

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079982.D
 Acq On : 07 Nov 2023 22:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 08 04:38:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	321522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	520204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	292995	59.813	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.620%			
35) Dibromofluoromethane	8.171	113	231550	57.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.560%			
50) Toluene-d8	10.571	98	839486	56.902	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.800%#			
62) 4-Bromofluorobenzene	12.853	95	310217	63.402	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	197999	51.125	ug/l	99
3) Chloromethane	2.359	50	262848	54.827	ug/l	99
4) Vinyl Chloride	2.512	62	263833	52.043	ug/l	99
5) Bromomethane	2.942	94	121654	39.495	ug/l	99
6) Chloroethane	3.112	64	134511	33.580	ug/l	97
7) Trichlorofluoromethane	3.495	101	376063	59.643	ug/l	99
8) Diethyl Ether	3.959	74	130781	54.658	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	194730	53.275	ug/l	99
10) Methyl Iodide	4.589	142	230528	55.228	ug/l	99
11) Tert butyl alcohol	5.530	59	175587	280.799	ug/l	99
12) 1,1-Dichloroethene	4.342	96	179475	51.859	ug/l #	79
13) Acrolein	4.177	56	135025	282.989	ug/l	99
14) Allyl chloride	5.024	41	332445	62.717	ug/l #	88
15) Acrylonitrile	5.718	53	585168	300.287	ug/l	99
16) Acetone	4.430	43	468894	272.511	ug/l	91
17) Carbon Disulfide	4.712	76	469023	46.983	ug/l	99
18) Methyl Acetate	5.024	43	495668	60.212	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	693068	58.167	ug/l	94
20) Methylene Chloride	5.277	84	226473	52.163	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	208012	53.892	ug/l #	75
22) Diisopropyl ether	6.677	45	755235	61.481	ug/l #	90
23) Vinyl Acetate	6.606	43	1978138	291.941	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	440351	58.979	ug/l	98
25) 2-Butanone	7.488	43	769833	305.533	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	310938	50.356	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	252057	54.593	ug/l	84
28) Bromochloromethane	7.818	49	216786	59.580	ug/l #	75
29) Tetrahydrofuran	7.841	42	516565	315.112	ug/l #	76
30) Chloroform	7.971	83	451235	55.639	ug/l	95
31) Cyclohexane	8.259	56	339686	52.478	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	378215	57.235	ug/l	94
36) 1,1-Dichloropropene	8.377	75	320060	55.934	ug/l	94
37) Ethyl Acetate	7.565	43	319984	60.975	ug/l #	91
38) Carbon Tetrachloride	8.365	117	323030	56.015	ug/l	98
39) Methylcyclohexane	9.606	83	303603	56.379	ug/l #	86
40) Benzene	8.612	78	972926	56.769	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	186312	66.857	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	356845	59.608	ug/l	97
43) Isopropyl Acetate	8.694	43	529912	57.580	ug/l #	91
44) Trichloroethene	9.353	130	226991	53.375	ug/l	93
45) 1,2-Dichloropropane	9.624	63	262213	59.868	ug/l	98
46) Dibromomethane	9.712	93	170107	56.880	ug/l	96
47) Bromodichloromethane	9.894	83	355959	55.810	ug/l	96
48) Methyl methacrylate	9.682	41	262505	65.120	ug/l #	77
49) 1,4-Dioxane	9.694	88	90244	1266.962	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1671177	322.542	ug/l	90
52) Toluene	10.635	92	592382	58.303	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	363869	58.196	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	395103	57.975	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	239803	58.679	ug/l	98
56) Ethyl methacrylate	10.876	69	362043	62.108	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	426475	59.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	884708	299.447	ug/l	89
59) 2-Hexanone	11.200	43	1198735	302.431	ug/l	89
60) Dibromochloromethane	11.359	129	249917	57.132	ug/l	100
61) 1,2-Dibromoethane	11.470	107	236919	57.760	ug/l	99
64) Tetrachloroethene	11.106	164	190048	56.409	ug/l	97
65) Chlorobenzene	11.894	112	618198	54.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	233819	57.511	ug/l	97
67) Ethyl Benzene	11.965	91	1135233	57.743	ug/l	95
68) m/p-Xylenes	12.076	106	844562	115.319	ug/l	93
69) o-Xylene	12.400	106	412147	58.441	ug/l	92
70) Styrene	12.412	104	698169	61.601	ug/l	97
71) Bromoform	12.582	173	170539	59.073	ug/l #	99
73) Isopropylbenzene	12.700	105	1052793	56.475	ug/l	98
74) N-amyl acetate	12.500	43	450695	55.389	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	356514	53.939	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	280215m	48.593	ug/l	
77) Bromobenzene	12.982	156	245516	53.794	ug/l	91
78) n-propylbenzene	13.041	91	1232615	57.740	ug/l	98
79) 2-Chlorotoluene	13.129	91	768781	56.373	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	855447	58.981	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	117139	55.268	ug/l	93
82) 4-Chlorotoluene	13.223	91	763527	56.342	ug/l	98
83) tert-Butylbenzene	13.441	119	700831	59.032	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	857179	60.070	ug/l	100
85) sec-Butylbenzene	13.617	105	987008	60.007	ug/l	99
86) p-Isopropyltoluene	13.735	119	816396	60.878	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	447849	52.748	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	448820	52.080	ug/l	100
89) n-Butylbenzene	14.059	91	682074	59.052	ug/l	99
90) Hexachloroethane	14.335	117	150599	56.705	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	441367	55.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67453	60.180	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	215476	56.541	ug/l	97
94) Hexachlorobutadiene	15.506	225	96646	55.942	ug/l	99
95) Naphthalene	15.647	128	681110	52.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	207920	55.658	ug/l	97

