

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079607.D
 Acq On : 19 Oct 2023 09:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 01:25:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	252454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	431948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	403497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	207832	50.773	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.540%			
35) Dibromofluoromethane	8.171	113	170562	54.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.900%			
50) Toluene-d8	10.570	98	620041	55.205	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.400%			
62) 4-Bromofluorobenzene	12.853	95	205720	57.074	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	165673	45.797	ug/l	98
3) Chloromethane	2.365	50	194281	43.042	ug/l	99
4) Vinyl Chloride	2.518	62	219434	46.737	ug/l	96
5) Bromomethane	2.947	94	116983	41.621	ug/l	98
6) Chloroethane	3.124	64	145817	41.195	ug/l	98
7) Trichlorofluoromethane	3.500	101	266629	48.098	ug/l	100
8) Diethyl Ether	3.965	74	95531	48.339	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	155026	47.855	ug/l	98
10) Methyl Iodide	4.589	142	172017	61.193	ug/l	97
11) Tert butyl alcohol	5.524	59	111576	181.106	ug/l	98
12) 1,1-Dichloroethene	4.347	96	141785	47.535	ug/l	89
13) Acrolein	4.183	56	112392	183.214	ug/l	93
14) Allyl chloride	5.030	41	220953	45.903	ug/l	90
15) Acrylonitrile	5.724	53	411023	230.121	ug/l	99
16) Acetone	4.430	43	475387	292.806	ug/l	89
17) Carbon Disulfide	4.712	76	415207	44.627	ug/l	97
18) Methyl Acetate	5.024	43	332126	41.795	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	487738	50.326	ug/l	93
20) Methylene Chloride	5.283	84	176478	49.633	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	164905	47.335	ug/l #	83
22) Diisopropyl ether	6.677	45	553574	51.288	ug/l #	92
23) Vinyl Acetate	6.606	43	1518412	250.095	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	325087	49.213	ug/l	97
25) 2-Butanone	7.488	43	593113	246.135	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	259172	51.339	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	193218	51.053	ug/l	87
28) Bromochloromethane	7.818	49	157517	50.117	ug/l #	74
29) Tetrahydrofuran	7.841	42	359589	230.732	ug/l #	76
30) Chloroform	7.971	83	337145	50.514	ug/l	95
31) Cyclohexane	8.259	56	263167	45.324	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	279321	49.729	ug/l	94
36) 1,1-Dichloropropene	8.377	75	248947	53.435	ug/l	95
37) Ethyl Acetate	7.565	43	227964	49.175	ug/l #	90
38) Carbon Tetrachloride	8.365	117	240783	51.626	ug/l	99
39) Methylcyclohexane	9.606	83	234008	52.280	ug/l #	88
40) Benzene	8.612	78	734463	53.083	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	117891	48.373	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	259413	51.599	ug/l	98
43) Isopropyl Acetate	8.694	43	370928	45.672	ug/l #	90
44) Trichloroethene	9.353	130	169243	51.970	ug/l	99
45) 1,2-Dichloropropane	9.623	63	193382	53.047	ug/l	99
46) Dibromomethane	9.712	93	127510	54.006	ug/l	95
47) Bromodichloromethane	9.888	83	264238	54.407	ug/l	99
48) Methyl methacrylate	9.682	41	176886	50.825	ug/l #	81
49) 1,4-Dioxane	9.700	88	58535	913.111	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1155595	252.057	ug/l	89
52) Toluene	10.635	92	447131	54.900	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	265316	54.209	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	293545	54.788	ug/l #	88
55) 1,1,2-Trichloroethane	11.023	97	175520	53.681	ug/l	98
56) Ethyl methacrylate	10.876	69	252771	56.259	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	311953	55.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	431976	251.052	ug/l	89
59) 2-Hexanone	11.200	43	856897	259.013	ug/l	89
60) Dibromochloromethane	11.365	129	186131	56.641	ug/l	100
61) 1,2-Dibromoethane	11.470	107	170085	52.417	ug/l	98
64) Tetrachloroethene	11.106	164	140701	50.690	ug/l	97
65) Chlorobenzene	11.894	112	456013	50.748	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	172391	52.396	ug/l	97
67) Ethyl Benzene	11.965	91	847673	54.273	ug/l	95
68) m/p-Xylenes	12.076	106	643147	113.331	ug/l	95
69) o-Xylene	12.400	106	304185	54.504	ug/l	92
70) Styrene	12.412	104	519358	58.914	ug/l	99
71) Bromoform	12.582	173	119155	49.483	ug/l #	99
73) Isopropylbenzene	12.700	105	780065	47.092	ug/l	99
74) N-amyl acetate	12.494	43	301300	44.369	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	253185	47.289	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	220619m	42.974	ug/l	
77) Bromobenzene	12.982	156	180229	44.374	ug/l	95
78) n-propylbenzene	13.035	91	941841	50.255	ug/l	97
79) 2-Chlorotoluene	13.129	91	561780	46.844	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	656815	50.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	73668	41.637	ug/l #	86
82) 4-Chlorotoluene	13.223	91	551932	48.365	ug/l	99
83) tert-Butylbenzene	13.441	119	518054	48.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	655479	52.583	ug/l	100
85) sec-Butylbenzene	13.617	105	750067	50.248	ug/l	99
86) p-Isopropyltoluene	13.729	119	612019	53.445	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	316520	49.134	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	313979	47.202	ug/l	100
89) n-Butylbenzene	14.059	91	496725	54.319	ug/l	99
90) Hexachloroethane	14.335	117	117988	50.767	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	313378	49.871	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38214	39.896	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	98931	50.834	ug/l	99
94) Hexachlorobutadiene	15.505	225	70536	46.535	ug/l	99
95) Naphthalene	15.647	128	242285	40.769	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	103045	44.369	ug/l	98

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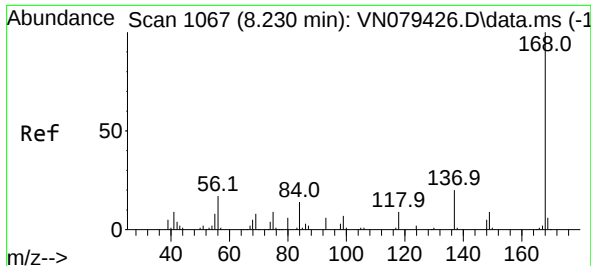
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

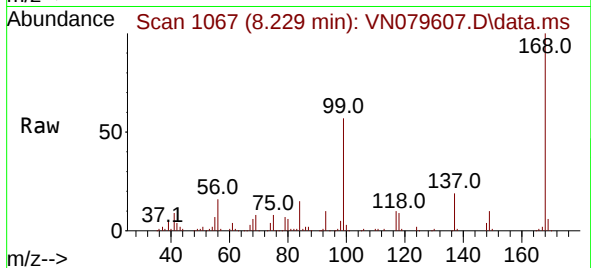
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

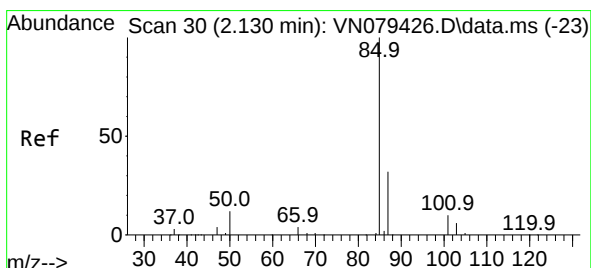
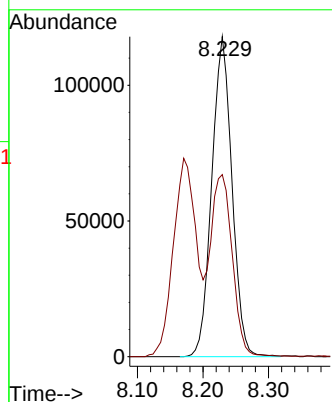
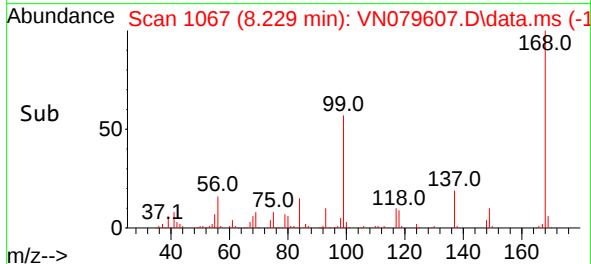
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 252454
Ion Ratio Lower Upper
168 100
99 56.7 53.0 79.6

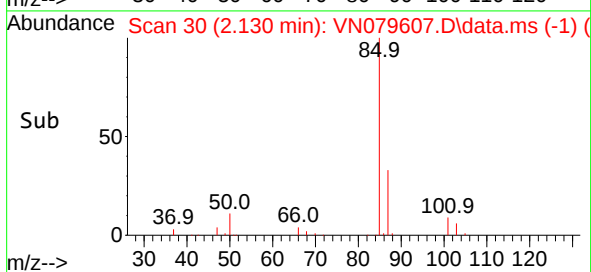
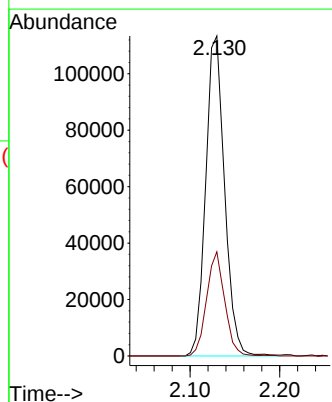
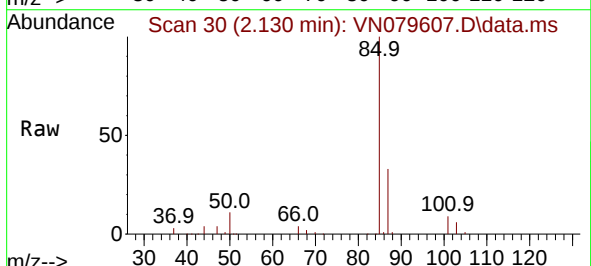
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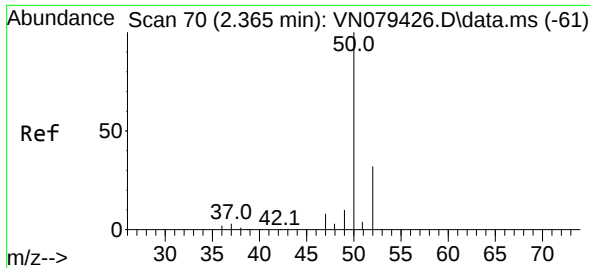
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 45.797 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

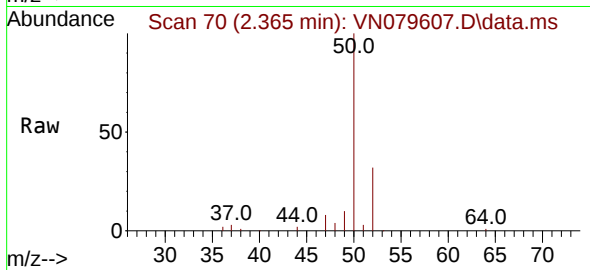
Tgt Ion: 85 Resp: 165673
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.4





#3
Chloromethane
Concen: 43.042 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

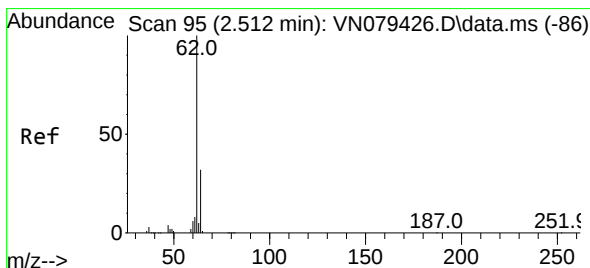
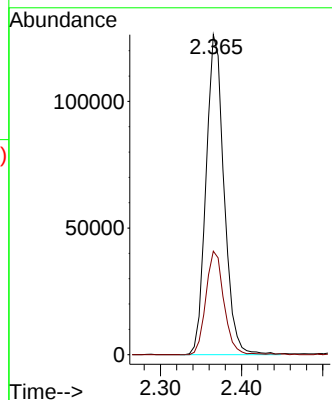
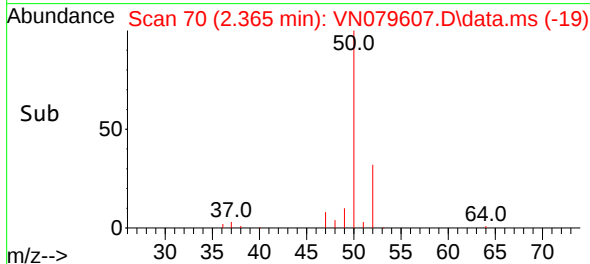
Instrument :
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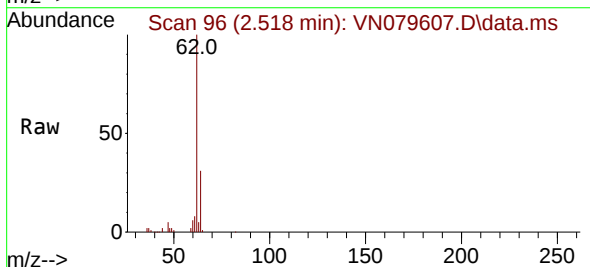
Tgt Ion: 50 Resp: 19428
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

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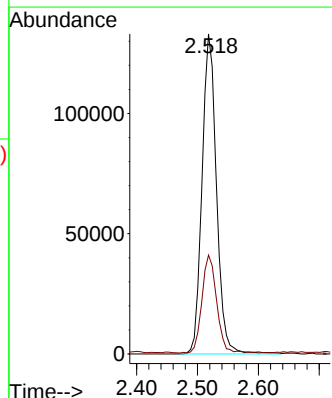
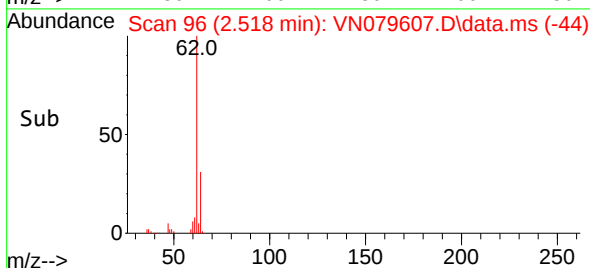
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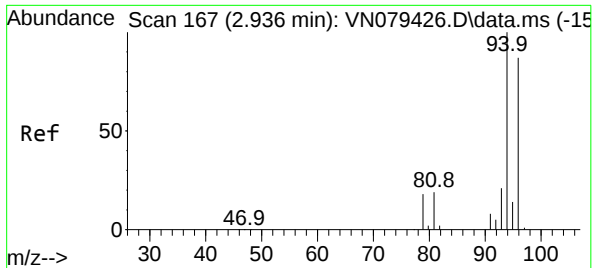


#4
Vinyl Chloride
Concen: 46.737 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



Tgt Ion: 62 Resp: 219434
Ion Ratio Lower Upper
62 100
64 30.6 26.2 39.2





#5

Bromomethane

Concen: 41.621 ug/l

RT: 2.947 min Scan# 11698

Delta R.T. 0.012 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 11698

Ion Ratio Lower Upper

94 100

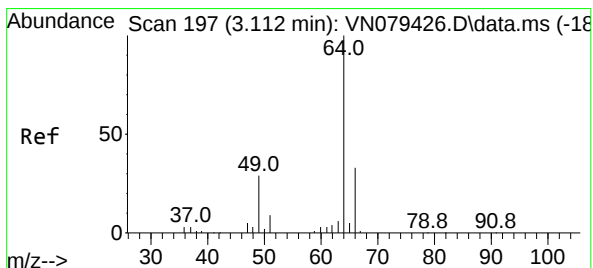
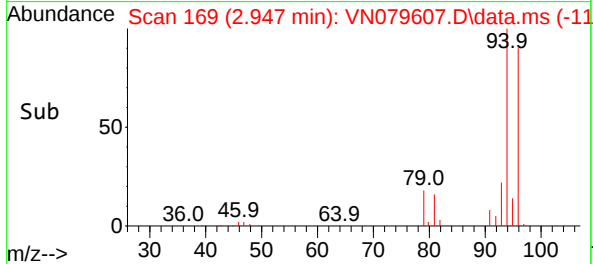
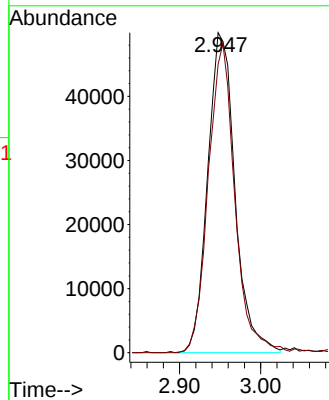
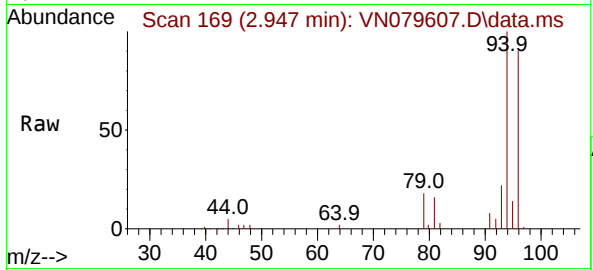
96 89.8 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 41.195 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN079607.D

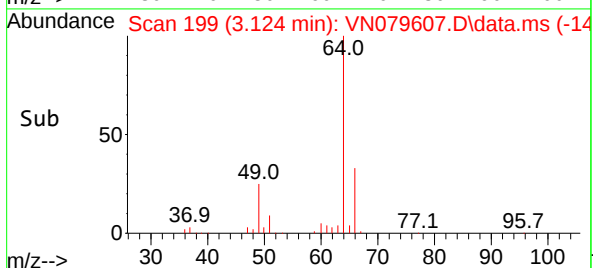
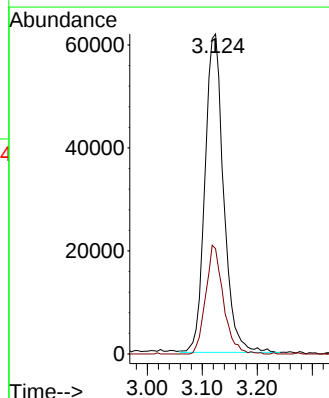
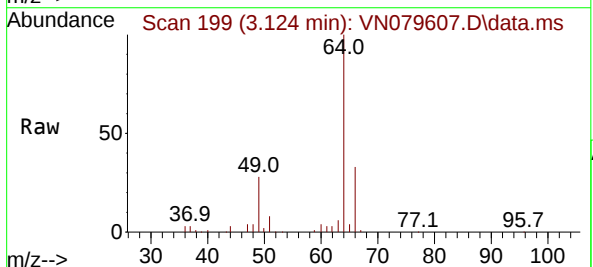
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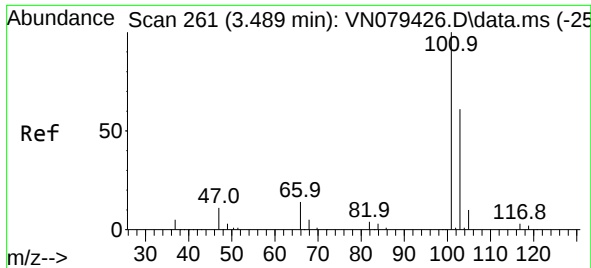
Tgt Ion: 64 Resp: 145817

Ion Ratio Lower Upper

64 100

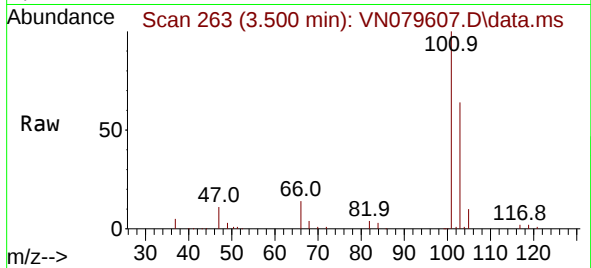
66 33.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.098 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

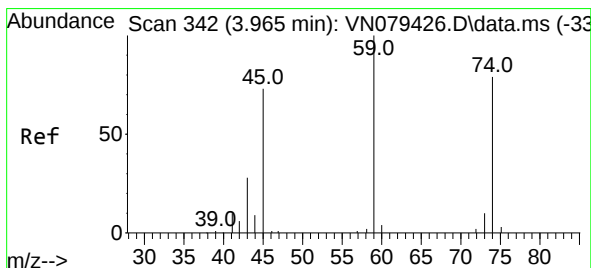
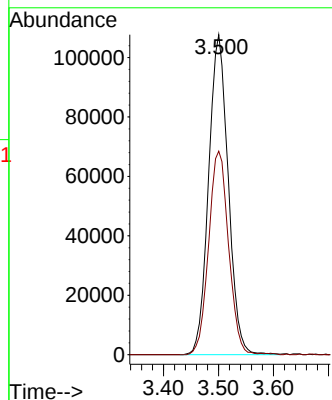
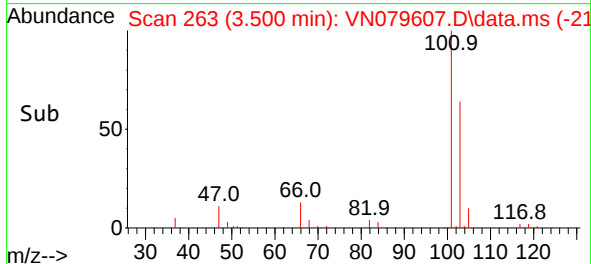
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 266629
Ion Ratio Lower Upper
101 100
103 63.6 50.7 76.1

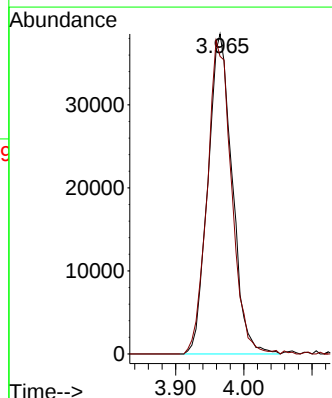
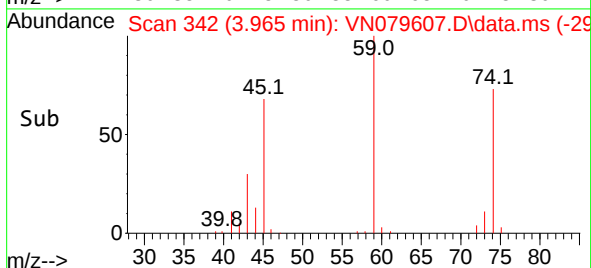
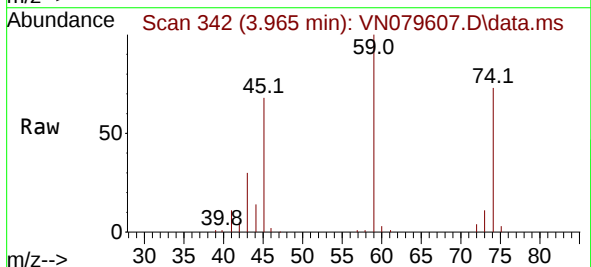
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#8
Diethyl Ether
Concen: 48.339 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079607.D
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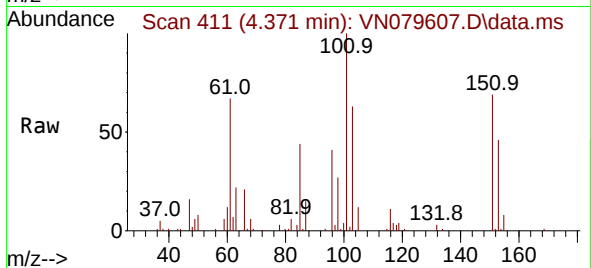
Tgt Ion: 74 Resp: 95531
Ion Ratio Lower Upper
74 100
45 98.2 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.855 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

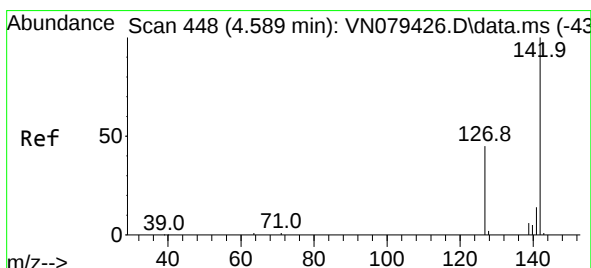
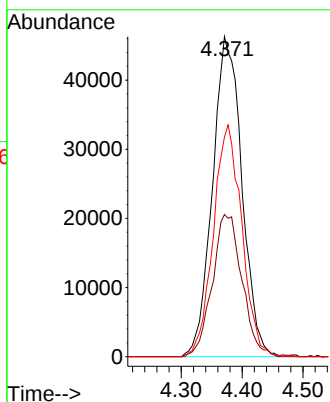
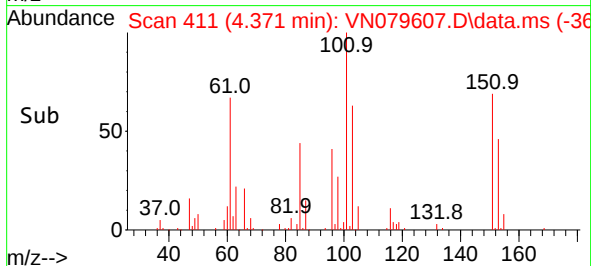
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:101 Resp: 155020
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 70.3 57.6 86.4

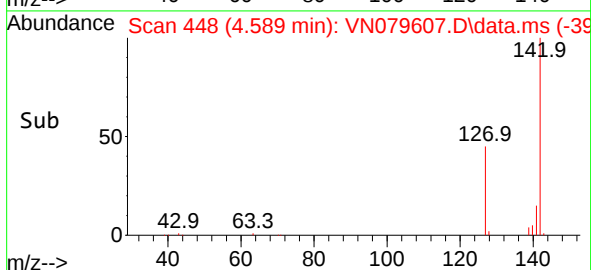
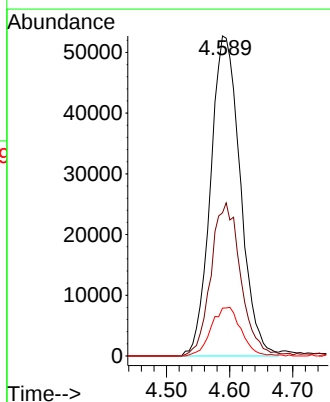
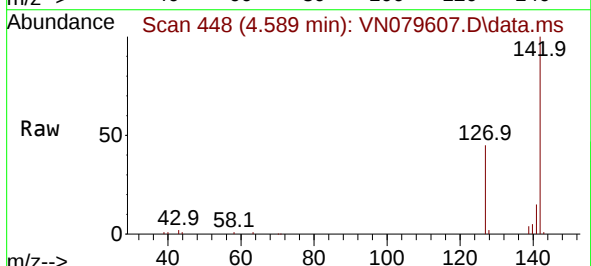
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 61.193 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

