

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079482.D
 Acq On : 10 Oct 2023 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 06:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	238140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	423920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	397241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	218413	56.565	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.140%			
35) Dibromofluoromethane	8.171	113	166615	54.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.380%			
50) Toluene-d8	10.570	98	606030	54.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.960%			
62) 4-Bromofluorobenzene	12.853	95	204522	57.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159718	46.805	ug/l	100
3) Chloromethane	2.365	50	191610	45.001	ug/l	99
4) Vinyl Chloride	2.518	62	198609	44.844	ug/l	95
5) Bromomethane	2.942	94	144892	54.649	ug/l	98
6) Chloroethane	3.112	64	137073	41.053	ug/l	99
7) Trichlorofluoromethane	3.494	101	233565	44.666	ug/l	99
8) Diethyl Ether	3.965	74	100553	53.939	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	136686	44.730	ug/l	100
10) Methyl Iodide	4.589	142	145966	55.047	ug/l	98
11) Tert butyl alcohol	5.524	59	136779	235.360	ug/l	99
12) 1,1-Dichloroethene	4.341	96	131632	46.784	ug/l #	80
13) Acrolein	4.177	56	149188	257.815	ug/l	98
14) Allyl chloride	5.030	41	242491	53.406	ug/l #	90
15) Acrylonitrile	5.724	53	421685	250.281	ug/l	99
16) Acetone	4.430	43	449842	293.726	ug/l	92
17) Carbon Disulfide	4.712	76	388431	44.258	ug/l	100
18) Methyl Acetate	5.030	43	342244	45.657	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	499989	54.691	ug/l	94
20) Methylene Chloride	5.277	84	172895	51.572	ug/l #	82
21) trans-1,2-Dichloroethene	5.788	96	153139	46.600	ug/l #	80
22) Diisopropyl ether	6.677	45	556251	54.633	ug/l #	90
23) Vinyl Acetate	6.606	43	1565932	273.425	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	307639	49.371	ug/l	98
25) 2-Butanone	7.488	43	596617	262.471	ug/l #	80
26) 2,2-Dichloropropane	7.488	77	240936	50.595	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	186462	52.229	ug/l	88
28) Bromochloromethane	7.818	49	156080	52.644	ug/l #	74
29) Tetrahydrofuran	7.841	42	365131	248.371	ug/l #	76
30) Chloroform	7.971	83	317432	50.419	ug/l	94
31) Cyclohexane	8.259	56	238222	43.494	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	252962	47.744	ug/l	94
36) 1,1-Dichloropropene	8.377	75	219057	47.910	ug/l	95
37) Ethyl Acetate	7.565	43	233363	51.293	ug/l #	89
38) Carbon Tetrachloride	8.365	117	220684	48.212	ug/l	96
39) Methylcyclohexane	9.606	83	215685	49.099	ug/l #	87
40) Benzene	8.612	78	693398	51.064	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	121551	50.819	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	258738	52.439	ug/l	98
43) Isopropyl Acetate	8.694	43	388630	48.757	ug/l #	89
44) Trichloroethene	9.359	130	154563	48.361	ug/l	98
45) 1,2-Dichloropropane	9.623	63	188147	52.588	ug/l	96
46) Dibromomethane	9.712	93	126466	54.578	ug/l	97
47) Bromodichloromethane	9.888	83	255032	53.506	ug/l	99
48) Methyl methacrylate	9.682	41	175593	51.409	ug/l #	84
49) 1,4-Dioxane	9.700	88	64980	1032.845	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1169326	259.882	ug/l	88
52) Toluene	10.635	92	417944	52.289	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	273815	57.005	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	287823	54.738	ug/l #	90
55) 1,1,2-Trichloroethane	11.023	97	172157	53.649	ug/l	98
56) Ethyl methacrylate	10.876	69	258818	58.696	ug/l #	82
57) 1,3-Dichloropropane	11.170	76	304266	54.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	497322	294.503	ug/l	89
59) 2-Hexanone	11.200	43	859330	264.667	ug/l	88
60) Dibromochloromethane	11.359	129	182049	56.448	ug/l	98
61) 1,2-Dibromoethane	11.470	107	169940	53.364	ug/l	98
64) Tetrachloroethene	11.106	164	119656	43.787	ug/l	98
65) Chlorobenzene	11.894	112	436755	49.370	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	163581	50.501	ug/l	97
67) Ethyl Benzene	11.965	91	776907	50.526	ug/l	96
68) m/p-Xylenes	12.076	106	592049	105.970	ug/l	95
69) o-Xylene	12.400	106	283774	51.647	ug/l	92
70) Styrene	12.412	104	481735	55.507	ug/l	98
71) Bromoform	12.582	173	120540	50.846	ug/l #	99
73) Isopropylbenzene	12.700	105	711946	43.900	ug/l	99
74) N-amyl acetate	12.500	43	312561	47.012	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	250877	47.875	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	218935m	43.559	ug/l	
77) Bromobenzene	12.982	156	173778	43.701	ug/l	93
78) n-propylbenzene	13.041	91	859275	46.830	ug/l	97
79) 2-Chlorotoluene	13.129	91	519910	44.280	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	603524	47.193	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	75220	43.423	ug/l #	76
82) 4-Chlorotoluene	13.223	91	510384	45.681	ug/l	99
83) tert-Butylbenzene	13.441	119	477931	45.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	603684	49.464	ug/l	99
85) sec-Butylbenzene	13.617	105	679107	46.468	ug/l	100
86) p-Isopropyltoluene	13.735	119	561478	50.081	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	301043	47.731	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	293711	45.100	ug/l	99
89) n-Butylbenzene	14.059	91	465889	52.037	ug/l	97
90) Hexachloroethane	14.341	117	110255	48.406	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	294562	47.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39247	41.851	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	99554	52.248	ug/l	96
94) Hexachlorobutadiene	15.505	225	64290	43.322	ug/l	98
95) Naphthalene	15.647	128	268619	46.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	105254	46.290	ug/l	98

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

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

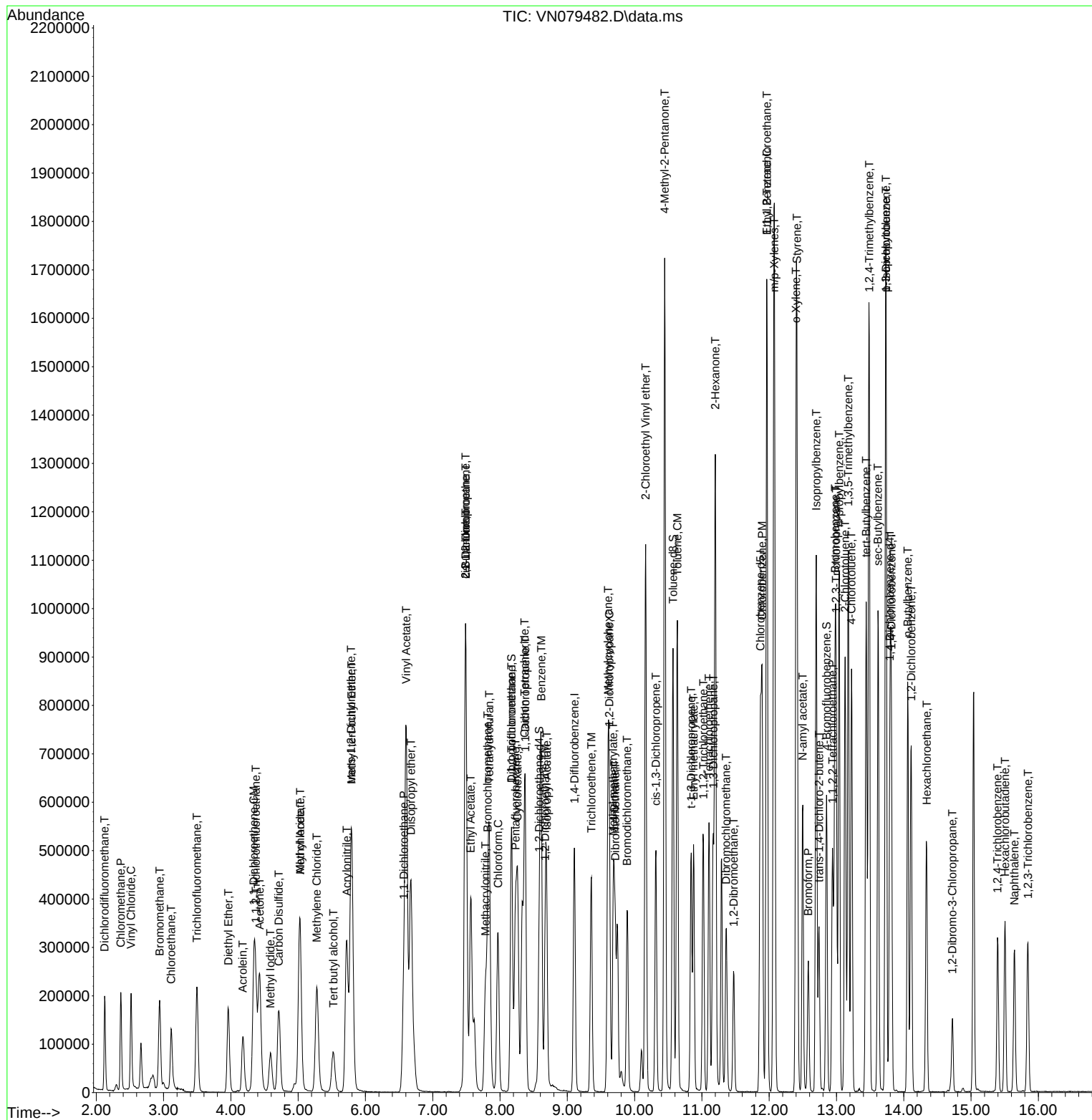
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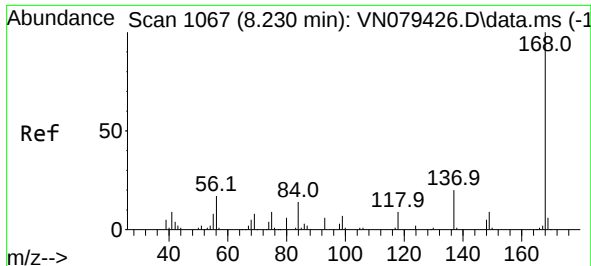
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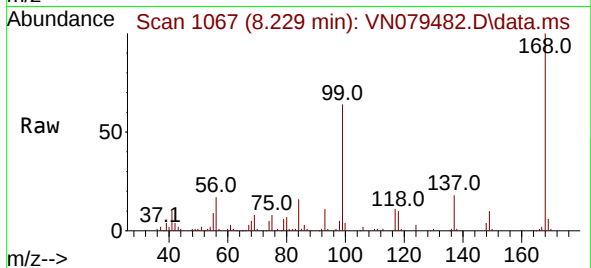
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079482.D
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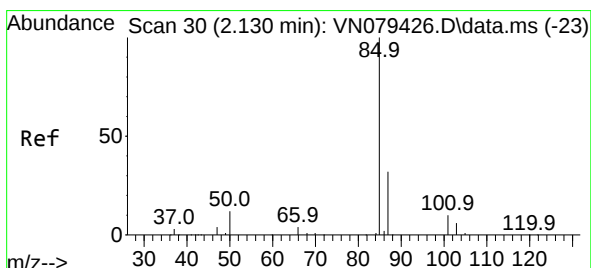
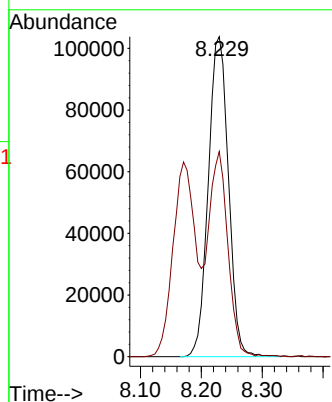
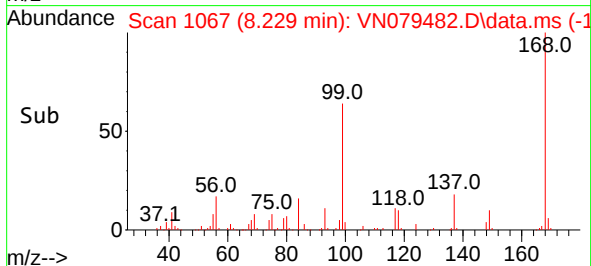
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 238140
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6

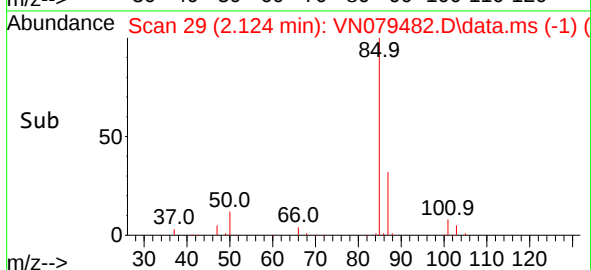
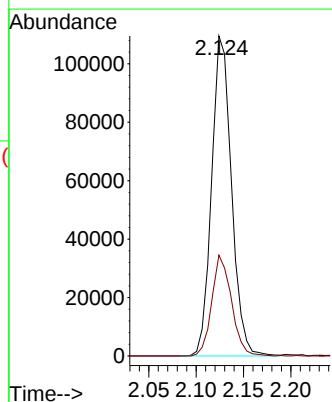
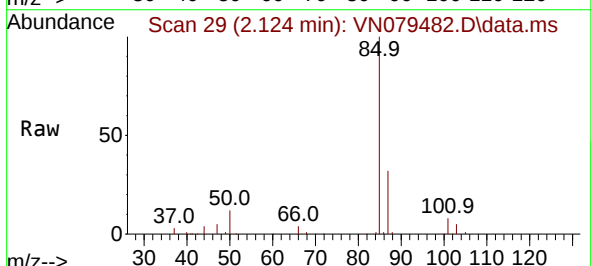
Manual Integrations
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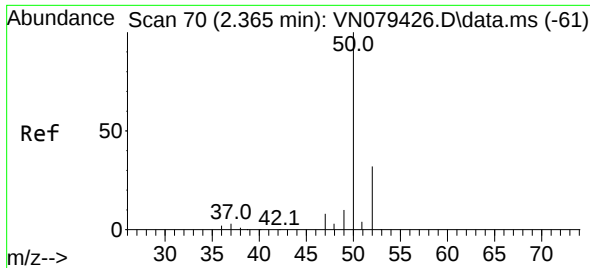
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#2
Dichlorodifluoromethane
Concen: 46.805 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Tgt Ion: 85 Resp: 159718
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





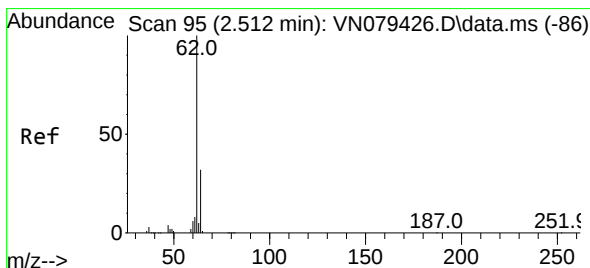
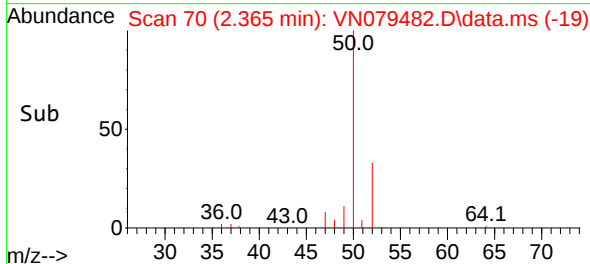
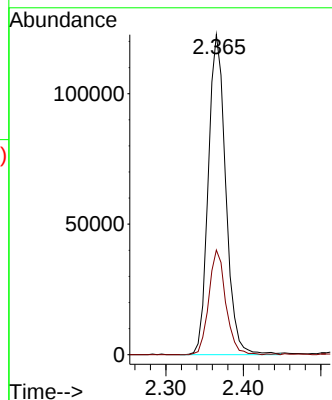
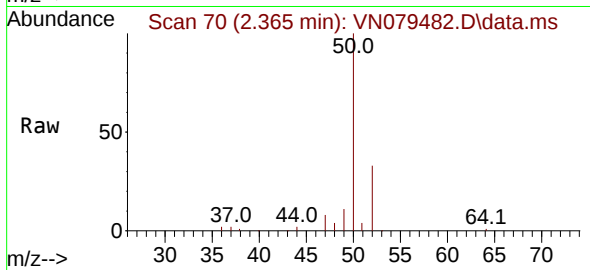
#3
Chloromethane
Concen: 45.001 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 191610
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

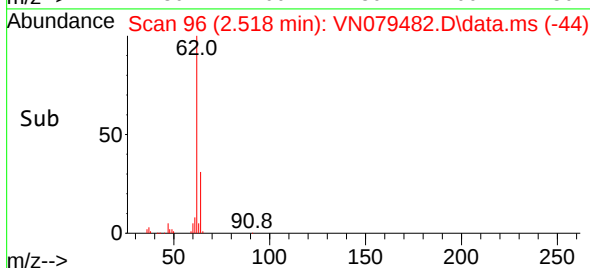
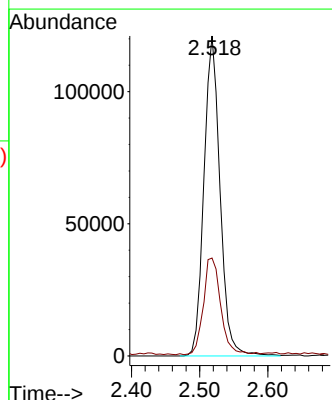
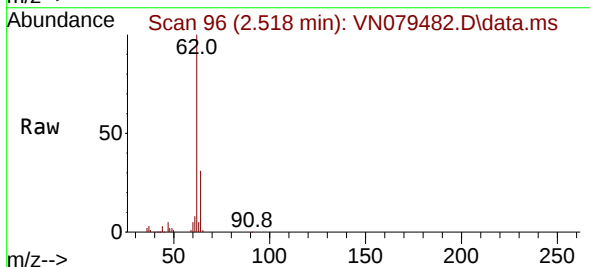
Manual Integrations
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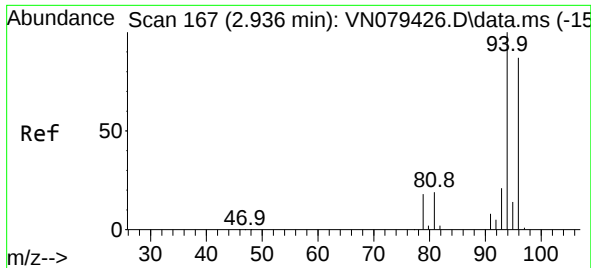
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#4
Vinyl Chloride
Concen: 44.844 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Tgt Ion: 62 Resp: 198609
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2





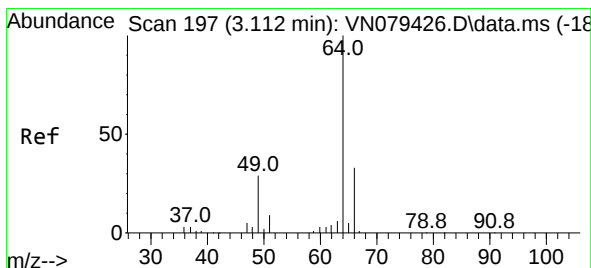
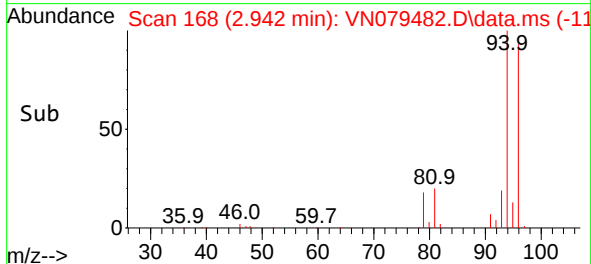
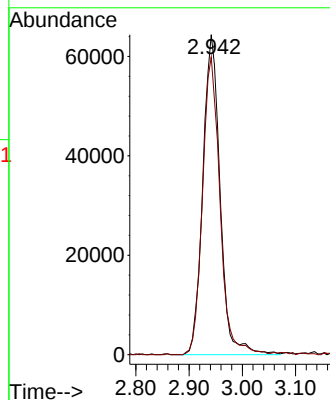
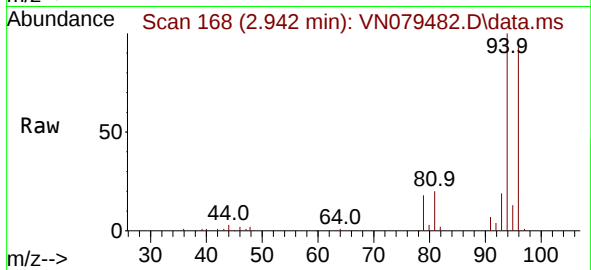
#5
Bromomethane
Concen: 54.649 ug/l
RT: 2.942 min Scan# 167
Delta R.T. 0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 144892
Ion Ratio Lower Upper
94 100
96 93.1 73.1 109.7

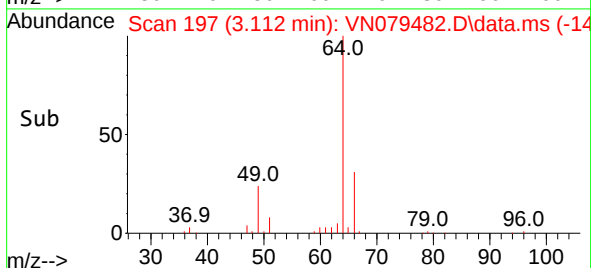
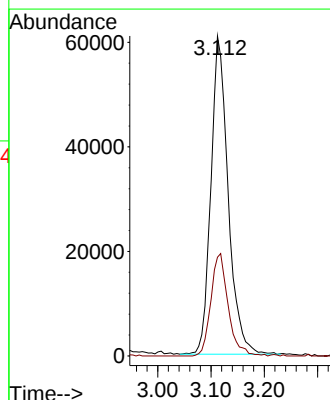
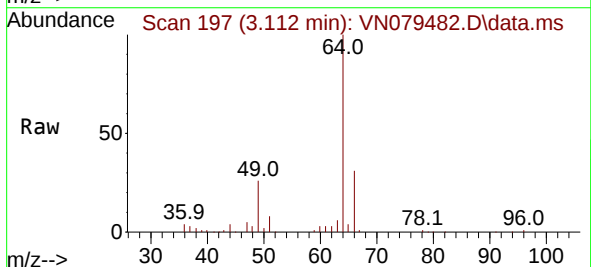
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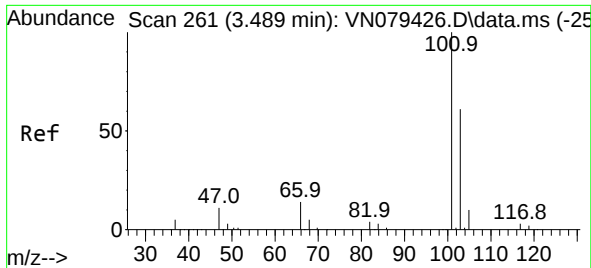
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#6
Chloroethane
Concen: 41.053 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

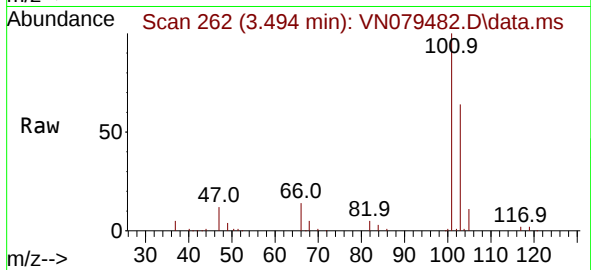
Tgt Ion: 64 Resp: 137073
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 44.666 ug/l
 RT: 3.494 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN079482.D
 Acq: 10 Oct 2023 10:25

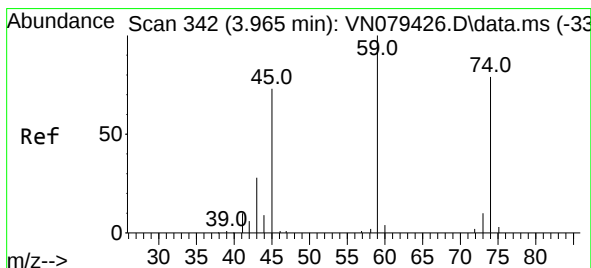
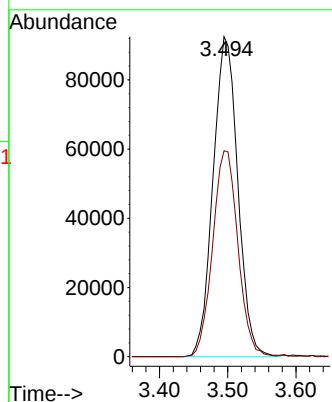
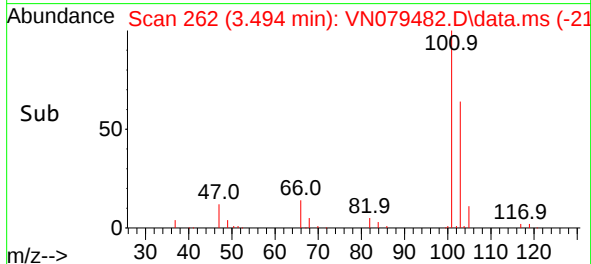
Instrument :
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Tgt Ion:101 Resp: 23356
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1

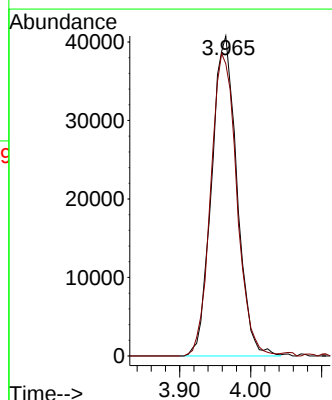
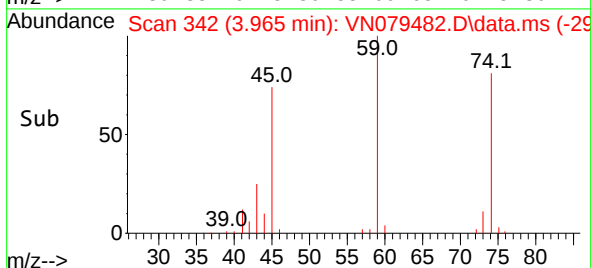
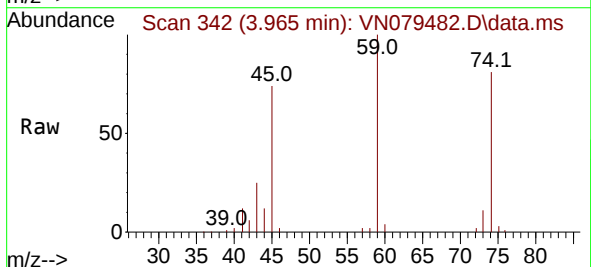
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#8
 Diethyl Ether
 Concen: 53.939 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN079482.D
 Acq: 10 Oct 2023 10:25

