

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079815.D
 Acq On : 03 Nov 2023 00:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 03 04:09:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/03/2023
 Supervised By : Mahesh Dadoda 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	290886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	463234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	251706	56.796	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.600%			
35) Dibromofluoromethane	8.171	113	197623	55.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.120%			
50) Toluene-d8	10.571	98	735237	56.147	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.300%			
62) 4-Bromofluorobenzene	12.847	95	252664	58.179	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	189258	54.015	ug/l	100
3) Chloromethane	2.359	50	215692	49.460	ug/l	98
4) Vinyl Chloride	2.512	62	225927	49.260	ug/l	99
5) Bromomethane	2.947	94	147617	52.972	ug/l	91
6) Chloroethane	3.118	64	170749	47.116	ug/l	99
7) Trichlorofluoromethane	3.500	101	291447	51.091	ug/l	100
8) Diethyl Ether	3.965	74	104813	48.418	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.371	101	166309	50.292	ug/l	99
10) Methyl Iodide	4.589	142	179620	47.564	ug/l	100
11) Tert butyl alcohol	5.518	59	125309	221.500	ug/l	99
12) 1,1-Dichloroethene	4.342	96	157961	50.450	ug/l	86
13) Acrolein	4.177	56	131350	312.022	ug/l	97
14) Allyl chloride	5.024	41	250398	52.214	ug/l #	90
15) Acrylonitrile	5.718	53	454003	257.515	ug/l	98
16) Acetone	4.424	43	370049	237.715	ug/l	96
17) Carbon Disulfide	4.712	76	446863	49.478	ug/l	98
18) Methyl Acetate	5.024	43	376263	50.521	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	553089	51.308	ug/l #	91
20) Methylene Chloride	5.277	84	197342	50.240	ug/l #	81
21) trans-1,2-Dichloroethene	5.788	96	182496	52.261	ug/l #	81
22) Diisopropyl ether	6.671	45	638000	57.408	ug/l #	90
23) Vinyl Acetate	6.606	43	1665350	271.664	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	369041	54.634	ug/l	96
25) 2-Butanone	7.482	43	598382	262.499	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	259176	46.394	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	218236	52.246	ug/l	86
28) Bromochloromethane	7.818	49	190190	57.776	ug/l #	75
29) Tetrahydrofuran	7.835	42	406888	274.348	ug/l #	74
30) Chloroform	7.971	83	380077	51.801	ug/l	94
31) Cyclohexane	8.259	56	303359	51.802	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	321347	53.751	ug/l	92
36) 1,1-Dichloropropene	8.377	75	283011	55.723	ug/l	94
37) Ethyl Acetate	7.559	43	248736	53.400	ug/l #	91
38) Carbon Tetrachloride	8.365	117	276516	54.022	ug/l	98
39) Methylcyclohexane	9.606	83	259654	54.324	ug/l	90
40) Benzene	8.606	78	834645	54.867	ug/l	99

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Reviewed By : John Carlone 11/03/2023
 Supervised By : Mahesh Dadoda 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	137377	55.540	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	297987	56.080	ug/l	97
43) Isopropyl Acetate	8.688	43	412664	50.518	ug/l #	91
44) Trichloroethene	9.353	130	194721	51.585	ug/l	97
45) 1,2-Dichloropropane	9.624	63	222665	57.277	ug/l	99
46) Dibromomethane	9.712	93	143617	54.104	ug/l	94
47) Bromodichloromethane	9.888	83	303310	53.578	ug/l	95
48) Methyl methacrylate	9.682	41	206241	57.642	ug/l #	80
49) 1,4-Dioxane	9.700	88	63785	1008.900	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1308130	284.446	ug/l	89
52) Toluene	10.635	92	511481	56.716	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	301969	54.412	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	332820	55.020	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	201608	55.580	ug/l	94
56) Ethyl methacrylate	10.876	69	294975	57.011	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	357435	55.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	692085	263.915	ug/l	89
59) 2-Hexanone	11.200	43	930897	264.600	ug/l	88
60) Dibromochloromethane	11.359	129	211401	54.447	ug/l	99
61) 1,2-Dibromoethane	11.470	107	196043	53.848	ug/l	98
64) Tetrachloroethene	11.106	164	167930	55.974	ug/l	99
65) Chlorobenzene	11.894	112	535494	53.291	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	198463	54.819	ug/l	96
67) Ethyl Benzene	11.965	91	973284	55.594	ug/l	95
68) m/p-Xylenes	12.076	106	726218	111.355	ug/l	93
69) o-Xylene	12.400	106	346994	55.254	ug/l	91
70) Styrene	12.412	104	599714	59.422	ug/l	98
71) Bromoform	12.582	173	141089	54.882	ug/l #	100
73) Isopropylbenzene	12.700	105	884956	53.105	ug/l	99
74) N-amyl acetate	12.494	43	359408	49.412	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	289540	49.005	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	253638m	49.203	ug/l	
77) Bromobenzene	12.982	156	213275	52.275	ug/l	95
78) n-propylbenzene	13.041	91	1062040	55.654	ug/l	97
79) 2-Chlorotoluene	13.129	91	644863	52.898	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	726329	56.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	85143	44.939	ug/l #	77
82) 4-Chlorotoluene	13.223	91	643613	53.129	ug/l	99
83) tert-Butylbenzene	13.441	119	581260	54.770	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	734460	57.578	ug/l	99
85) sec-Butylbenzene	13.617	105	829107	56.388	ug/l	99
86) p-Isopropyltoluene	13.729	119	684666	57.114	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	394715	52.007	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	394787	51.246	ug/l	99
89) n-Butylbenzene	14.059	91	576130	55.799	ug/l	98
90) Hexachloroethane	14.335	117	126541	53.300	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	376651	52.571	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50528	50.429	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	177896	52.219	ug/l	99
94) Hexachlorobutadiene	15.506	225	79231	51.304	ug/l	98
95) Naphthalene	15.641	128	532730	46.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	168061	50.327	ug/l	96

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VSTDCCC050

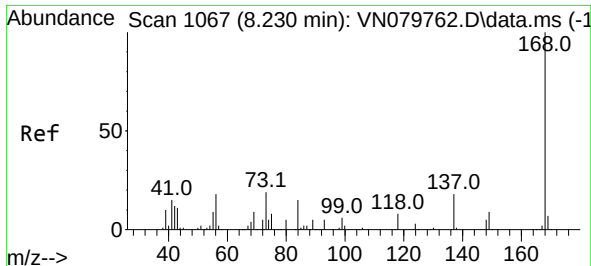
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/03/2023

Quant Time: Nov 03 04:09:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

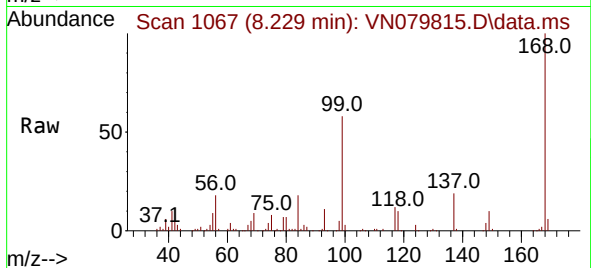
Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

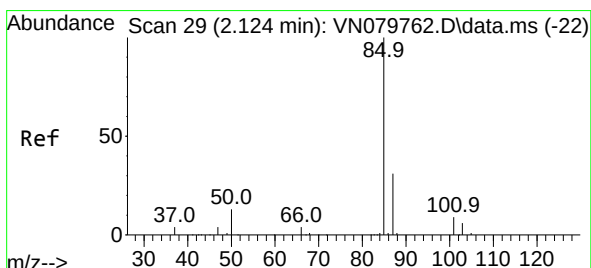
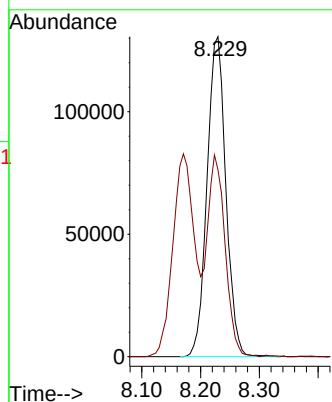
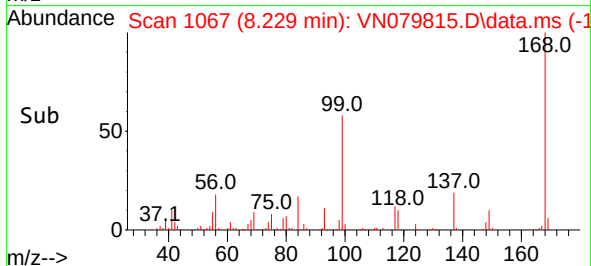
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 290880
Ion Ratio Lower Upper
168 100
99 58.3 53.0 79.6

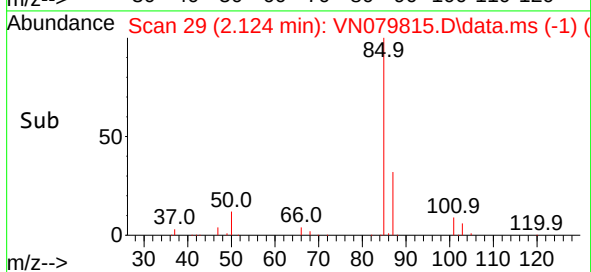
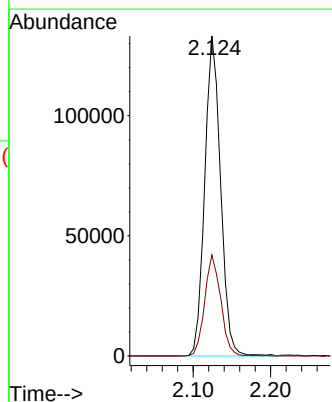
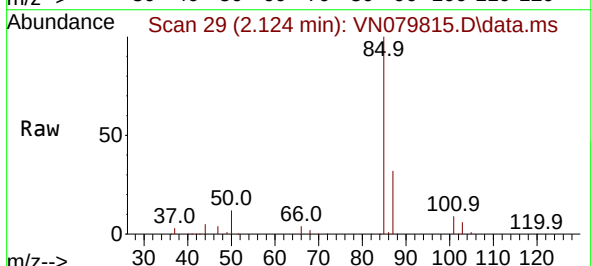
Manual Integrations
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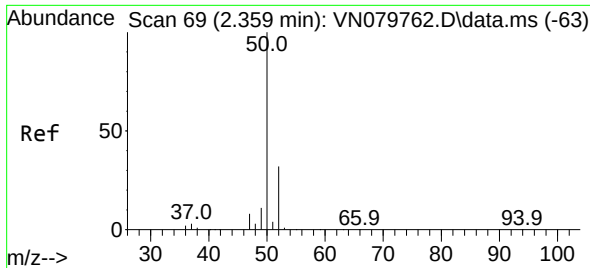
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#2
Dichlorodifluoromethane
Concen: 54.015 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

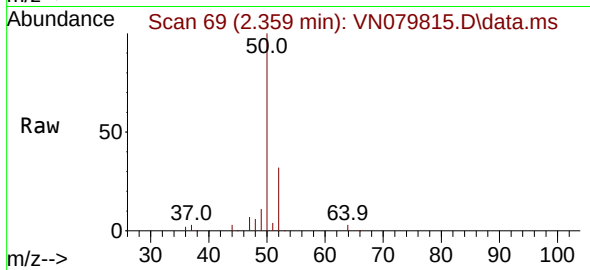
Tgt Ion: 85 Resp: 189258
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3
Chloromethane
Concen: 49.460 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

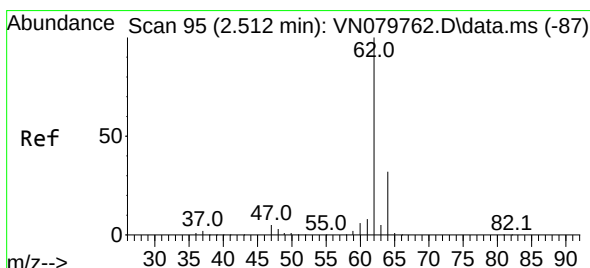
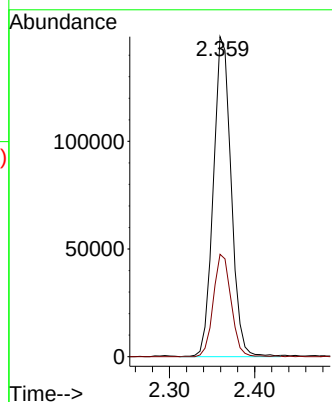
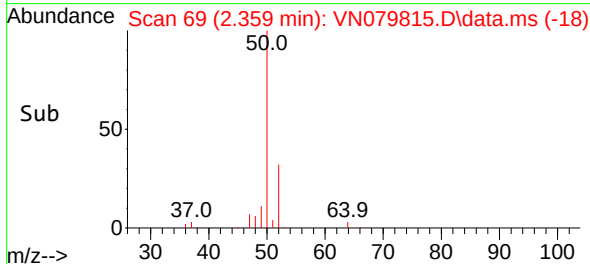
Instrument :
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VSTDCCC050



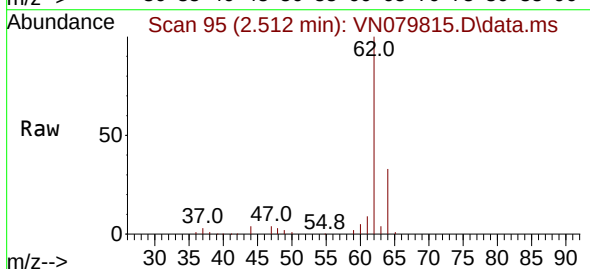
Tgt Ion: 50 Resp: 215692
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

Manual Integrations
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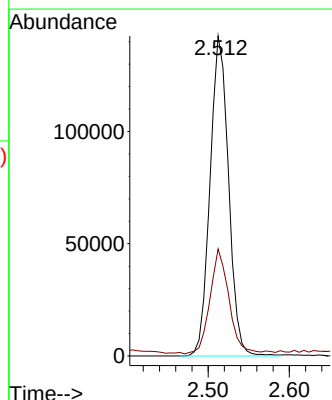
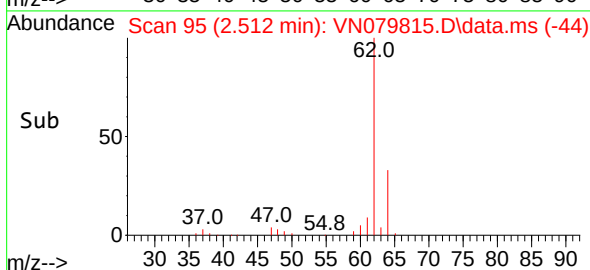
Reviewed By :John Carlone 11/03/2023
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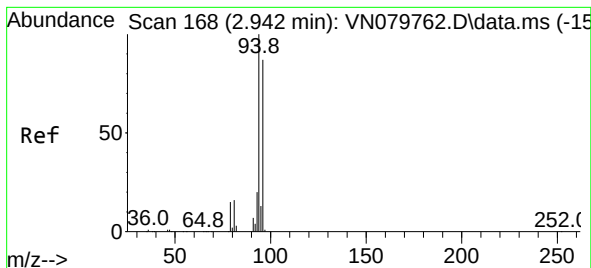


#4
Vinyl Chloride
Concen: 49.260 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



Tgt Ion: 62 Resp: 225927
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5

Bromomethane

Concen: 52.972 ug/l

RT: 2.947 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 14761

Ion Ratio Lower Upper

94 100

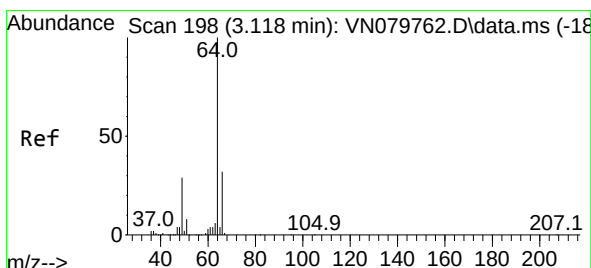
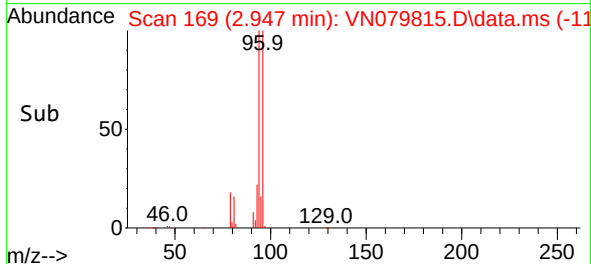
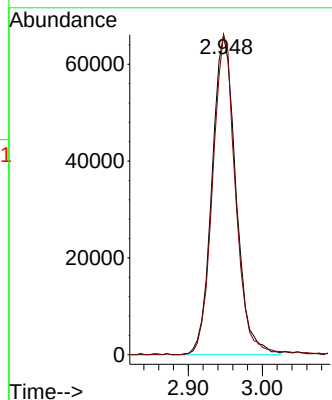
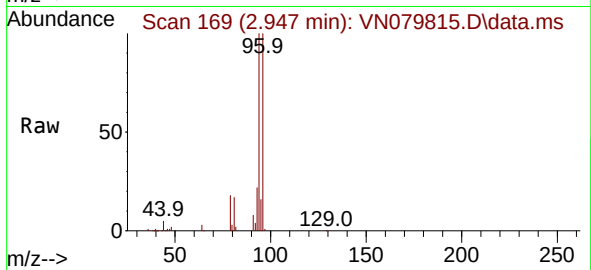
96 100.1 73.1 109.7

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 47.116 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN079815.D

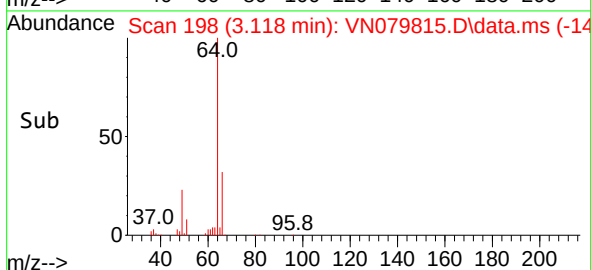
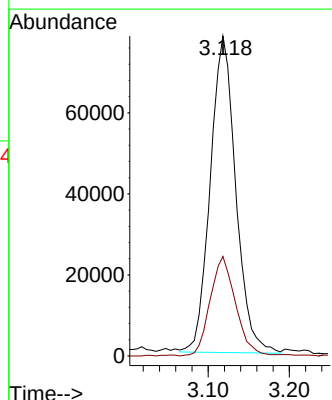
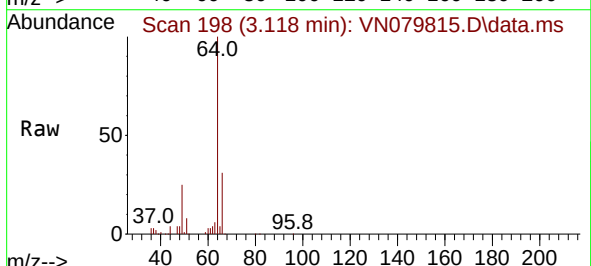
Acq: 03 Nov 2023 00:10

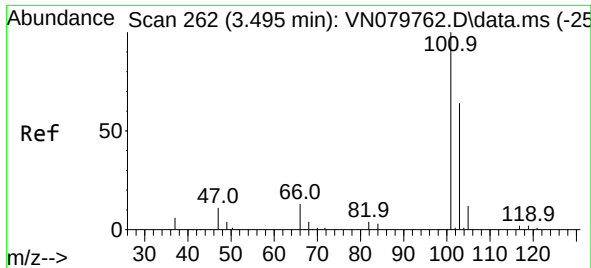
Tgt Ion: 64 Resp: 170749

Ion Ratio Lower Upper

64 100

66 31.5 25.4 38.2





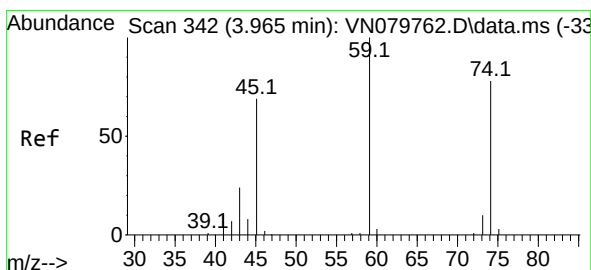
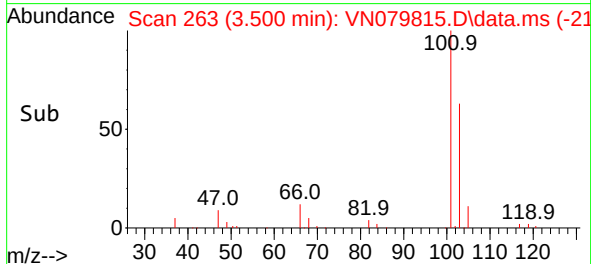
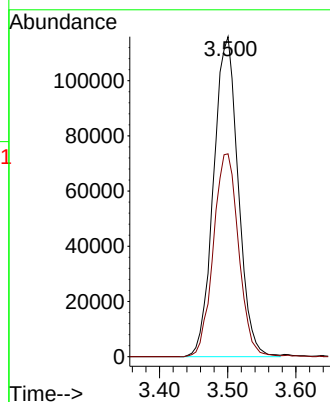
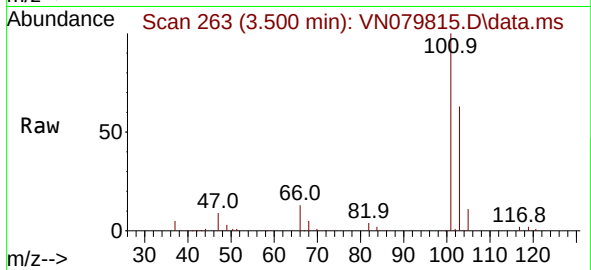
#7
Trichlorofluoromethane
Concen: 51.091 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 29144
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1

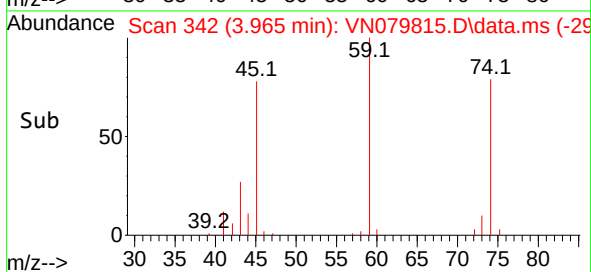
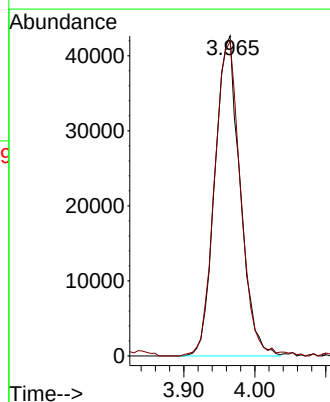
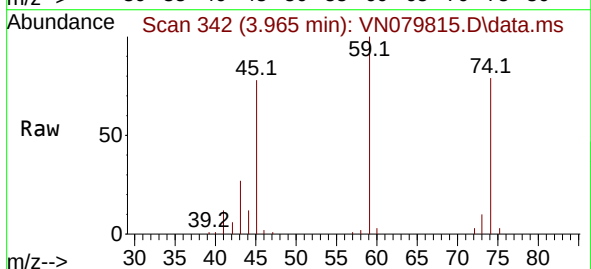
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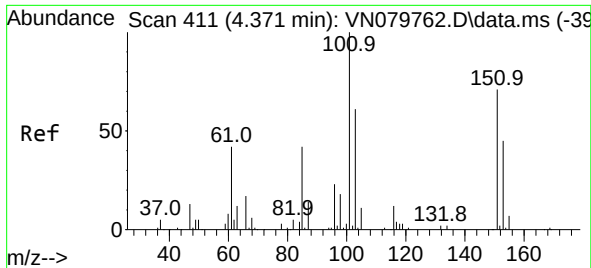
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#8
Diethyl Ether
Concen: 48.418 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion: 74 Resp: 104813
Ion Ratio Lower Upper
74 100
45 101.9 34.4 103.3





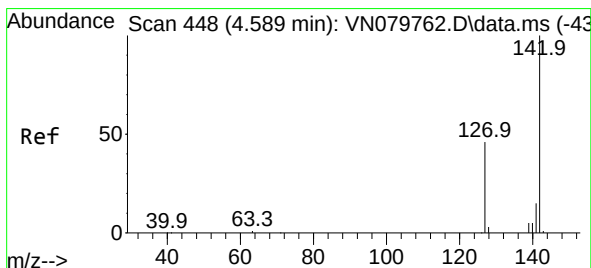
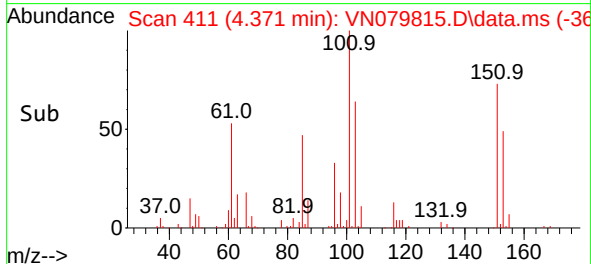
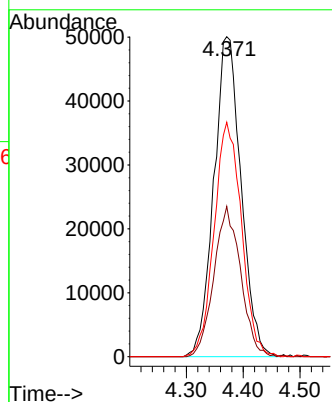
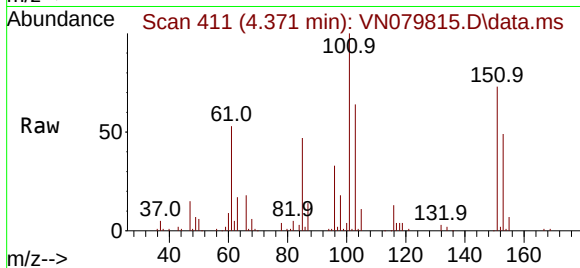
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.292 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 166309
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 73.6 57.6 86.4

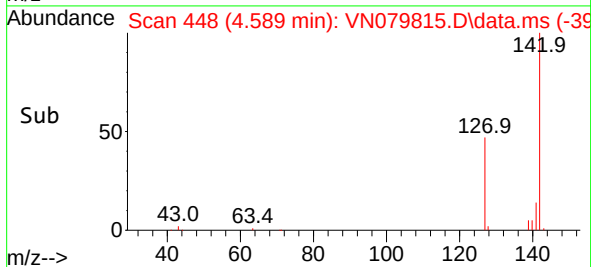
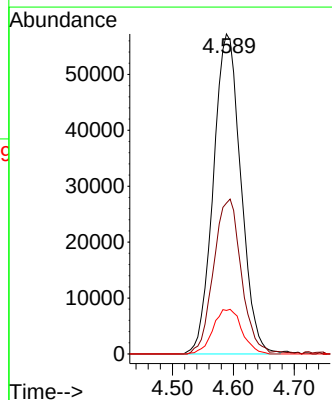
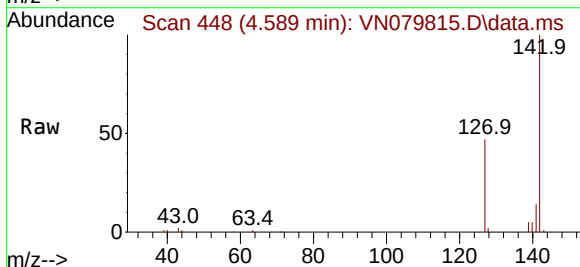
Manual Integrations
APPROVED