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

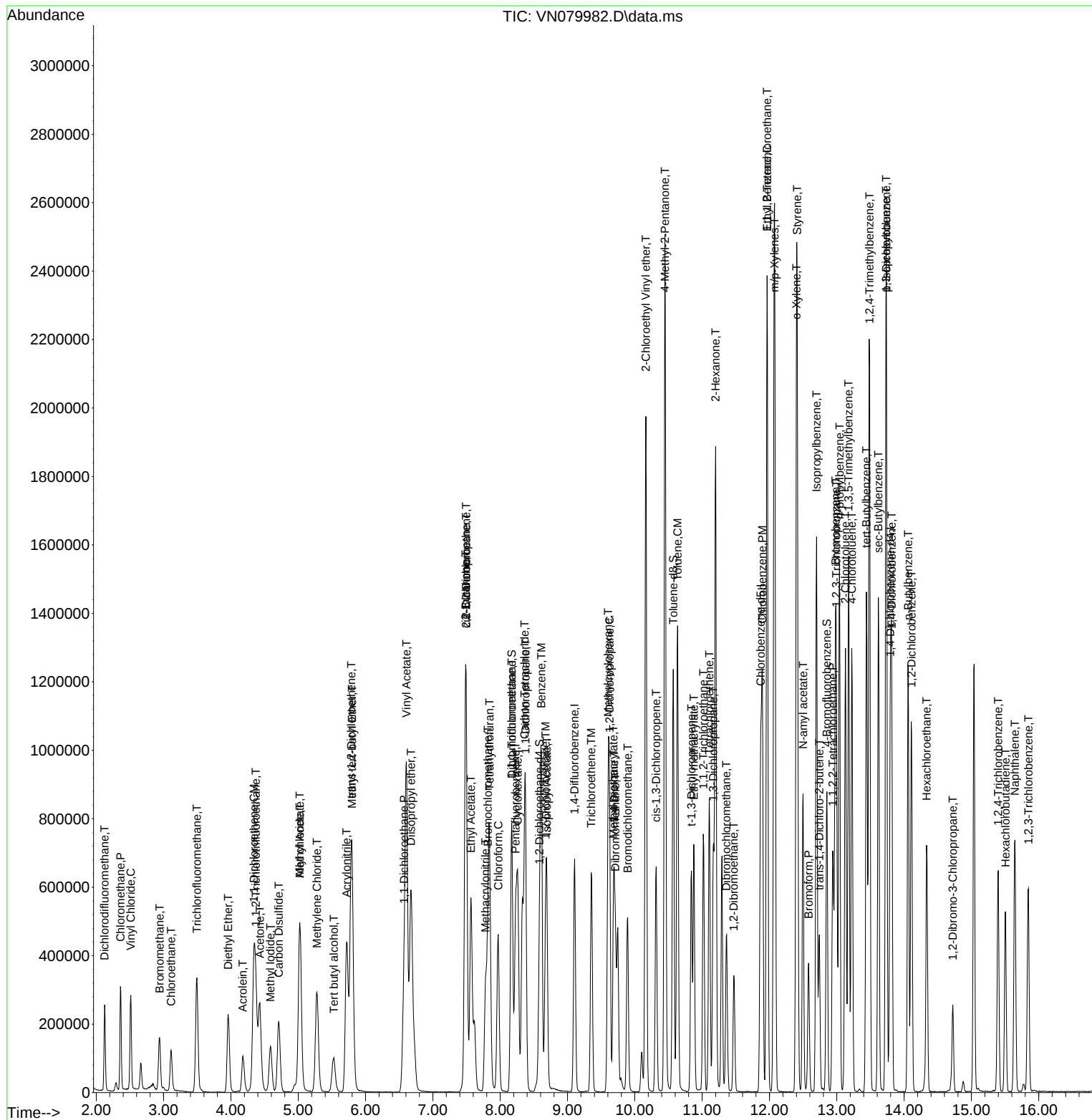
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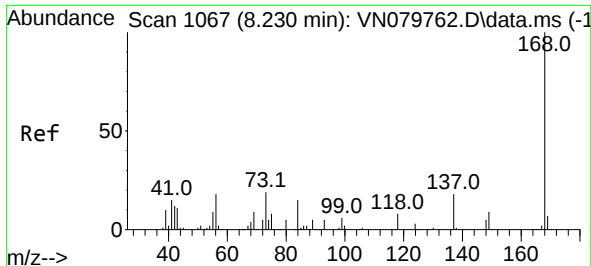
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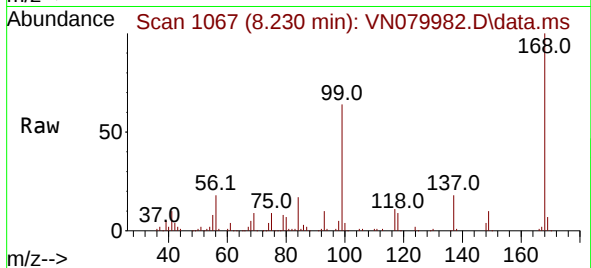
Reviewed By : John Carlone 11/08/2023