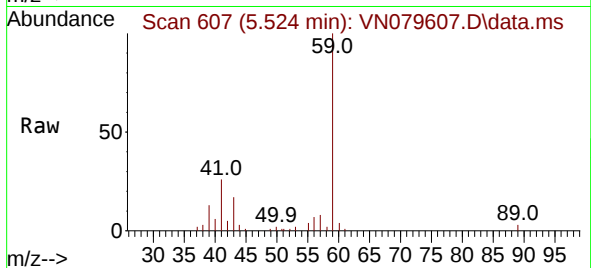
Tgt Ion:142 Resp: 172017
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 15.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 181.106 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

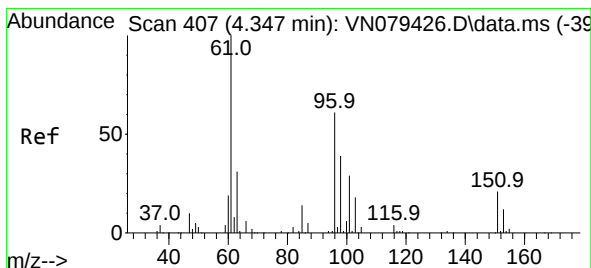
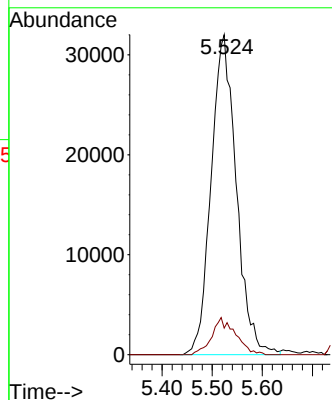
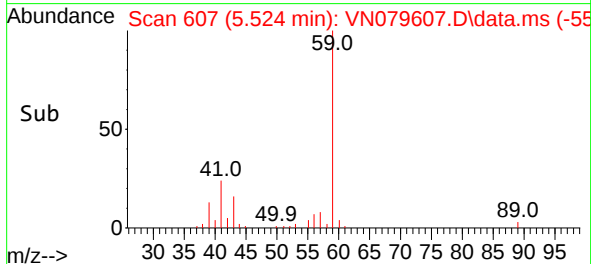
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 111570
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

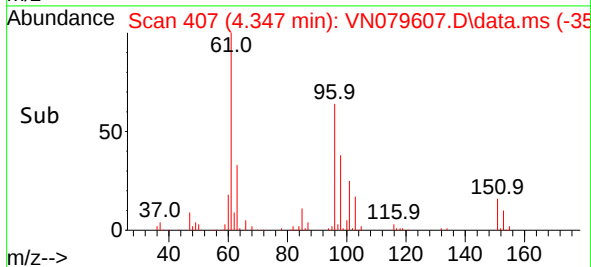
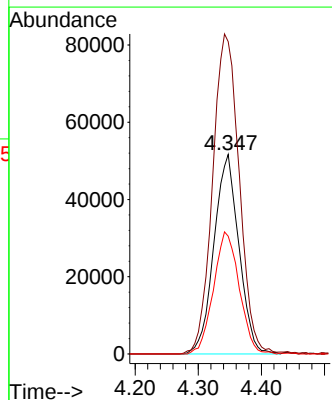
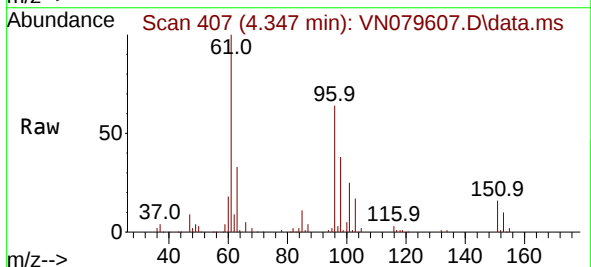
Manual Integrations
APPROVED

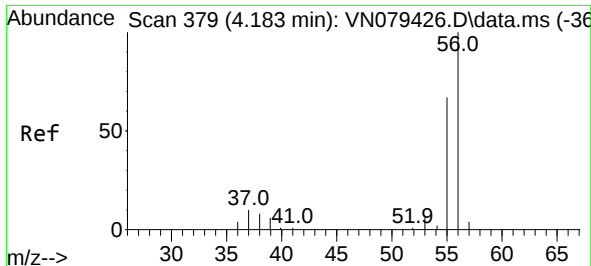
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 47.535 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

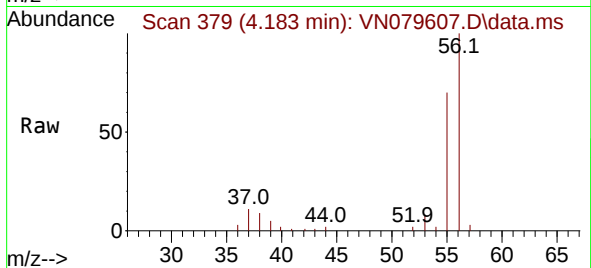
Tgt Ion: 96 Resp: 141785
Ion Ratio Lower Upper
96 100
61 156.6 112.7 169.1
98 59.0 51.2 76.8





#13
Acrolein
Concen: 183.214 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

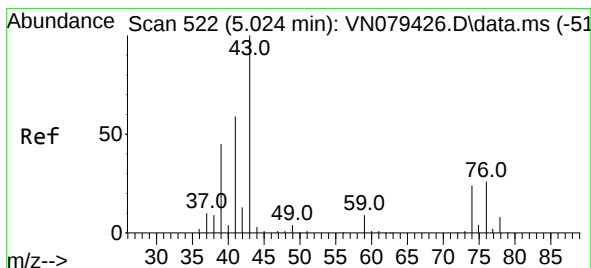
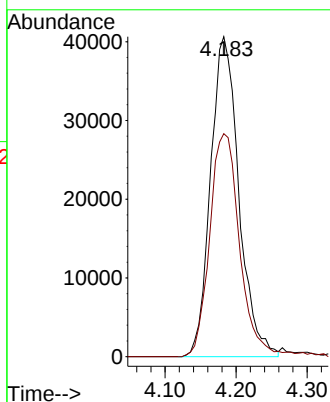
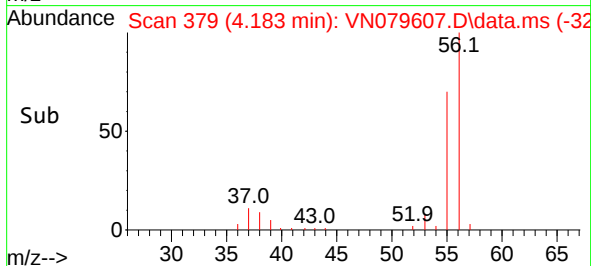
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



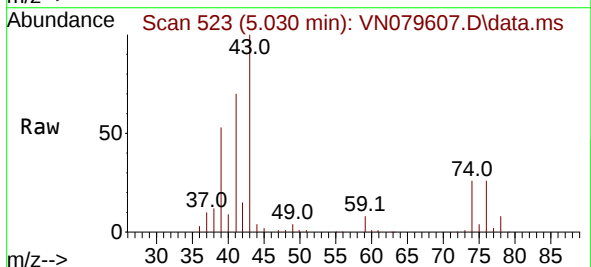
Tgt Ion: 56 Resp: 112392
Ion Ratio Lower Upper
56 100
55 73.8 54.5 81.7

Manual Integrations
APPROVED

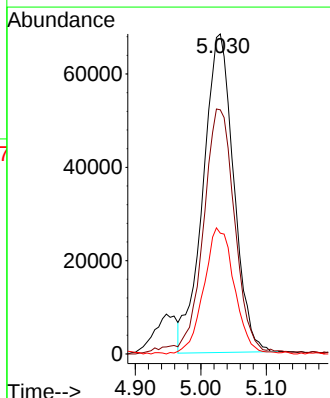
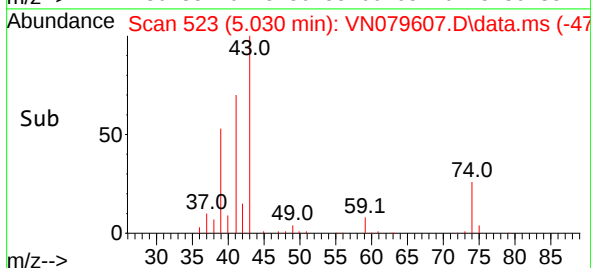
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

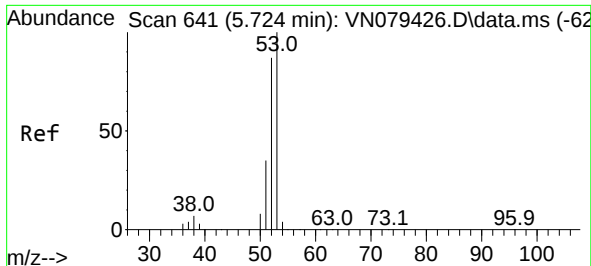


#14
Allyl chloride
Concen: 45.903 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



Tgt Ion: 41 Resp: 220953
Ion Ratio Lower Upper
41 100
39 80.6 58.8 88.2
76 39.7 39.1 58.7





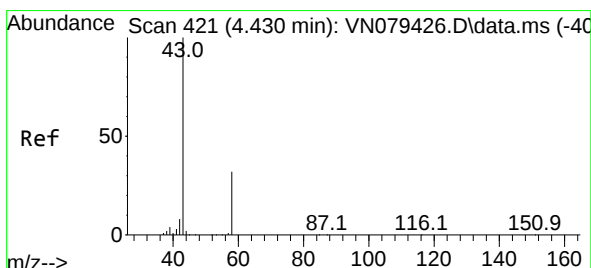
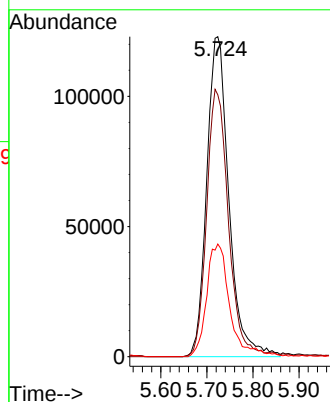
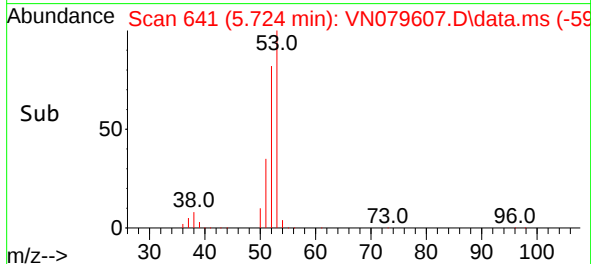
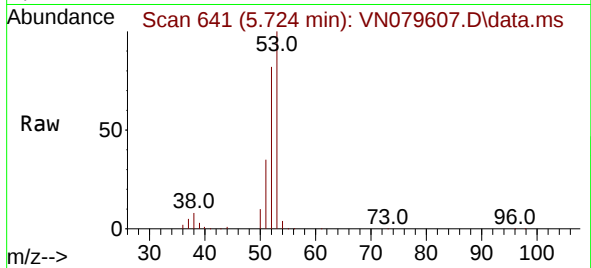
#15
Acrylonitrile
Concen: 230.121 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 411023
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.9 28.9 43.3

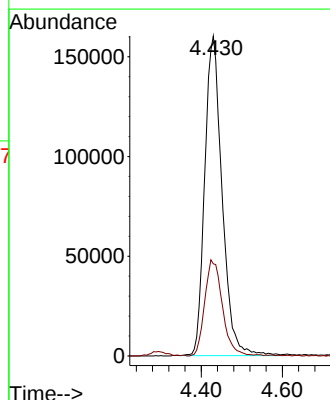
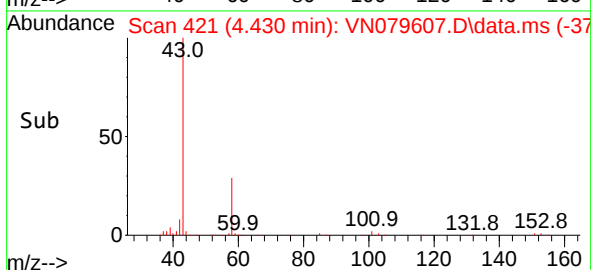
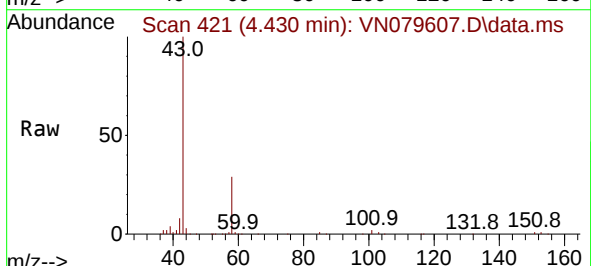
Manual Integrations
APPROVED

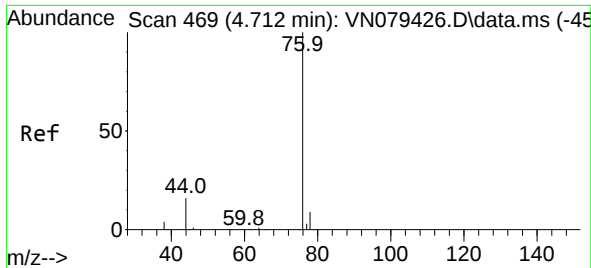
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 292.806 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

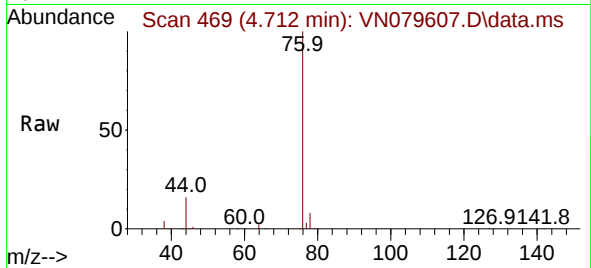
Tgt Ion: 43 Resp: 475387
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0





#17
Carbon Disulfide
Concen: 44.627 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

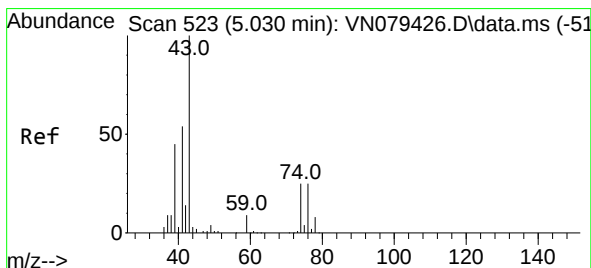
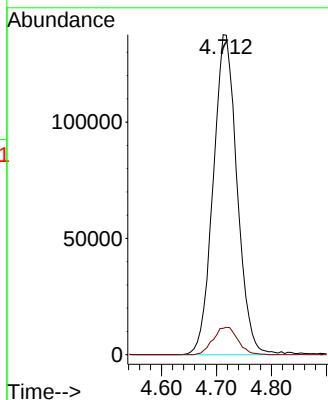
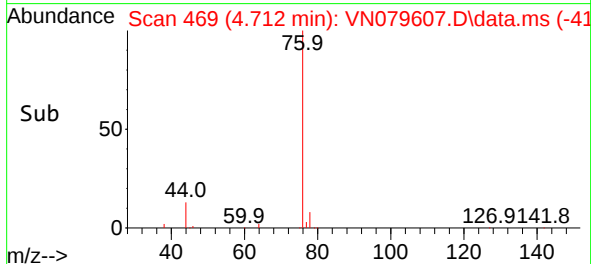
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 41520
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

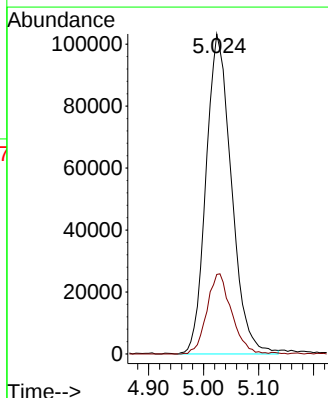
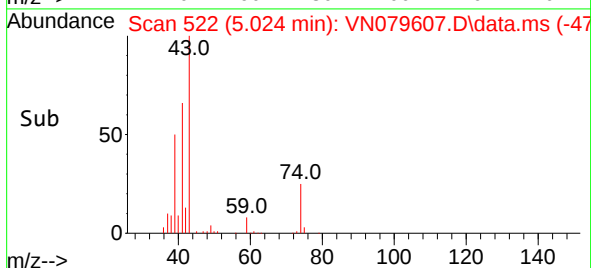
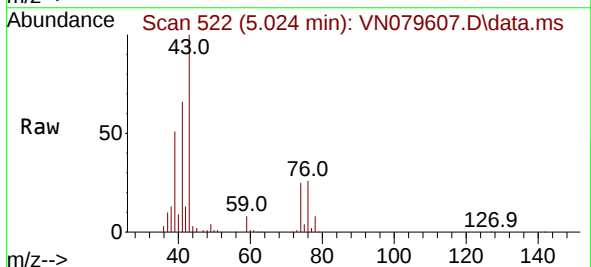
Manual Integrations
APPROVED

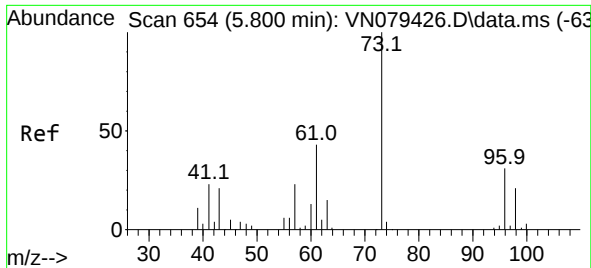
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 41.795 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Tgt Ion: 43 Resp: 332126
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#





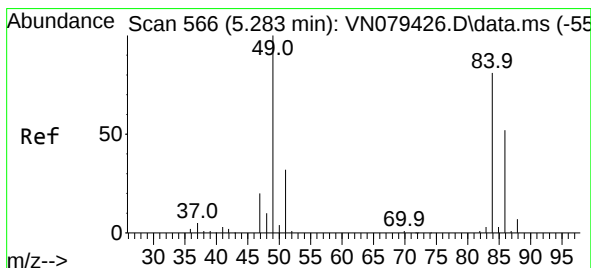
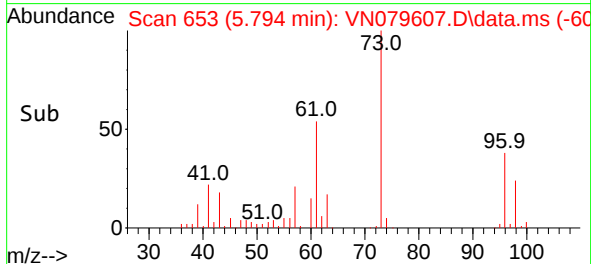
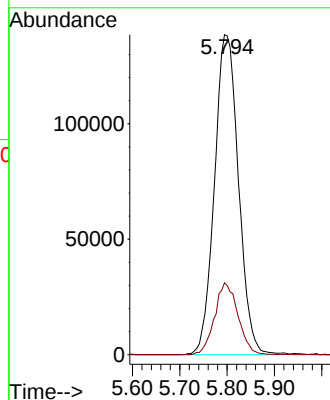
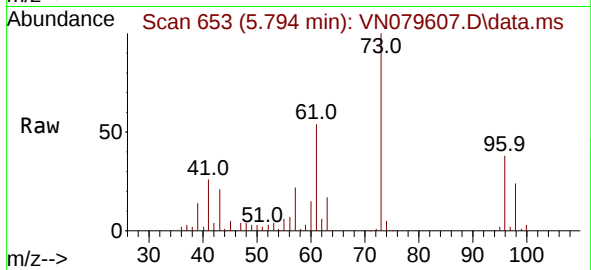
#19
Methyl tert-butyl Ether
Concen: 50.326 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 487738
Ion Ratio Lower Upper
73 100
57 22.5 15.6 23.4

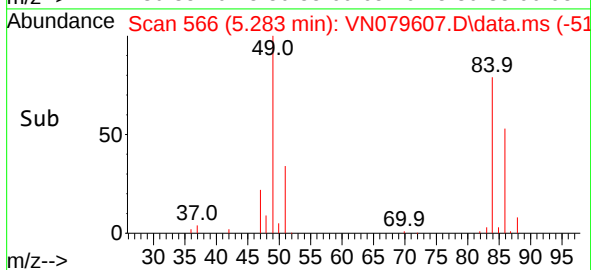
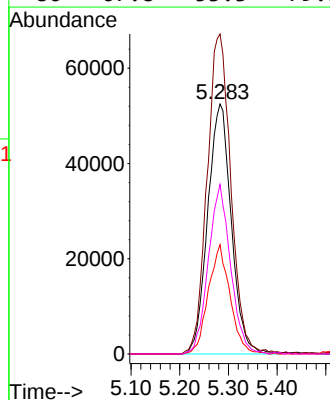
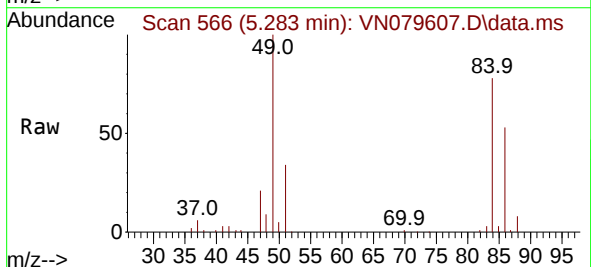
Manual Integrations
APPROVED

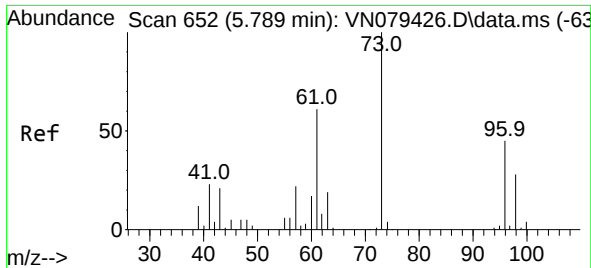
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 49.633 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

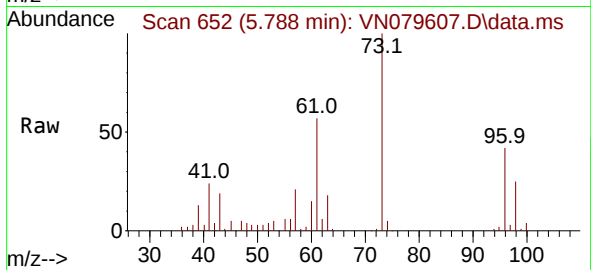
Tgt Ion: 84 Resp: 176478
Ion Ratio Lower Upper
84 100
49 128.1 79.7 119.5#
51 43.7 25.2 37.8#
86 67.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.335 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

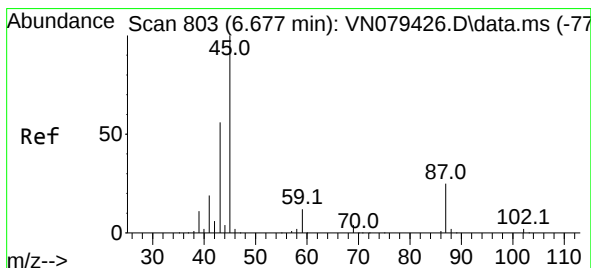
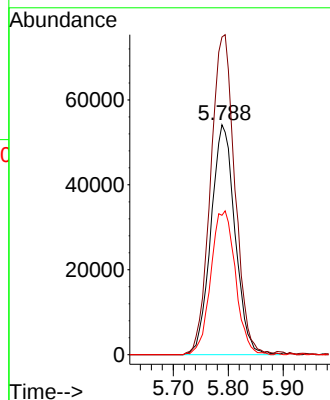
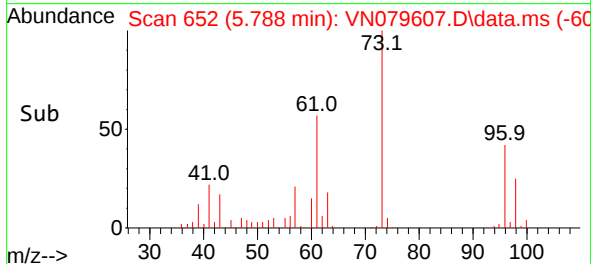
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 16490
Ion Ratio Lower Upper
96 100
61 138.1 90.1 135.1
98 60.6 46.4 69.6

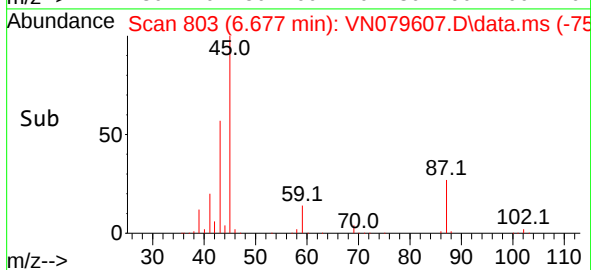
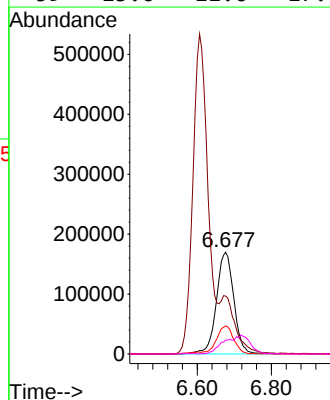
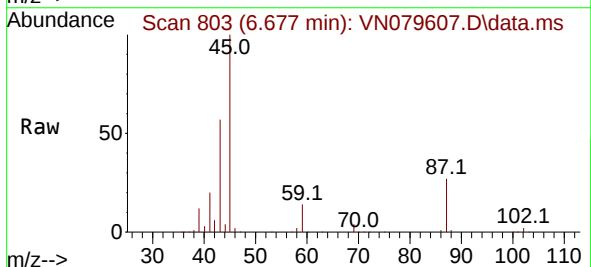
Manual Integrations
APPROVED

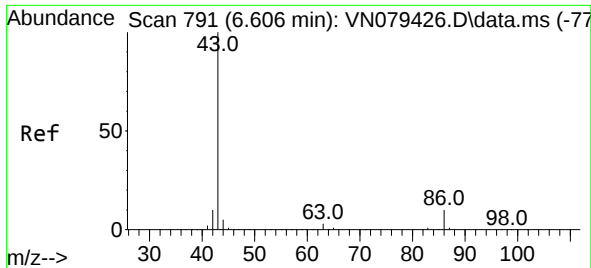
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#22
Diisopropyl ether
Concen: 51.288 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Tgt Ion: 45 Resp: 553574
Ion Ratio Lower Upper
45 100
43 56.0 45.5 68.3
87 27.5 31.8 47.8
59 13.6 11.6 17.4





