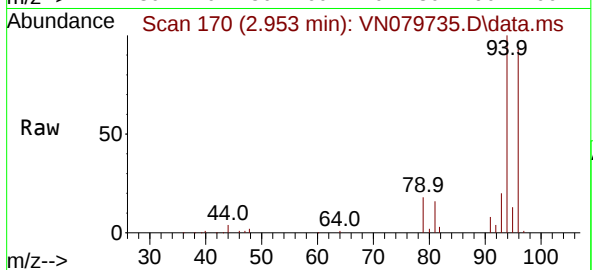
96 93.0 73.1 109.7

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#6

Chloroethane

Concen: 46.780 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

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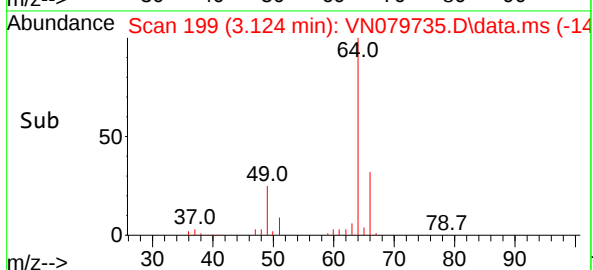
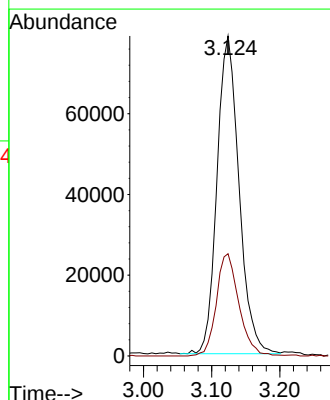
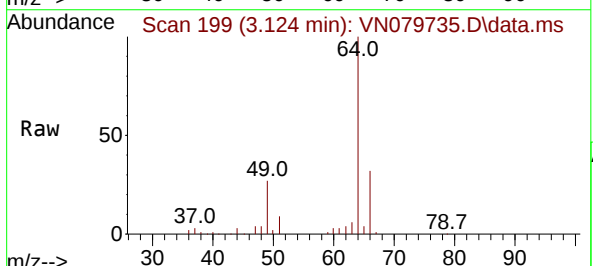
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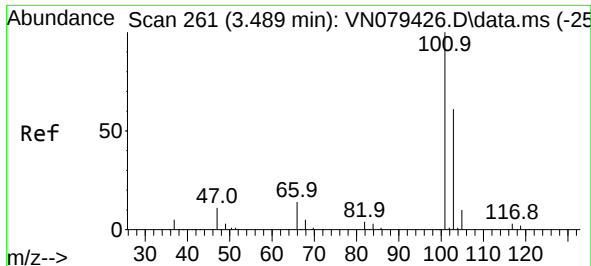
Tgt Ion: 64 Resp: 176762

Ion Ratio Lower Upper

64 100

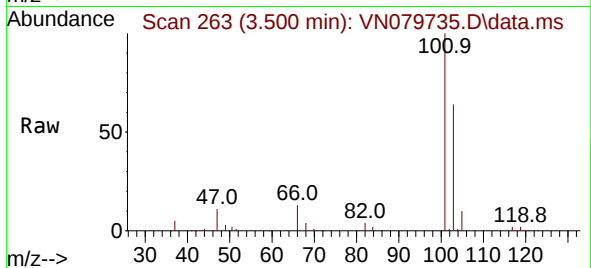
66 32.2 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.239 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.011 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

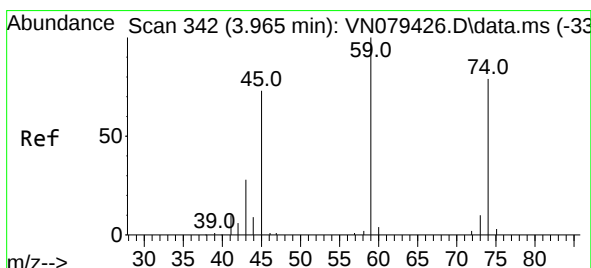
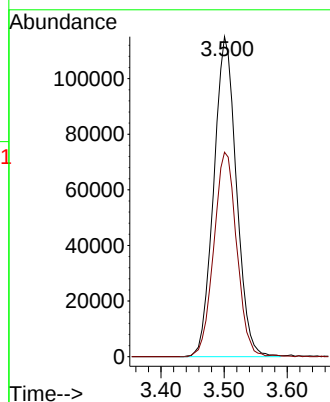
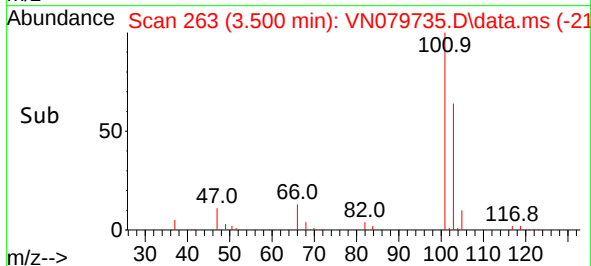
Instrument :
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Tgt Ion:101 Resp: 28652
Ion Ratio Lower Upper
101 100
103 63.9 50.7 76.1

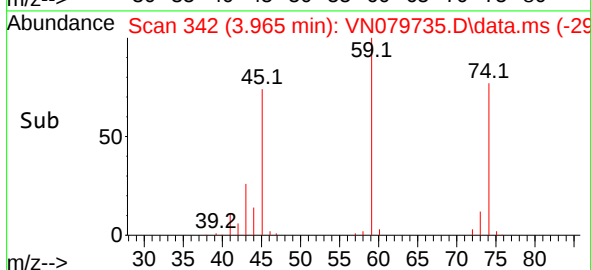
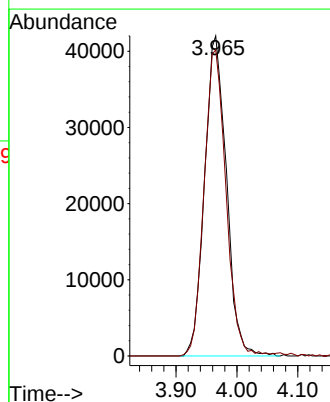
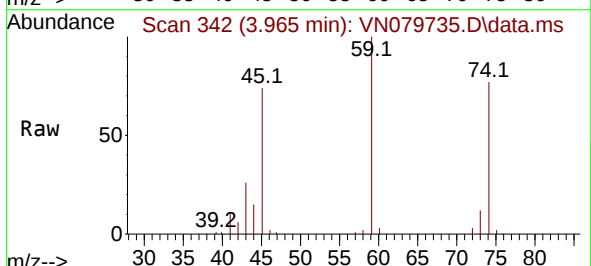
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#8
Diethyl Ether
Concen: 47.480 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion: 74 Resp: 104218
Ion Ratio Lower Upper
74 100
45 96.1 34.4 103.3





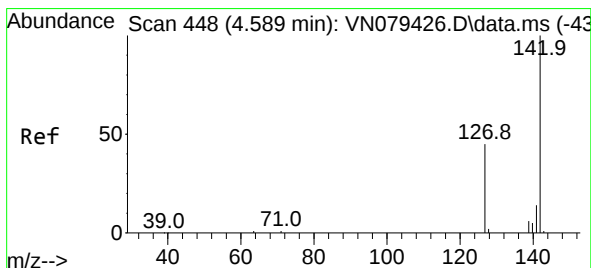
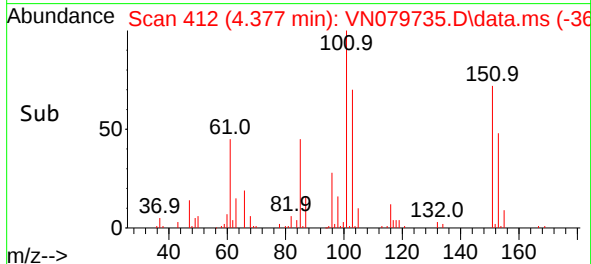
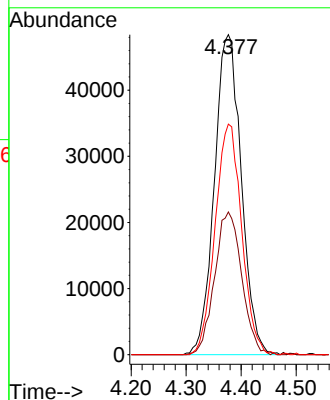
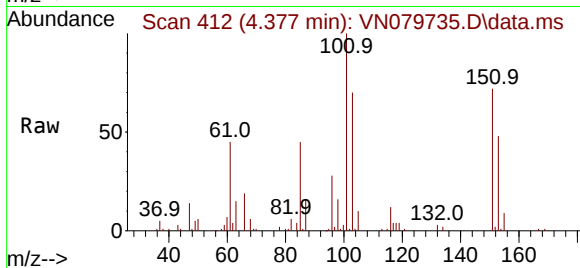
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.857 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16461
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 71.1 57.6 86.4

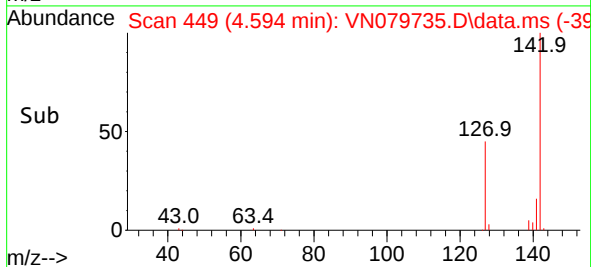
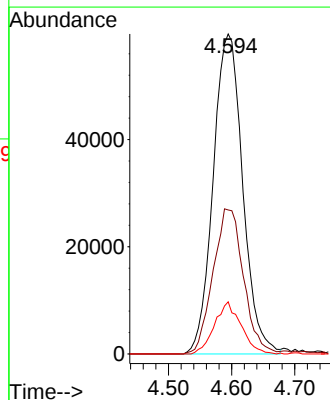
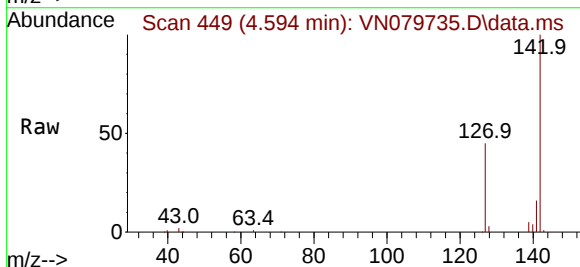
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#10
Methyl Iodide
Concen: 54.812 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion:142 Resp: 193799
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 16.3 11.4 17.0





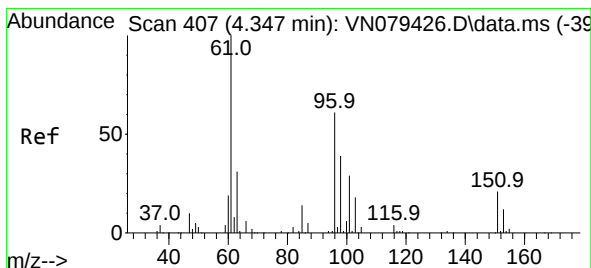
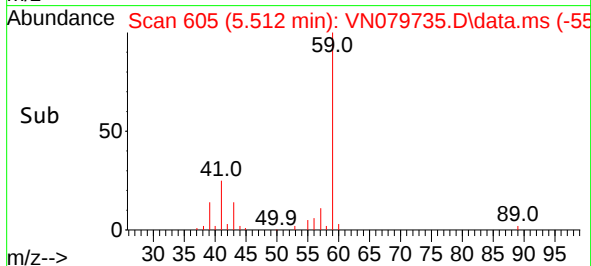
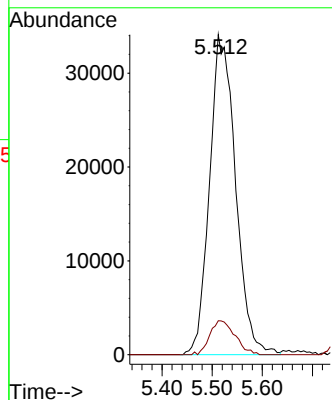
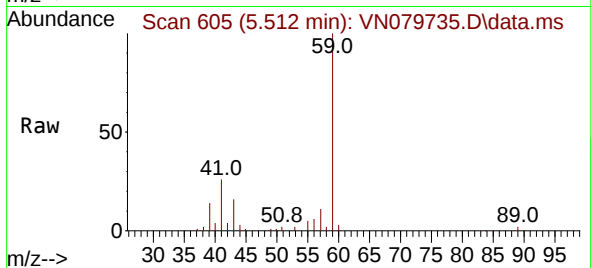
#11
Tert butyl alcohol
Concen: 192.449 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 122764
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

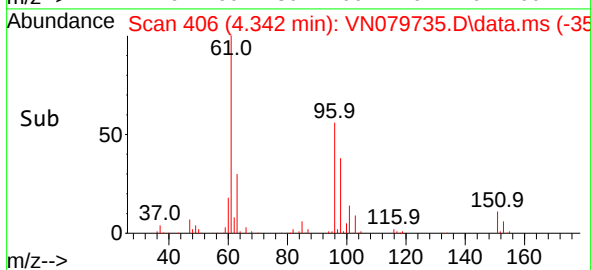
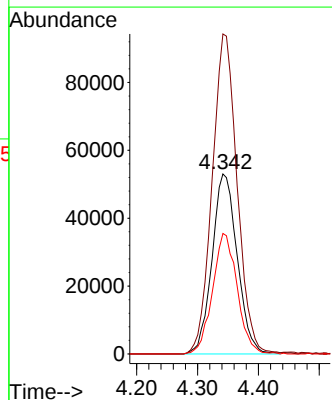
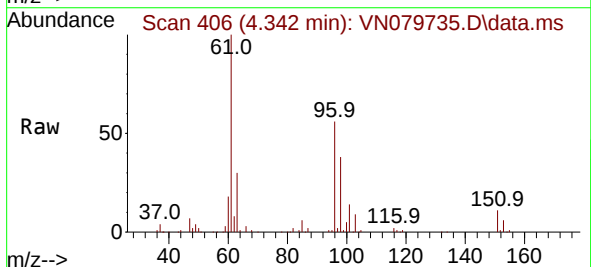
Manual Integrations
APPROVED

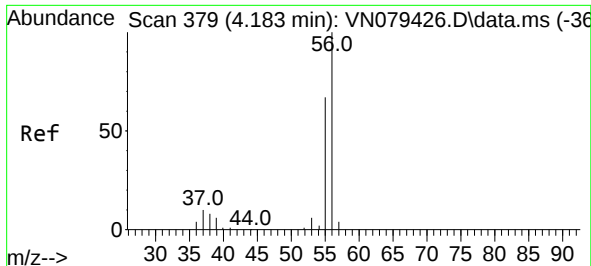
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#12
1,1-Dichloroethene
Concen: 46.297 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

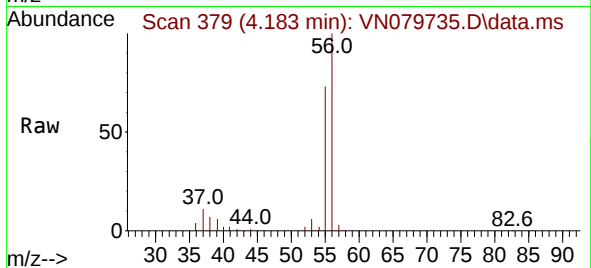
Tgt Ion: 96 Resp: 152339
Ion Ratio Lower Upper
96 100
61 177.8 112.7 169.1#
98 67.0 51.2 76.8





#13
Acrolein
Concen: 225.153 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

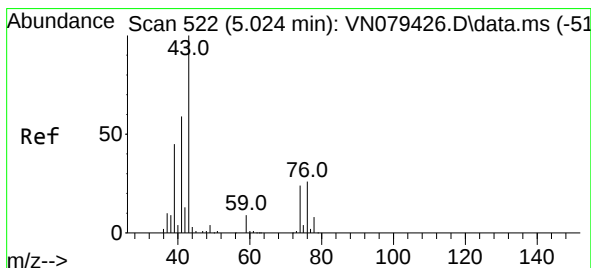
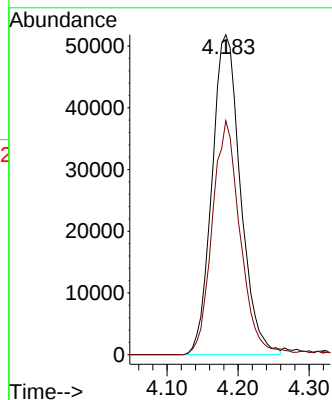
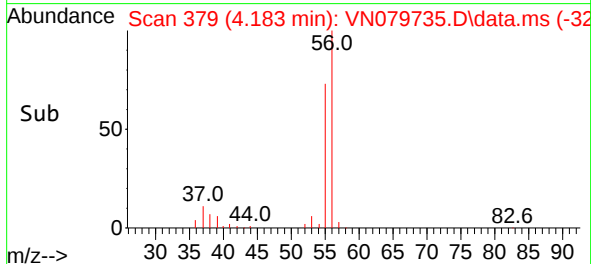
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 144479
Ion Ratio Lower Upper
56 100
55 71.6 54.5 81.7

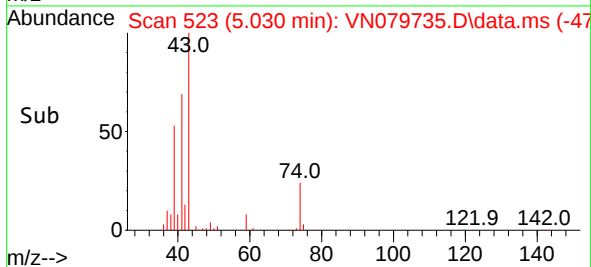
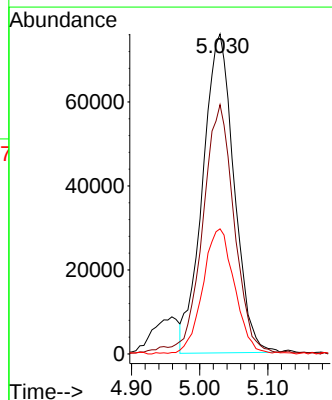
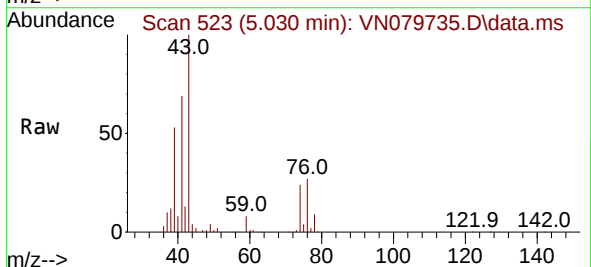
Manual Integrations
APPROVED

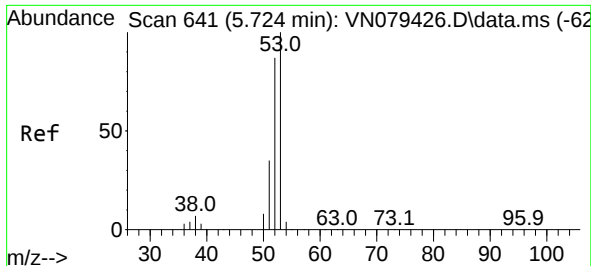
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#14
Allyl chloride
Concen: 44.028 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

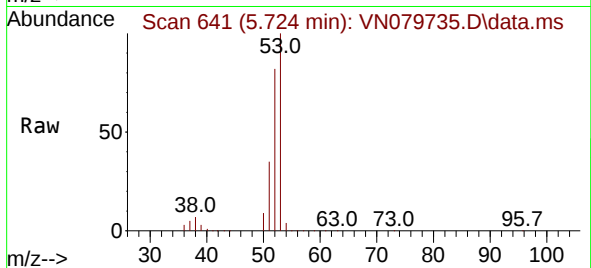
Tgt Ion: 41 Resp: 242956
Ion Ratio Lower Upper
41 100
39 79.5 58.8 88.2
76 39.9 39.1 58.7





#15
Acrylonitrile
Concen: 229.147 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

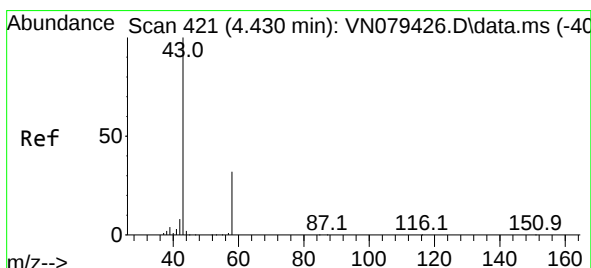
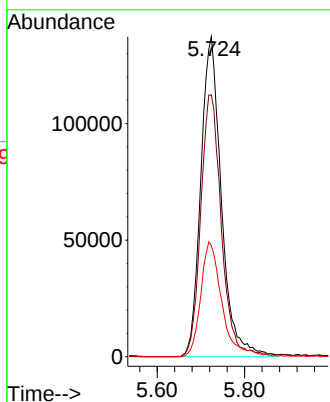
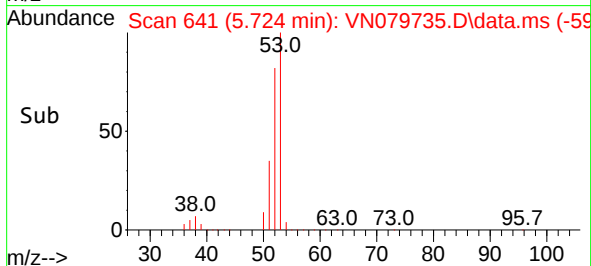
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



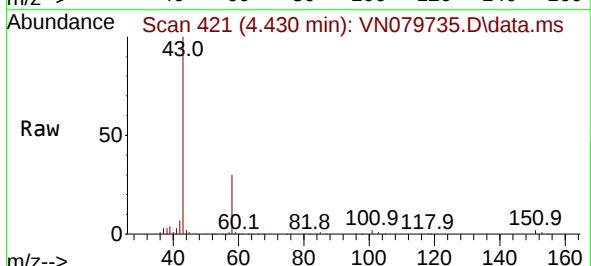
Tgt Ion: 53 Resp: 449798
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.8 28.9 43.3

Manual Integrations
APPROVED

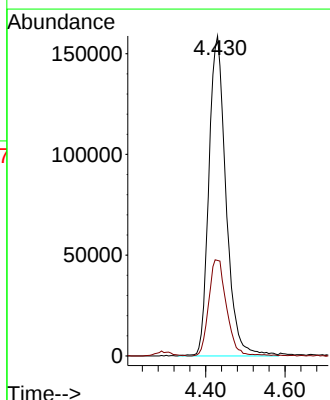
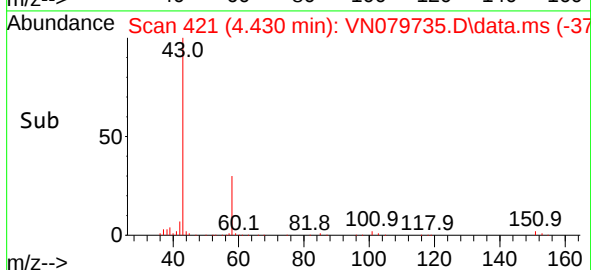
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

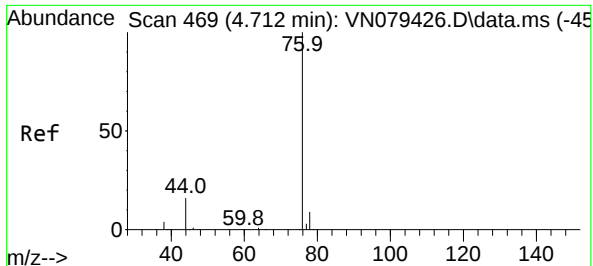


#16
Acetone
Concen: 231.695 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