Supervised By : Mahesh Dadoda 11/08/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079982.D
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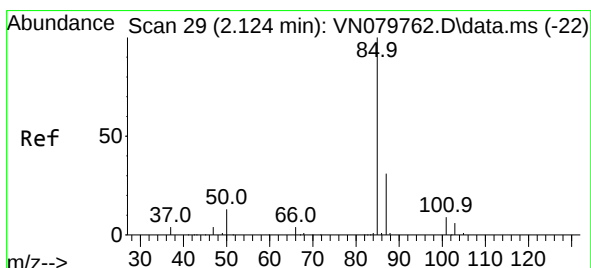
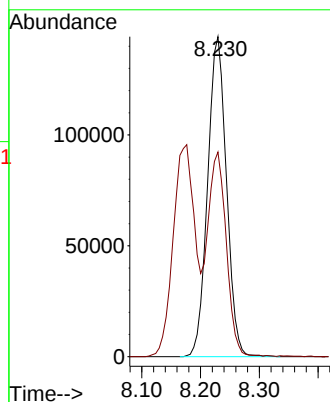
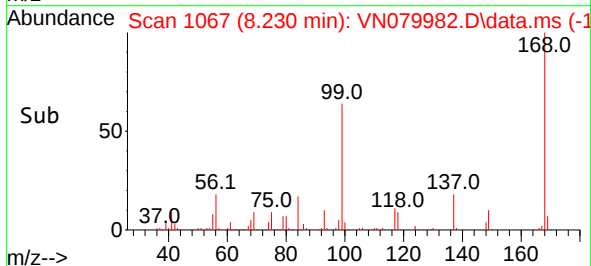
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 32152
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6