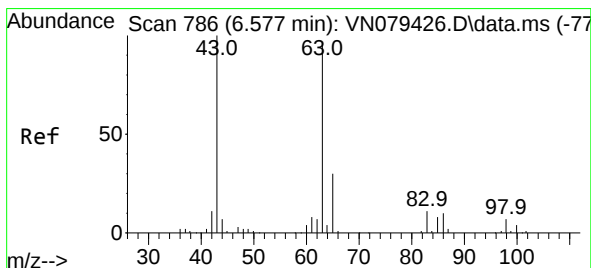
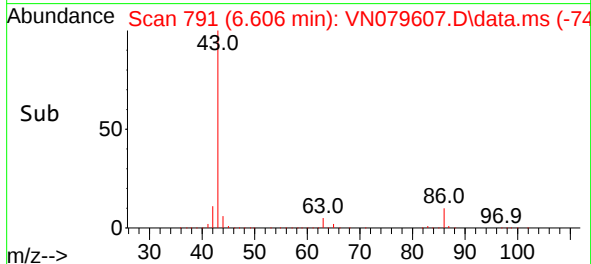
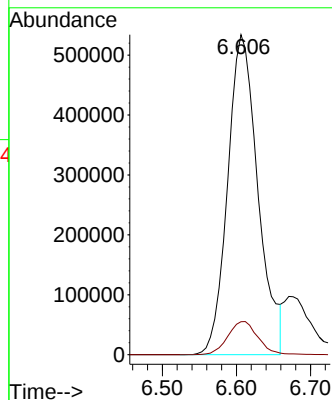
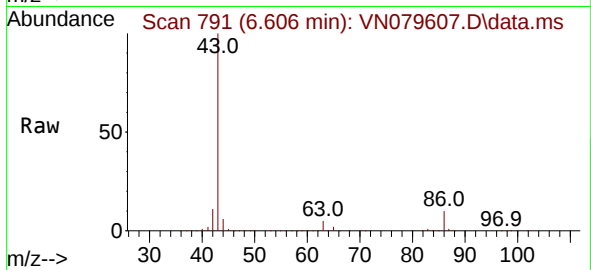
#23
 Vinyl Acetate
 Concen: 250.095 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079607.D
 Acq: 19 Oct 2023 09:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 151841
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6

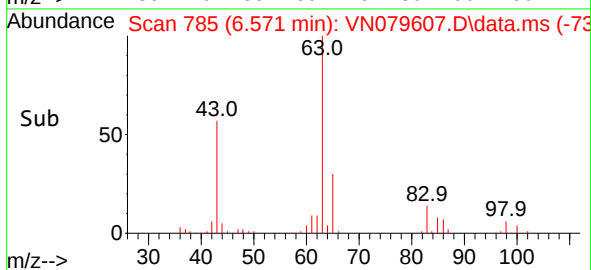
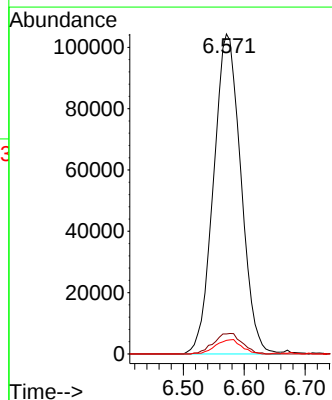
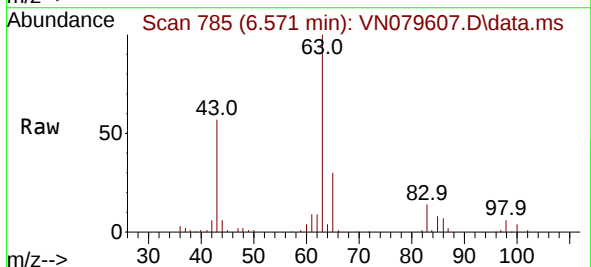
Manual Integrations
 APPROVED

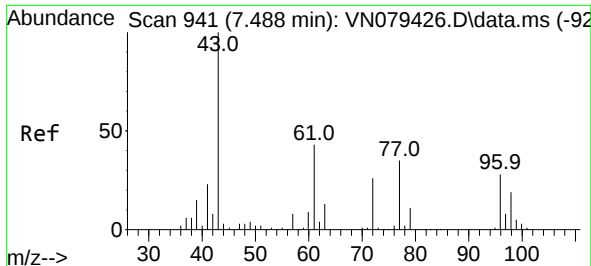
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 49.213 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079607.D
 Acq: 19 Oct 2023 09:27

Tgt Ion: 63 Resp: 325087
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.2 2.5 7.4





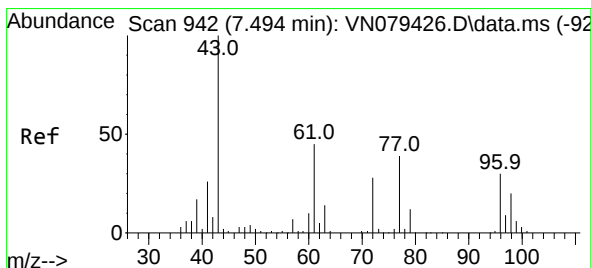
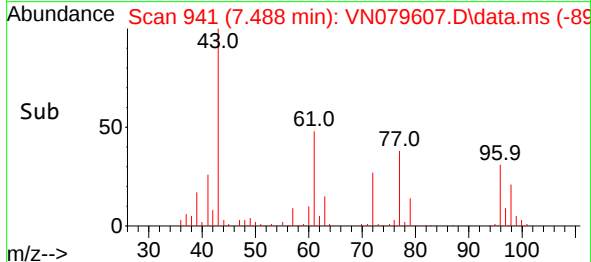
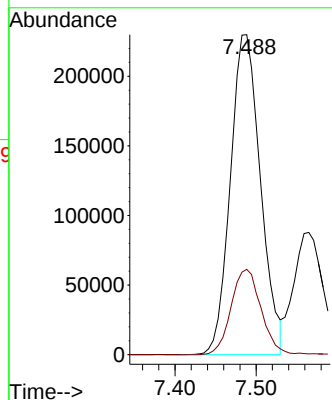
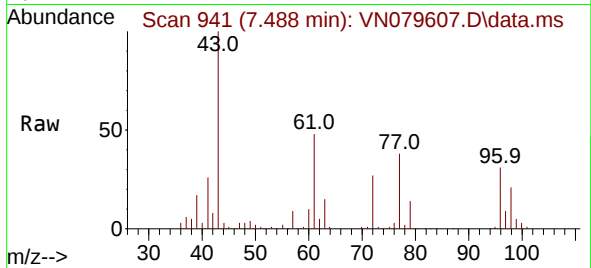
#25
2-Butanone
Concen: 246.135 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 59311
Ion Ratio Lower Upper
43 100
72 26.6 30.2 45.2

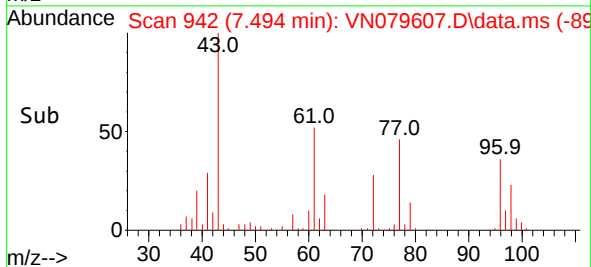
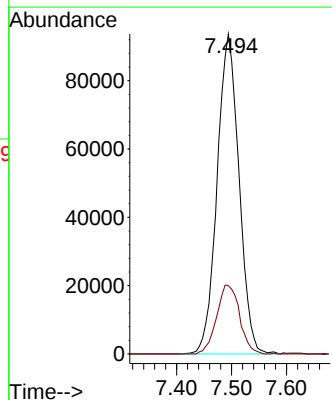
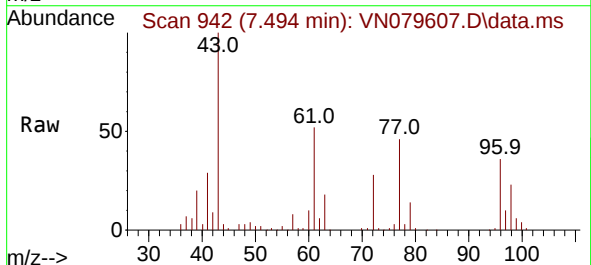
Manual Integrations
APPROVED

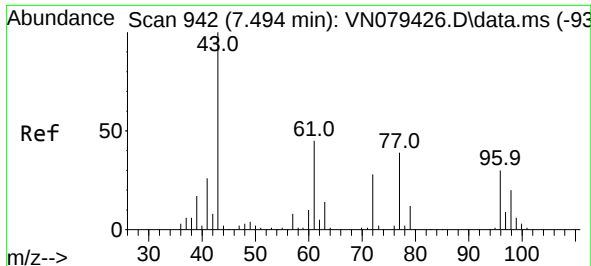
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 51.339 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

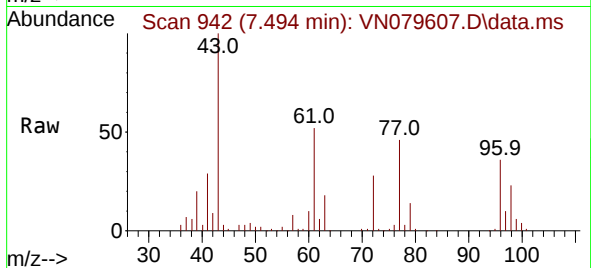
Tgt Ion: 77 Resp: 259172
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.053 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN079607.D
 Acq: 19 Oct 2023 09:27

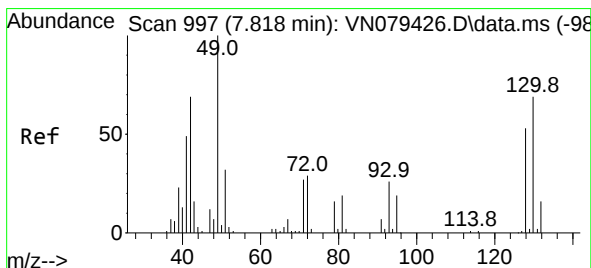
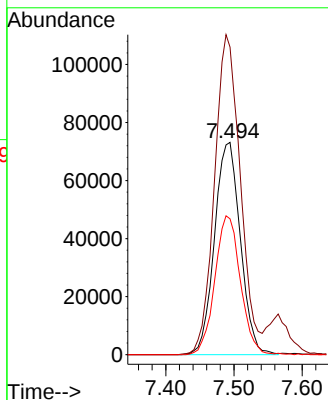
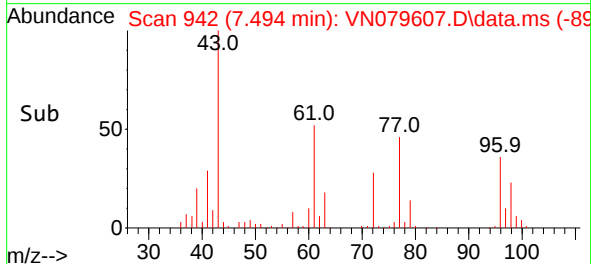
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 193218
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 255.2
 98 64.6 0.0 128.8

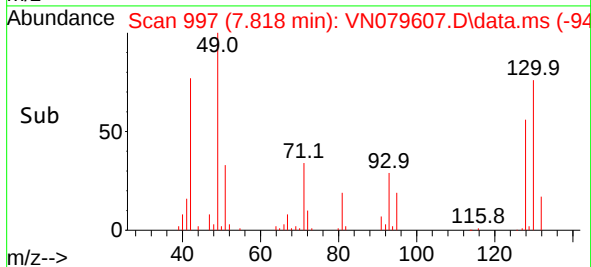
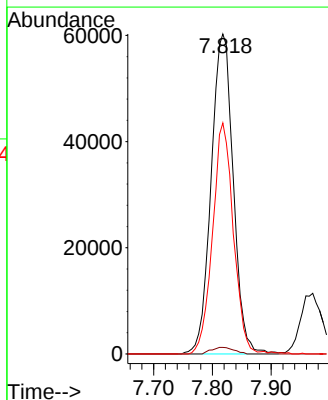
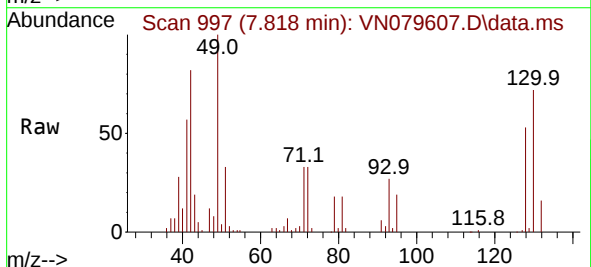
Manual Integrations
 APPROVED

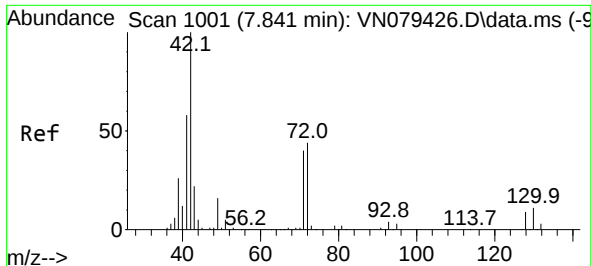
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#28
 Bromochloromethane
 Concen: 50.117 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079607.D
 Acq: 19 Oct 2023 09:27

Tgt Ion: 49 Resp: 157517
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 68.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 230.732 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 35958

Ion Ratio Lower Upper

42 100

72 43.6 49.8 74.6

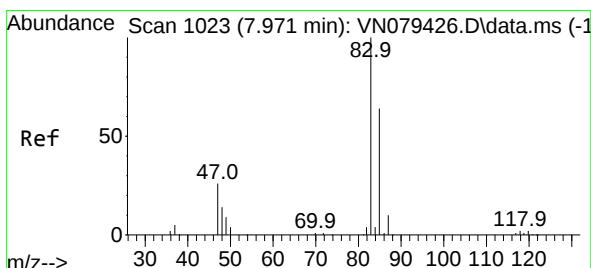
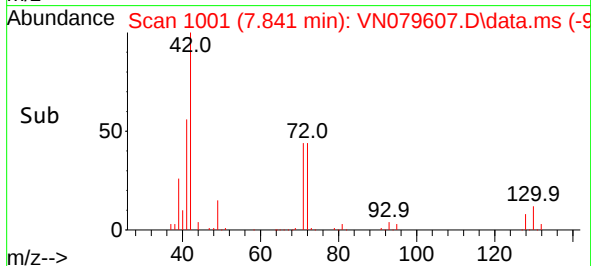
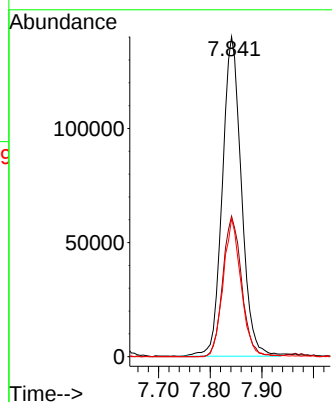
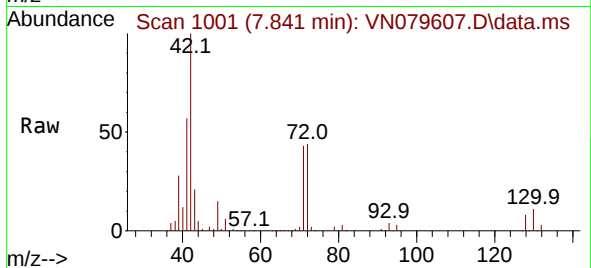
71 40.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 50.514 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079607.D

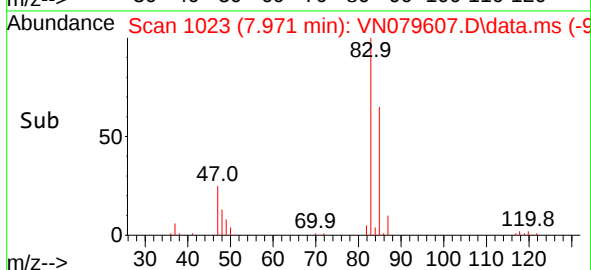
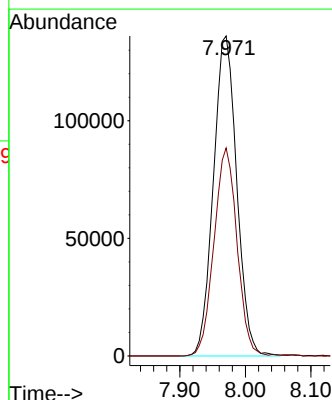
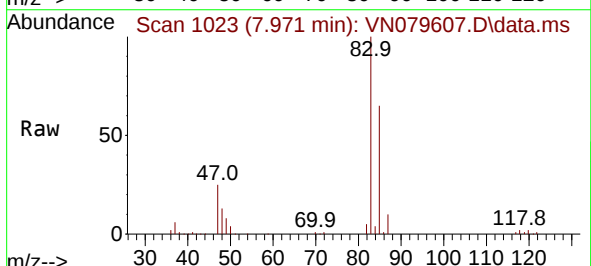
Acq: 19 Oct 2023 09:27

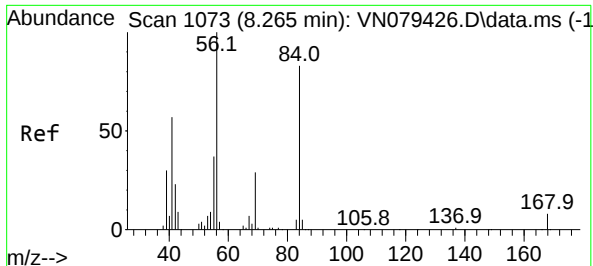
Tgt Ion: 83 Resp: 337145

Ion Ratio Lower Upper

83 100

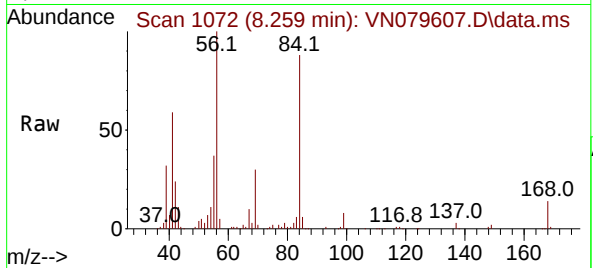
85 65.0 55.4 83.0





#31
Cyclohexane
Concen: 45.324 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

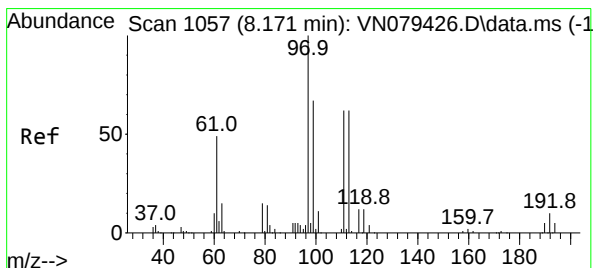
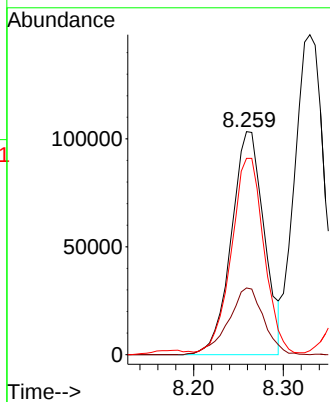
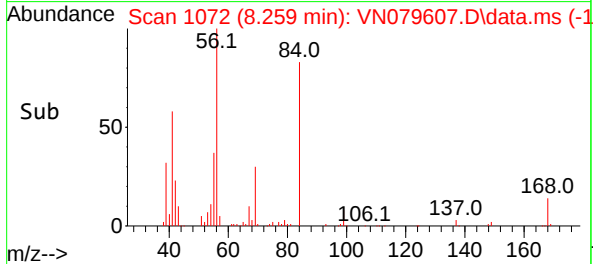
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 26316
Ion Ratio Lower Upper
56 100
69 30.0 26.8 40.2
84 86.0 81.8 122.6

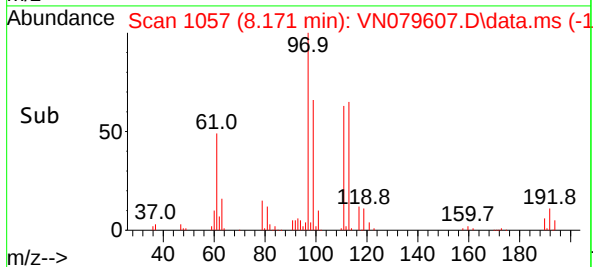
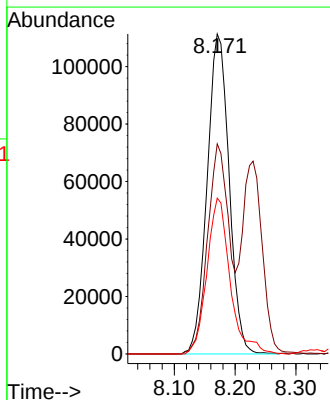
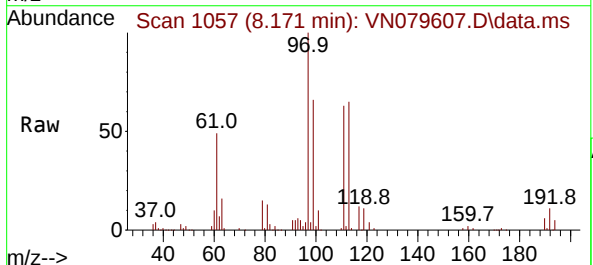
Manual Integrations
APPROVED

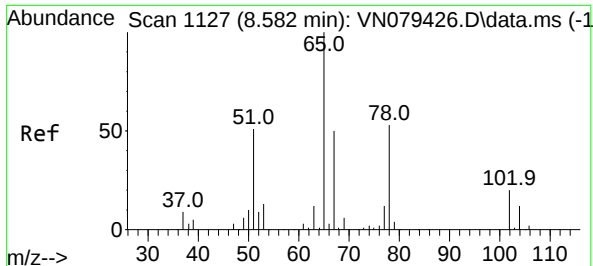
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 49.729 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

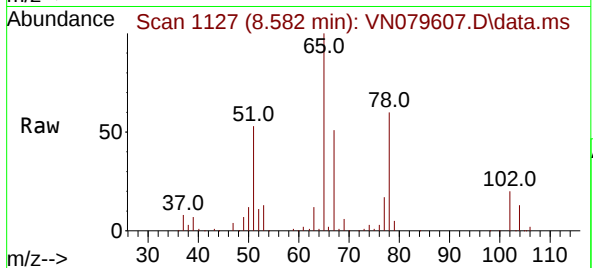
Tgt Ion: 97 Resp: 279321
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 51.3 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 50.773 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

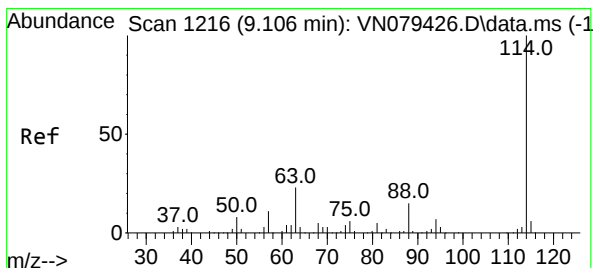
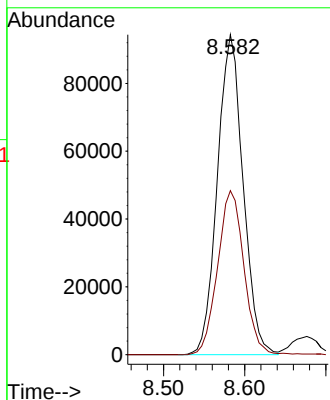
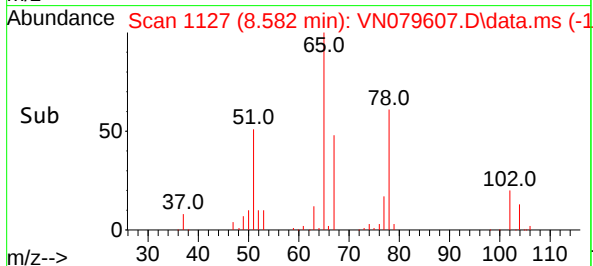
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



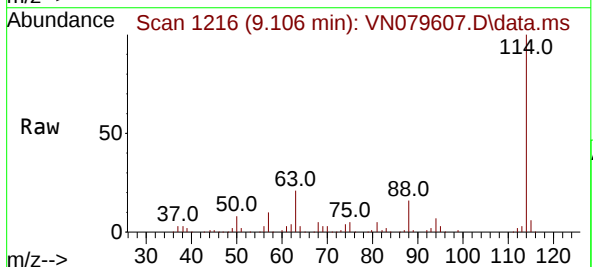
Tgt Ion: 65 Resp: 207832
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

Manual Integrations
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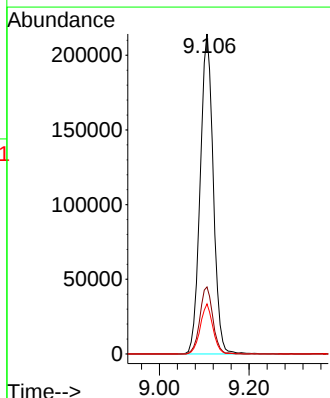
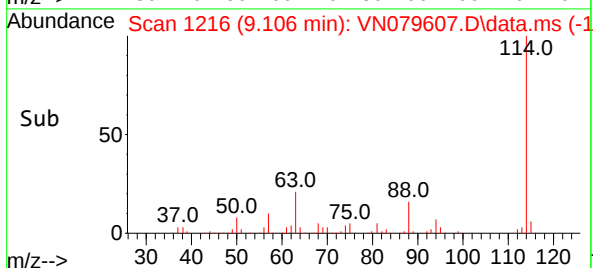
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



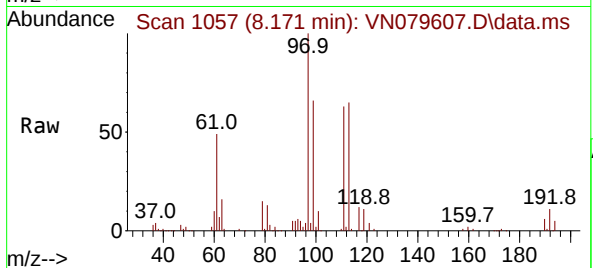
Tgt Ion:114 Resp: 431948
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.947 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