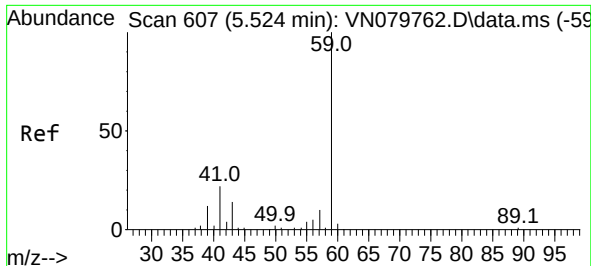
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#10
Methyl Iodide
Concen: 47.564 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion:142 Resp: 179620
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 13.6 11.4 17.0





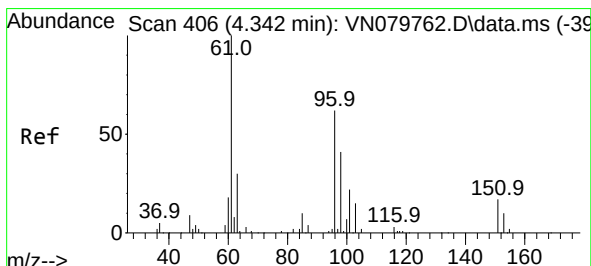
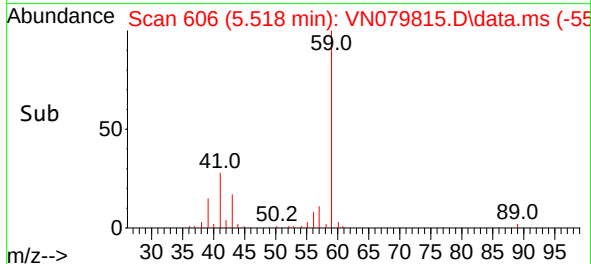
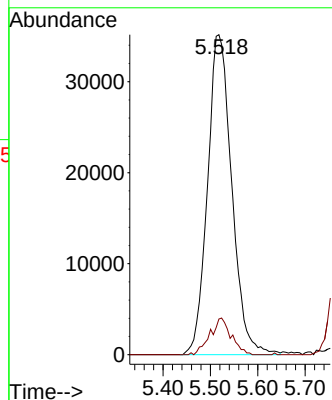
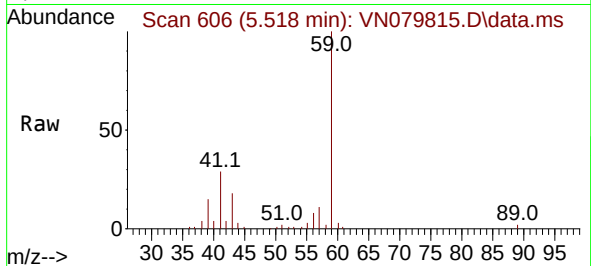
#11
Tert butyl alcohol
Concen: 221.500 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 125309
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

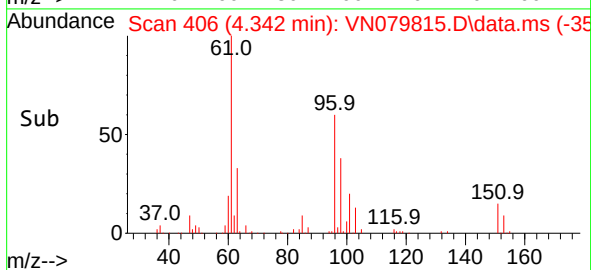
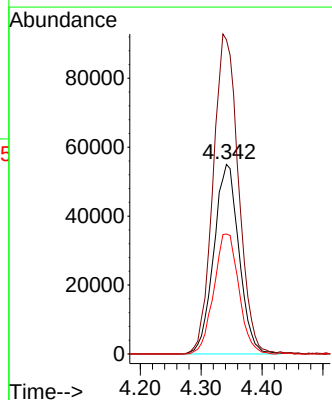
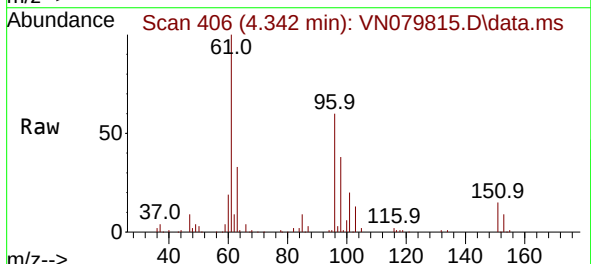
Manual Integrations
APPROVED

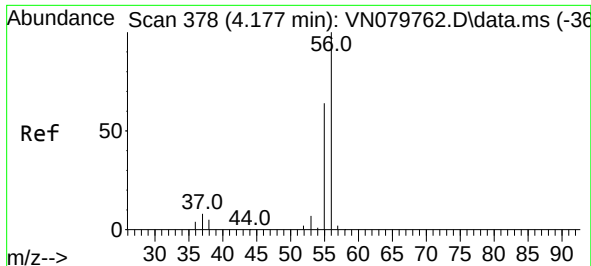
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#12
1,1-Dichloroethene
Concen: 50.450 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

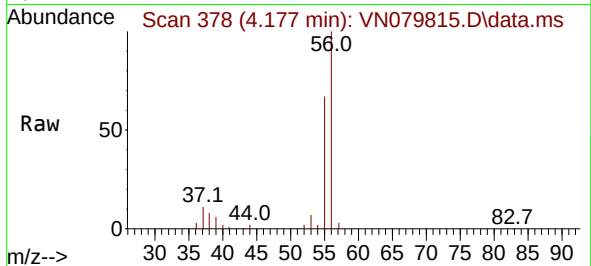
Tgt Ion: 96 Resp: 157961
Ion Ratio Lower Upper
96 100
61 165.7 112.7 169.1
98 63.2 51.2 76.8





#13
Acrolein
Concen: 312.022 ug/l
RT: 4.177 min Scan# 313
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

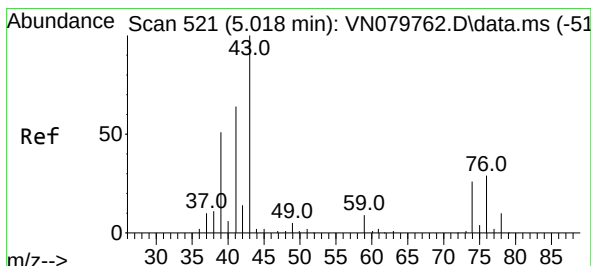
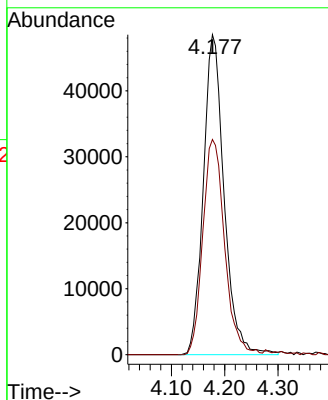
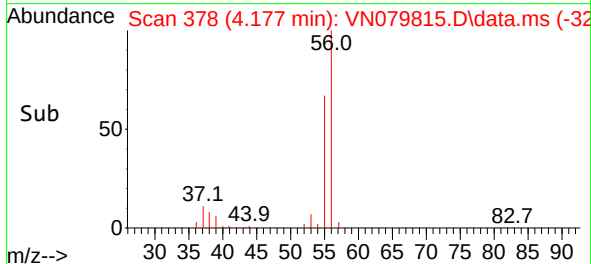
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



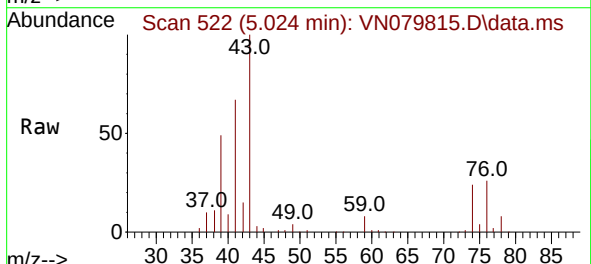
Tgt Ion: 56 Resp: 131350
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

Manual Integrations
APPROVED

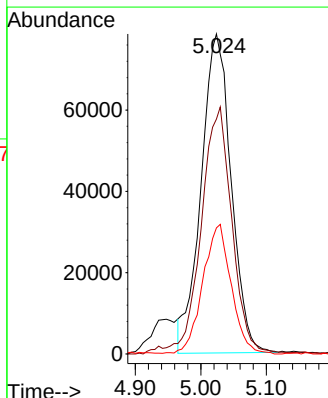
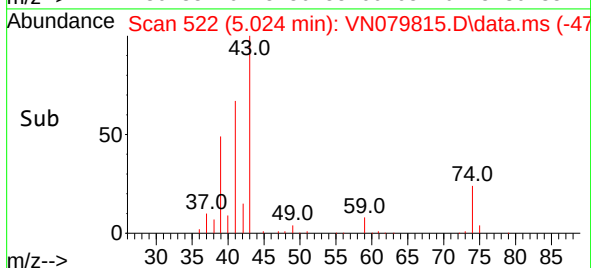
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

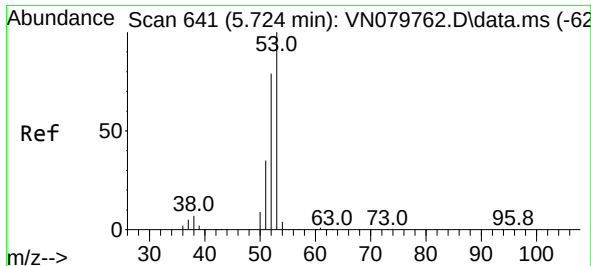


#14
Allyl chloride
Concen: 52.214 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



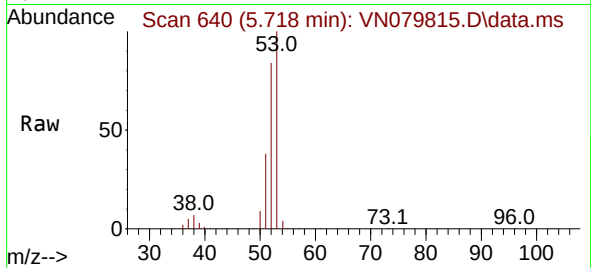
Tgt Ion: 41 Resp: 250398
Ion Ratio Lower Upper
41 100
39 79.4 58.8 88.2
76 38.5 39.1 58.7#





#15
Acrylonitrile
Concen: 257.515 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

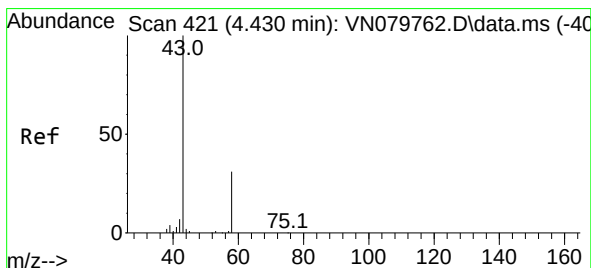
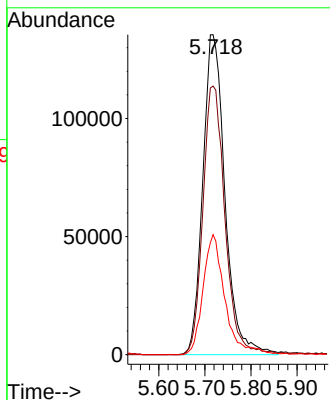
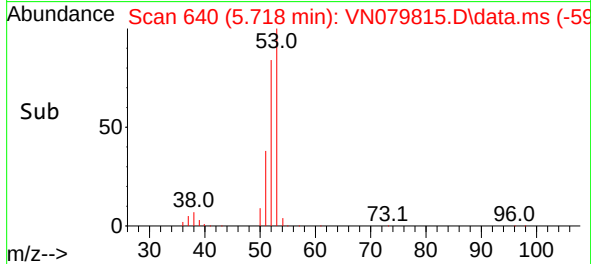
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 45400
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.0 28.9 43.3

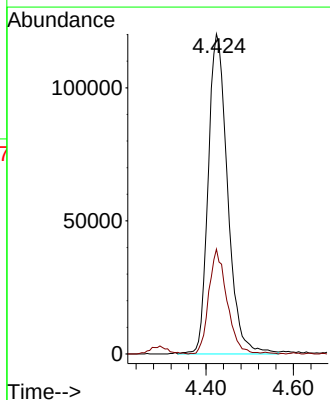
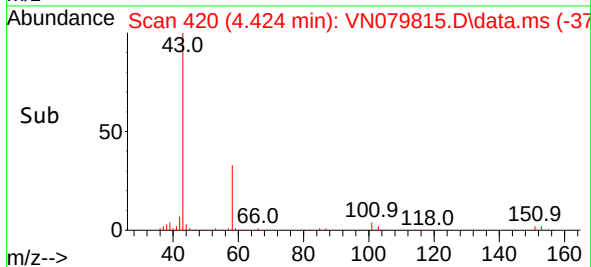
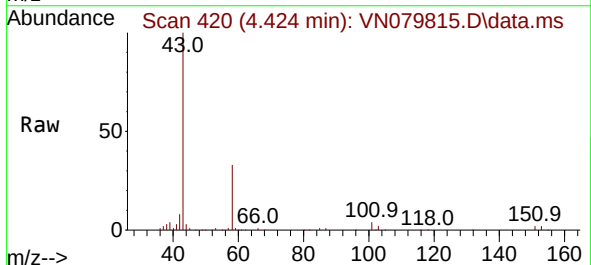
Manual Integrations
APPROVED

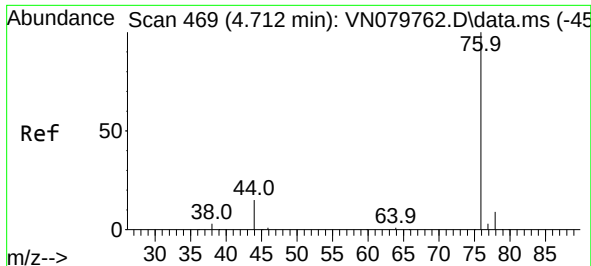
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#16
Acetone
Concen: 237.715 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

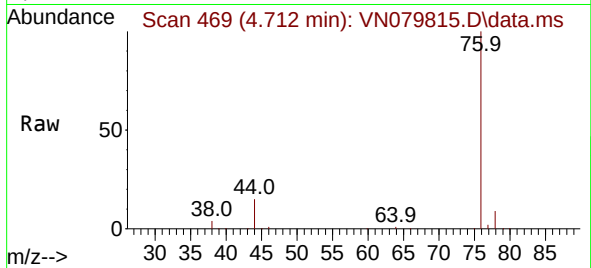
Tgt Ion: 43 Resp: 370049
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0





#17
Carbon Disulfide
Concen: 49.478 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

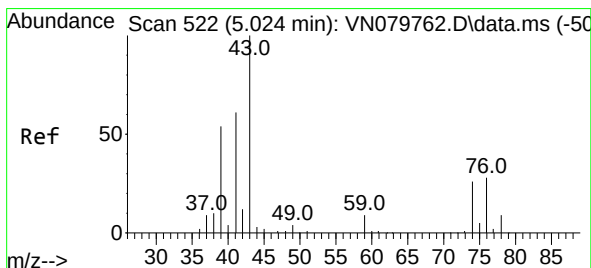
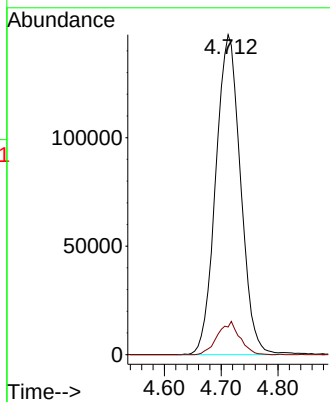
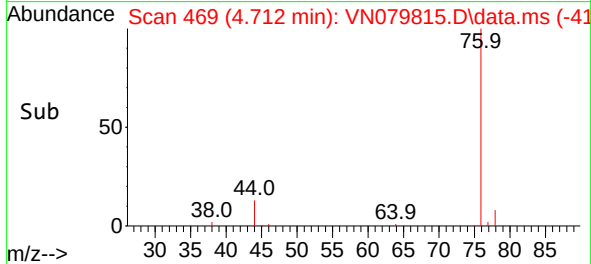
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 446863
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

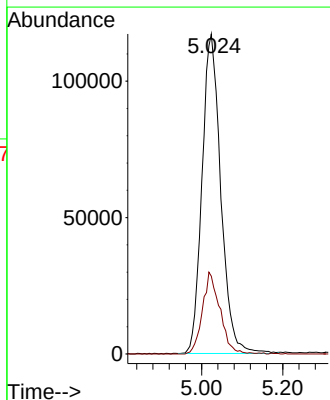
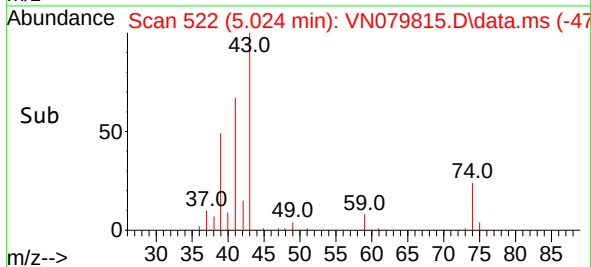
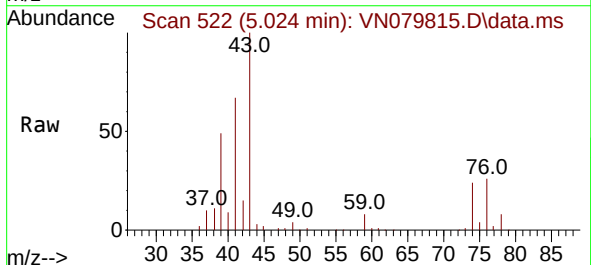
Manual Integrations
APPROVED

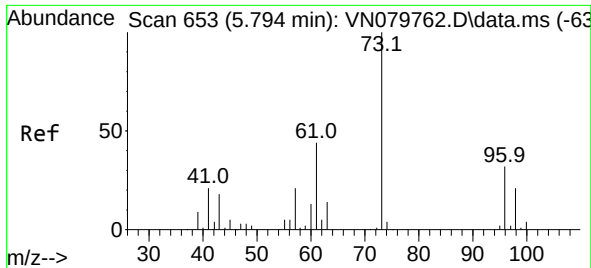
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#18
Methyl Acetate
Concen: 50.521 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion: 43 Resp: 376263
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#





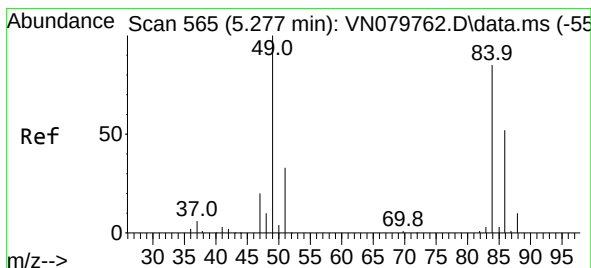
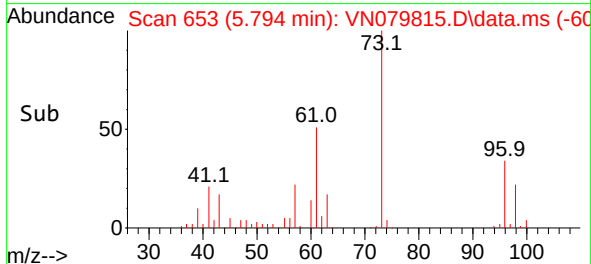
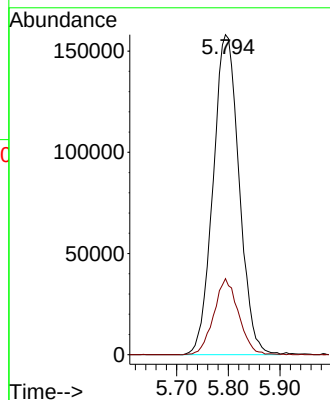
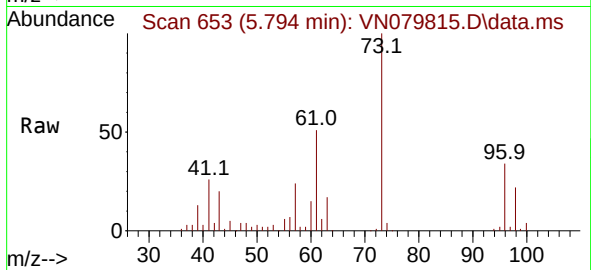
#19
Methyl tert-butyl Ether
Concen: 51.308 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 553089
Ion Ratio Lower Upper
73 100
57 23.8 15.6 23.4

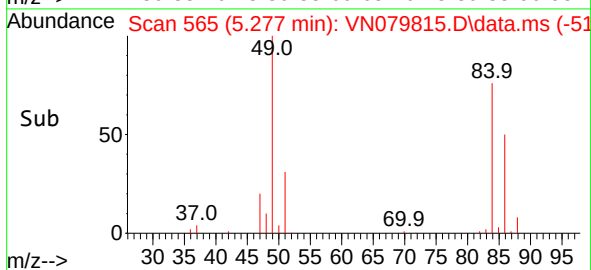
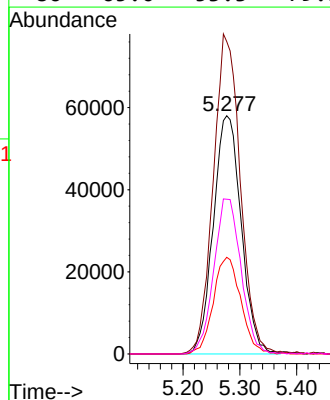
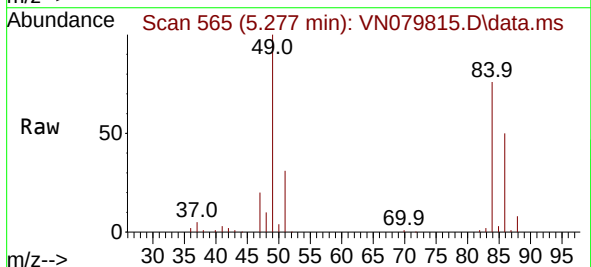
Manual Integrations
APPROVED

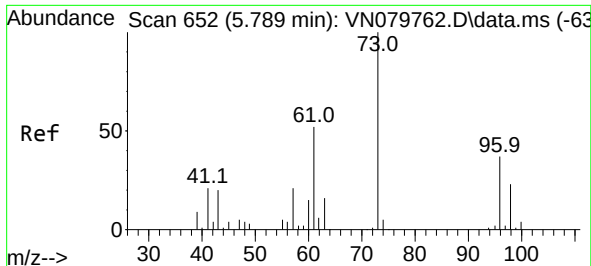
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#20
Methylene Chloride
Concen: 50.240 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

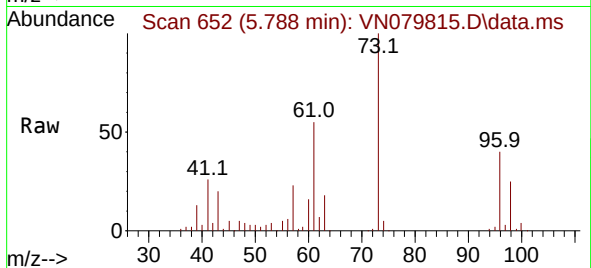
Tgt Ion: 84 Resp: 197342
Ion Ratio Lower Upper
84 100
49 131.1 79.7 119.5#
51 40.6 25.2 37.8#
86 65.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 52.261 ug/l
RT: 5.788 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

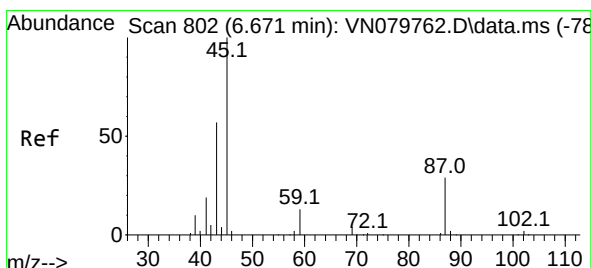
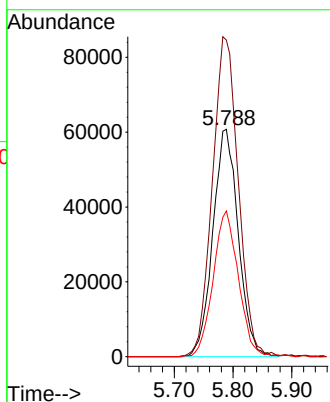
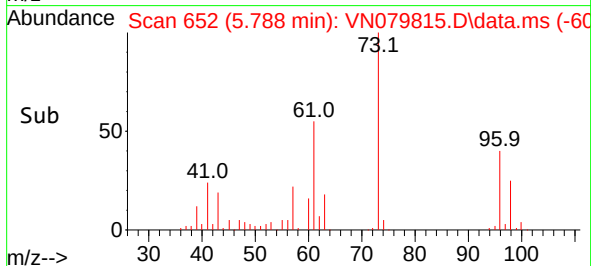
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 182490
Ion Ratio Lower Upper
96 100
61 139.3 90.1 135.1
98 64.1 46.4 69.6

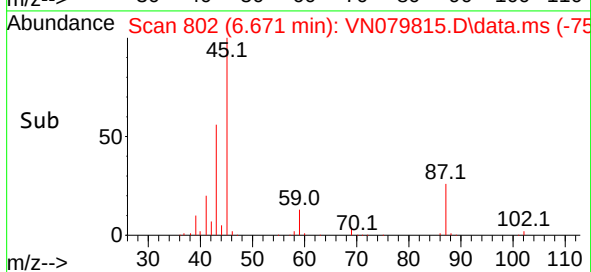
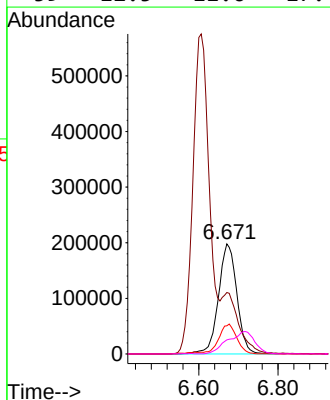
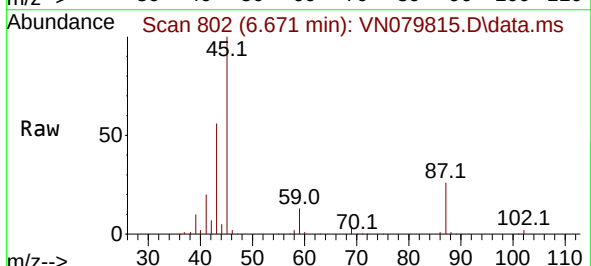
Manual Integrations
APPROVED