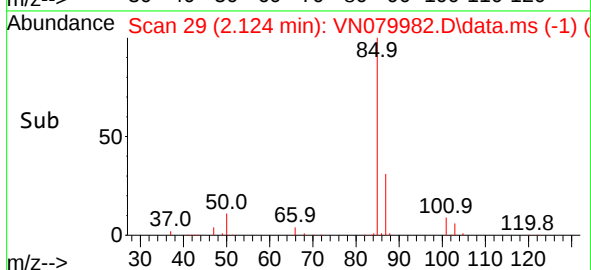
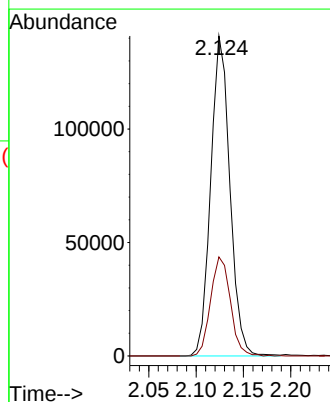
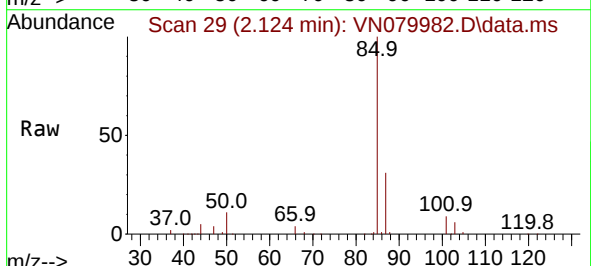
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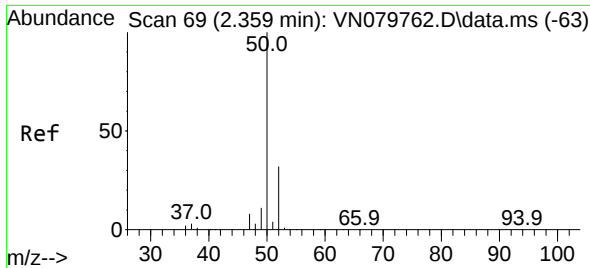
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#2
Dichlorodifluoromethane
Concen: 51.125 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

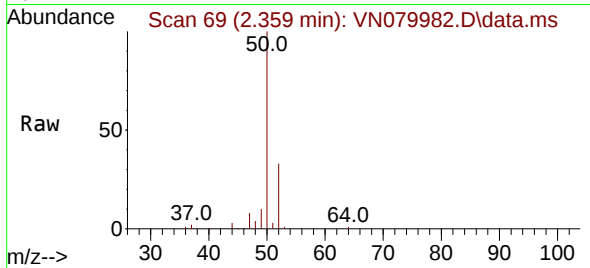
Tgt Ion: 85 Resp: 197999
Ion Ratio Lower Upper
85 100
87 31.0 15.8 47.4





#3
Chloromethane
Concen: 54.827 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

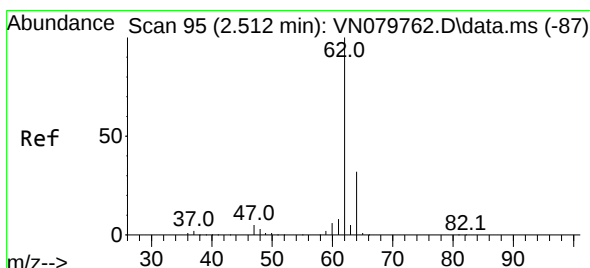
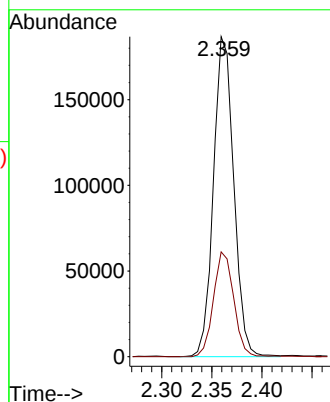
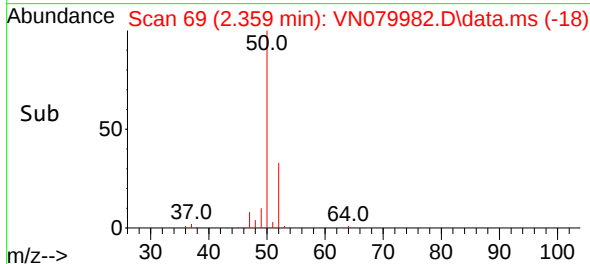
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Tgt Ion: 50 Resp: 262848
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