Tgt Ion: 43 Resp: 476742
Ion Ratio Lower Upper
43 100
58 29.7 28.0 42.0





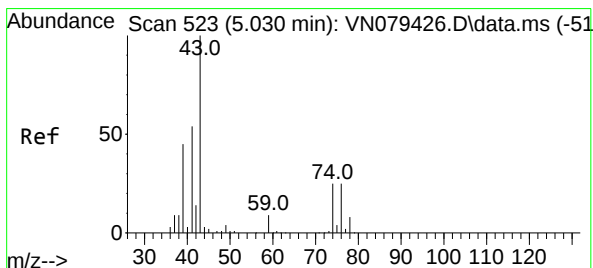
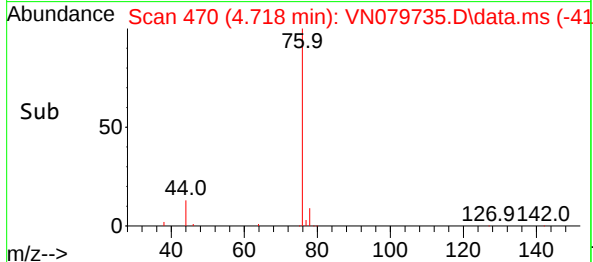
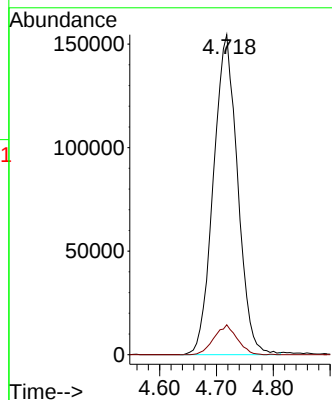
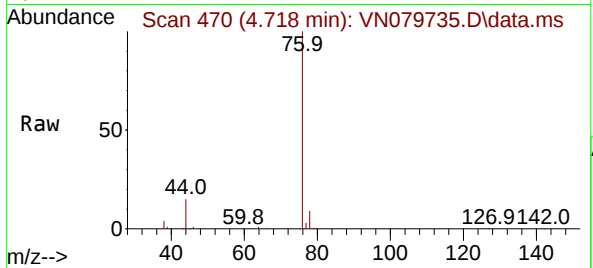
#17
Carbon Disulfide
Concen: 45.448 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 456672
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

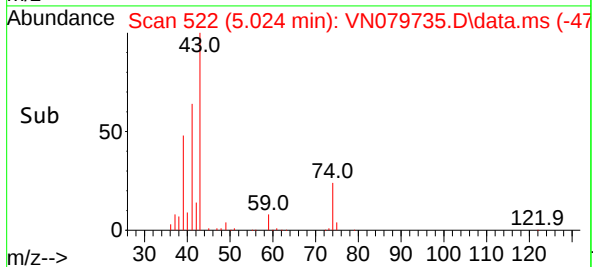
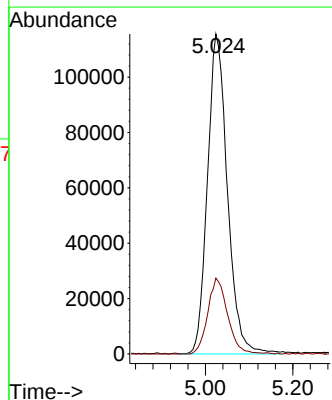
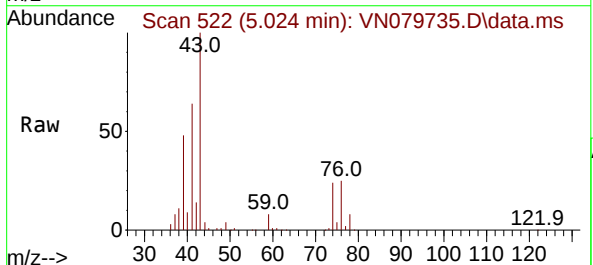
Manual Integrations
APPROVED

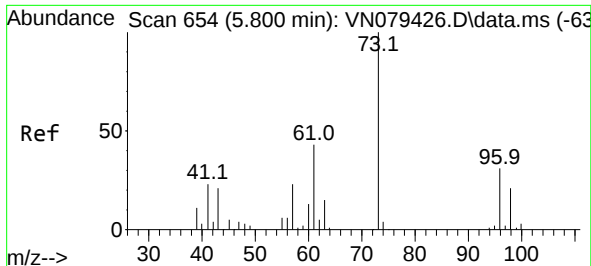
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#18
Methyl Acetate
Concen: 44.206 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

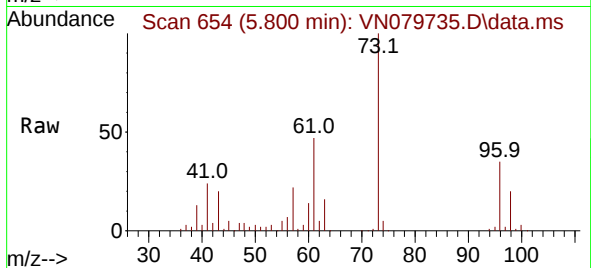
Tgt Ion: 43 Resp: 366970
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 46.997 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

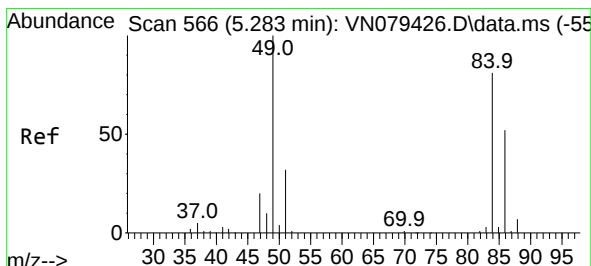
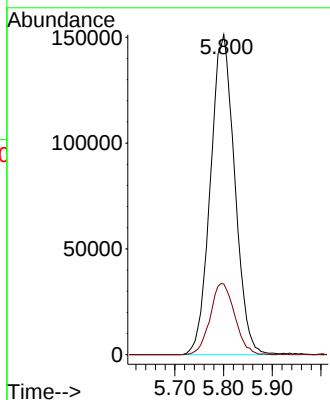
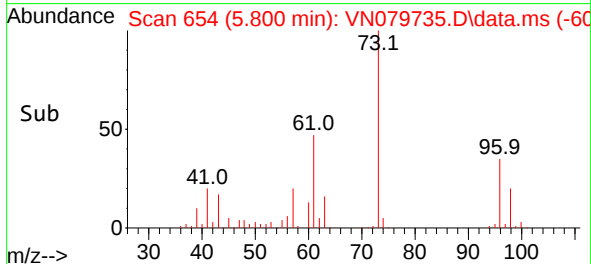
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



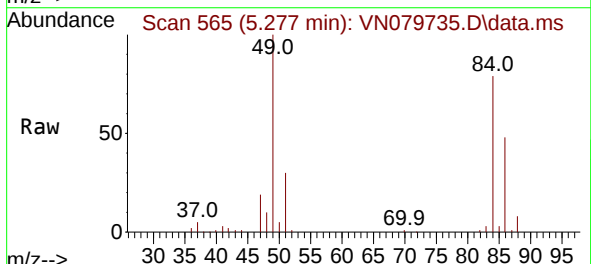
Tgt Ion: 73 Resp: 52323
Ion Ratio Lower Upper
73 100
57 22.1 15.6 23.4

Manual Integrations
APPROVED

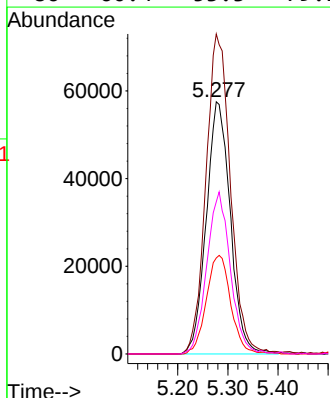
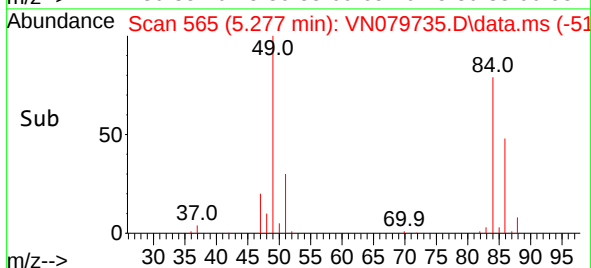
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

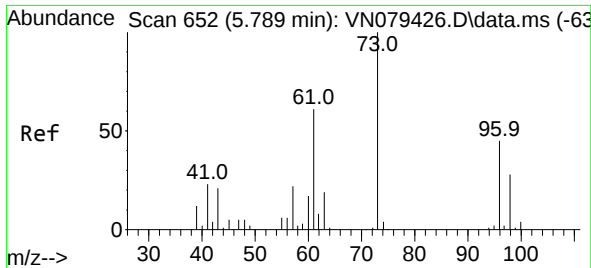


#20
Methylene Chloride
Concen: 47.061 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



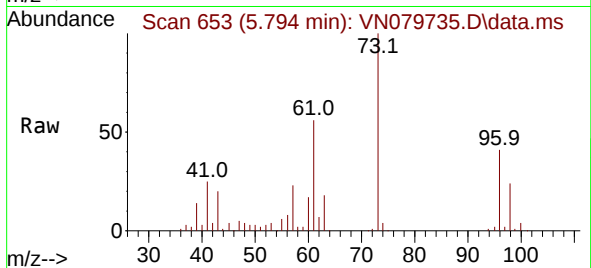
Tgt Ion: 84 Resp: 191752
Ion Ratio Lower Upper
84 100
49 126.9 79.7 119.5#
51 38.1 25.2 37.8#
86 60.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.087 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.005 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

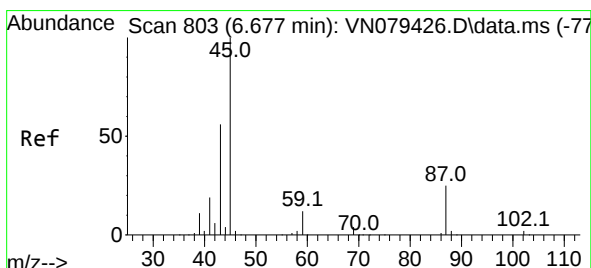
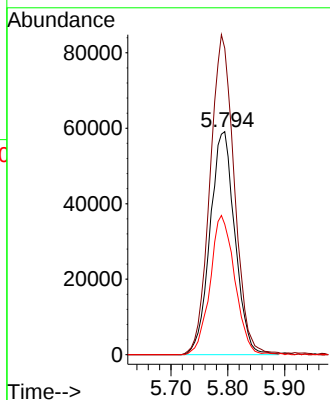
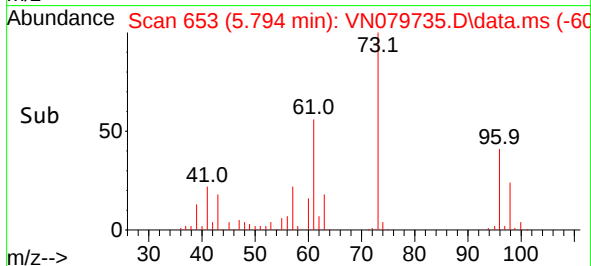
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 179600
Ion Ratio Lower Upper
96 100
61 137.4 90.1 135.1
98 58.5 46.4 69.6

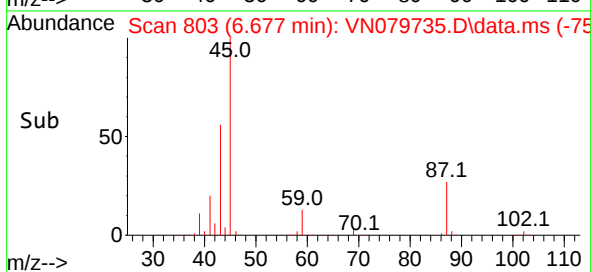
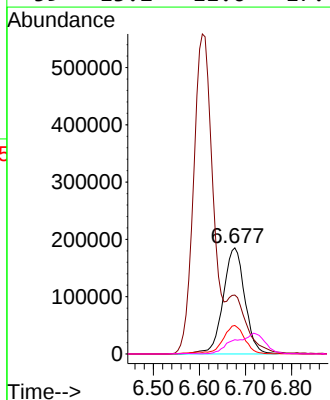
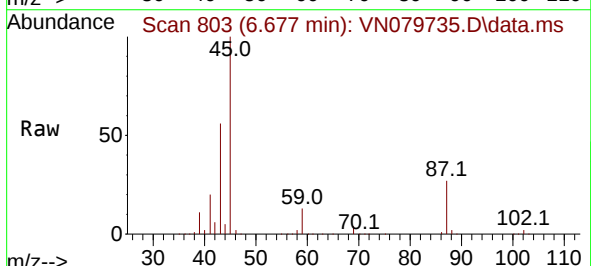
Manual Integrations
APPROVED

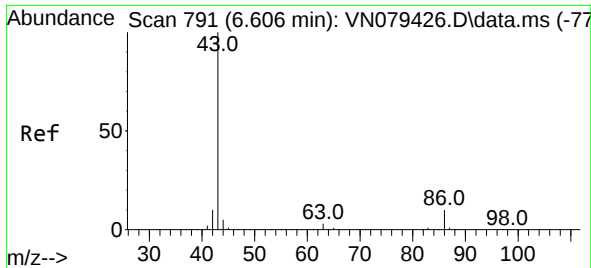
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#22
Diisopropyl ether
Concen: 48.504 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion: 45 Resp: 601730
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 26.6 31.8 47.8
59 13.2 11.6 17.4





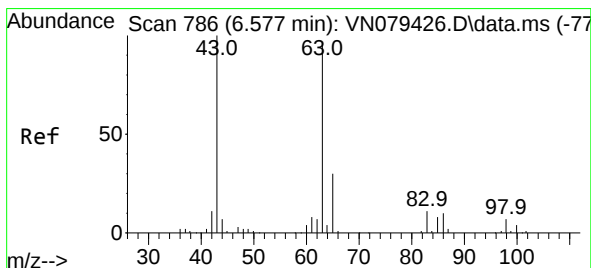
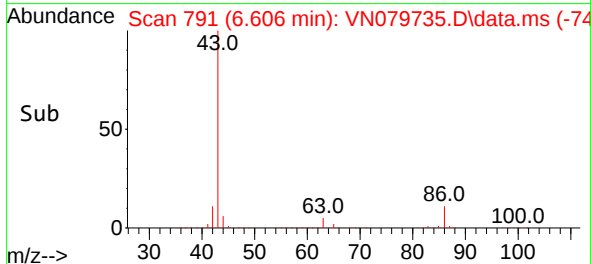
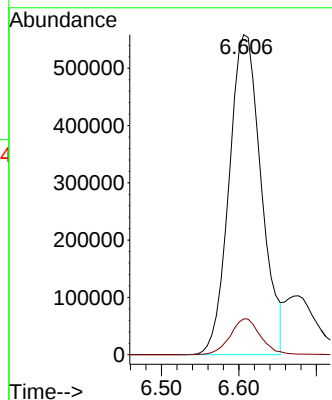
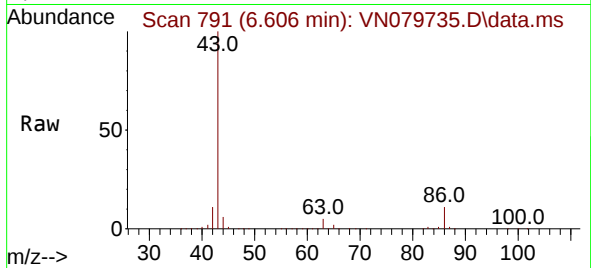
#23
 Vinyl Acetate
 Concen: 236.559 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079735.D
 Acq: 31 Oct 2023 10:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1615734
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6

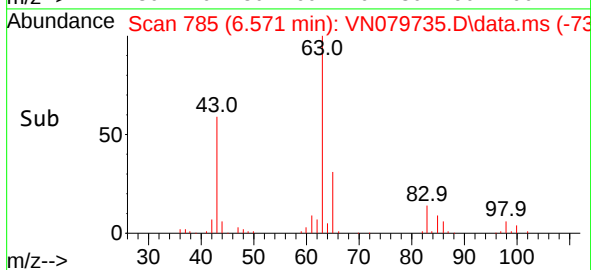
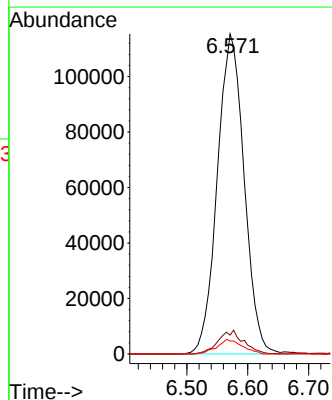
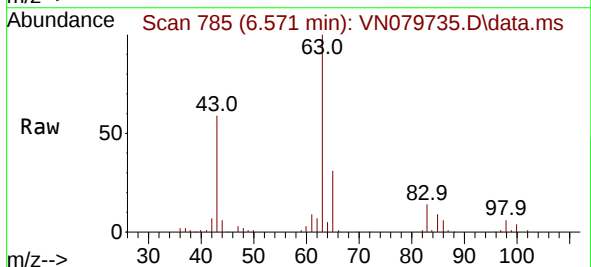
Manual Integrations
 APPROVED

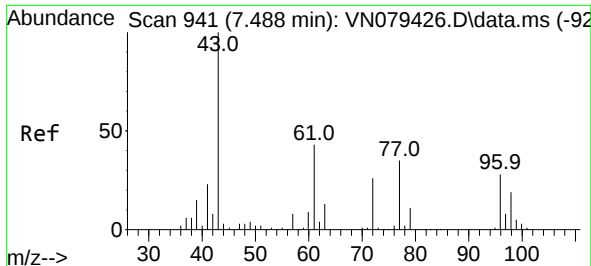
Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023



#24
 1,1-Dichloroethane
 Concen: 47.477 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079735.D
 Acq: 31 Oct 2023 10:39

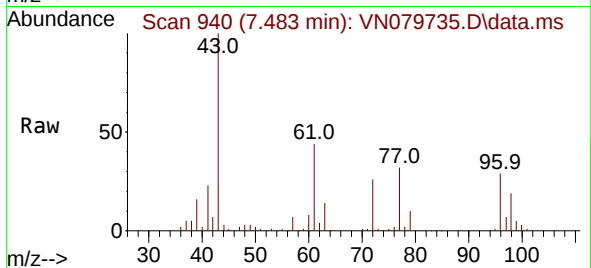
Tgt Ion: 63 Resp: 352936
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 227.528 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

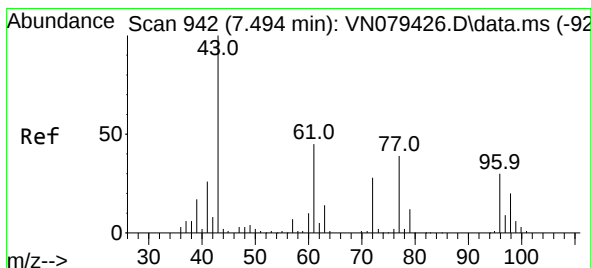
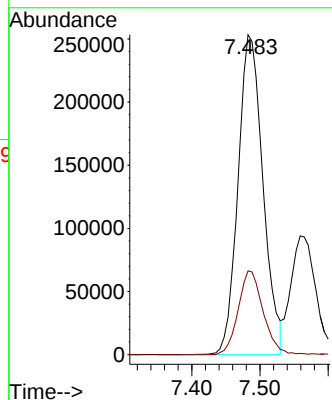
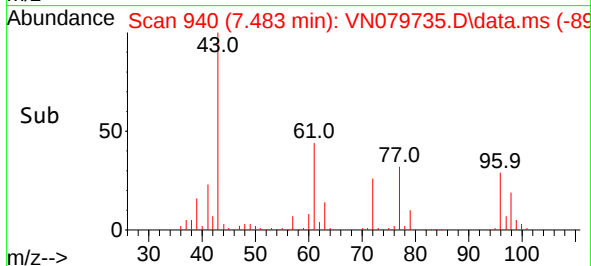
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 64308
Ion Ratio Lower Upper
43 100
72 26.2 30.2 45.2

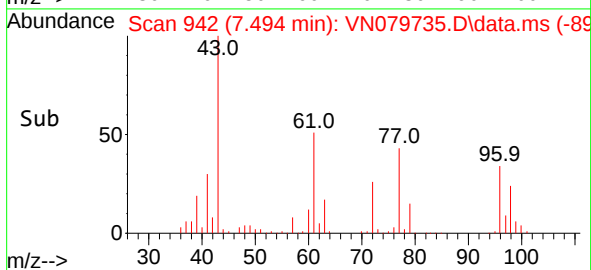
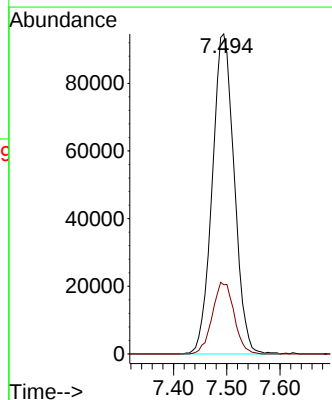
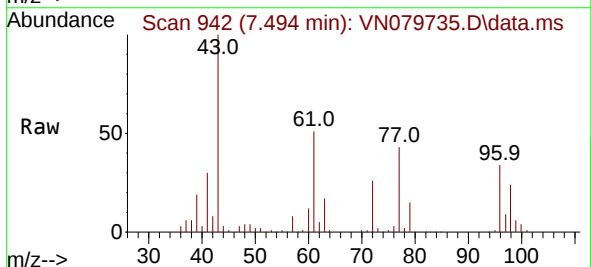
Manual Integrations
APPROVED

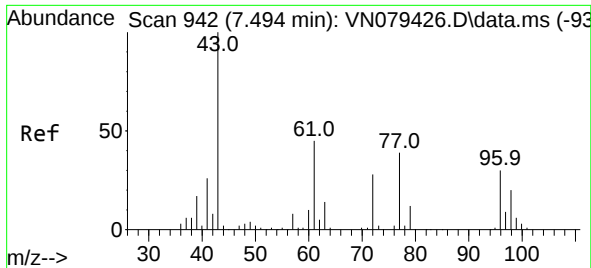
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#26
2,2-Dichloropropane
Concen: 45.083 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

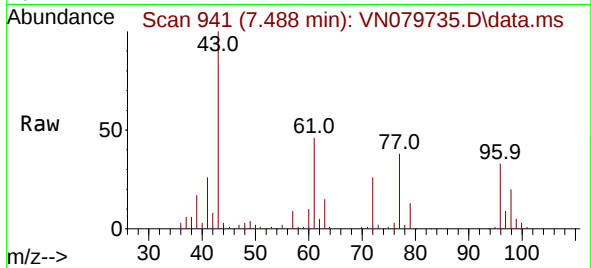
Tgt Ion: 77 Resp: 271189
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 48.995 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

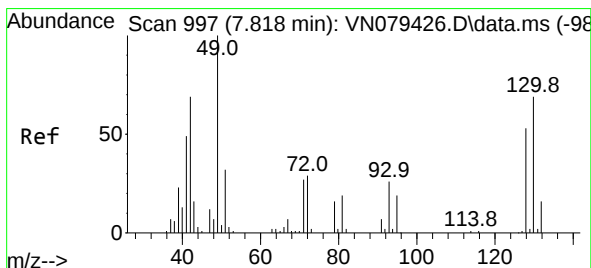
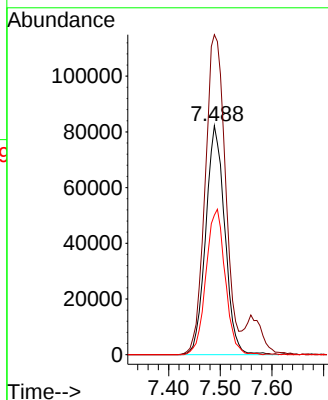
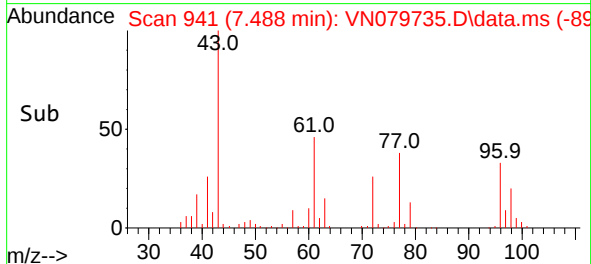
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 21069
Ion Ratio Lower Upper
96 100
61 149.0 0.0 255.2
98 64.1 0.0 128.8

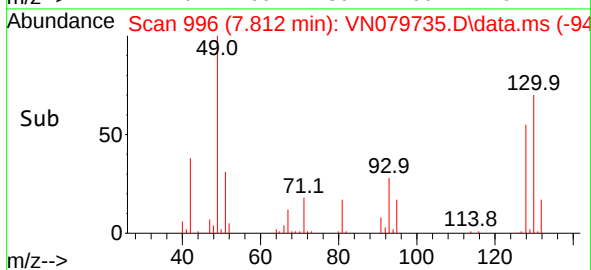
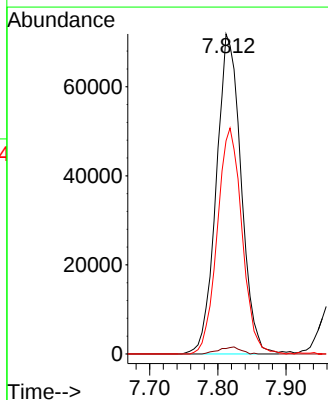
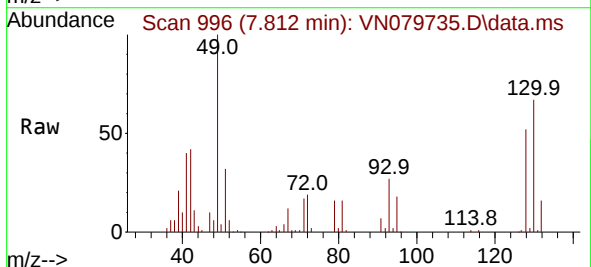
Manual Integrations
APPROVED