Tgt Ion: 74 Resp: 100553
 Ion Ratio Lower Upper
 74 100
 45 97.6 34.4 103.3





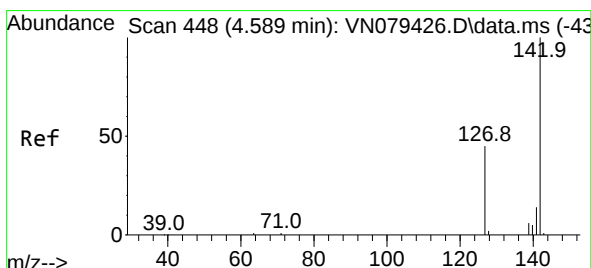
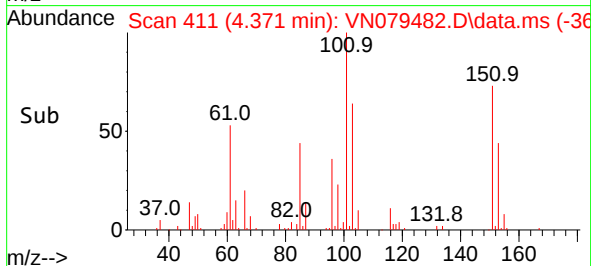
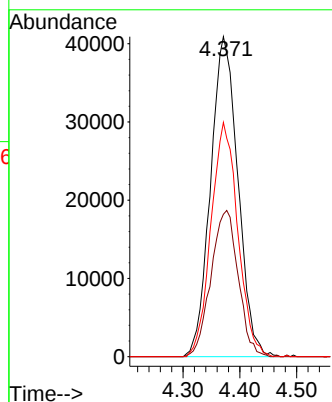
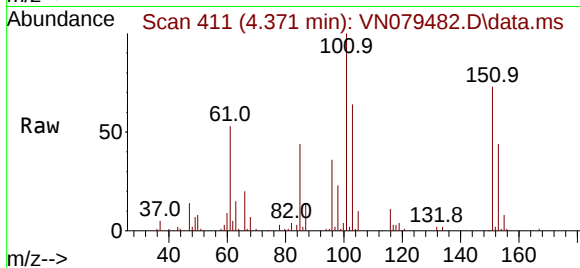
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.730 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 136680
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 71.8 57.6 86.4

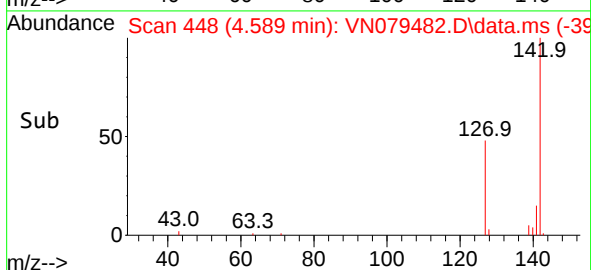
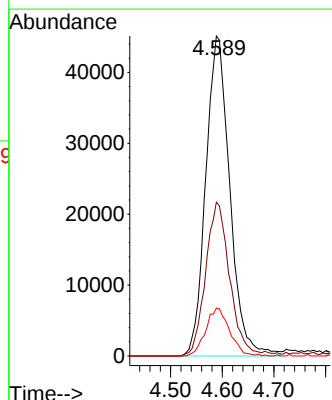
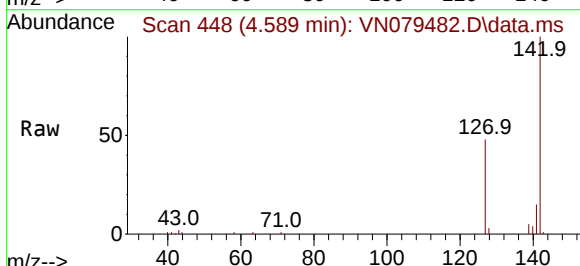
Manual Integrations
APPROVED

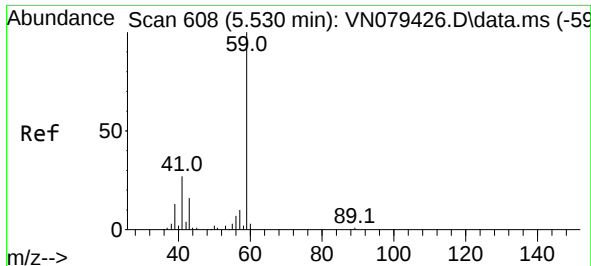
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#10
Methyl Iodide
Concen: 55.047 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

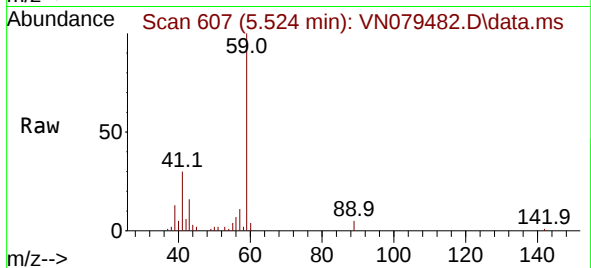
Tgt Ion:142 Resp: 145966
Ion Ratio Lower Upper
142 100
127 48.1 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 235.360 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

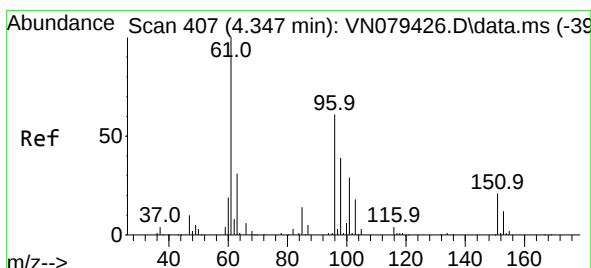
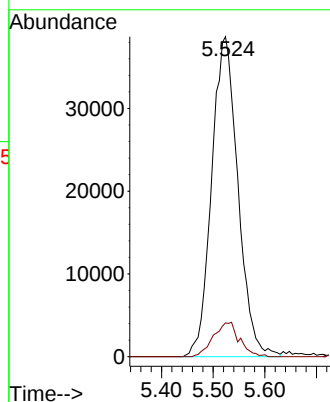
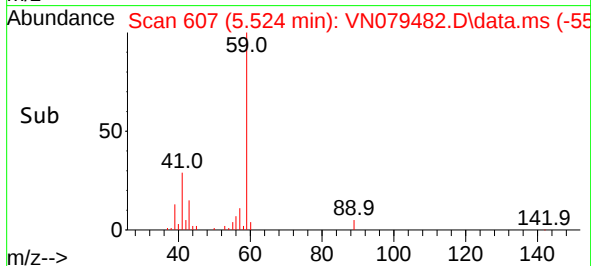
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



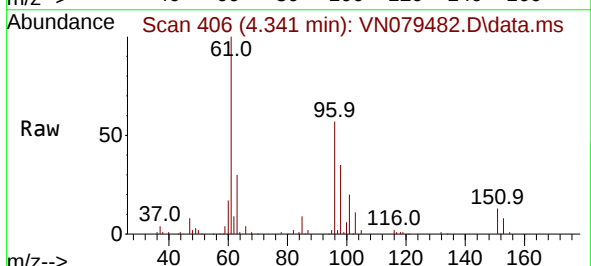
Tgt Ion: 59 Resp: 136779
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

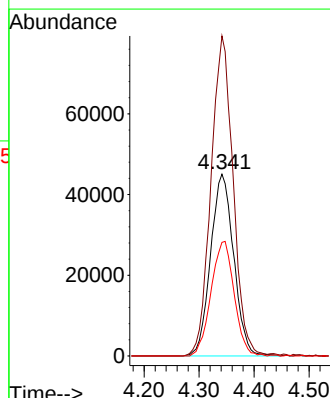
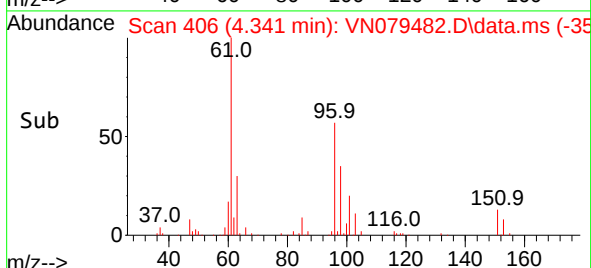
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

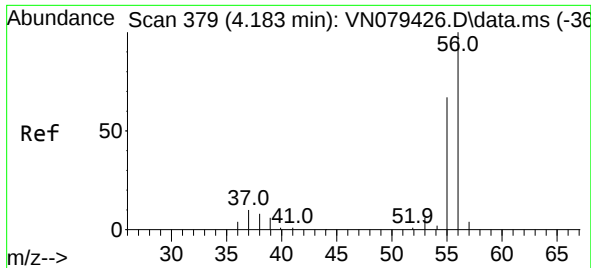


#12
1,1-Dichloroethene
Concen: 46.784 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



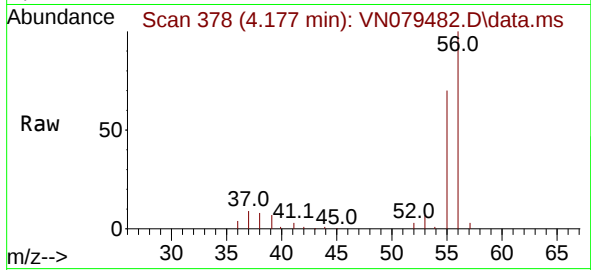
Tgt Ion: 96 Resp: 131632
Ion Ratio Lower Upper
96 100
61 176.1 112.7 169.1#
98 62.5 51.2 76.8





#13
Acrolein
Concen: 257.815 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

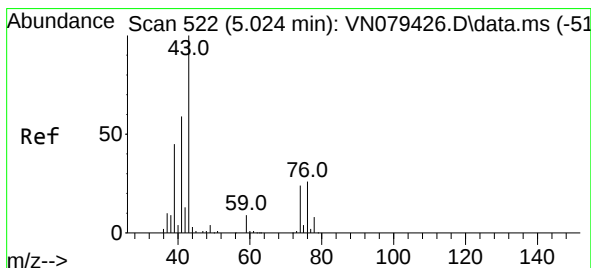
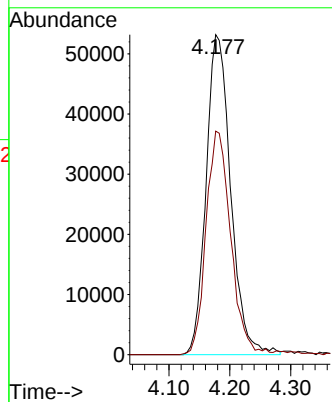
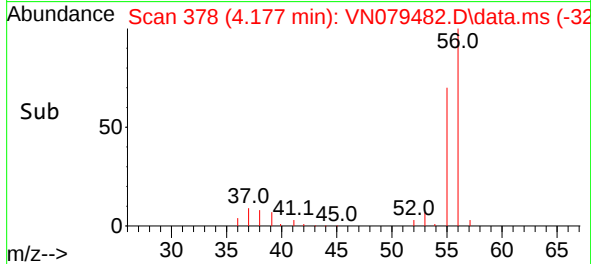
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 149188
Ion Ratio Lower Upper
56 100
55 70.0 54.5 81.7

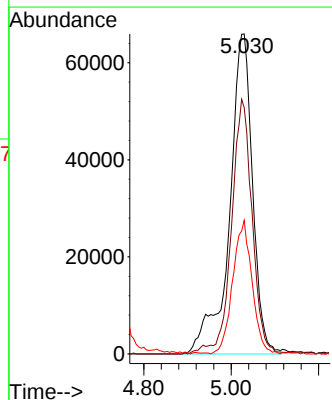
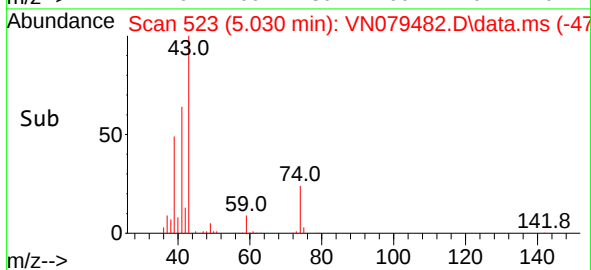
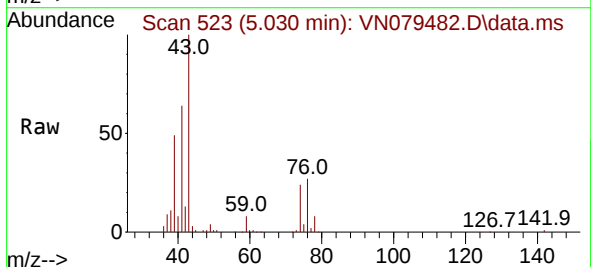
Manual Integrations
APPROVED

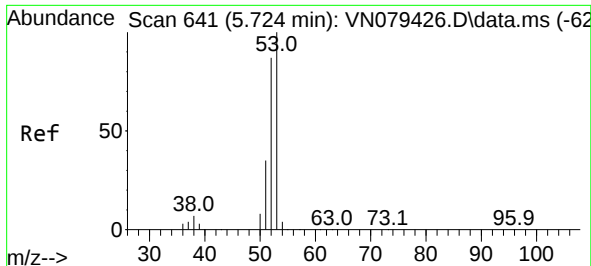
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#14
Allyl chloride
Concen: 53.406 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

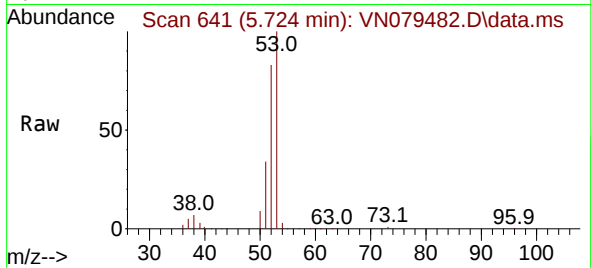
Tgt Ion: 41 Resp: 242491
Ion Ratio Lower Upper
41 100
39 71.0 58.8 88.2
76 34.9 39.1 58.7#





#15
Acrylonitrile
Concen: 250.281 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

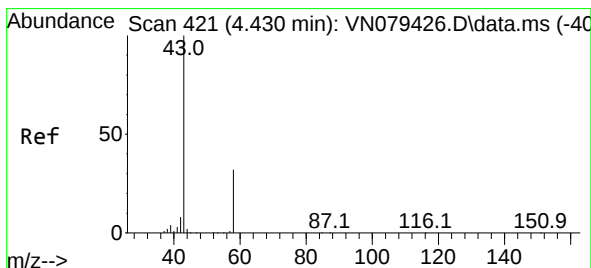
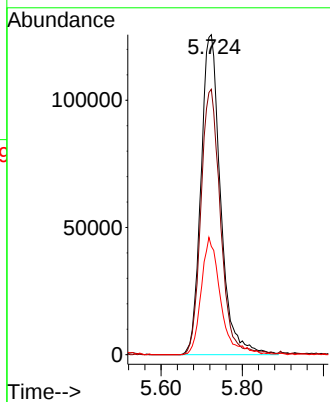
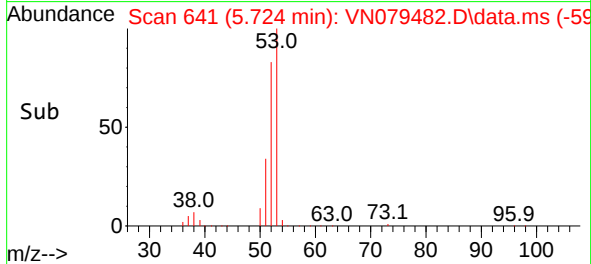
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 421685
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.4 28.9 43.3

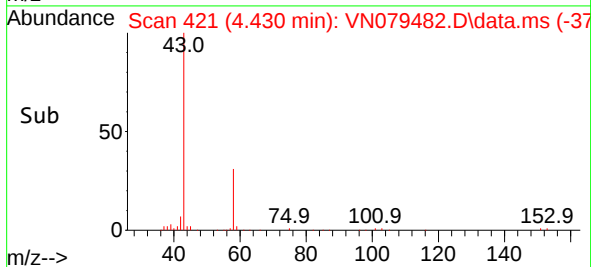
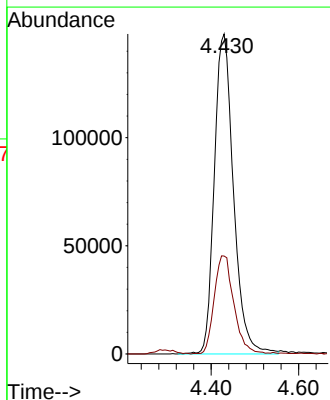
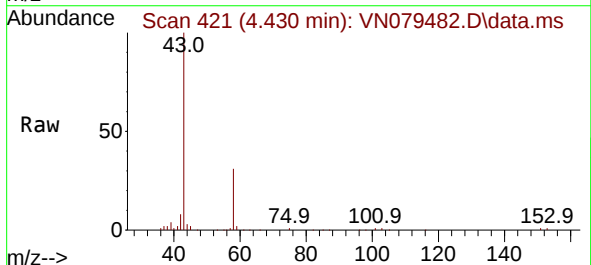
Manual Integrations
APPROVED

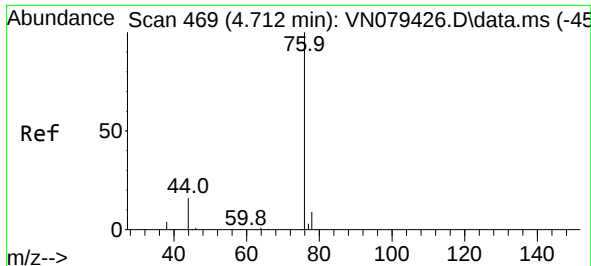
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#16
Acetone
Concen: 293.726 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

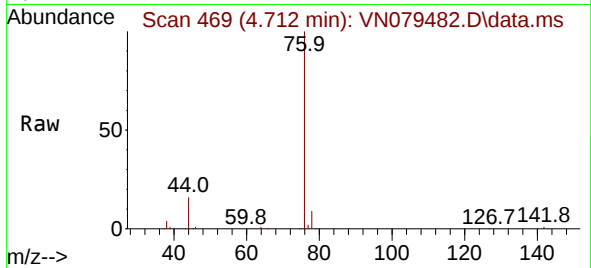
Tgt Ion: 43 Resp: 449842
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0





#17
Carbon Disulfide
Concen: 44.258 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

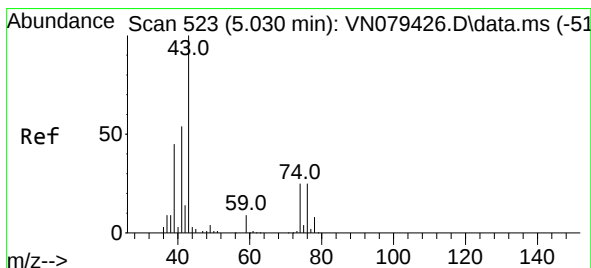
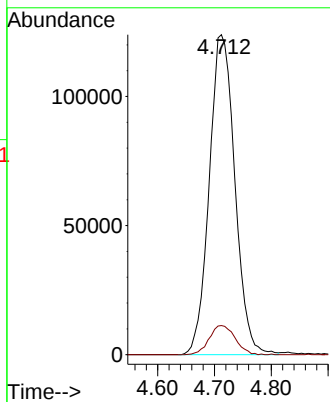
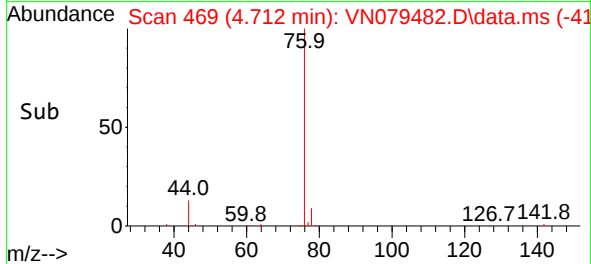
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 76 Resp: 38843
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

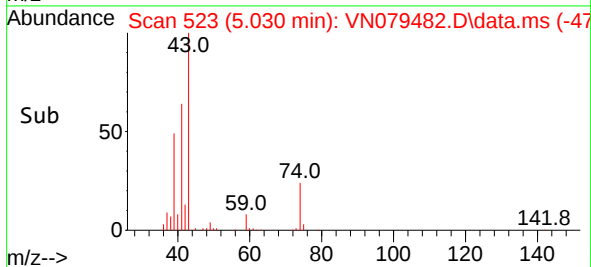
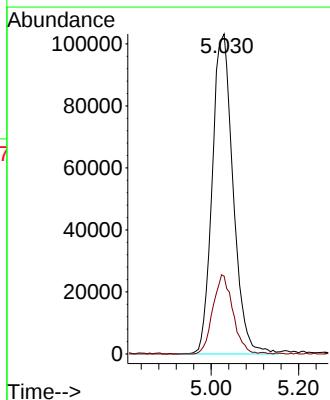
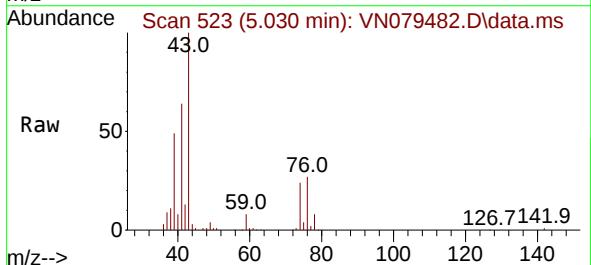
Manual Integrations
APPROVED

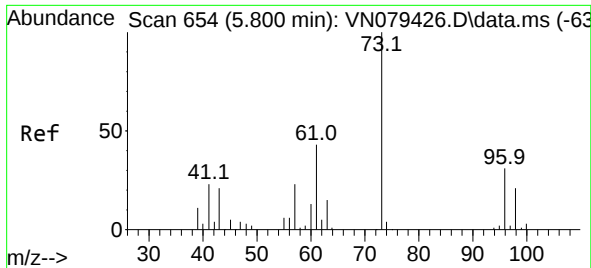
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#18
Methyl Acetate
Concen: 45.657 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Tgt Ion: 43 Resp: 342244
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#





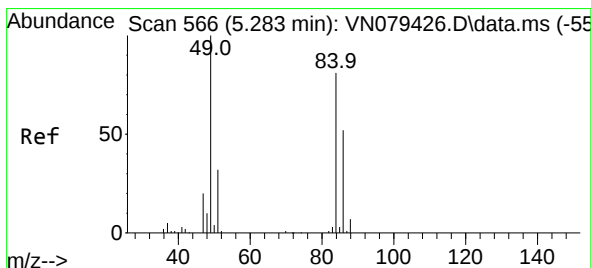
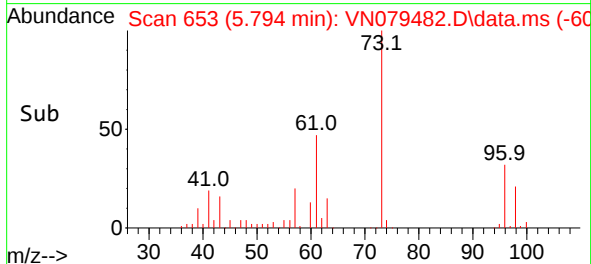
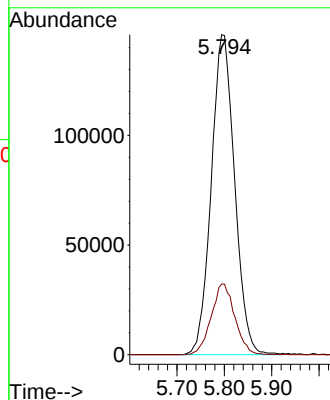
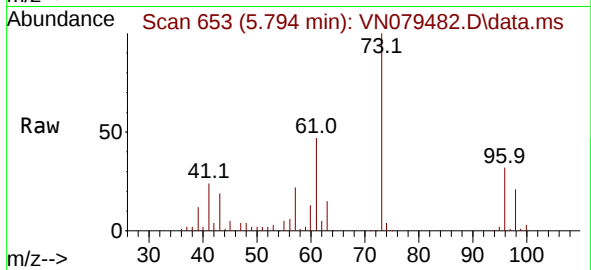
#19
Methyl tert-butyl Ether
Concen: 54.691 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 499989
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4

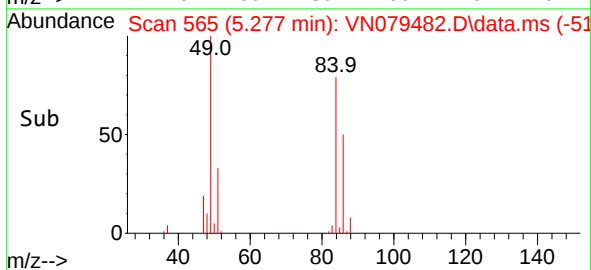
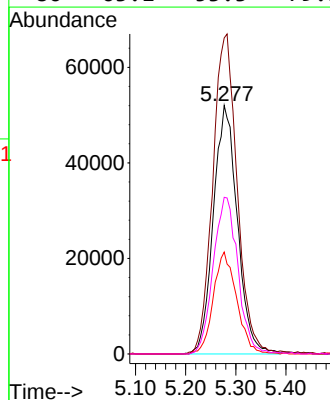
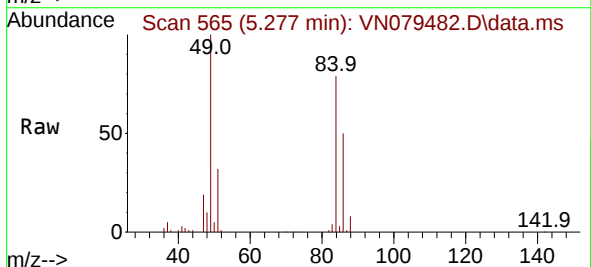
Manual Integrations
APPROVED

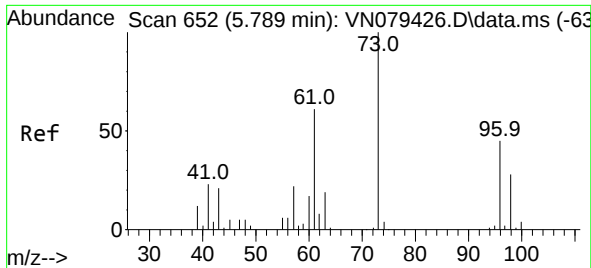
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#20
Methylene Chloride
Concen: 51.572 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

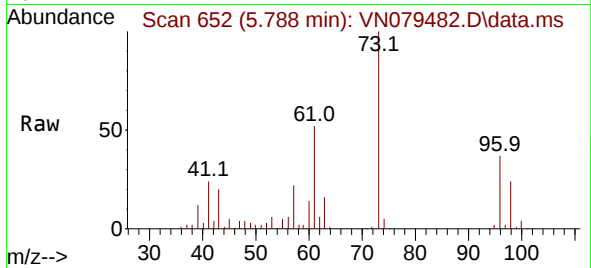
Tgt Ion: 84 Resp: 172895
Ion Ratio Lower Upper
84 100
49 127.2 79.7 119.5#
51 41.0 25.2 37.8#
86 63.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.600 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