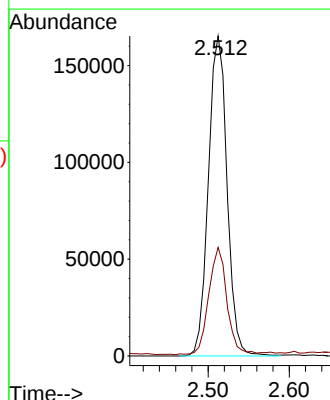
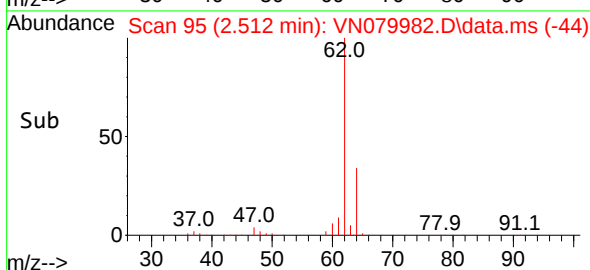
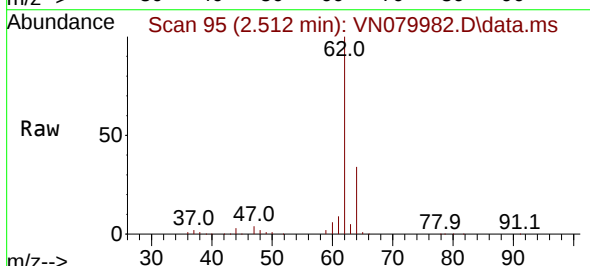
Manual Integrations
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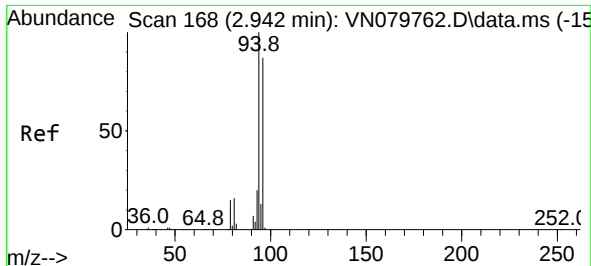
Reviewed By :John Carlone 11/08/2023
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#4
Vinyl Chloride
Concen: 52.043 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

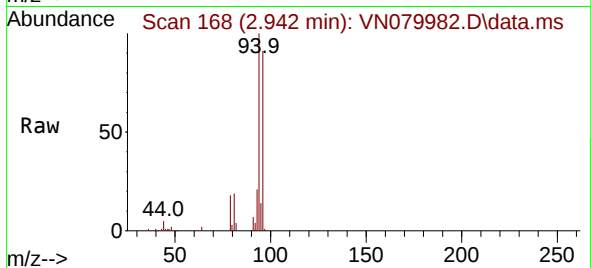
Tgt Ion: 62 Resp: 263833
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2





#5
Bromomethane
Concen: 39.495 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

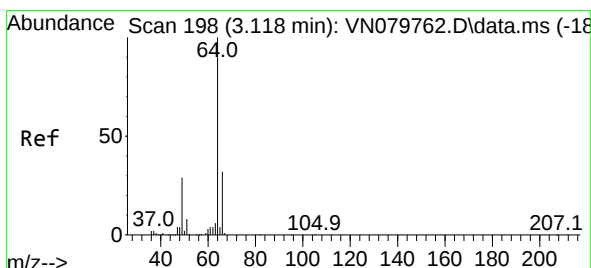
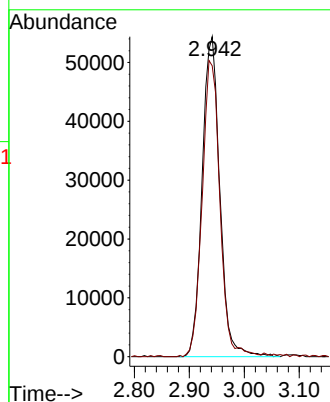
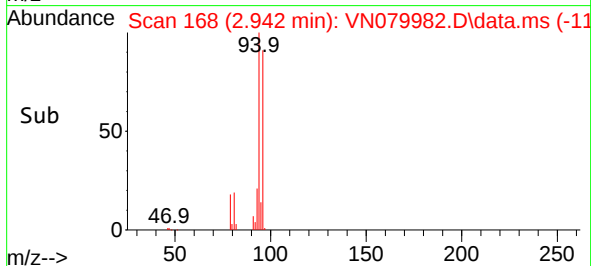
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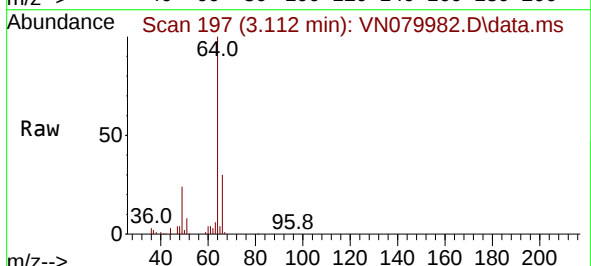
Tgt Ion: 94 Resp: 121654
Ion Ratio Lower Upper
94 100
96 90.5 73.1 109.7