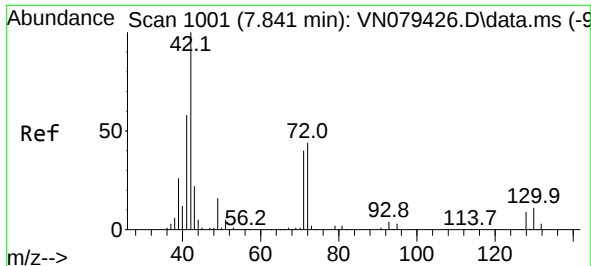
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#28
Bromochloromethane
Concen: 49.952 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion: 49 Resp: 181631
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 70.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 229.078 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

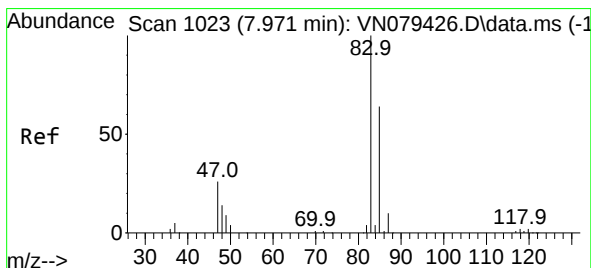
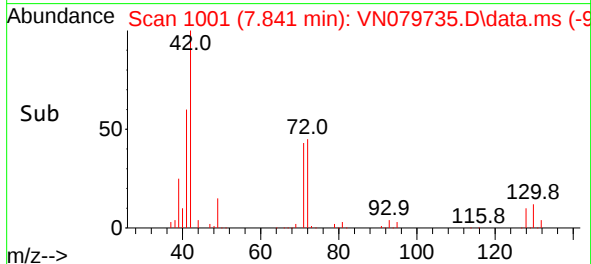
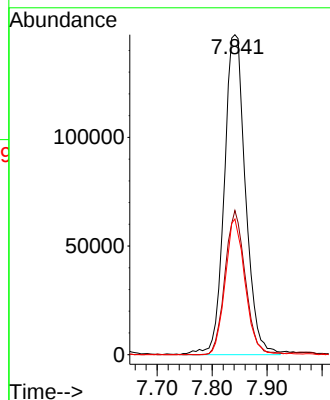
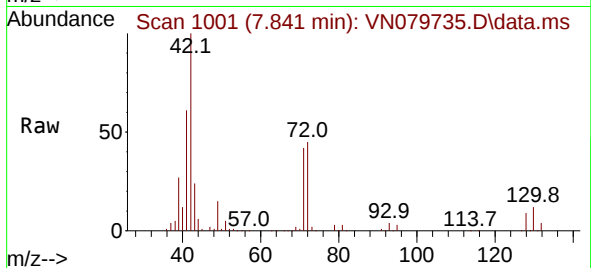
Tgt Ion: 42 Resp: 39555
 Ion Ratio Lower Upper
 42 100
 72 43.0 49.8 74.6
 71 40.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#30

Chloroform

Concen: 48.497 ug/l

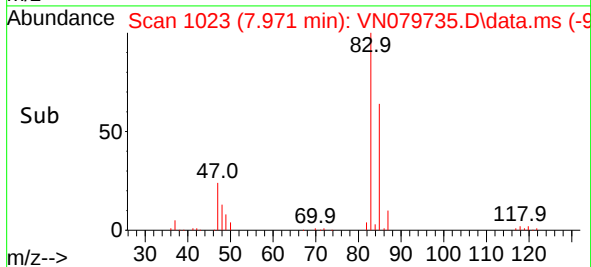
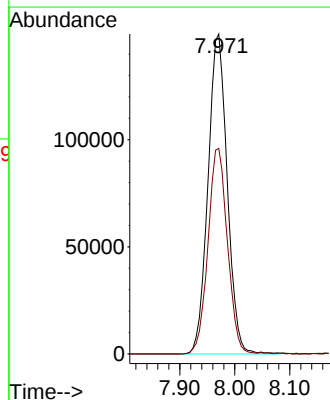
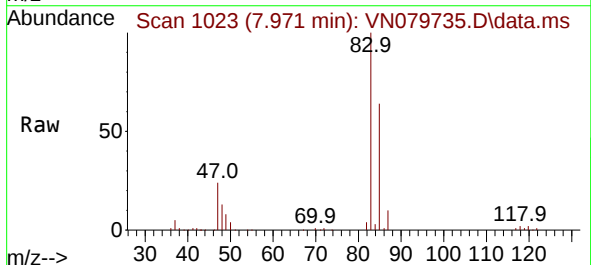
RT: 7.971 min Scan# 1023

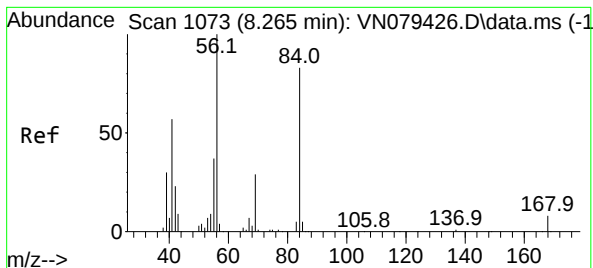
Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Tgt Ion: 83 Resp: 363027
 Ion Ratio Lower Upper
 83 100
 85 64.2 55.4 83.0





#31

Cyclohexane

Concen: 44.490 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

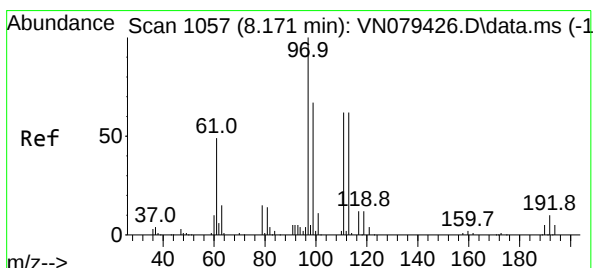
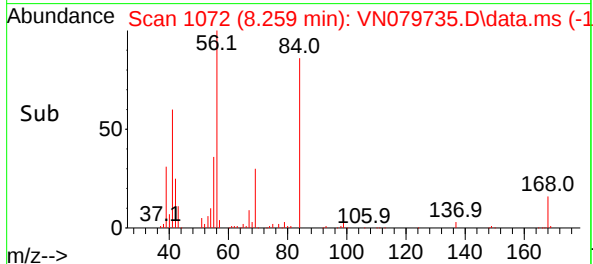
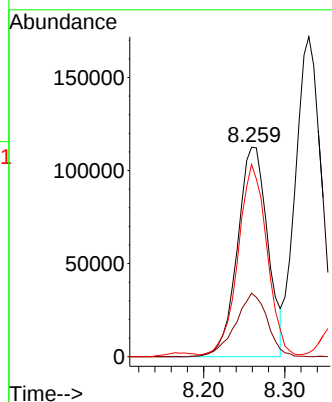
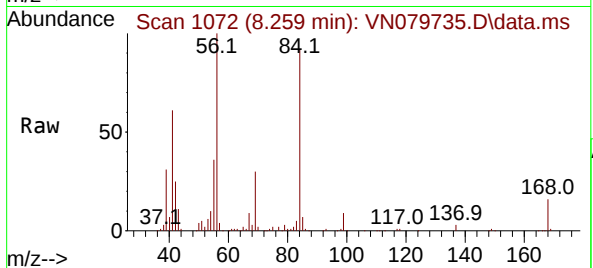
Tgt Ion: 56 Resp: 291910
 Ion Ratio Lower Upper
 56 100
 69 30.3 26.8 40.2
 84 90.2 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#32

1,1,1-Trichloroethane

Concen: 47.008 ug/l

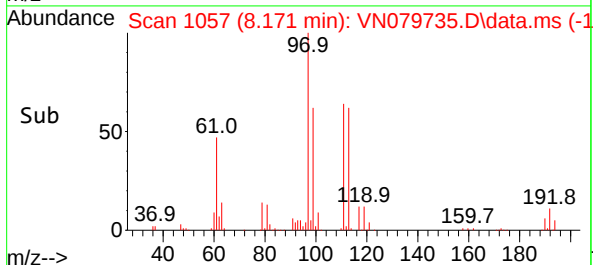
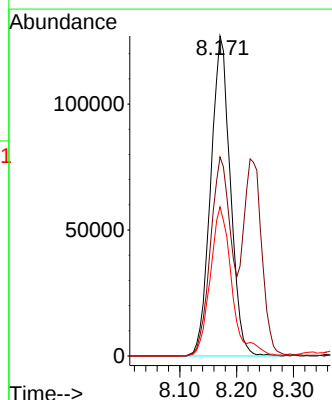
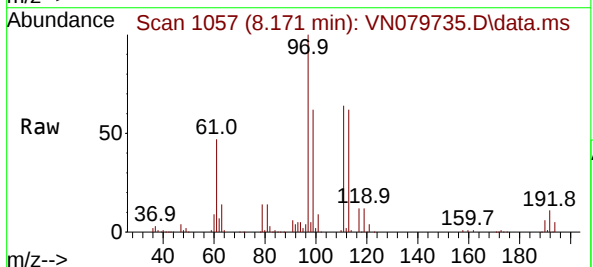
RT: 8.171 min Scan# 1057

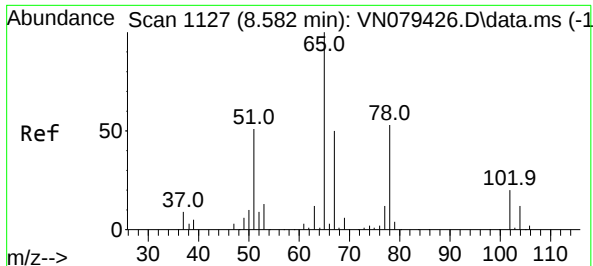
Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Tgt Ion: 97 Resp: 305044
 Ion Ratio Lower Upper
 97 100
 99 64.9 50.3 75.5
 61 51.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.573 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22879

Ion Ratio Lower Upper

65 100

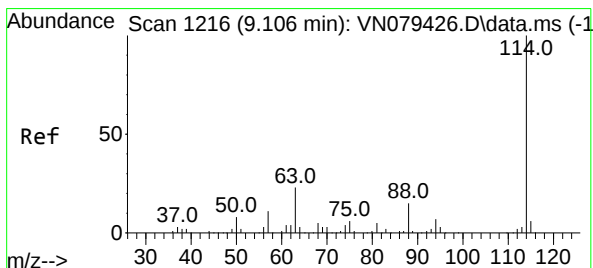
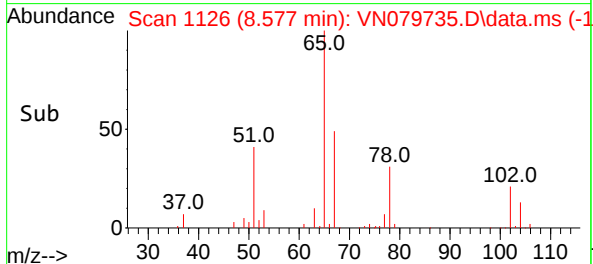
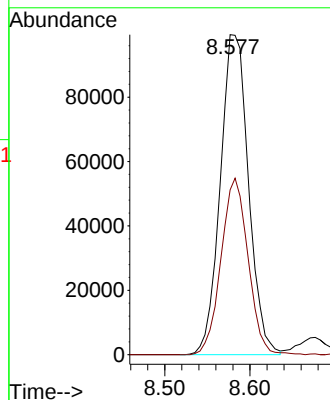
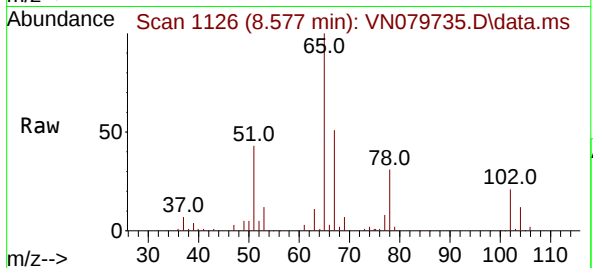
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

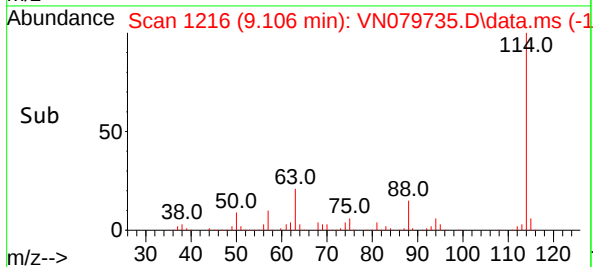
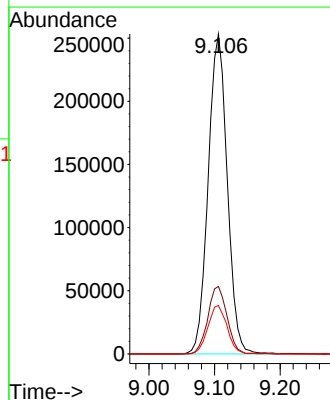
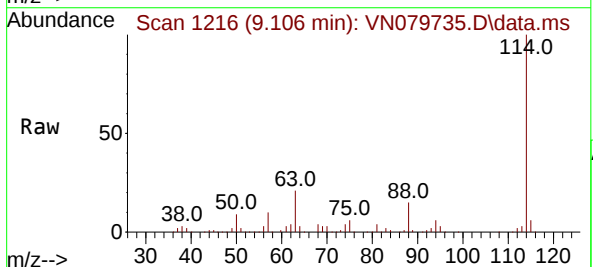
Tgt Ion:114 Resp: 512535

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.729 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 182124

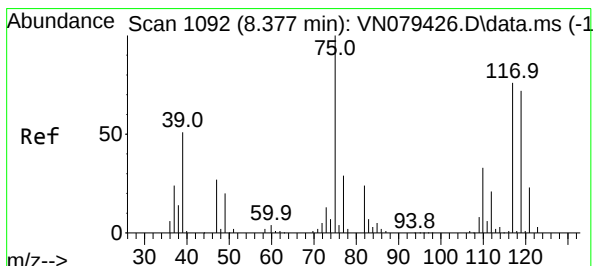
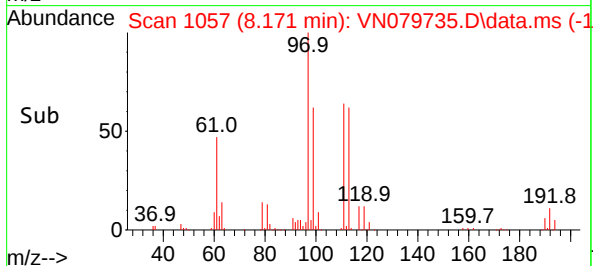
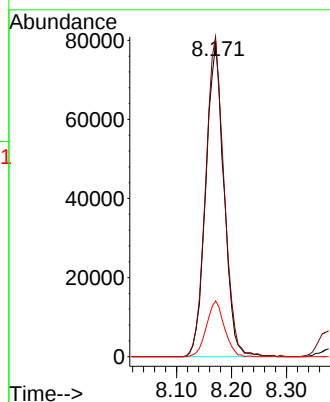
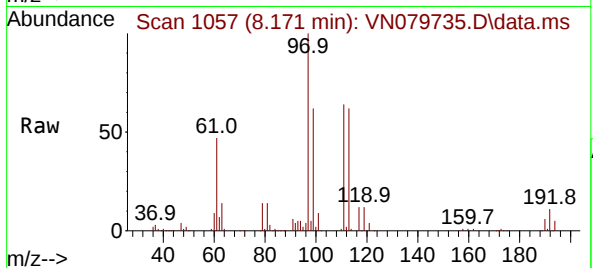
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	17.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#36

1,1-Dichloropropene

Concen: 49.807 ug/l

RT: 8.377 min Scan# 1092

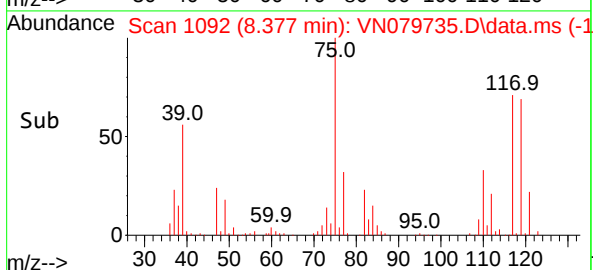
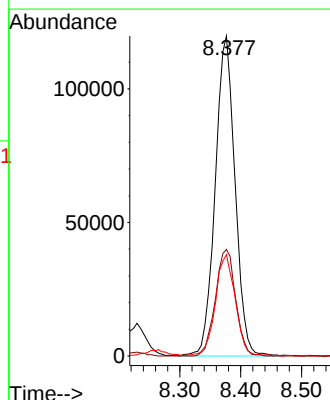
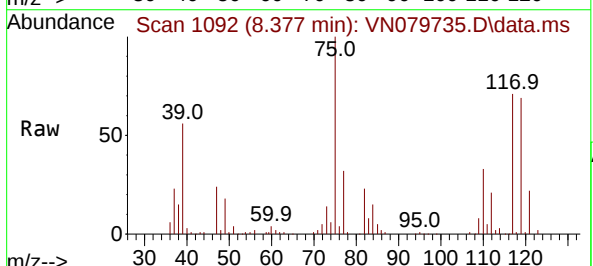
Delta R.T. -0.000 min

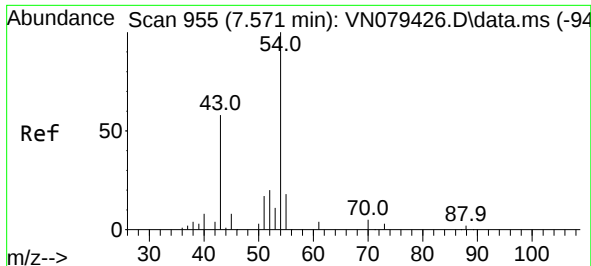
Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Tgt Ion: 75 Resp: 270608

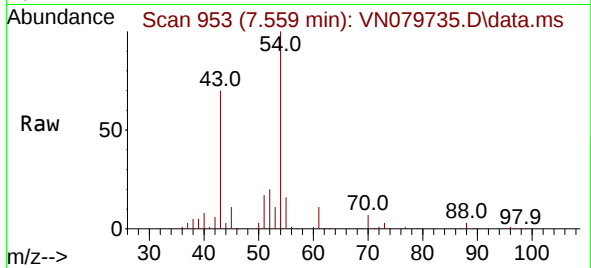
Ion	Ratio	Lower	Upper
75	100		
110	33.9	19.1	57.3
77	31.9	25.0	37.4





#37
Ethyl Acetate
Concen: 46.210 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

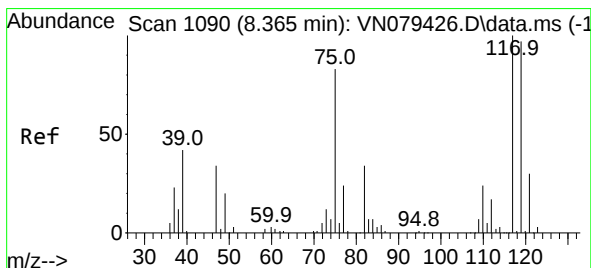
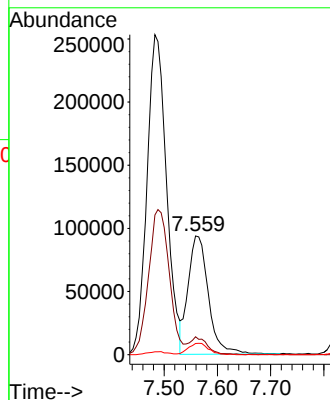
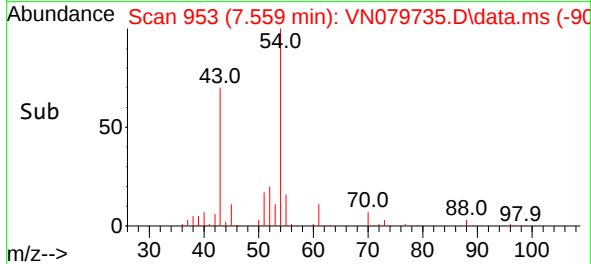
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 24885
Ion Ratio Lower Upper
43 100
61 12.8 13.2 19.8
70 9.5 11.3 16.9

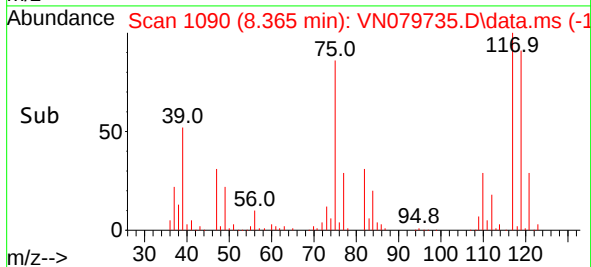
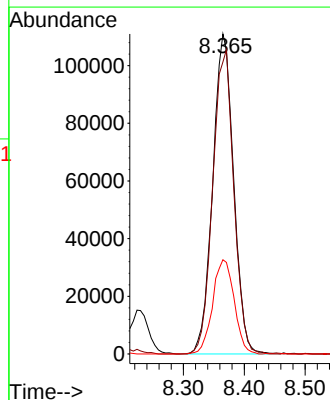
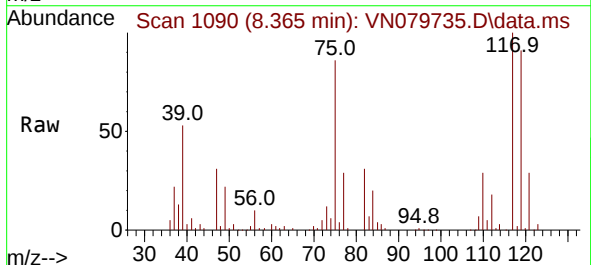
Manual Integrations
APPROVED

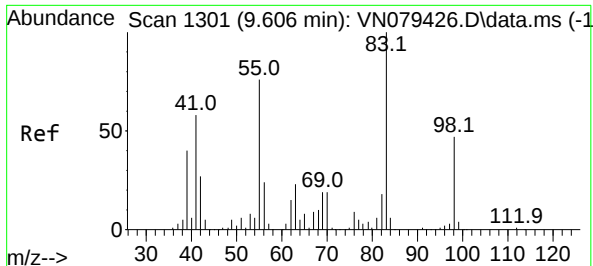
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#38
Carbon Tetrachloride
Concen: 48.804 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion:117 Resp: 264424
Ion Ratio Lower Upper
117 100
119 91.3 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 47.781 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 25822

Ion Ratio Lower Upper

83 100

55 74.4 49.1 73.7

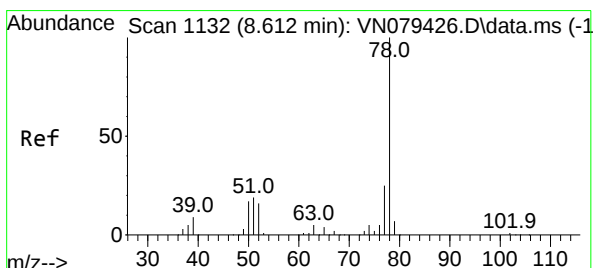
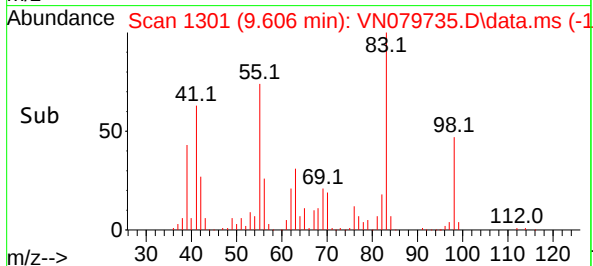
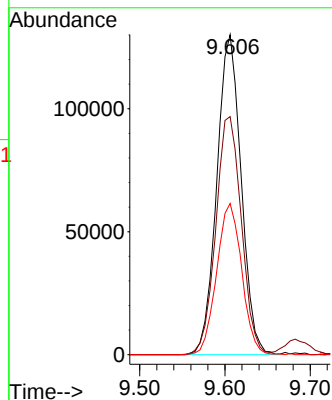
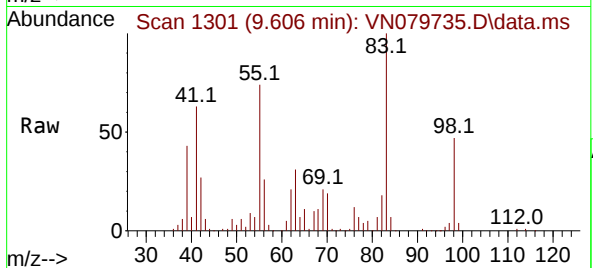
98 47.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#40