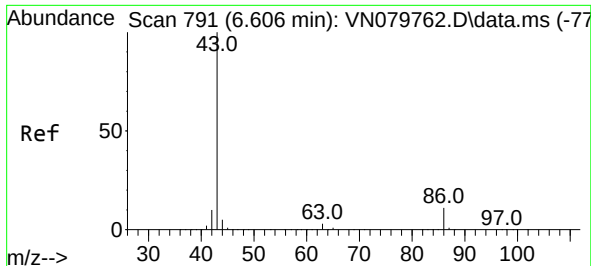
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#22
Diisopropyl ether
Concen: 57.408 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion: 45 Resp: 638000
Ion Ratio Lower Upper
45 100
43 55.1 45.5 68.3
87 25.5 31.8 47.8
59 12.5 11.6 17.4





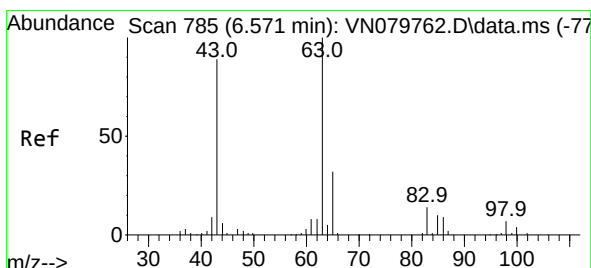
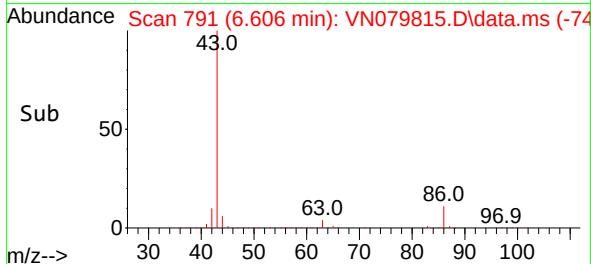
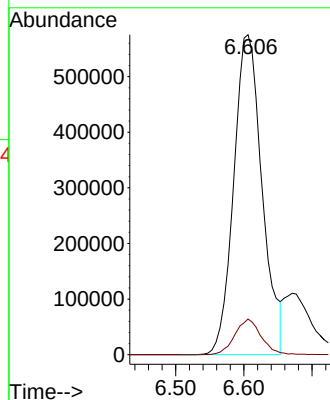
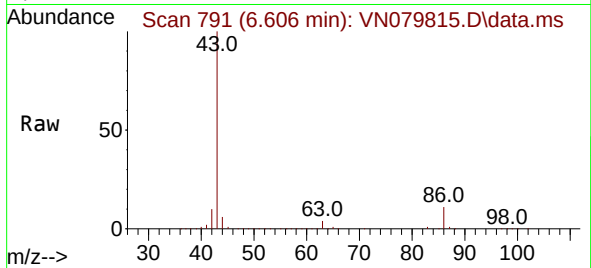
#23
 Vinyl Acetate
 Concen: 271.664 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079815.D
 Acq: 03 Nov 2023 00:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1665350
 Ion Ratio Lower Upper
 43 100
 86 11.1 13.0 19.6

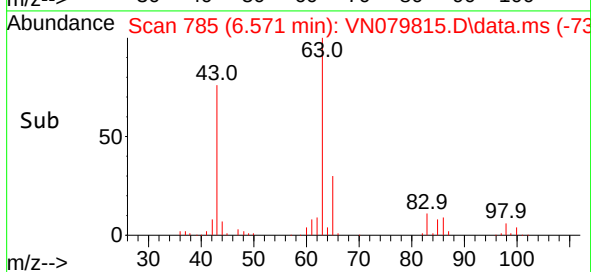
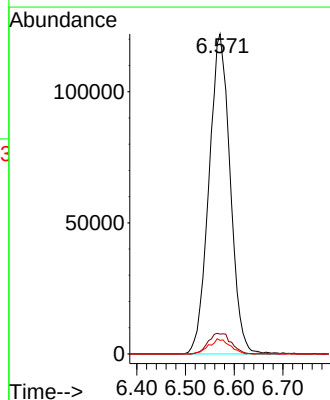
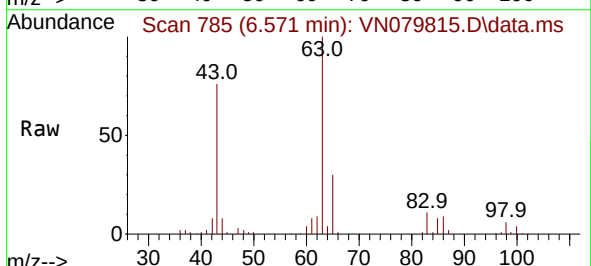
Manual Integrations
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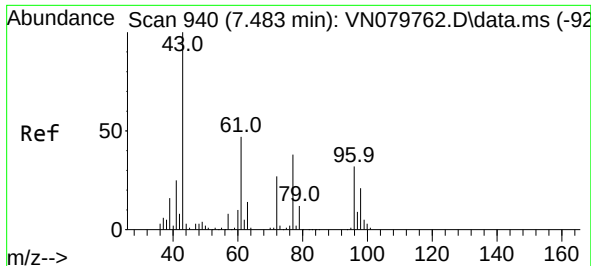
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#24
 1,1-Dichloroethane
 Concen: 54.634 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079815.D
 Acq: 03 Nov 2023 00:10

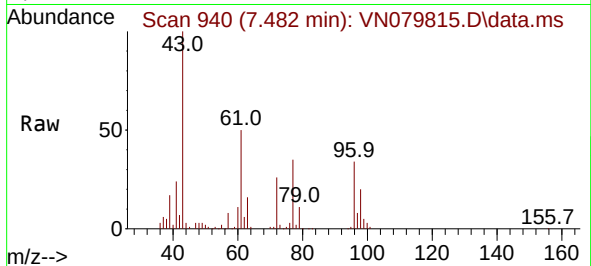
Tgt Ion: 63 Resp: 369041
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 262.499 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

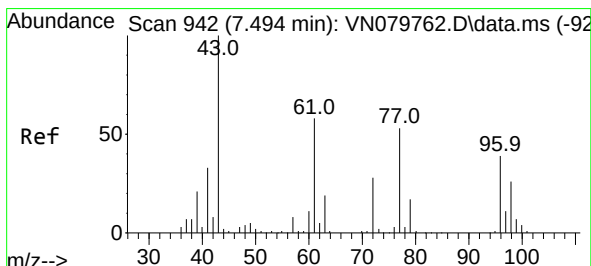
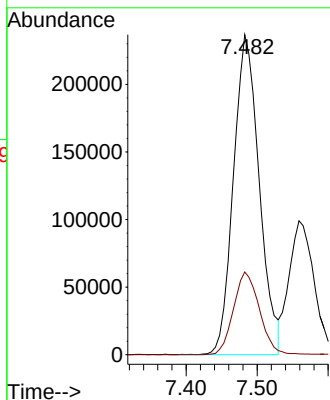
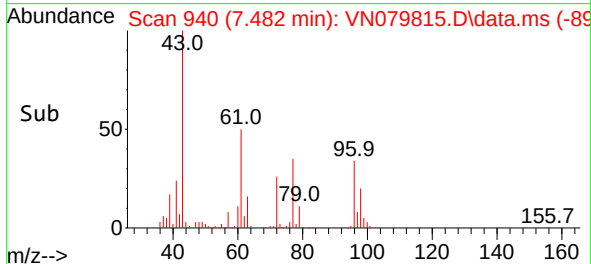
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 59838
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2

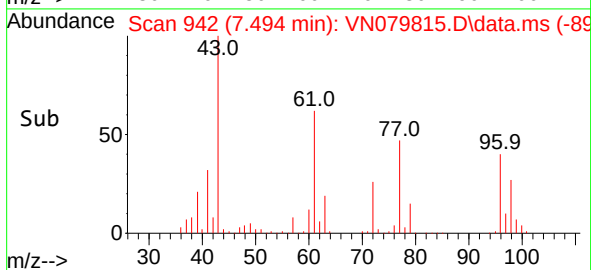
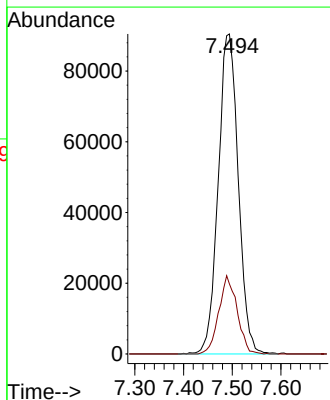
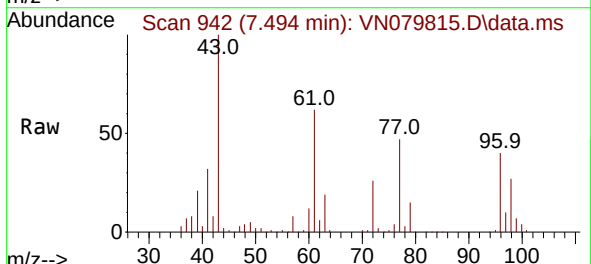
Manual Integrations
APPROVED

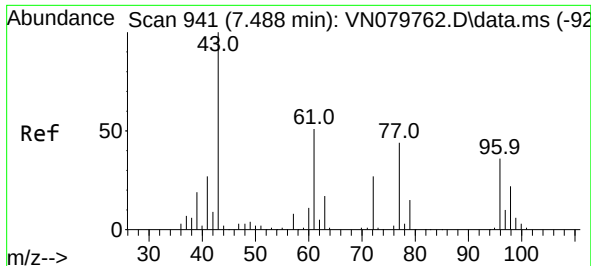
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#26
2,2-Dichloropropane
Concen: 46.394 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion: 77 Resp: 259176
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.6





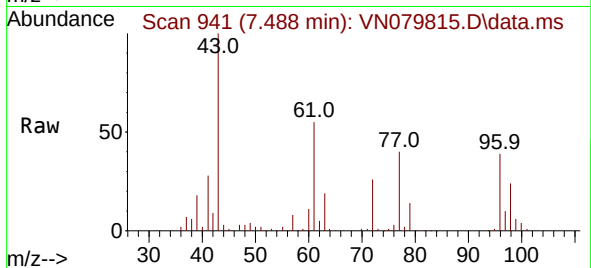
#27
 cis-1,2-Dichloroethene
 Concen: 52.246 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079815.D
 Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



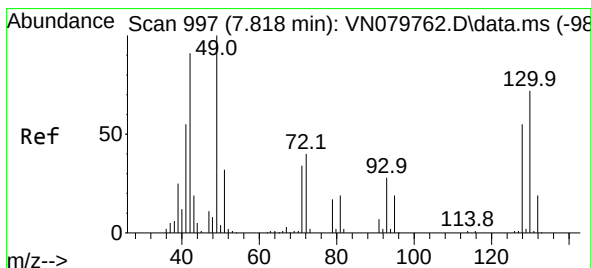
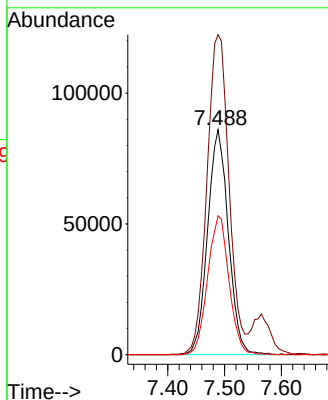
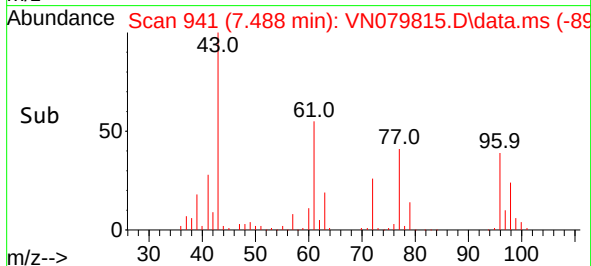
Tgt Ion: 96 Resp: 218230
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.2
 98 63.3 0.0 128.8

Manual Integrations

APPROVED

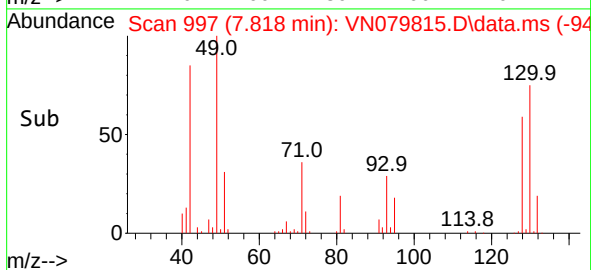
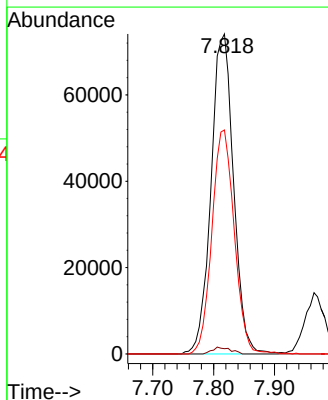
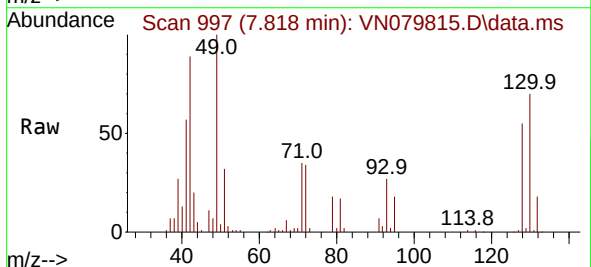
Reviewed By :John Carlone 11/03/2023

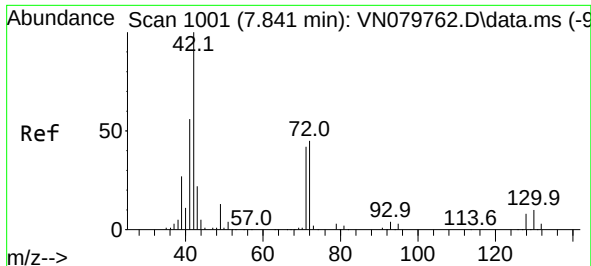
Supervised By :Mahesh Dadoda 11/03/2023



#28
 Bromochloromethane
 Concen: 57.776 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079815.D
 Acq: 03 Nov 2023 00:10

Tgt Ion: 49 Resp: 190190
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 69.7 75.3 112.9#





#29

Tetrahydrofuran

Concen: 274.348 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 40688

Ion Ratio Lower Upper

42 100

72 42.1 49.8 74.6

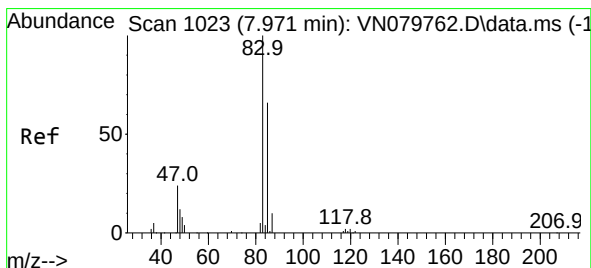
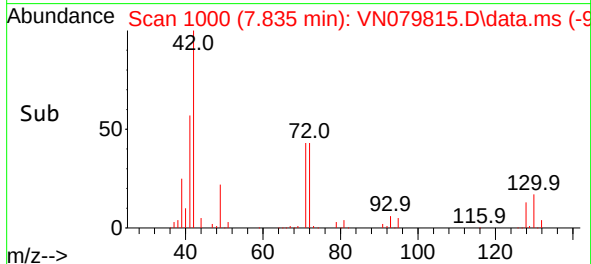
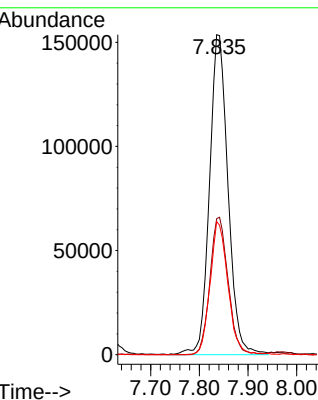
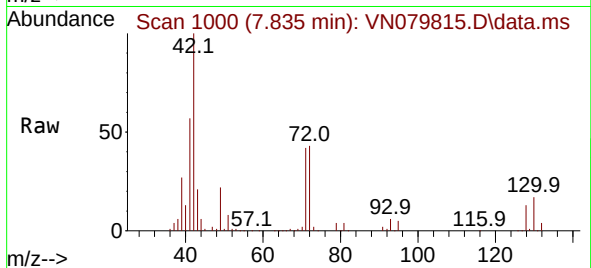
71 40.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#30

Chloroform

Concen: 51.801 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079815.D

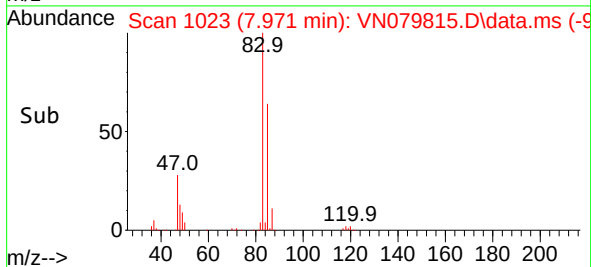
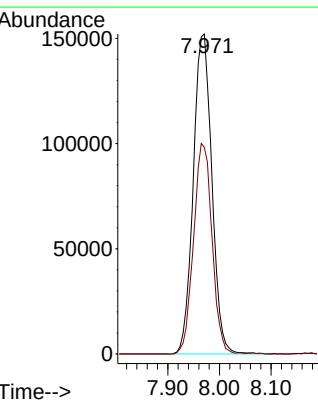
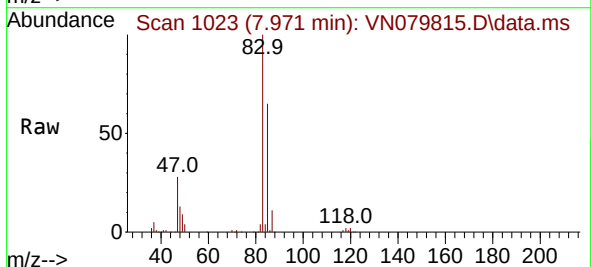
Acq: 03 Nov 2023 00:10

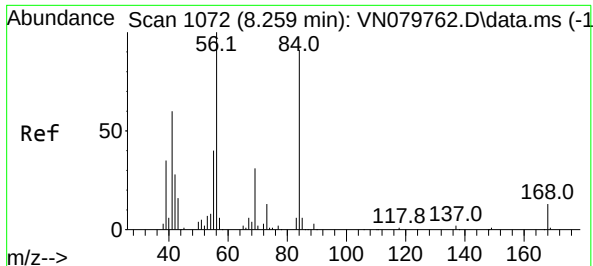
Tgt Ion: 83 Resp: 380077

Ion Ratio Lower Upper

83 100

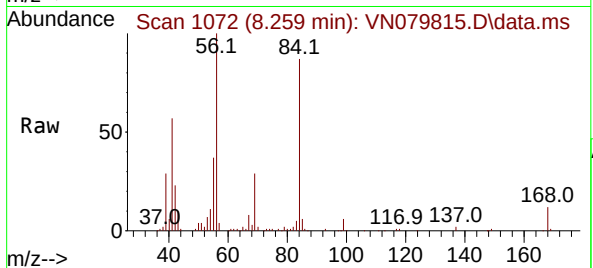
85 64.6 55.4 83.0





#31
Cyclohexane
Concen: 51.802 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

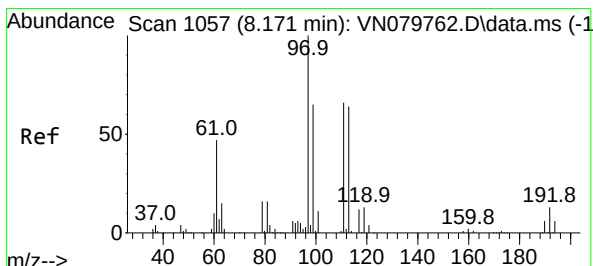
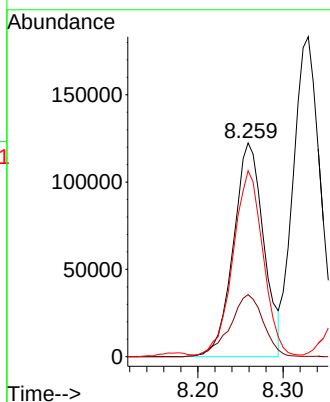
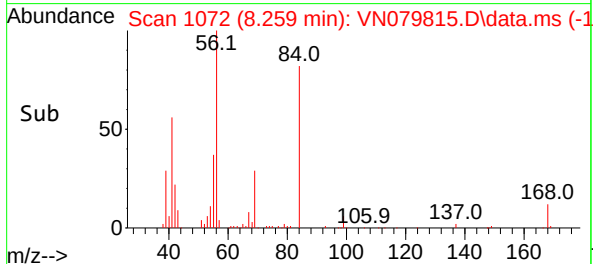
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



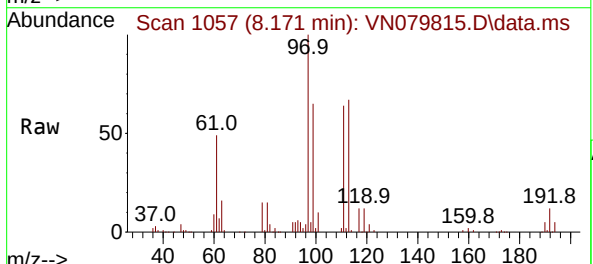
Tgt Ion: 56 Resp: 303359
Ion Ratio Lower Upper
56 100
69 29.0 26.8 40.2
84 85.1 81.8 122.6

Manual Integrations
APPROVED

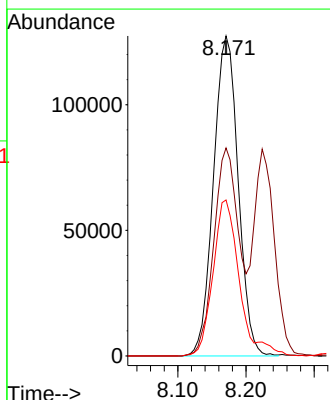
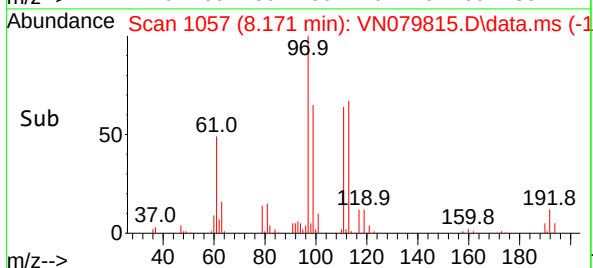
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

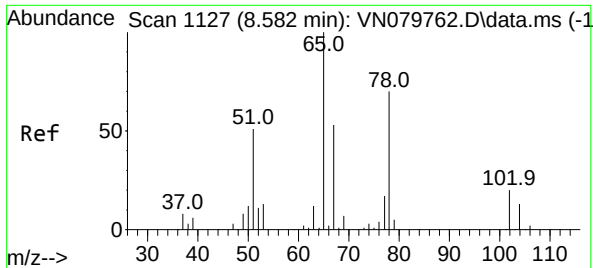


#32
1,1,1-Trichloroethane
Concen: 53.751 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



Tgt Ion: 97 Resp: 321347
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 51.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 56.796 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 251700

Ion Ratio Lower Upper

65 100

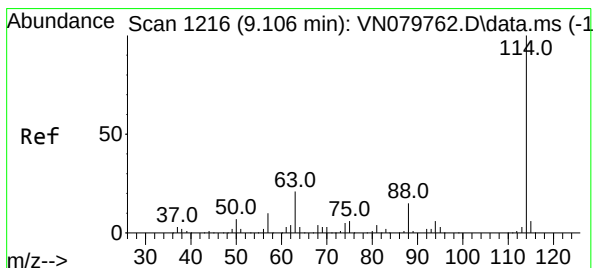
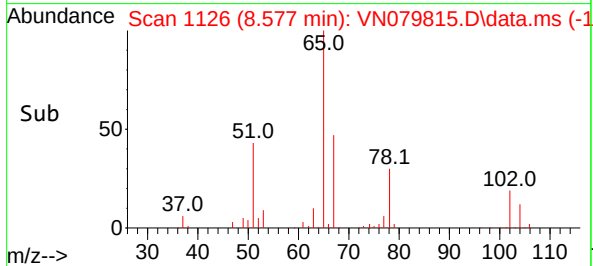
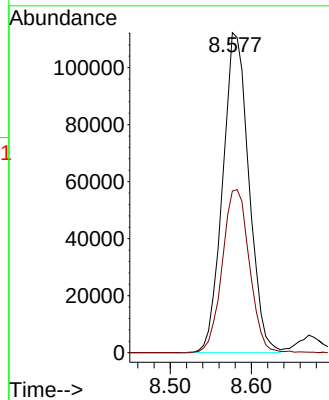
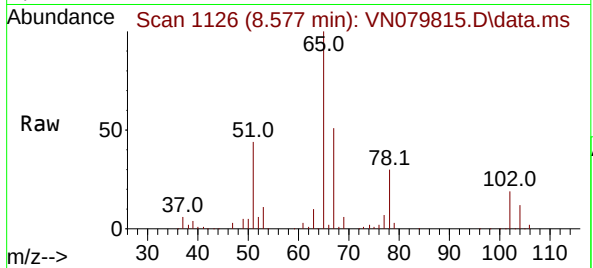
67 52.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

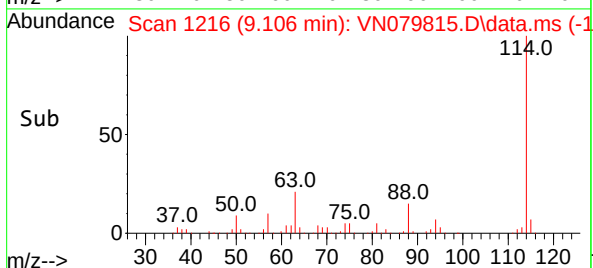
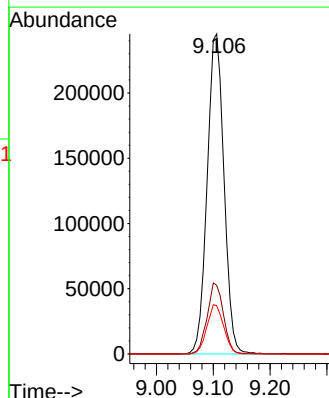
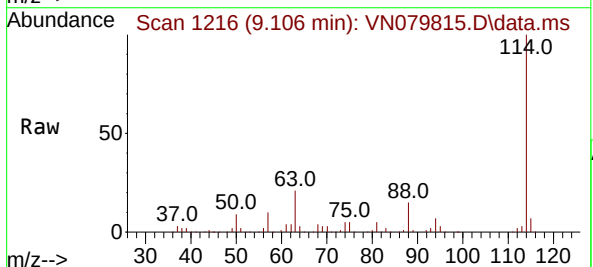
Tgt Ion:114 Resp: 502581