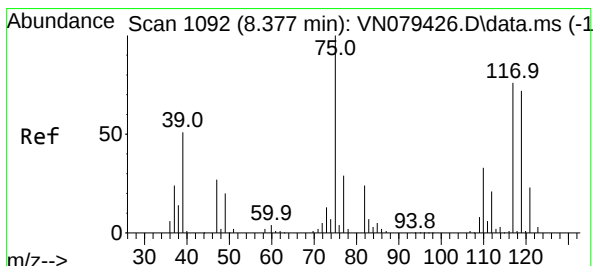
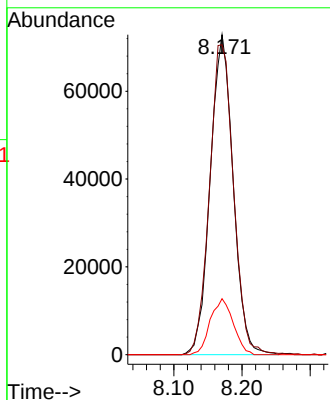
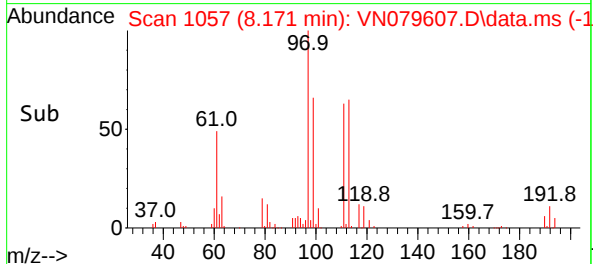
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



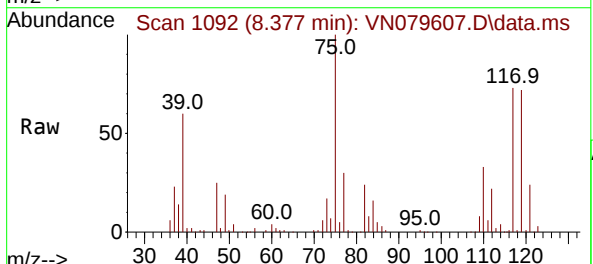
Tgt Ion: 113 Resp: 170562
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 17.5 12.7 19.1

Manual Integrations
APPROVED

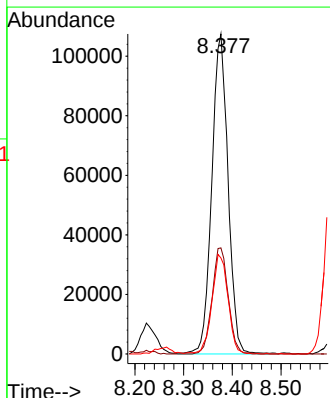
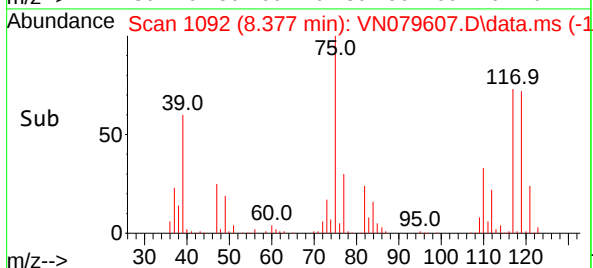
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

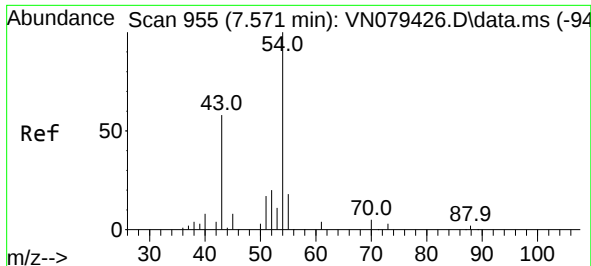


#36
1,1-Dichloropropene
Concen: 53.435 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



Tgt Ion: 75 Resp: 248947
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 49.175 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 227964

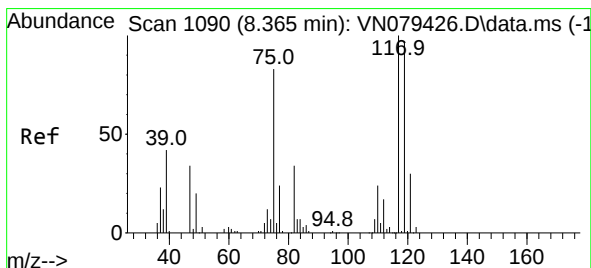
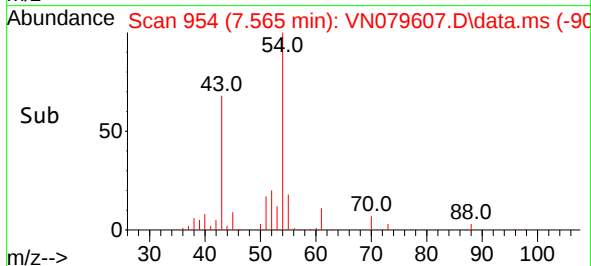
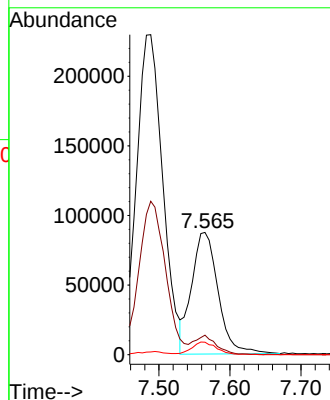
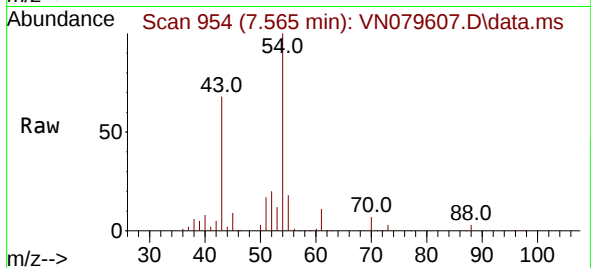
Ion	Ratio	Lower	Upper
43	100		
61	13.2	13.2	19.8
70	9.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#38

Carbon Tetrachloride

Concen: 51.626 ug/l

RT: 8.365 min Scan# 1090

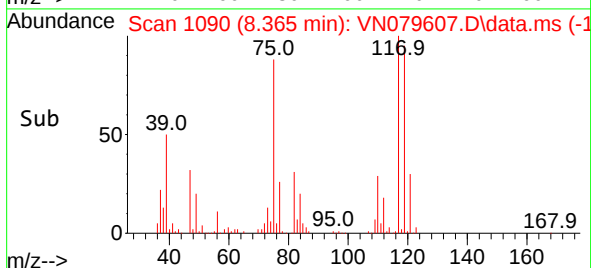
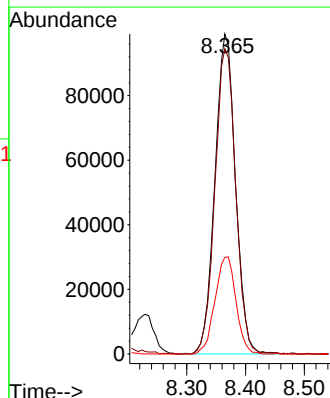
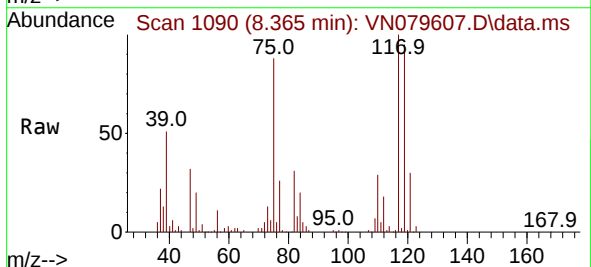
Delta R.T. -0.000 min

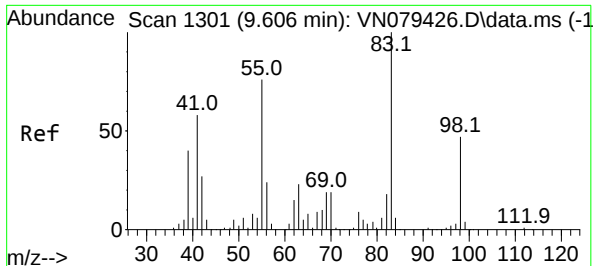
Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Tgt Ion:117 Resp: 240783

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
121	30.2	23.3	34.9





#39

Methylcyclohexane

Concen: 52.280 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 234008

Ion Ratio Lower Upper

83 100

55 77.3 49.1 73.7

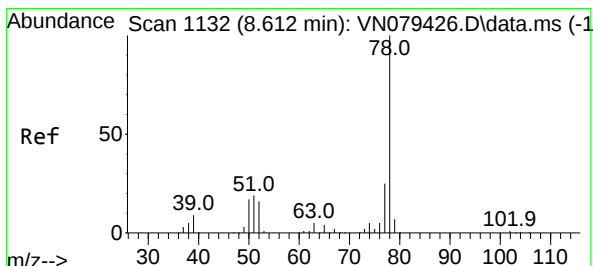
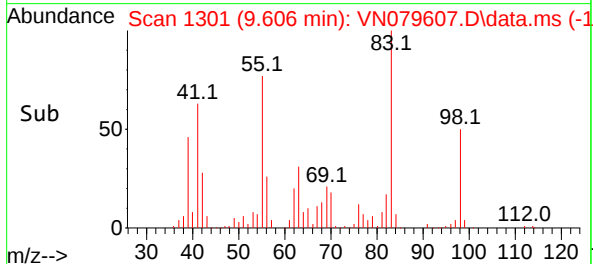
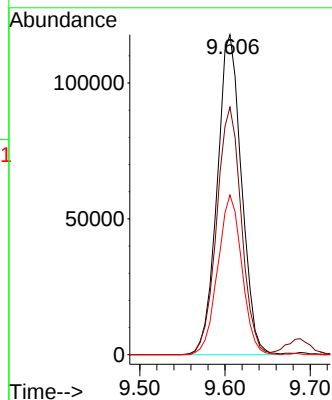
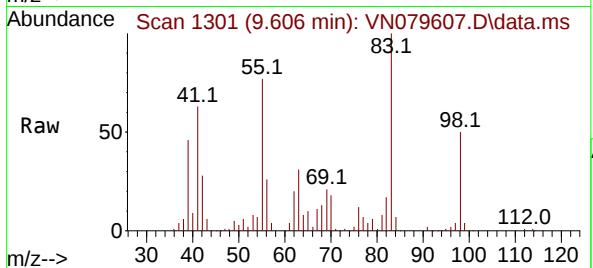
98 49.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#40

Benzene

Concen: 53.083 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079607.D

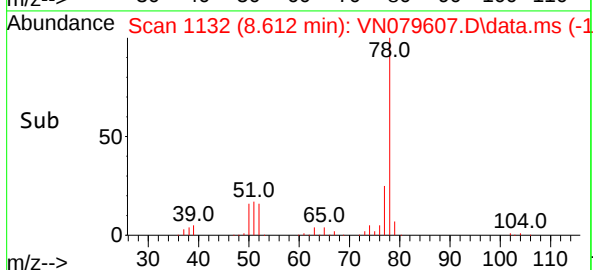
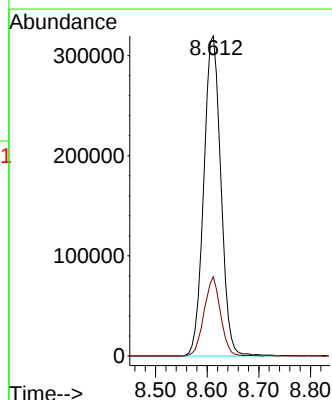
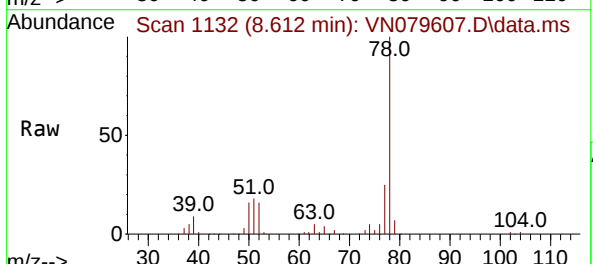
Acq: 19 Oct 2023 09:27

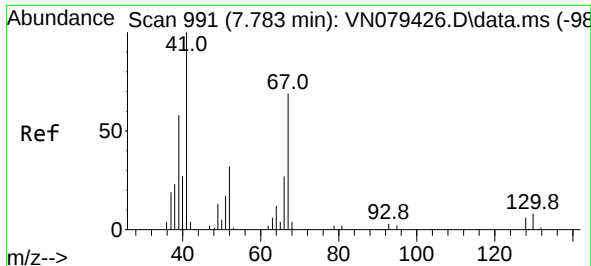
Tgt Ion: 78 Resp: 734463

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6





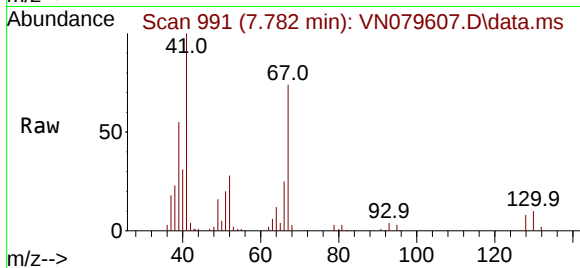
#41
Methacrylonitrile
Concen: 48.373 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



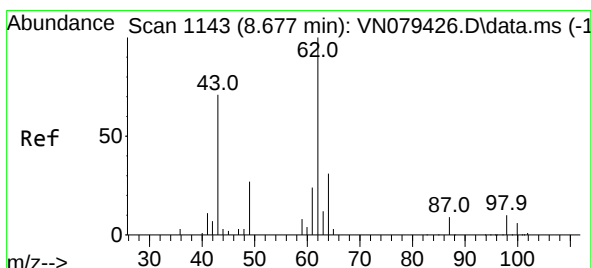
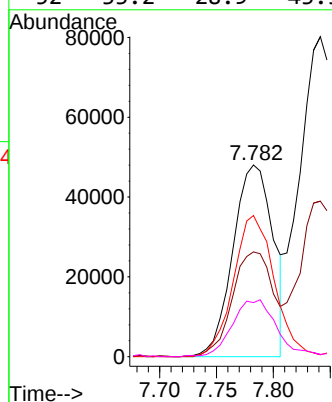
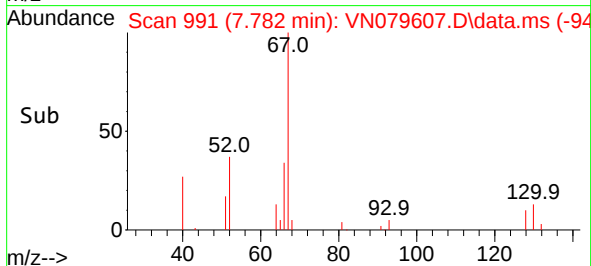
Tgt Ion: 41 Resp: 11789
Ion Ratio Lower Upper
41 100
39 55.4 42.6 64.0
67 74.9 77.5 116.3
52 33.2 28.9 43.3

Manual Integrations

APPROVED

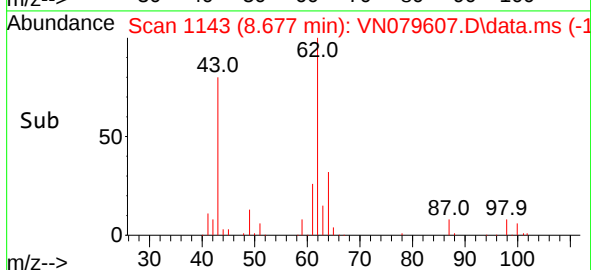
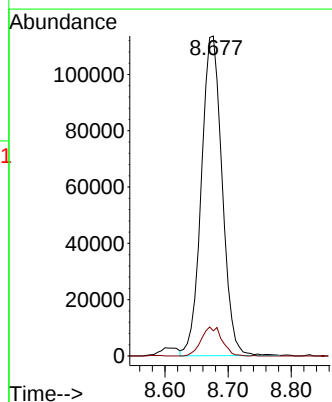
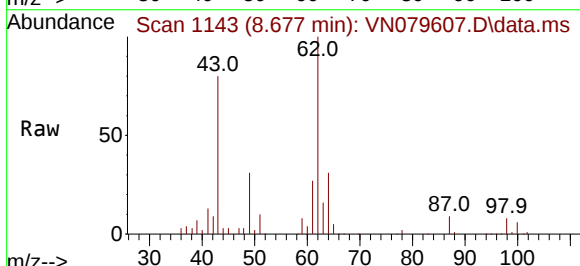
Reviewed By :John Carlone 10/20/2023

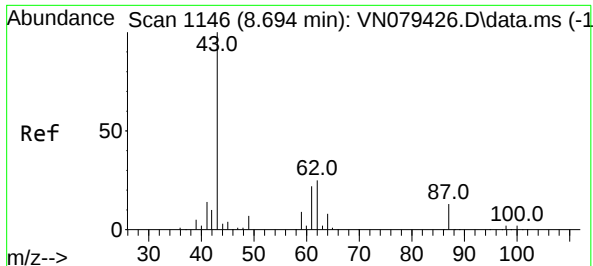
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 51.599 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

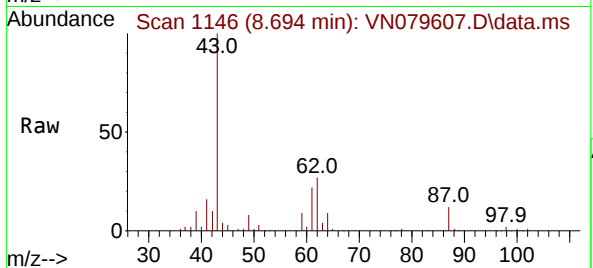
Tgt Ion: 62 Resp: 259413
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43
Isopropyl Acetate
Concen: 45.672 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

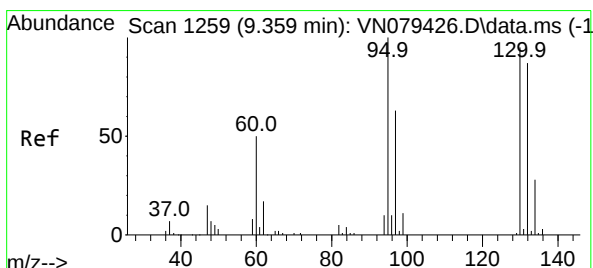
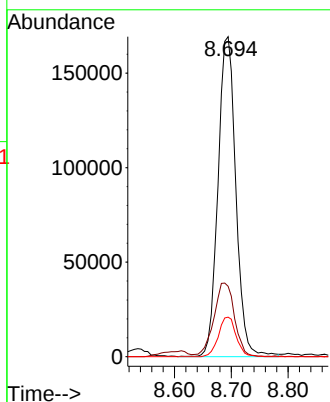
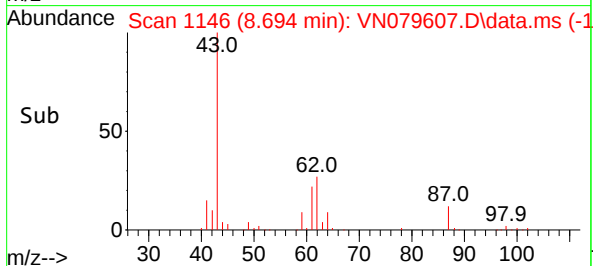
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



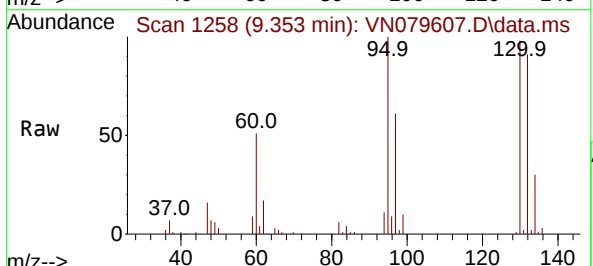
Tgt Ion: 43 Resp: 370928
Ion Ratio Lower Upper
43 100
61 26.5 24.7 37.1
87 12.3 14.6 21.8

Manual Integrations
APPROVED

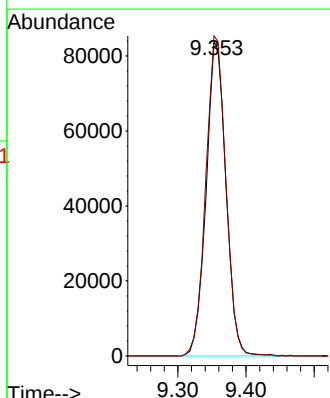
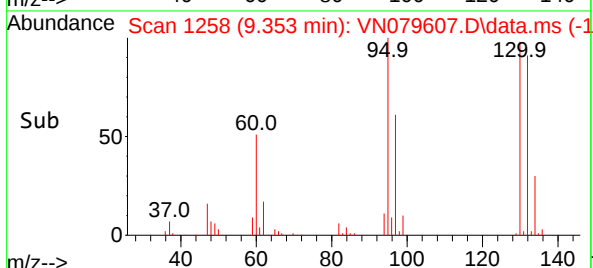
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

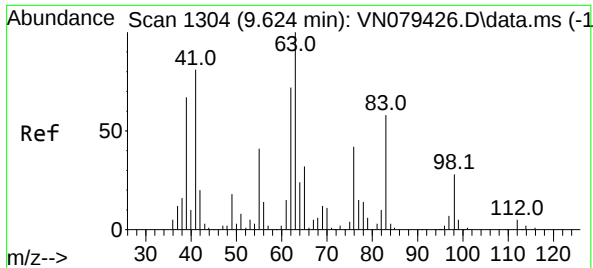


#44
Trichloroethene
Concen: 51.970 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



Tgt Ion:130 Resp: 169243
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.047 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 19338

Ion Ratio Lower Upper

63 100

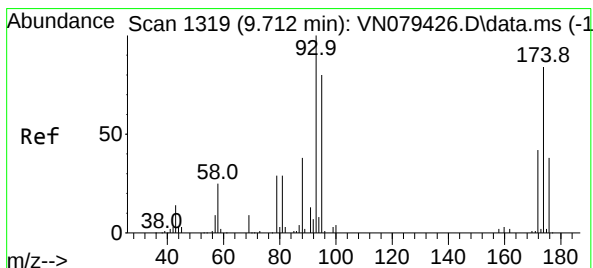
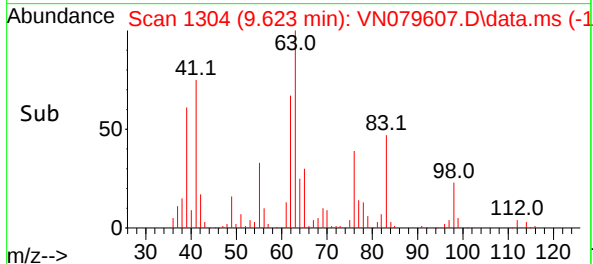
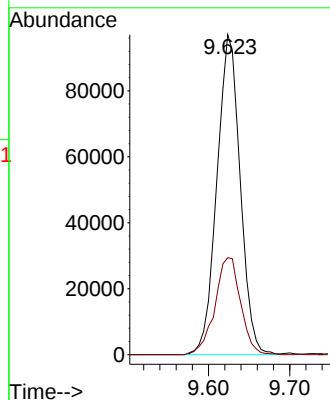
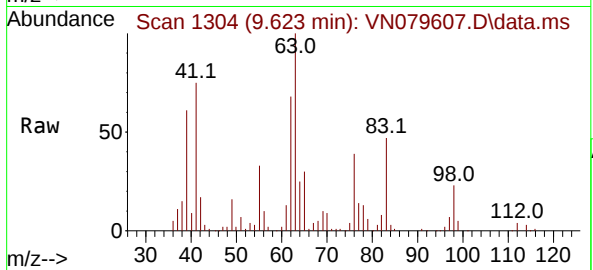
65 30.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 54.006 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

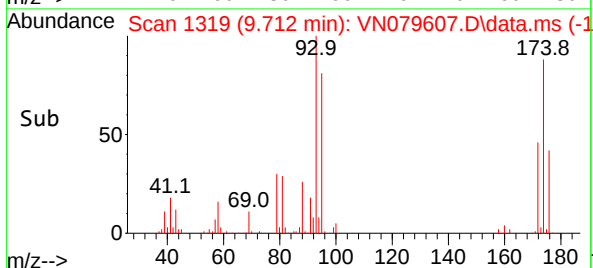
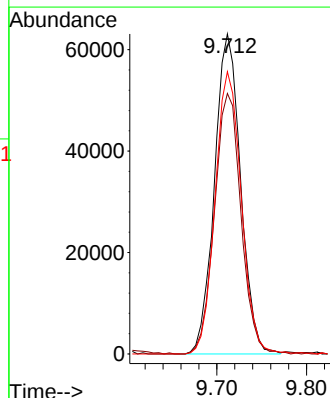
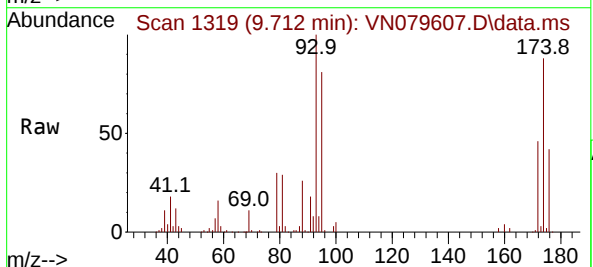
Tgt Ion: 93 Resp: 127510

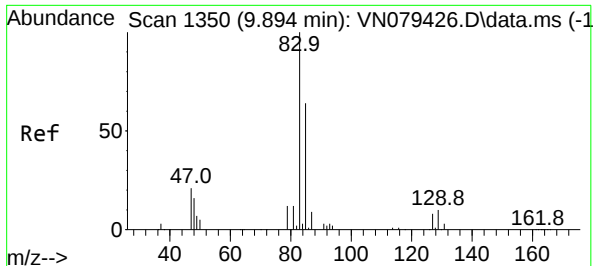
Ion Ratio Lower Upper

93 100

95 82.8 63.8 95.8

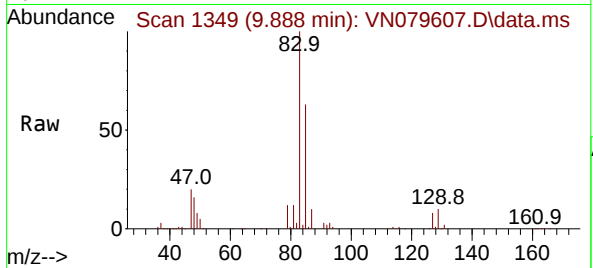
174 88.6 65.6 98.4





#47
Bromodichloromethane
Concen: 54.407 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