Benzene

Concen: 50.315 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079735.D

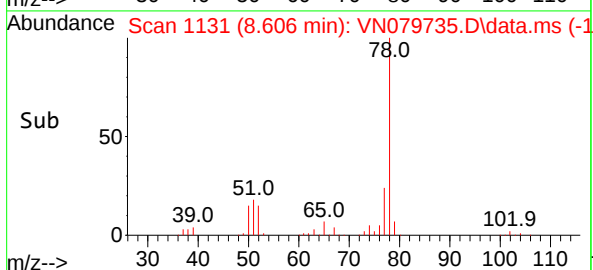
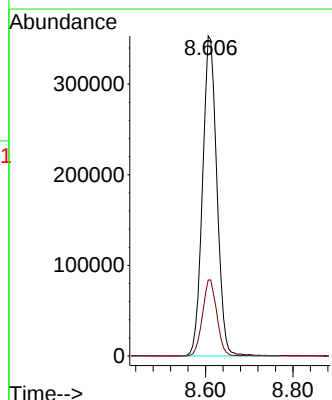
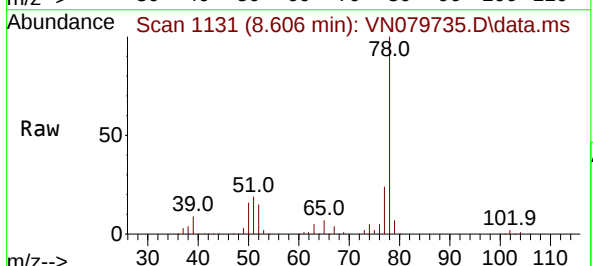
Acq: 31 Oct 2023 10:39

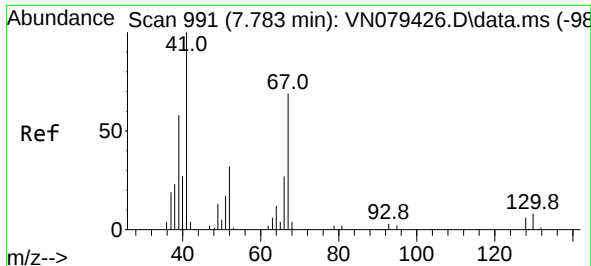
Tgt Ion: 78 Resp: 806812

Ion Ratio Lower Upper

78 100

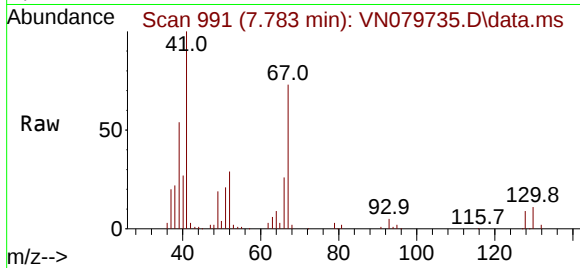
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 46.428 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

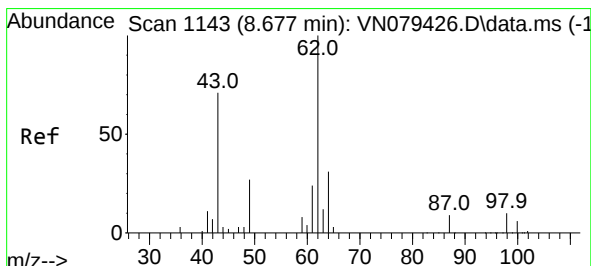
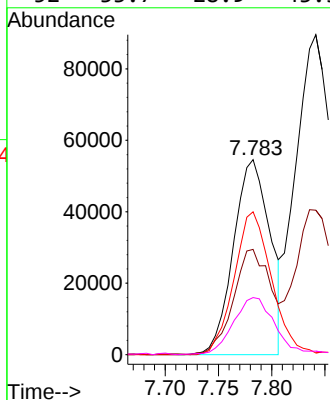
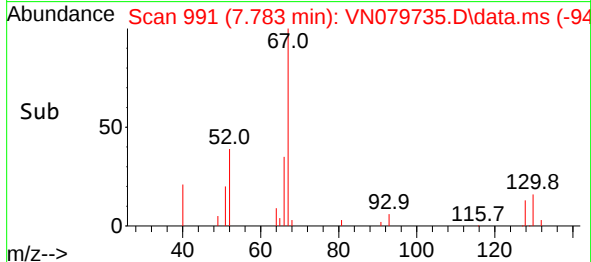
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



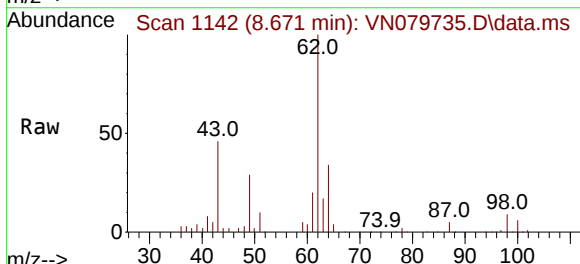
Tgt Ion: 41 Resp: 130404
Ion Ratio Lower Upper
41 100
39 54.9 42.6 64.0
67 75.3 77.5 116.3
52 33.7 28.9 43.3

Manual Integrations
APPROVED

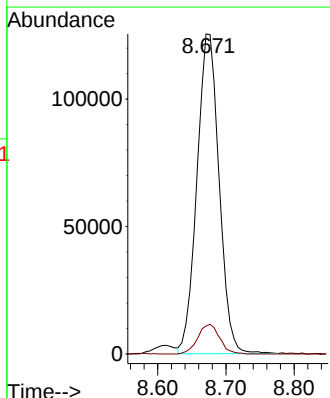
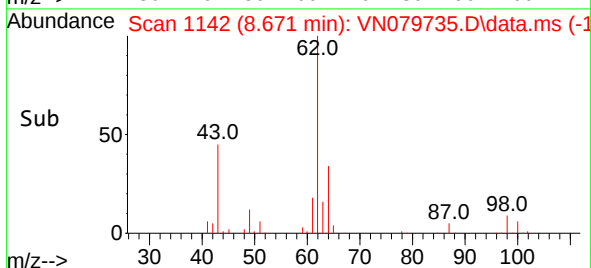
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

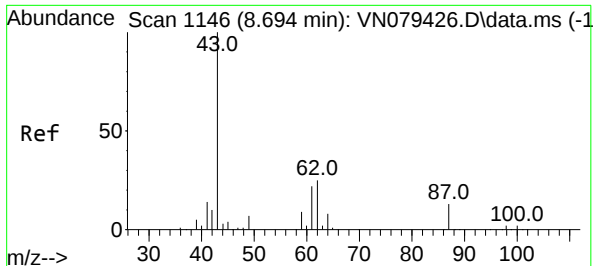


#42
1,2-Dichloroethane
Concen: 48.732 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



Tgt Ion: 62 Resp: 283815
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 46.811 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 403010

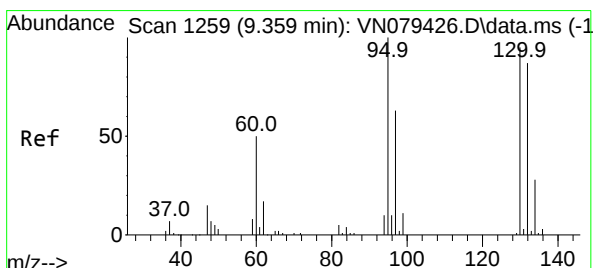
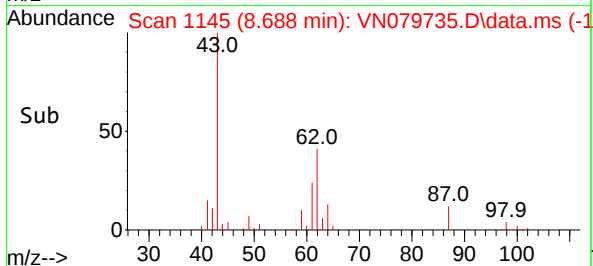
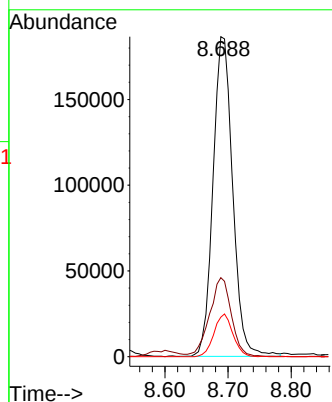
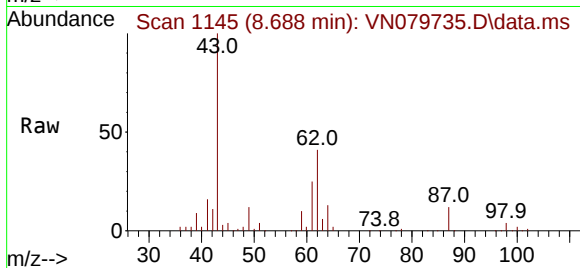
Ion	Ratio	Lower	Upper
43	100		
61	27.5	24.7	37.1
87	12.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#44

Trichloroethene

Concen: 48.717 ug/l

RT: 9.359 min Scan# 1259

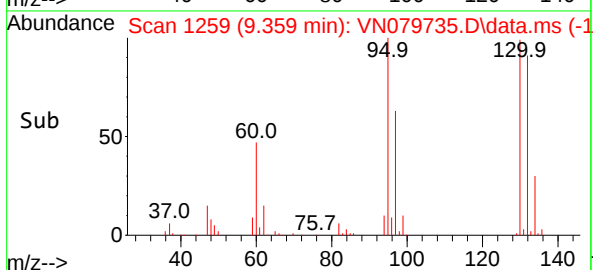
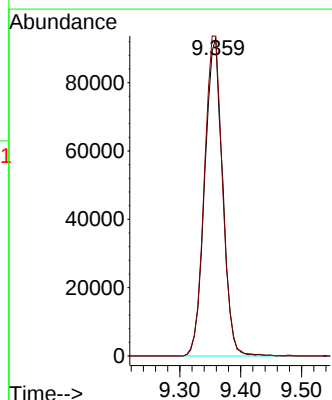
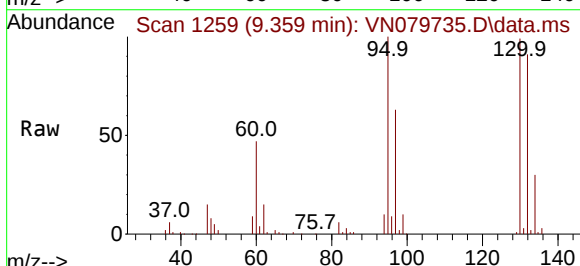
Delta R.T. -0.000 min

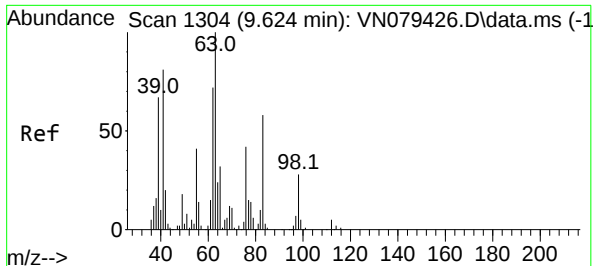
Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Tgt Ion:130 Resp: 189233

Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	204.6





#45

1,2-Dichloropropane

Concen: 50.119 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 63 Resp: 21345

Ion Ratio Lower Upper

63 100

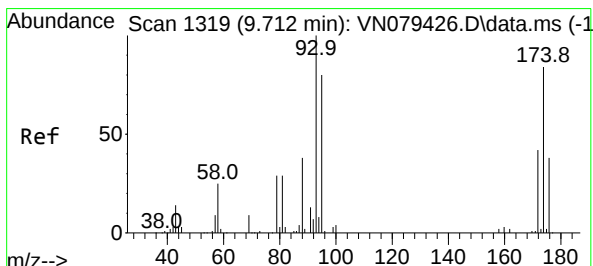
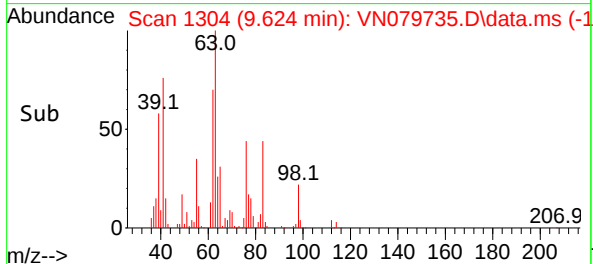
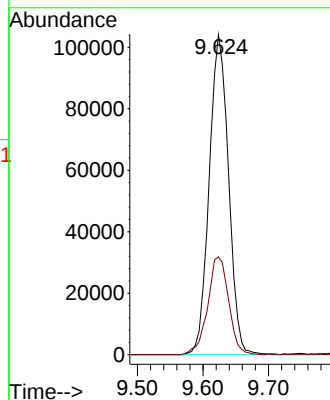
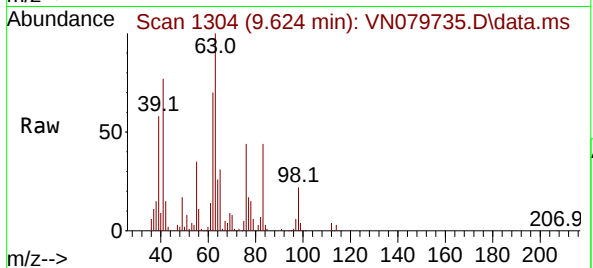
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#46

Dibromomethane

Concen: 48.895 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

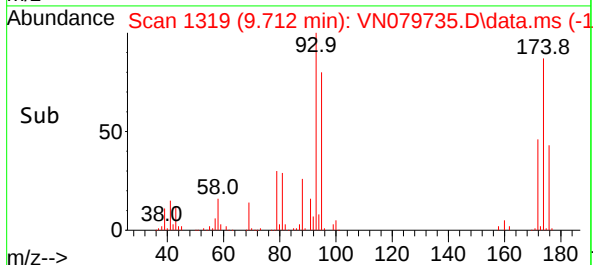
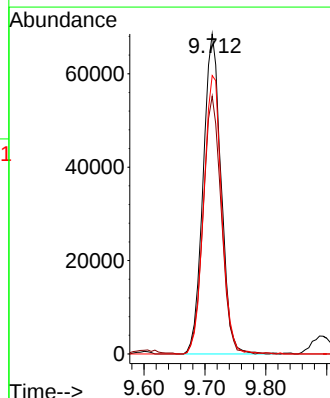
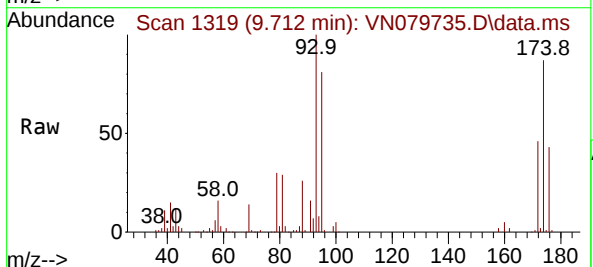
Tgt Ion: 93 Resp: 140449

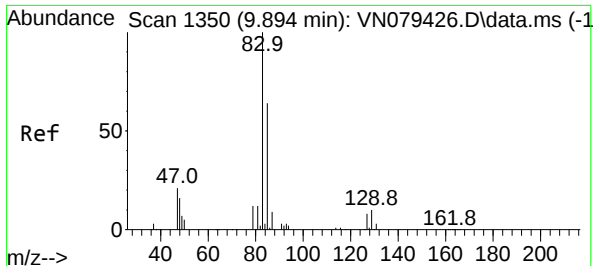
Ion Ratio Lower Upper

93 100

95 81.1 63.8 95.8

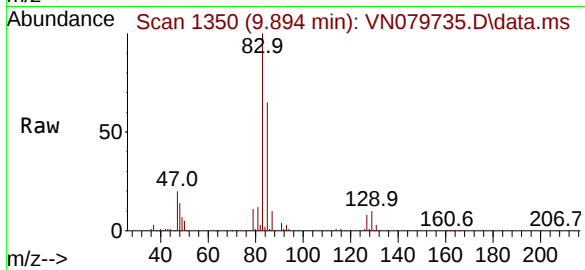
174 87.5 65.6 98.4





#47
Bromodichloromethane
Concen: 49.318 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

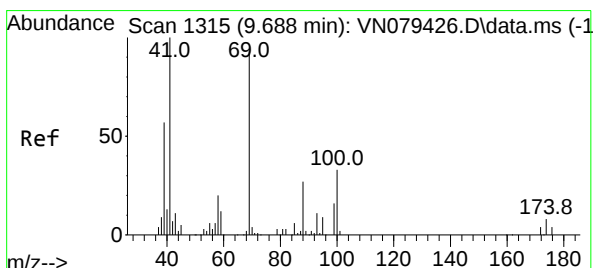
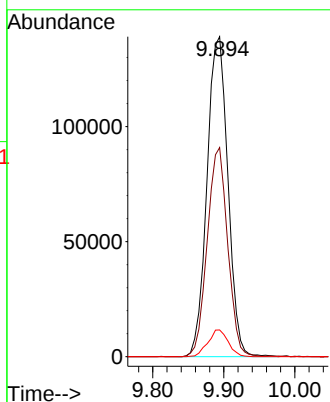
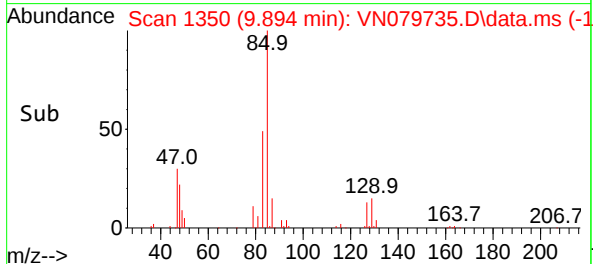
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



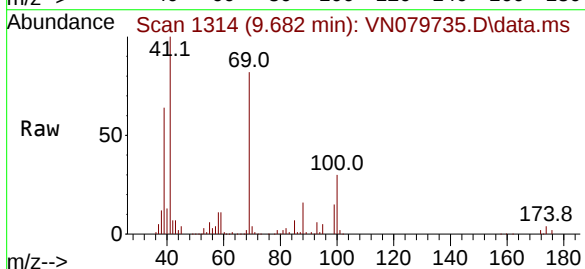
Tgt Ion: 83 Resp: 28418
Ion Ratio Lower Upper
83 100
85 65.4 49.6 74.4
127 8.3 7.0 10.6

Manual Integrations
APPROVED

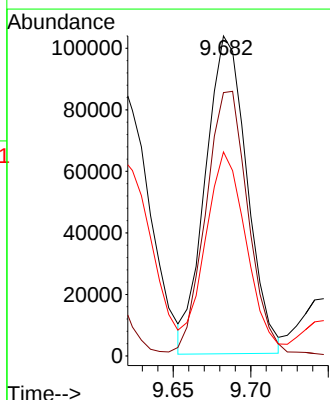
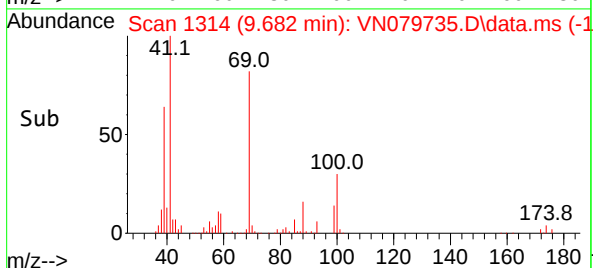
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

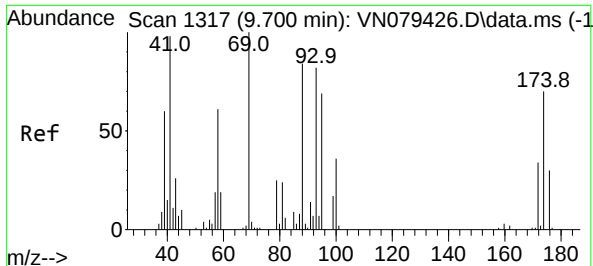


#48
Methyl methacrylate
Concen: 48.243 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



Tgt Ion: 41 Resp: 192559
Ion Ratio Lower Upper
41 100
69 86.5 90.4 135.6
39 64.9 54.6 81.8





#49

1,4-Dioxane

Concen: 926.912 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 6510

Ion Ratio Lower Upper

88 100

43 32.3 17.0 25.6

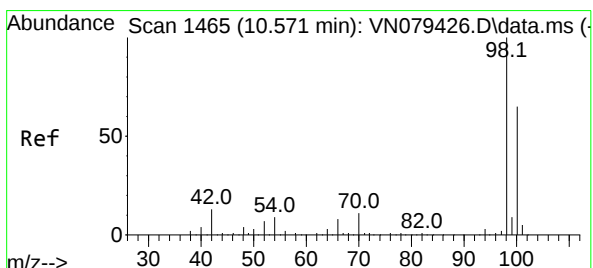
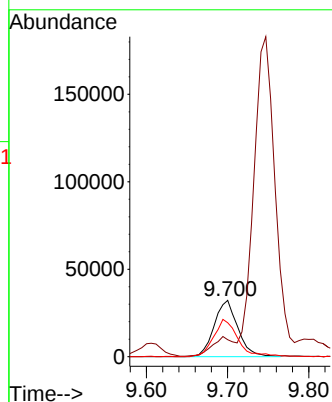
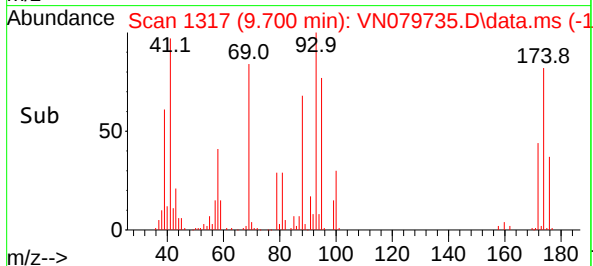
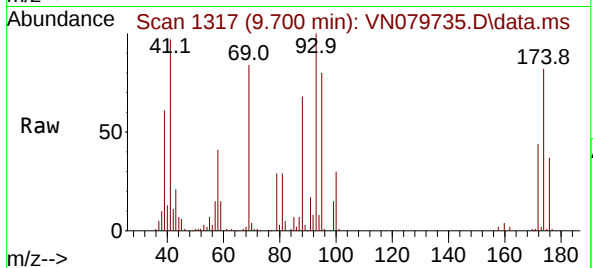
58 68.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#50

Toluene-d8

Concen: 50.548 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079735.D

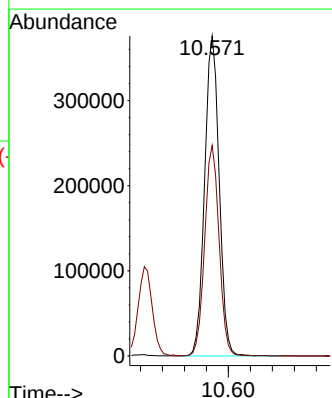
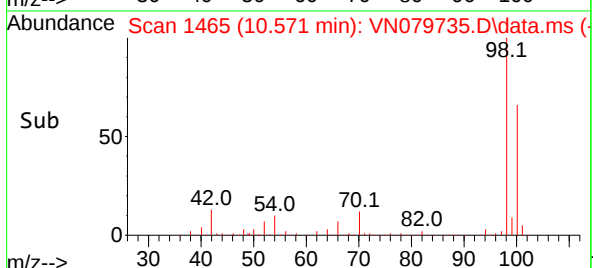
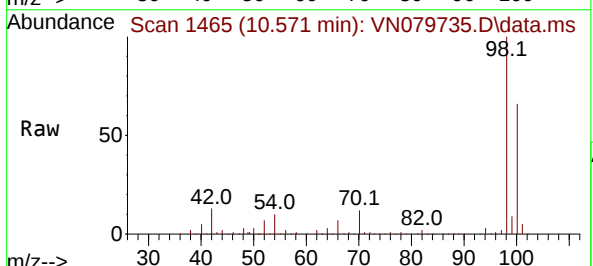
Acq: 31 Oct 2023 10:39