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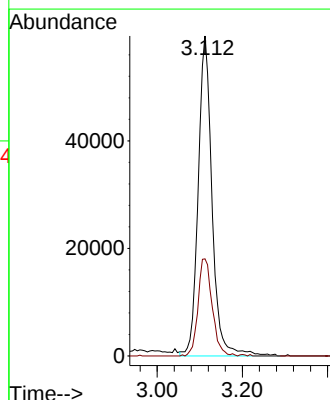
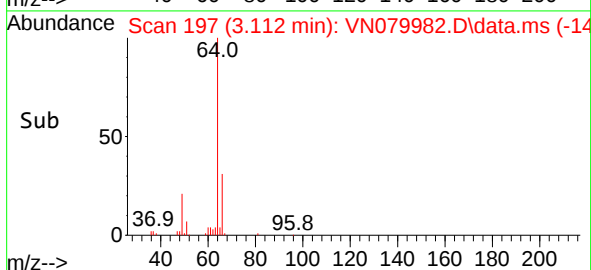
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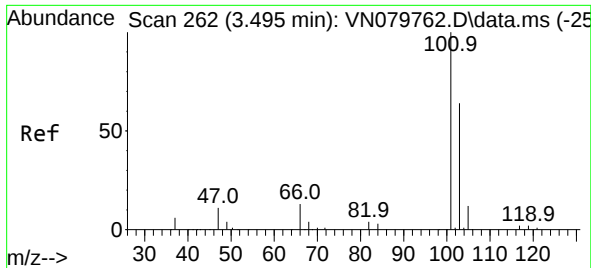


#6
Chloroethane
Concen: 33.580 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



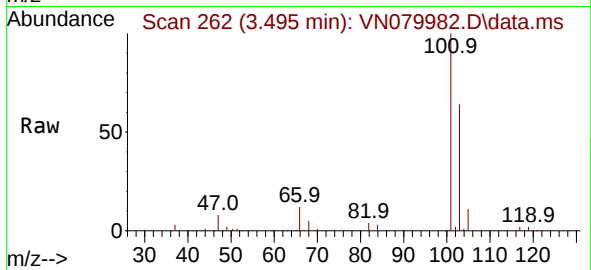
Tgt Ion: 64 Resp: 134511
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 59.643 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

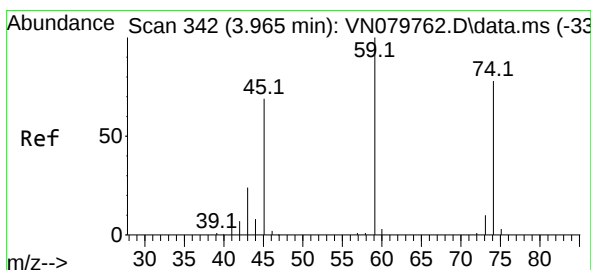
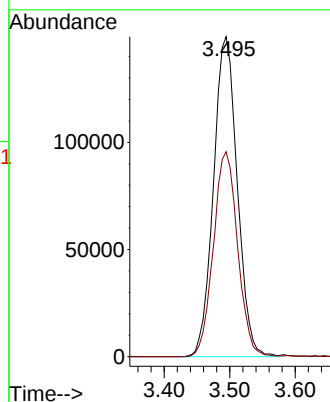
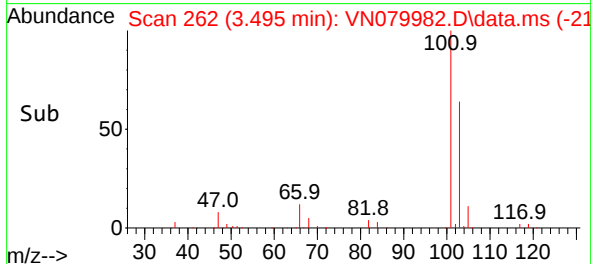
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Tgt Ion:101 Resp: 37606
Ion Ratio Lower Upper
101 100
103 64.1 50.7 76.1