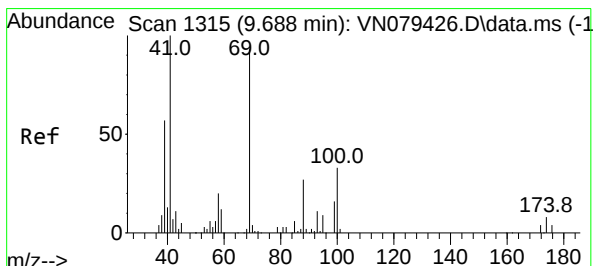
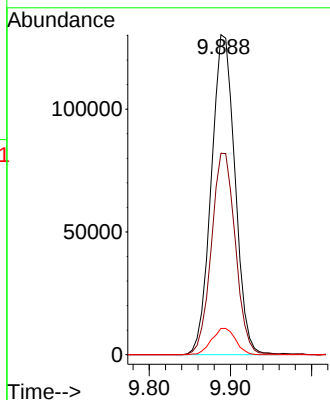
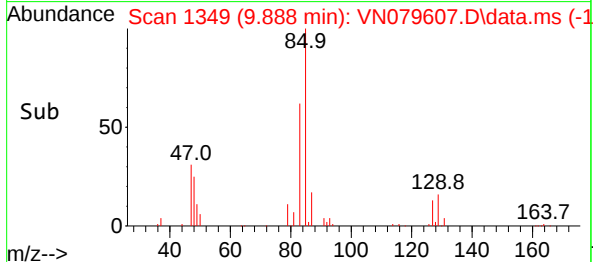
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



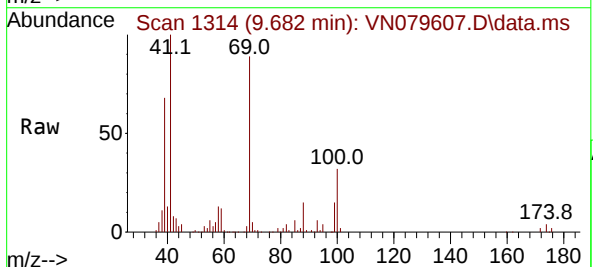
Tgt Ion: 83 Resp: 264238
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 8.2 7.0 10.6

Manual Integrations
APPROVED

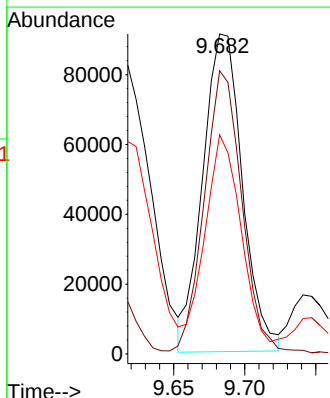
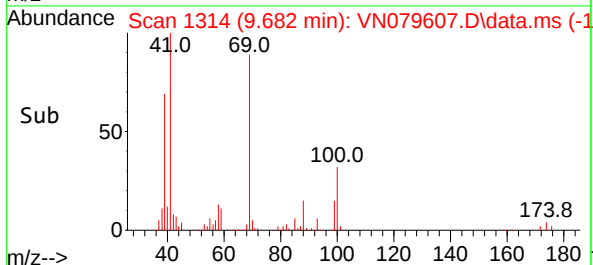
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

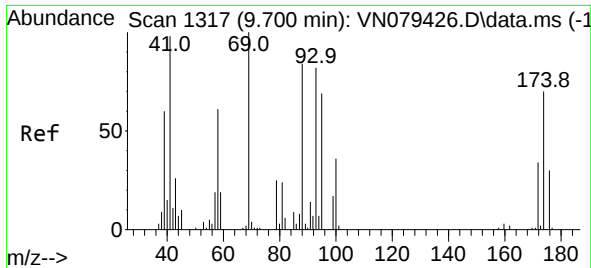


#48
Methyl methacrylate
Concen: 50.825 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



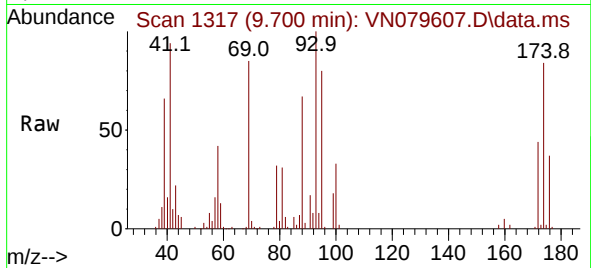
Tgt Ion: 41 Resp: 176886
Ion Ratio Lower Upper
41 100
69 84.5 90.4 135.6#
39 63.8 54.6 81.8





#49
1,4-Dioxane
Concen: 913.111 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

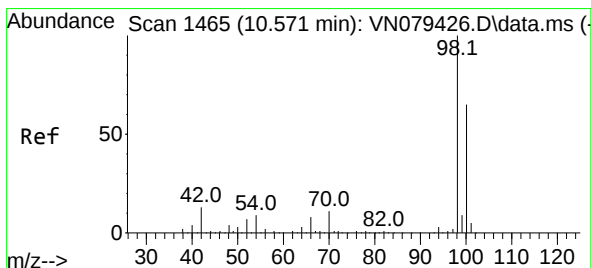
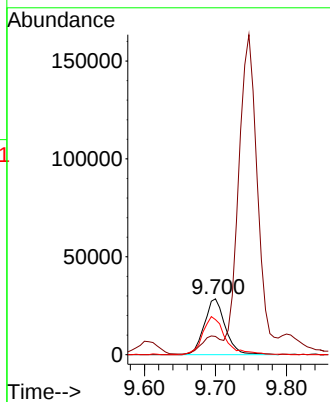
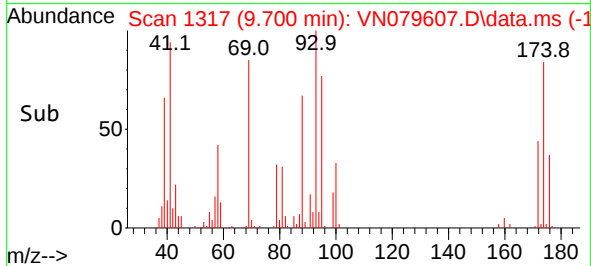
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 5853
Ion Ratio Lower Upper
88 100
43 32.0 17.0 25.6
58 73.1 47.0 70.4

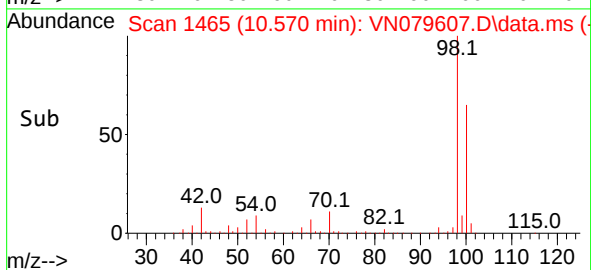
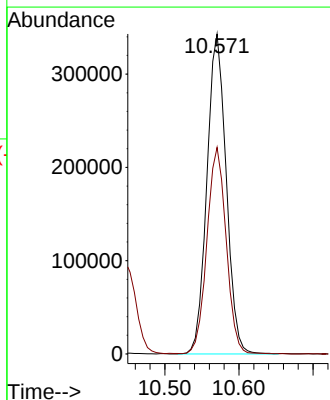
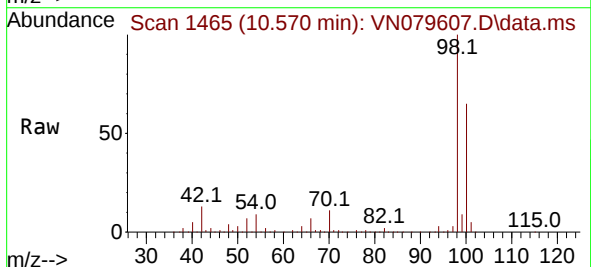
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#50
Toluene-d8
Concen: 55.205 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

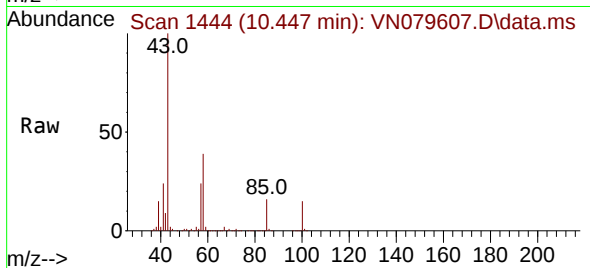
Tgt Ion: 98 Resp: 620041
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 252.057 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

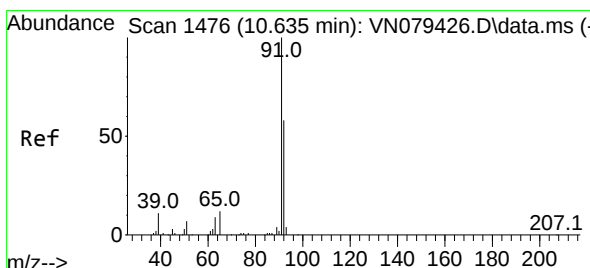
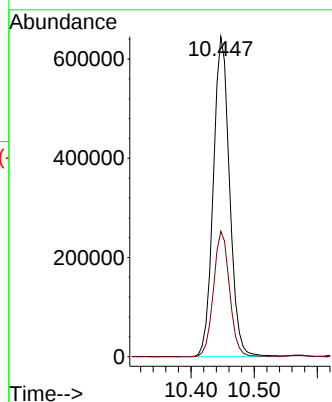
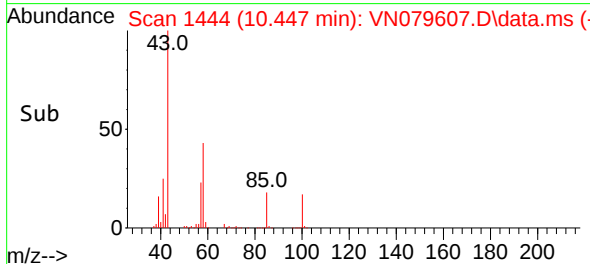
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



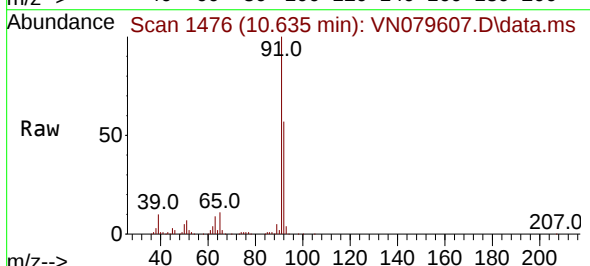
Tgt Ion: 43 Resp: 115559
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8

Manual Integrations
APPROVED

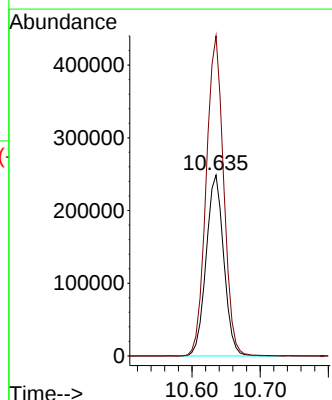
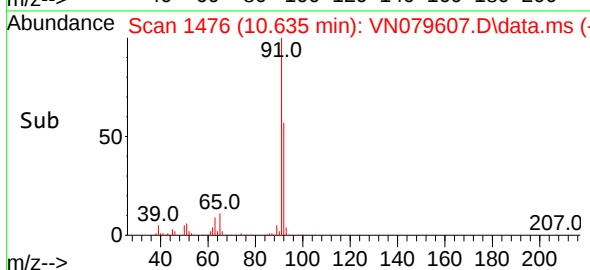
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

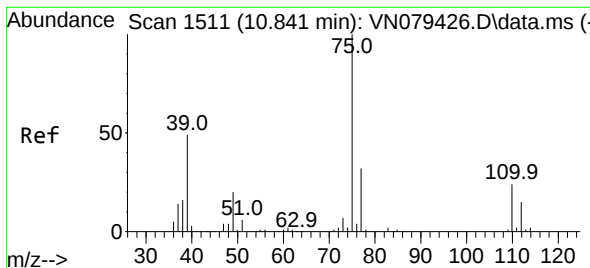


#52
Toluene
Concen: 54.900 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



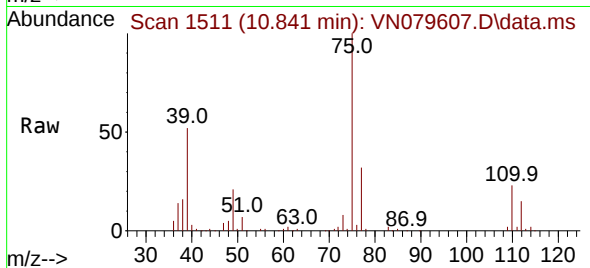
Tgt Ion: 92 Resp: 447131
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.209 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

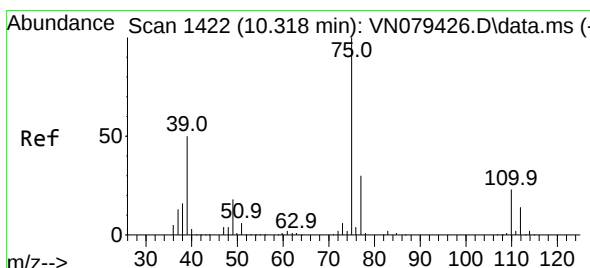
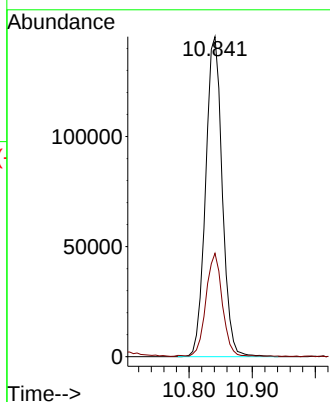
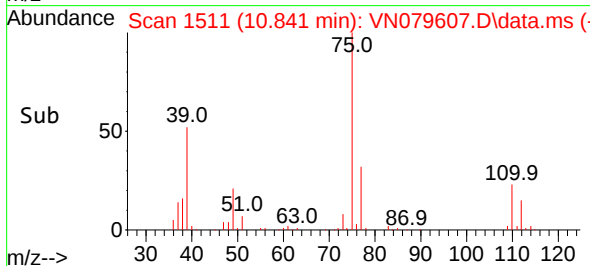
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



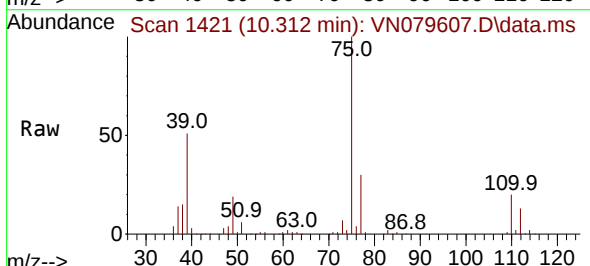
Tgt Ion: 75 Resp: 265310
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

Manual Integrations
APPROVED

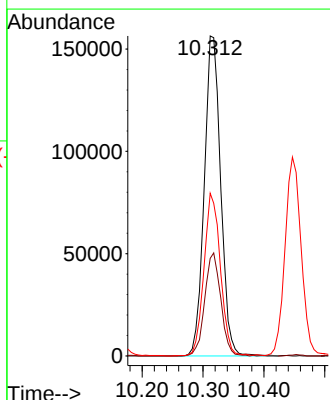
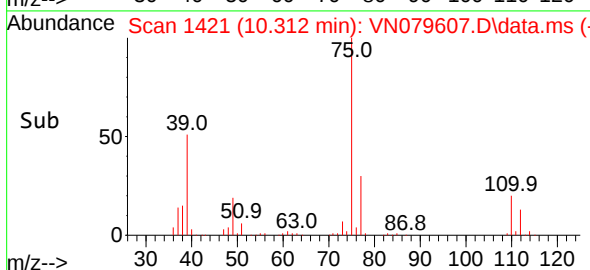
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

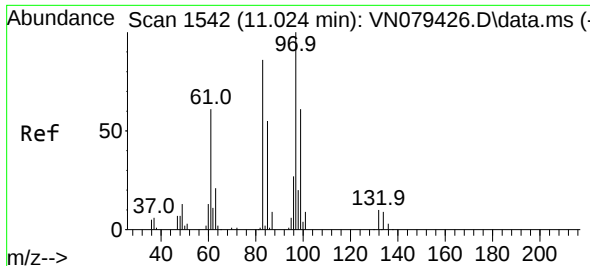


#54
cis-1,3-Dichloropropene
Concen: 54.788 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



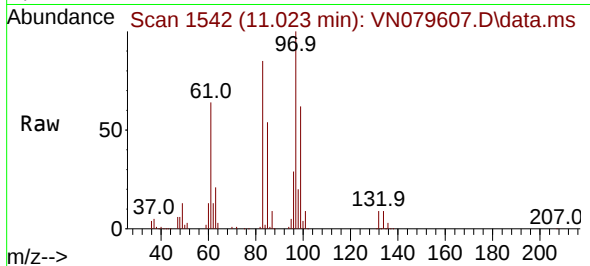
Tgt Ion: 75 Resp: 293545
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 50.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 53.681 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

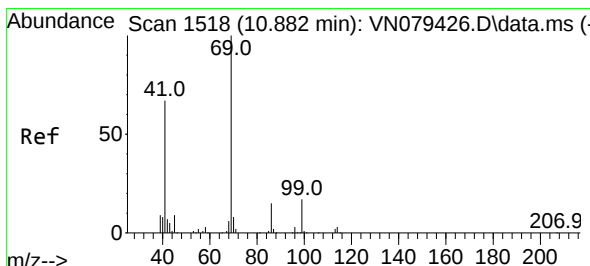
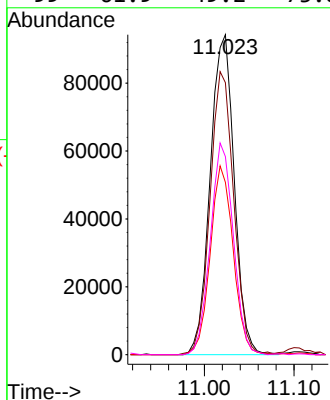
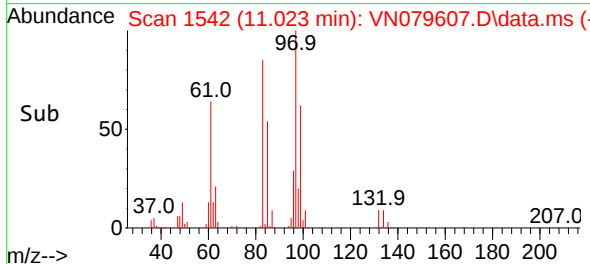
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



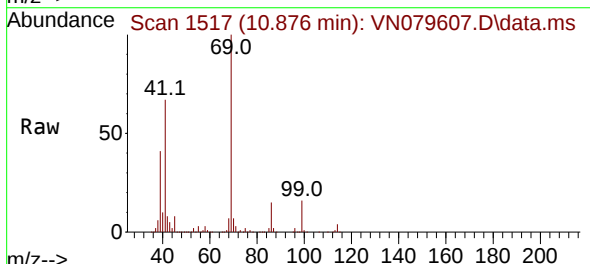
Tgt Ion: 97 Resp: 175520
Ion Ratio Lower Upper
97 100
83 85.0 65.1 97.7
85 53.9 43.4 65.2
99 61.9 49.2 73.8

Manual Integrations
APPROVED

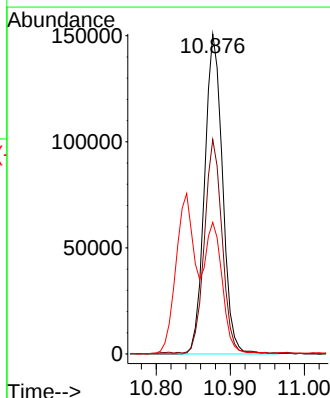
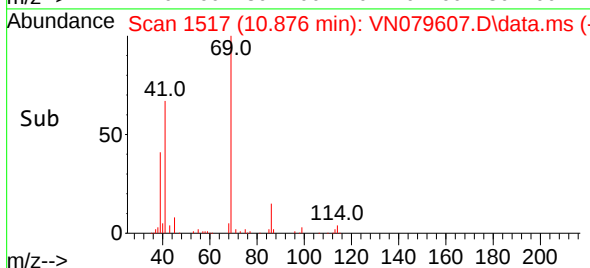
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#56
Ethyl methacrylate
Concen: 56.259 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



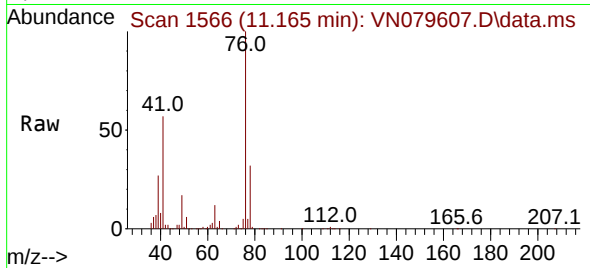
Tgt Ion: 69 Resp: 252771
Ion Ratio Lower Upper
69 100
41 65.4 39.6 59.4#
39 39.9 28.6 43.0





#57
1,3-Dichloropropane
Concen: 55.253 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

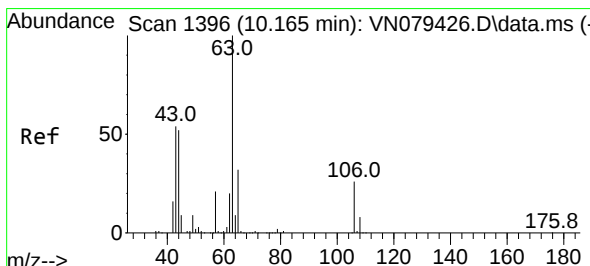
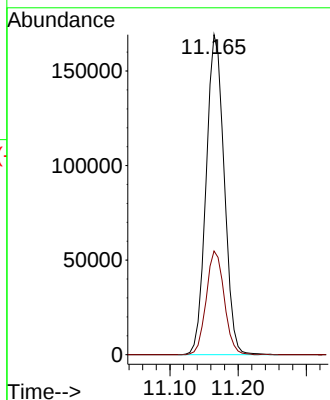
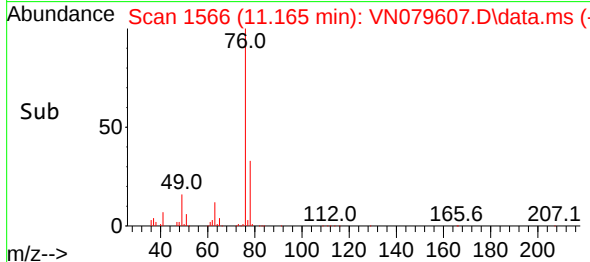
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 31195
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

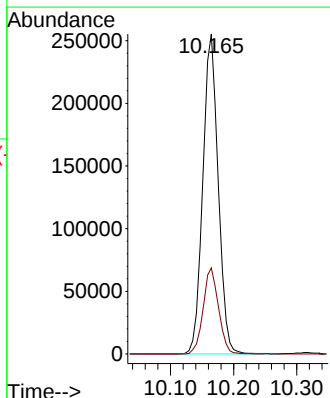
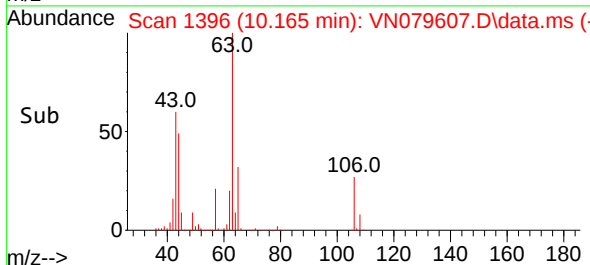
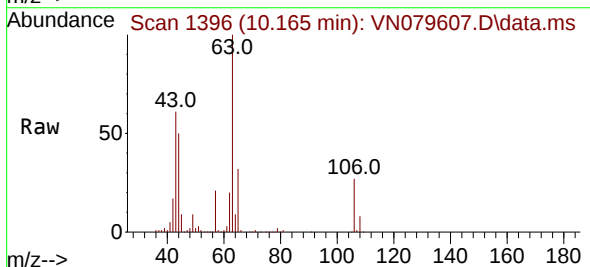
Manual Integrations
APPROVED

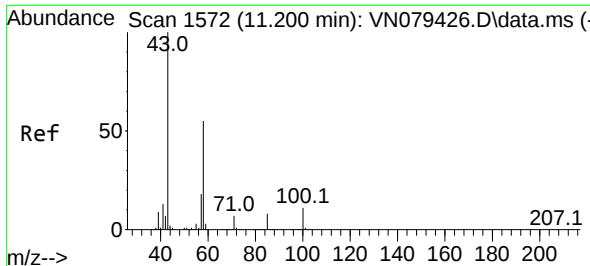
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 251.052 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

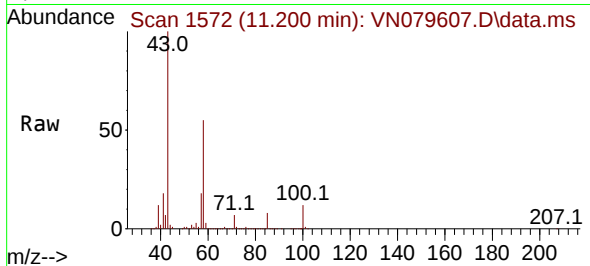
Tgt Ion: 63 Resp: 431976
Ion Ratio Lower Upper
63 100
106 26.8 26.2 39.4





#59
2-Hexanone
Concen: 259.013 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

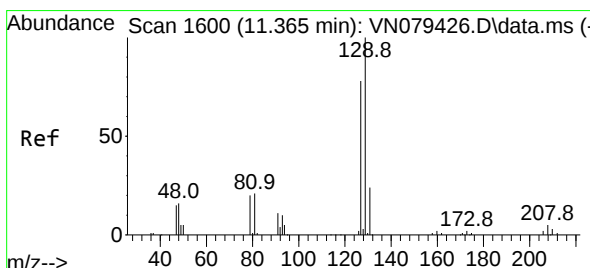
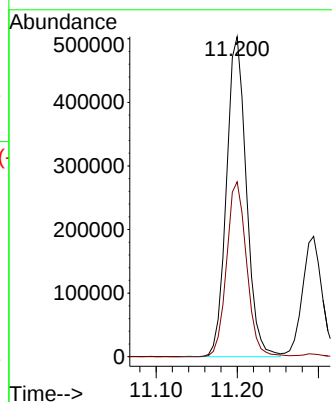
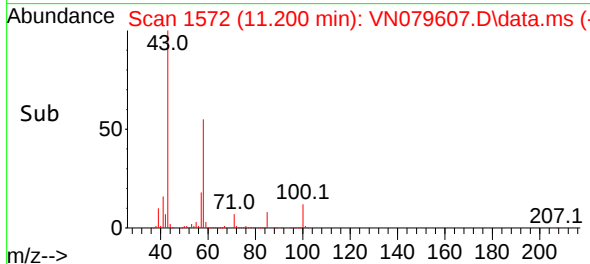
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 85689
Ion Ratio Lower Upper
43 100
58 55.0 31.7 95.1