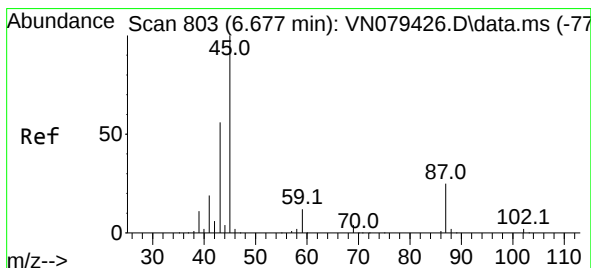
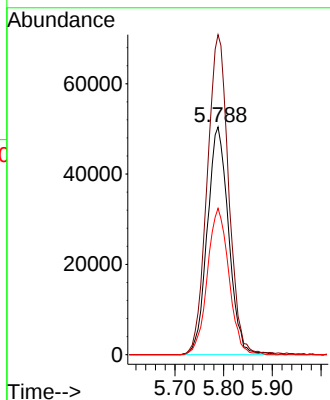
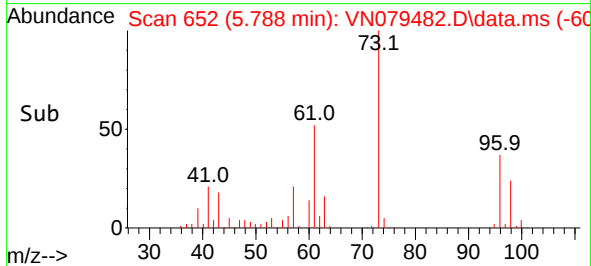
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 153139
Ion Ratio Lower Upper
96 100
61 140.5 90.1 135.1
98 64.3 46.4 69.6

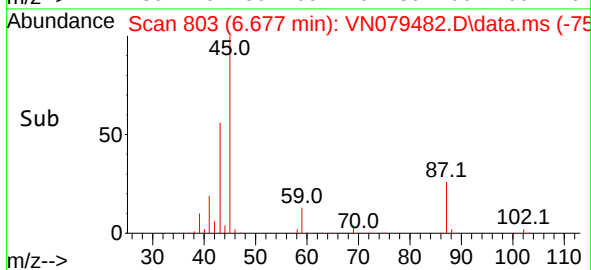
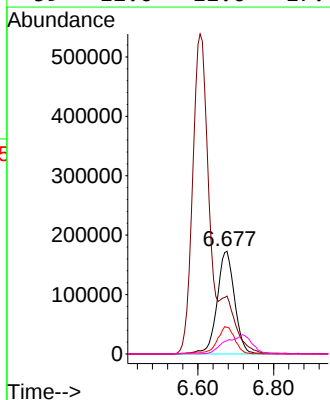
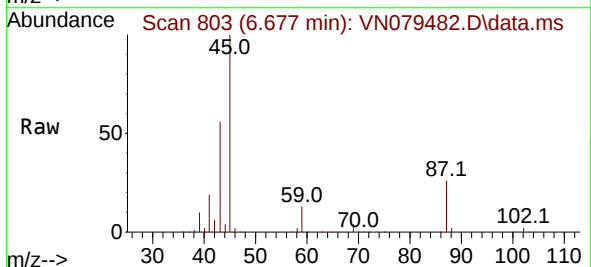
Manual Integrations
APPROVED

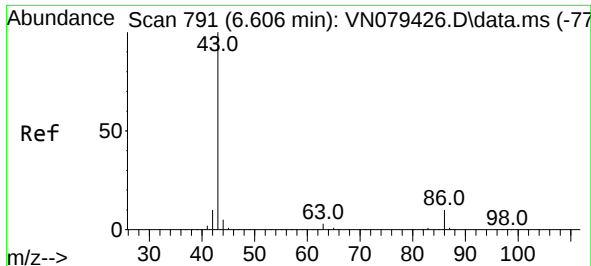
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#22
Diisopropyl ether
Concen: 54.633 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Tgt Ion: 45 Resp: 556251
Ion Ratio Lower Upper
45 100
43 55.6 45.5 68.3
87 25.8 31.8 47.8
59 12.6 11.6 17.4





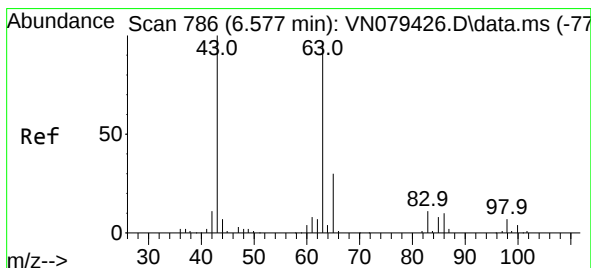
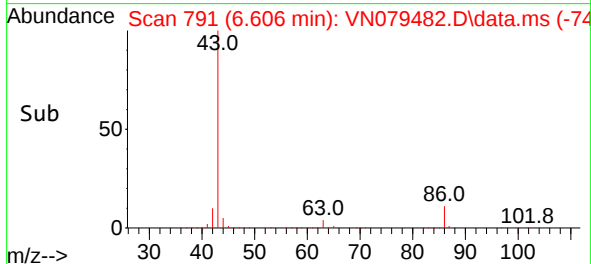
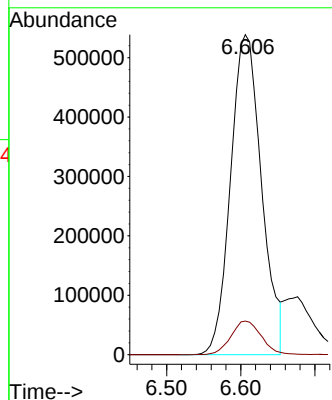
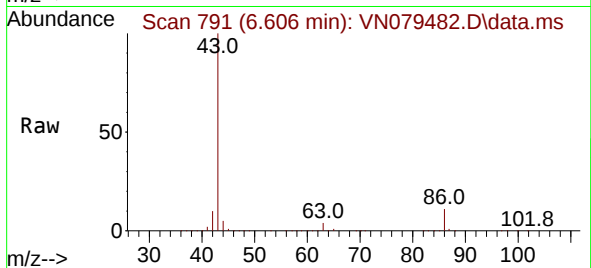
#23
 Vinyl Acetate
 Concen: 273.425 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079482.D
 Acq: 10 Oct 2023 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 156593
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

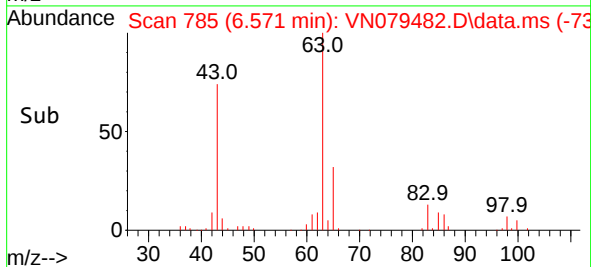
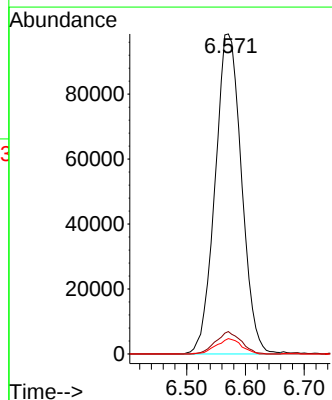
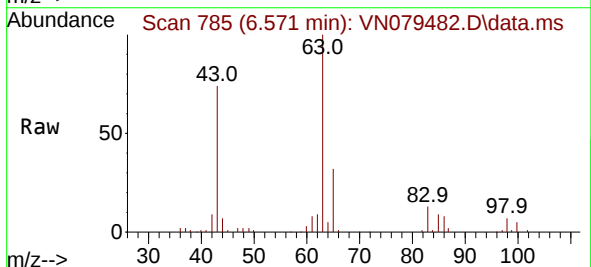
Manual Integrations
 APPROVED

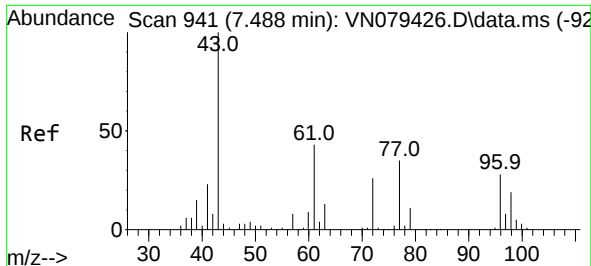
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#24
 1,1-Dichloroethane
 Concen: 49.371 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079482.D
 Acq: 10 Oct 2023 10:25

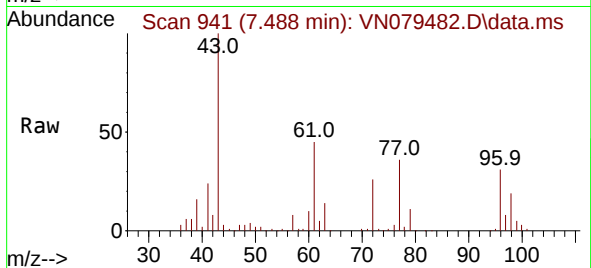
Tgt Ion: 63 Resp: 307639
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.8 2.5 7.4





#25
2-Butanone
Concen: 262.471 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

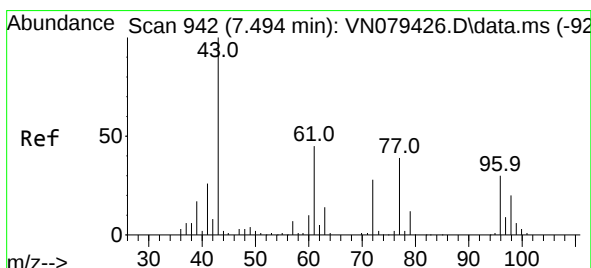
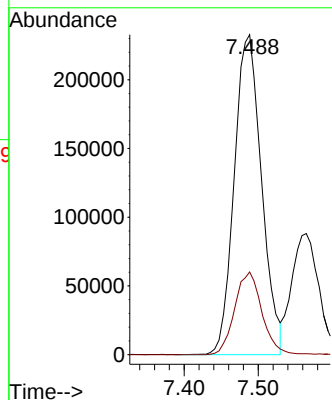
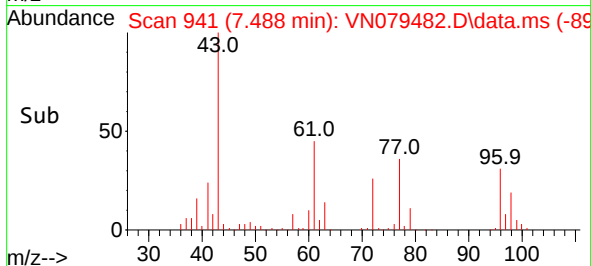
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



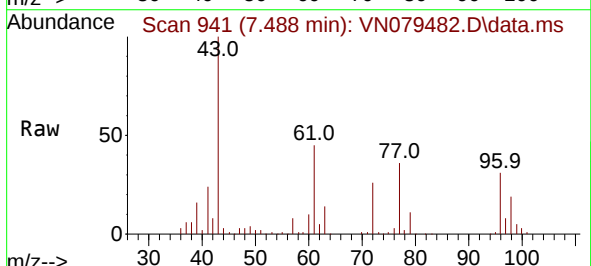
Tgt Ion: 43 Resp: 596617
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2

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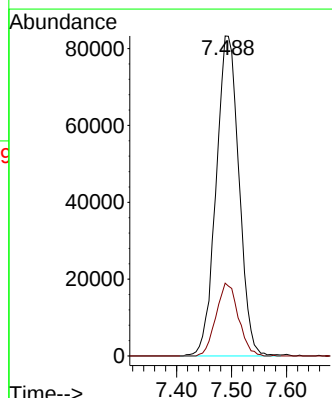
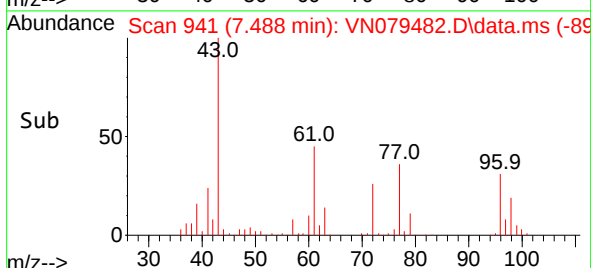
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

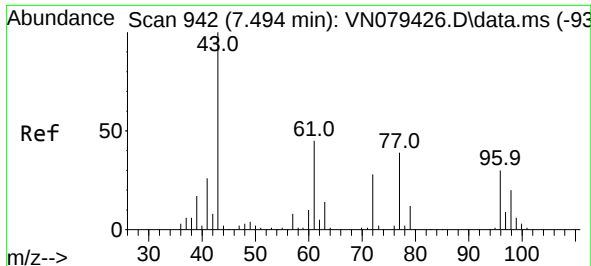


#26
2,2-Dichloropropane
Concen: 50.595 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



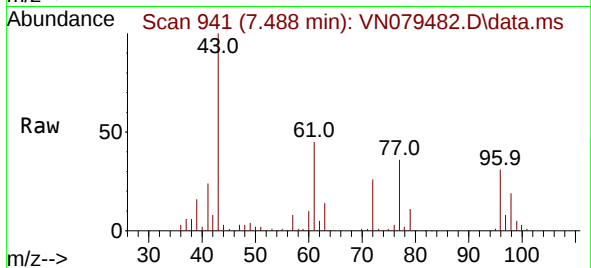
Tgt Ion: 77 Resp: 240936
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.229 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079482.D
 Acq: 10 Oct 2023 10:25

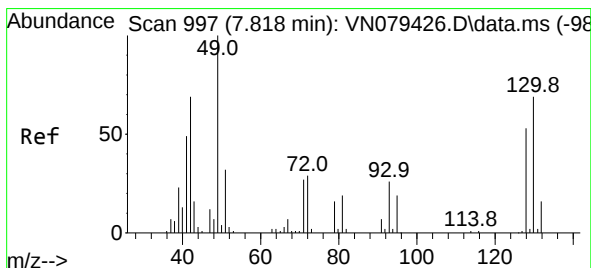
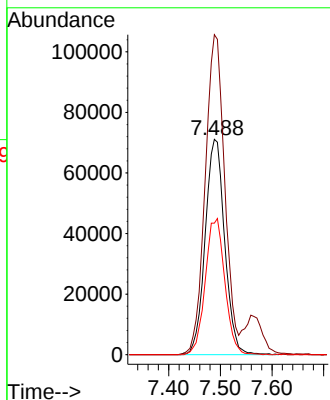
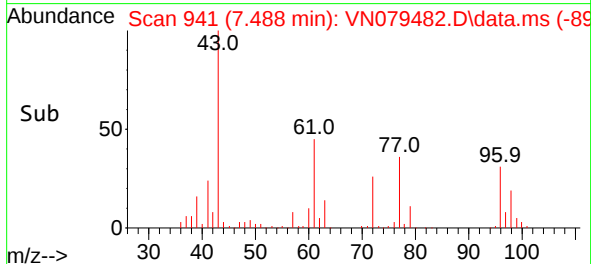
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 186462
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 255.2
 98 63.6 0.0 128.8

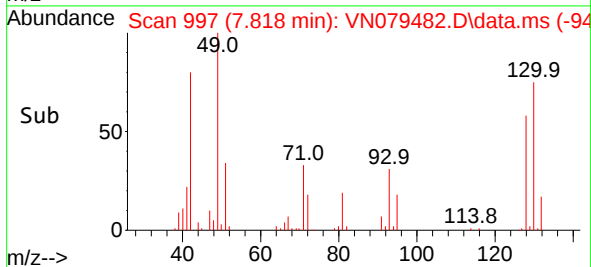
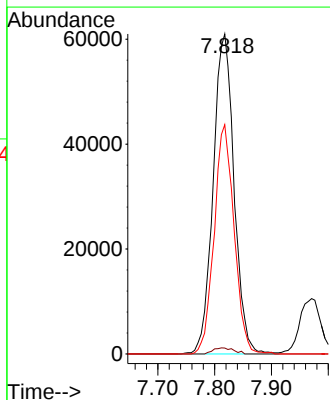
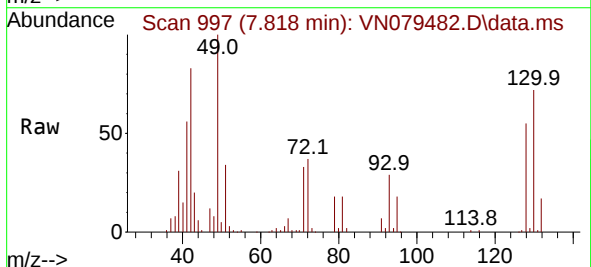
Manual Integrations
 APPROVED

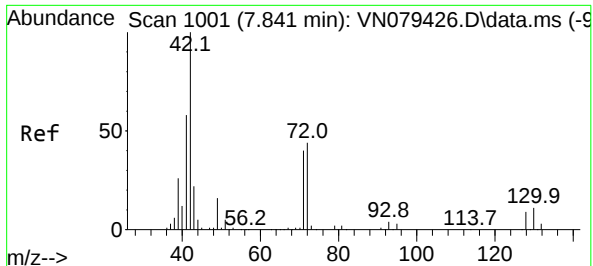
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#28
 Bromochloromethane
 Concen: 52.644 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079482.D
 Acq: 10 Oct 2023 10:25

Tgt Ion: 49 Resp: 156080
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 68.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 248.371 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 36513

Ion Ratio Lower Upper

42 100

72 43.2 49.8 74.6

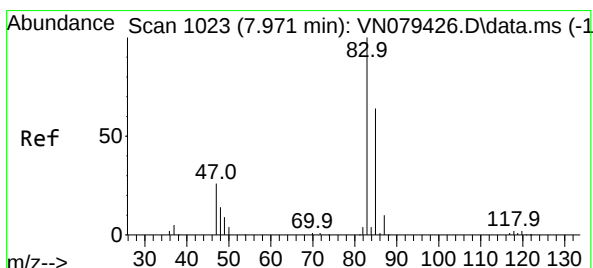
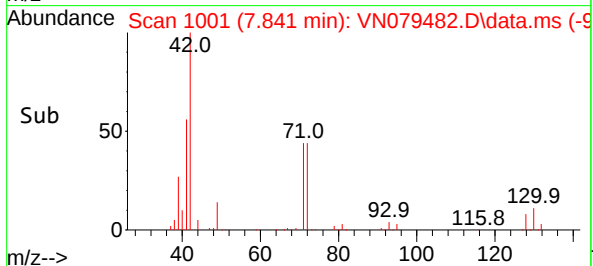
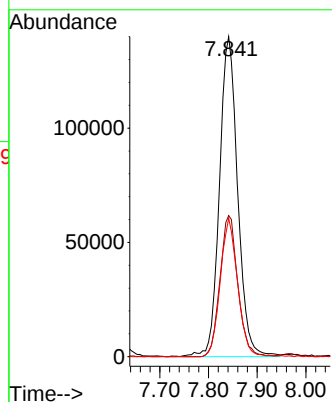
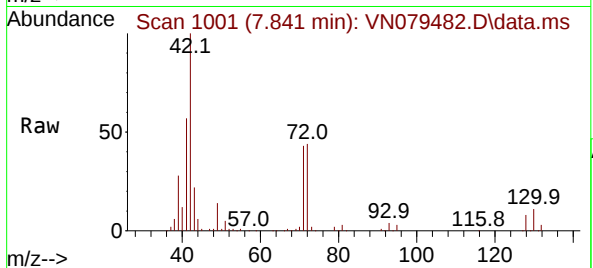
71 41.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#30

Chloroform

Concen: 50.419 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079482.D

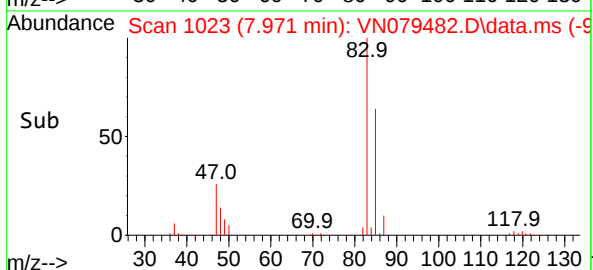
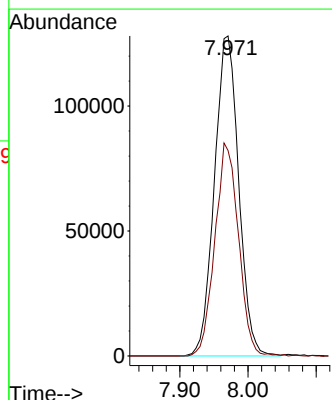
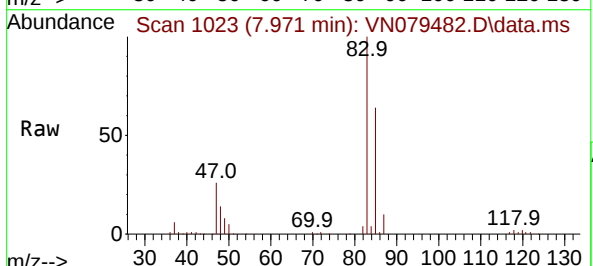
Acq: 10 Oct 2023 10:25

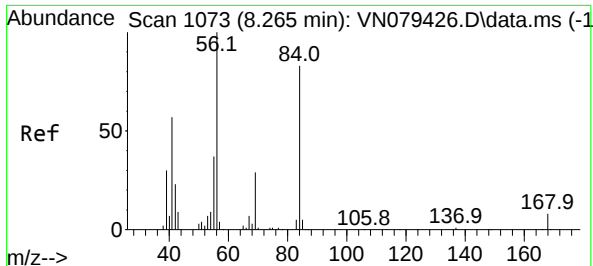
Tgt Ion: 83 Resp: 317432

Ion Ratio Lower Upper

83 100

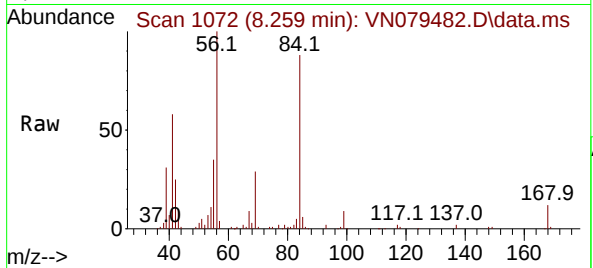
85 64.2 55.4 83.0





#31
Cyclohexane
Concen: 43.494 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

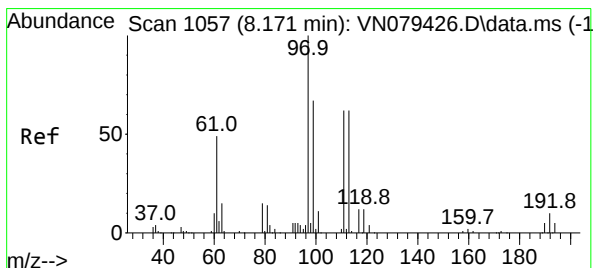
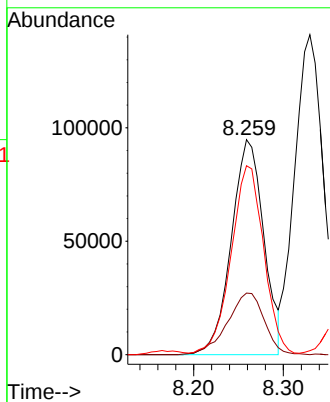
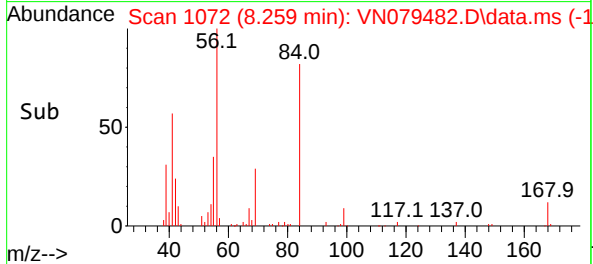
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



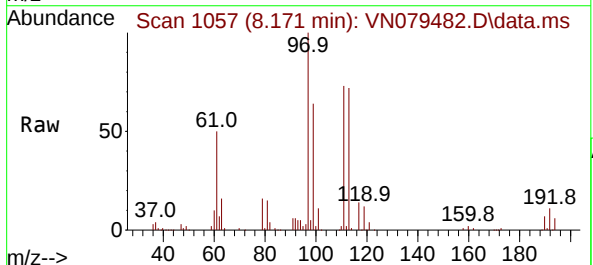
Tgt Ion: 56 Resp: 23822
Ion Ratio Lower Upper
56 100
69 28.7 26.8 40.2
84 86.4 81.8 122.6

Manual Integrations
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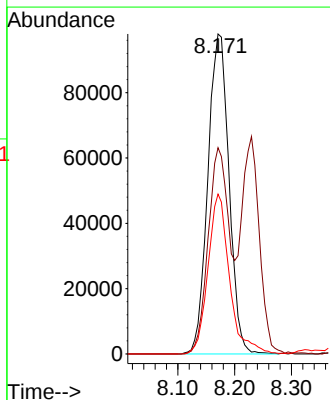
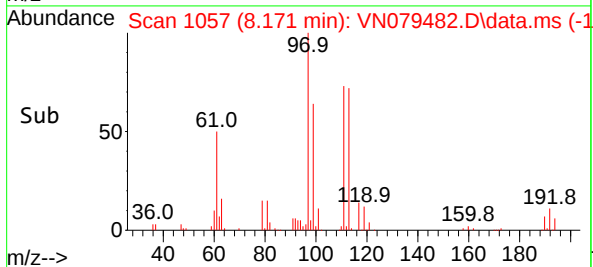
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

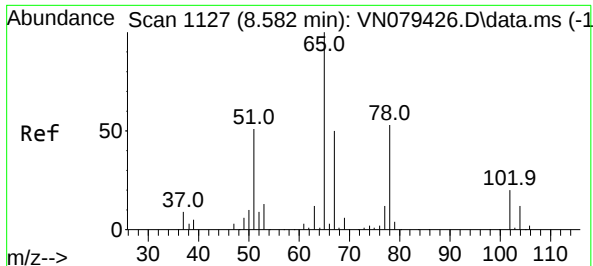


#32
1,1,1-Trichloroethane
Concen: 47.744 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



Tgt Ion: 97 Resp: 252962
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 50.8 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 56.565 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

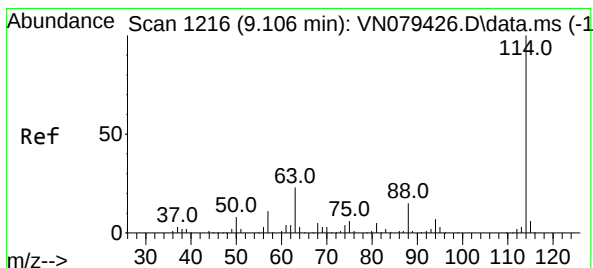
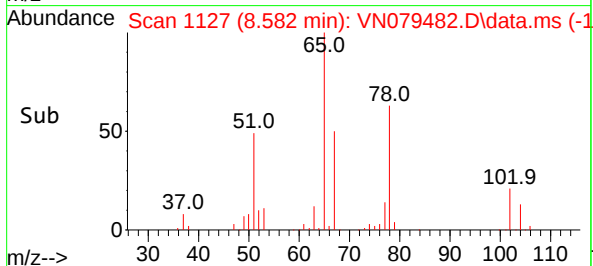
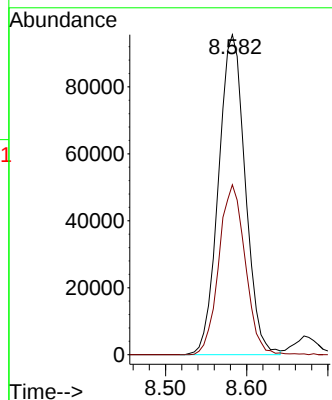
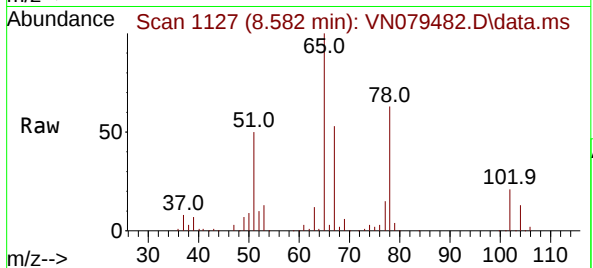
VSTDCCC050