Tgt Ion: 98 Resp: 690112

Ion Ratio Lower Upper

98 100

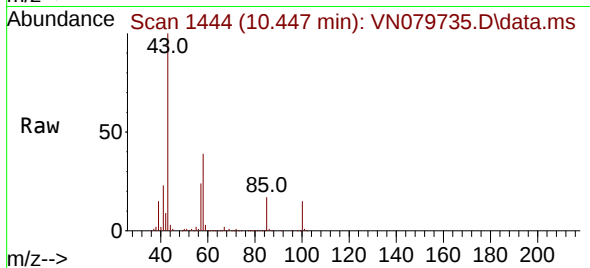
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 234.720 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

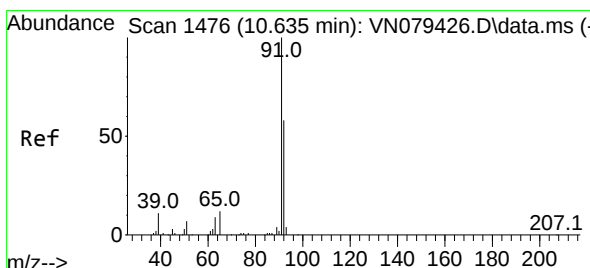
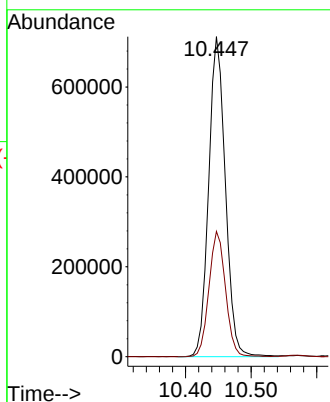
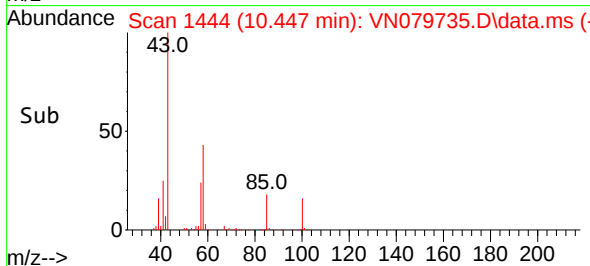
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



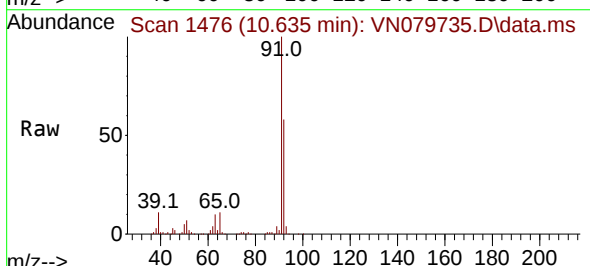
Tgt Ion: 43 Resp: 125736
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8

Manual Integrations
APPROVED

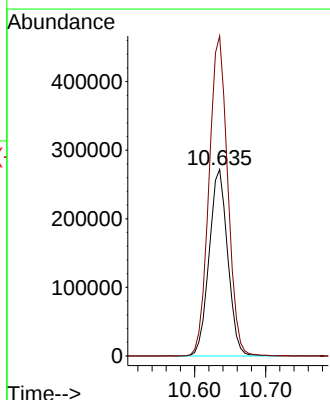
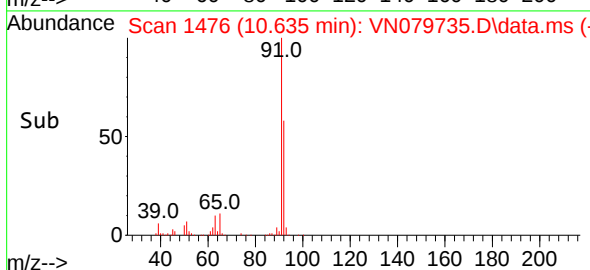
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

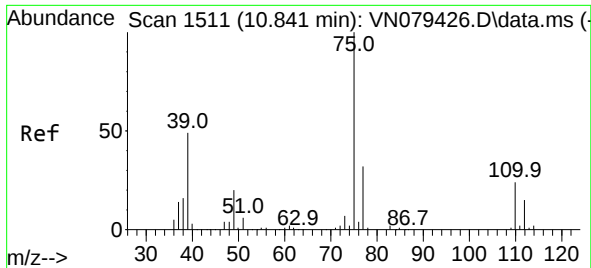


#52
Toluene
Concen: 50.266 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



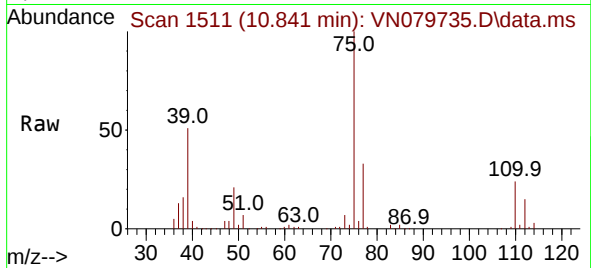
Tgt Ion: 92 Resp: 492073
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.289 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

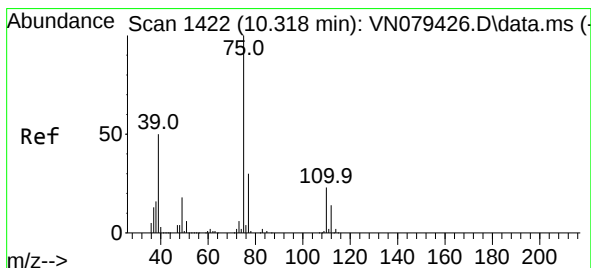
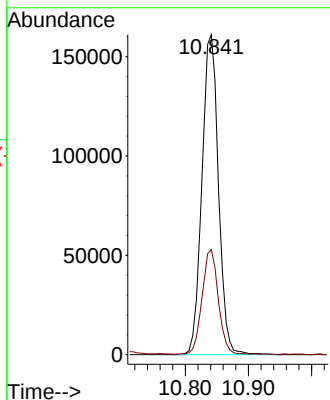
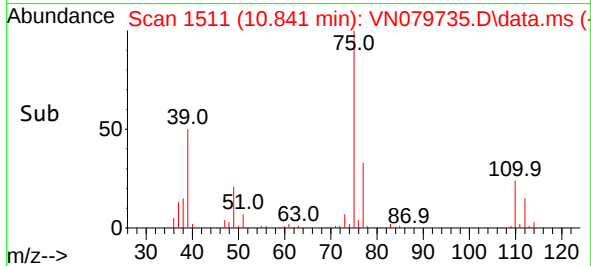
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



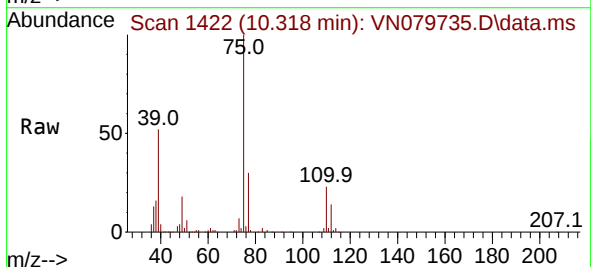
Tgt Ion: 75 Resp: 292623
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

Manual Integrations
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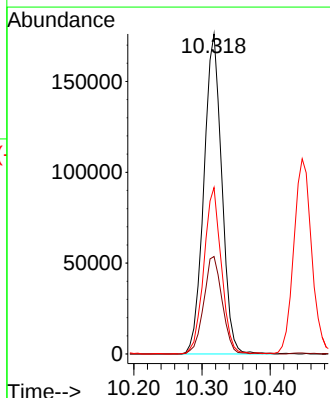
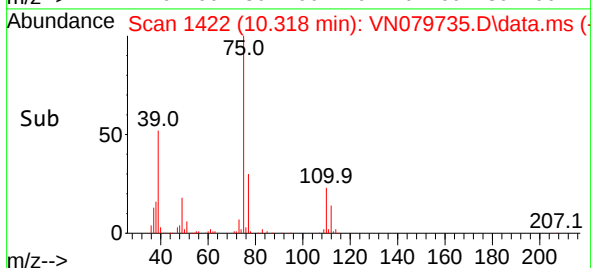
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

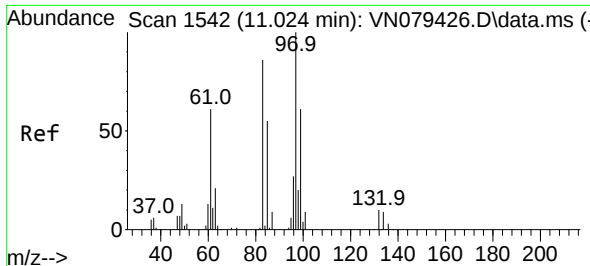


#54
cis-1,3-Dichloropropene
Concen: 50.499 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



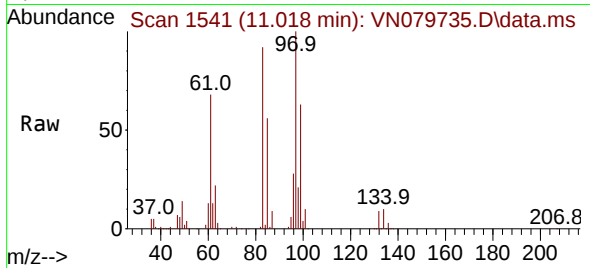
Tgt Ion: 75 Resp: 321485
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 52.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 48.662 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

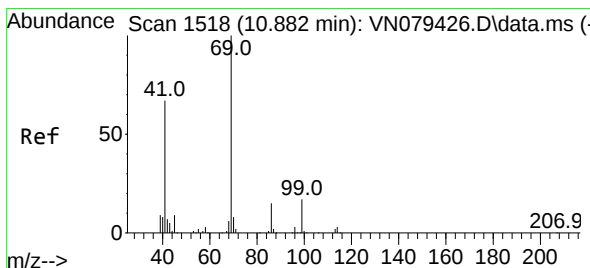
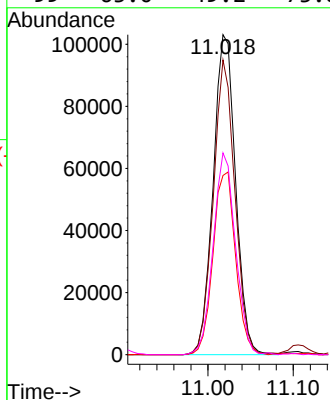
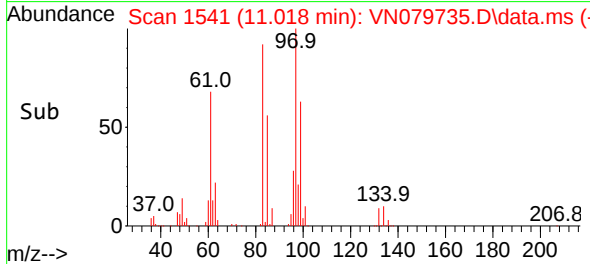
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



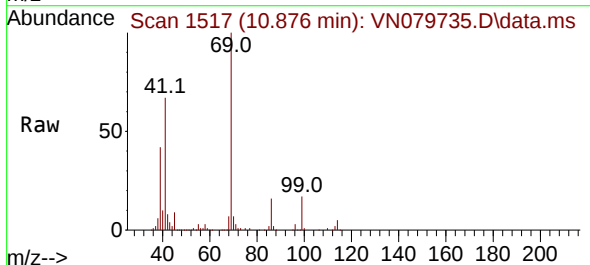
Tgt Ion:	97	Resp:	18839
Ion	Ratio	Lower	Upper
97	100		
83	92.1	65.1	97.7
85	56.0	43.4	65.2
99	63.0	49.2	73.8

Manual Integrations
APPROVED

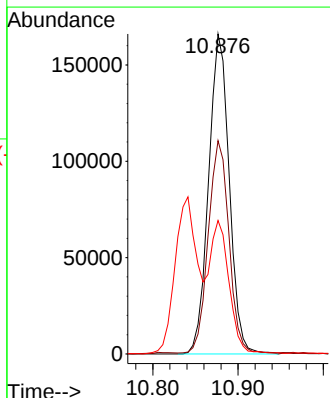
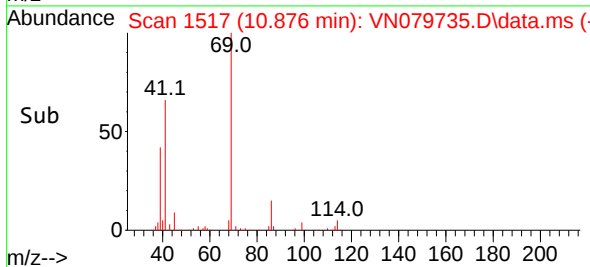
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#56
Ethyl methacrylate
Concen: 51.038 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



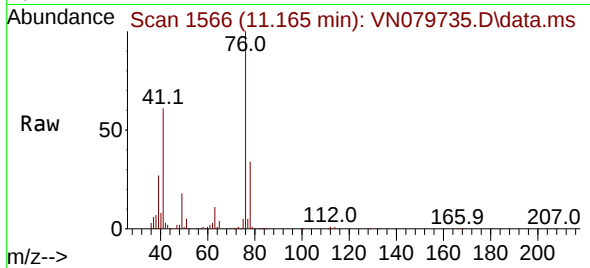
Tgt Ion:	69	Resp:	279054
Ion	Ratio	Lower	Upper
69	100		
41	66.3	39.6	59.4
39	39.5	28.6	43.0





#57
1,3-Dichloropropane
Concen: 49.915 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

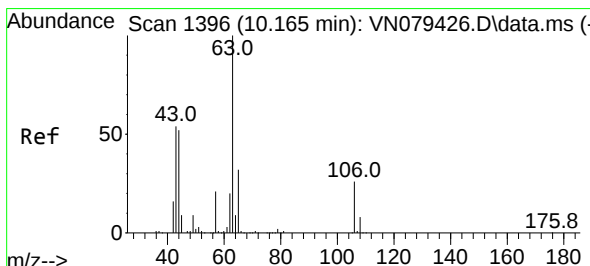
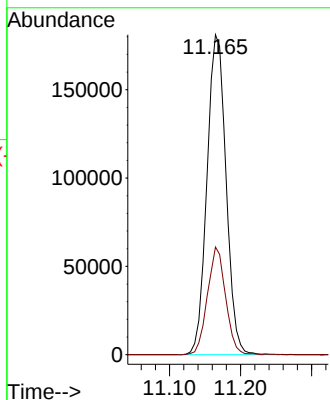
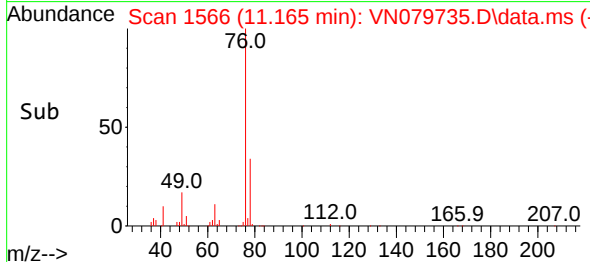
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 338180
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

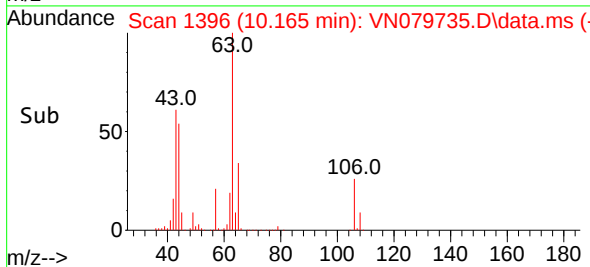
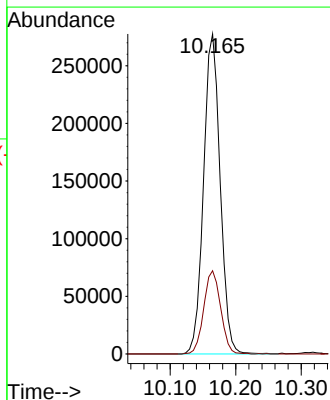
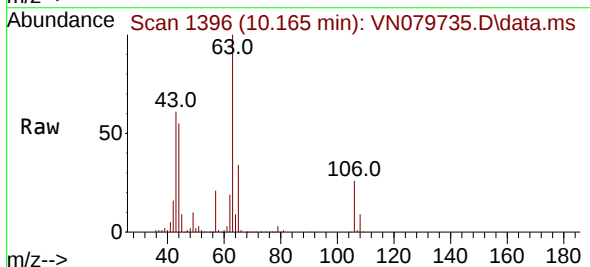
Manual Integrations
APPROVED

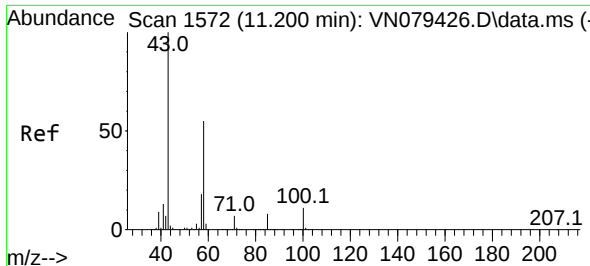
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#58
2-Chloroethyl Vinyl ether
Concen: 242.753 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

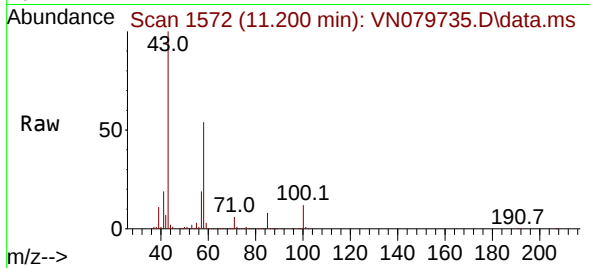
Tgt Ion: 63 Resp: 488994
Ion Ratio Lower Upper
63 100
106 26.4 26.2 39.4





#59
2-Hexanone
Concen: 238.897 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

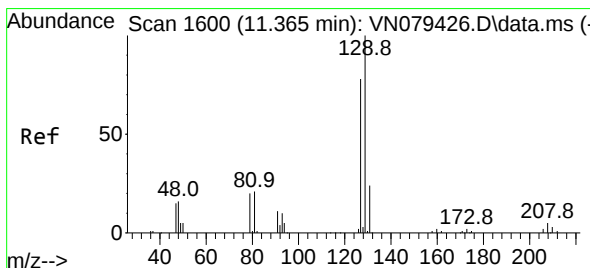
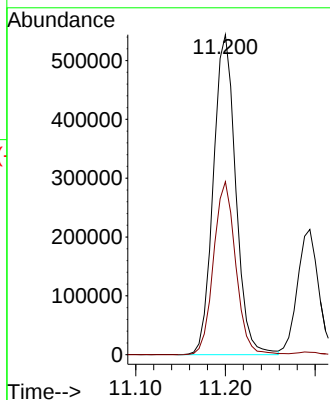
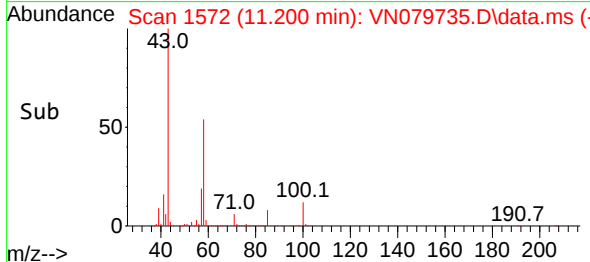
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 940975
Ion Ratio Lower Upper
43 100
58 53.5 31.7 95.1

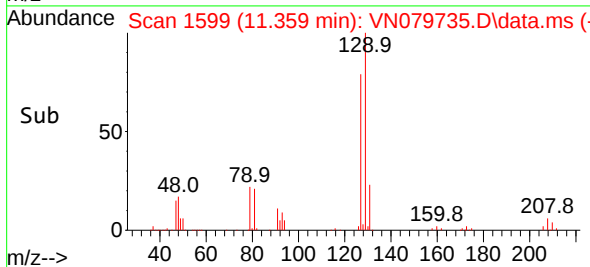
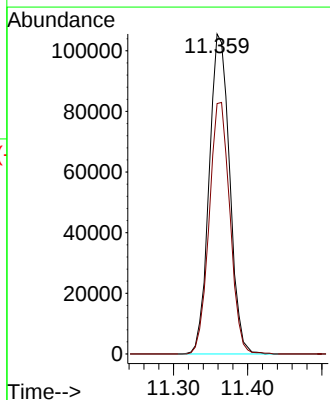
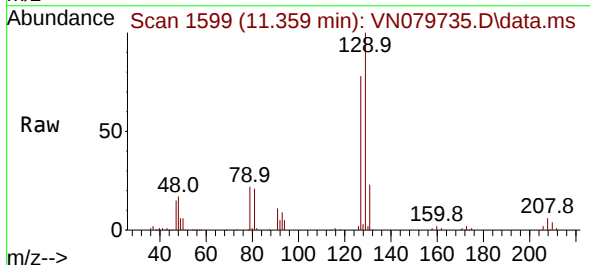
Manual Integrations
APPROVED

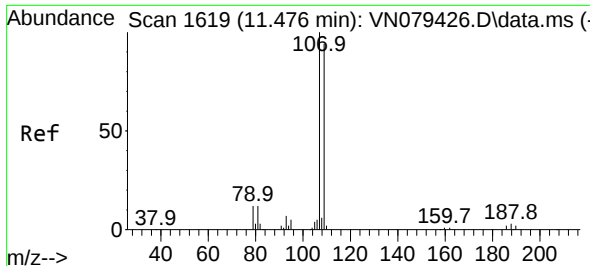
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#60
Dibromochloromethane
Concen: 50.530 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

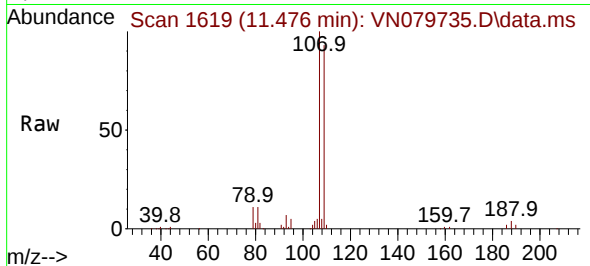
Tgt Ion:129 Resp: 202432
Ion Ratio Lower Upper
129 100
127 79.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.317 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

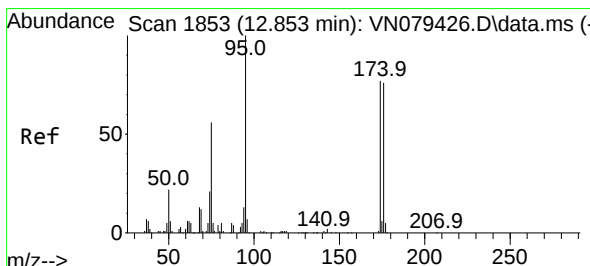
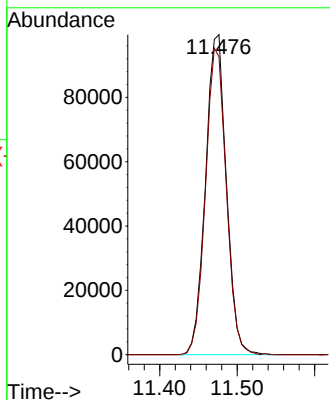
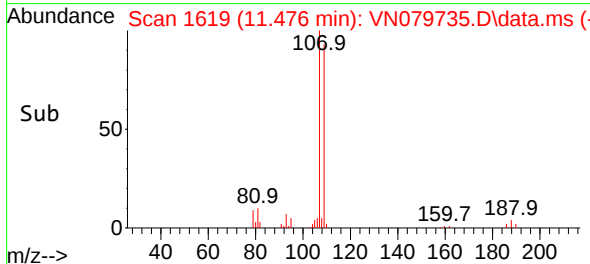
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



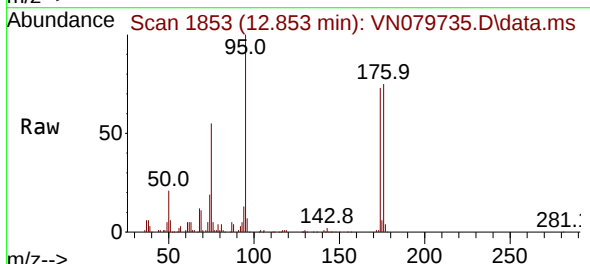
Tgt Ion:107 Resp: 186360
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