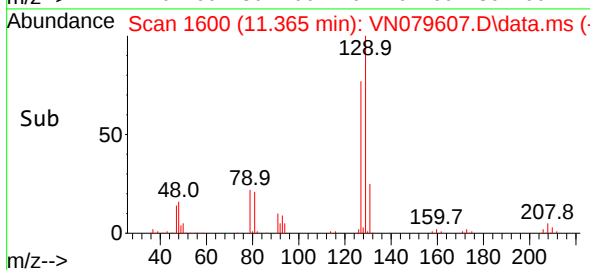
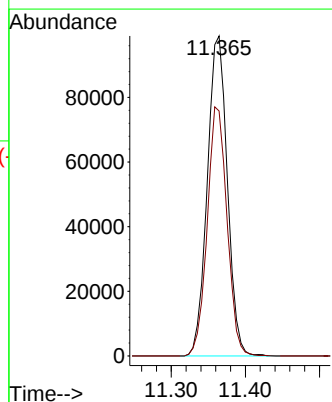
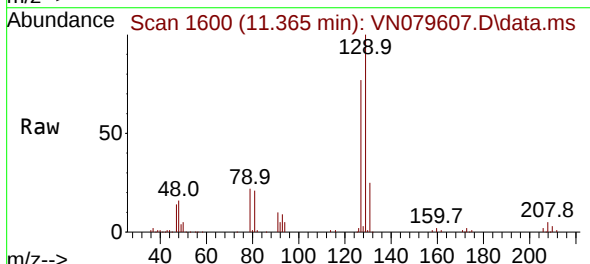
Manual Integrations
APPROVED

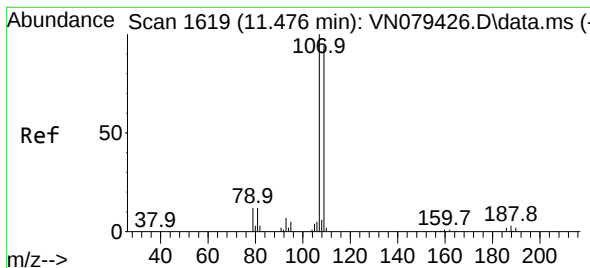
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 56.641 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

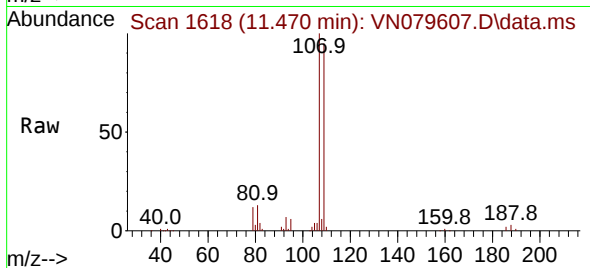
Tgt Ion:129 Resp: 186131
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.417 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

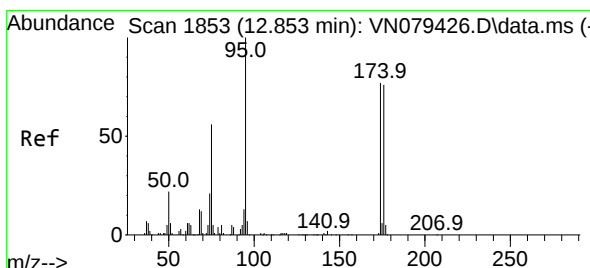
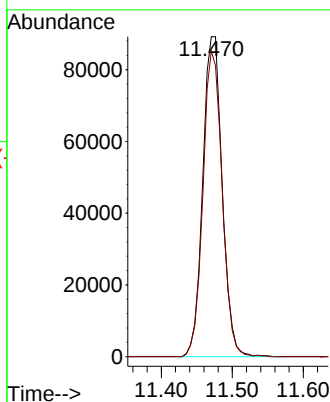
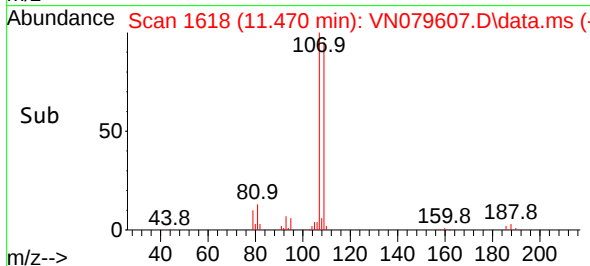
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 170085
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

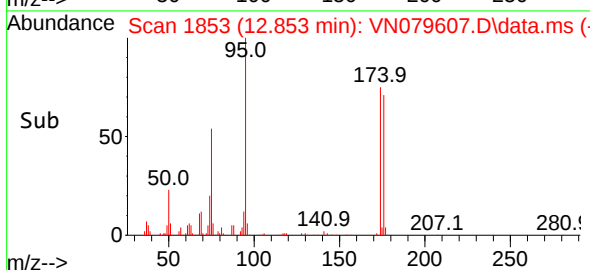
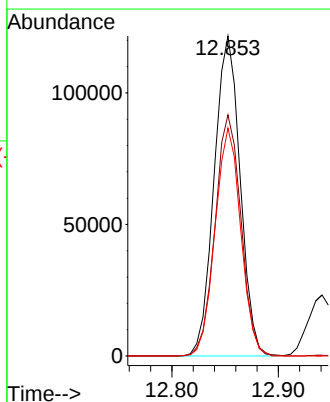
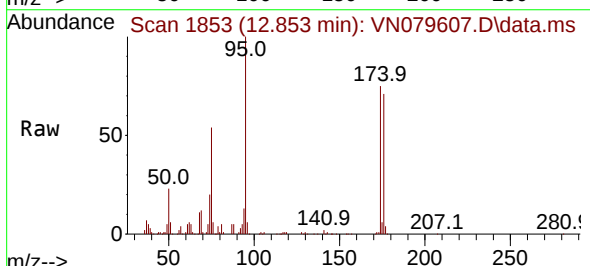
Manual Integrations
APPROVED

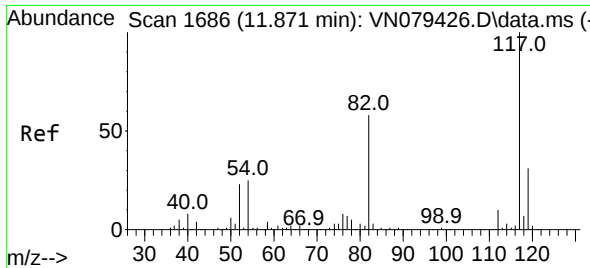
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
4-Bromofluorobenzene
Concen: 57.074 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Tgt Ion: 95 Resp: 205720
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.4 0.0 135.8





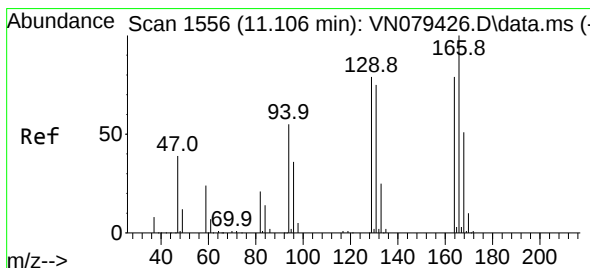
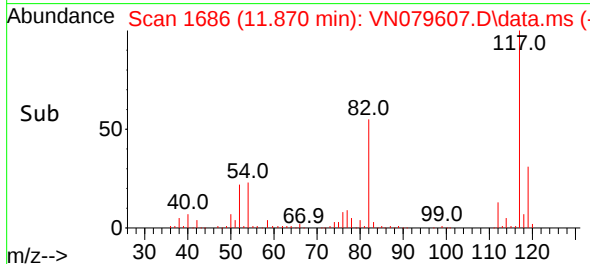
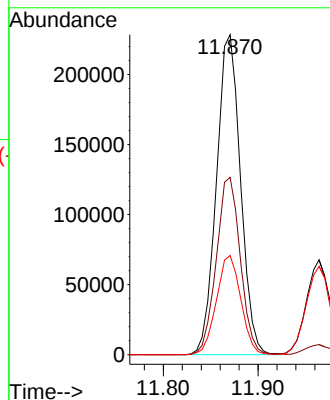
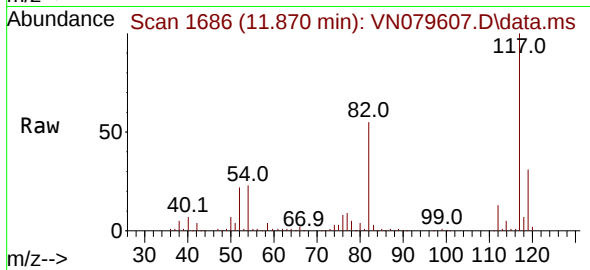
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 40349
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 30.9 25.6 38.4

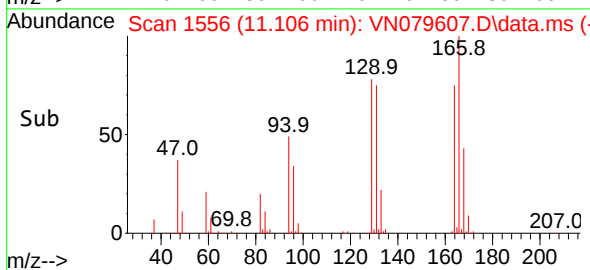
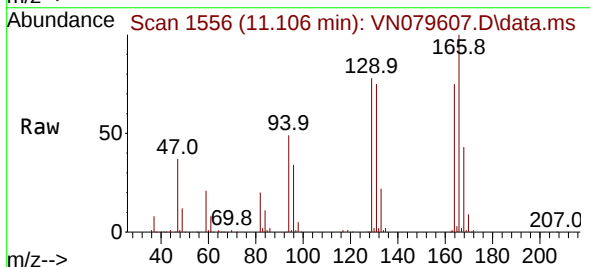
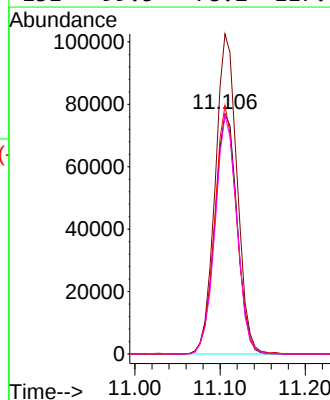
Manual Integrations
APPROVED

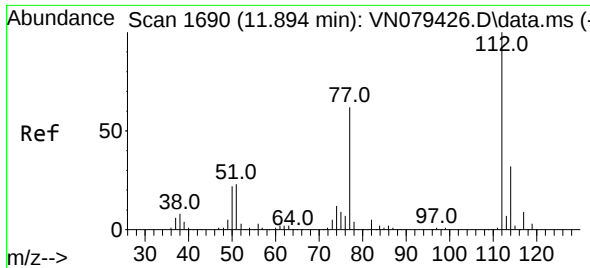
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 50.690 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Tgt Ion:164 Resp: 140701
Ion Ratio Lower Upper
164 100
166 133.4 101.4 152.0
129 103.6 82.4 123.6
131 99.5 78.2 117.4





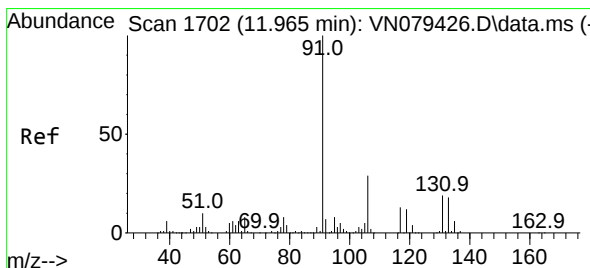
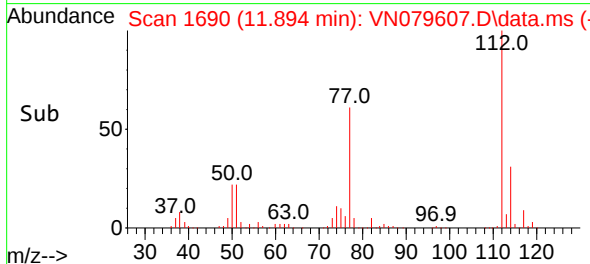
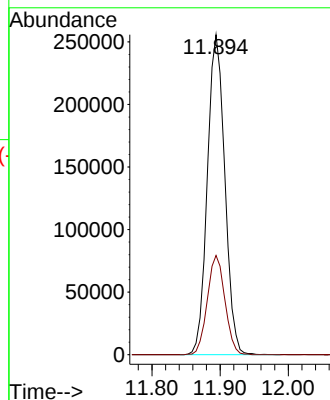
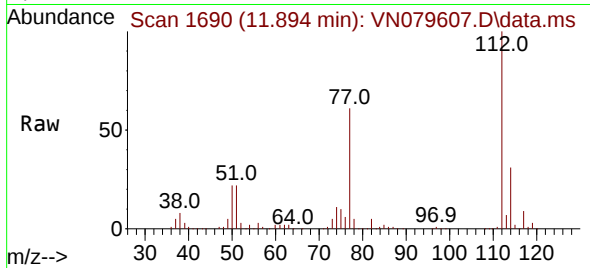
#65
Chlorobenzene
Concen: 50.748 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 456011
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

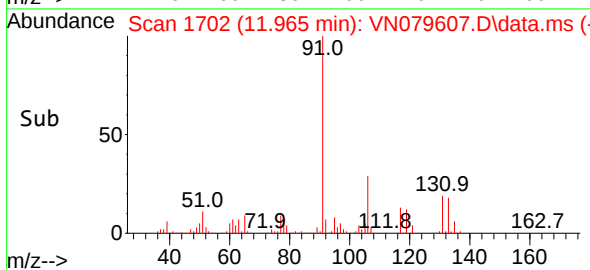
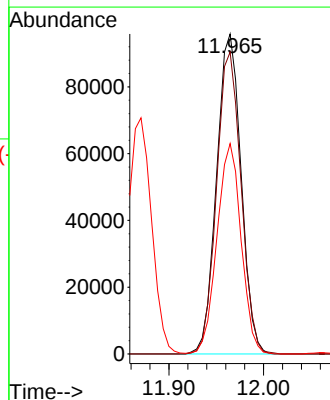
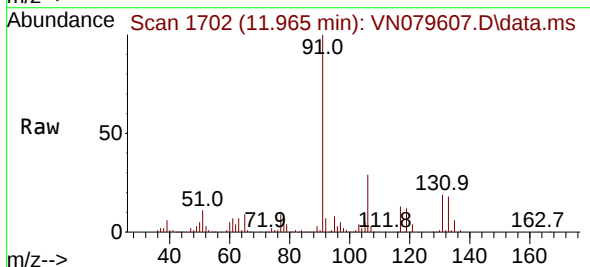
Manual Integrations
APPROVED

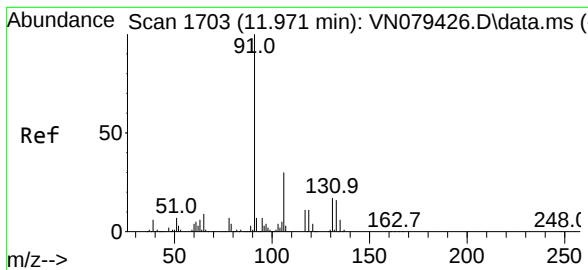
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.396 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

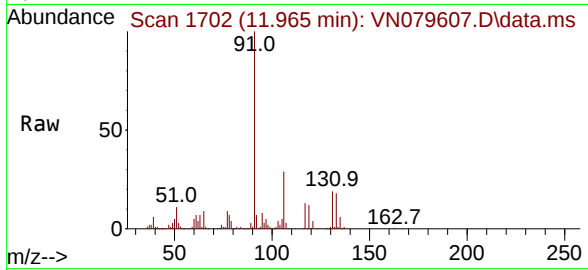
Tgt Ion:131 Resp: 172391
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 64.8 34.1 102.2





#67
Ethyl Benzene
Concen: 54.273 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

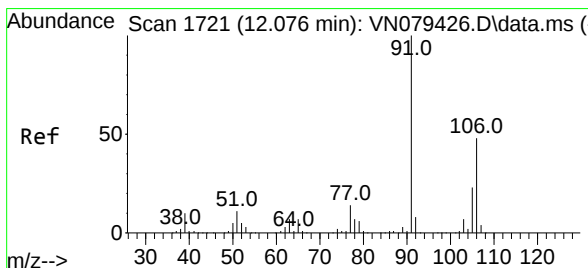
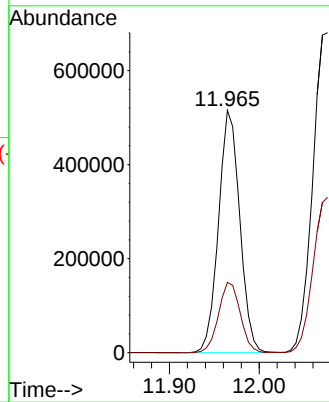
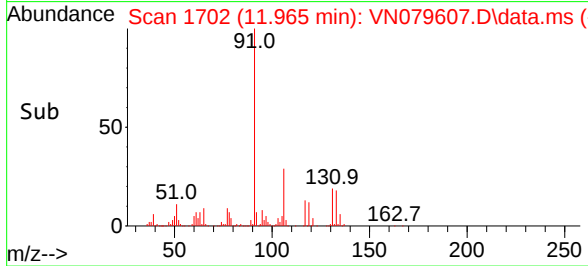
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



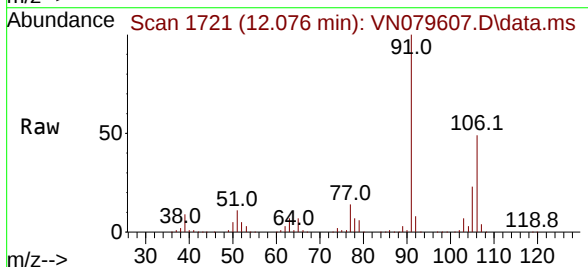
Tgt Ion: 91 Resp: 84767
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

Manual Integrations
APPROVED

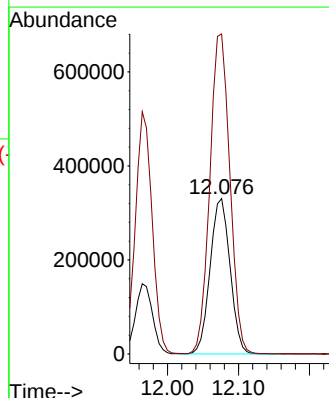
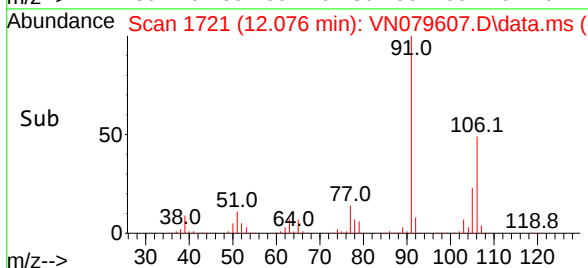
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

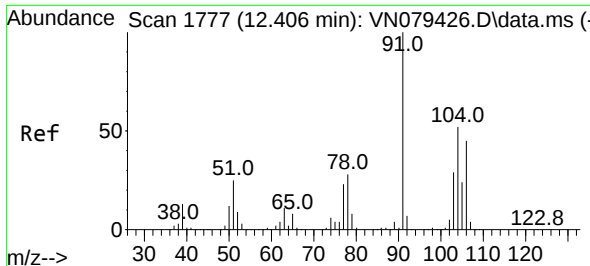


#68
m/p-Xylenes
Concen: 113.331 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



Tgt Ion:106 Resp: 643147
Ion Ratio Lower Upper
106 100
91 207.6 159.6 239.4





#69

o-Xylene

Concen: 54.504 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 30418

Ion Ratio Lower Upper

106 100

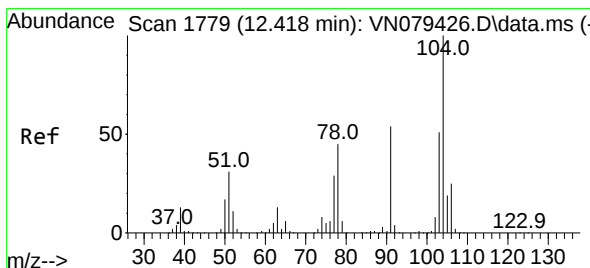
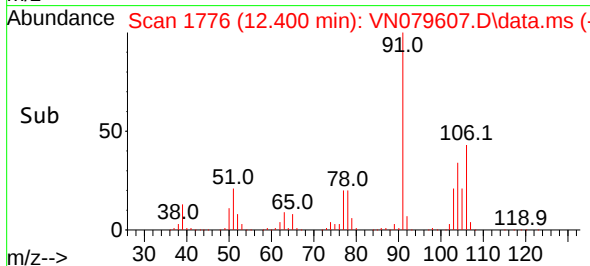
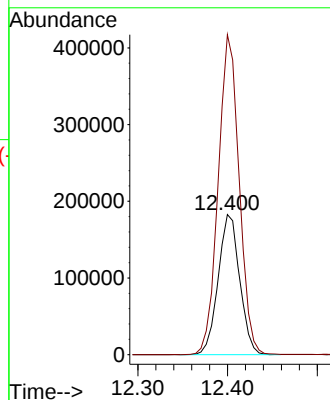
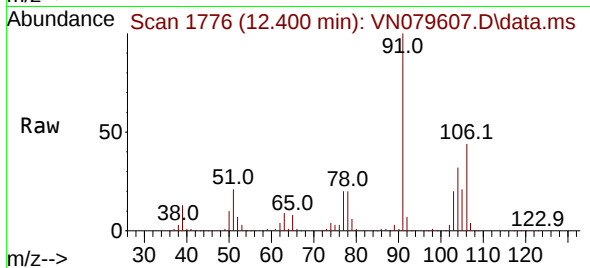
91 222.7 105.2 315.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#70

Styrene

Concen: 58.914 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

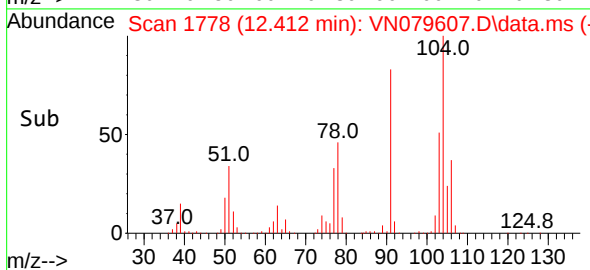
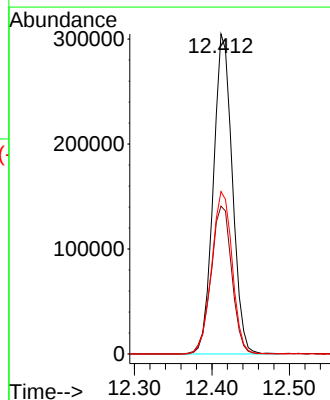
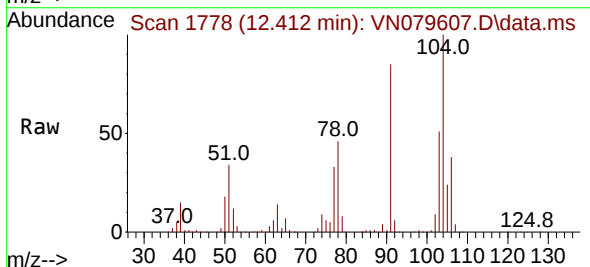
Tgt Ion:104 Resp: 519358

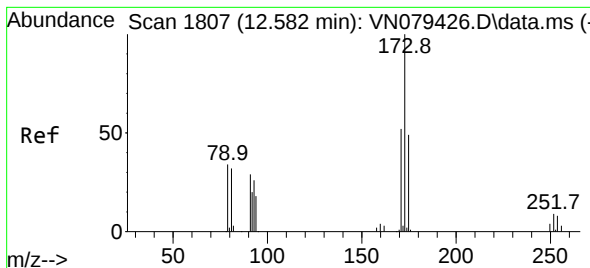
Ion Ratio Lower Upper

104 100

78 50.5 39.5 59.3

103 54.8 43.2 64.8





#71

Bromoform

Concen: 49.483 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079607.D

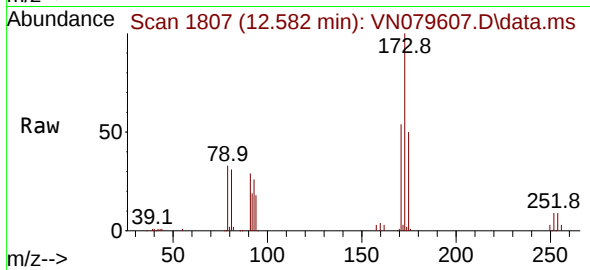
Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:173 Resp: 11915

Ion Ratio Lower Upper

173 100

175 49.4 24.3 73.0

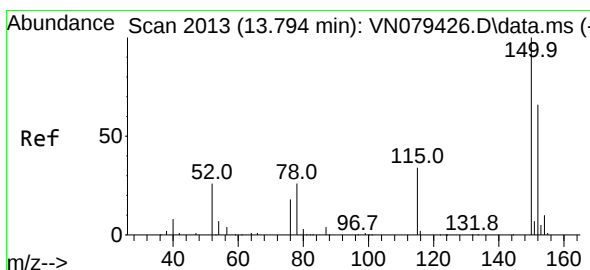
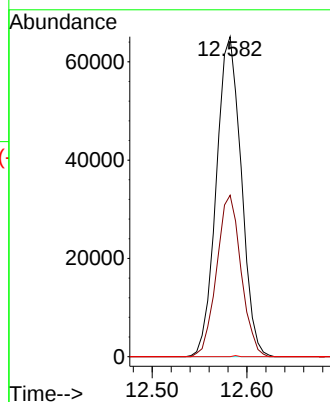
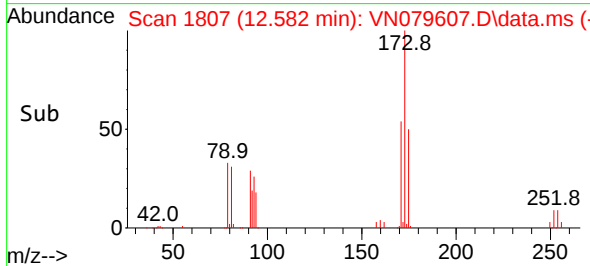
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