Tgt Ion: 65 Resp: 21841
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

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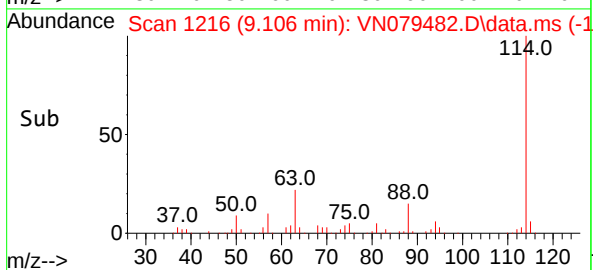
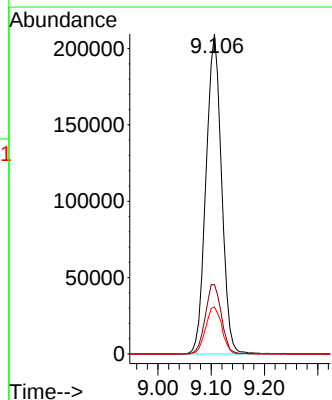
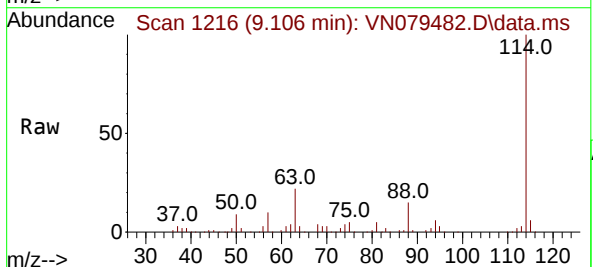
APPROVED

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

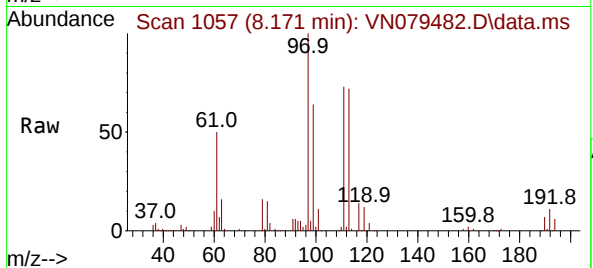
Tgt Ion:114 Resp: 423920
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.4
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.692 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

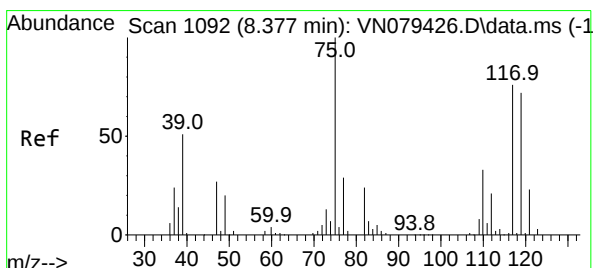
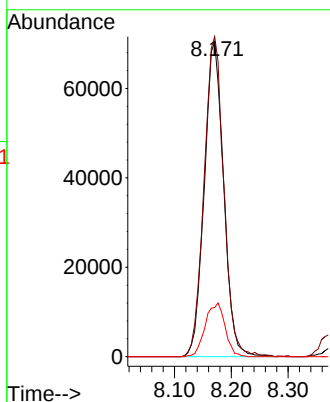
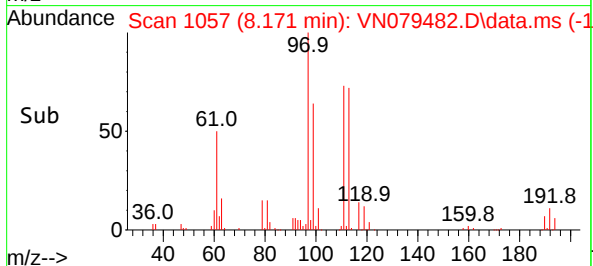
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



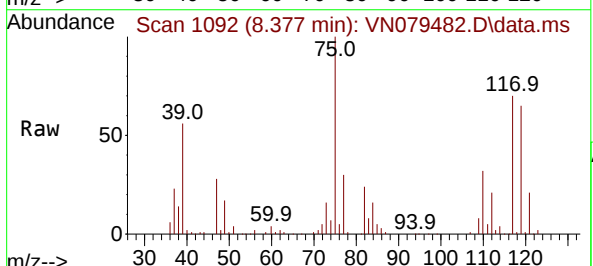
Tgt Ion: 113 Resp: 16661
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 17.4 12.7 19.1

Manual Integrations
APPROVED

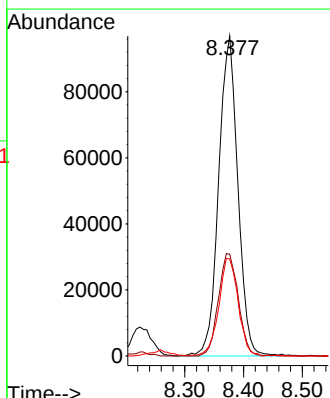
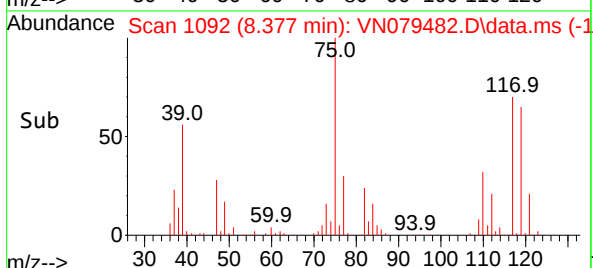
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

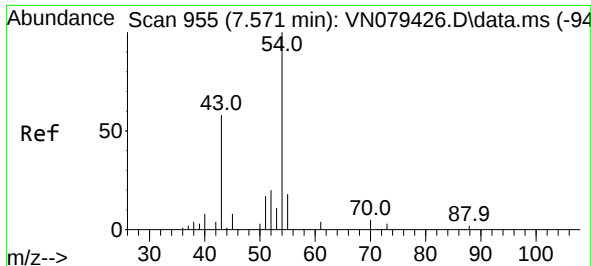


#36
1,1-Dichloropropene
Concen: 47.910 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



Tgt Ion: 75 Resp: 219057
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 51.293 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 23336

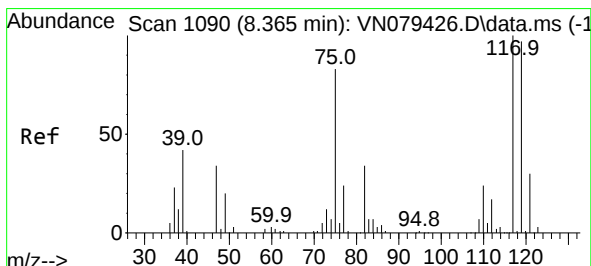
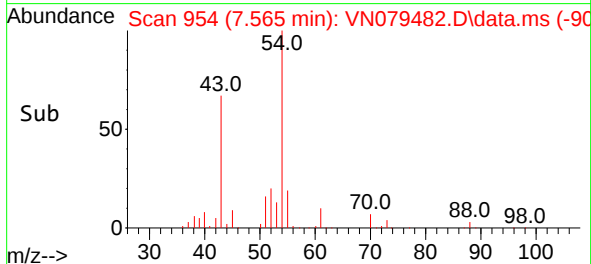
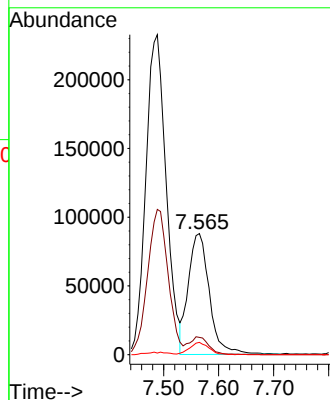
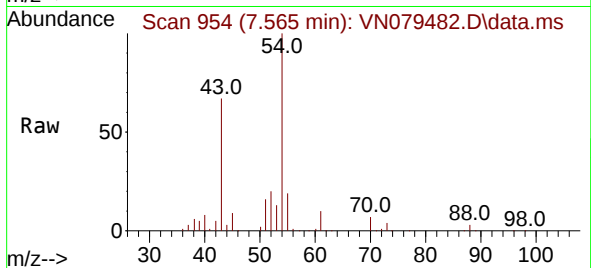
Ion	Ratio	Lower	Upper
43	100		
61	12.4	13.2	19.8
70	9.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#38

Carbon Tetrachloride

Concen: 48.212 ug/l

RT: 8.365 min Scan# 1090

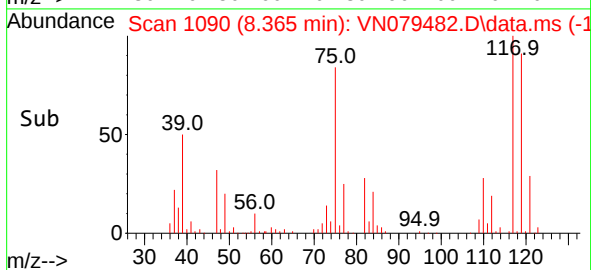
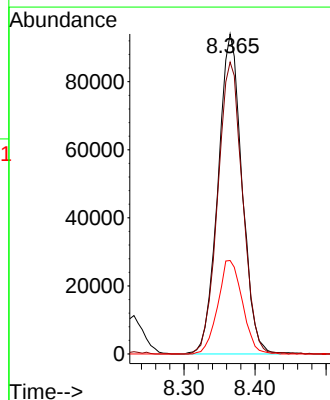
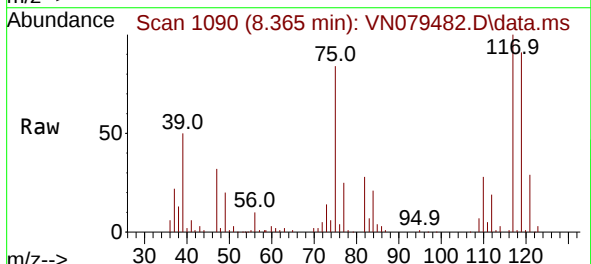
Delta R.T. -0.000 min

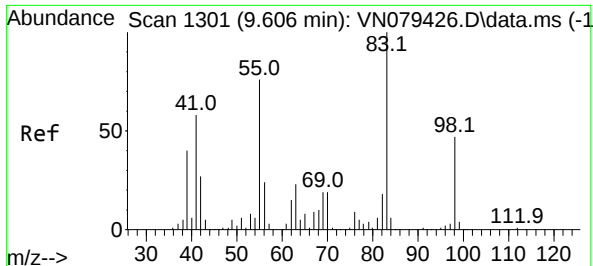
Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Tgt Ion:117 Resp: 220684

Ion	Ratio	Lower	Upper
117	100		
119	91.2	77.3	115.9
121	29.2	23.3	34.9





#39

Methylcyclohexane

Concen: 49.099 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

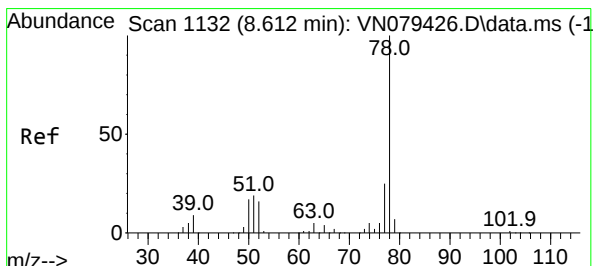
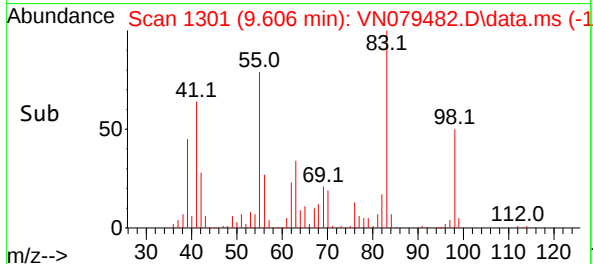
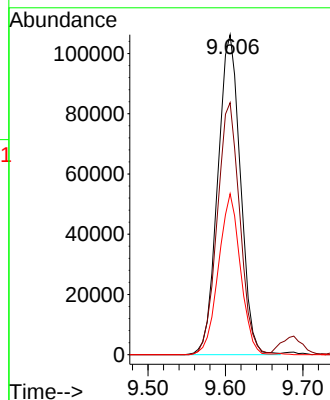
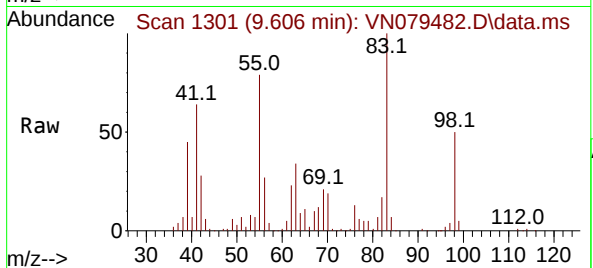
Tgt Ion: 83 Resp: 215685
 Ion Ratio Lower Upper
 83 100
 55 78.8 49.1 73.7
 98 50.3 40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#40

Benzene

Concen: 51.064 ug/l

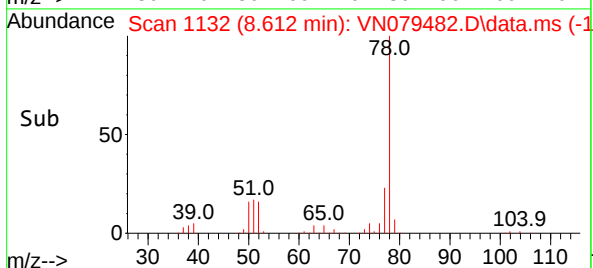
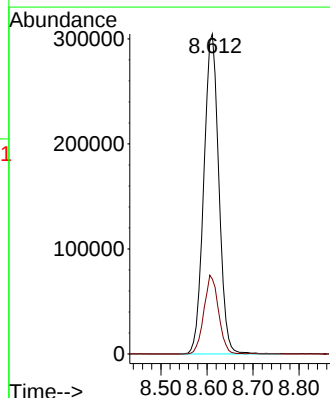
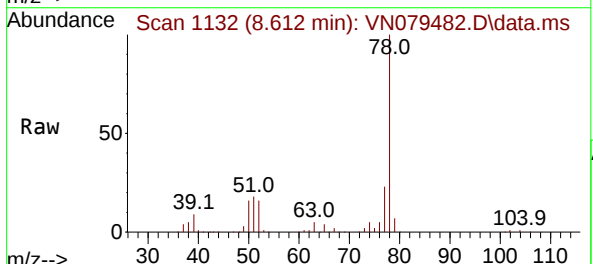
RT: 8.612 min Scan# 1132

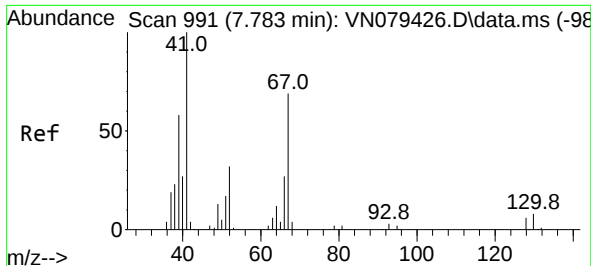
Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

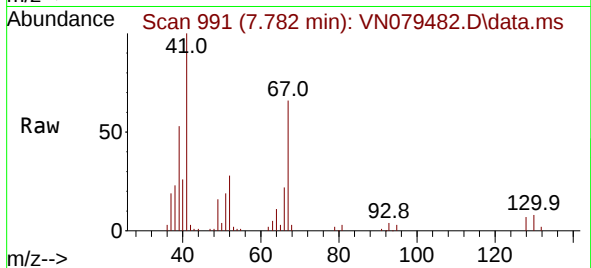
Tgt Ion: 78 Resp: 693398
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 50.819 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

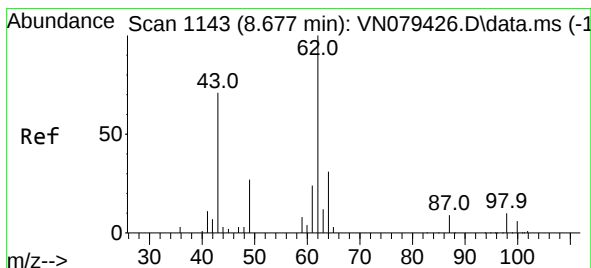
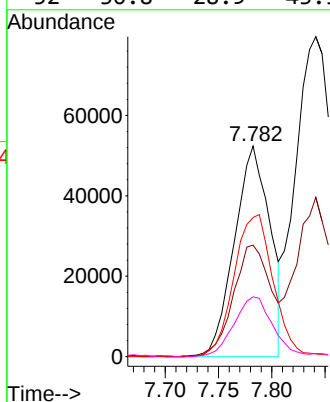
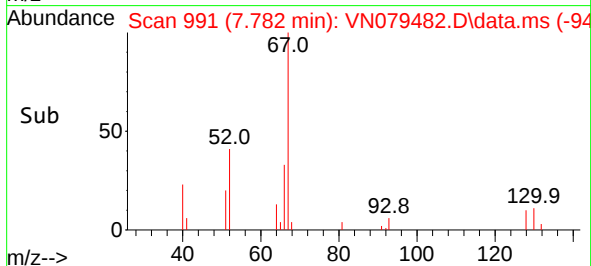
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



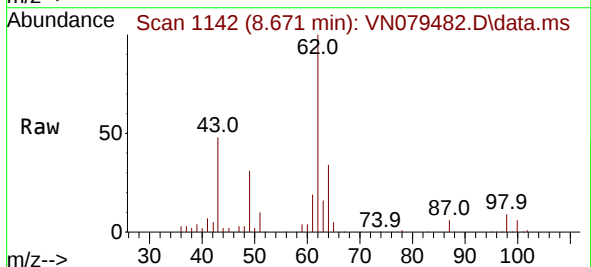
Tgt Ion: 41 Resp: 12155
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 75.3 77.5 116.3
52 30.8 28.9 43.3

Manual Integrations
APPROVED

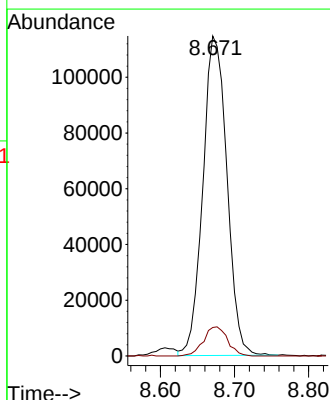
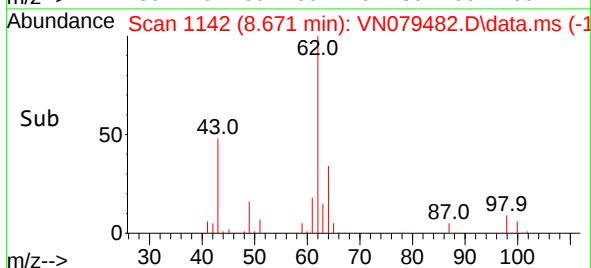
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

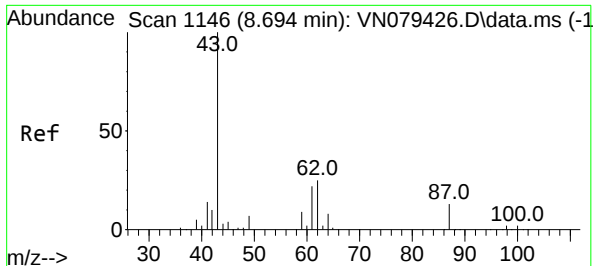


#42
1,2-Dichloroethane
Concen: 52.439 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



Tgt Ion: 62 Resp: 258738
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 48.757 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

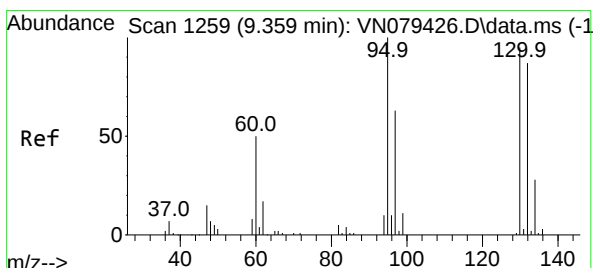
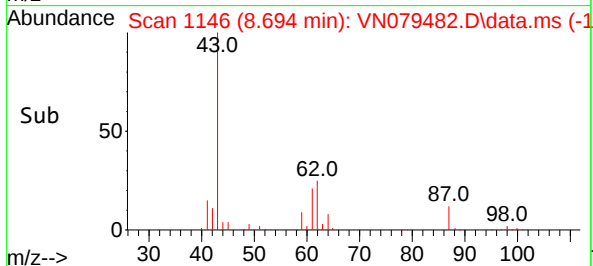
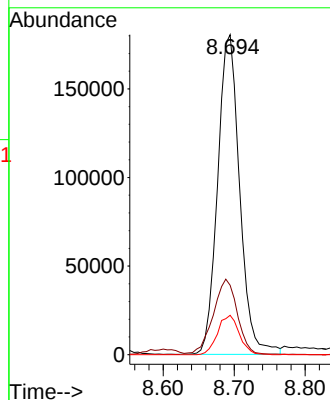
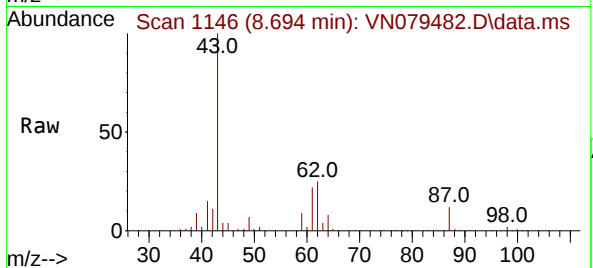
Tgt Ion: 43 Resp: 388630
 Ion Ratio Lower Upper
 43 100
 61 26.2 24.7 37.1
 87 12.1 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#44

Trichloroethene

Concen: 48.361 ug/l

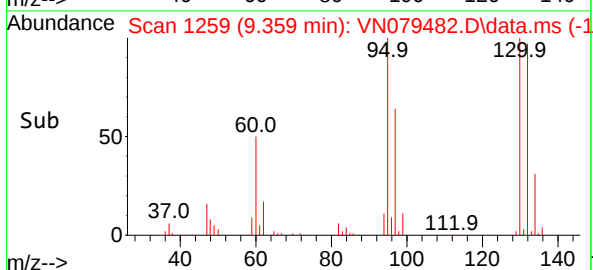
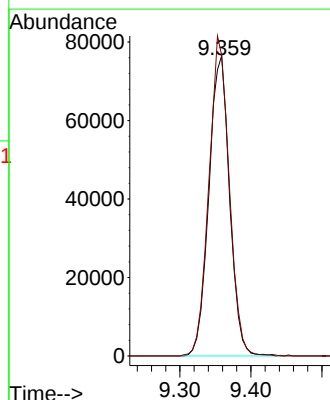
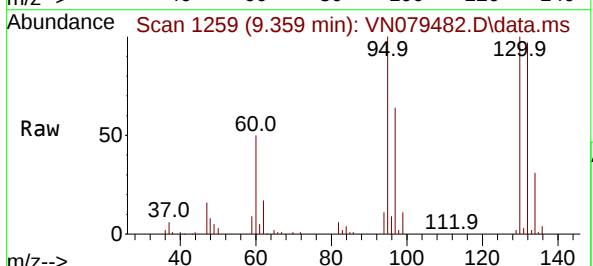
RT: 9.359 min Scan# 1259

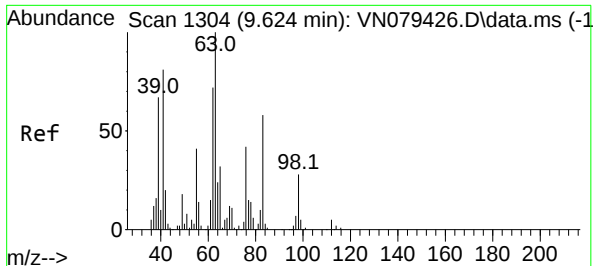
Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Tgt Ion:130 Resp: 154563
 Ion Ratio Lower Upper
 130 100
 95 100.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.588 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18814

Ion Ratio Lower Upper

63 100

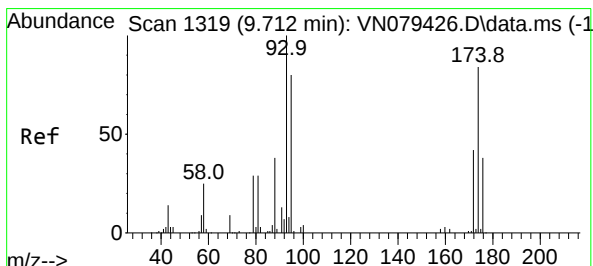
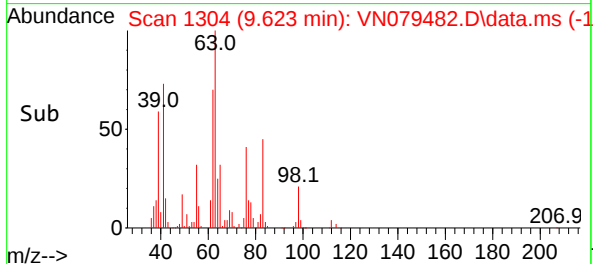
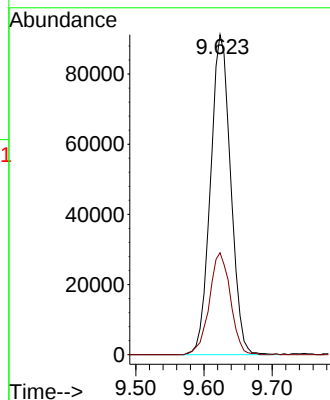
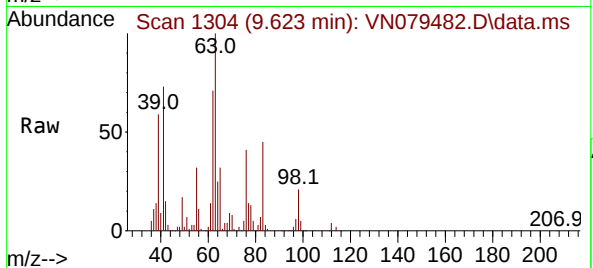
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#46