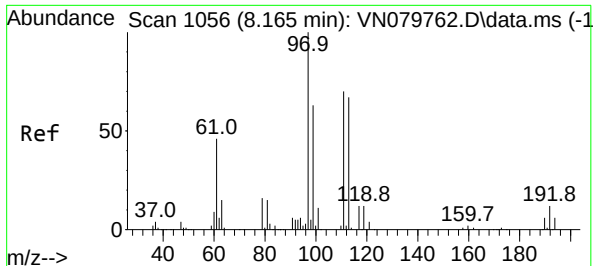
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.558 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

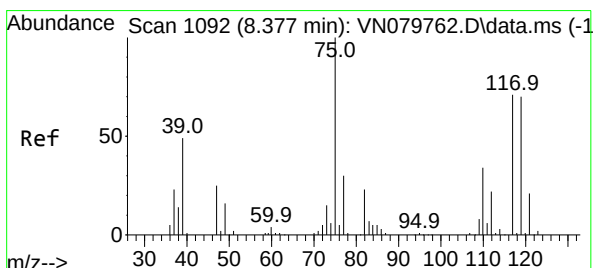
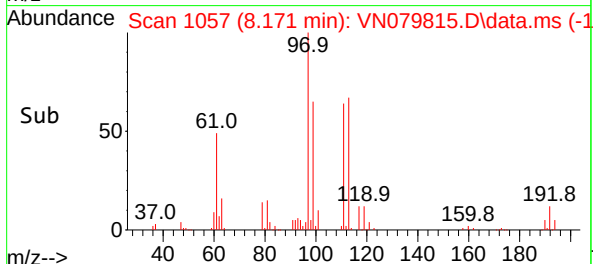
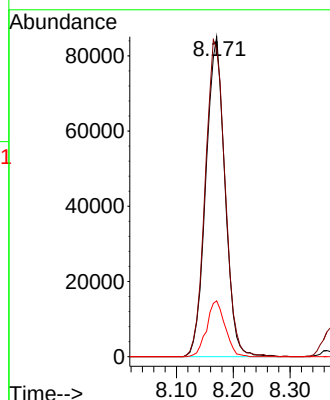
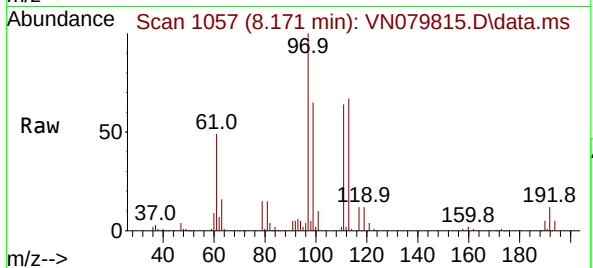
Tgt Ion: 113 Resp: 197623
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 16.9 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#36

1,1-Dichloropropene

Concen: 55.723 ug/l

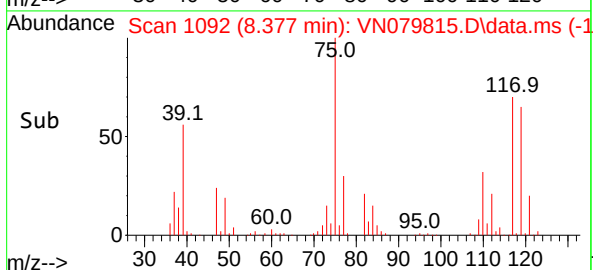
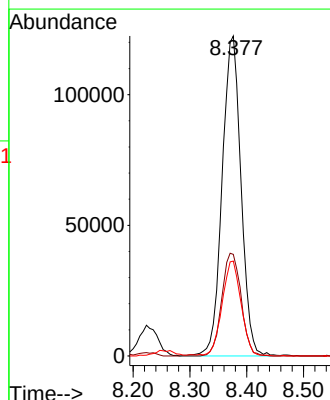
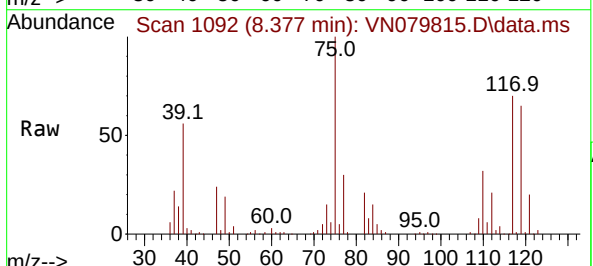
RT: 8.377 min Scan# 1092

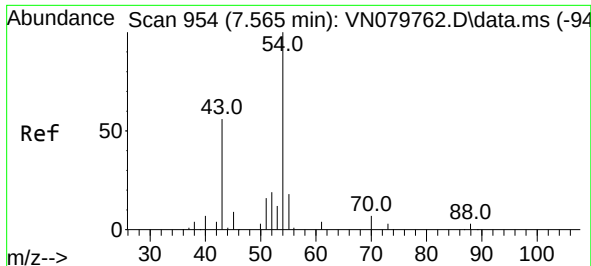
Delta R.T. 0.000 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Tgt Ion: 75 Resp: 283011
 Ion Ratio Lower Upper
 75 100
 110 32.8 19.1 57.3
 77 30.1 25.0 37.4





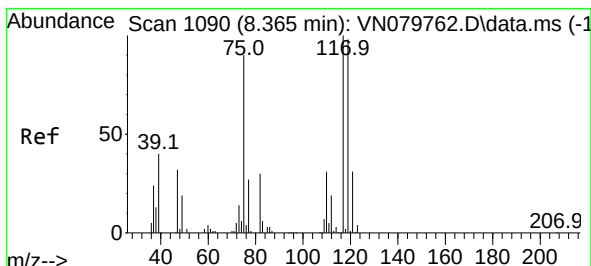
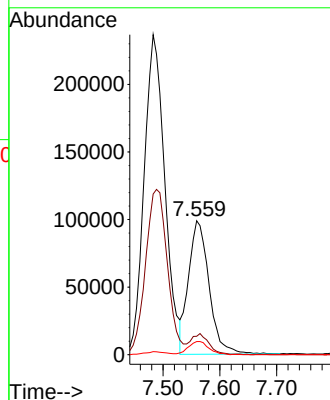
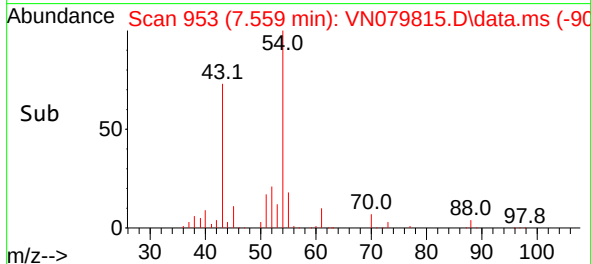
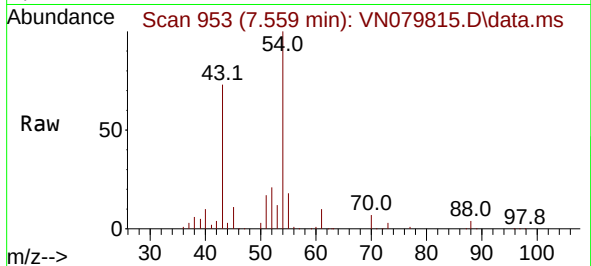
#37
Ethyl Acetate
Concen: 53.400 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 248730
Ion Ratio Lower Upper
43 100
61 12.9 13.2 19.8
70 9.8 11.3 16.9

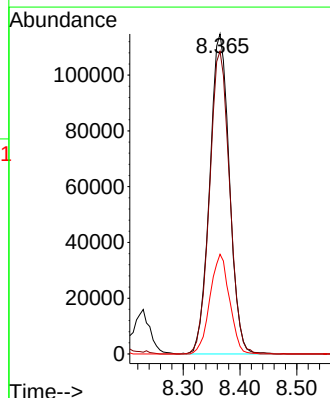
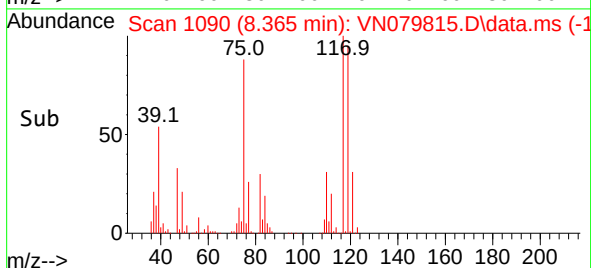
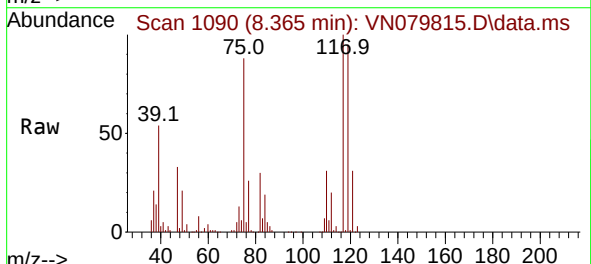
Manual Integrations
APPROVED

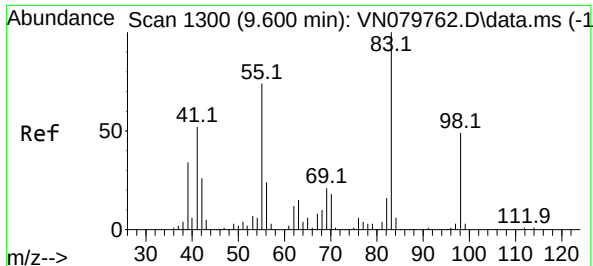
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#38
Carbon Tetrachloride
Concen: 54.022 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion:117 Resp: 276516
Ion Ratio Lower Upper
117 100
119 94.6 77.3 115.9
121 31.2 23.3 34.9





#39

Methylcyclohexane

Concen: 54.324 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 259654

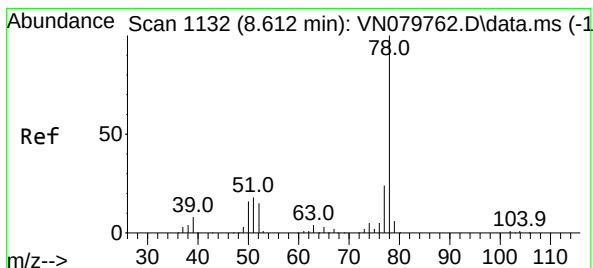
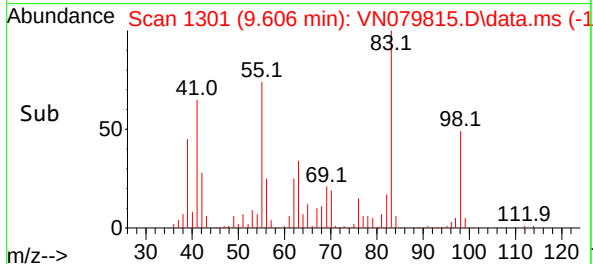
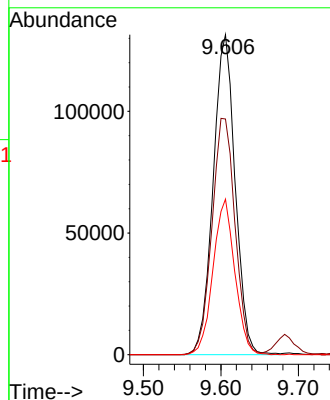
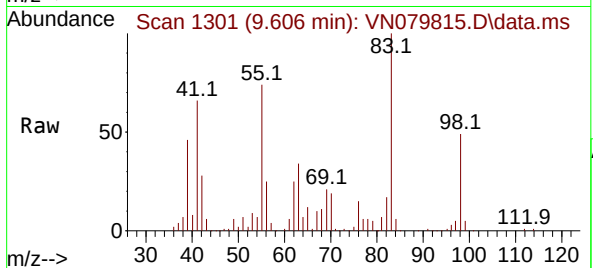
Ion	Ratio	Lower	Upper
83	100		
55	73.7	49.1	73.7
98	48.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#40

Benzene

Concen: 54.867 ug/l

RT: 8.606 min Scan# 1131

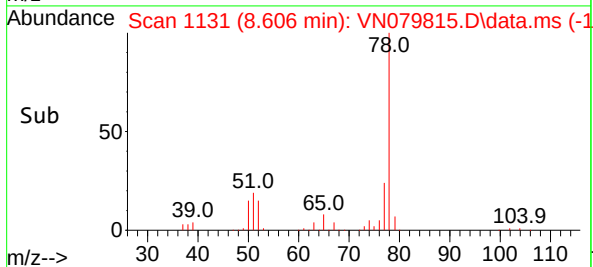
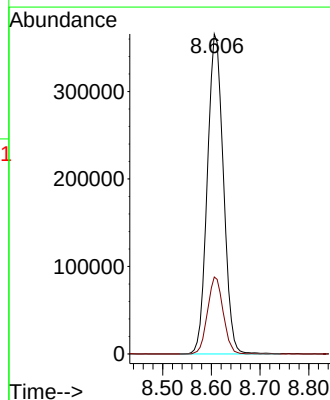
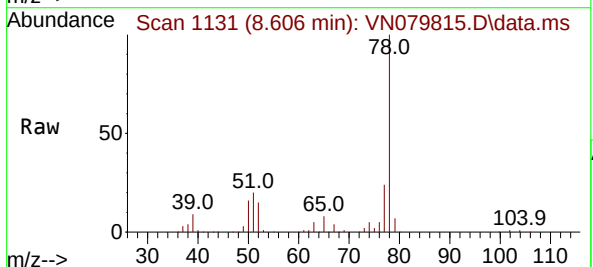
Delta R.T. -0.006 min

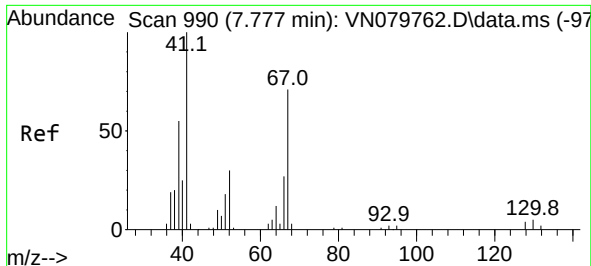
Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Tgt Ion: 78 Resp: 834645

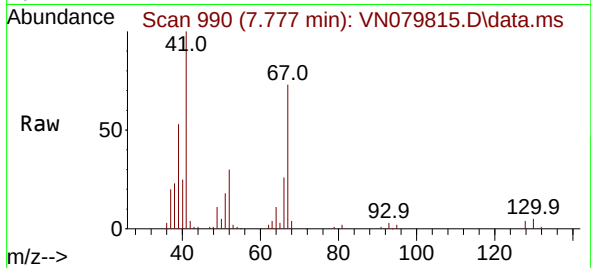
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





#41
Methacrylonitrile
Concen: 55.540 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

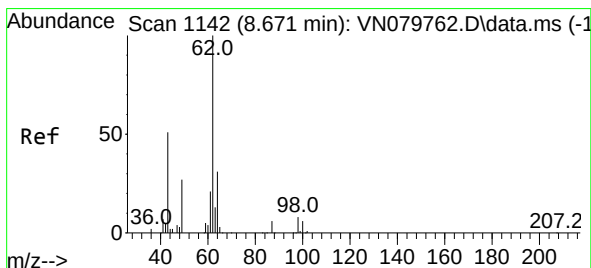
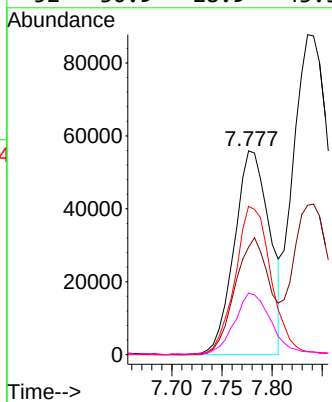
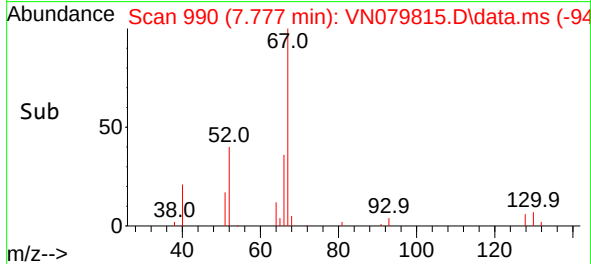
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



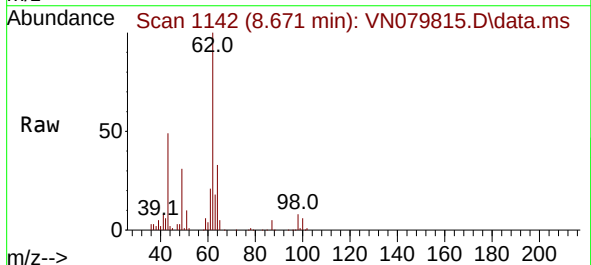
Tgt Ion: 41 Resp: 137372
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 74.0 77.5 116.3
52 30.9 28.9 43.3

Manual Integrations
APPROVED

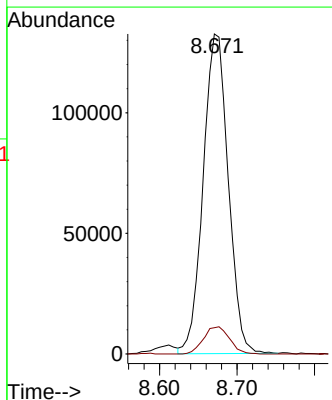
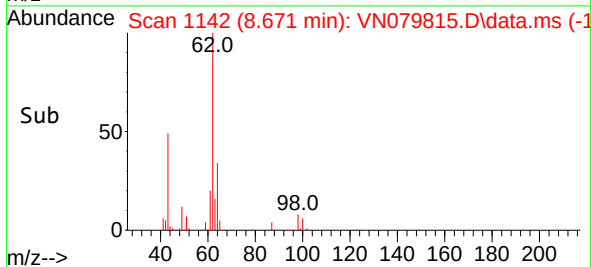
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

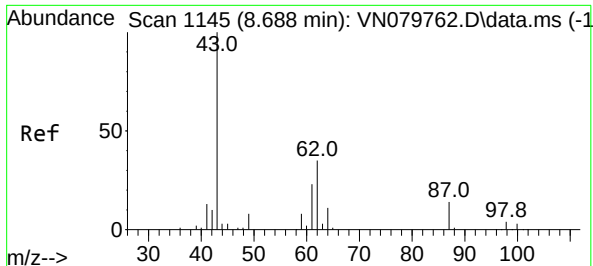


#42
1,2-Dichloroethane
Concen: 56.080 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



Tgt Ion: 62 Resp: 297987
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 50.518 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 412664

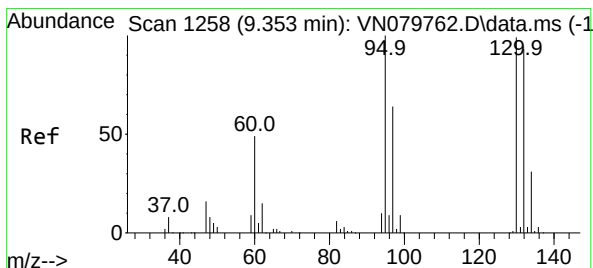
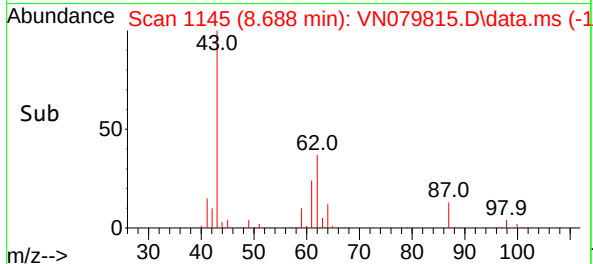
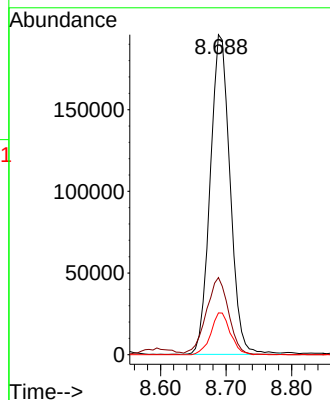
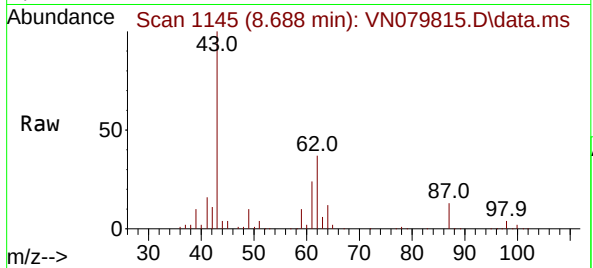
Ion	Ratio	Lower	Upper
43	100		
61	27.3	24.7	37.1
87	12.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#44

Trichloroethene

Concen: 51.585 ug/l

RT: 9.353 min Scan# 1258

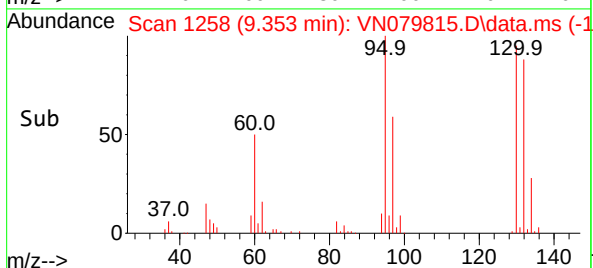
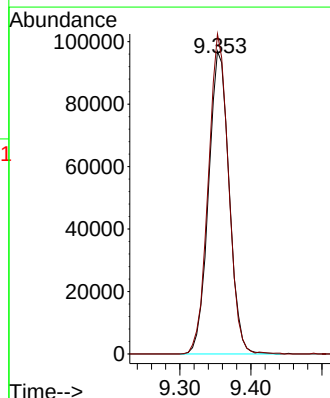
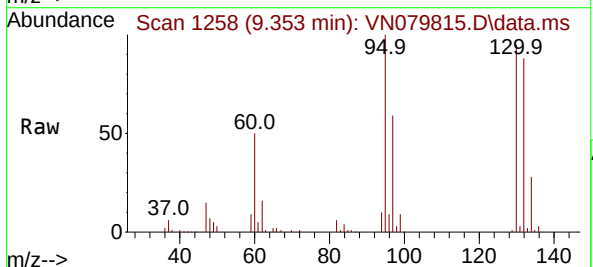
Delta R.T. 0.000 min

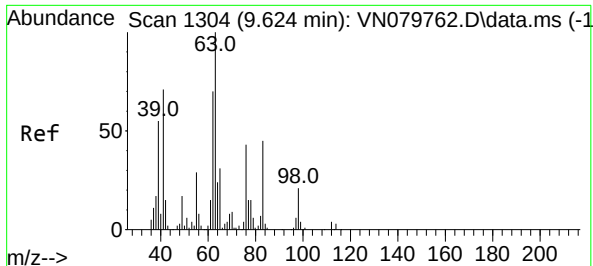
Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Tgt Ion:130 Resp: 194721

Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	204.6





#45

1,2-Dichloropropane

Concen: 57.277 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 22266

Ion Ratio Lower Upper

63 100

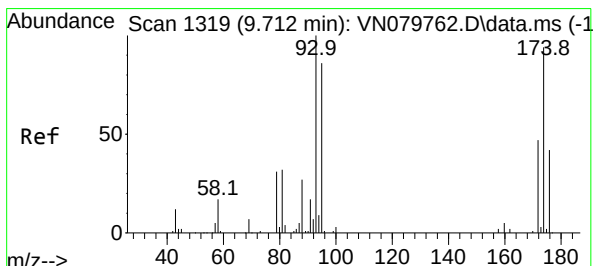
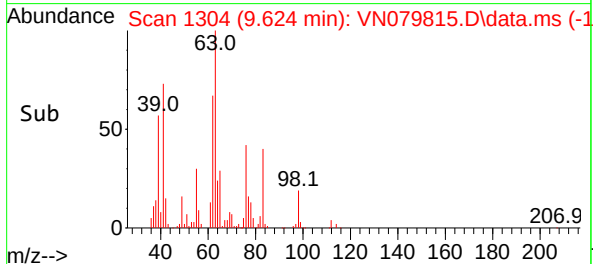
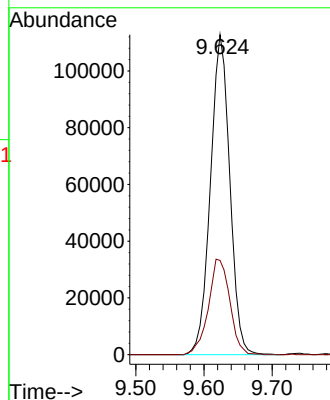
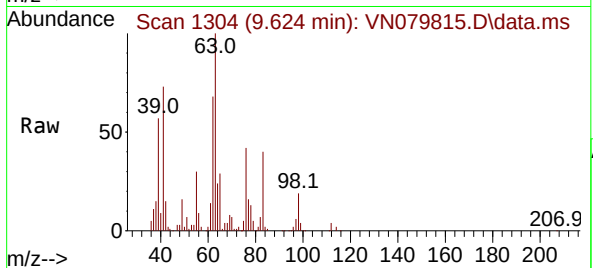
65 29.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#46

Dibromomethane

Concen: 54.104 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

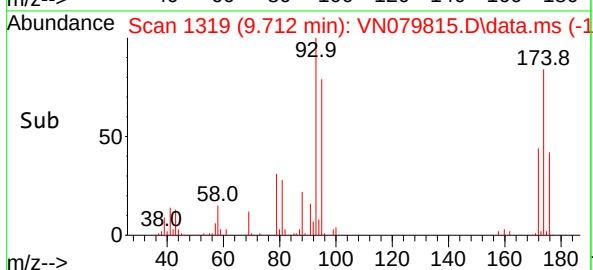
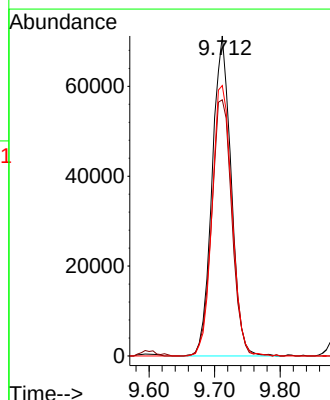
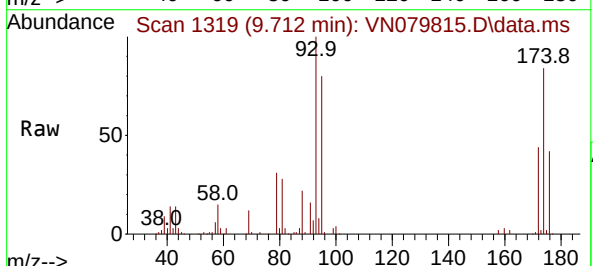
Tgt Ion: 93 Resp: 143617