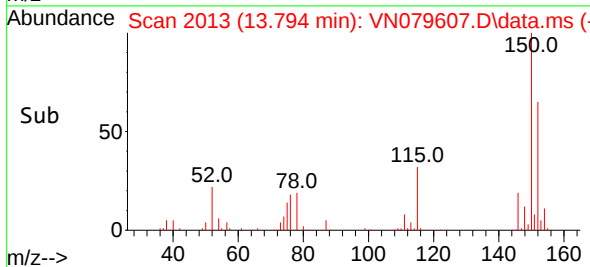
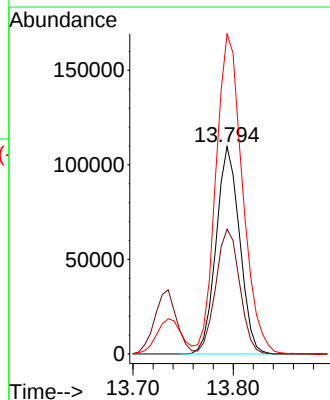
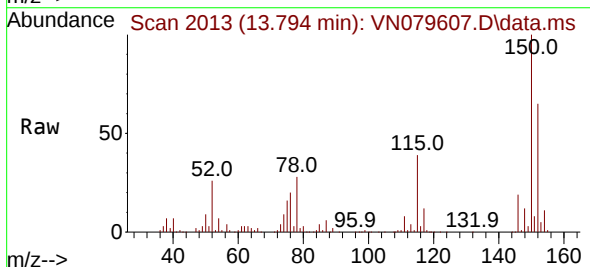
Tgt Ion:152 Resp: 178052

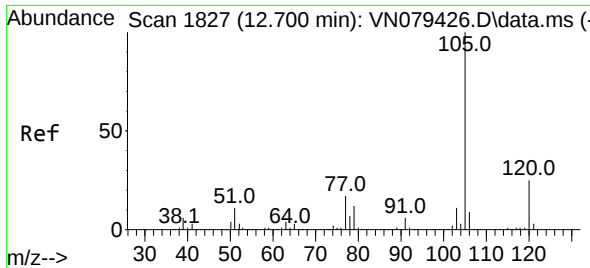
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 175.1 0.0 355.8





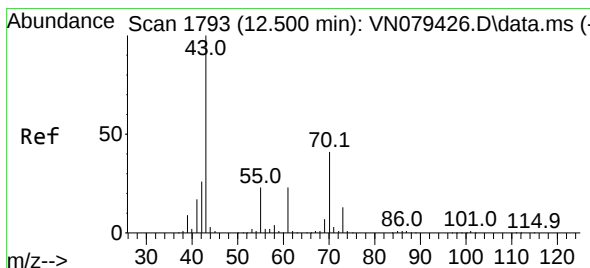
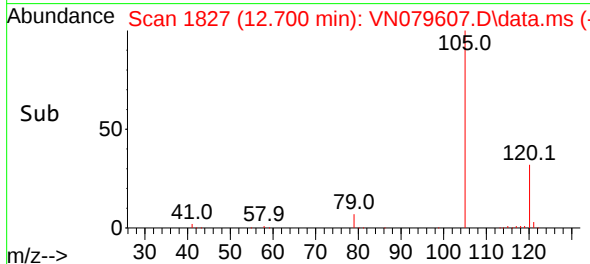
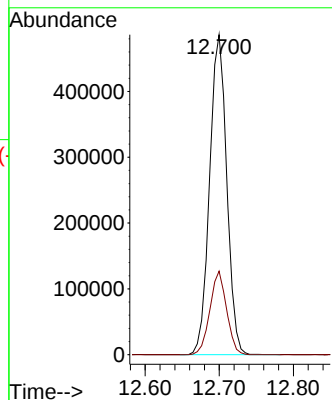
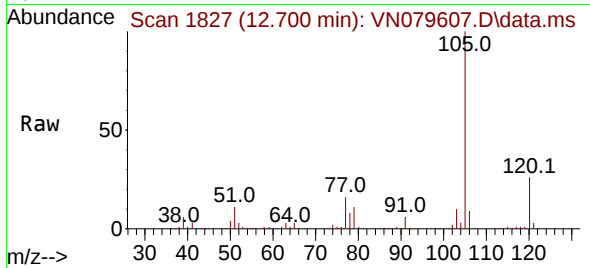
#73
Isopropylbenzene
Concen: 47.092 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 78006
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

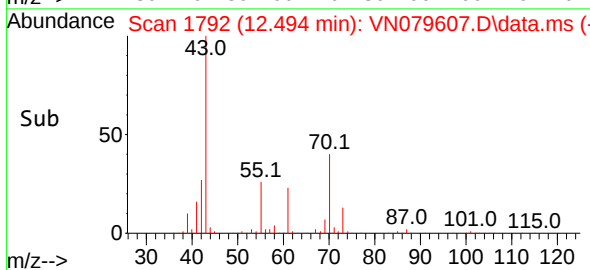
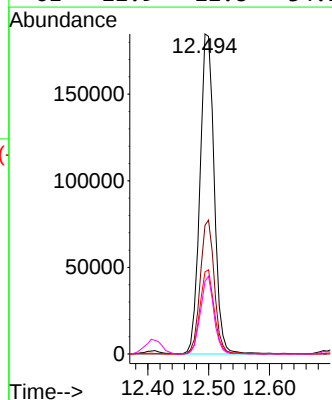
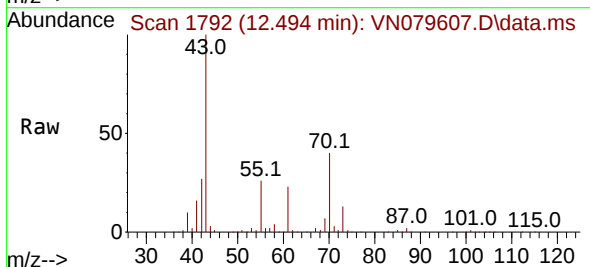
Manual Integrations
APPROVED

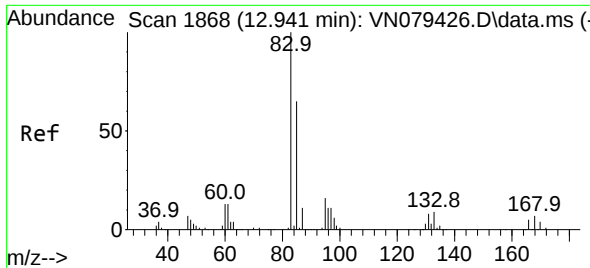
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#74
N-ethyl acetate
Concen: 44.369 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

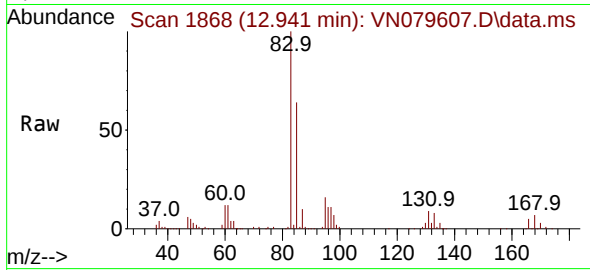
Tgt Ion: 43 Resp: 301300
Ion Ratio Lower Upper
43 100
70 41.1 43.4 65.2#
55 26.3 21.4 32.0
61 22.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.289 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

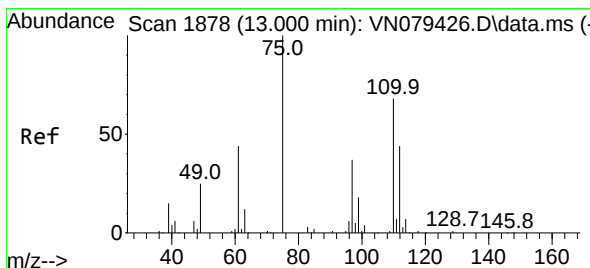
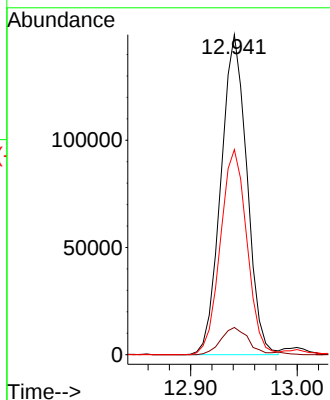
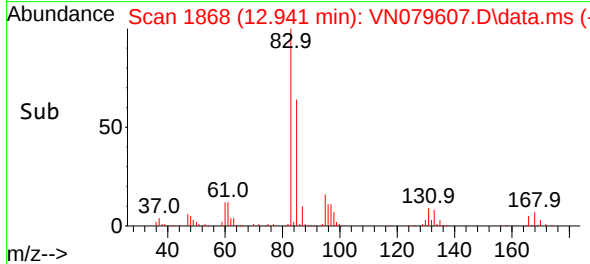
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



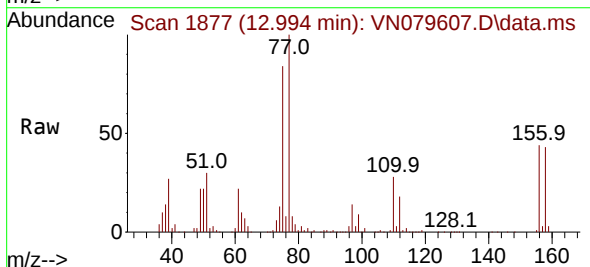
Tgt Ion: 83 Resp: 25318
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 65.3 31.9 95.7

Manual Integrations
APPROVED

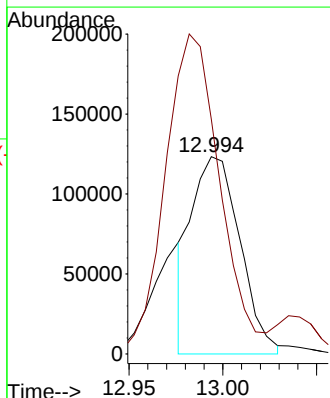
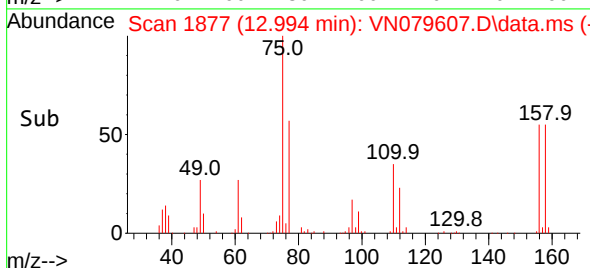
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

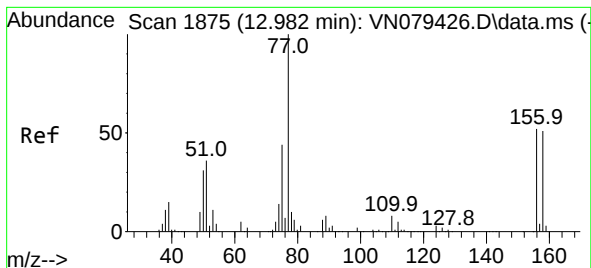


#76
1,2,3-Trichloropropane
Concen: 42.974 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



Tgt Ion: 75 Resp: 220619
Ion Ratio Lower Upper
75 100
77 184.4 84.5 253.5





#77

Bromobenzene

Concen: 44.374 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

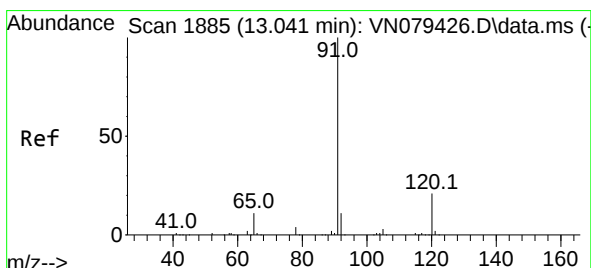
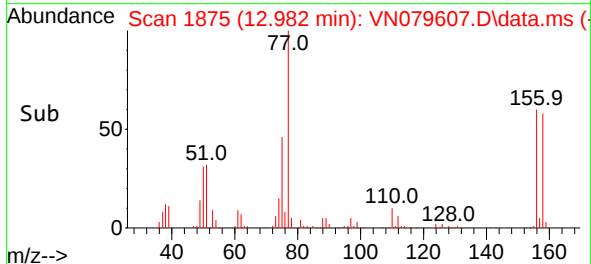
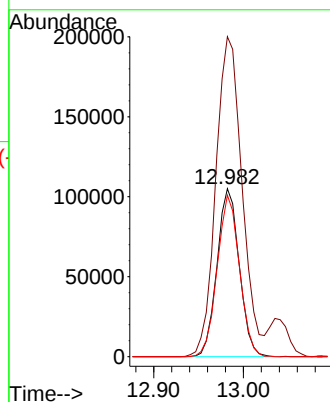
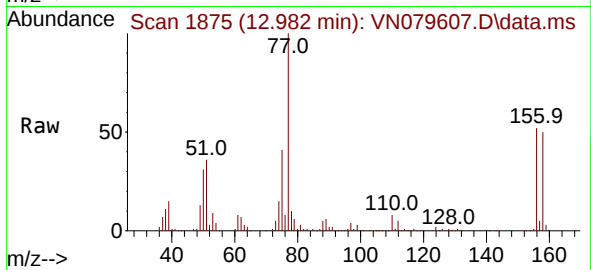
Tgt Ion:156 Resp: 180229
 Ion Ratio Lower Upper
 156 100
 77 225.8 107.7 323.3
 158 96.3 48.4 145.3

Manual Integrations

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Reviewed By :John Carlone 10/20/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 50.255 ug/l

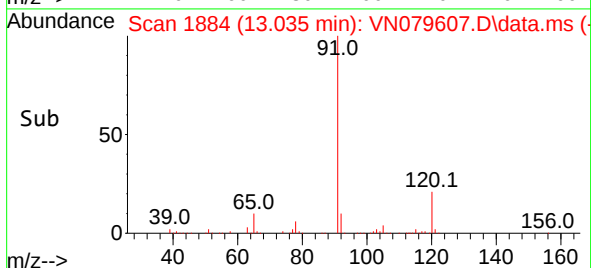
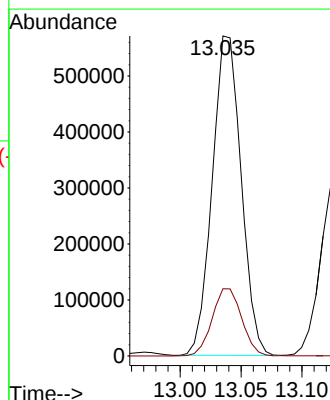
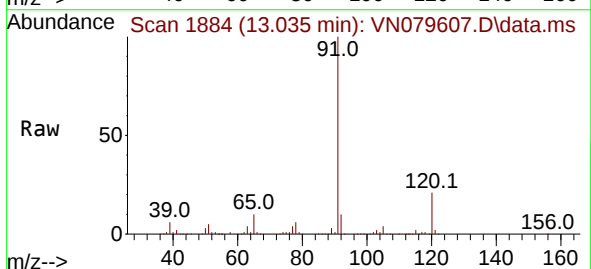
RT: 13.035 min Scan# 1884

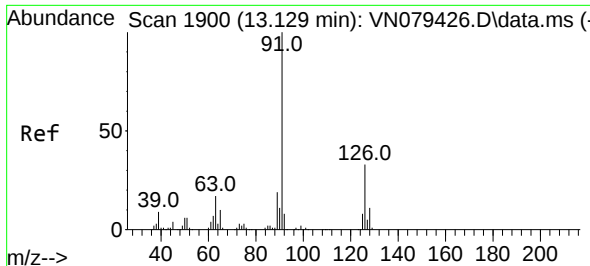
Delta R.T. -0.006 min

Lab File: VN079607.D

Acq: 19 Oct 2023 09:27

Tgt Ion: 91 Resp: 941841
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.5 34.4





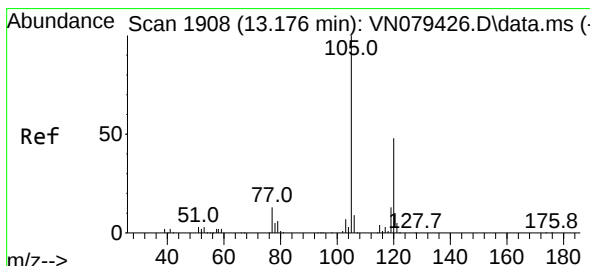
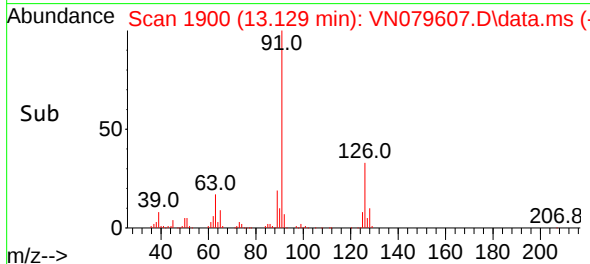
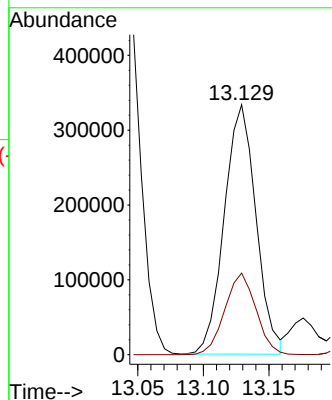
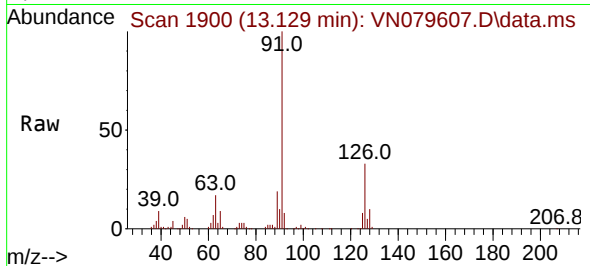
#79
2-Chlorotoluene
Concen: 46.844 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 561780
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

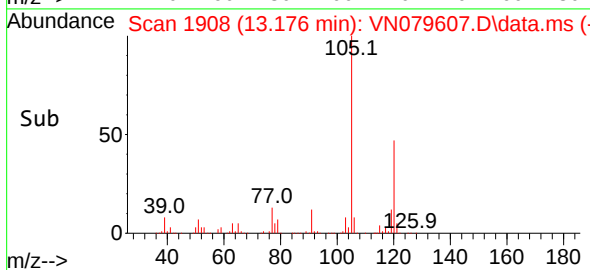
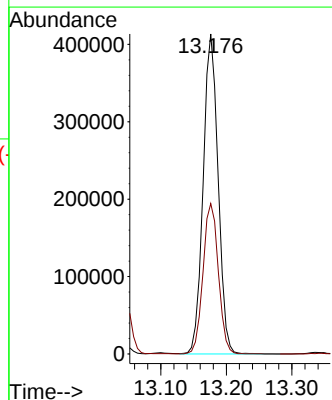
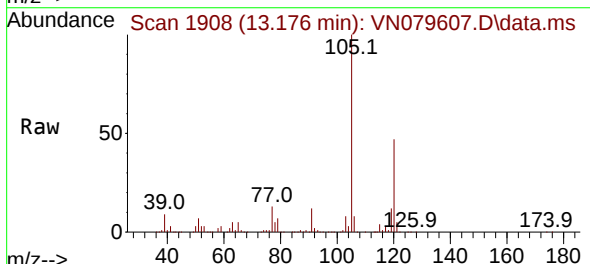
Manual Integrations
APPROVED

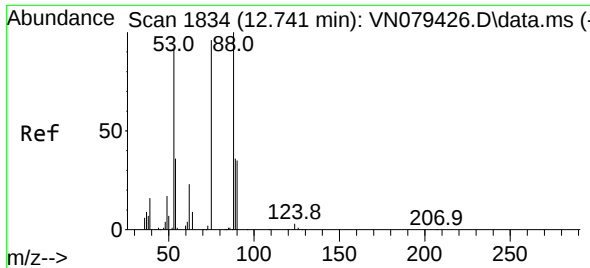
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.284 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

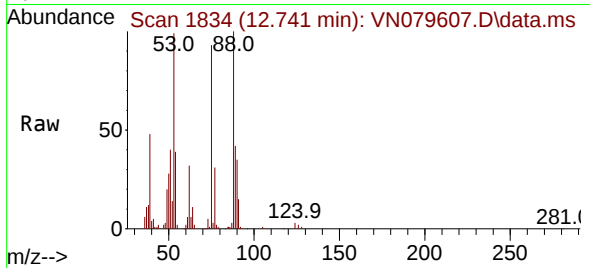
Tgt Ion:105 Resp: 656815
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.637 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

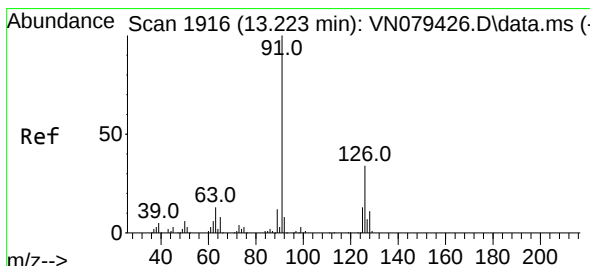
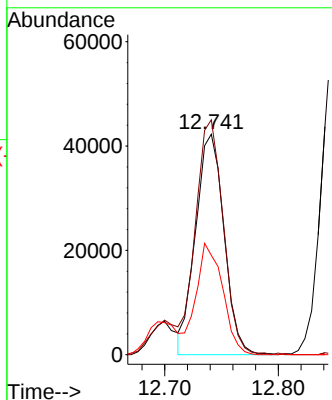
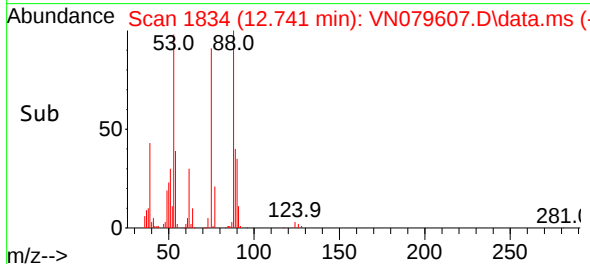
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 73668
Ion Ratio Lower Upper
75 100
53 104.1 67.4 101.2
89 48.0 38.8 58.2

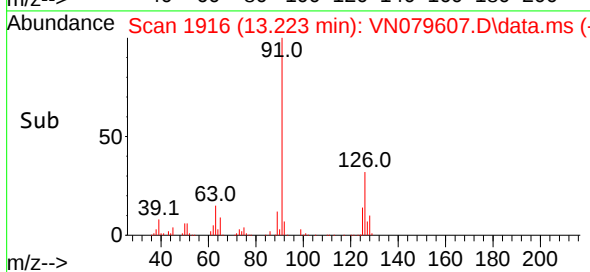
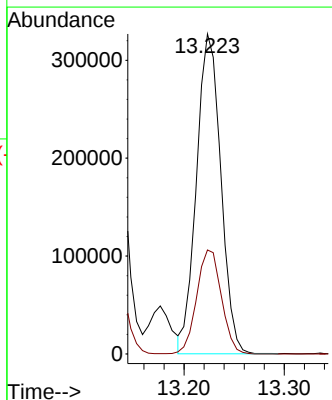
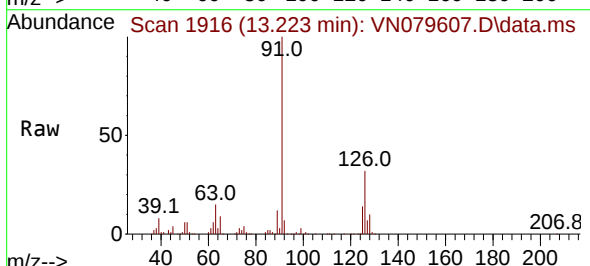
Manual Integrations
APPROVED

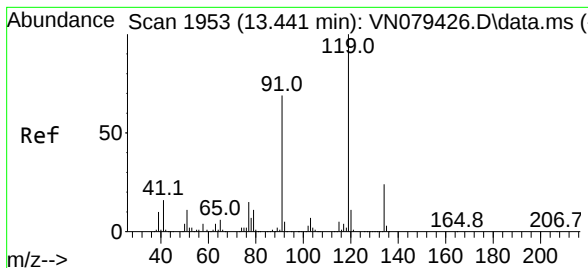
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 48.365 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

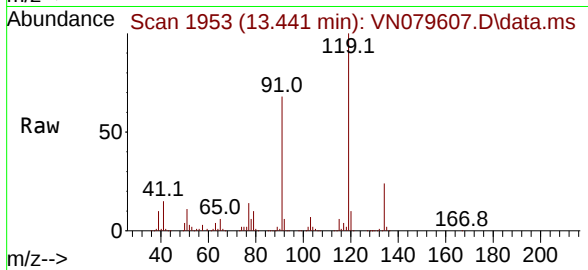
Tgt Ion: 91 Resp: 551932
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.408 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

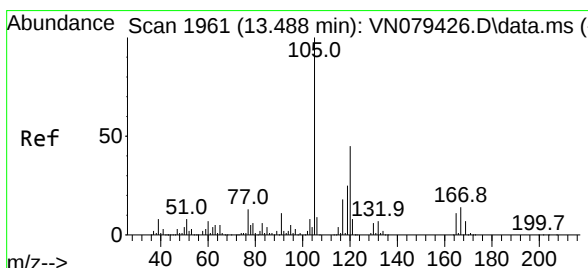
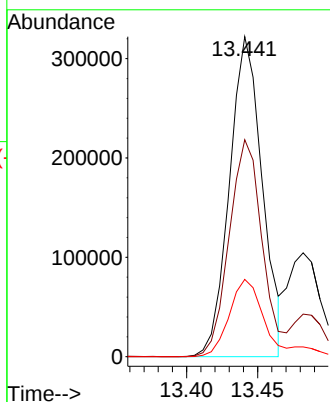
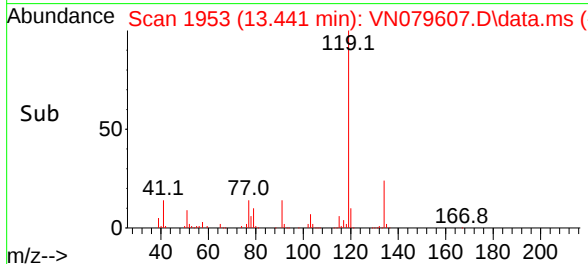
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



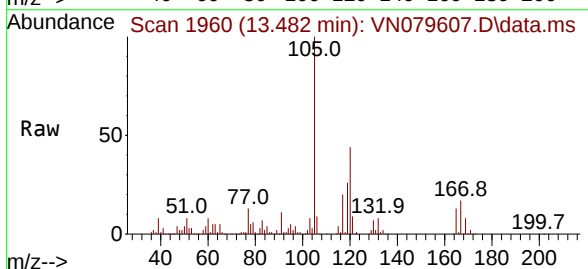
Tgt Ion:119 Resp: 518054
Ion Ratio Lower Upper
119 100
91 68.7 33.9 101.7
134 27.1 13.2 39.6