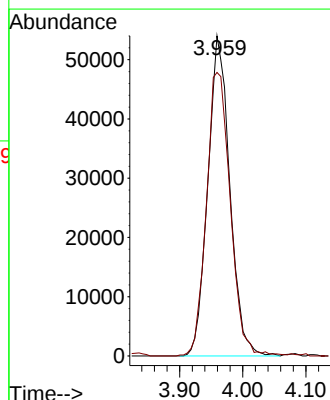
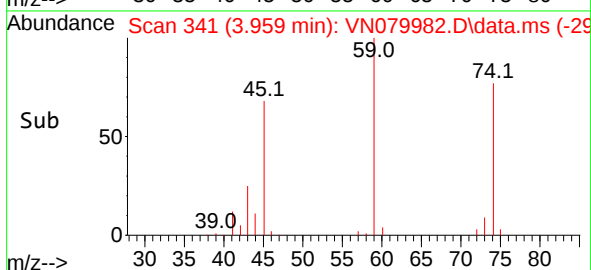
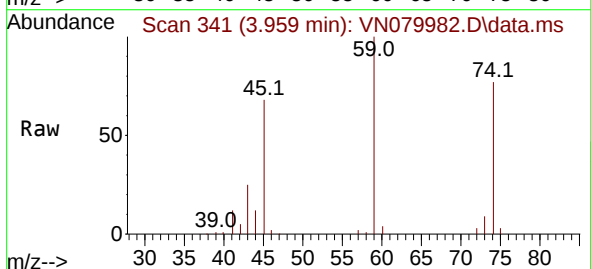
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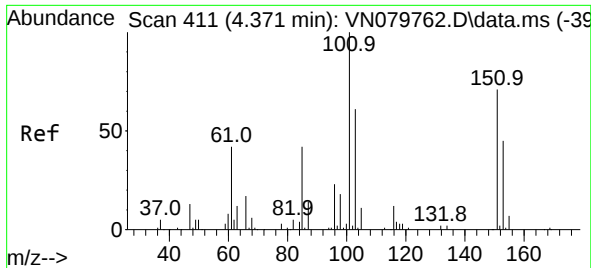
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#8
Diethyl Ether
Concen: 54.658 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Tgt Ion: 74 Resp: 130781
Ion Ratio Lower Upper
74 100
45 96.3 34.4 103.3





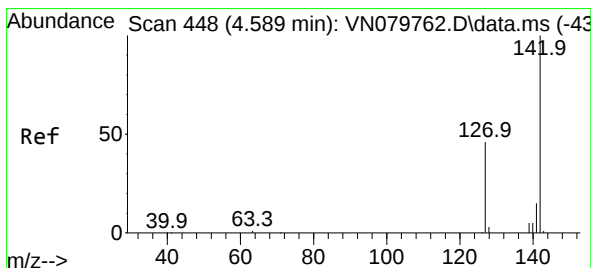
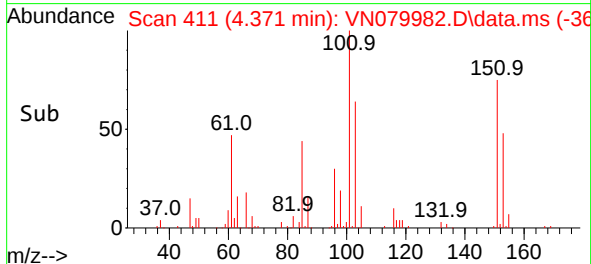
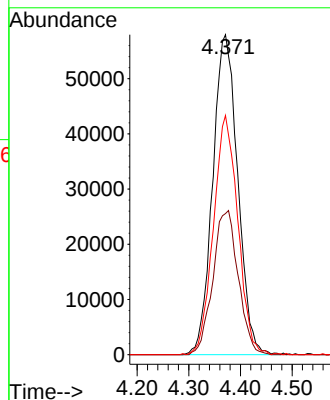
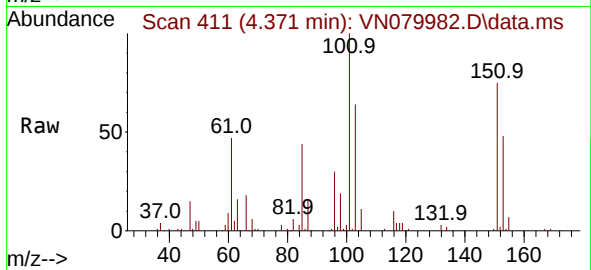
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.275 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 194730
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 72.9 57.6 86.4

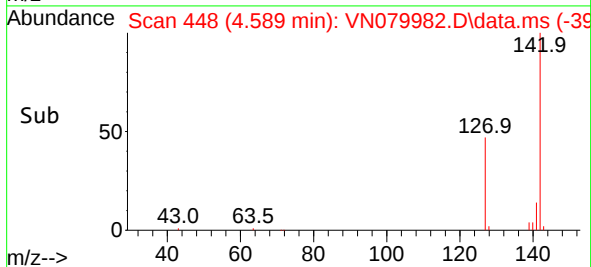
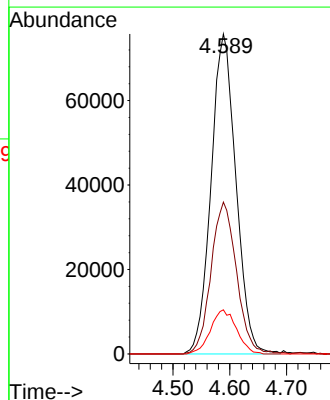
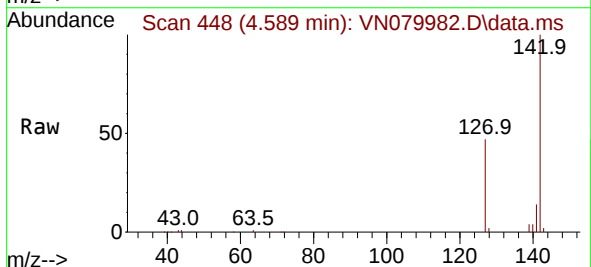
Manual Integrations
APPROVED