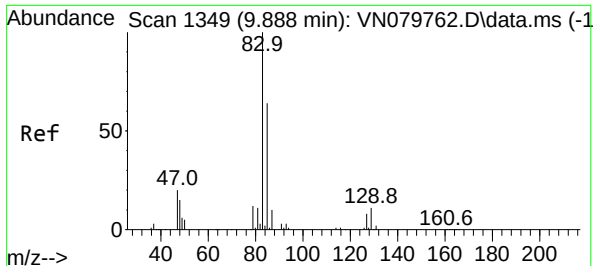
Ion Ratio Lower Upper

93 100

95 85.0 63.8 95.8

174 88.0 65.6 98.4





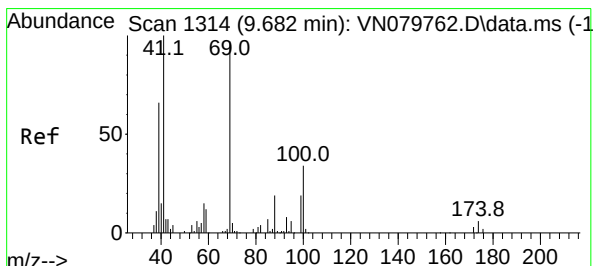
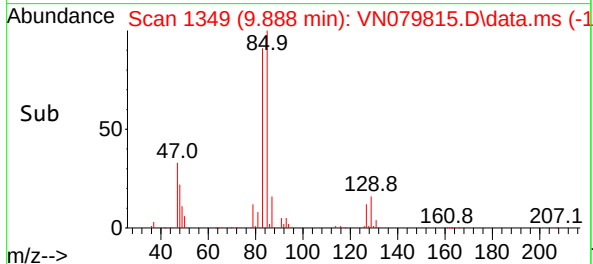
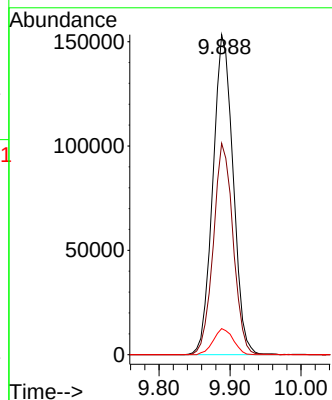
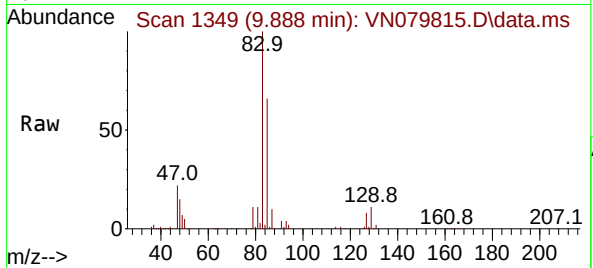
#47
Bromodichloromethane
Concen: 53.578 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 303310
Ion Ratio Lower Upper
83 100
85 66.0 49.6 74.4
127 8.2 7.0 10.6

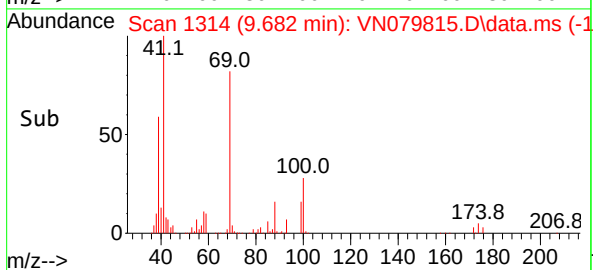
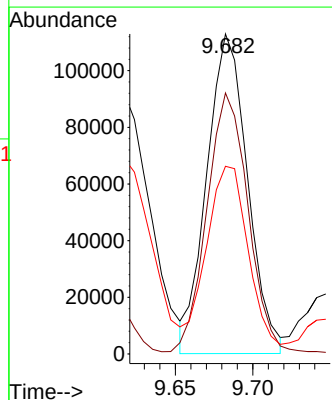
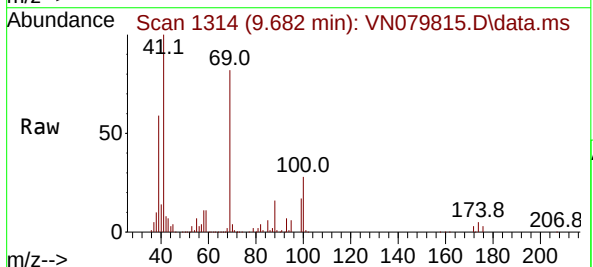
Manual Integrations
APPROVED

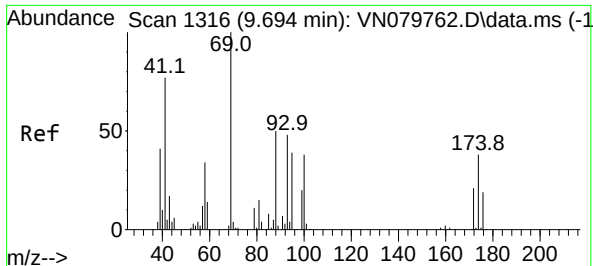
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#48
Methyl methacrylate
Concen: 57.642 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion: 41 Resp: 206241
Ion Ratio Lower Upper
41 100
69 83.7 90.4 135.6#
39 61.1 54.6 81.8





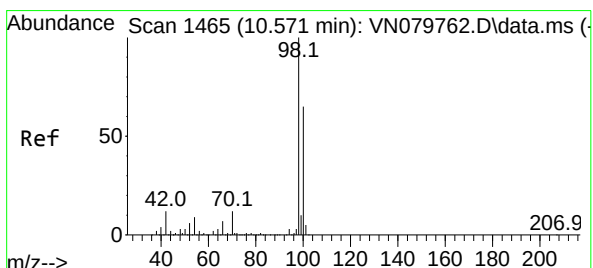
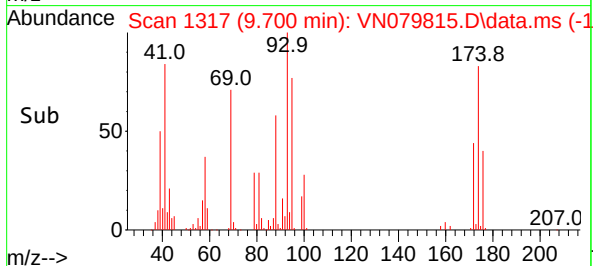
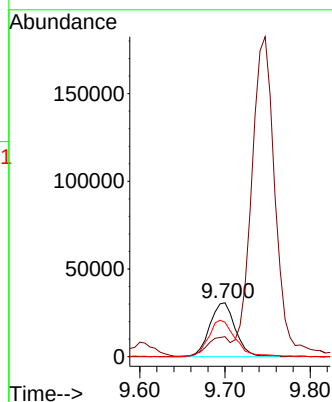
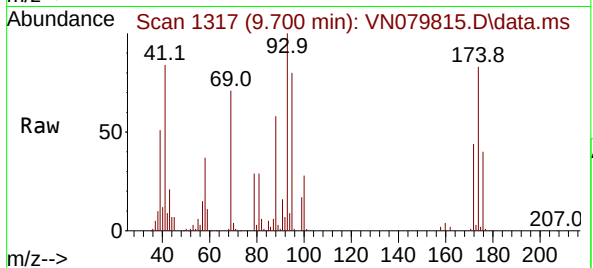
#49
1,4-Dioxane
Concen: 1008.900 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 63785
Ion Ratio Lower Upper
88 100
43 31.5 17.0 25.6
58 71.4 47.0 70.4

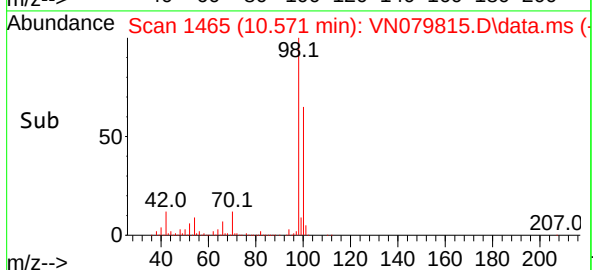
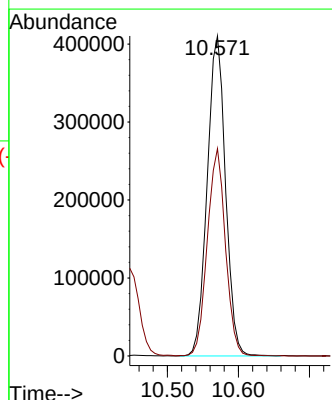
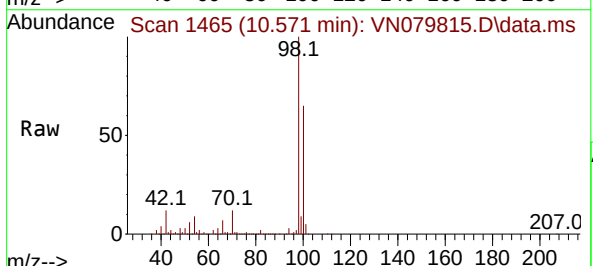
Manual Integrations
APPROVED

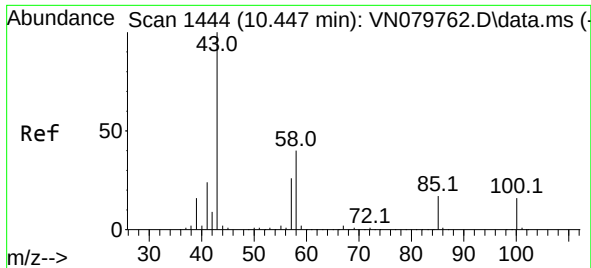
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#50
Toluene-d8
Concen: 56.147 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion: 98 Resp: 735237
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





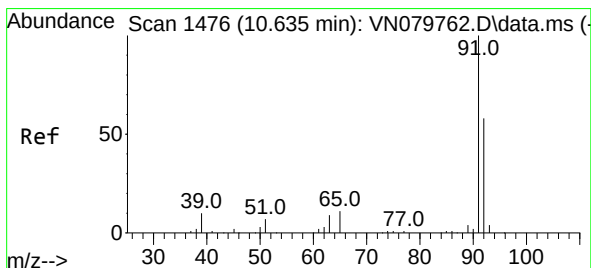
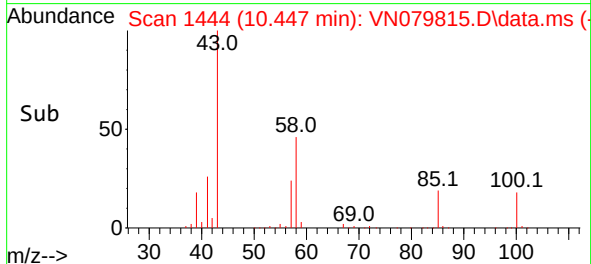
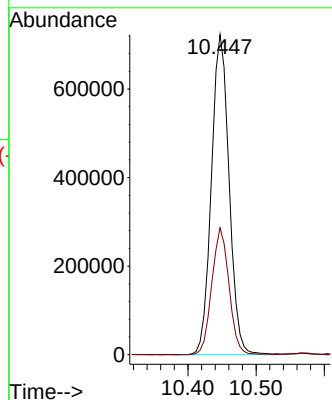
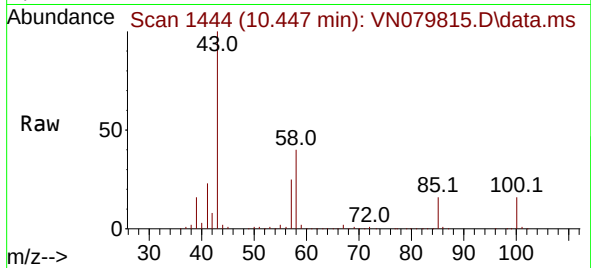
#51
4-Methyl-2-Pentanone
Concen: 284.446 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1308130
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8

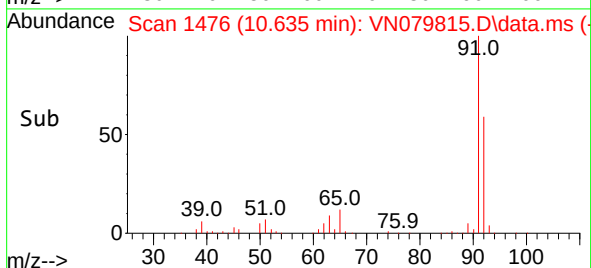
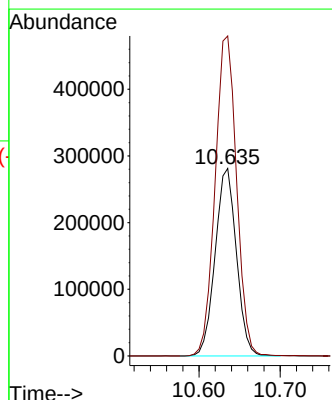
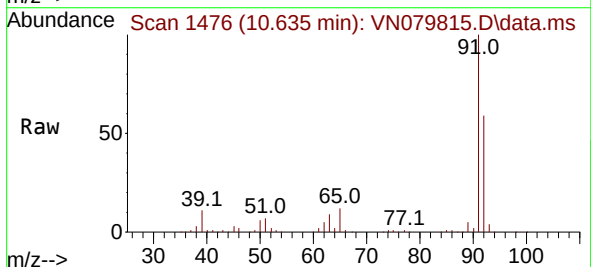
Manual Integrations
APPROVED

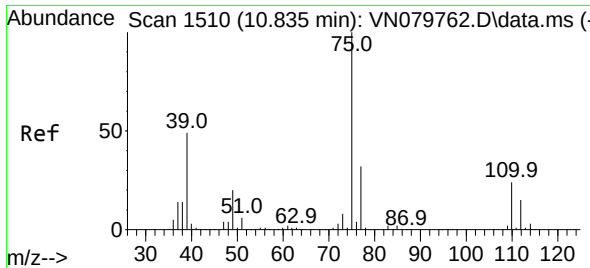
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#52
Toluene
Concen: 56.716 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

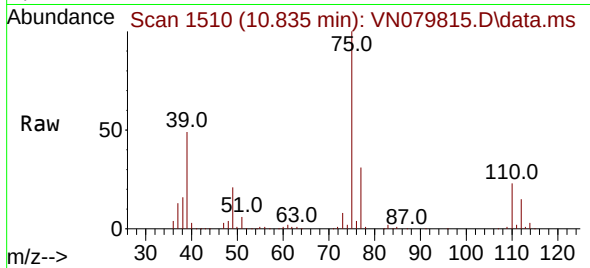
Tgt Ion: 92 Resp: 511481
Ion Ratio Lower Upper
92 100
91 172.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.412 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

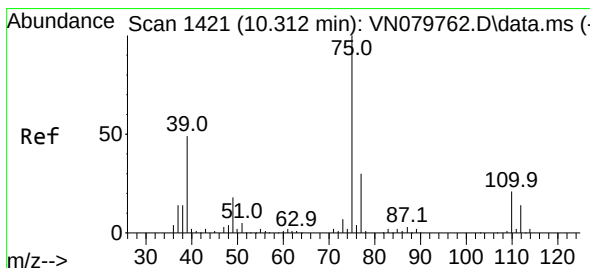
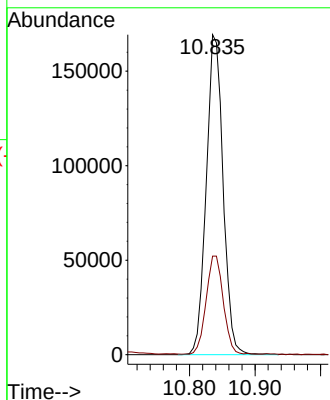
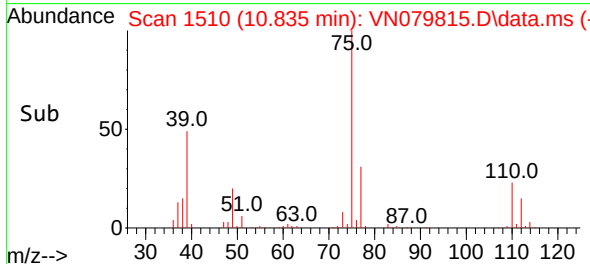
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



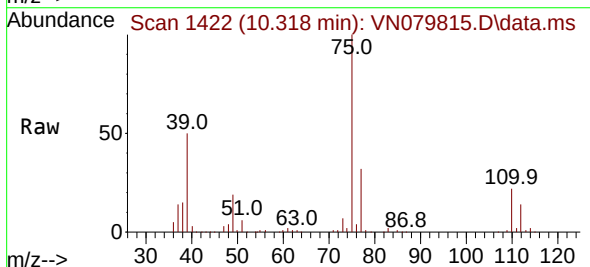
Tgt Ion: 75 Resp: 301969
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

Manual Integrations
APPROVED

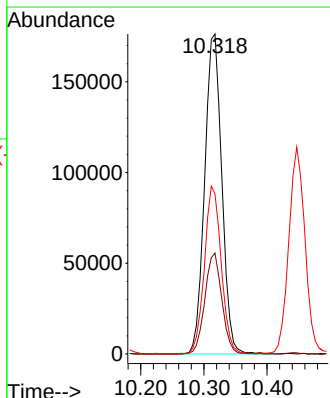
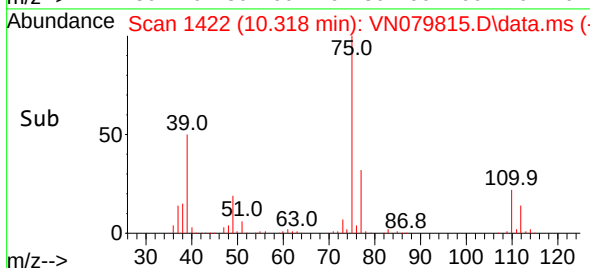
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

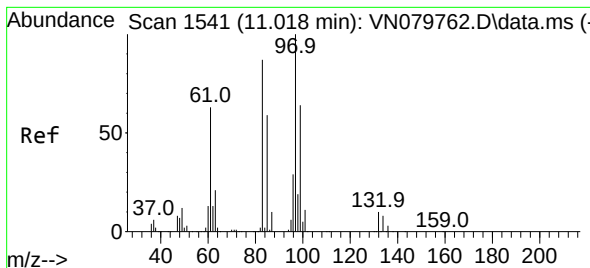


#54
cis-1,3-Dichloropropene
Concen: 55.020 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



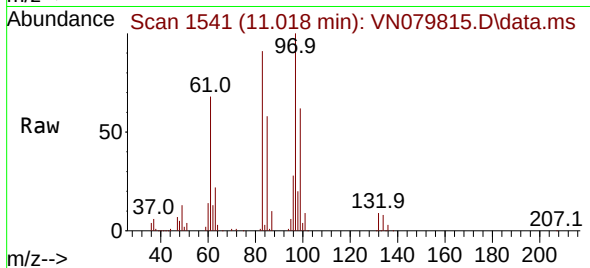
Tgt Ion: 75 Resp: 332820
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 49.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 55.580 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

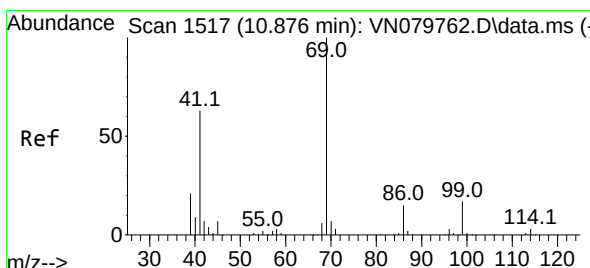
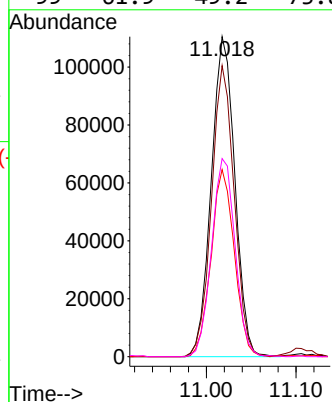
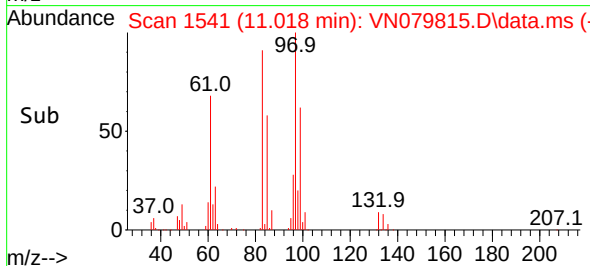
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



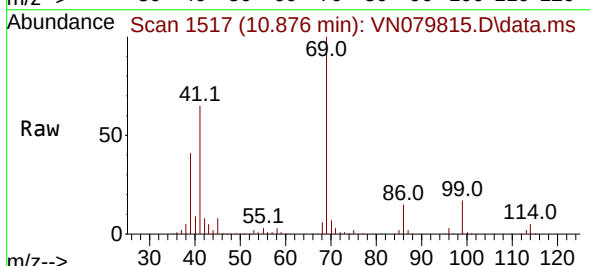
Tgt Ion: 97 Resp: 201608
Ion Ratio Lower Upper
97 100
83 91.0 65.1 97.7
85 58.5 43.4 65.2
99 61.9 49.2 73.8

Manual Integrations
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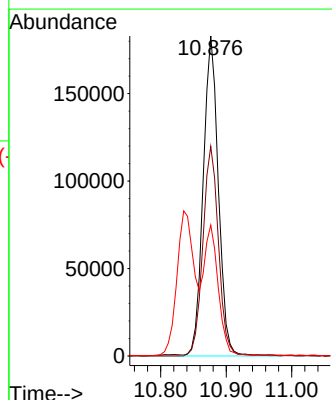
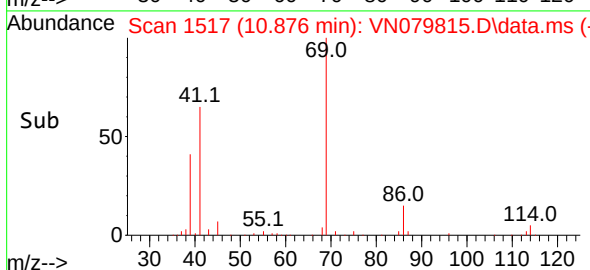
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

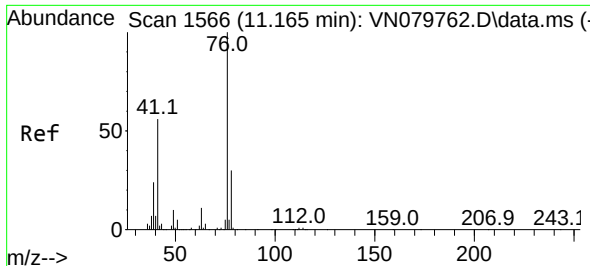


#56
Ethyl methacrylate
Concen: 57.011 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



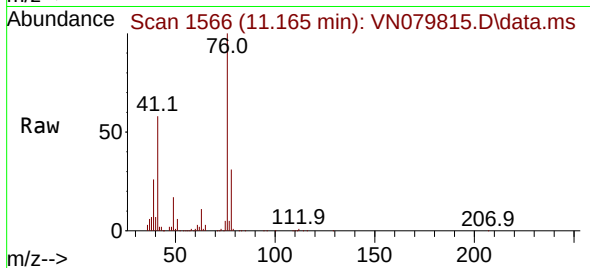
Tgt Ion: 69 Resp: 294975
Ion Ratio Lower Upper
69 100
41 66.4 39.6 59.4#
39 38.2 28.6 43.0





#57
1,3-Dichloropropane
Concen: 55.904 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

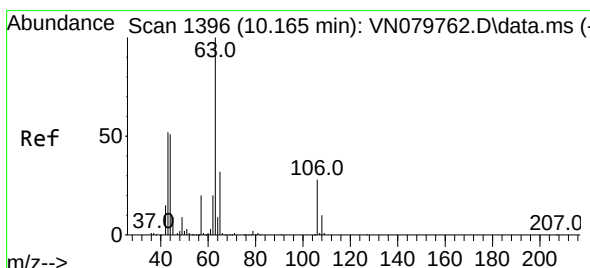
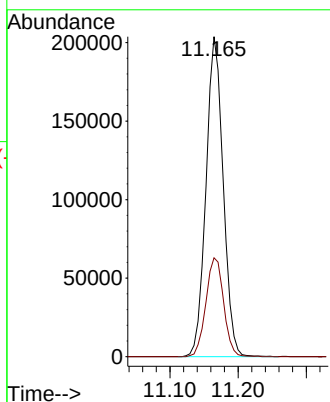
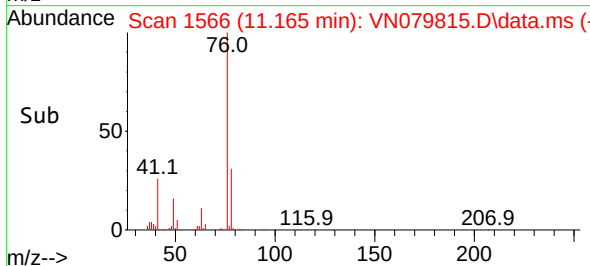
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



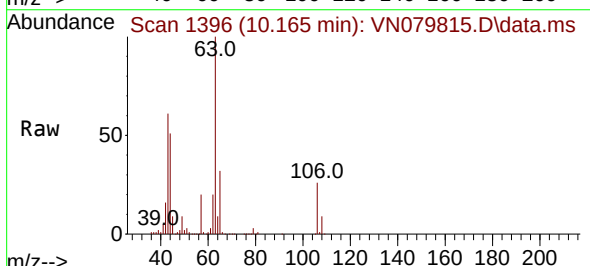
Tgt Ion: 76 Resp: 357435
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

Manual Integrations
APPROVED

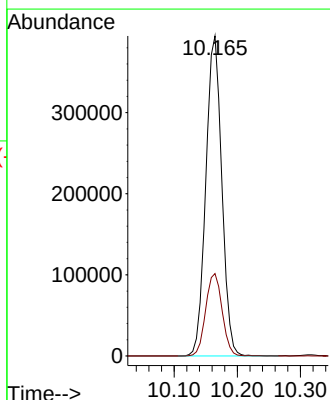
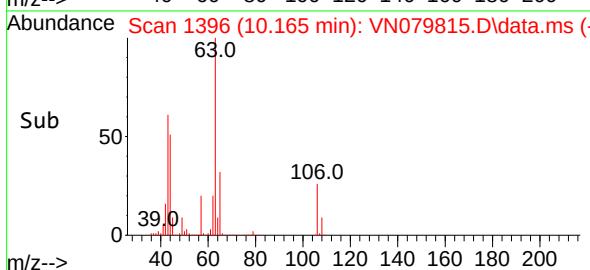
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

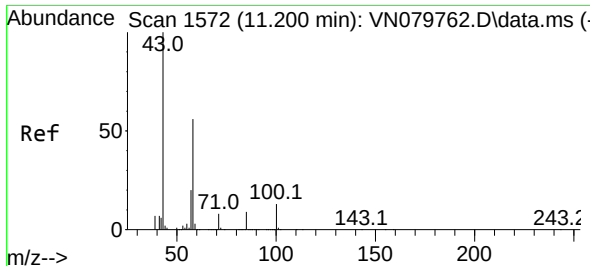


#58
2-Chloroethyl Vinyl ether
Concen: 263.915 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