Manual Integrations
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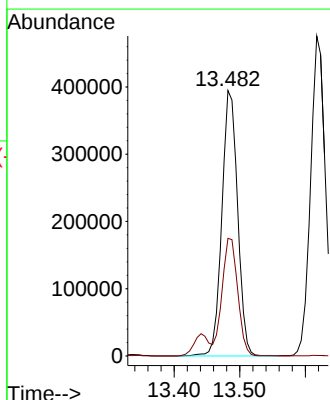
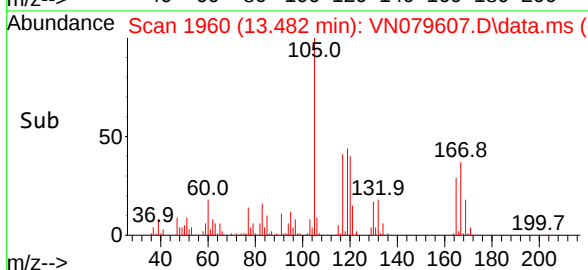
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

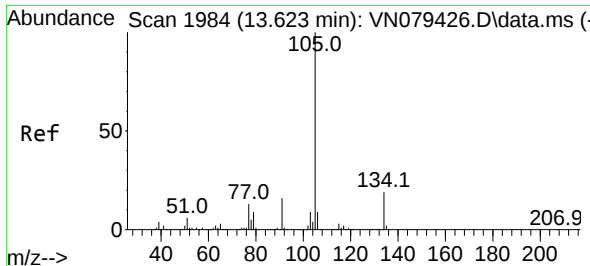


#84
1,2,4-Trimethylbenzene
Concen: 52.583 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



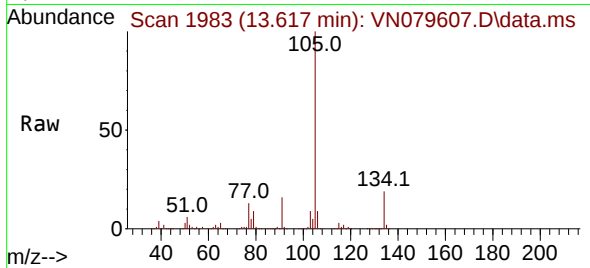
Tgt Ion:105 Resp: 655479
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.248 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079607.D
 Acq: 19 Oct 2023 09:27

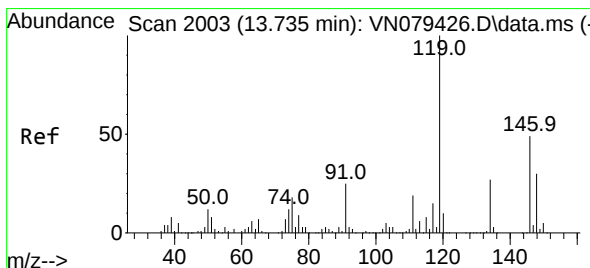
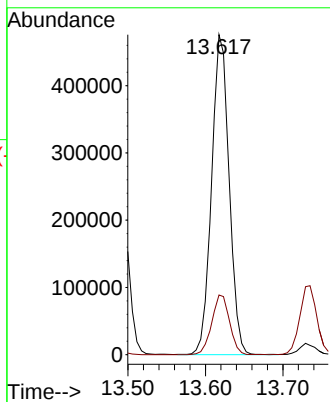
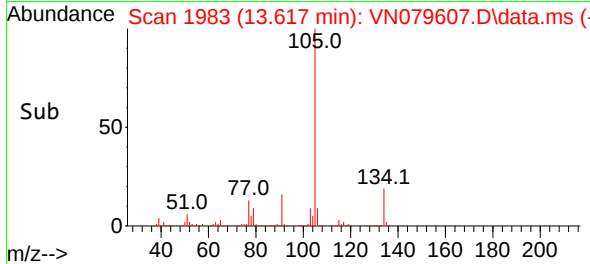
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



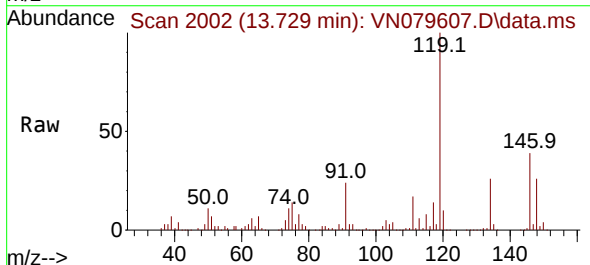
Tgt Ion:105 Resp: 75006
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3

Manual Integrations
 APPROVED

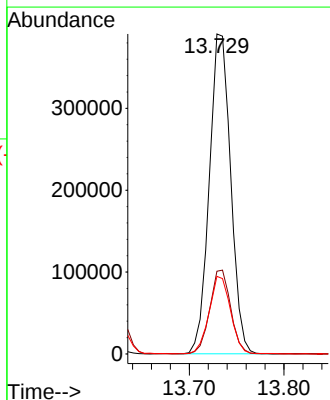
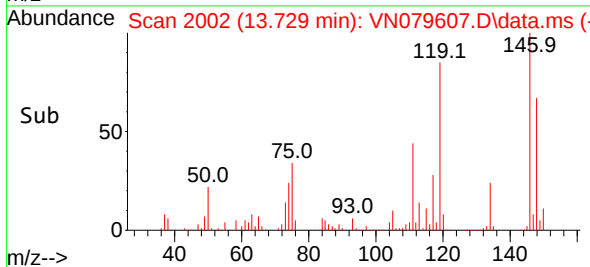
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

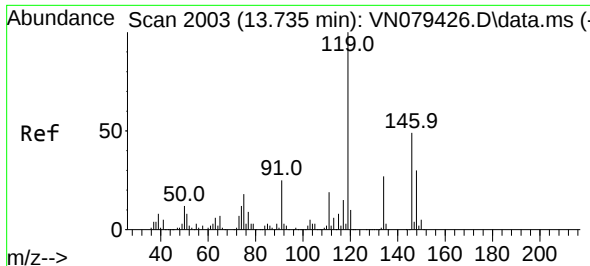


#86
 p-Isopropyltoluene
 Concen: 53.445 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079607.D
 Acq: 19 Oct 2023 09:27



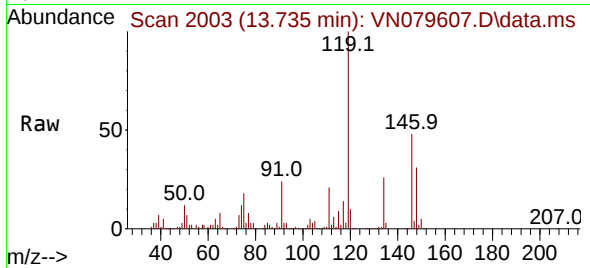
Tgt Ion:119 Resp: 612019
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.5 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 49.134 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079607.D
 Acq: 19 Oct 2023 09:27

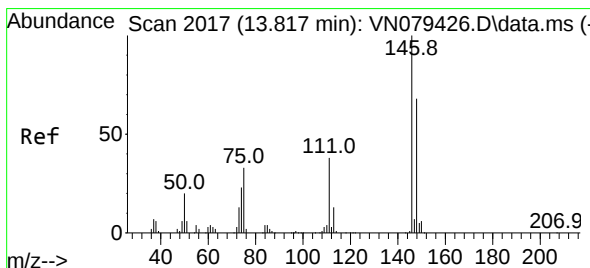
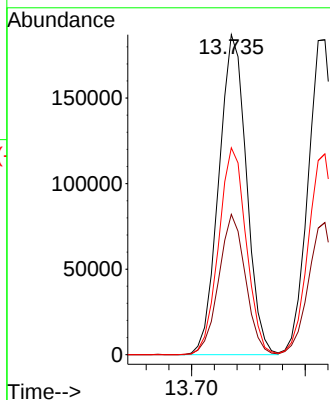
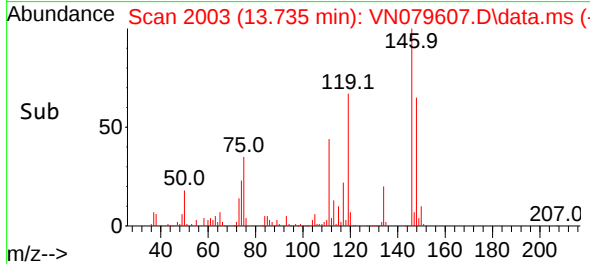
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



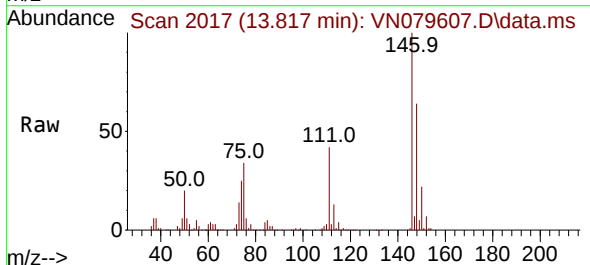
Tgt Ion:146 Resp: 316520
 Ion Ratio Lower Upper
 146 100
 111 42.4 22.1 66.3
 148 64.4 32.0 96.0

Manual Integrations
 APPROVED

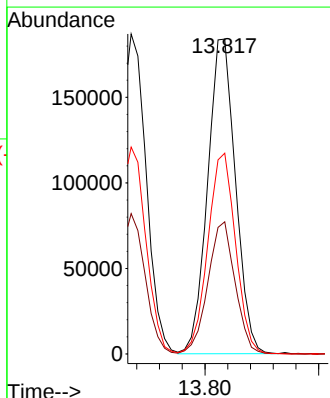
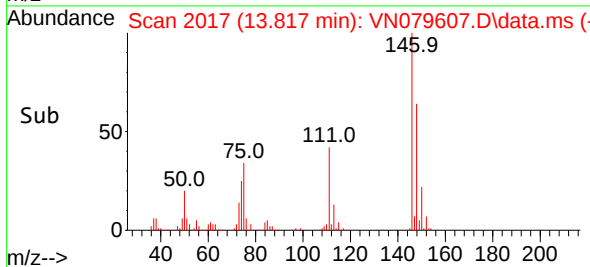
Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

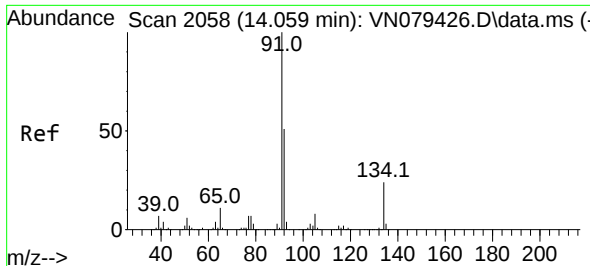


#88
 1,4-Dichlorobenzene
 Concen: 47.202 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079607.D
 Acq: 19 Oct 2023 09:27



Tgt Ion:146 Resp: 313979
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 63.5 31.6 94.8





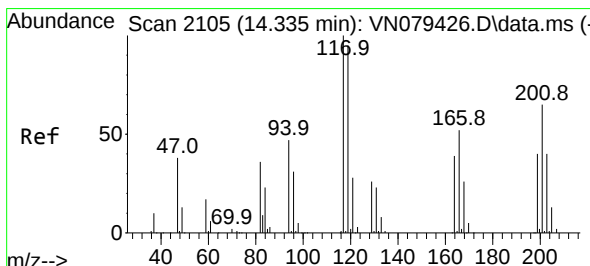
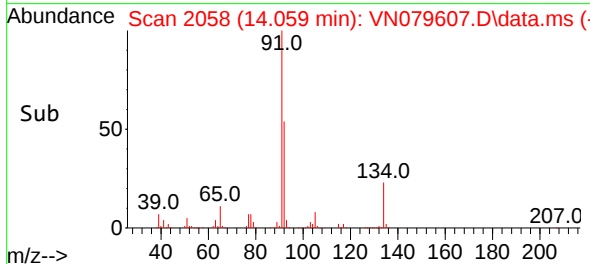
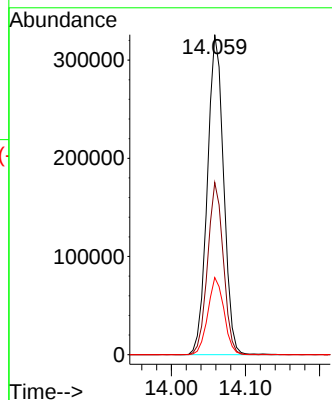
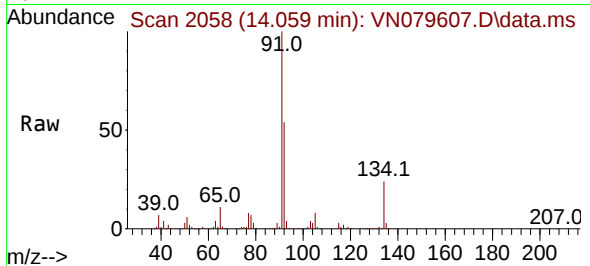
#89
n-Butylbenzene
Concen: 54.319 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 496725
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 24.0 12.6 37.6

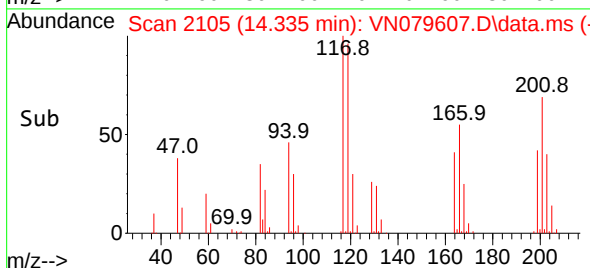
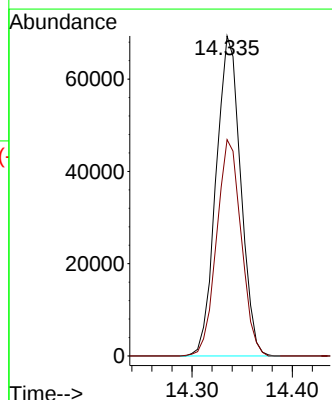
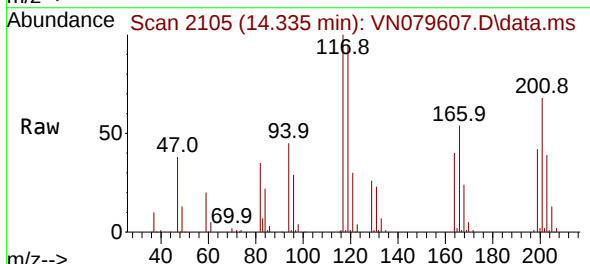
Manual Integrations
APPROVED

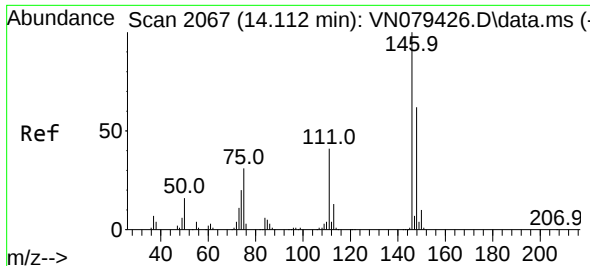
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 50.767 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

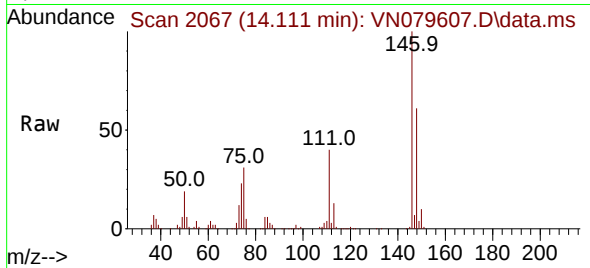
Tgt Ion:117 Resp: 117988
Ion Ratio Lower Upper
117 100
201 67.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.871 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

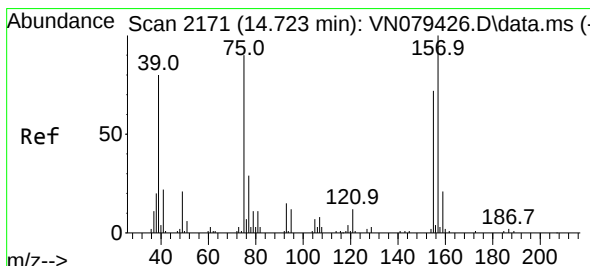
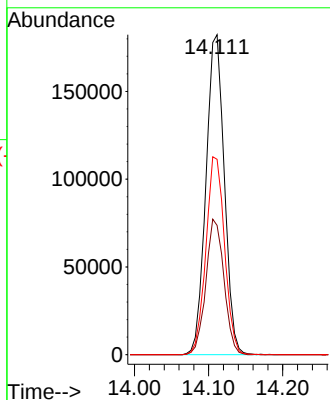
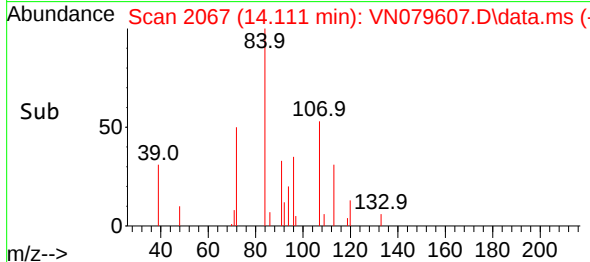
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



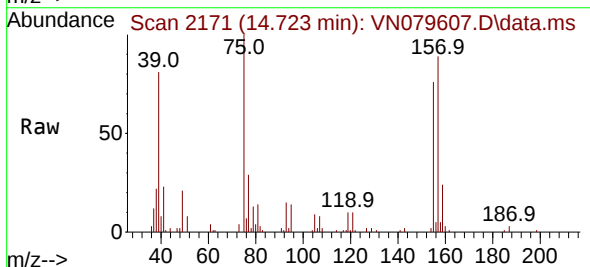
Tgt Ion:146 Resp: 313378
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 62.9 31.8 95.3

Manual Integrations
APPROVED

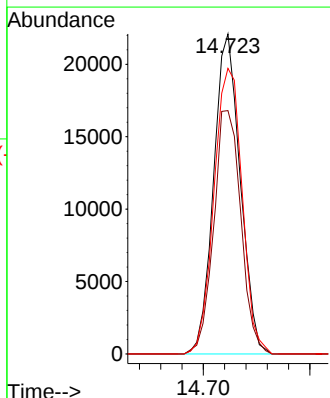
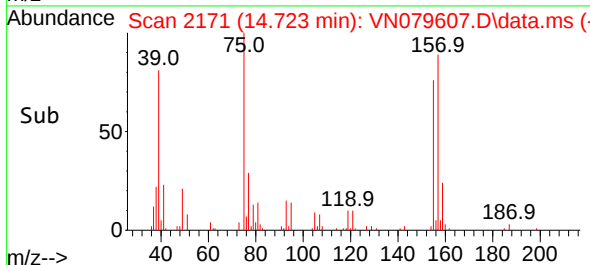
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

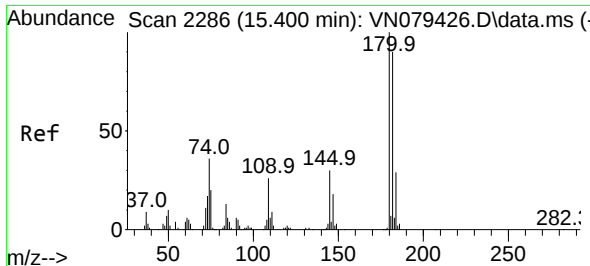


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.896 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



Tgt Ion: 75 Resp: 38214
Ion Ratio Lower Upper
75 100
155 77.9 39.1 117.2
157 94.6 50.3 150.9





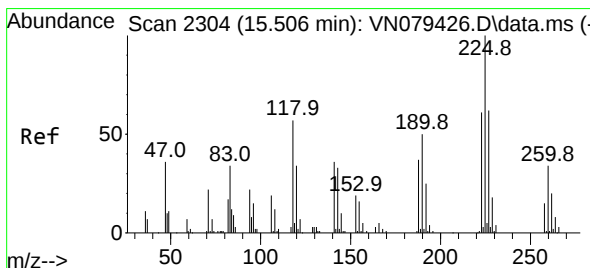
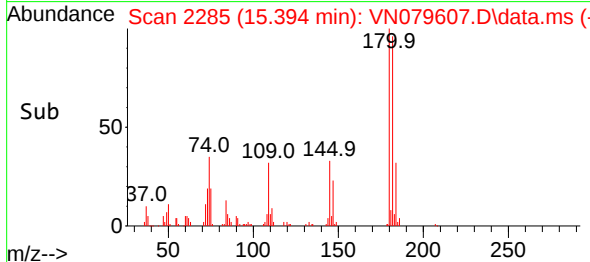
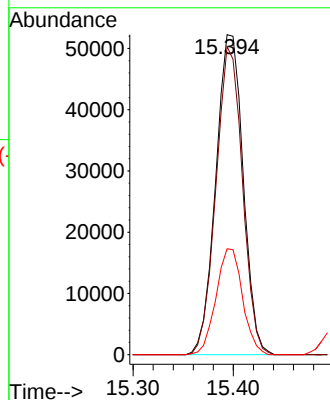
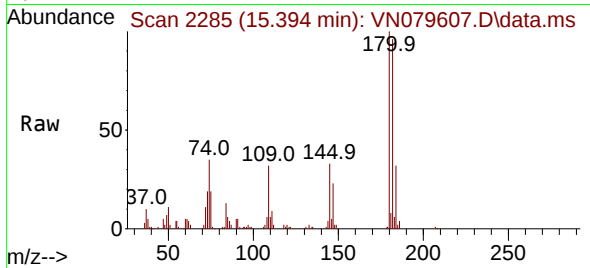
#93
1,2,4-Trichlorobenzene
Concen: 50.834 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 9893
Ion Ratio Lower Upper
180 100
182 93.1 46.1 138.2
145 32.1 16.6 49.8

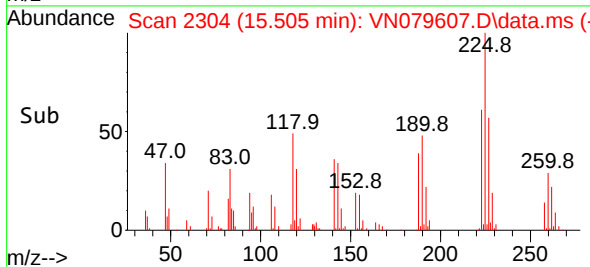
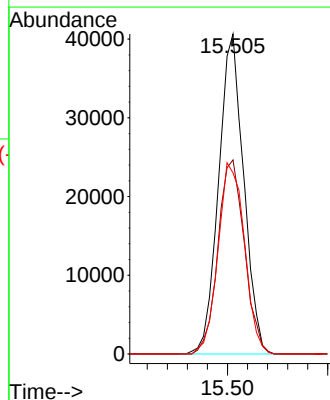
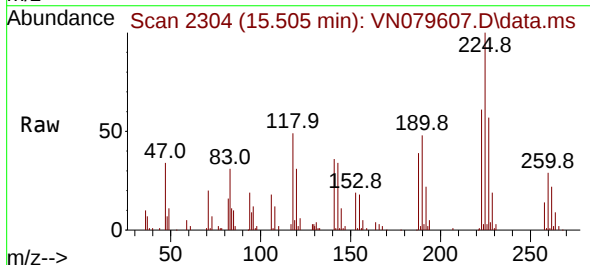
Manual Integrations
APPROVED

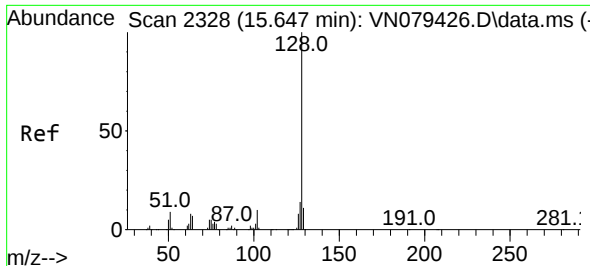
Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#94
Hexachlorobutadiene
Concen: 46.535 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

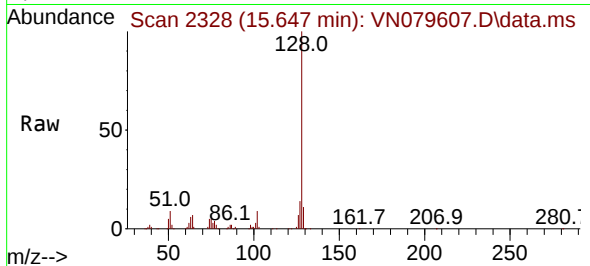
Tgt Ion:225 Resp: 70536
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.8
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 40.769 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27

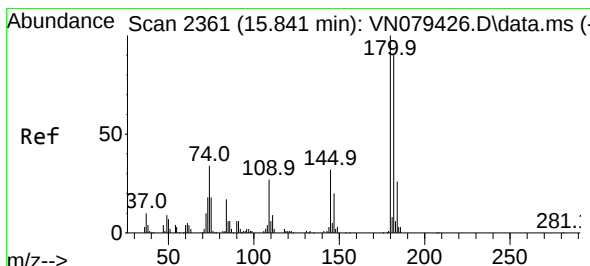
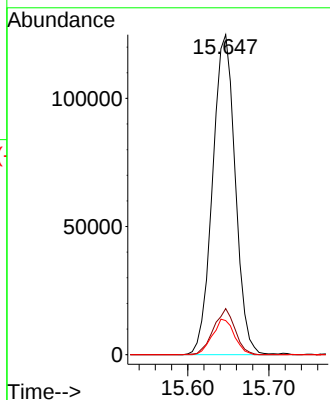
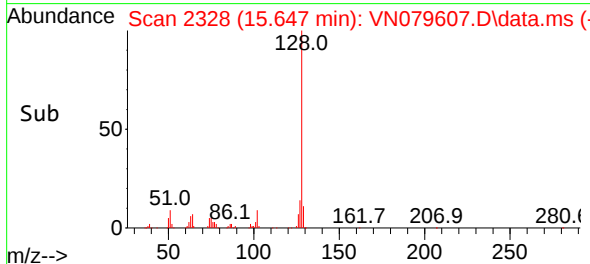
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



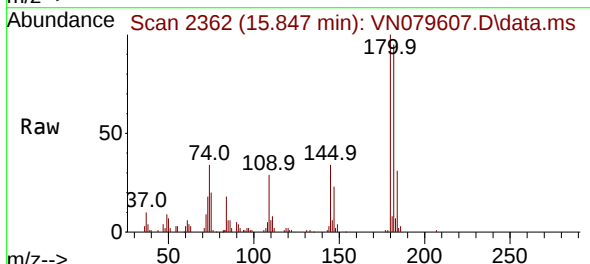
Tgt Ion:128 Resp: 242285
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 44.369 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079607.D
Acq: 19 Oct 2023 09:27



Tgt Ion:180 Resp: 103045
Ion Ratio Lower Upper
180 100
182 95.0 46.2 138.6
145 34.1 17.5 52.6