Dibromomethane

Concen: 54.578 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

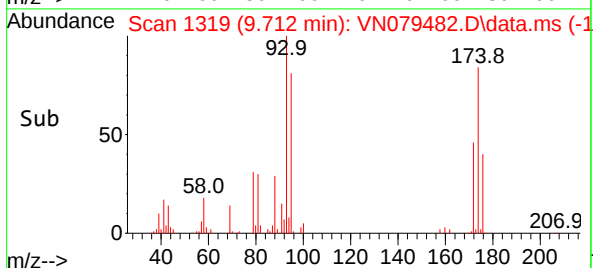
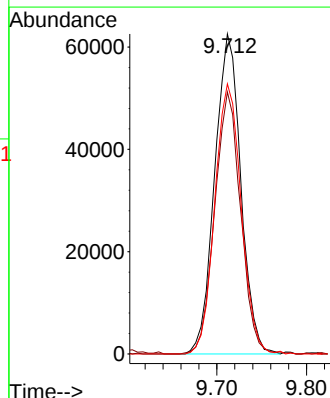
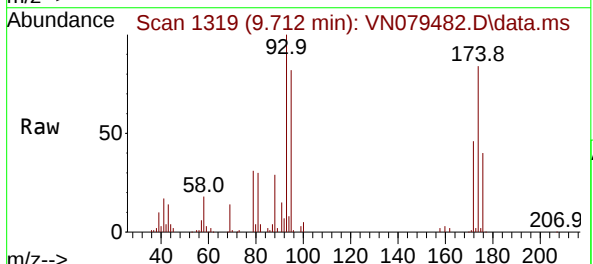
Tgt Ion: 93 Resp: 126466

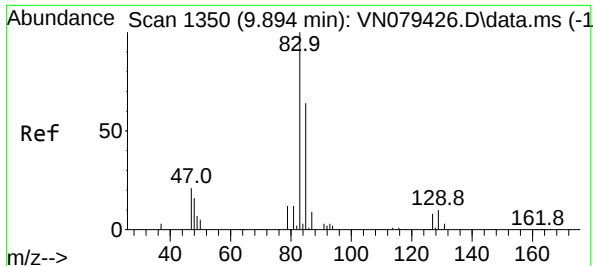
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

174 85.4 65.6 98.4





#47

Bromodichloromethane

Concen: 53.506 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 25503

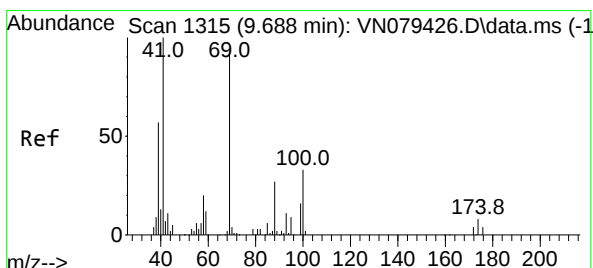
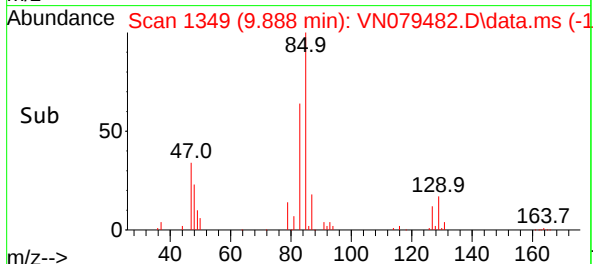
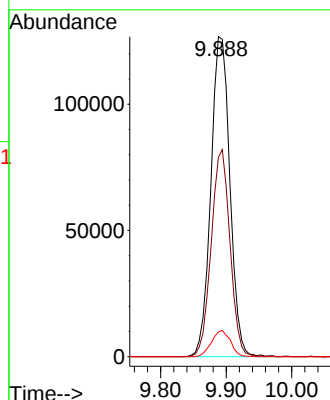
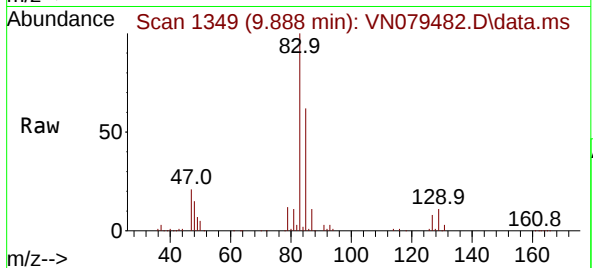
Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.6	74.4
127	7.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#48

Methyl methacrylate

Concen: 51.409 ug/l

RT: 9.682 min Scan# 1314

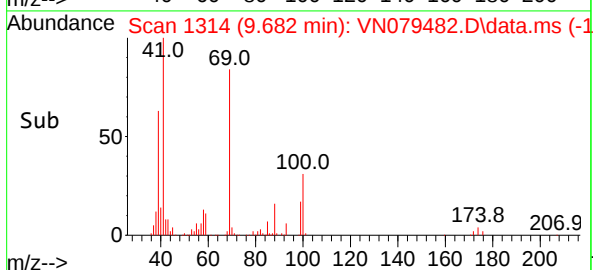
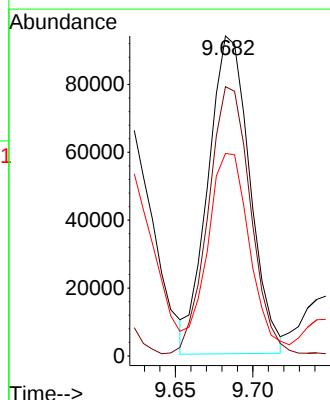
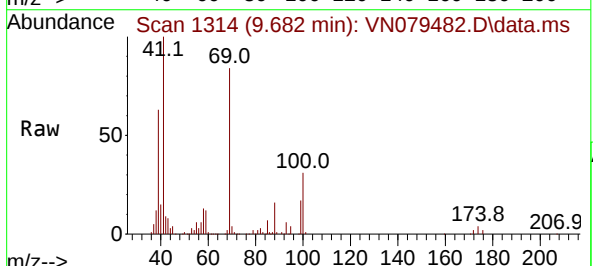
Delta R.T. -0.006 min

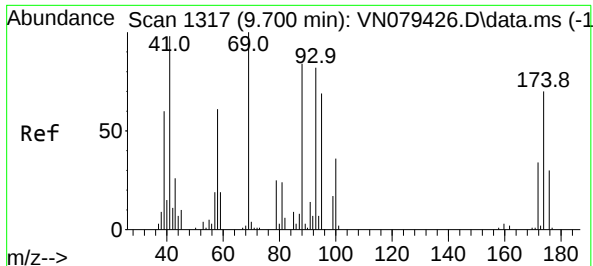
Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Tgt Ion: 41 Resp: 175593

Ion	Ratio	Lower	Upper
41	100		
69	87.4	90.4	135.6
39	65.2	54.6	81.8





#49

1,4-Dioxane

Concen: 1032.845 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 64980

Ion Ratio Lower Upper

88 100

43 27.4 17.0 25.6

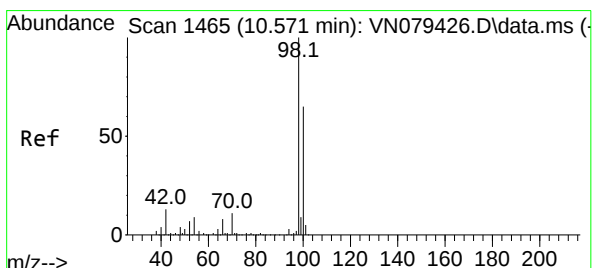
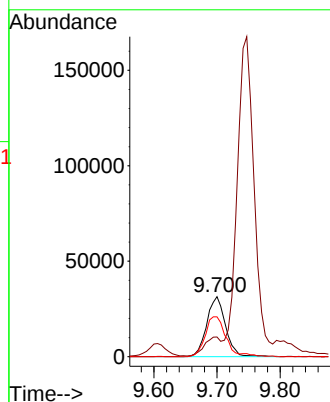
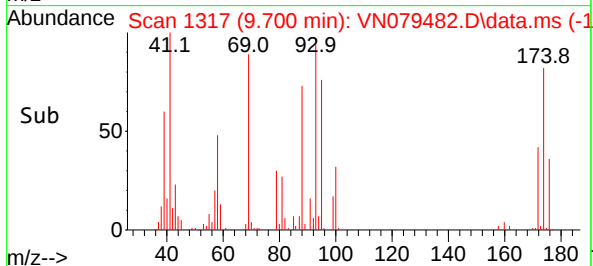
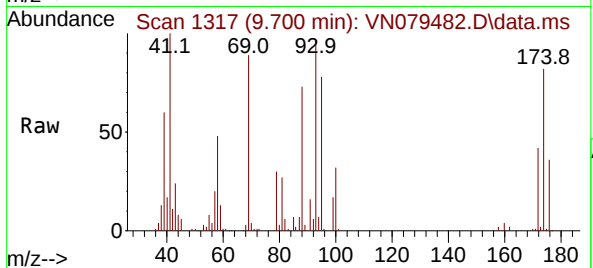
58 73.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#50

Toluene-d8

Concen: 54.979 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079482.D

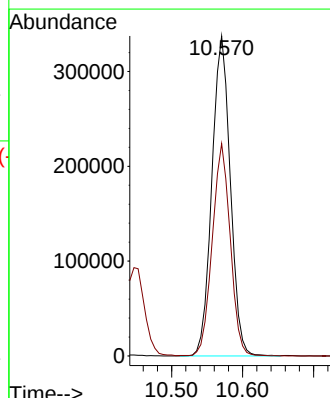
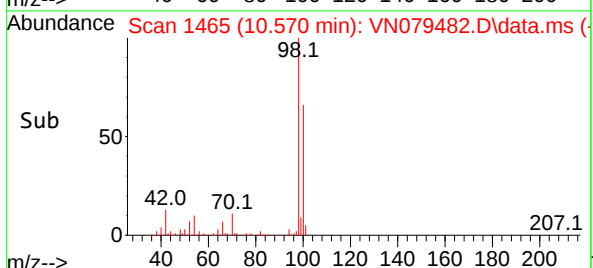
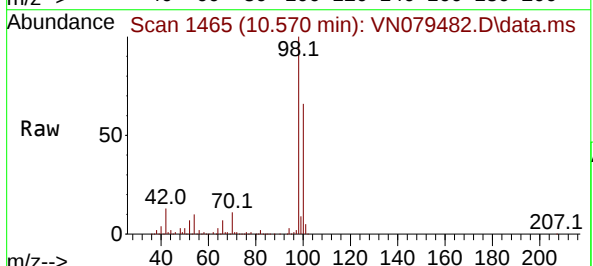
Acq: 10 Oct 2023 10:25

Tgt Ion: 98 Resp: 606030

Ion Ratio Lower Upper

98 100

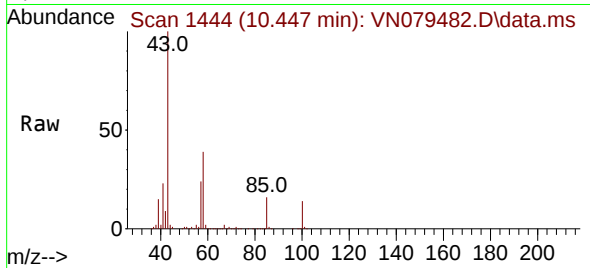
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 259.882 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

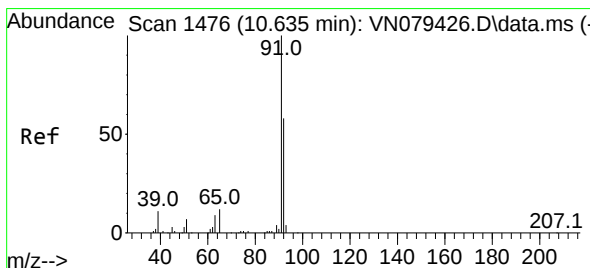
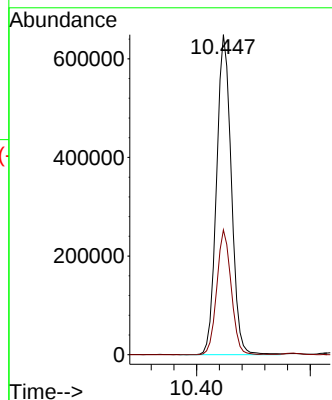
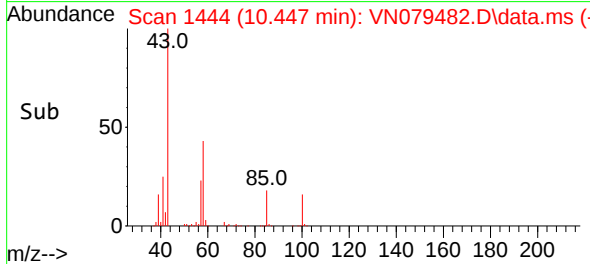
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1169320
Ion Ratio Lower Upper
43 100
58 37.9 36.6 54.8

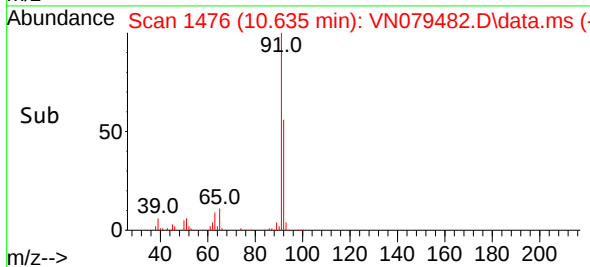
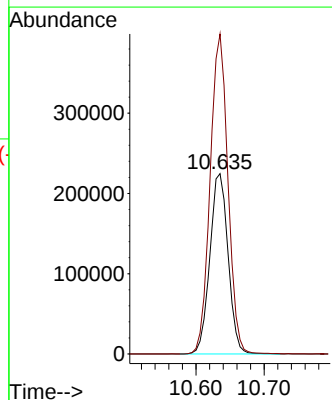
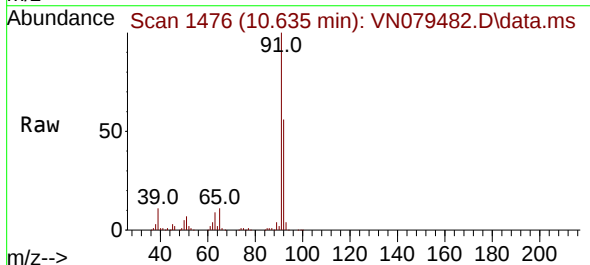
Manual Integrations
APPROVED

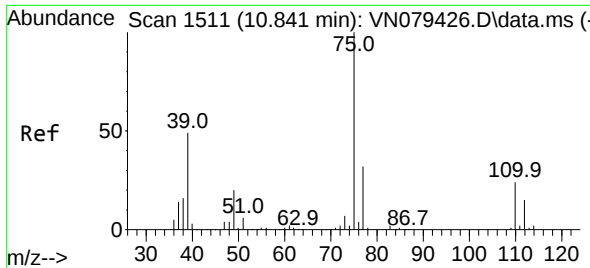
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#52
Toluene
Concen: 52.289 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

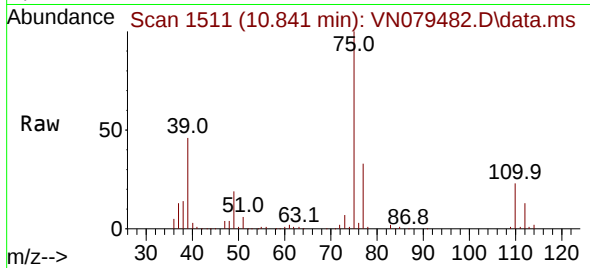
Tgt Ion: 92 Resp: 417944
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 57.005 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

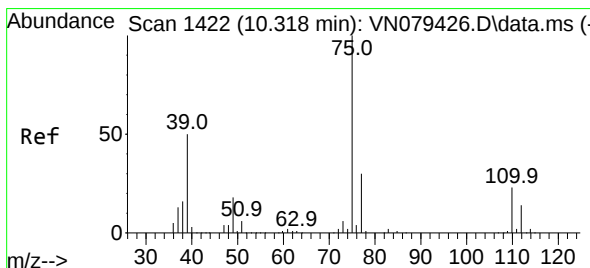
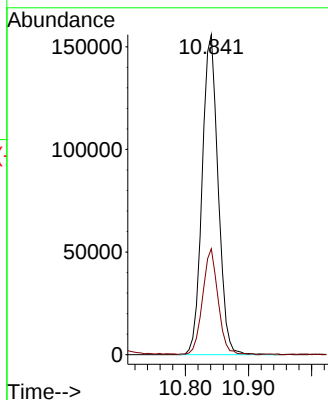
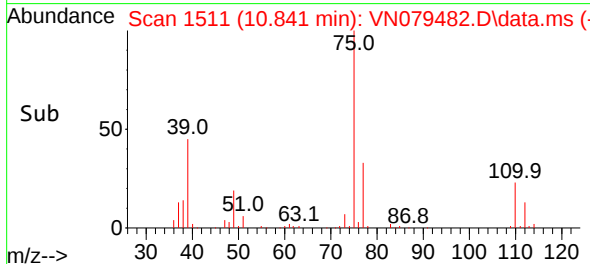
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 273815
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

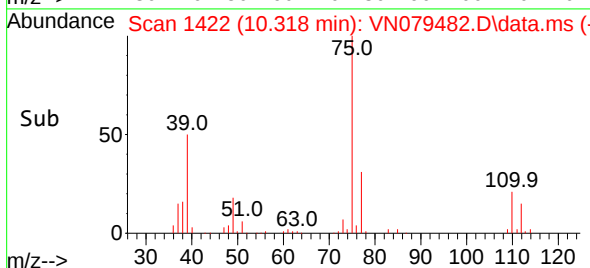
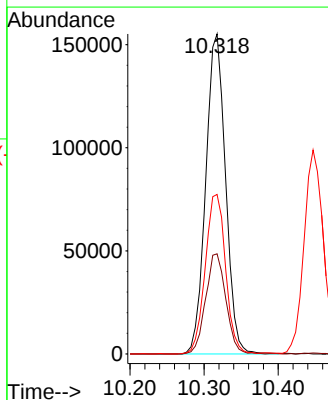
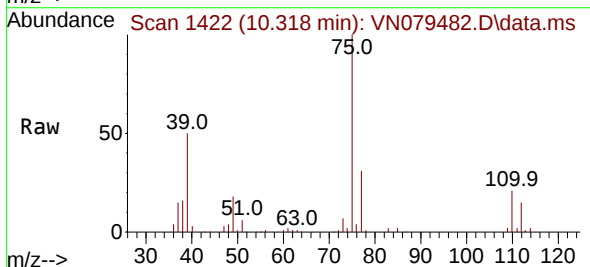
Manual Integrations
APPROVED

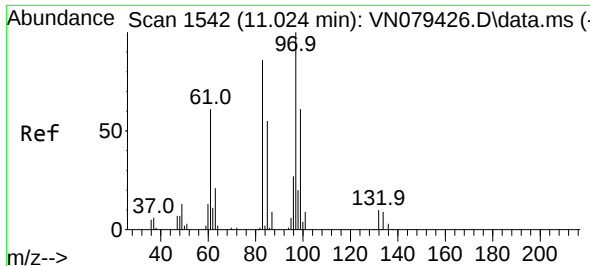
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#54
cis-1,3-Dichloropropene
Concen: 54.738 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

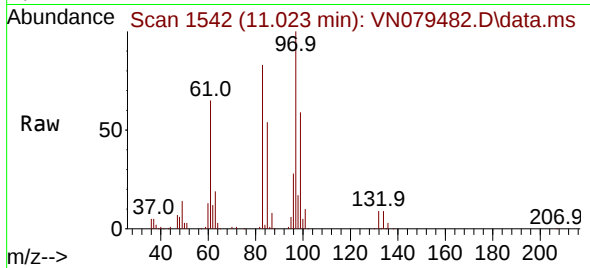
Tgt Ion: 75 Resp: 287823
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 49.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 53.649 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

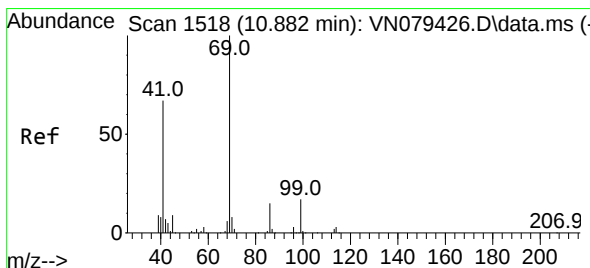
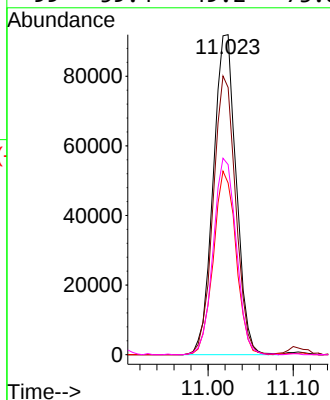
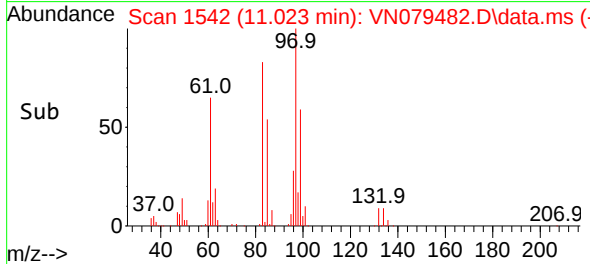
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



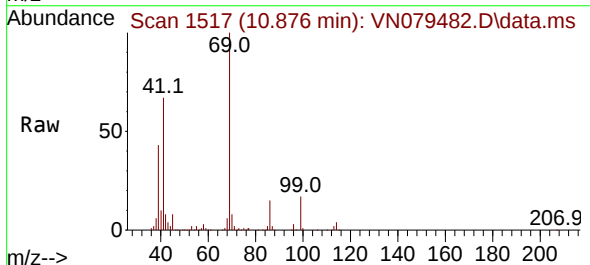
Tgt Ion: 97 Resp: 17215
Ion Ratio Lower Upper
97 100
83 83.5 65.1 97.7
85 53.7 43.4 65.2
99 59.4 49.2 73.8

Manual Integrations
APPROVED

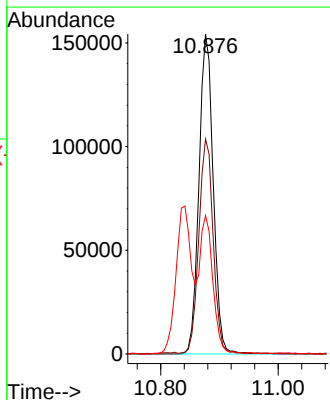
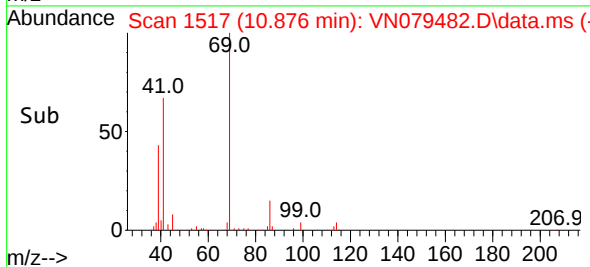
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#56
Ethyl methacrylate
Concen: 58.696 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



Tgt Ion: 69 Resp: 258818
Ion Ratio Lower Upper
69 100
41 67.2 39.6 59.4#
39 40.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 54.912 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 30426

Ion Ratio Lower Upper

76 100

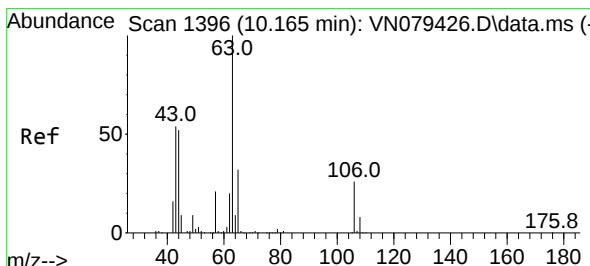
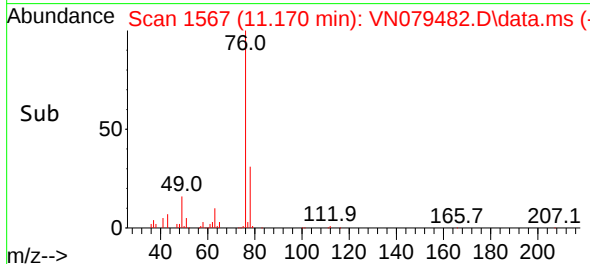
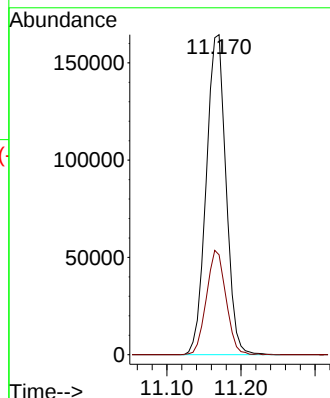
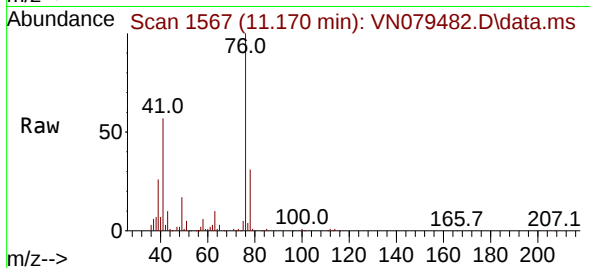
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 294.503 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079482.D

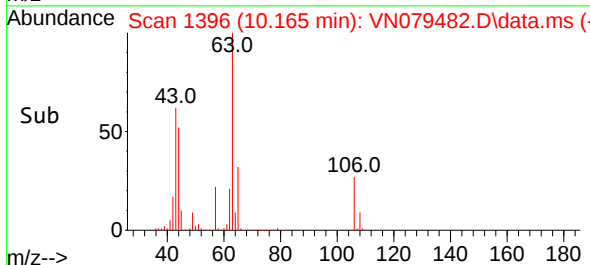
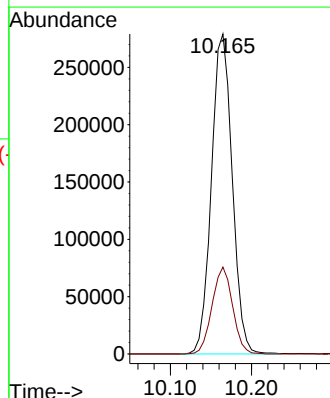
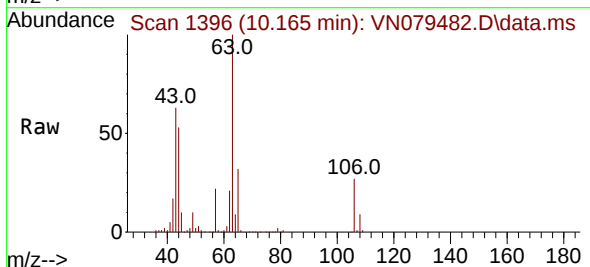
Acq: 10 Oct 2023 10:25