Manual Integrations
APPROVED

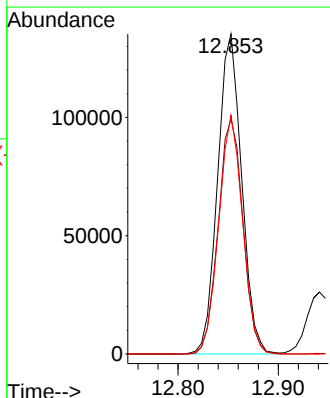
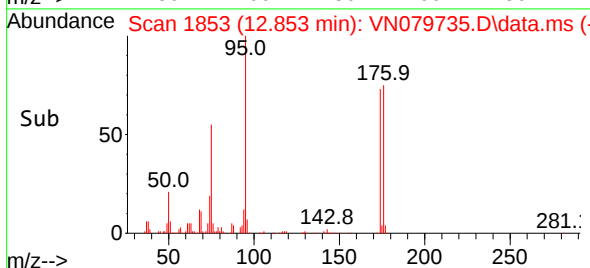
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

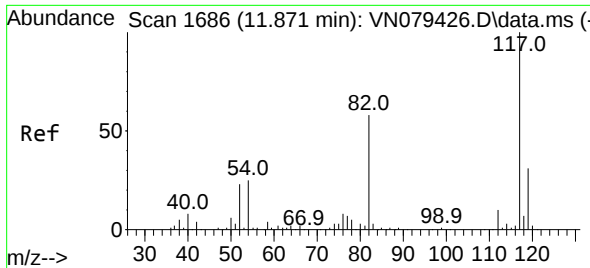


#62
4-Bromofluorobenzene
Concen: 52.326 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



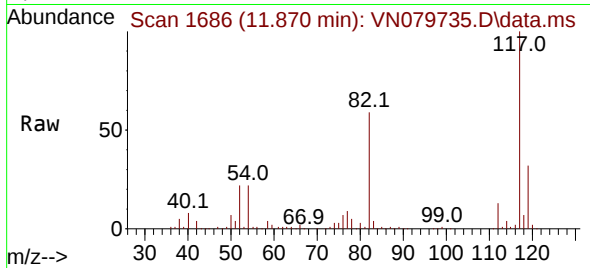
Tgt Ion: 95 Resp: 224968
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 74.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

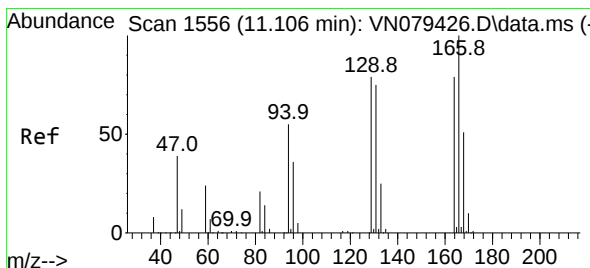
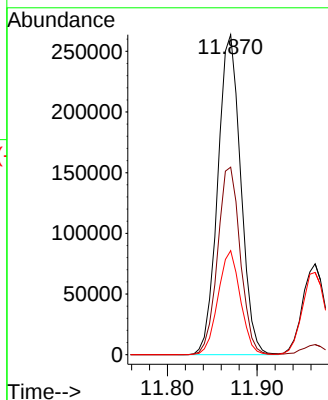
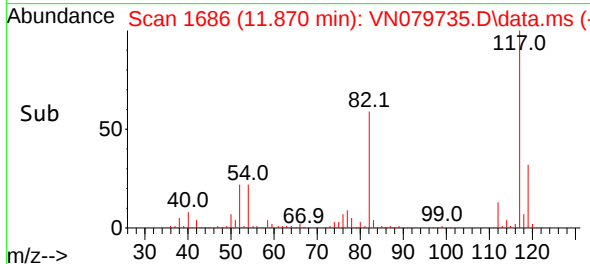
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 46844
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.5 25.6 38.4

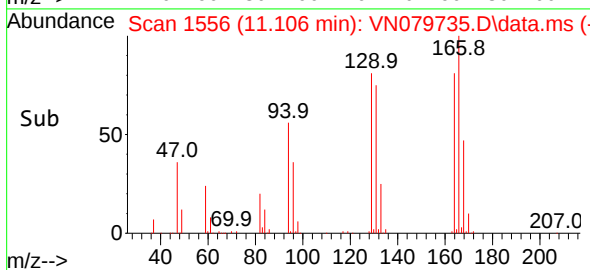
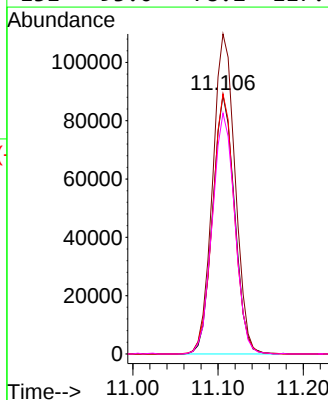
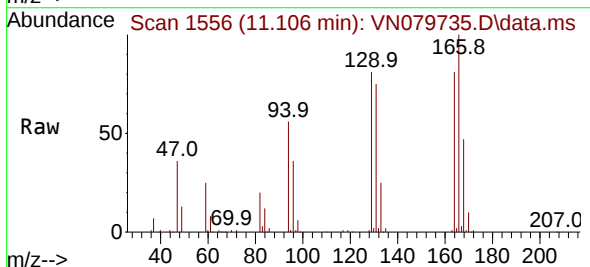
Manual Integrations
APPROVED

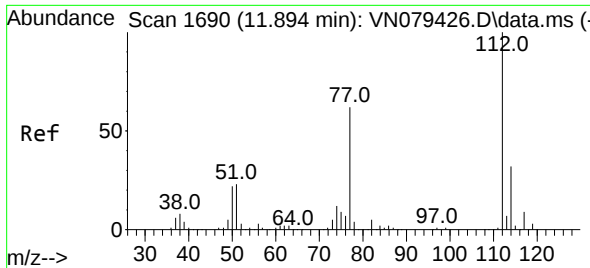
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#64
Tetrachloroethene
Concen: 47.721 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion:164 Resp: 158583
Ion Ratio Lower Upper
164 100
166 123.6 101.4 152.0
129 100.4 82.4 123.6
131 93.0 78.2 117.4





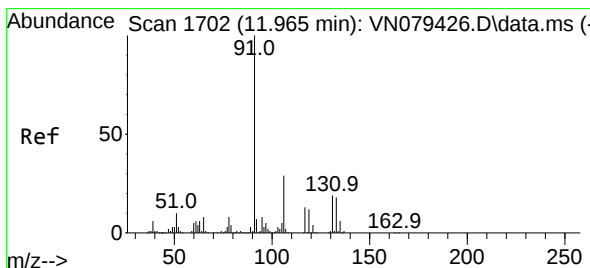
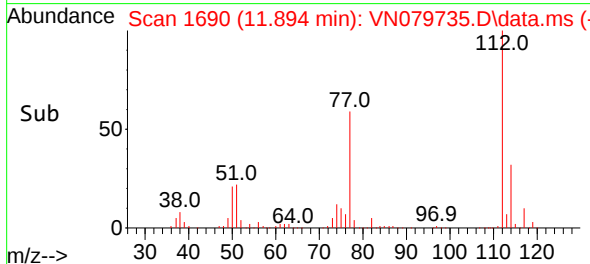
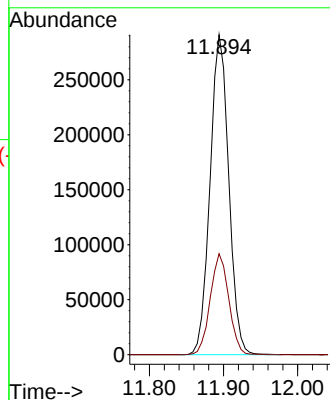
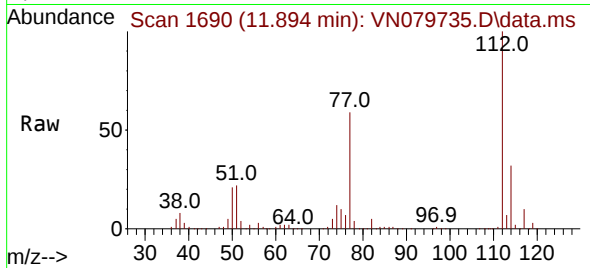
#65
Chlorobenzene
Concen: 49.148 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 509580
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

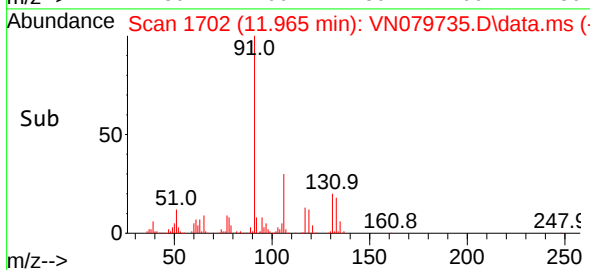
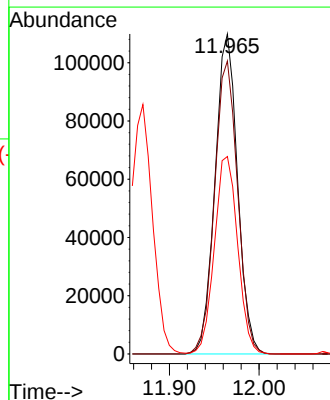
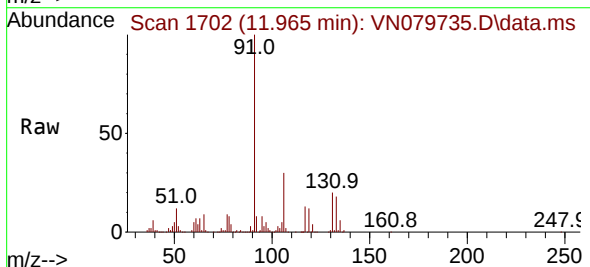
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.770 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion:131 Resp: 191743
Ion Ratio Lower Upper
131 100
133 93.7 46.4 139.1
119 63.7 34.1 102.2





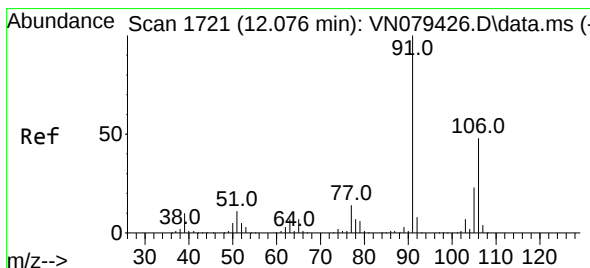
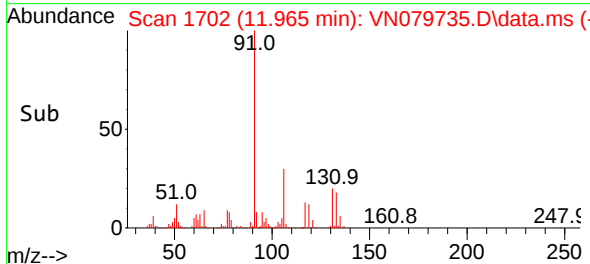
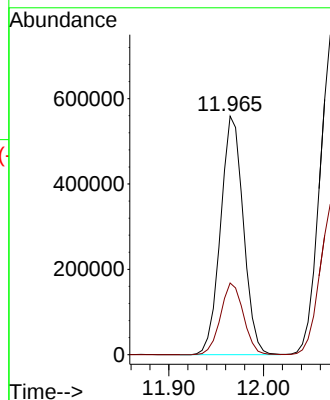
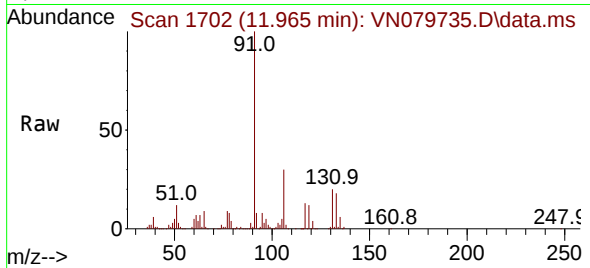
#67
Ethyl Benzene
Concen: 51.231 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 93578
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

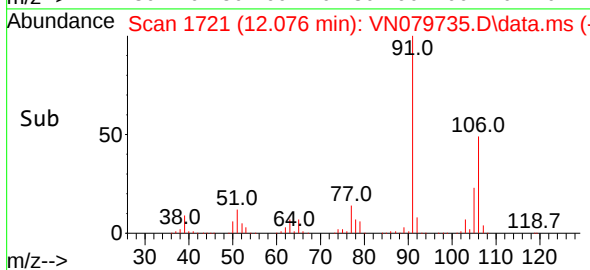
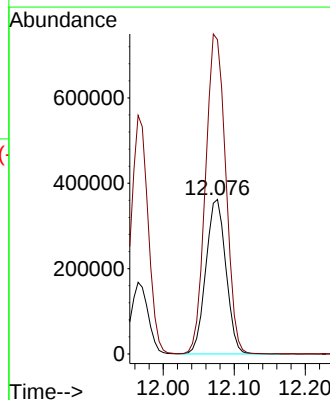
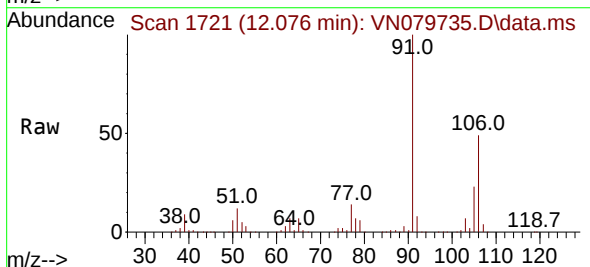
Manual Integrations
APPROVED

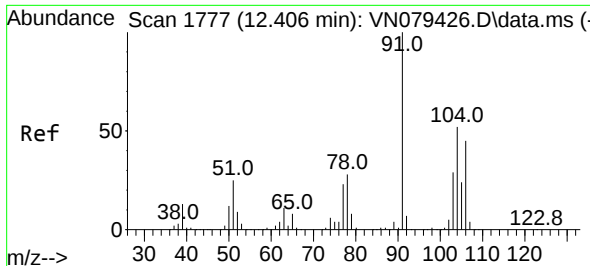
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#68
m/p-Xylenes
Concen: 105.175 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion:106 Resp: 710560
Ion Ratio Lower Upper
106 100
91 208.0 159.6 239.4





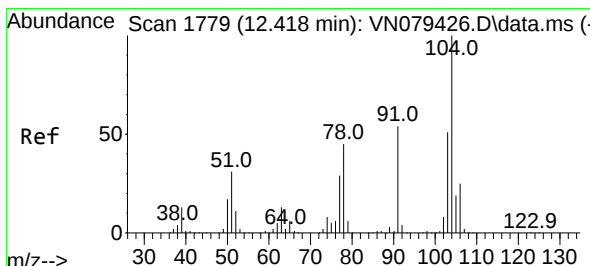
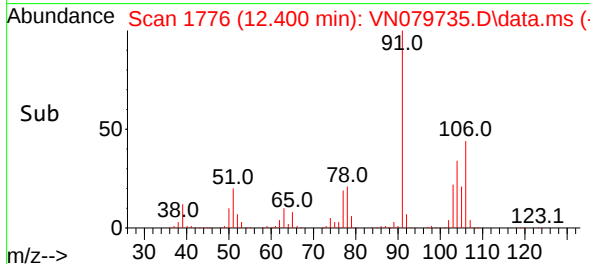
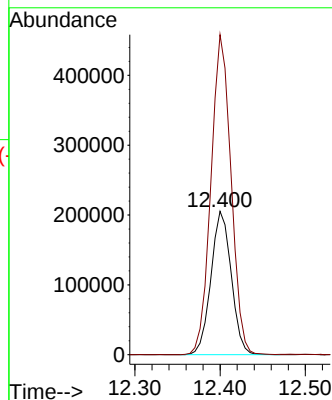
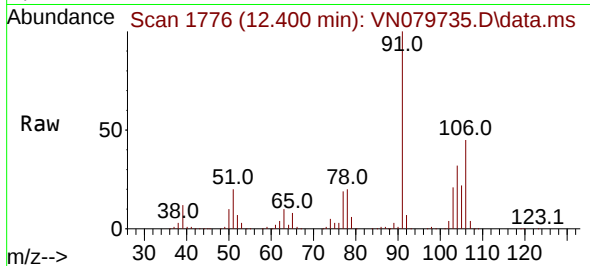
#69
o-Xylene
Concen: 52.317 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 33987
Ion Ratio Lower Upper
106 100
91 221.1 105.2 315.5

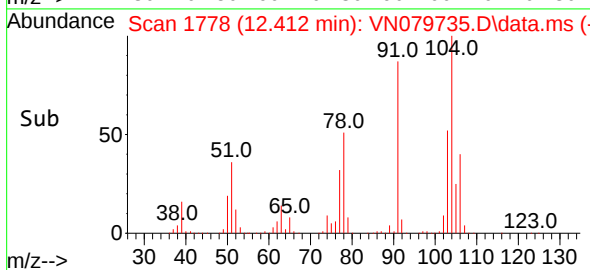
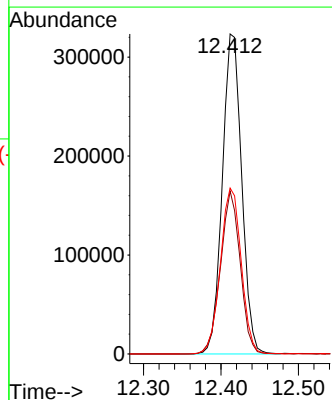
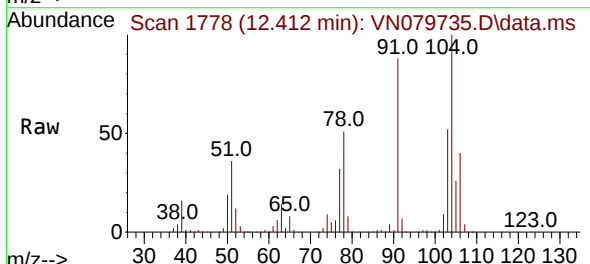
Manual Integrations
APPROVED

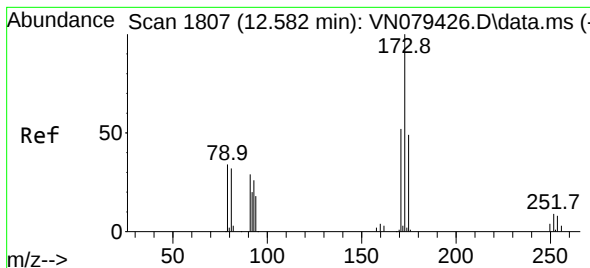
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#70
Styrene
Concen: 54.084 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion:104 Resp: 562825
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 55.6 43.2 64.8





#71

Bromoform

Concen: 48.315 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 13332

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

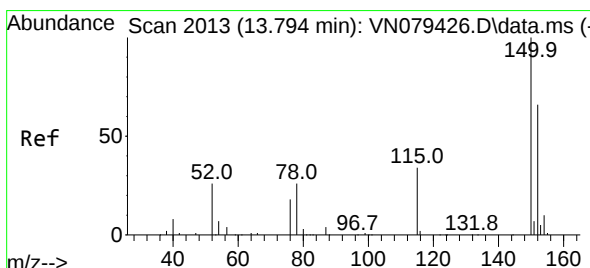
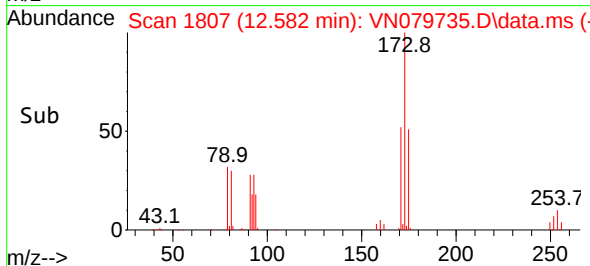
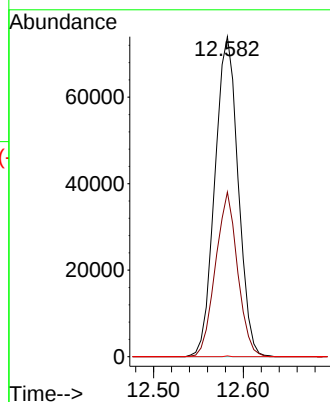
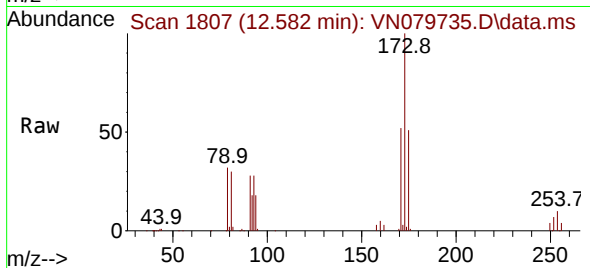
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

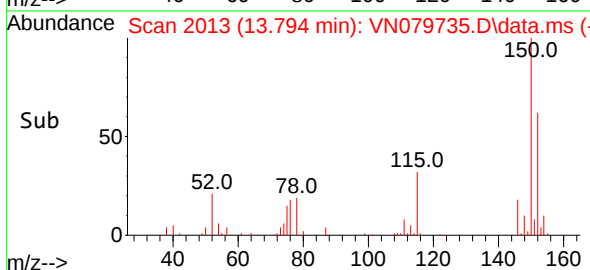
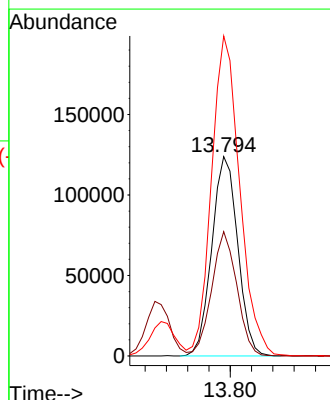
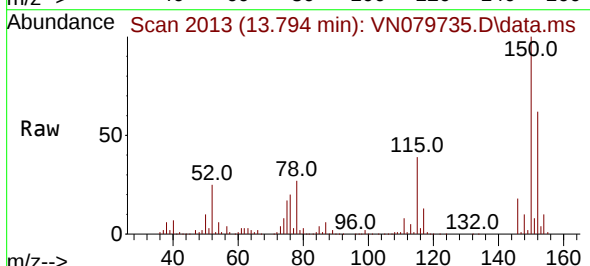
Tgt Ion:152 Resp: 209469

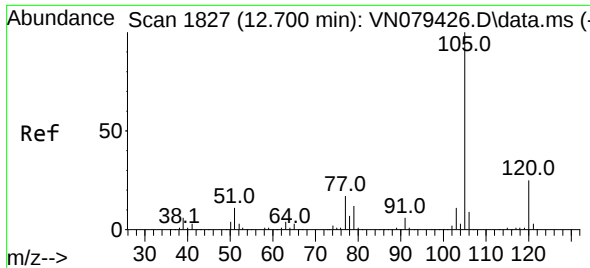
Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 174.3 0.0 355.8





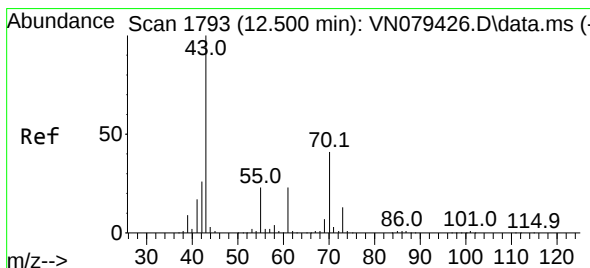
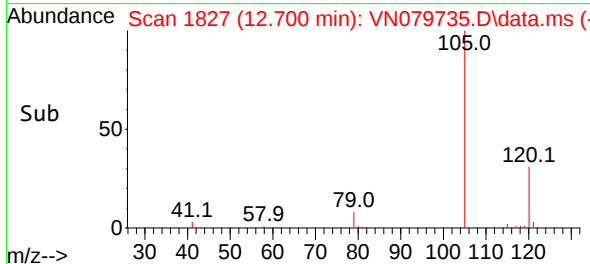
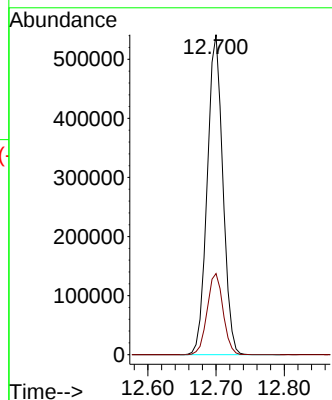
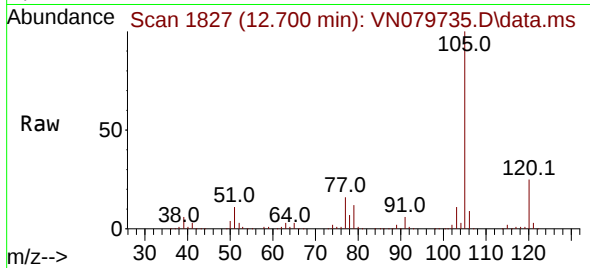
#73
Isopropylbenzene
Concen: 45.404 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 86146
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