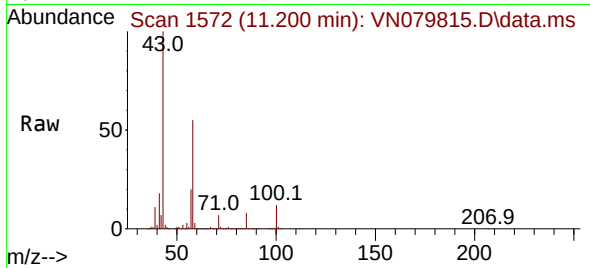
Tgt Ion: 63 Resp: 692085
Ion Ratio Lower Upper
63 100
106 26.6 26.2 39.4





#59
2-Hexanone
Concen: 264.600 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

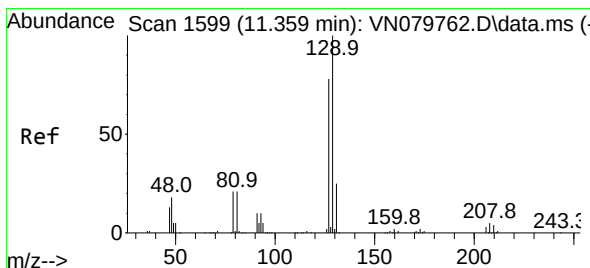
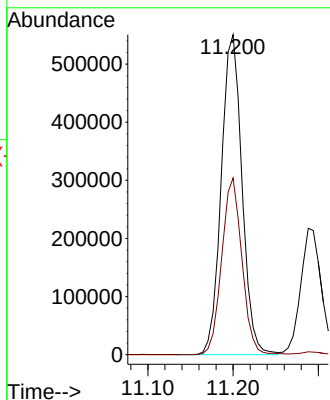
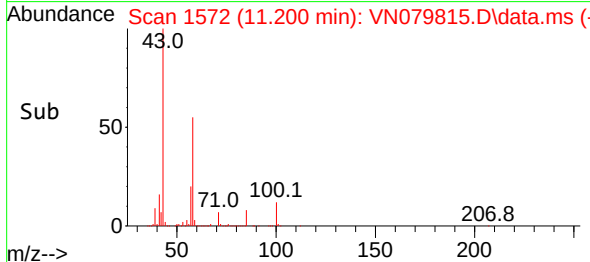
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



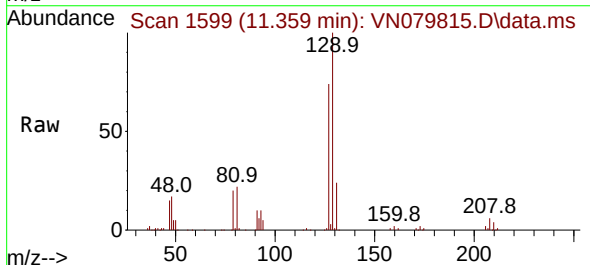
Tgt Ion: 43 Resp: 93089
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1

Manual Integrations
APPROVED

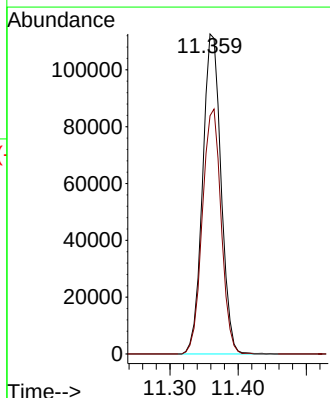
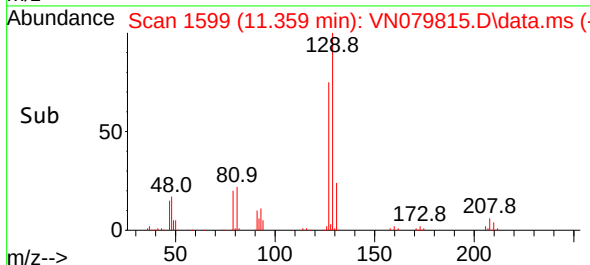
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

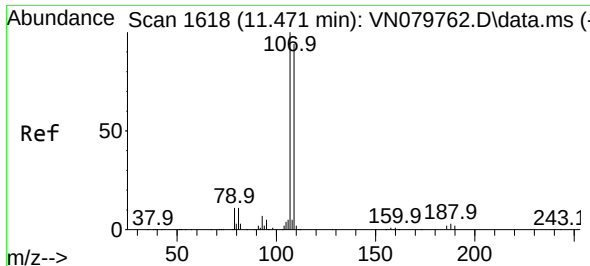


#60
Dibromochloromethane
Concen: 54.447 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



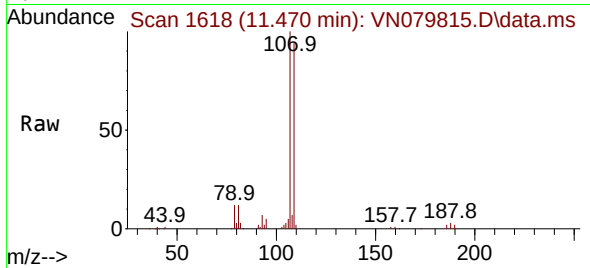
Tgt Ion:129 Resp: 211401
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.848 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

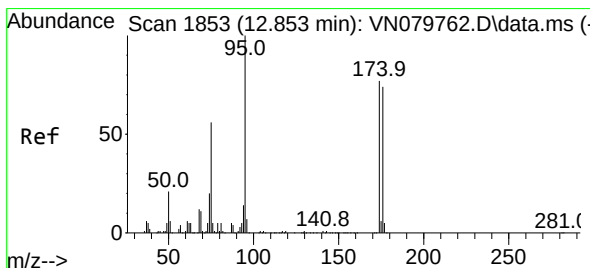
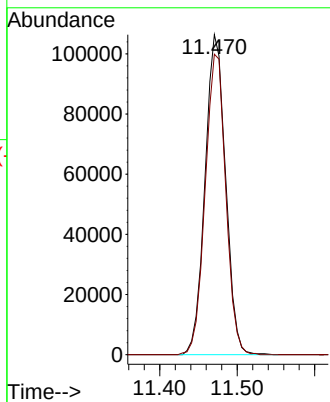
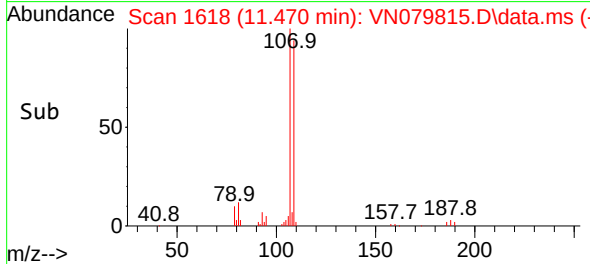
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 107 Resp: 19604
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8

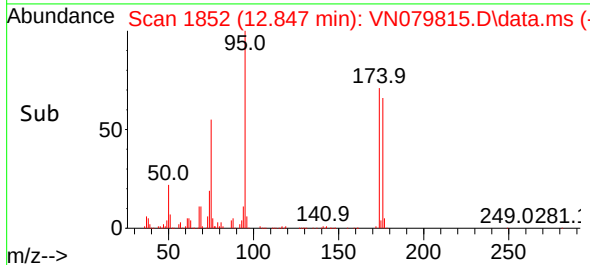
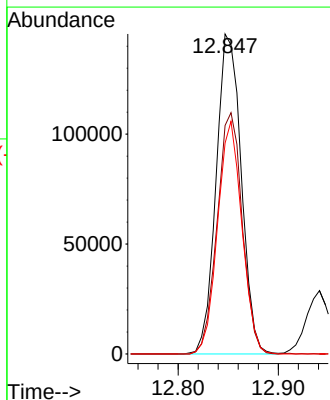
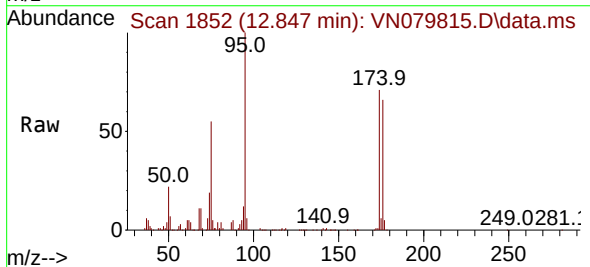
Manual Integrations
APPROVED

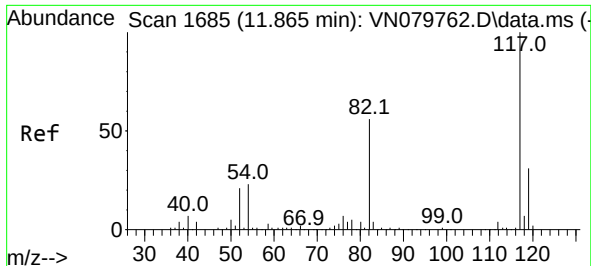
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#62
4-Bromofluorobenzene
Concen: 58.179 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

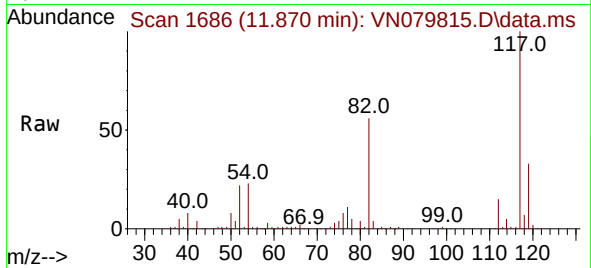
Tgt Ion: 95 Resp: 252664
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 70.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

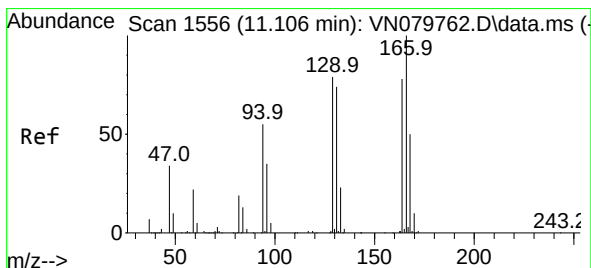
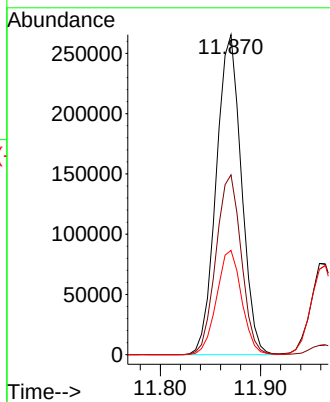
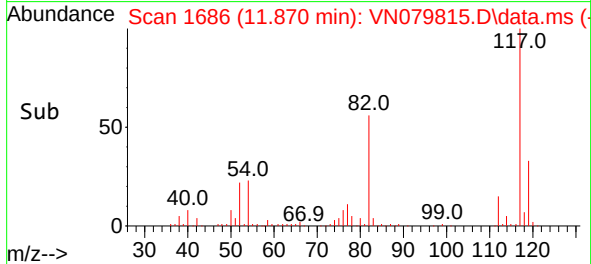
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 463234
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 32.6 25.6 38.4

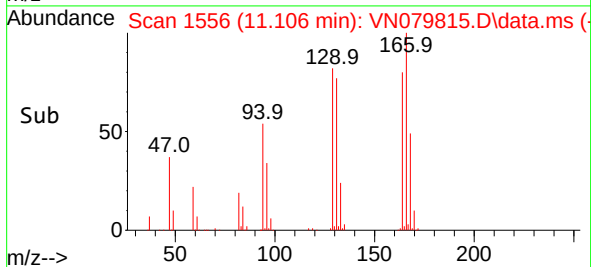
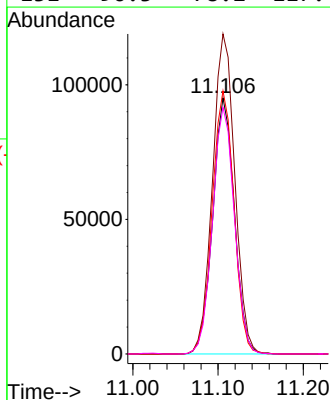
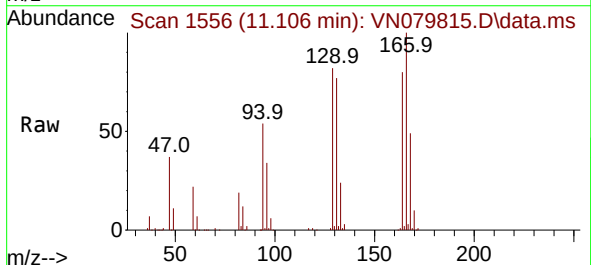
Manual Integrations
APPROVED

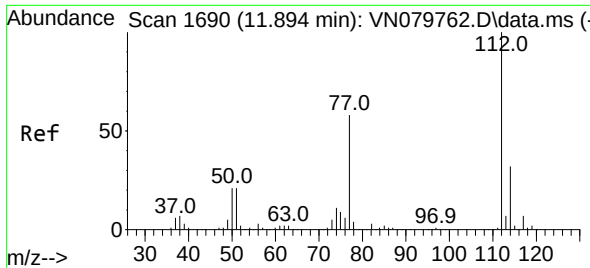
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#64
Tetrachloroethene
Concen: 55.974 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

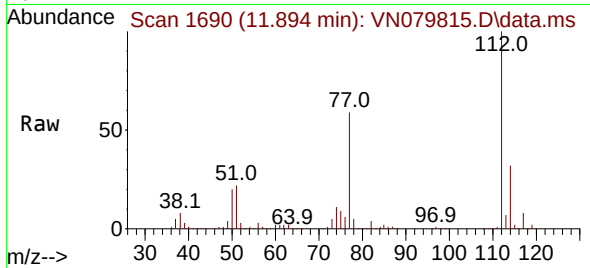
Tgt Ion:164 Resp: 167930
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.0
129 102.7 82.4 123.6
131 96.3 78.2 117.4





#65
Chlorobenzene
Concen: 53.291 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

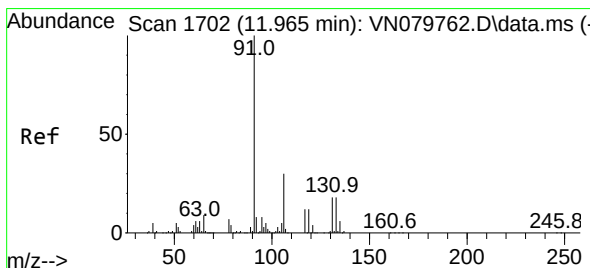
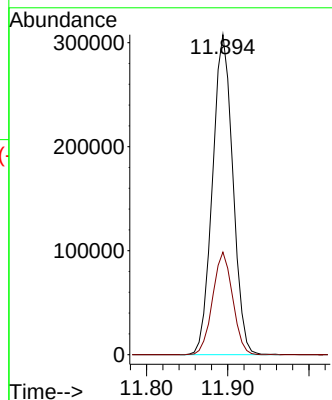
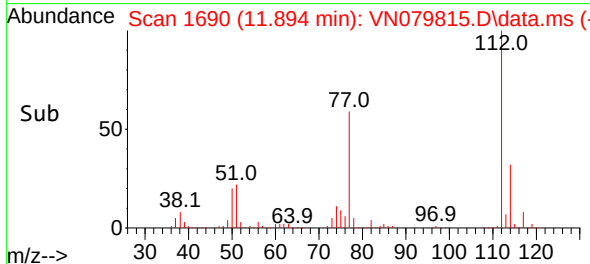
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



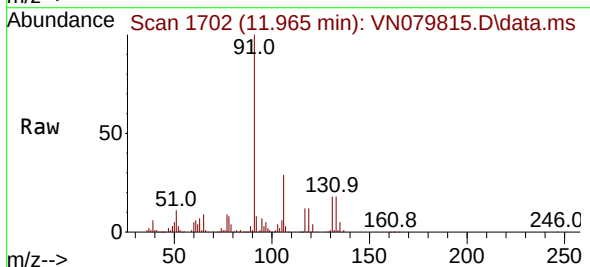
Tgt Ion:112 Resp: 535494
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

Manual Integrations
APPROVED

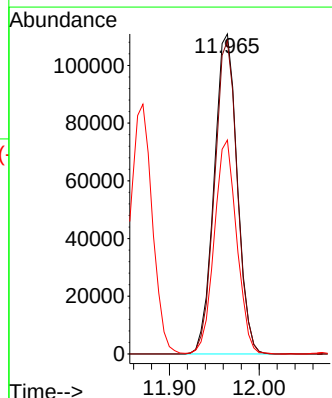
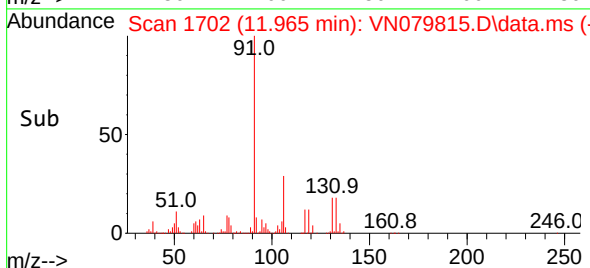
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

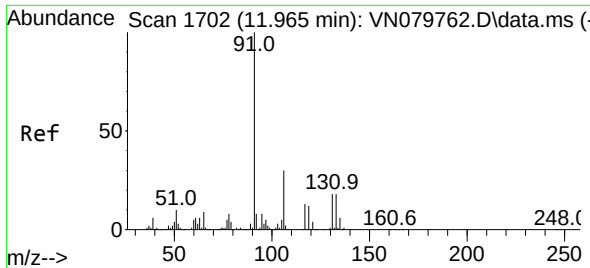


#66
1,1,1,2-Tetrachloroethane
Concen: 54.819 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



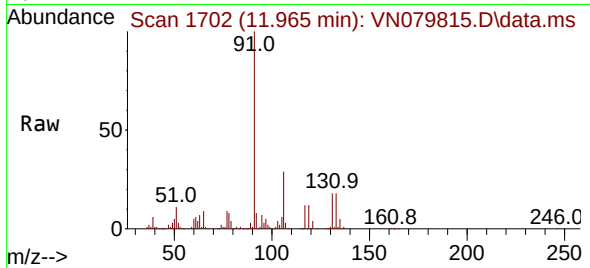
Tgt Ion:131 Resp: 198463
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 55.594 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

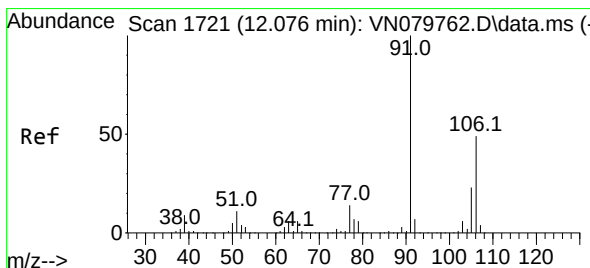
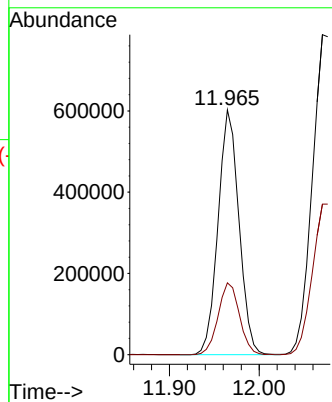
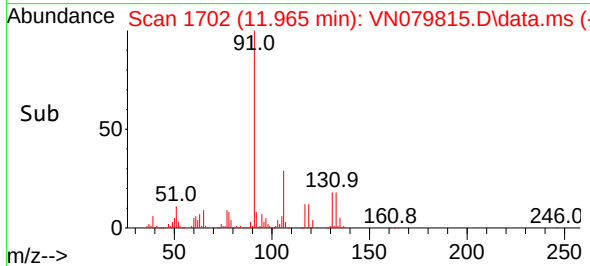
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



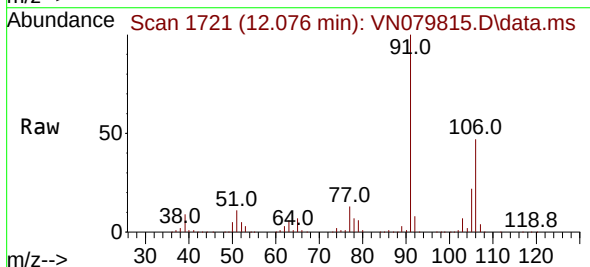
Tgt Ion: 91 Resp: 973284
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4

Manual Integrations
APPROVED

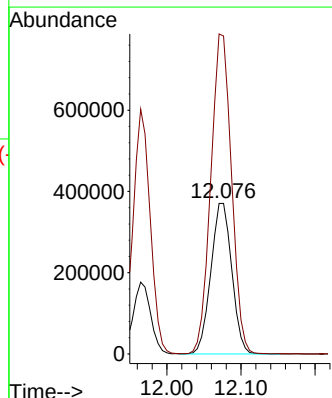
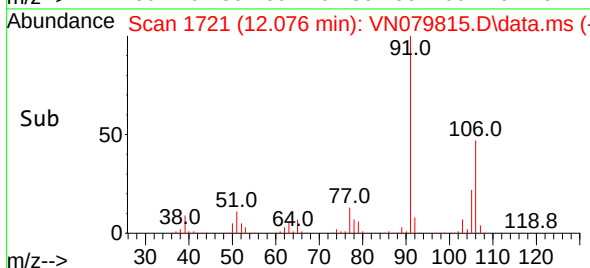
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

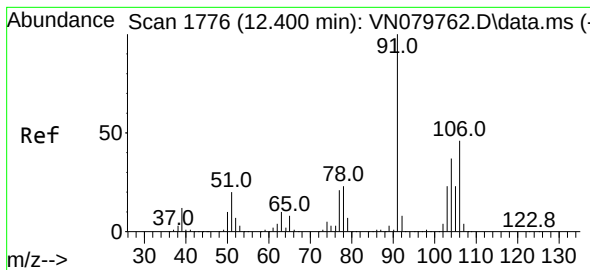


#68
m/p-Xylenes
Concen: 111.355 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



Tgt Ion:106 Resp: 726218
Ion Ratio Lower Upper
106 100
91 210.2 159.6 239.4





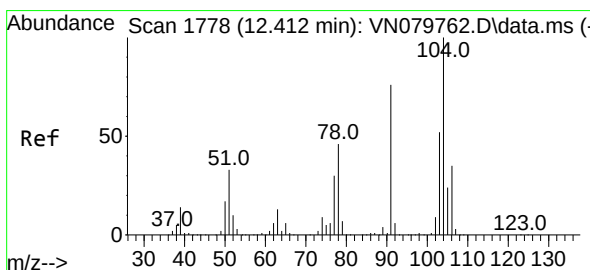
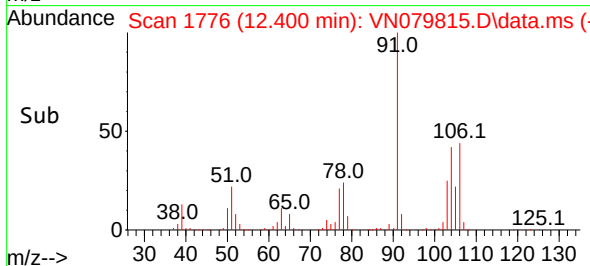
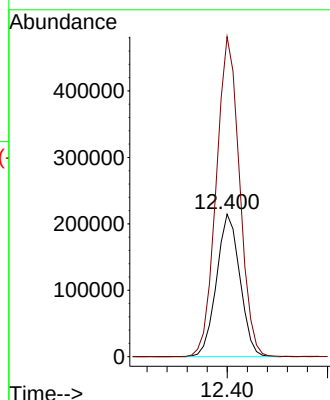
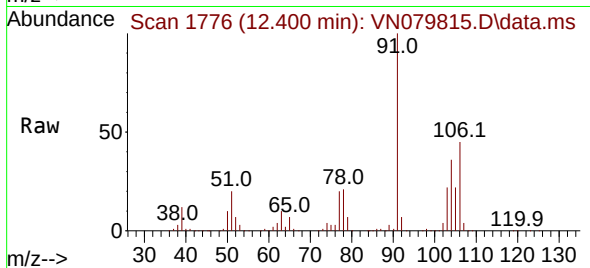
#69
o-Xylene
Concen: 55.254 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 346994
Ion Ratio Lower Upper
106 100
91 224.1 105.2 315.5

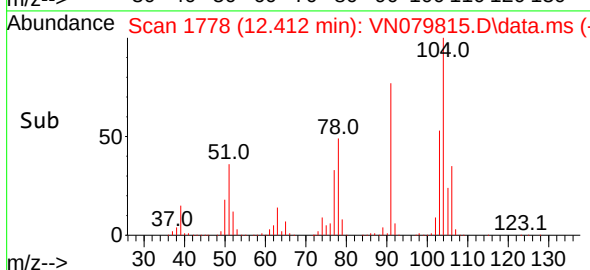
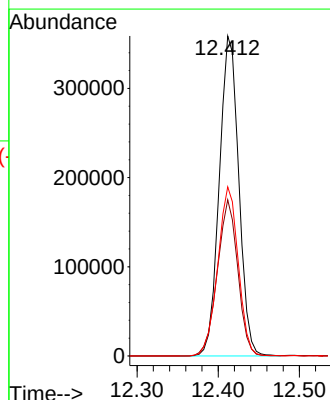
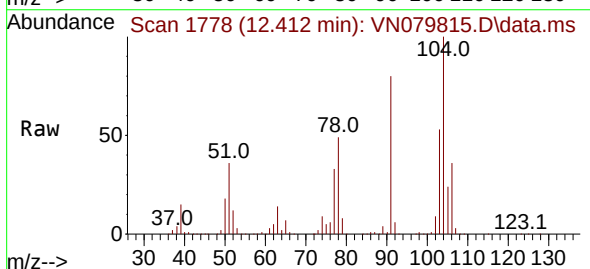
Manual Integrations
APPROVED

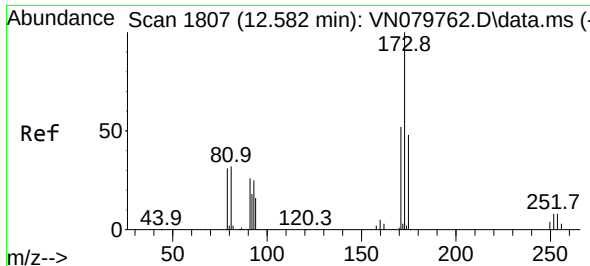
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#70
Styrene
Concen: 59.422 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

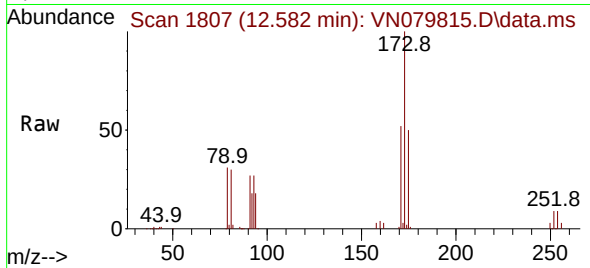
Tgt Ion:104 Resp: 599714
Ion Ratio Lower Upper
104 100
78 51.1 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 54.882 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