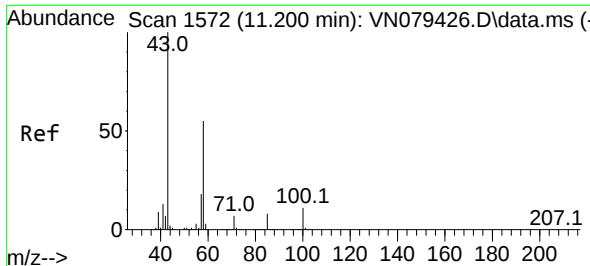
Tgt Ion: 63 Resp: 497322

Ion Ratio Lower Upper

63 100

106 26.7 26.2 39.4





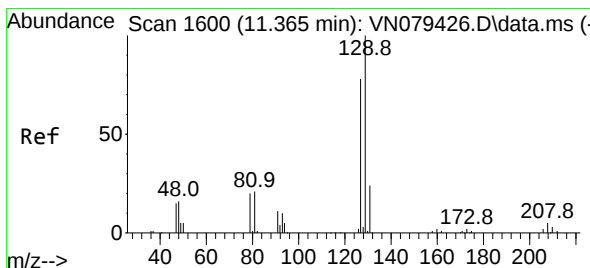
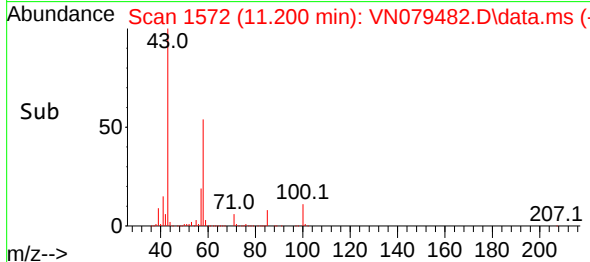
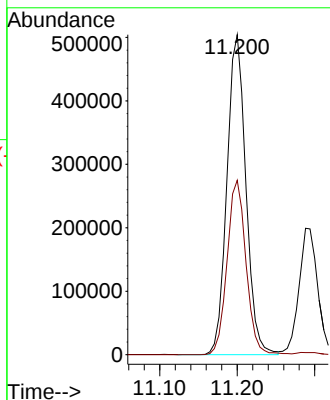
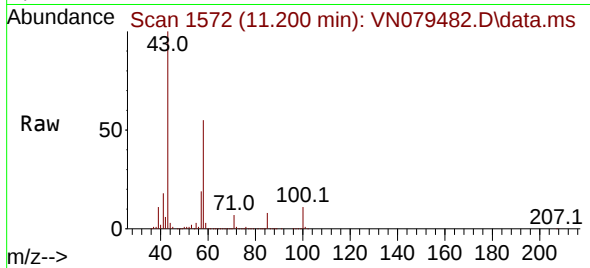
#59
2-Hexanone
Concen: 264.667 ug/l
RT: 11.200 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 859330
Ion Ratio Lower Upper
43 100
58 54.4 31.7 95.1

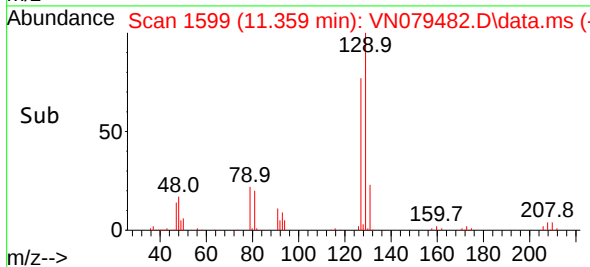
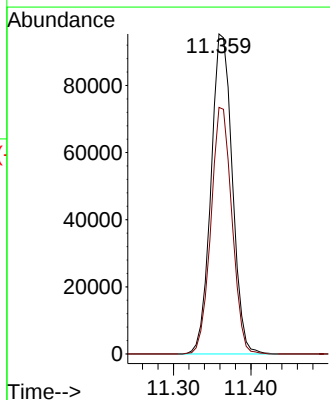
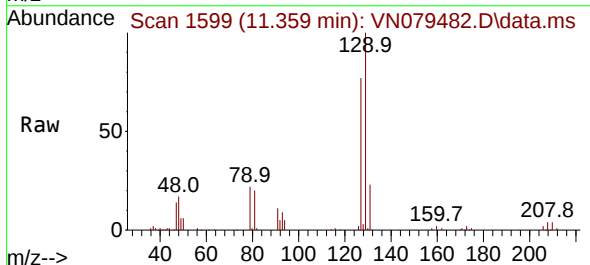
Manual Integrations
APPROVED

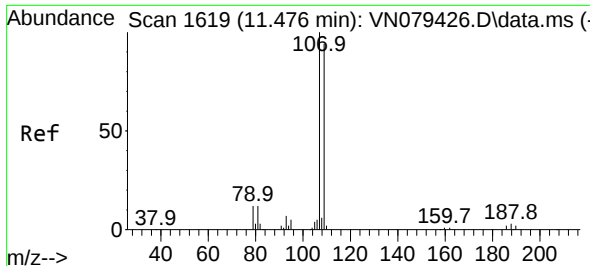
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#60
Dibromochloromethane
Concen: 56.448 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

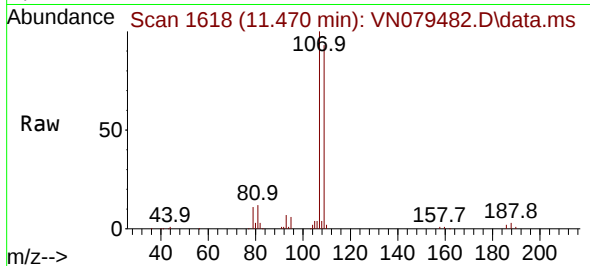
Tgt Ion:129 Resp: 182049
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.364 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

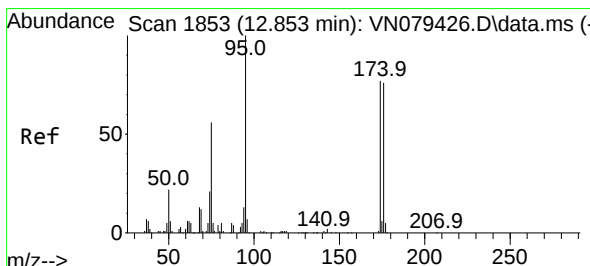
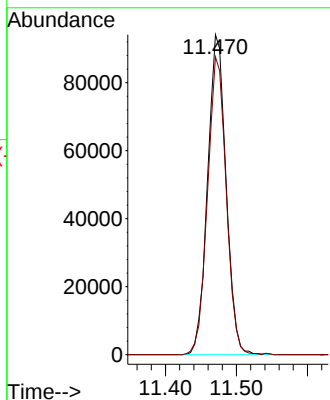
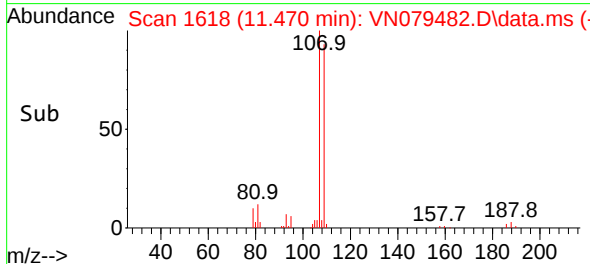
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 169940
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8

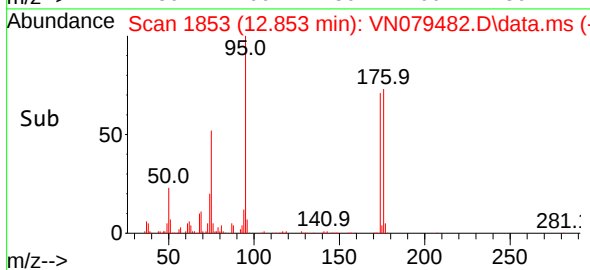
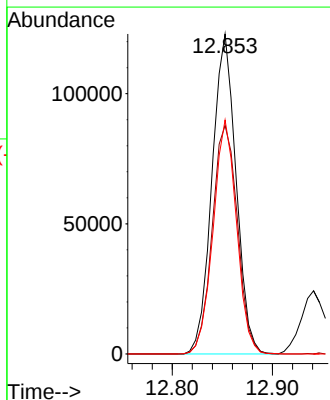
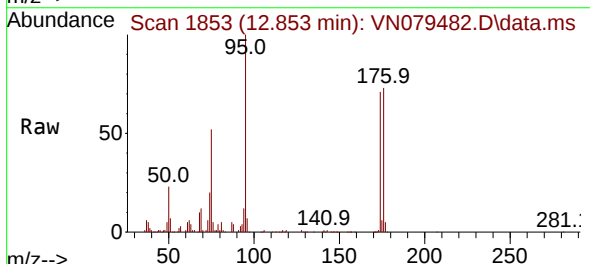
Manual Integrations
APPROVED

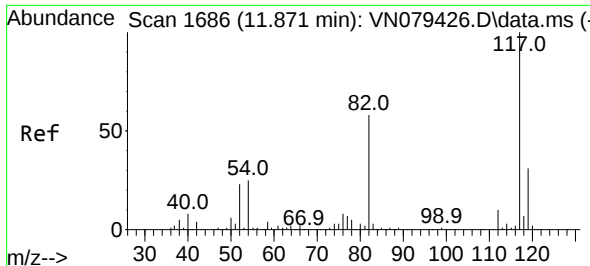
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#62
4-Bromofluorobenzene
Concen: 57.816 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

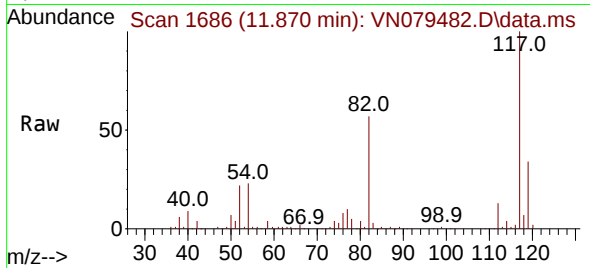
Tgt Ion: 95 Resp: 204522
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

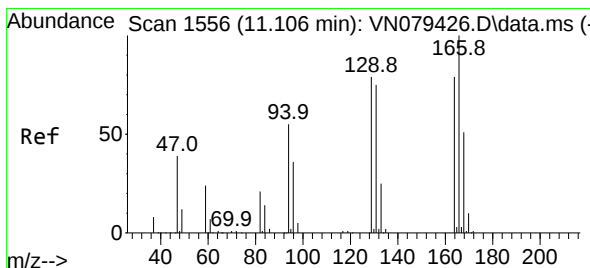
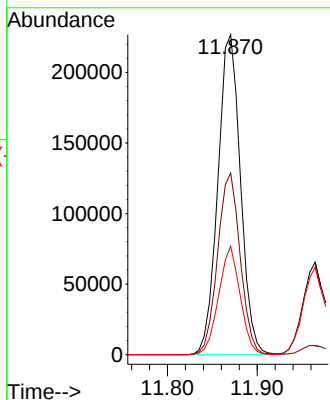
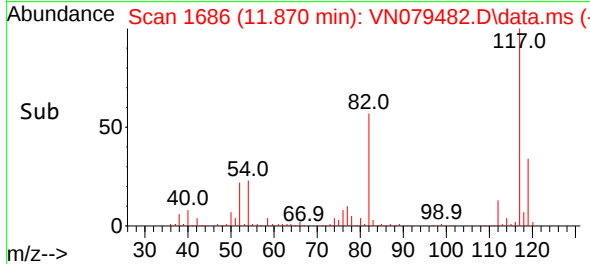
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 39724
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 33.9 25.6 38.4

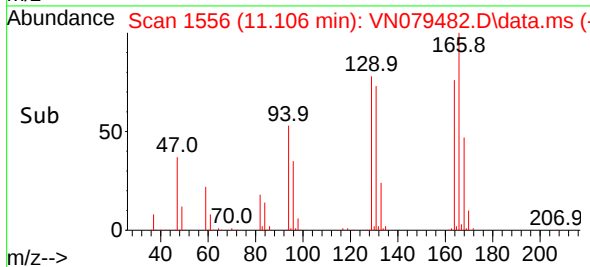
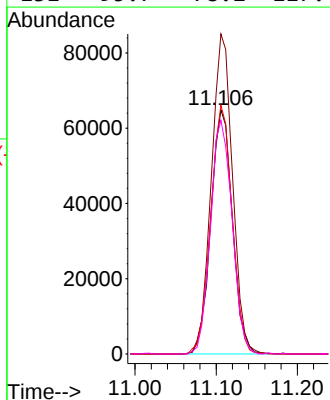
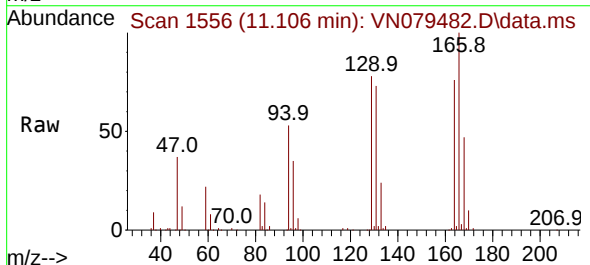
Manual Integrations
APPROVED

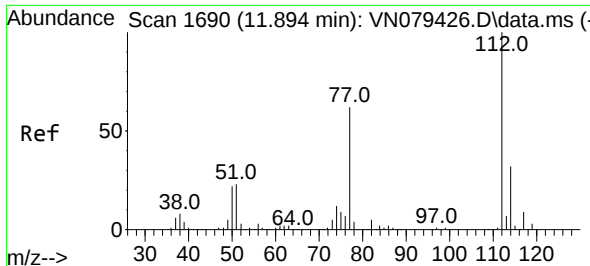
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#64
Tetrachloroethene
Concen: 43.787 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

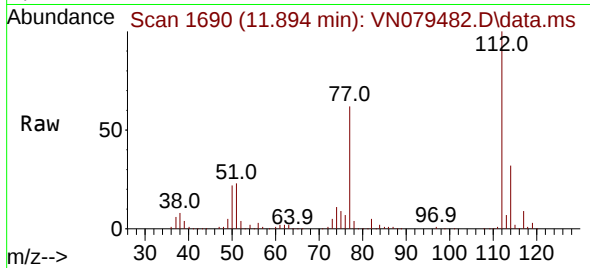
Tgt Ion:164 Resp: 119656
Ion Ratio Lower Upper
164 100
166 131.2 101.4 152.0
129 101.9 82.4 123.6
131 95.7 78.2 117.4





#65
Chlorobenzene
Concen: 49.370 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

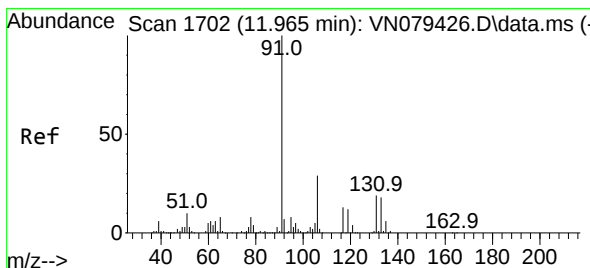
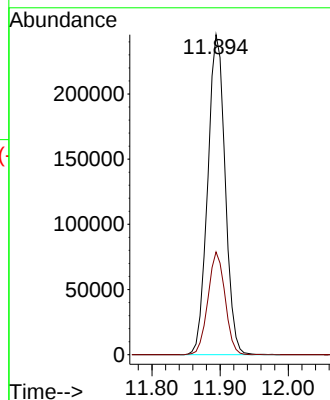
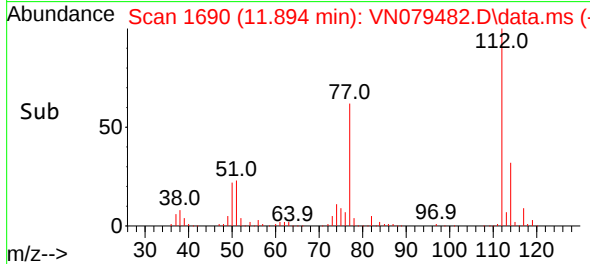
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



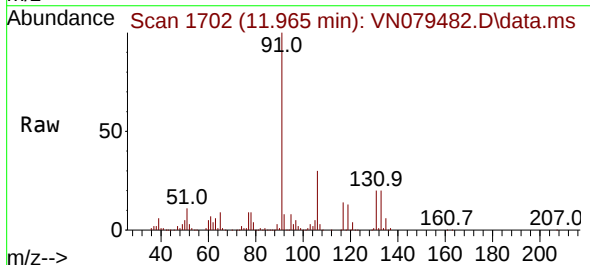
Tgt Ion:112 Resp: 436758
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

Manual Integrations
APPROVED

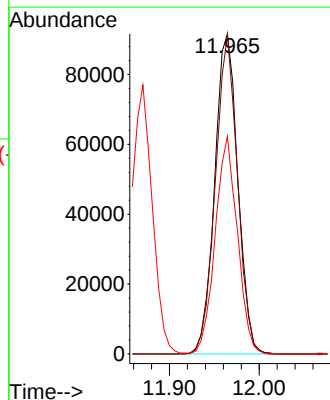
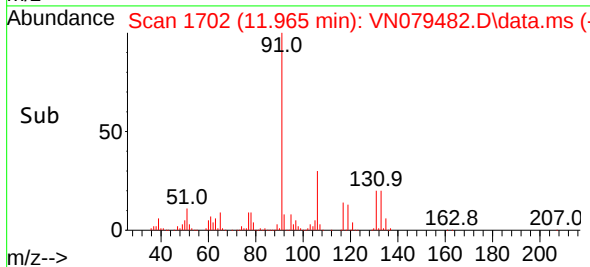
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.501 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



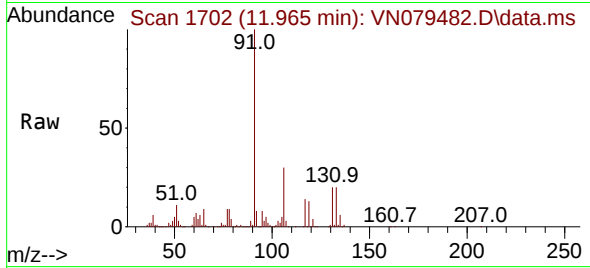
Tgt Ion:131 Resp: 163581
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 65.3 34.1 102.2





#67
Ethyl Benzene
Concen: 50.526 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

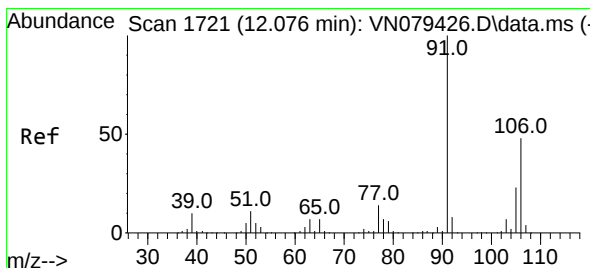
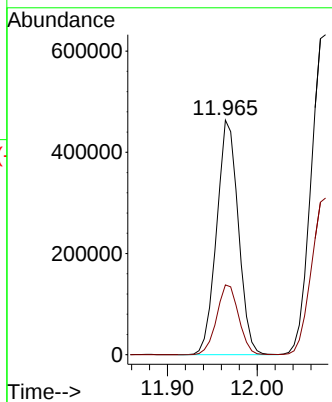
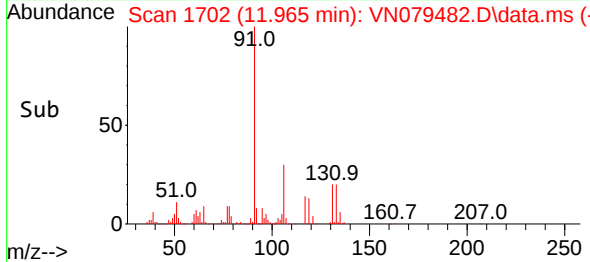
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



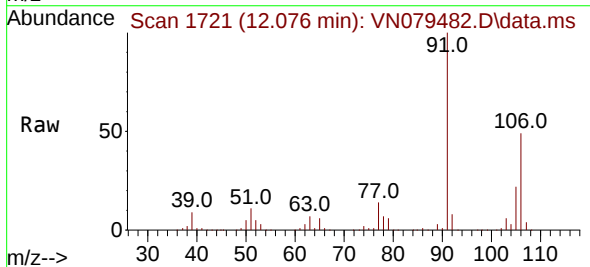
Tgt Ion: 91 Resp: 776907
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

Manual Integrations
APPROVED

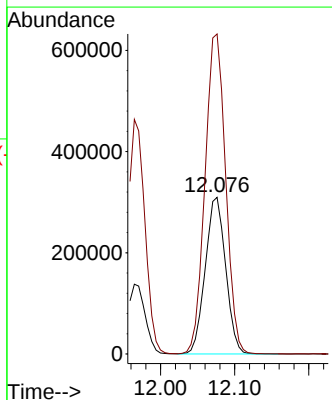
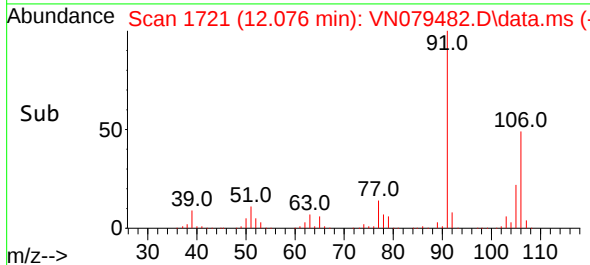
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

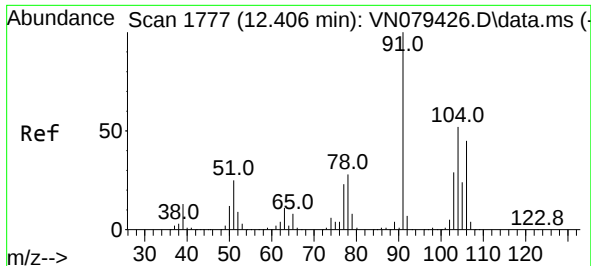


#68
m/p-Xylenes
Concen: 105.970 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



Tgt Ion:106 Resp: 592049
Ion Ratio Lower Upper
106 100
91 206.6 159.6 239.4





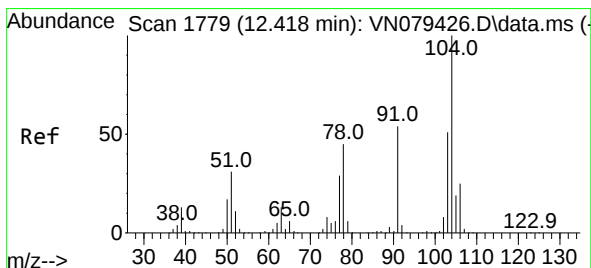
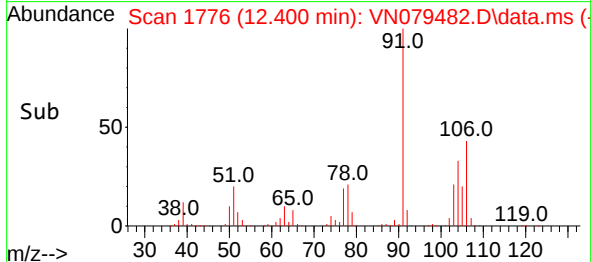
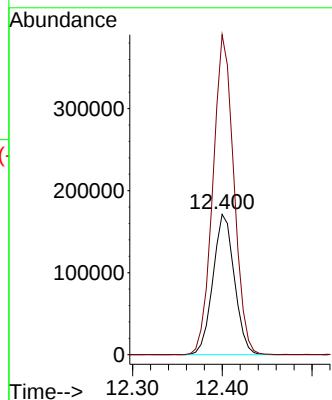
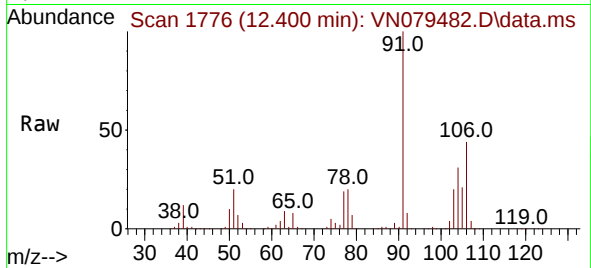
#69
o-Xylene
Concen: 51.647 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 283774
Ion Ratio Lower Upper
106 100
91 223.2 105.2 315.5

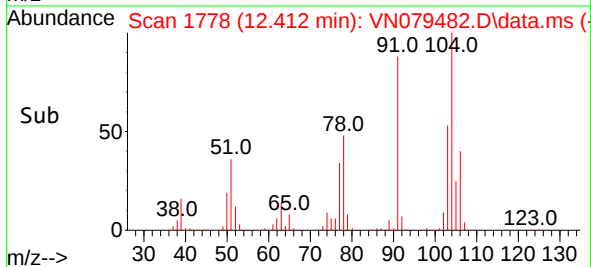
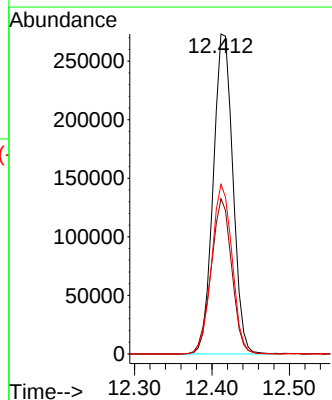
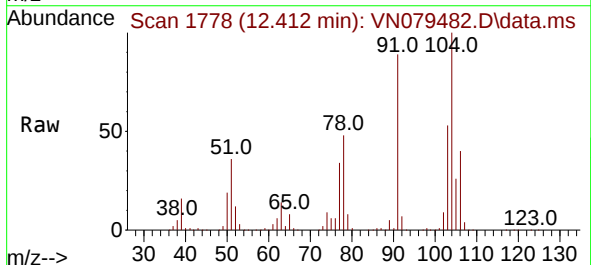
Manual Integrations
APPROVED

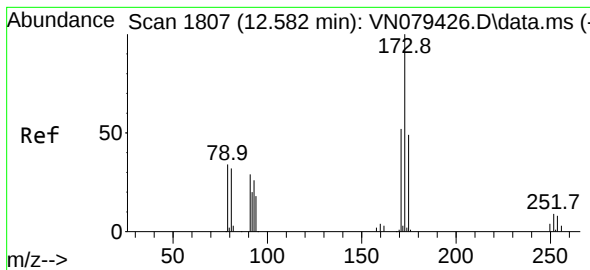
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#70
Styrene
Concen: 55.507 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Tgt Ion:104 Resp: 481735
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 50.846 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 120540