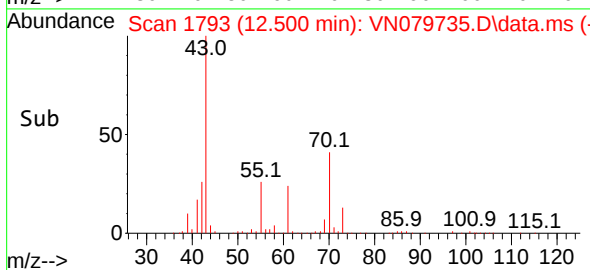
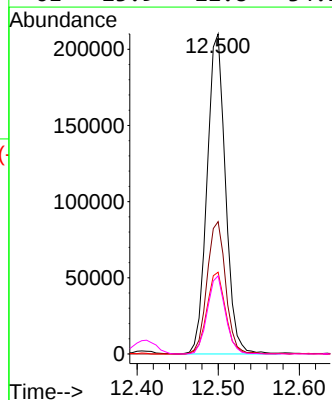
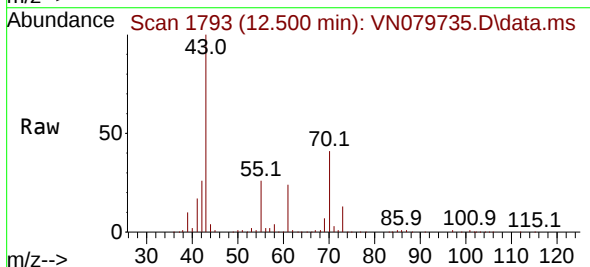
Manual Integrations
APPROVED

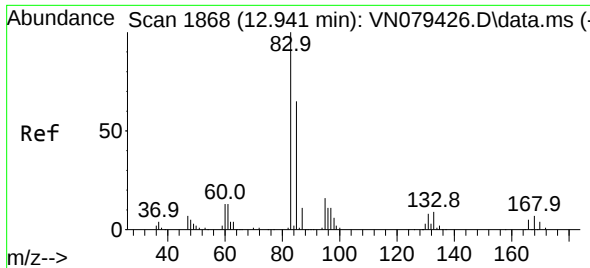
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#74
N-ethyl acetate
Concen: 43.875 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion: 43 Resp: 331100
Ion Ratio Lower Upper
43 100
70 41.7 43.4 65.2#
55 26.0 21.4 32.0
61 23.9 22.8 34.2





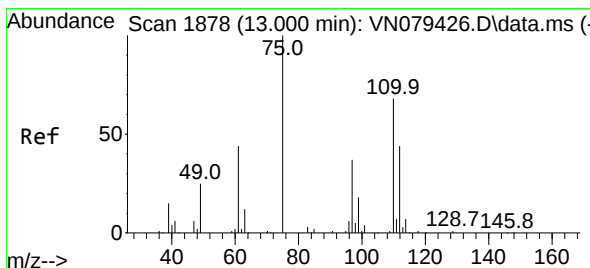
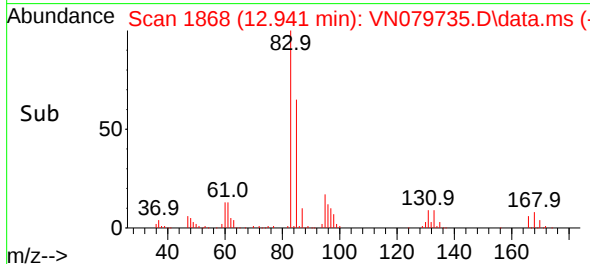
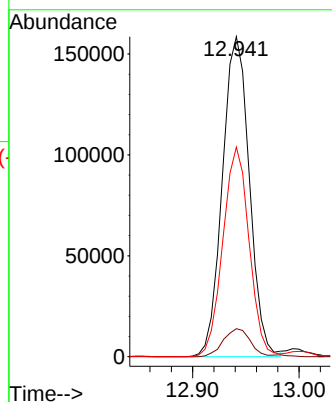
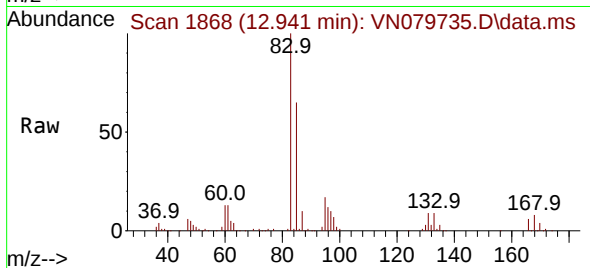
#75
1,1,2,2-Tetrachloroethane
Concen: 41.498 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 27874
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 63.6 31.9 95.7

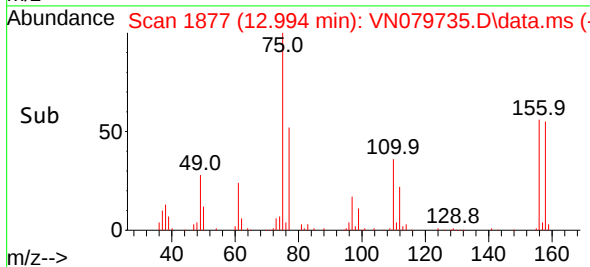
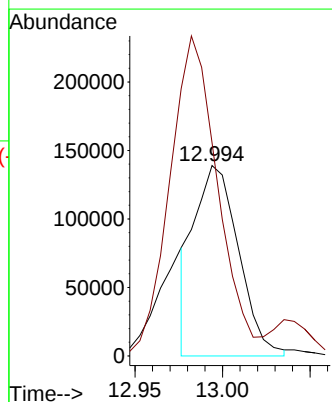
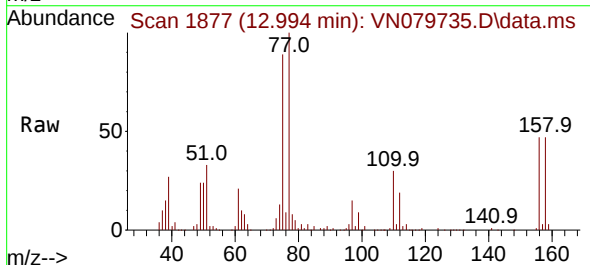
Manual Integrations
APPROVED

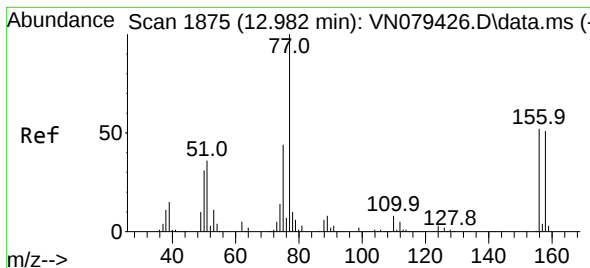
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#76
1,2,3-Trichloropropane
Concen: 42.980 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Tgt Ion: 75 Resp: 244466
Ion Ratio Lower Upper
75 100
77 183.2 84.5 253.5





#77

Bromobenzene

Concen: 44.627 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 19912

Ion Ratio Lower Upper

156 100

77 224.9 107.7 323.3

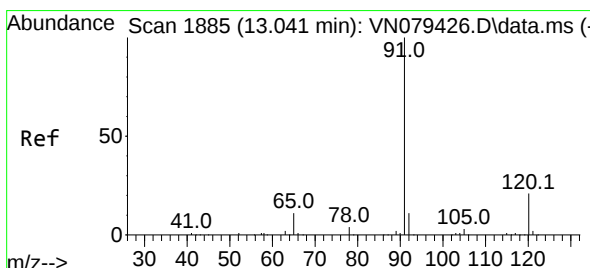
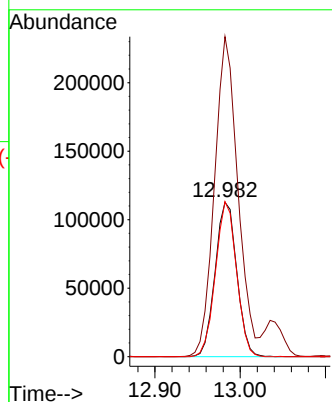
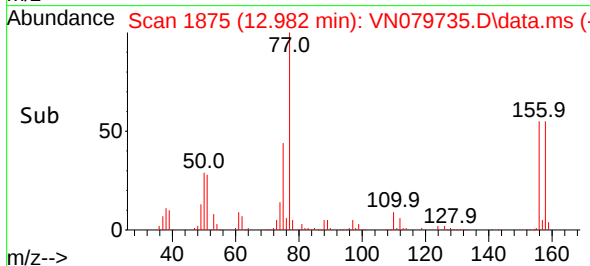
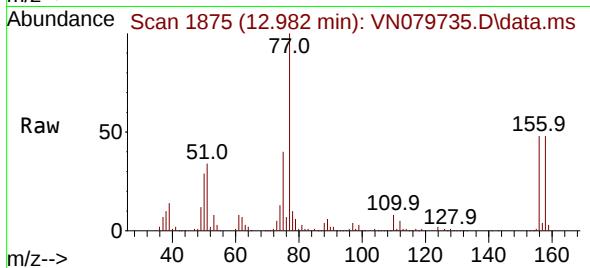
158 97.2 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#78

n-propylbenzene

Concen: 47.281 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079735.D

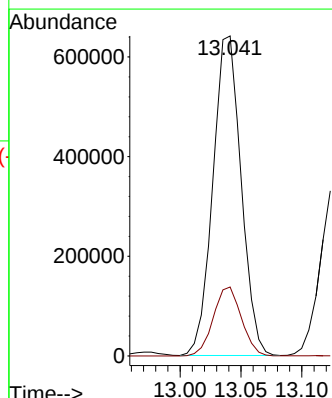
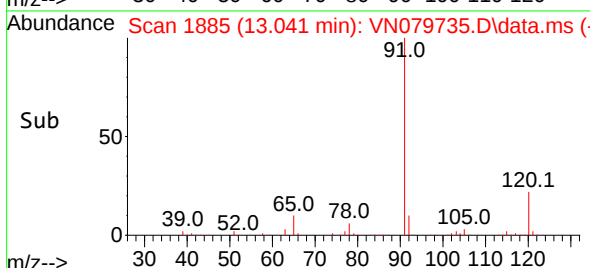
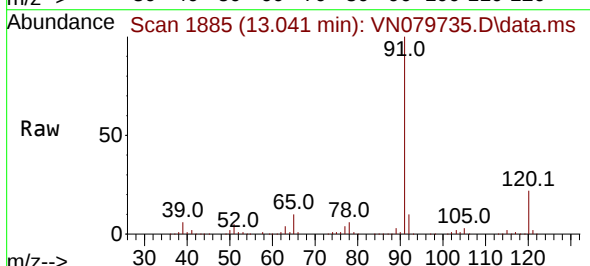
Acq: 31 Oct 2023 10:39

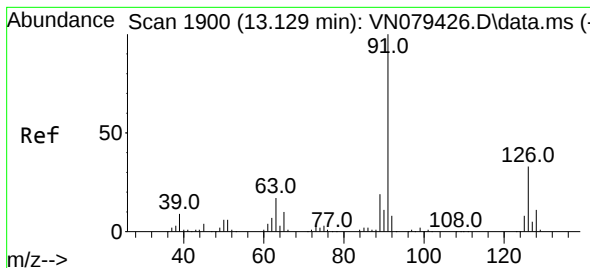
Tgt Ion: 91 Resp: 1033371

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





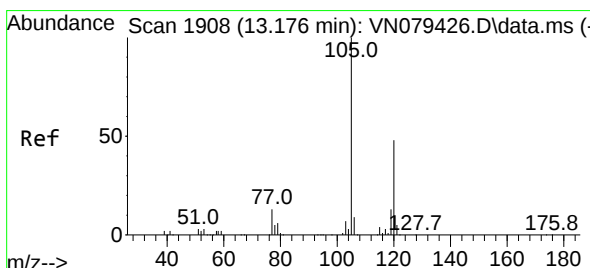
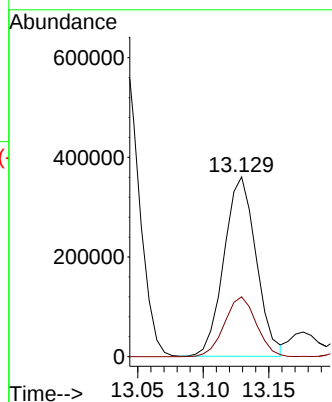
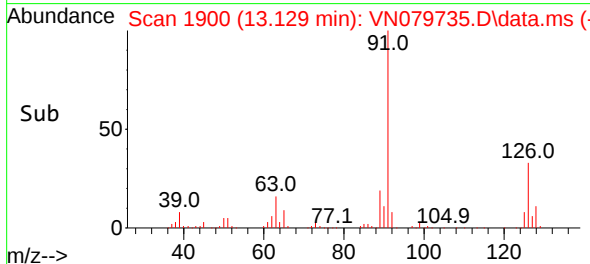
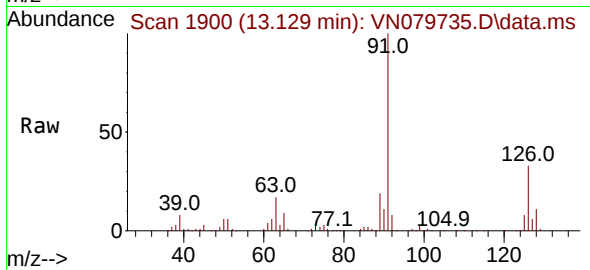
#79
2-Chlorotoluene
Concen: 45.082 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 61420
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

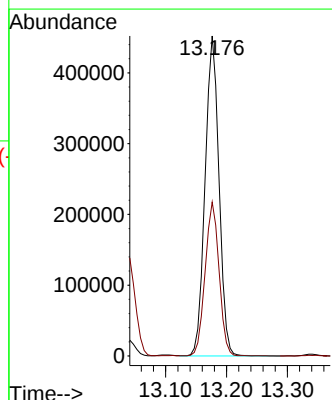
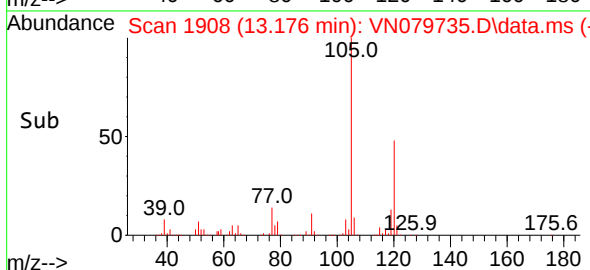
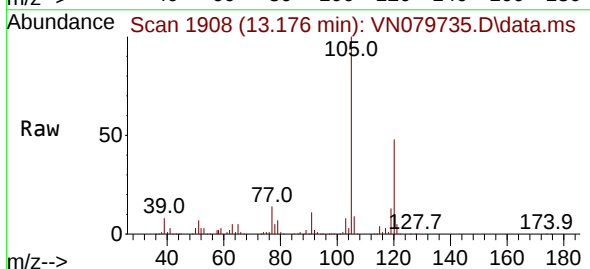
Manual Integrations
APPROVED

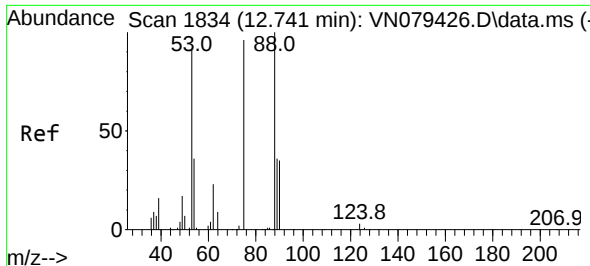
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.353 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

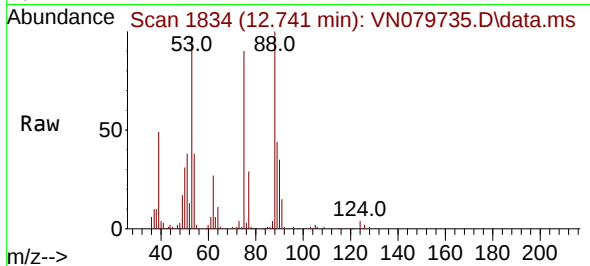
Tgt Ion:105 Resp: 716879
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 42.611 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

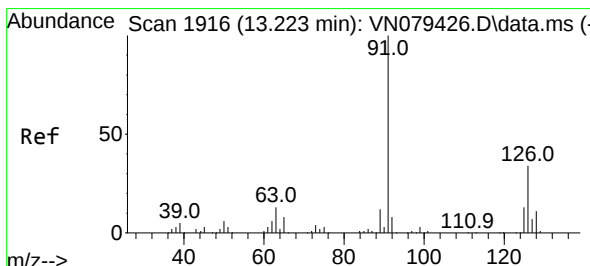
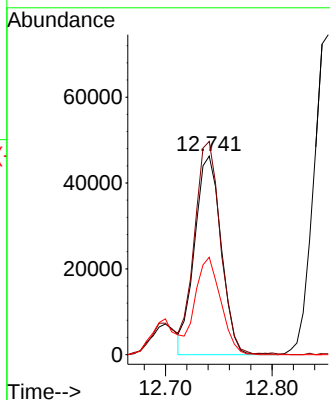
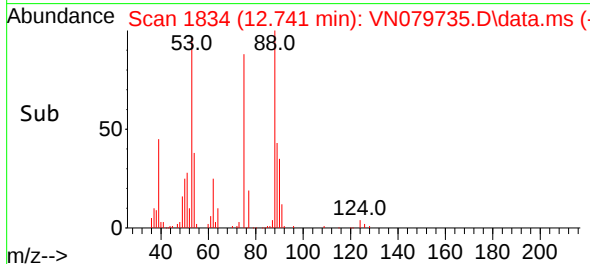
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 80349
Ion Ratio Lower Upper
75 100
53 106.0 67.4 101.2
89 46.2 38.8 58.2

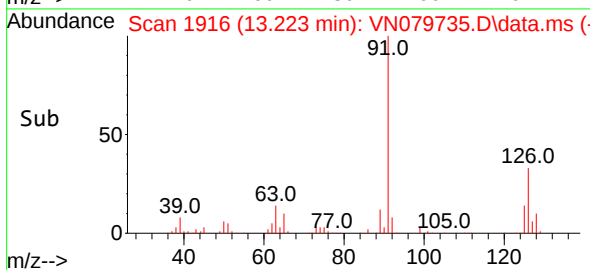
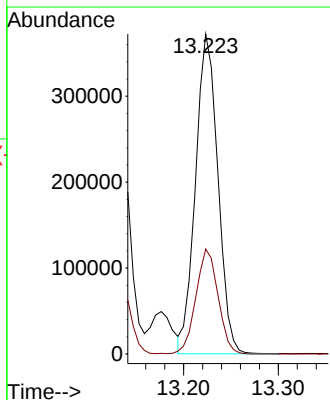
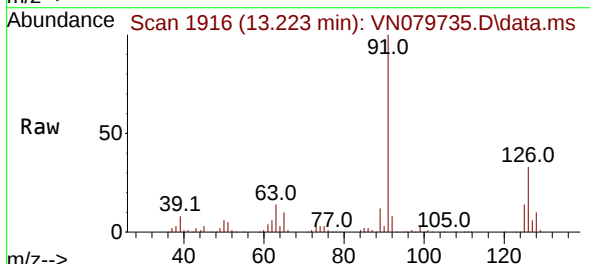
Manual Integrations
APPROVED

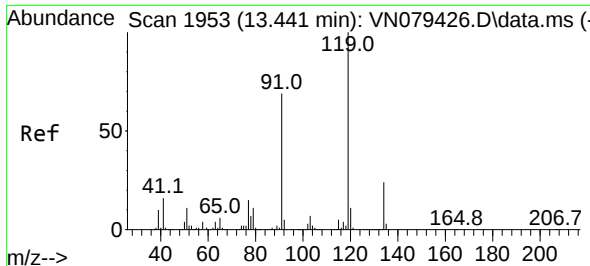
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#82
4-Chlorotoluene
Concen: 46.641 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

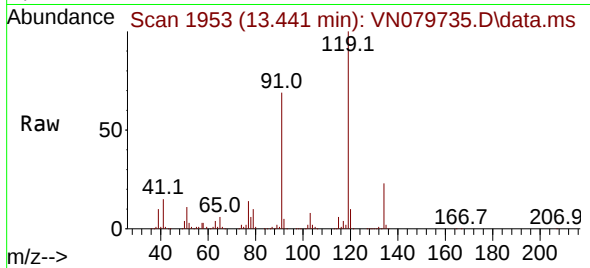
Tgt Ion: 91 Resp: 610345
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.050 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

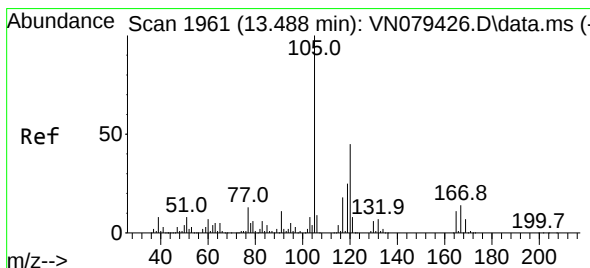
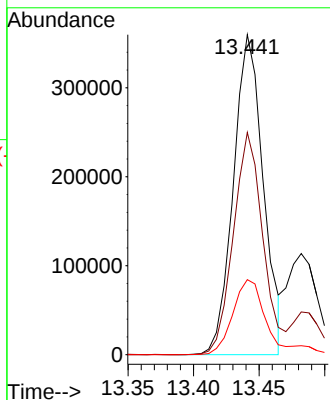
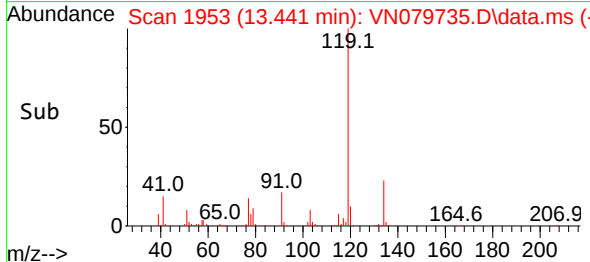
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



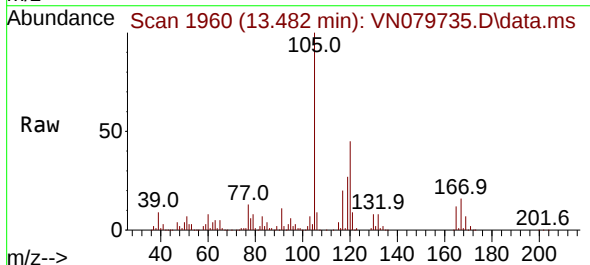
Tgt Ion:119 Resp: 571011
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 27.0 13.2 39.6

Manual Integrations
APPROVED

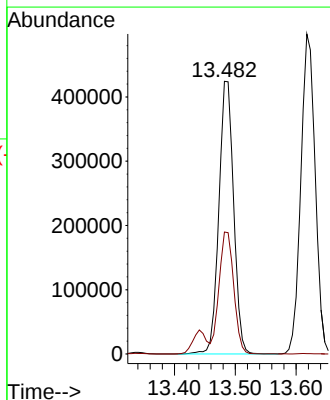
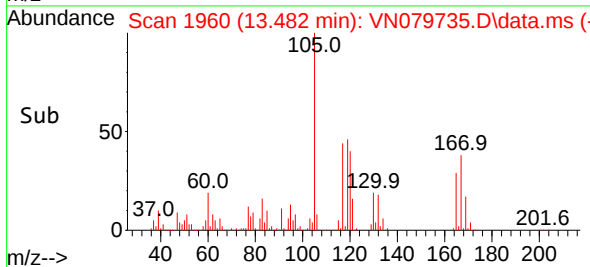
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

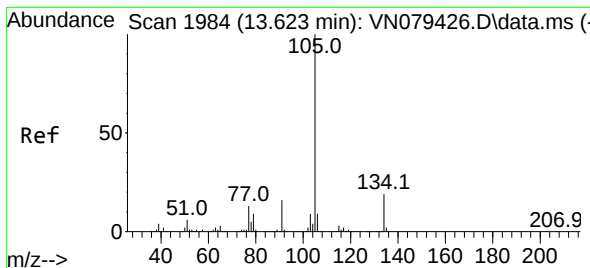


#84
1,2,4-Trimethylbenzene
Concen: 47.918 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



Tgt Ion:105 Resp: 714960
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.042 ug/l