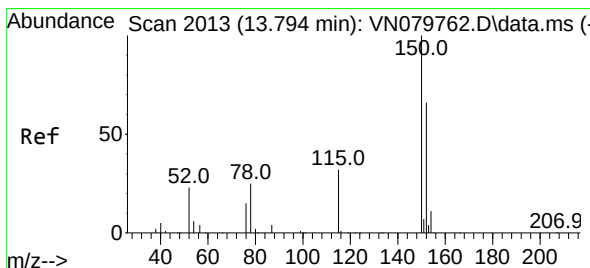
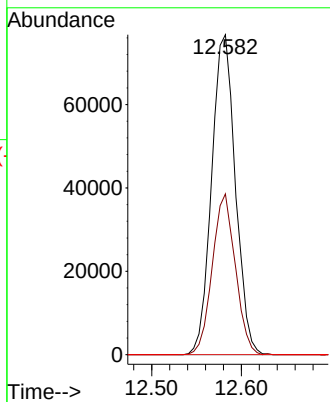
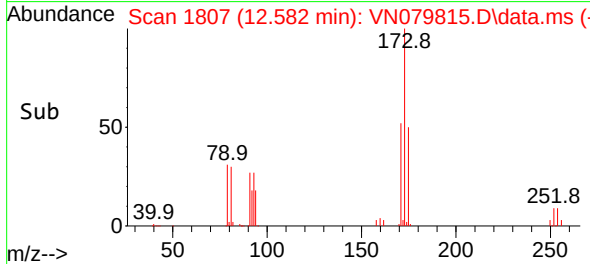
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



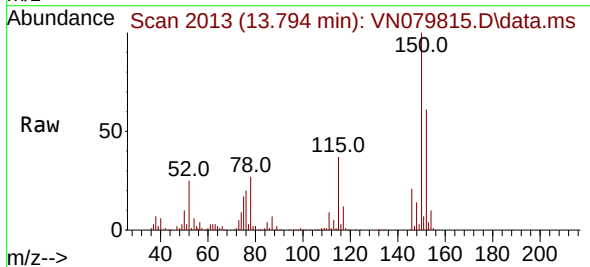
Tgt Ion:173 Resp: 141089
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

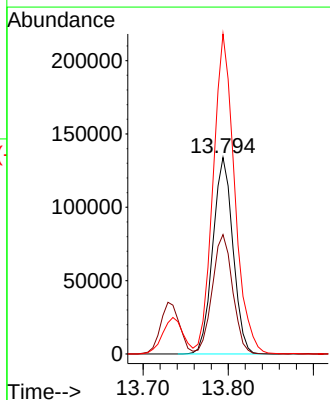
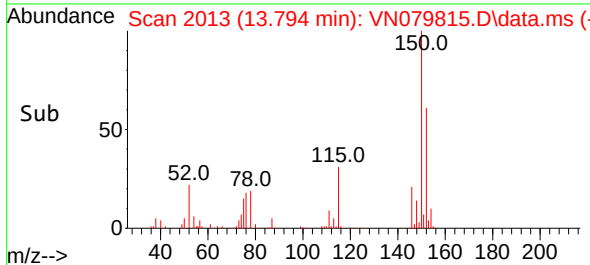
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

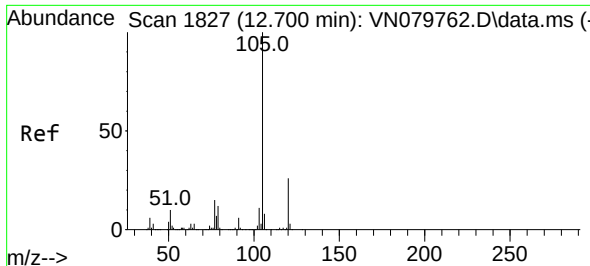


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



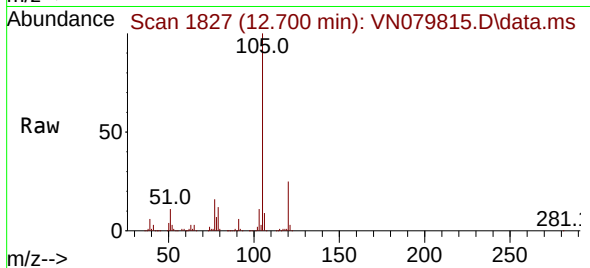
Tgt Ion:152 Resp: 219572
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 173.7 0.0 355.8





#73
Isopropylbenzene
Concen: 53.105 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

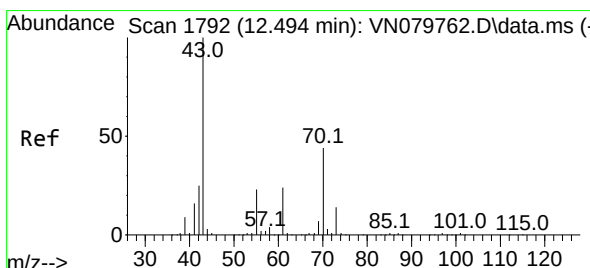
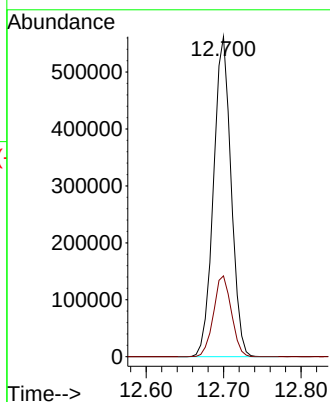
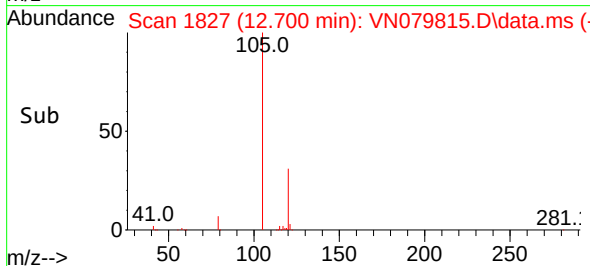
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



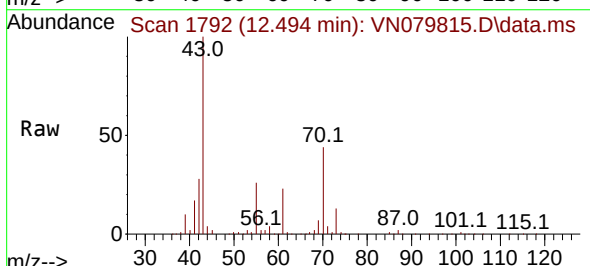
Tgt Ion:105 Resp: 884950
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

Manual Integrations
APPROVED

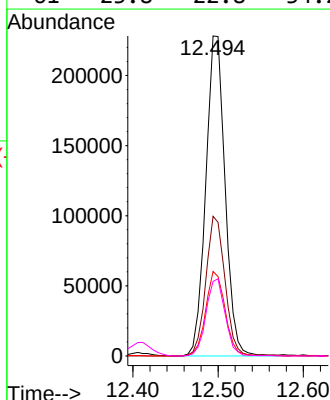
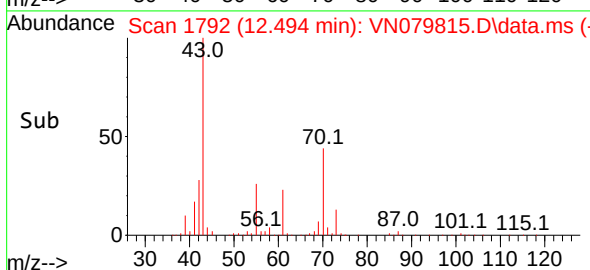
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

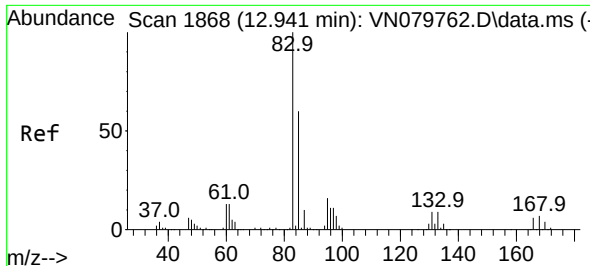


#74
N-ethyl acetate
Concen: 49.412 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



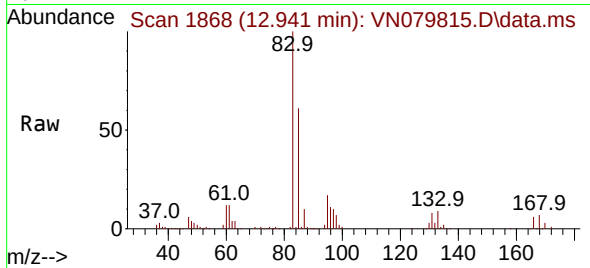
Tgt Ion: 43 Resp: 359408
Ion Ratio Lower Upper
43 100
70 43.3 43.4 65.2#
55 26.8 21.4 32.0
61 23.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.005 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

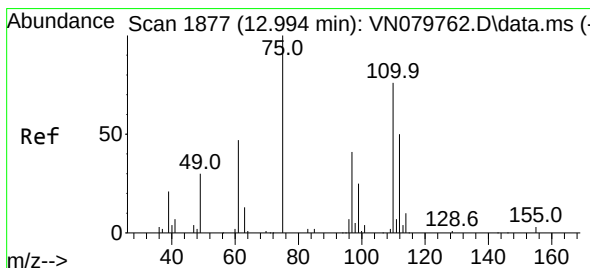
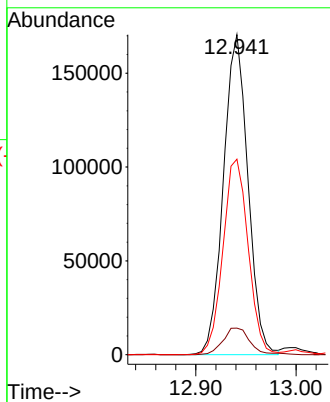
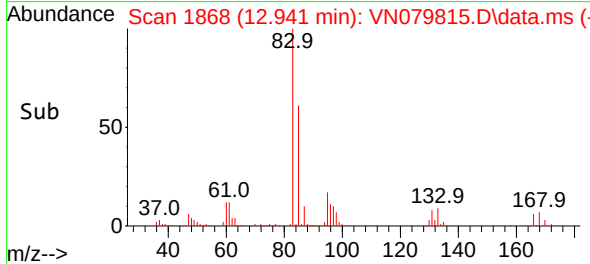
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 289540
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 62.9 31.9 95.7

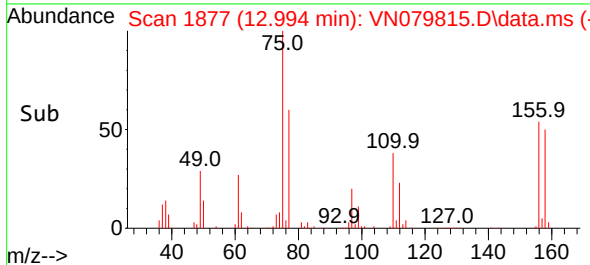
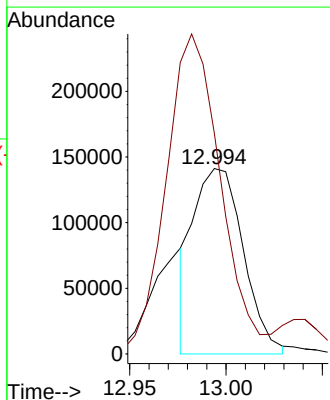
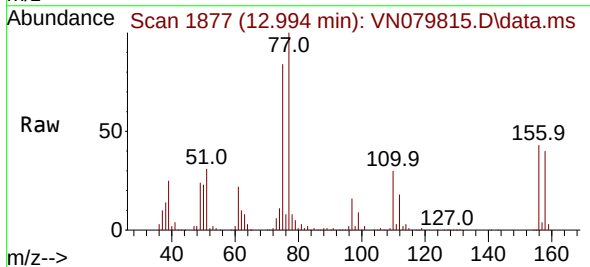
Manual Integrations
APPROVED

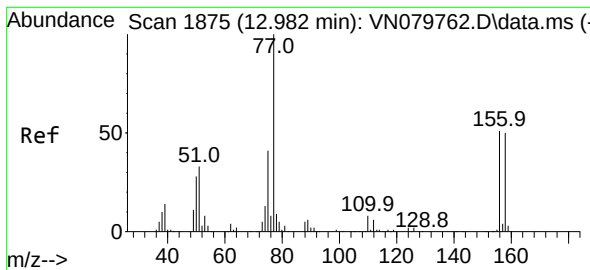
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#76
1,2,3-Trichloropropane
Concen: 49.203 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

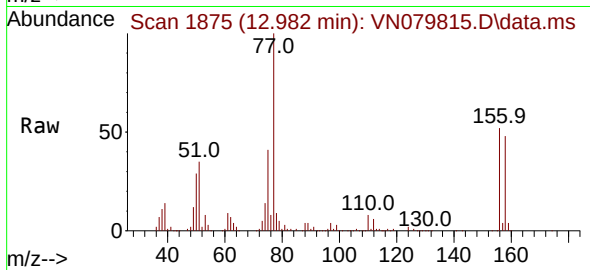
Tgt Ion: 75 Resp: 253638
Ion Ratio Lower Upper
75 100
77 189.7 84.5 253.5





#77
Bromobenzene
Concen: 52.275 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

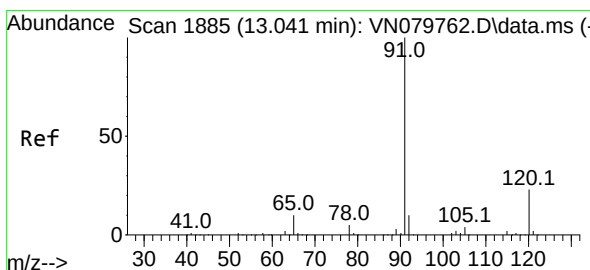
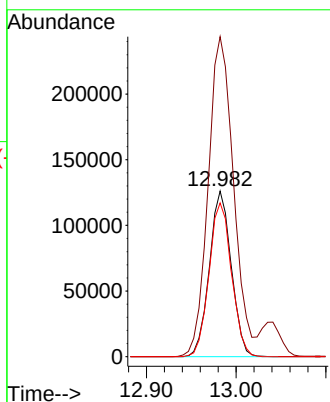
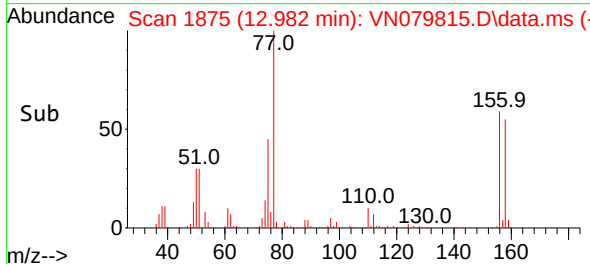
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



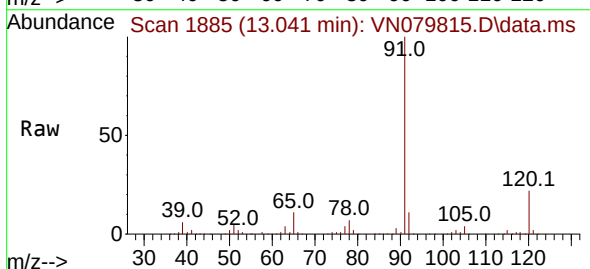
Tgt Ion:156 Resp: 213275
Ion Ratio Lower Upper
156 100
77 225.7 107.7 323.3
158 95.4 48.4 145.3

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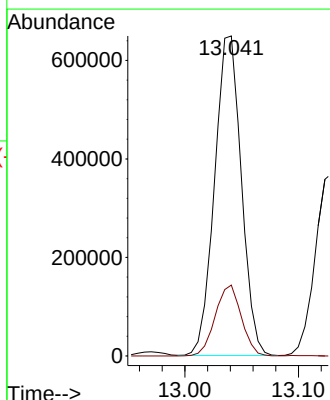
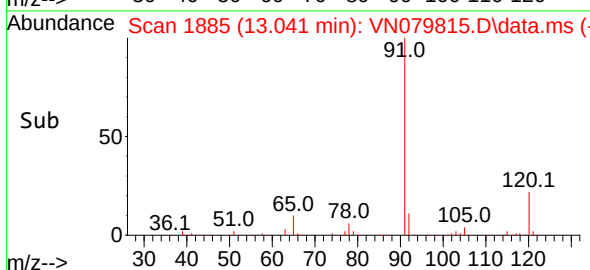
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

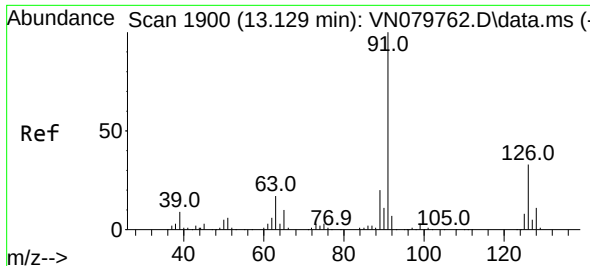


#78
n-propylbenzene
Concen: 55.654 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



Tgt Ion: 91 Resp: 1062040
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





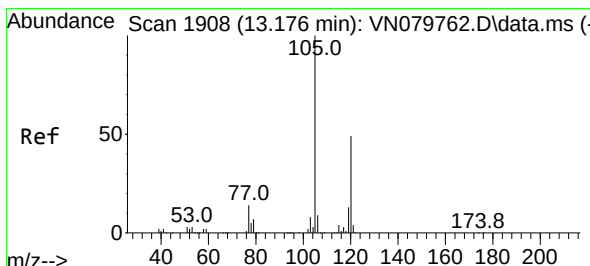
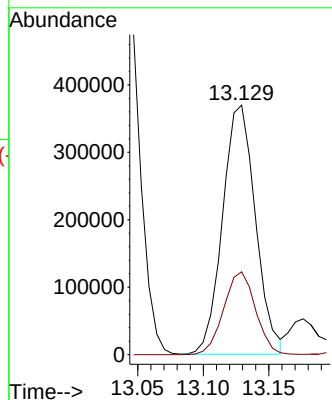
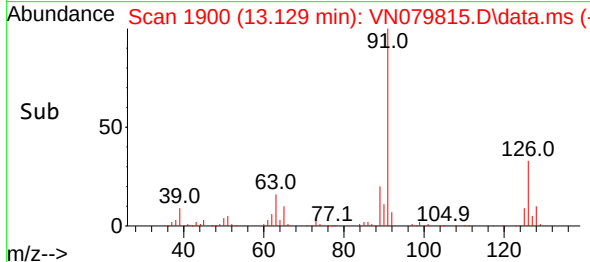
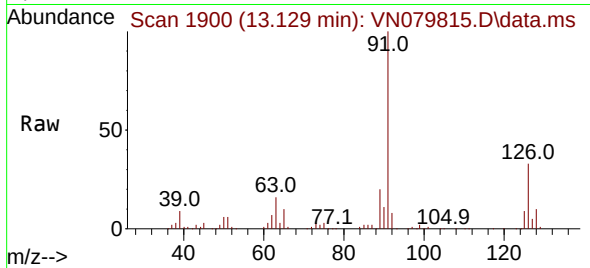
#79
2-Chlorotoluene
Concen: 52.898 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 64486
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

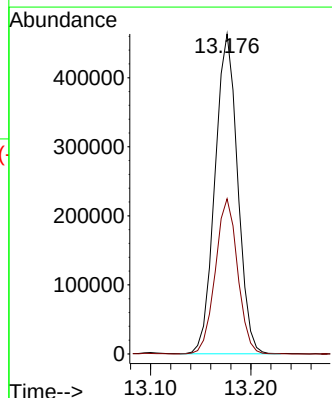
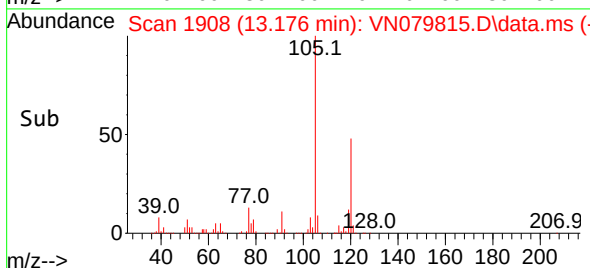
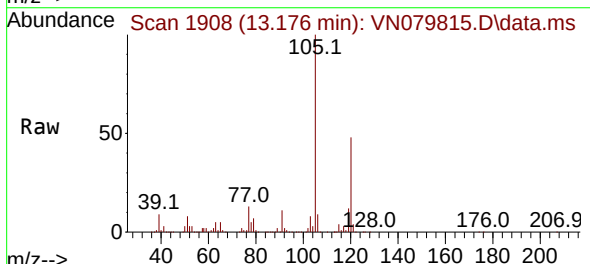
Manual Integrations
APPROVED

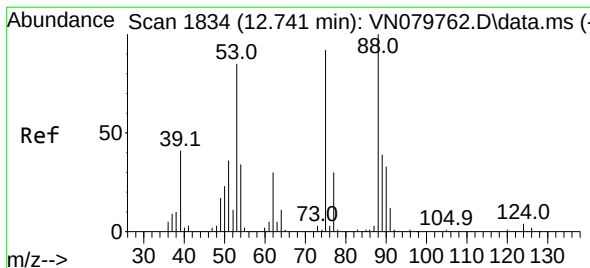
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.021 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion:105 Resp: 726329
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





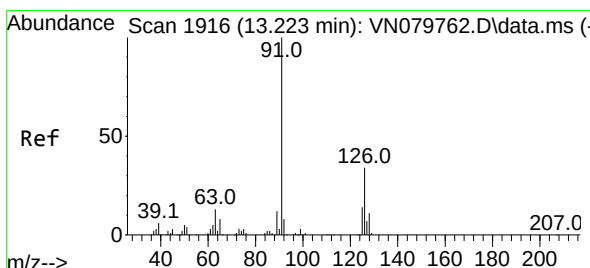
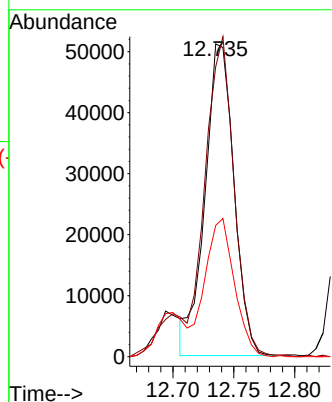
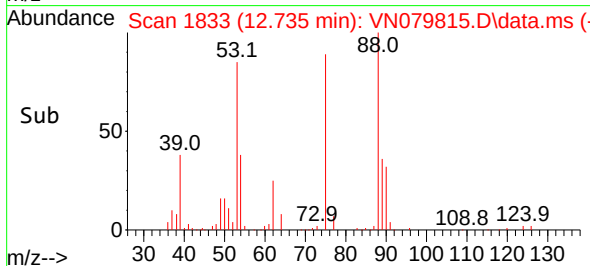
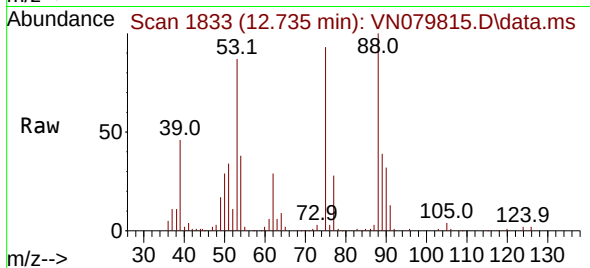
#81
trans-1,4-Dichloro-2-butene
Concen: 44.939 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8514
Ion Ratio Lower Upper
75 100
53 114.9 67.4 101.2
89 45.2 38.8 58.2

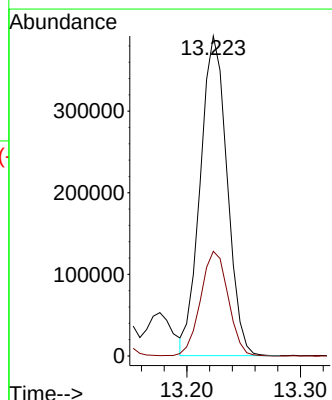
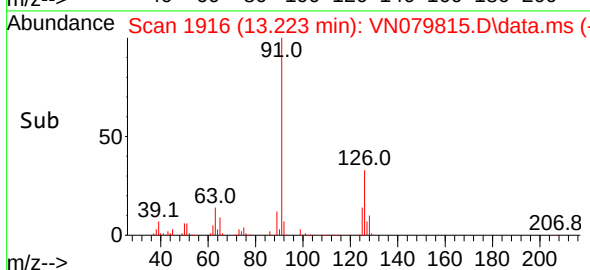
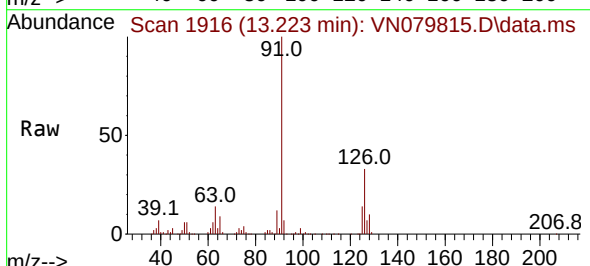
Manual Integrations
APPROVED

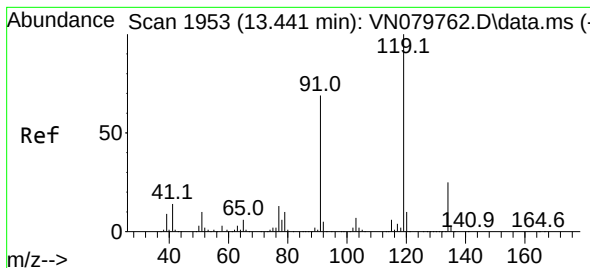
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#82
4-Chlorotoluene
Concen: 53.129 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion: 91 Resp: 643613
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0





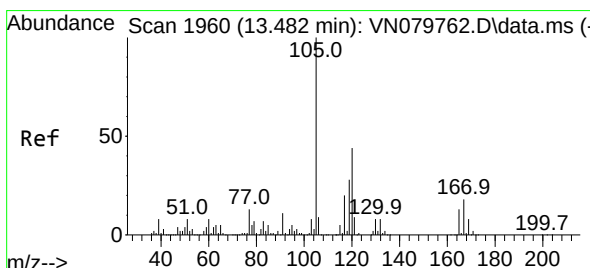
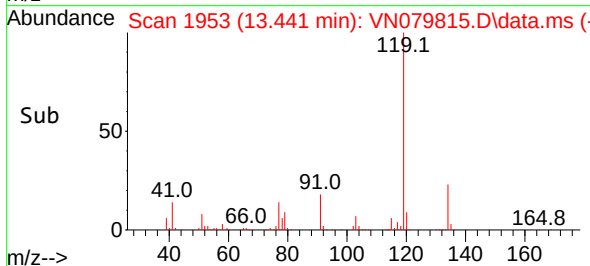
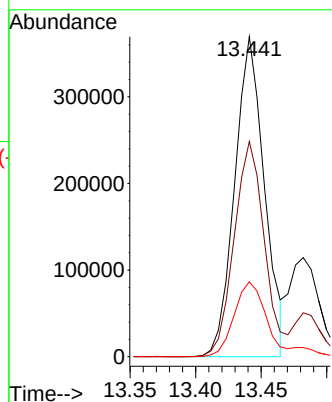
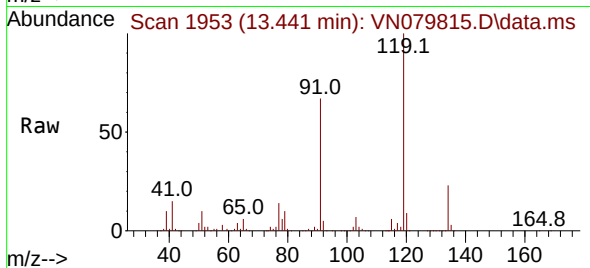
#83
tert-Butylbenzene
Concen: 54.770 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 581260
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 27.1 13.2 39.6