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

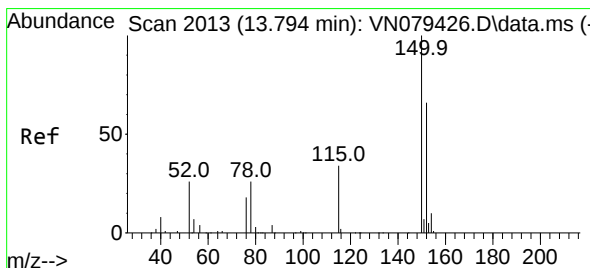
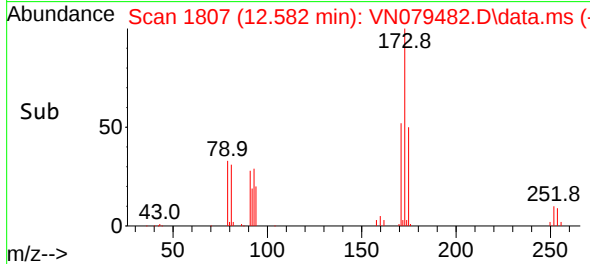
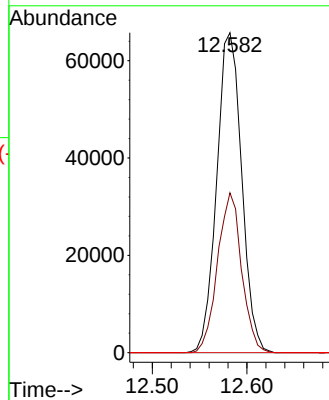
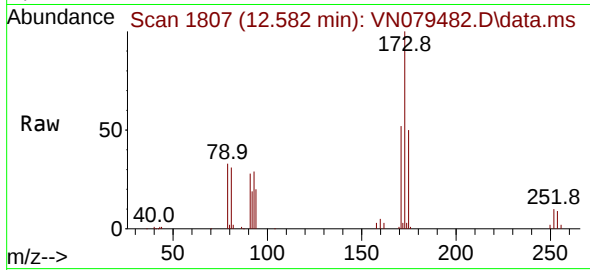
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

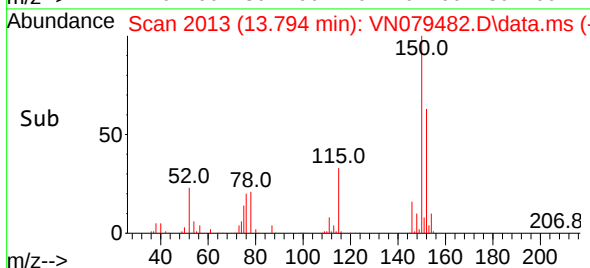
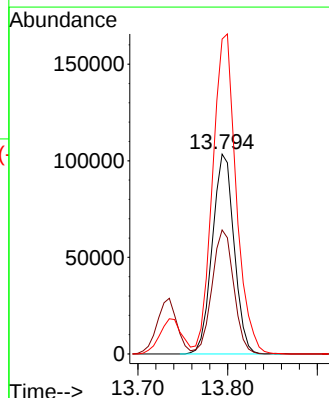
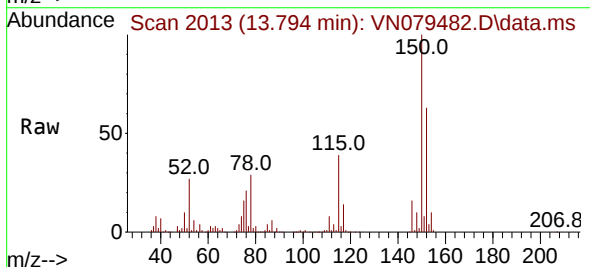
Tgt Ion:152 Resp: 174322

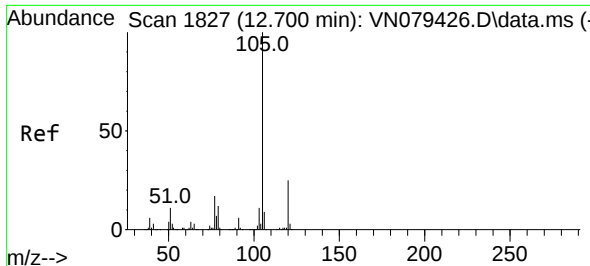
Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

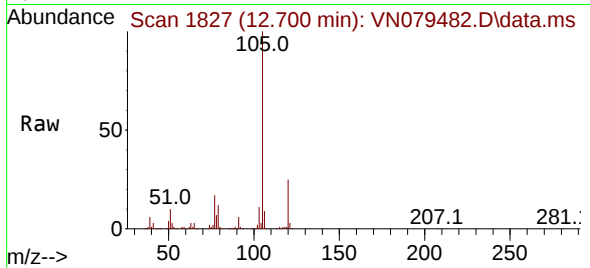
150 173.3 0.0 355.8





#73
Isopropylbenzene
Concen: 43.900 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

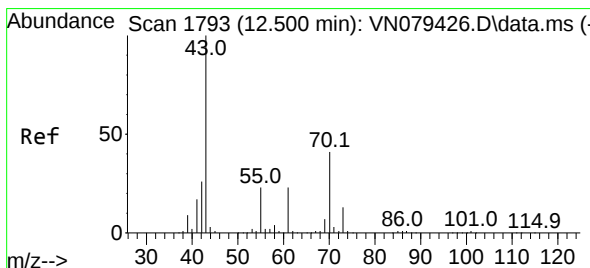
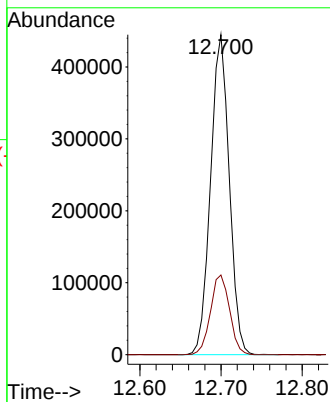
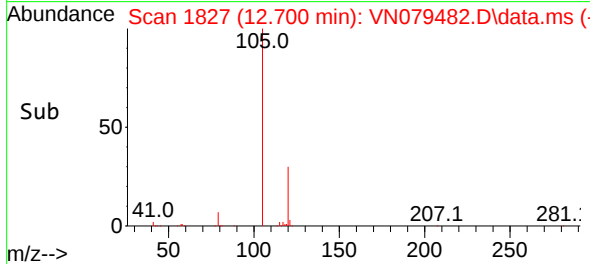
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



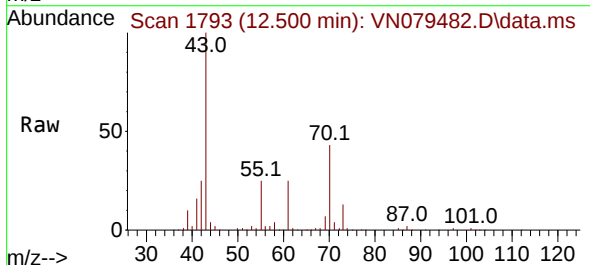
Tgt Ion:105 Resp: 711940
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

Manual Integrations
APPROVED

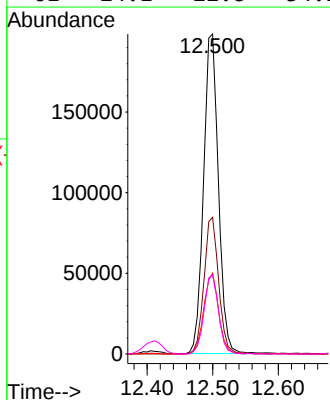
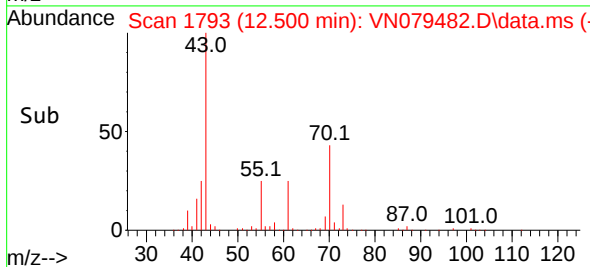
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

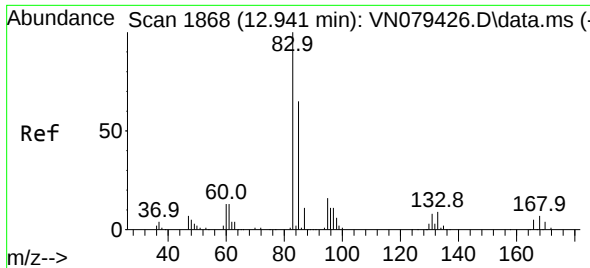


#74
N-ethyl acetate
Concen: 47.012 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



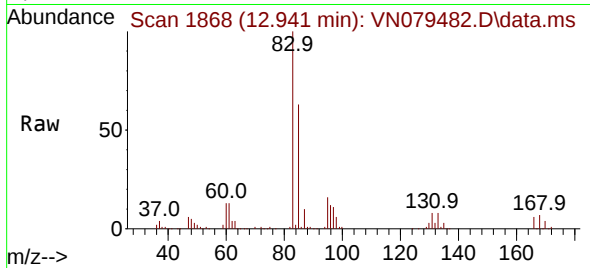
Tgt Ion: 43 Resp: 312561
Ion Ratio Lower Upper
43 100
70 42.3 43.4 65.2#
55 25.5 21.4 32.0
61 24.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.875 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

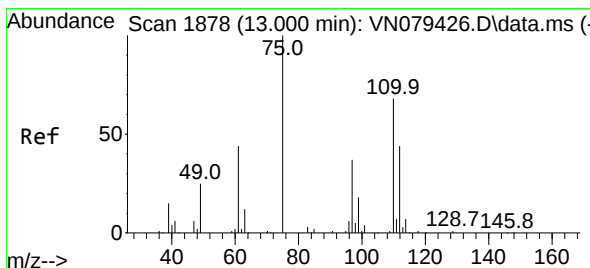
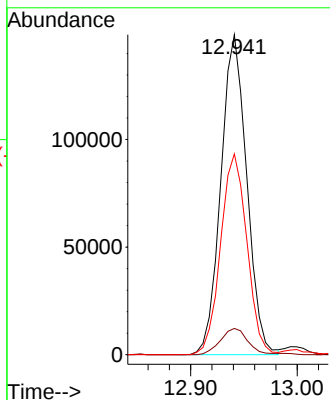
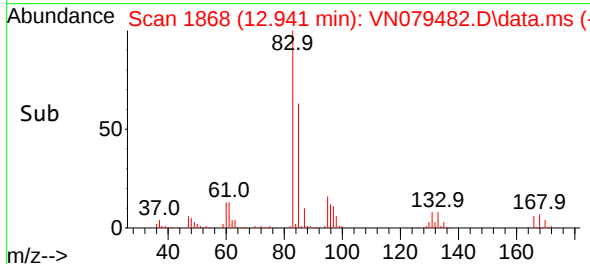
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 25087
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 63.7 31.9 95.7

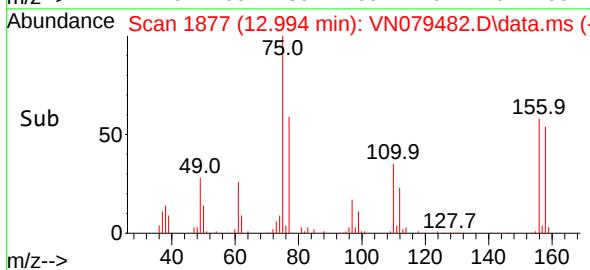
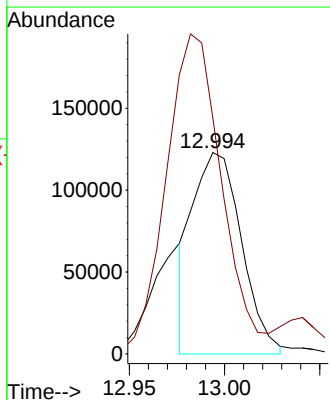
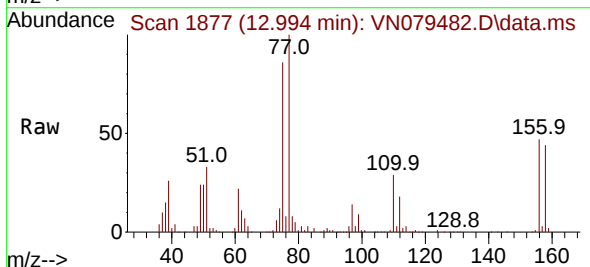
Manual Integrations
APPROVED

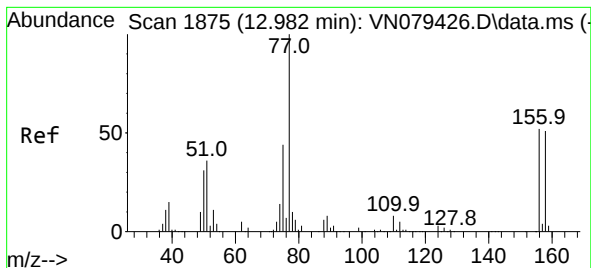
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#76
1,2,3-Trichloropropane
Concen: 43.559 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Tgt Ion: 75 Resp: 218935
Ion Ratio Lower Upper
75 100
77 181.6 84.5 253.5





#77

Bromobenzene

Concen: 43.701 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 173778

Ion Ratio Lower Upper

156 100

77 228.8 107.7 323.3

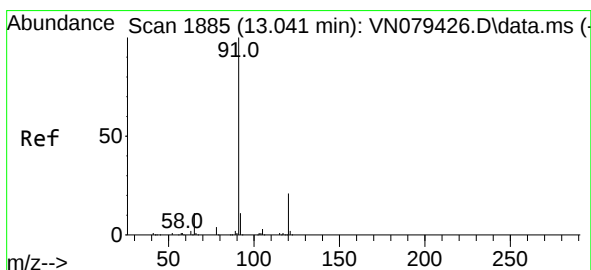
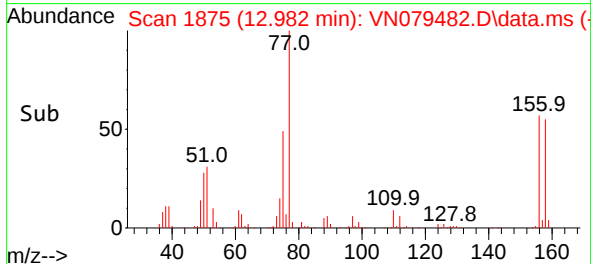
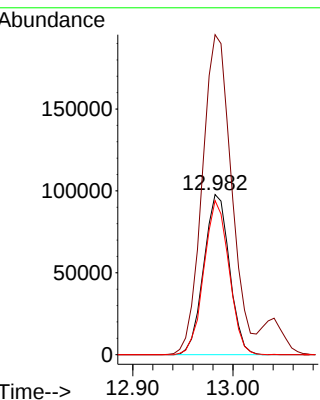
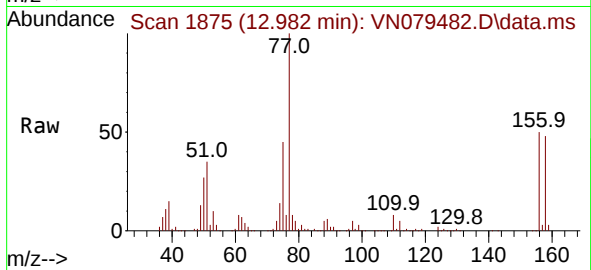
158 93.9 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#78

n-propylbenzene

Concen: 46.830 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079482.D

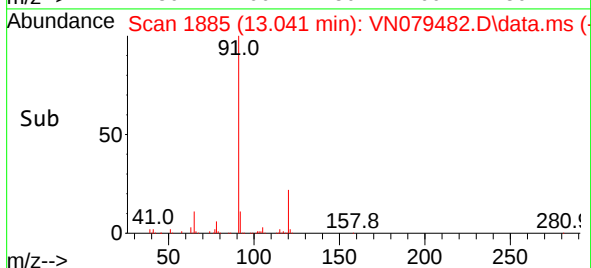
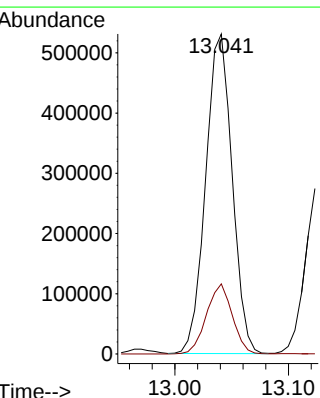
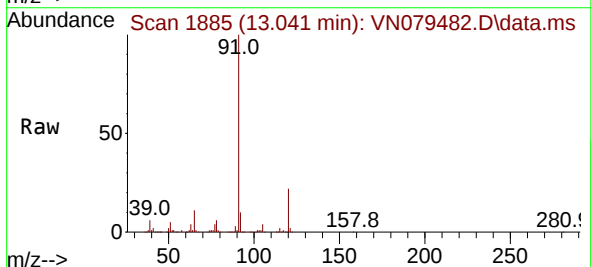
Acq: 10 Oct 2023 10:25

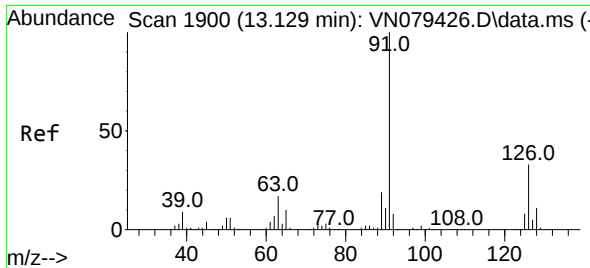
Tgt Ion: 91 Resp: 859275

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





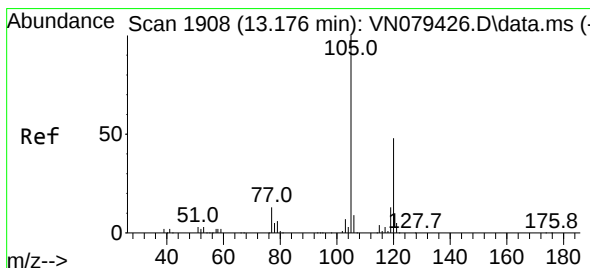
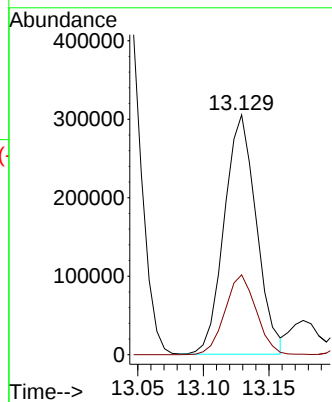
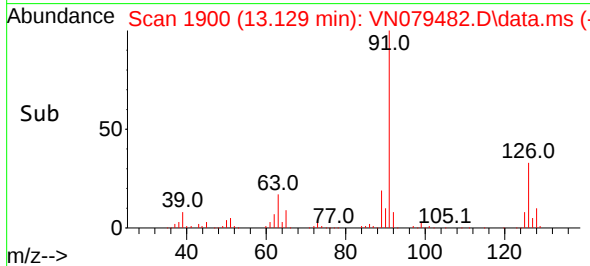
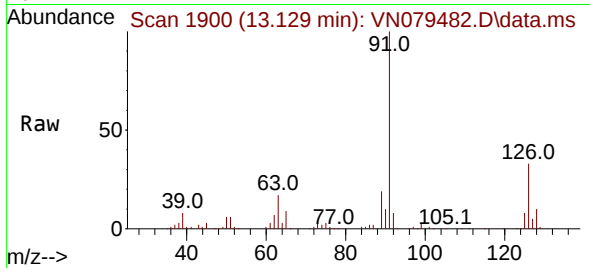
#79
2-Chlorotoluene
Concen: 44.280 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 519910
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

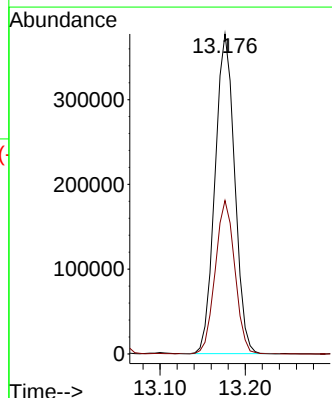
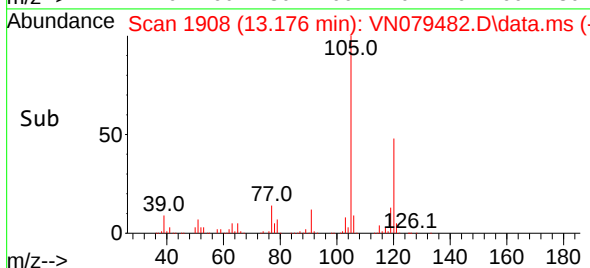
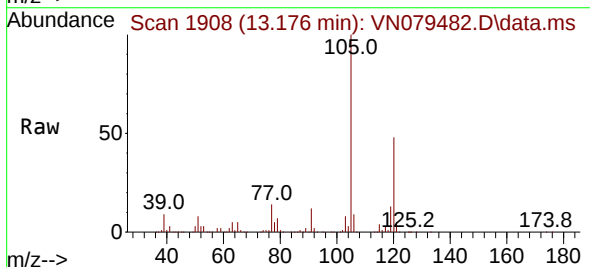
Manual Integrations
APPROVED

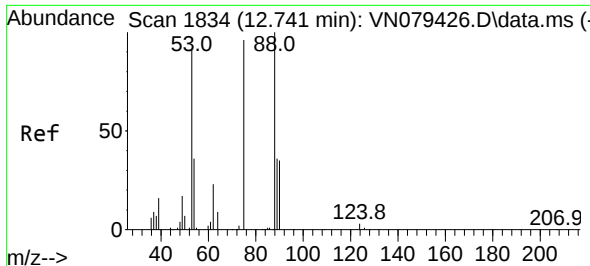
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.193 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

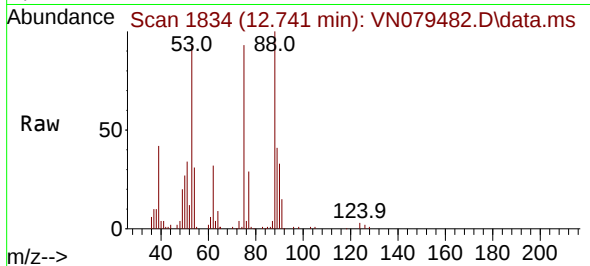
Tgt Ion:105 Resp: 603524
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.423 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

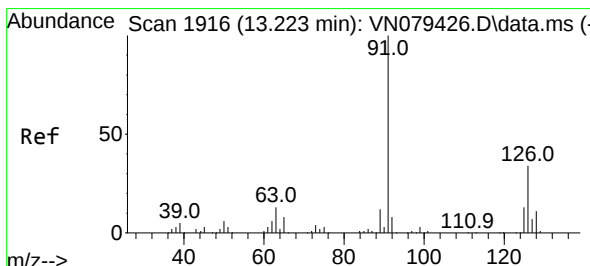
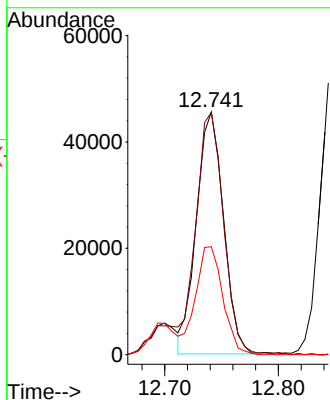
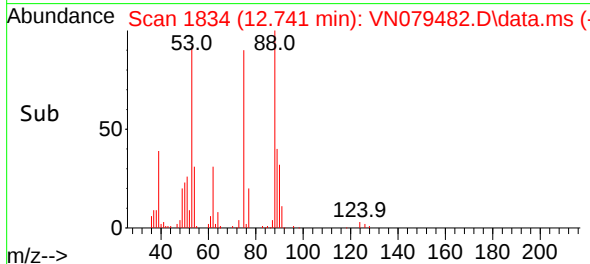
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 75220
Ion Ratio Lower Upper
75 100
53 115.6 67.4 101.2
89 45.4 38.8 58.2

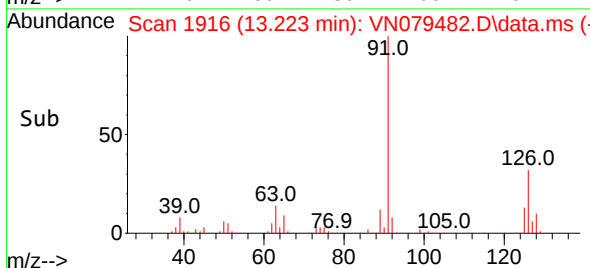
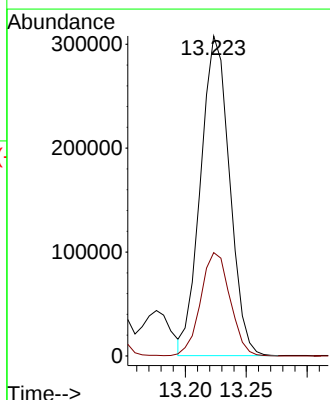
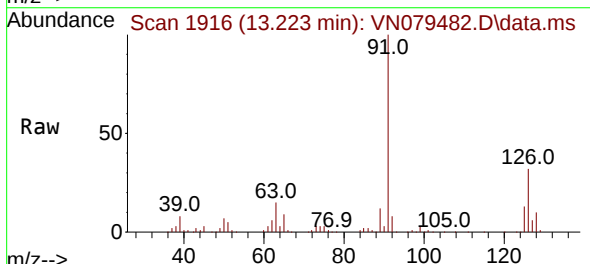
Manual Integrations
APPROVED

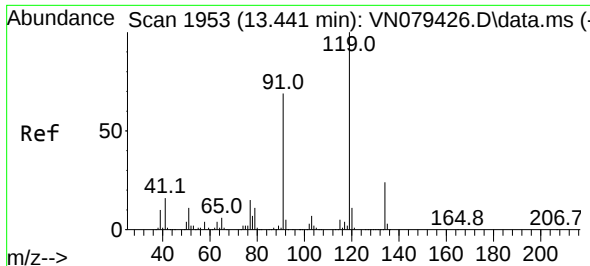
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#82
4-Chlorotoluene
Concen: 45.681 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

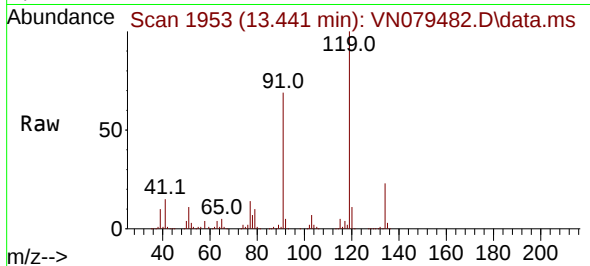
Tgt Ion: 91 Resp: 510384
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.615 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

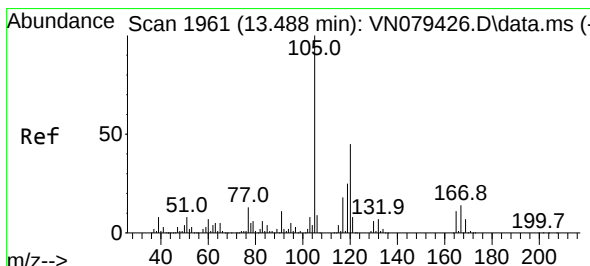
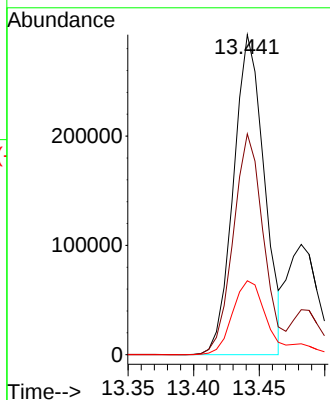
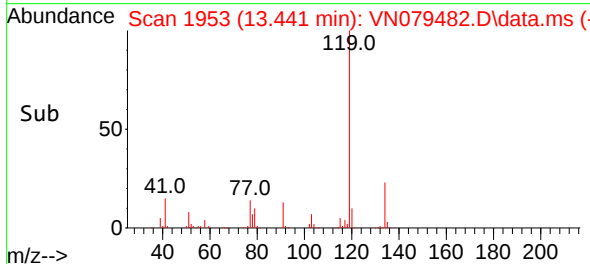
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