RT: 13.617 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 814010

Ion Ratio Lower Upper

105 100

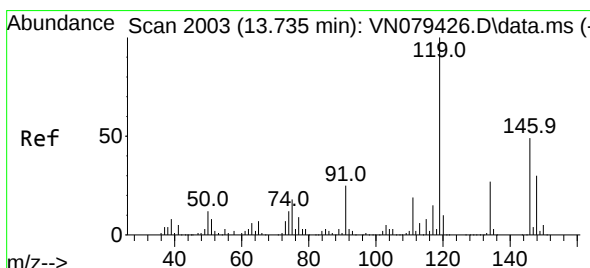
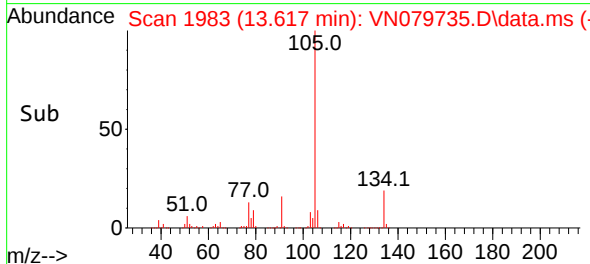
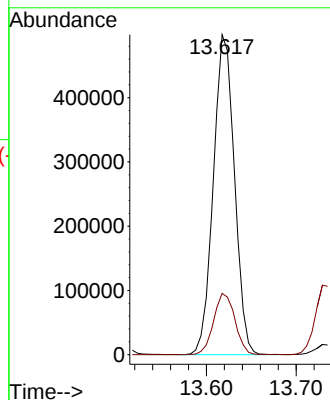
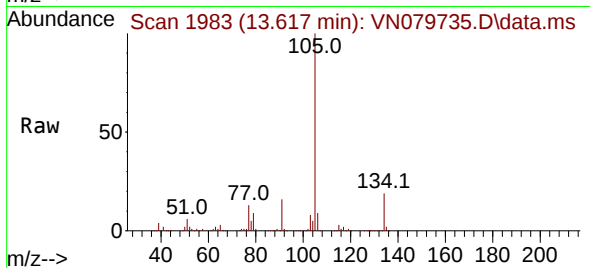
134 19.3 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#86

p-Isopropyltoluene

Concen: 47.458 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

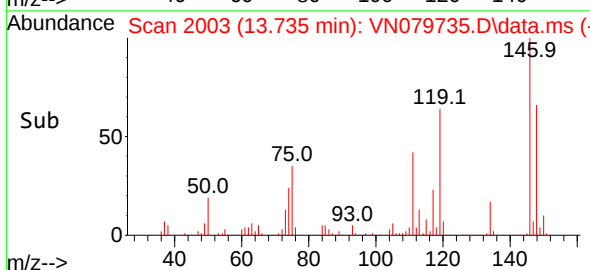
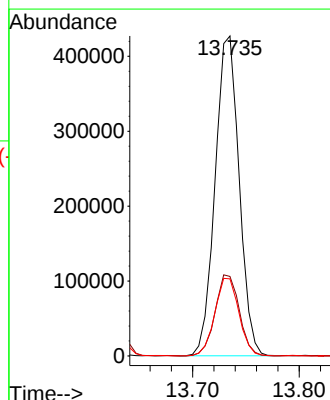
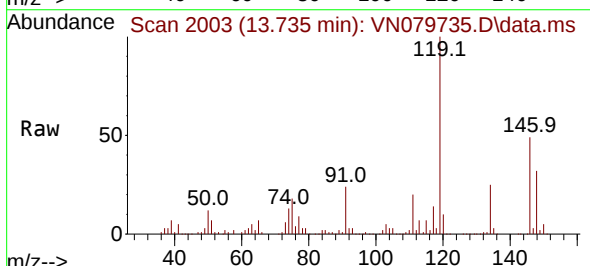
Tgt Ion:119 Resp: 668283

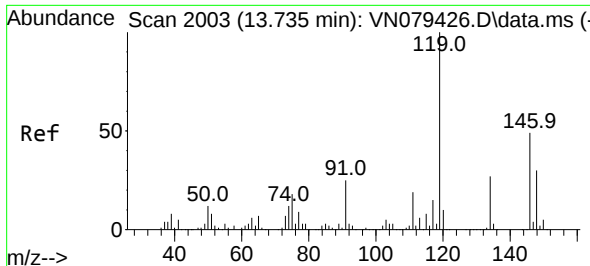
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

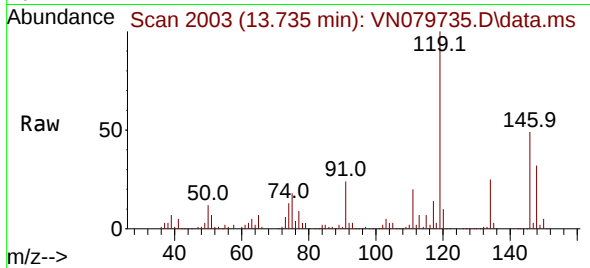
91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.850 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

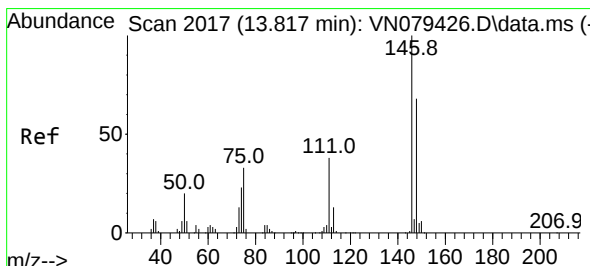
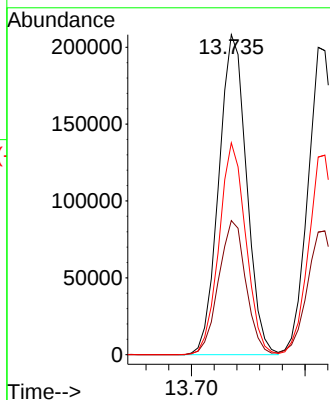
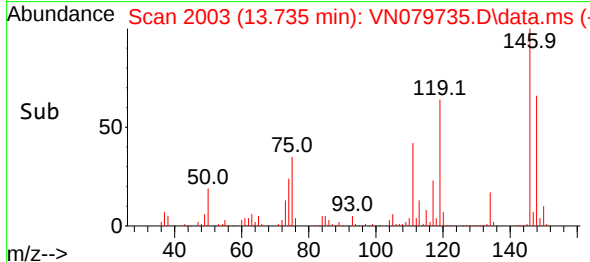
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



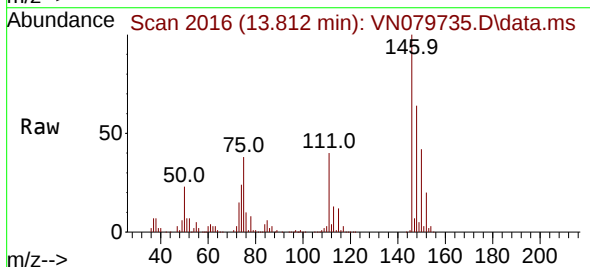
Tgt Ion:146 Resp: 35364
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.3
148 63.7 32.0 96.0

Manual Integrations
APPROVED

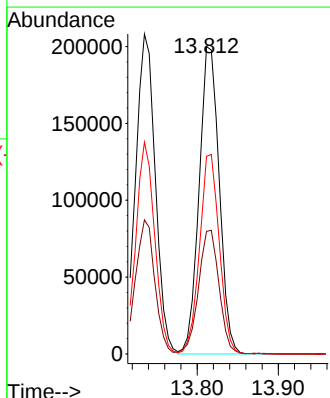
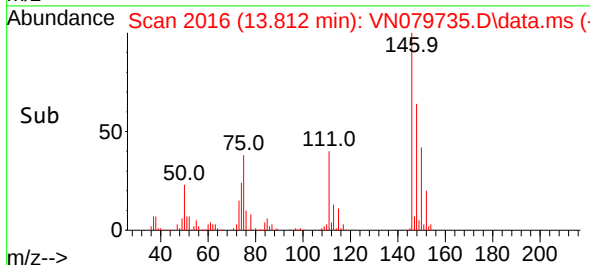
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

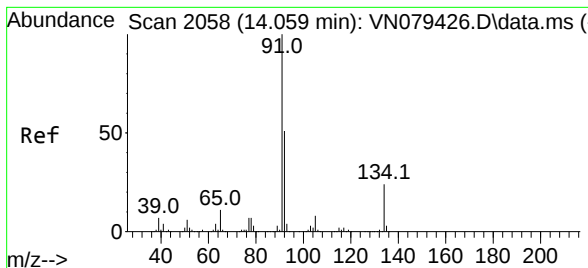


#88
1,4-Dichlorobenzene
Concen: 45.797 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.005 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



Tgt Ion:146 Resp: 344382
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.8
148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 48.361 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

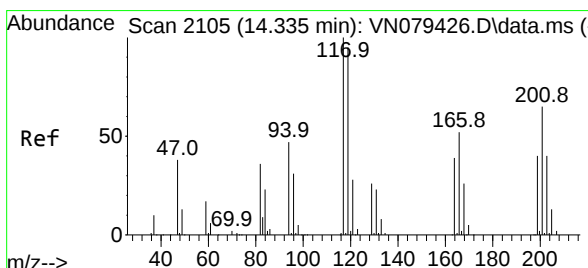
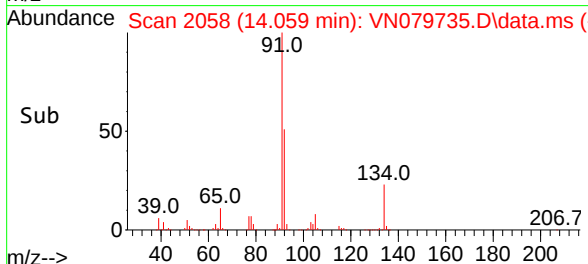
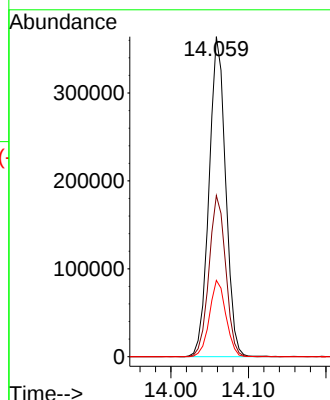
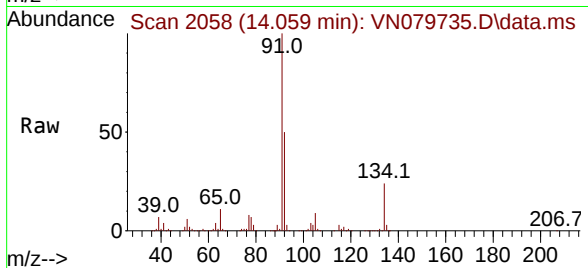
Tgt Ion:	91	Resp:	541040
Ion Ratio	Lower	Upper	
91	100		
92	50.7	26.4	79.0
134	23.6	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#90

Hexachloroethane

Concen: 43.911 ug/l

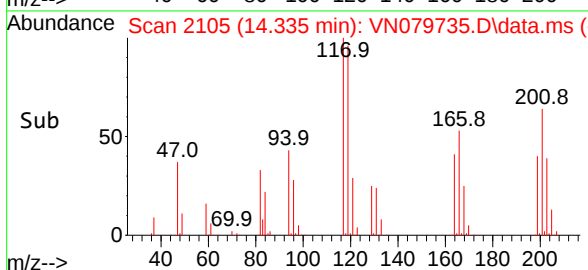
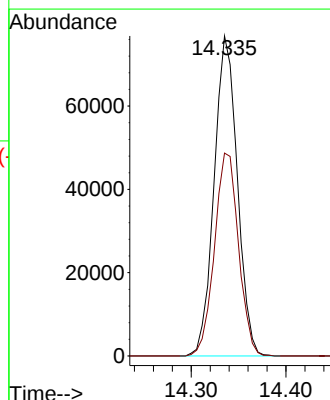
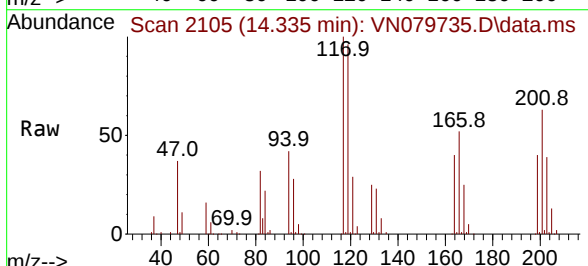
RT: 14.335 min Scan# 2105

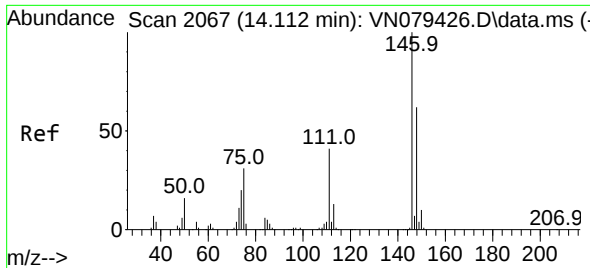
Delta R.T. 0.000 min

Lab File: VN079735.D

Acq: 31 Oct 2023 10:39

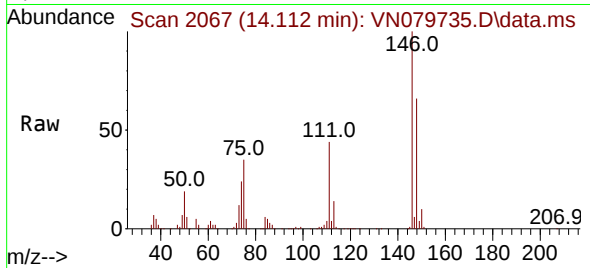
Tgt Ion:	117	Resp:	130650
Ion Ratio	Lower	Upper	
117	100		
201	65.8	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 46.076 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

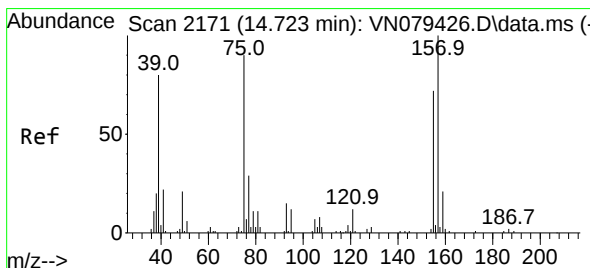
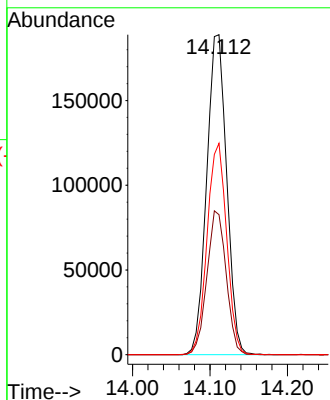
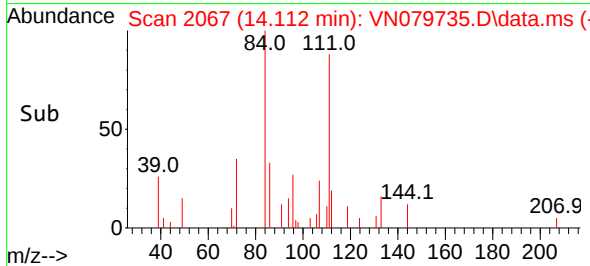
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 338278
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 64.7 31.8 95.3

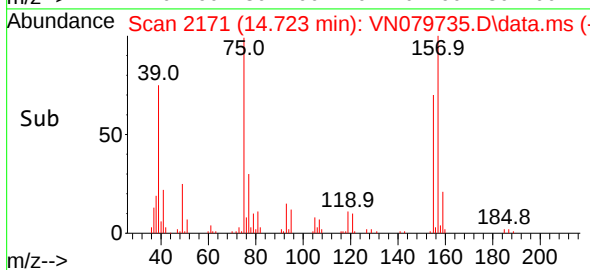
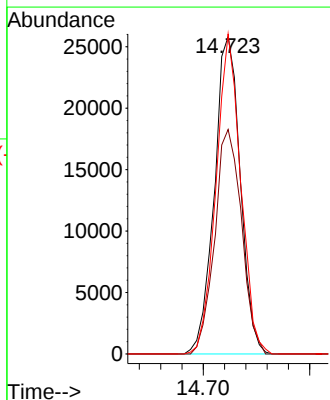
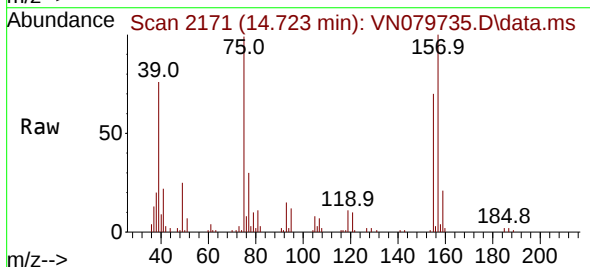
Manual Integrations
APPROVED

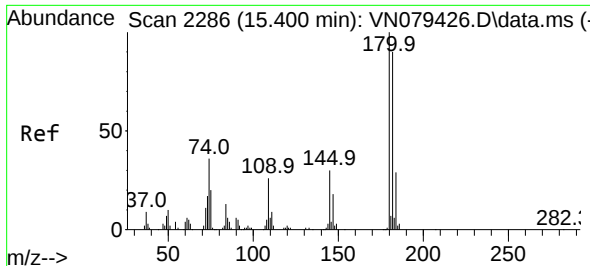
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.000 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

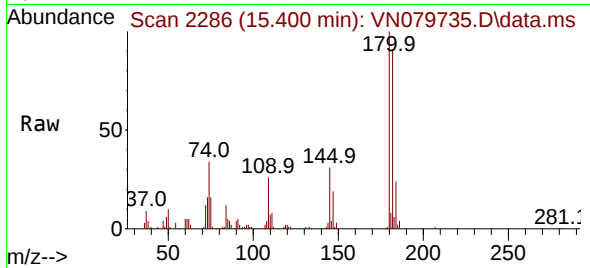
Tgt Ion: 75 Resp: 43509
Ion Ratio Lower Upper
75 100
155 73.3 39.1 117.2
157 95.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.781 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

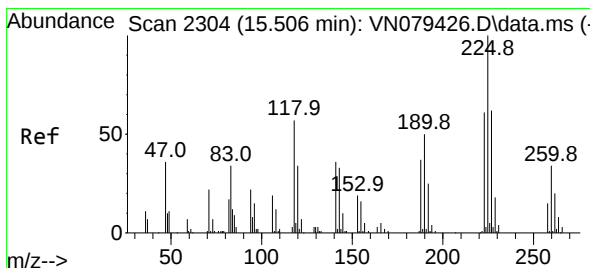
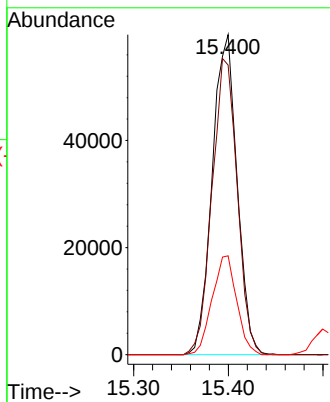
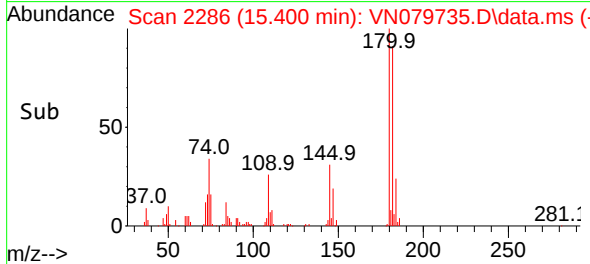
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



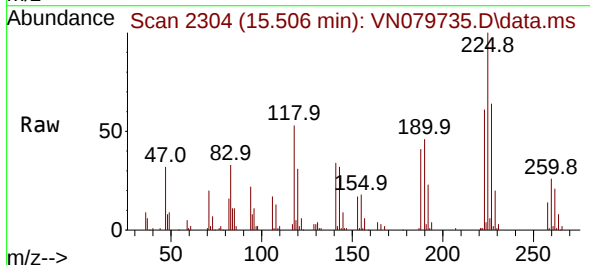
Tgt Ion:180 Resp: 108939
Ion Ratio Lower Upper
180 100
182 93.6 46.1 138.2
145 30.6 16.6 49.8

Manual Integrations
APPROVED

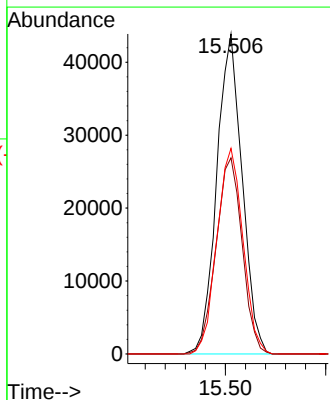
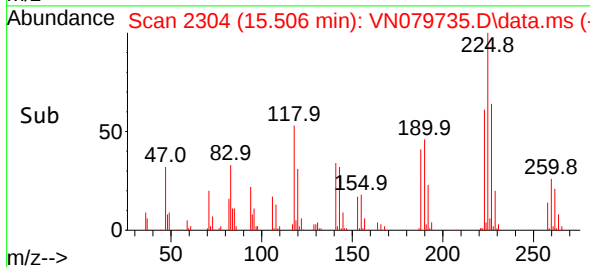
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

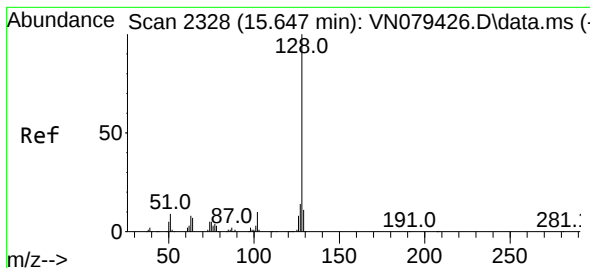


#94
Hexachlorobutadiene
Concen: 39.744 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



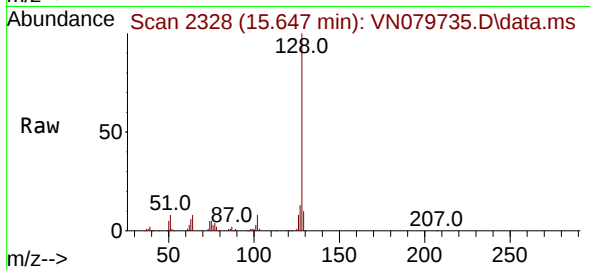
Tgt Ion:225 Resp: 77172
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.8
227 65.9 31.9 95.9





#95
Naphthalene
Concen: 41.972 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39

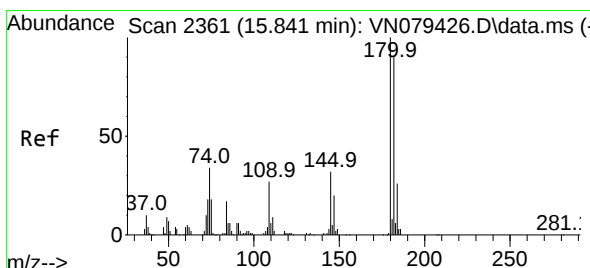
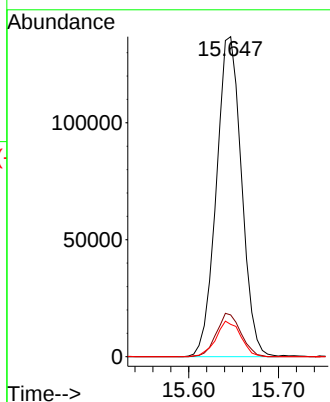
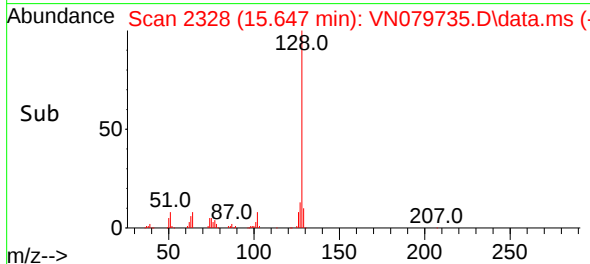
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



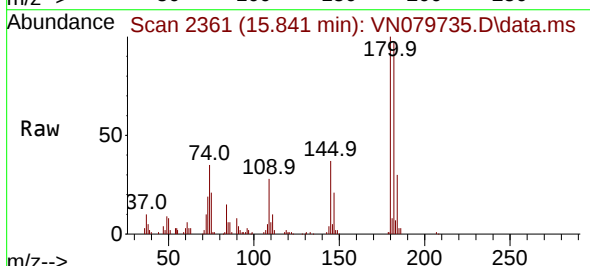
Tgt Ion:128 Resp: 266653
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.105 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079735.D
Acq: 31 Oct 2023 10:39



Tgt Ion:180 Resp: 110225
Ion Ratio Lower Upper
180 100
182 94.3 46.2 138.6
145 34.8 17.5 52.6