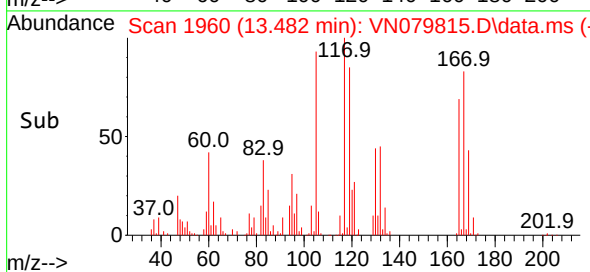
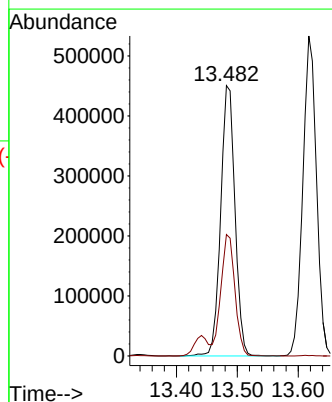
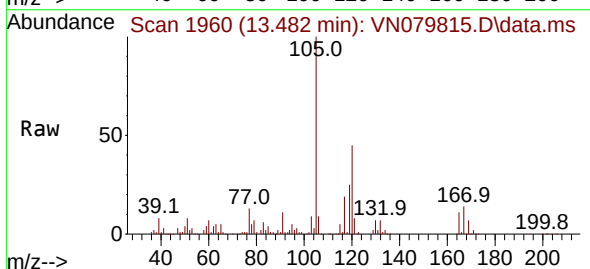
Manual Integrations
APPROVED

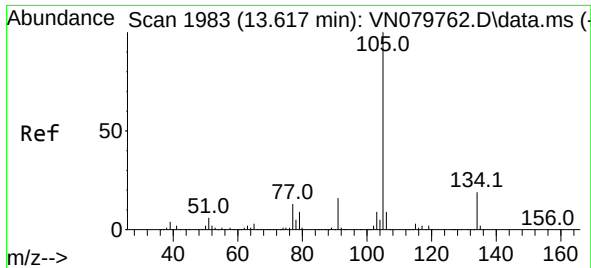
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#84
1,2,4-Trimethylbenzene
Concen: 57.578 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

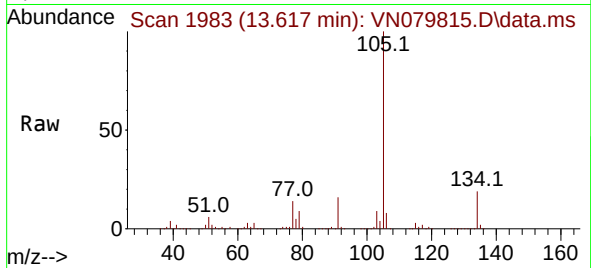
Tgt Ion:105 Resp: 734460
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 56.388 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079815.D
 Acq: 03 Nov 2023 00:10

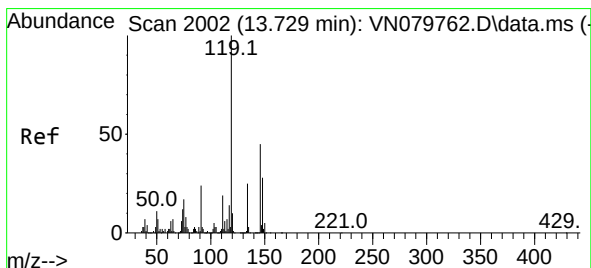
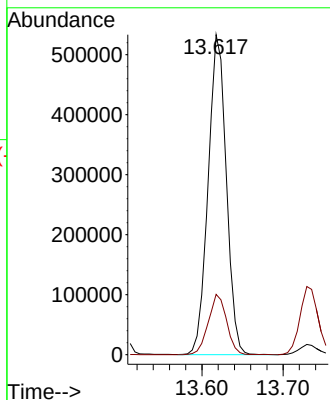
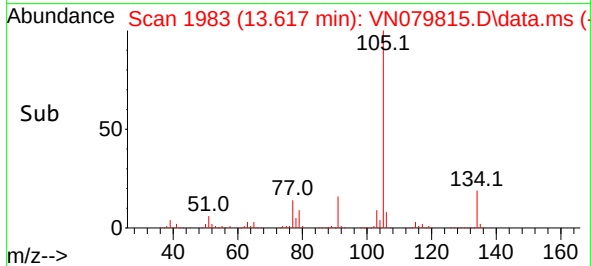
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



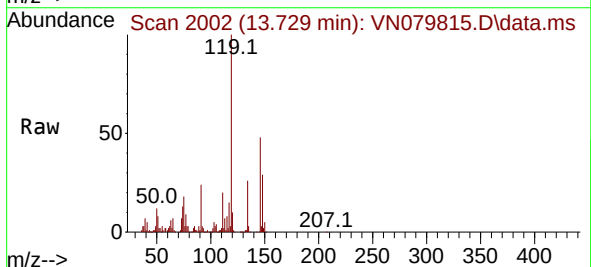
Tgt Ion:105 Resp: 829107
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3

Manual Integrations
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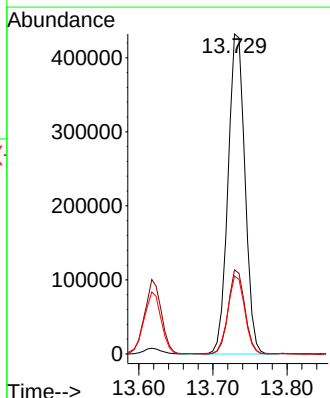
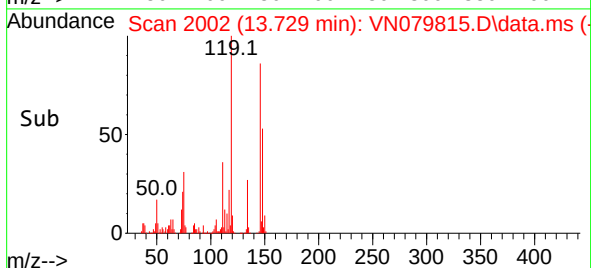
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023

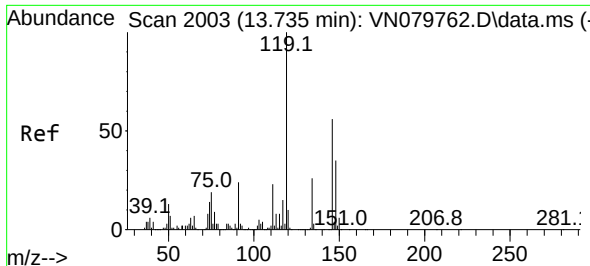


#86
 p-Isopropyltoluene
 Concen: 57.114 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079815.D
 Acq: 03 Nov 2023 00:10



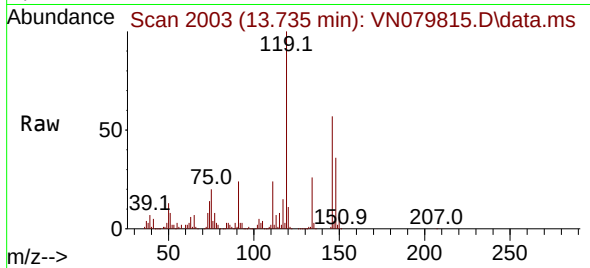
Tgt Ion:119 Resp: 684666
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 52.007 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

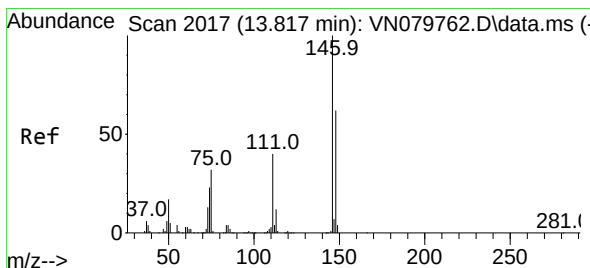
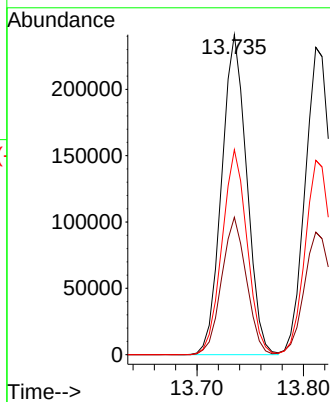
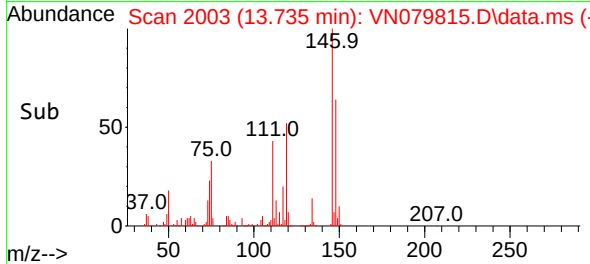
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 394715
Ion Ratio Lower Upper
146 100
111 42.3 22.1 66.3
148 63.8 32.0 96.0

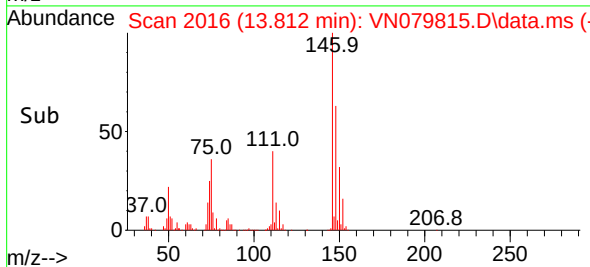
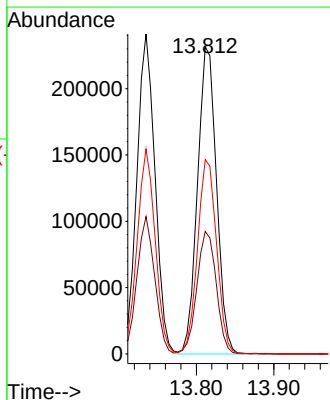
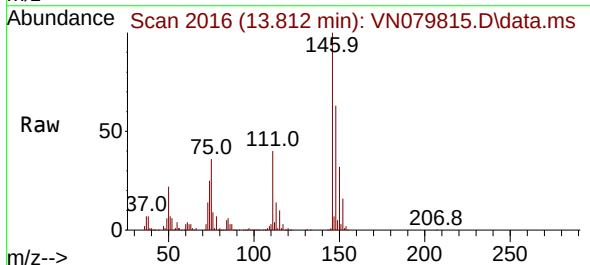
Manual Integrations
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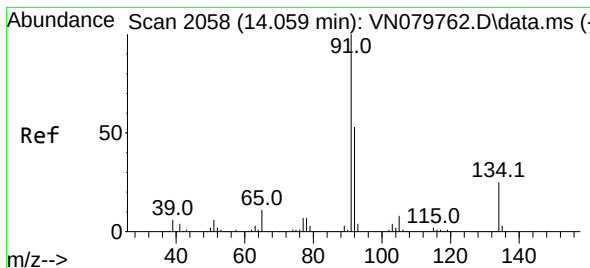
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#88
1,4-Dichlorobenzene
Concen: 51.246 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion:146 Resp: 394787
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 55.799 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079815.D

Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 576130

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

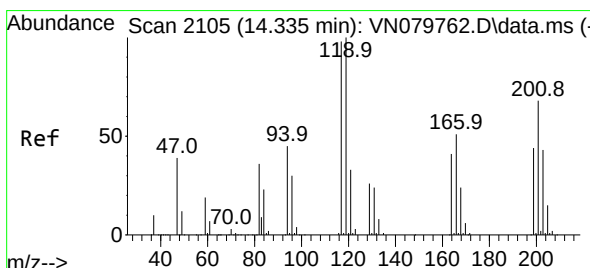
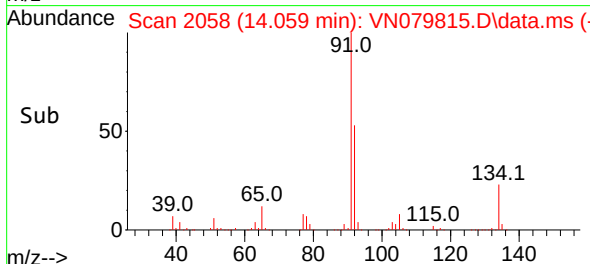
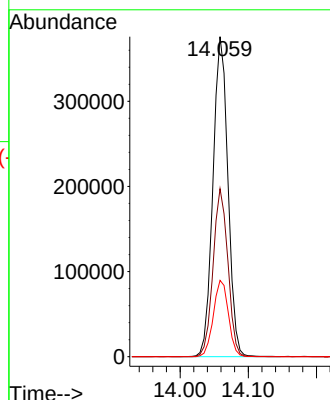
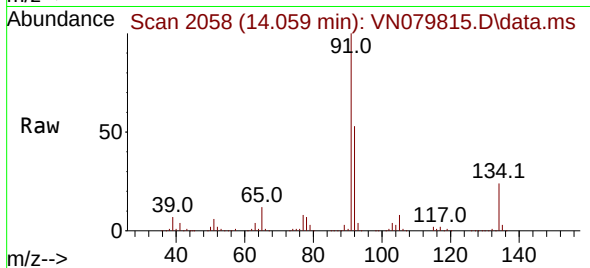
134 23.9 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#90

Hexachloroethane

Concen: 53.300 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079815.D

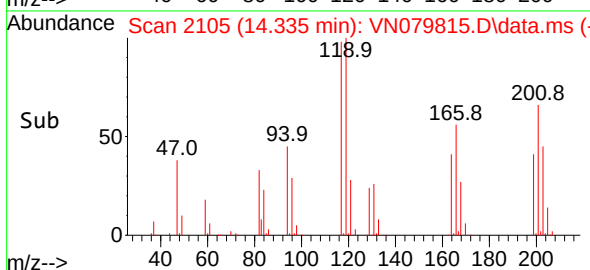
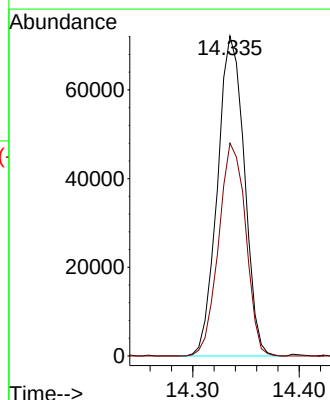
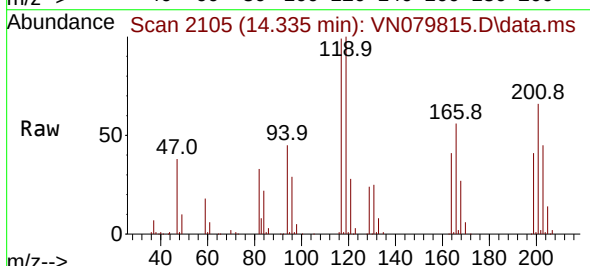
Acq: 03 Nov 2023 00:10

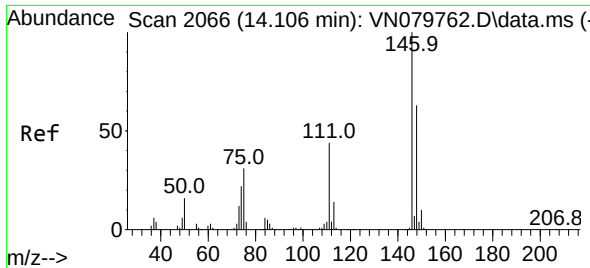
Tgt Ion:117 Resp: 126541

Ion Ratio Lower Upper

117 100

201 66.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 52.571 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Instrument :

MSVOA_N

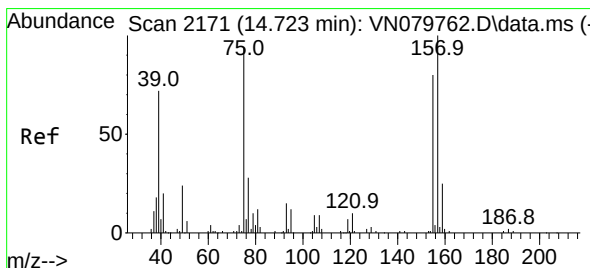
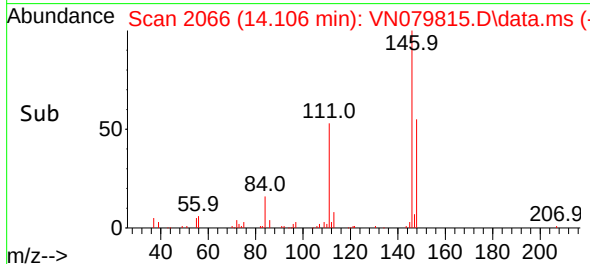
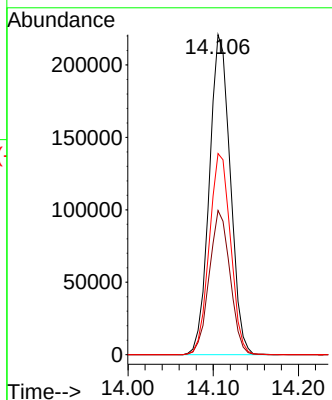
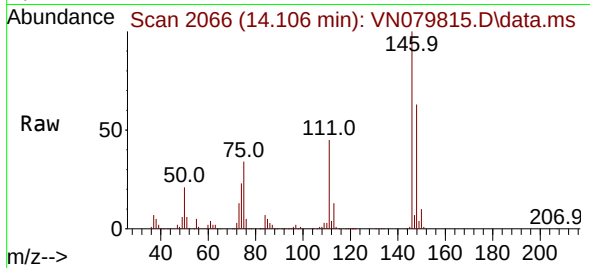
ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 37665
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 64.0 31.8 95.3

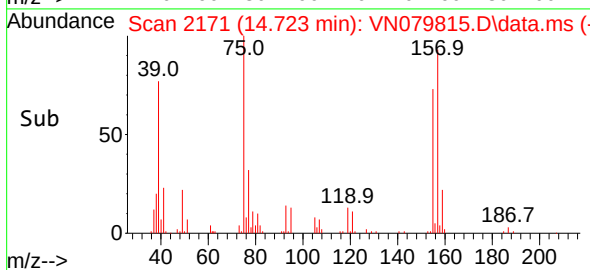
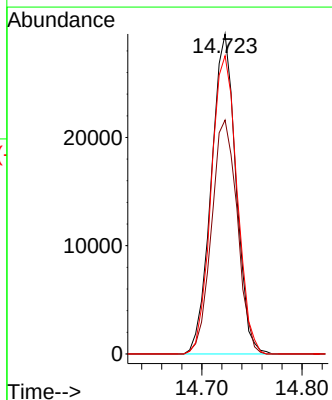
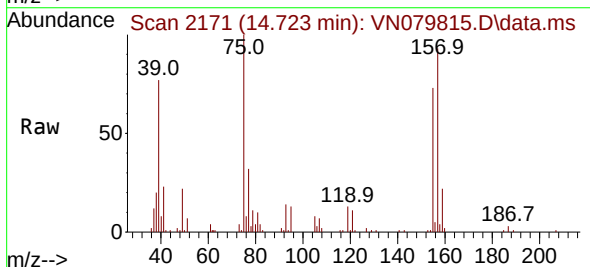
Manual Integrations
APPROVED

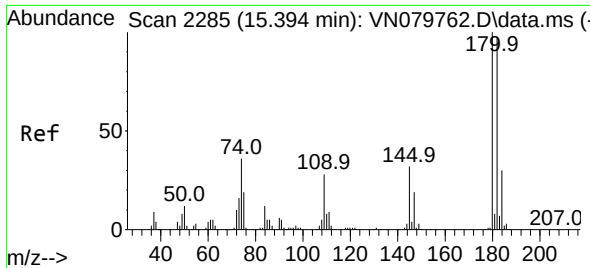
Reviewed By :John Carbone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.429 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

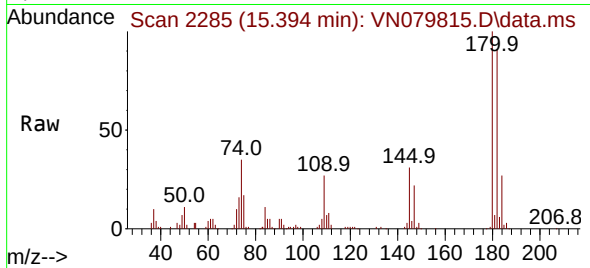
Tgt Ion: 75 Resp: 50528
Ion Ratio Lower Upper
75 100
155 76.1 39.1 117.2
157 97.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 52.219 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

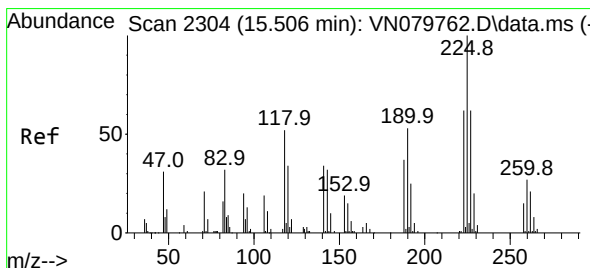
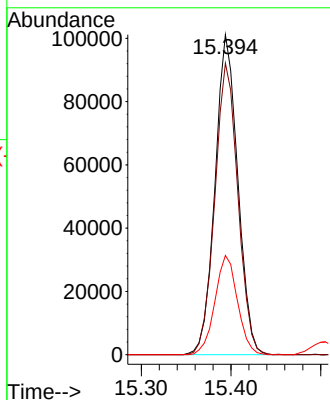
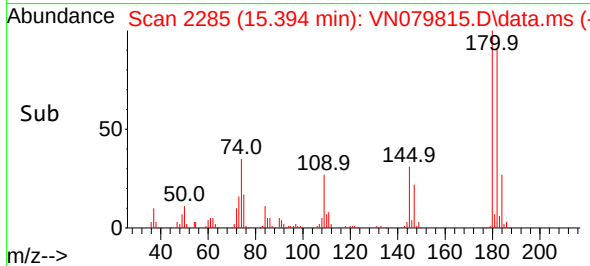
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



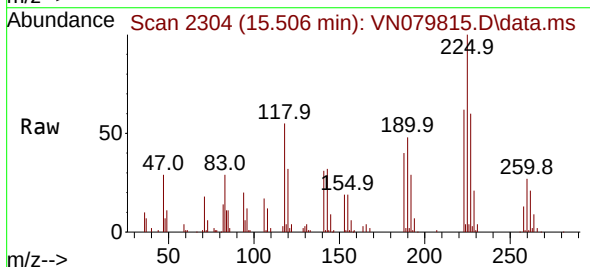
Tgt Ion:180 Resp: 177890
Ion Ratio Lower Upper
180 100
182 92.4 46.1 138.2
145 30.7 16.6 49.8

Manual Integrations
APPROVED

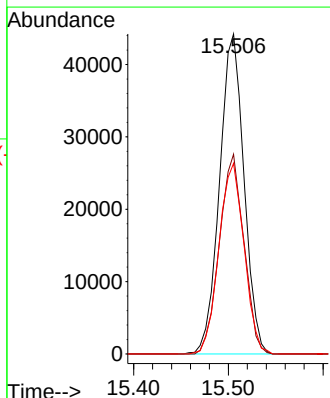
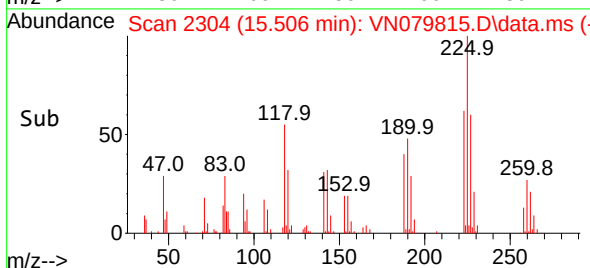
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

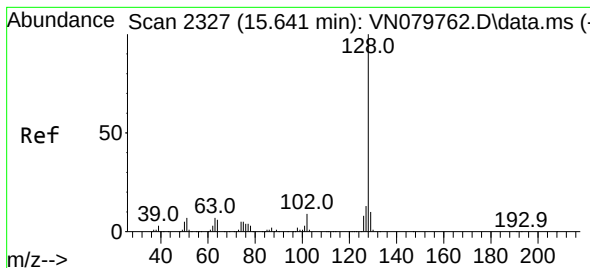


#94
Hexachlorobutadiene
Concen: 51.304 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10



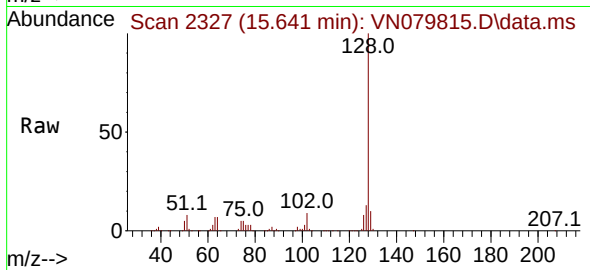
Tgt Ion:225 Resp: 79231
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.8
227 61.3 31.9 95.9





#95
Naphthalene
Concen: 46.112 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

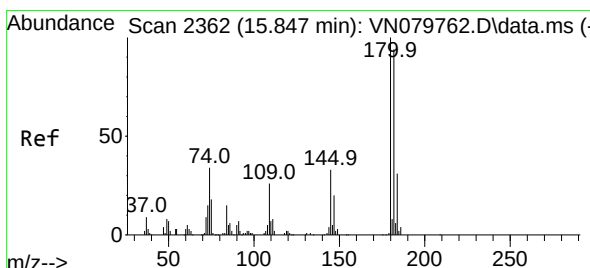
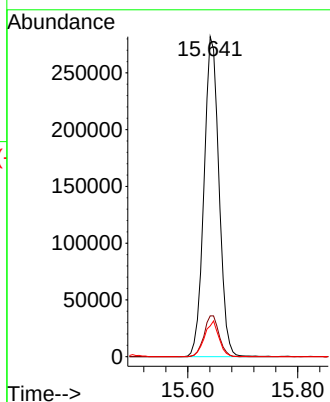
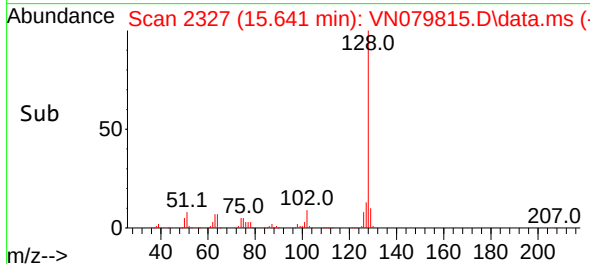
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 532730
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 50.327 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079815.D
Acq: 03 Nov 2023 00:10

Tgt Ion:180 Resp: 168061
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 33.0 17.5 52.6