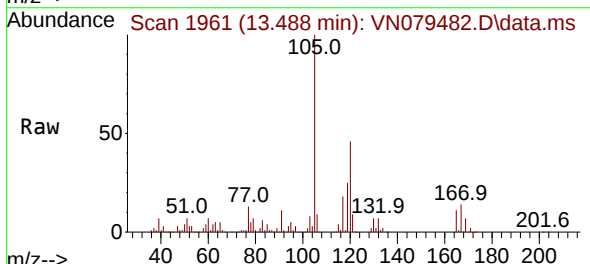
Tgt Ion:119 Resp: 477933
Ion Ratio Lower Upper
119 100
91 68.6 33.9 101.7
134 27.3 13.2 39.6

Manual Integrations
APPROVED

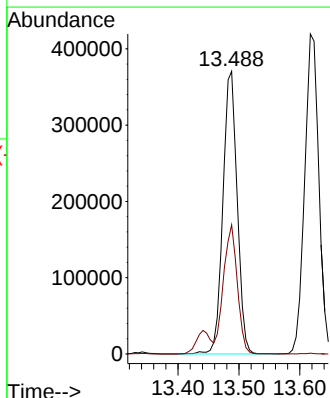
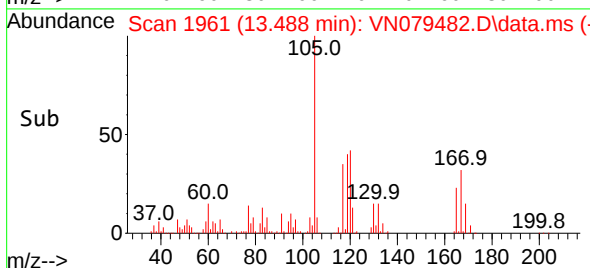
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.464 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



Tgt Ion:105 Resp: 603684
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





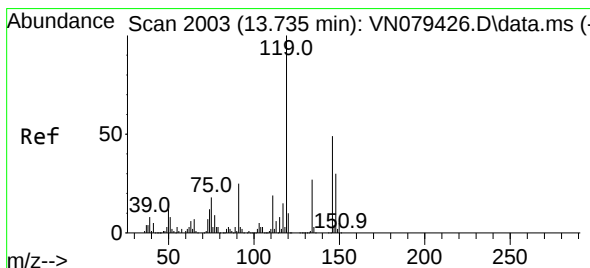
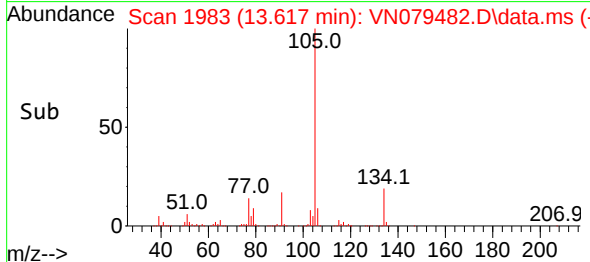
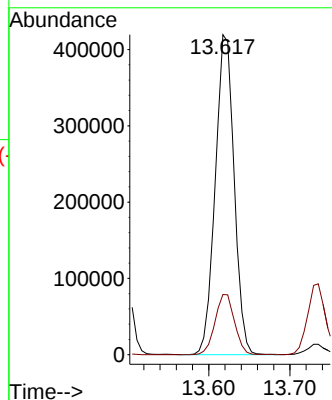
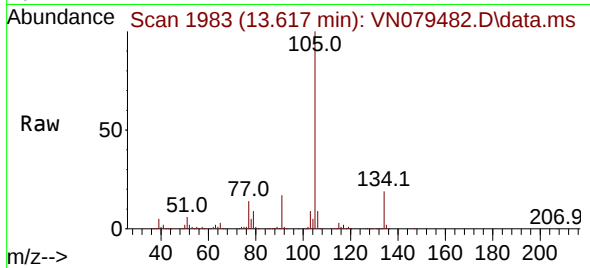
#85
 sec-Butylbenzene
 Concen: 46.468 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079482.D
 Acq: 10 Oct 2023 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 67910
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

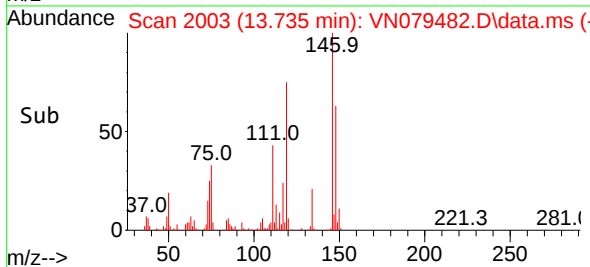
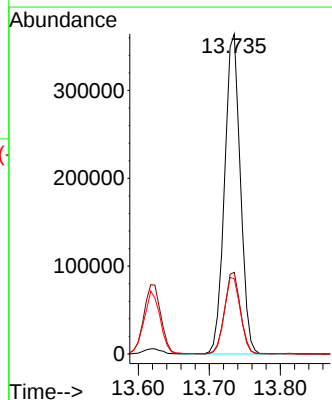
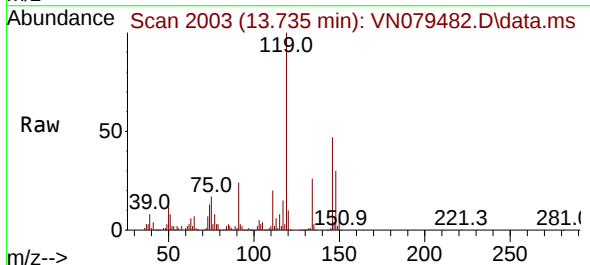
Manual Integrations
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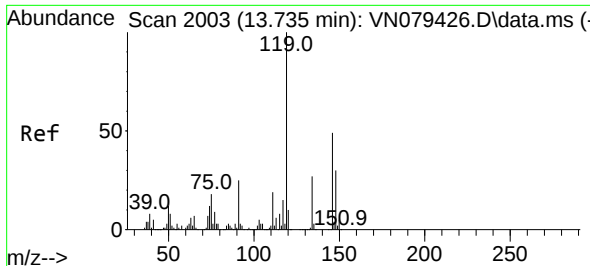
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#86
 p-Isopropyltoluene
 Concen: 50.081 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079482.D
 Acq: 10 Oct 2023 10:25

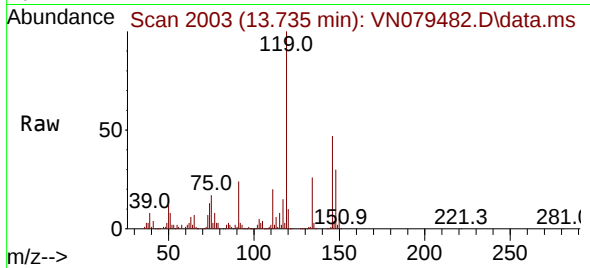
Tgt Ion:119 Resp: 561478
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.731 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

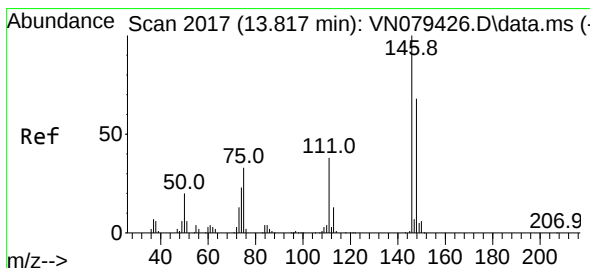
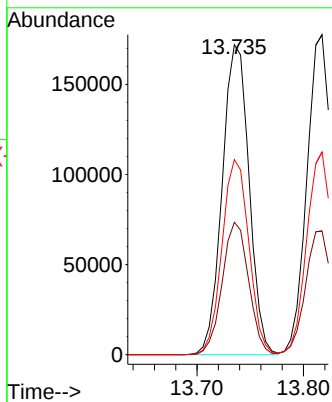
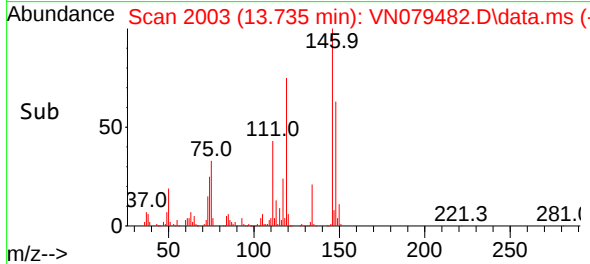
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



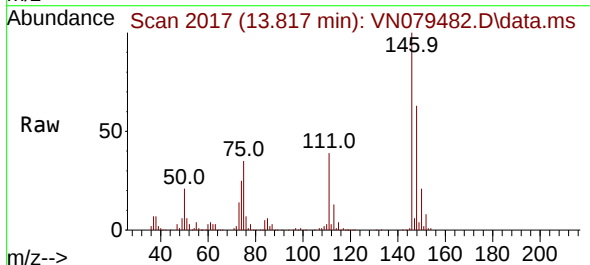
Tgt Ion:146 Resp: 30104
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 63.1 32.0 96.0

Manual Integrations
APPROVED

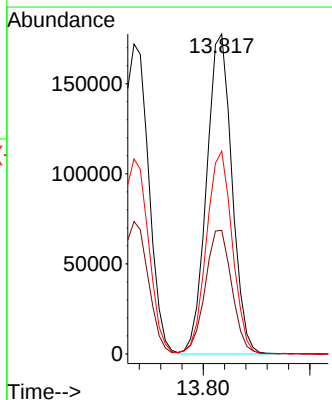
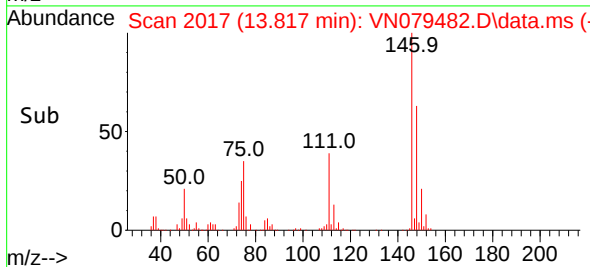
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

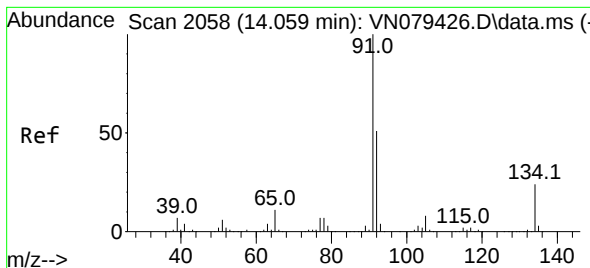


#88
1,4-Dichlorobenzene
Concen: 45.100 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



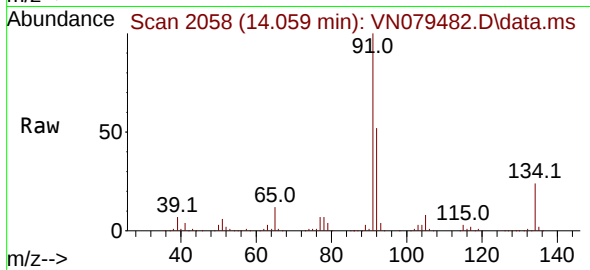
Tgt Ion:146 Resp: 293711
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 64.6 31.6 94.8





#89
n-Butylbenzene
Concen: 52.037 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

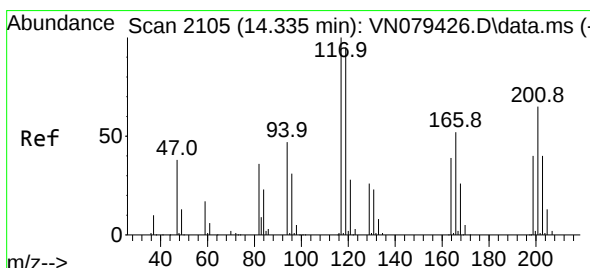
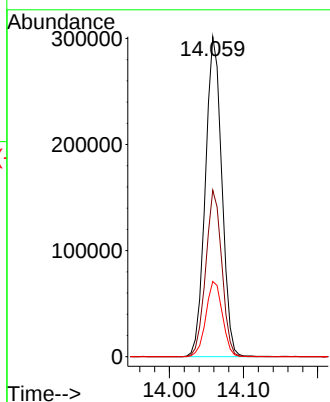
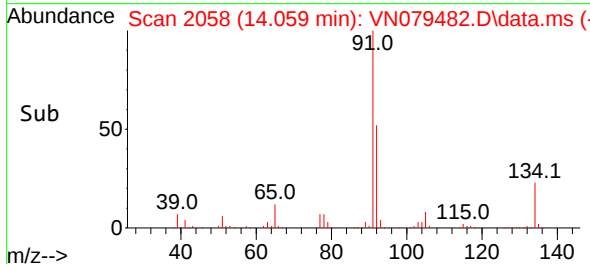
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 465889
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 23.6 12.6 37.6

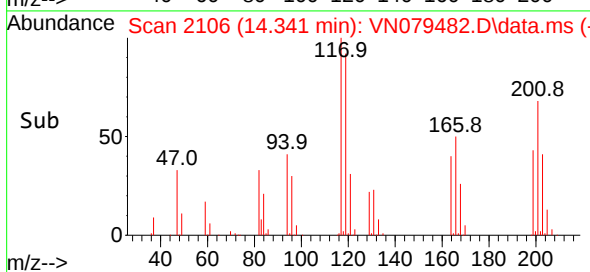
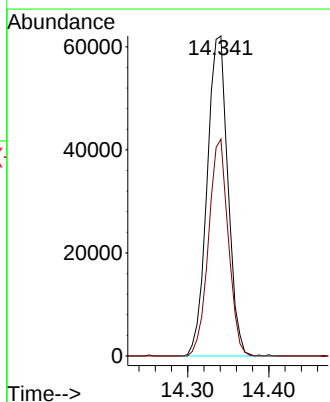
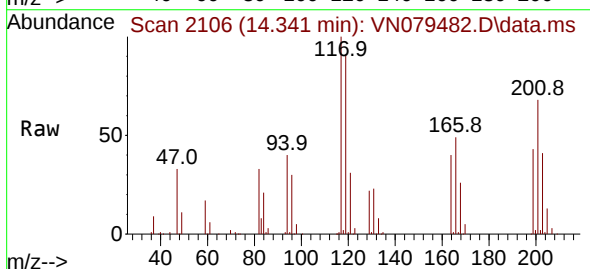
Manual Integrations
APPROVED

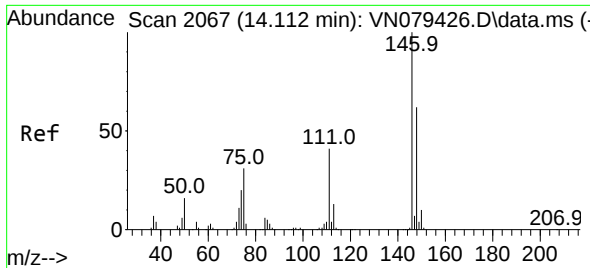
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#90
Hexachloroethane
Concen: 48.406 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Tgt Ion:117 Resp: 110255
Ion Ratio Lower Upper
117 100
201 64.3 29.3 88.0





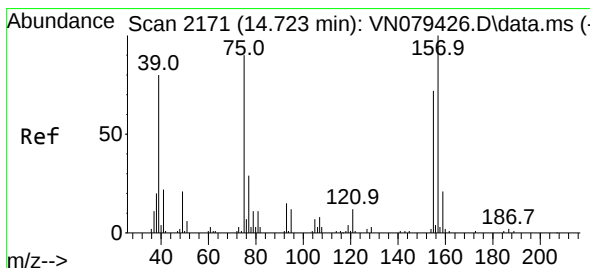
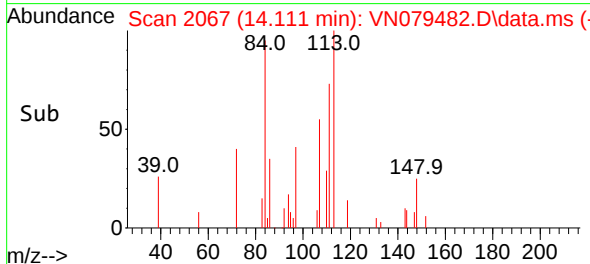
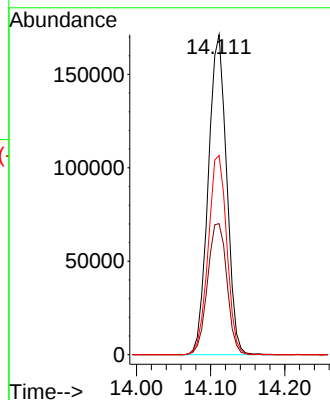
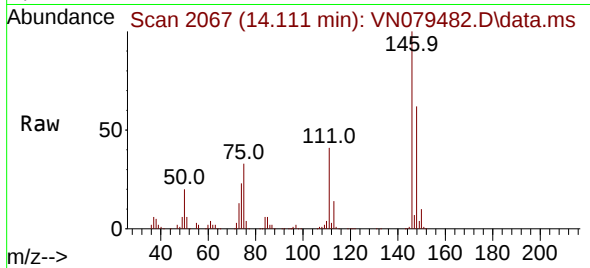
#91
1,2-Dichlorobenzene
Concen: 47.880 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 294562
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 63.0 31.8 95.3

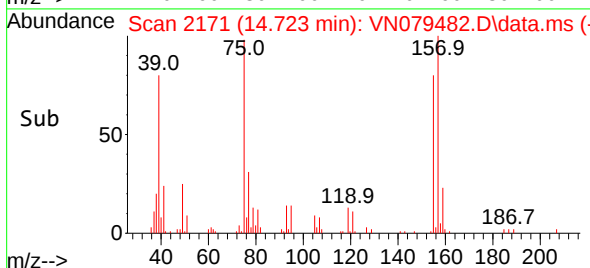
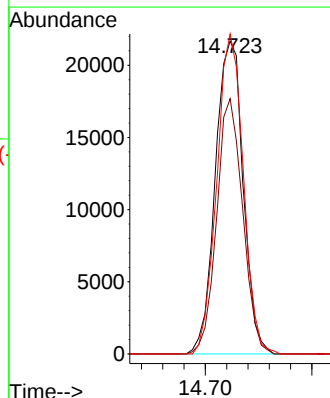
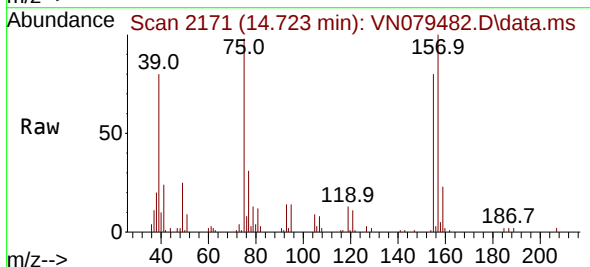
Manual Integrations
APPROVED

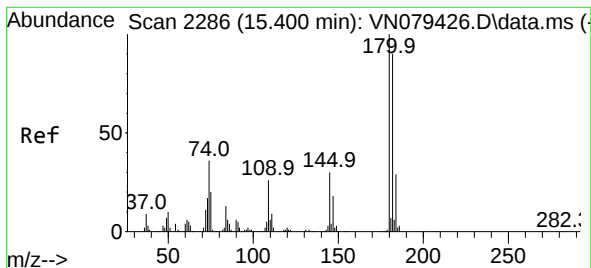
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.851 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

Tgt Ion: 75 Resp: 39247
Ion Ratio Lower Upper
75 100
155 76.4 39.1 117.2
157 97.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 52.248 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

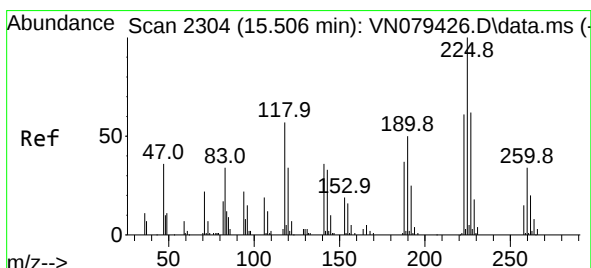
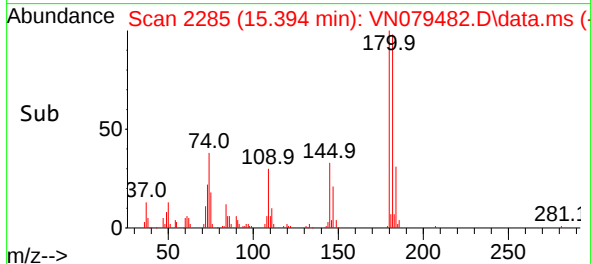
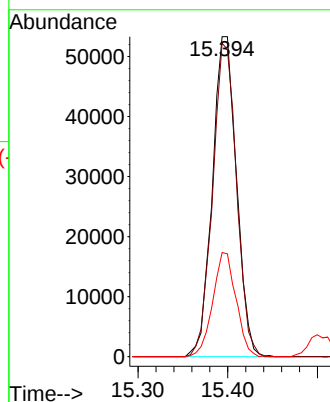
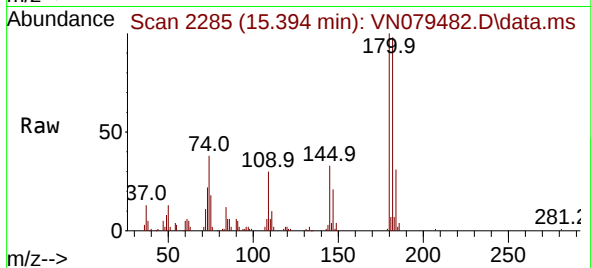
Tgt Ion:180	Resp:	99554
Ion Ratio	Lower	Upper
180	100	
182	96.8	46.1 138.2
145	31.4	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#94

Hexachlorobutadiene

Concen: 43.322 ug/l

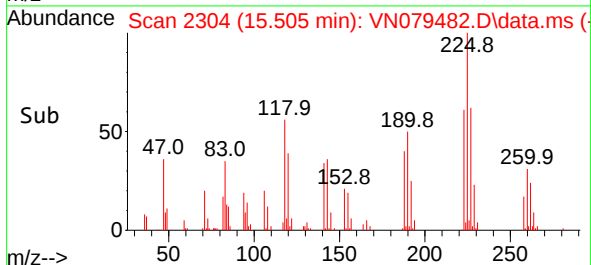
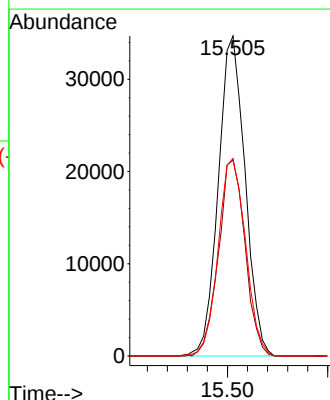
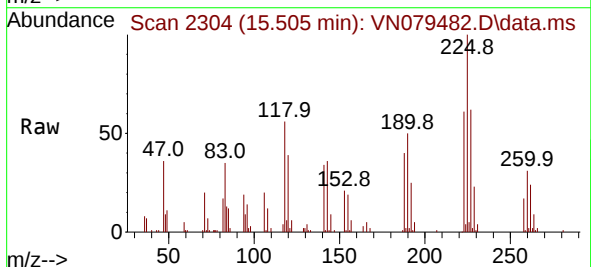
RT: 15.505 min Scan# 2304

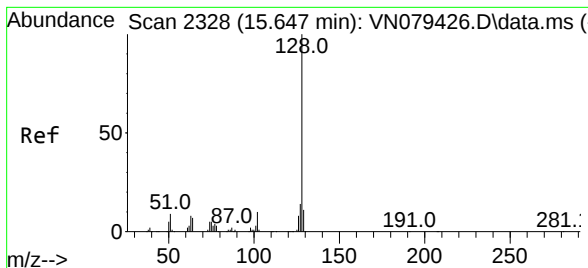
Delta R.T. -0.000 min

Lab File: VN079482.D

Acq: 10 Oct 2023 10:25

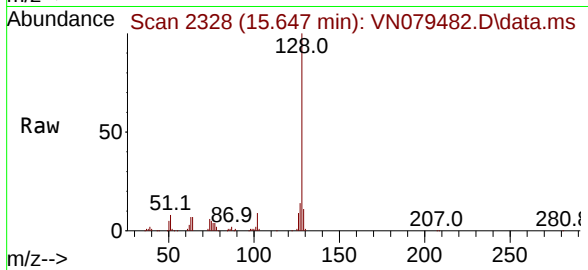
Tgt Ion:225	Resp:	64290
Ion Ratio	Lower	Upper
225	100	
223	60.8	31.3 93.8
227	63.0	31.9 95.9





#95
Naphthalene
Concen: 46.167 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25

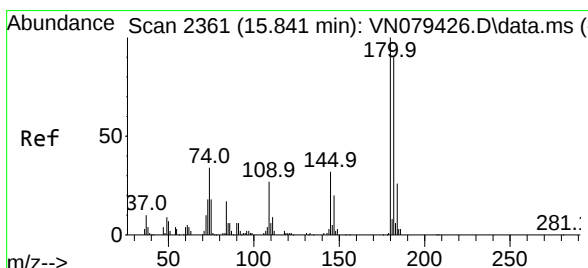
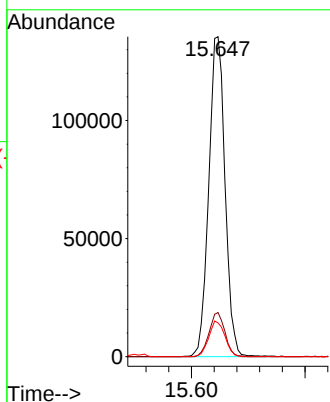
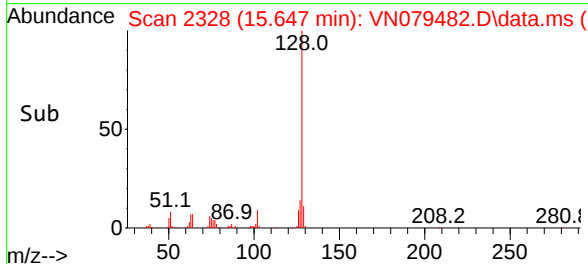
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



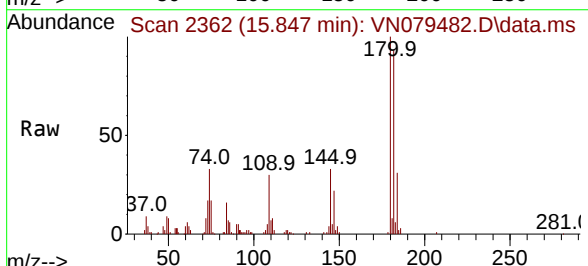
Tgt Ion:128 Resp: 268619
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.290 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079482.D
Acq: 10 Oct 2023 10:25



Tgt Ion:180 Resp: 105254
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 34.3 17.5 52.6