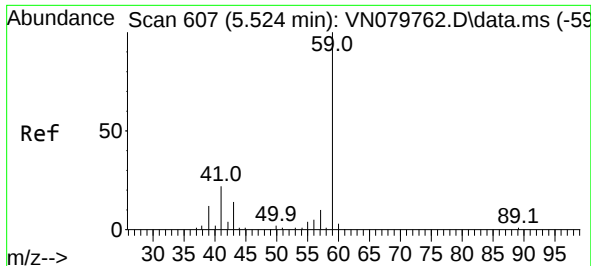
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 55.228 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

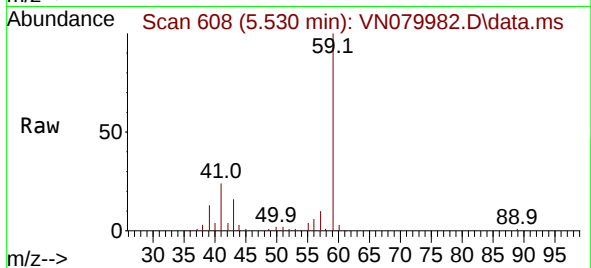
Tgt Ion:142 Resp: 230528
Ion Ratio Lower Upper
142 100
127 47.5 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 280.799 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

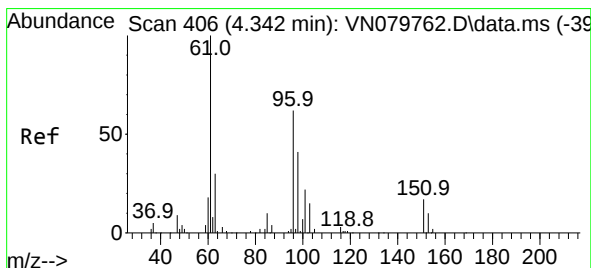
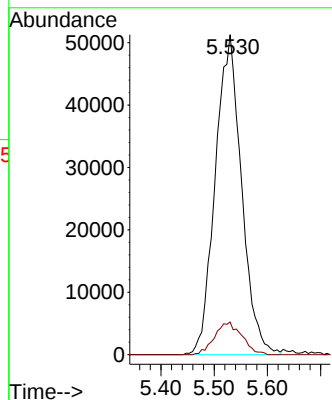
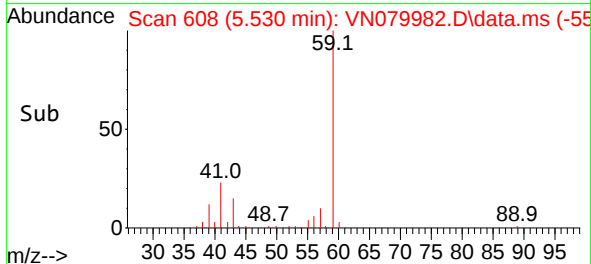
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 17558
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

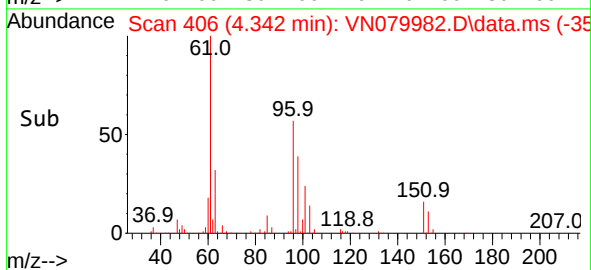
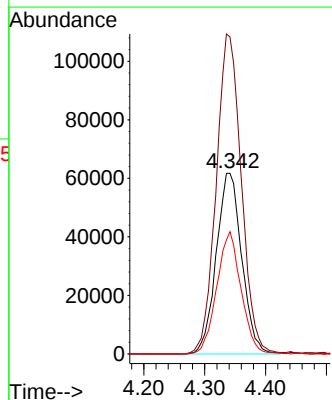
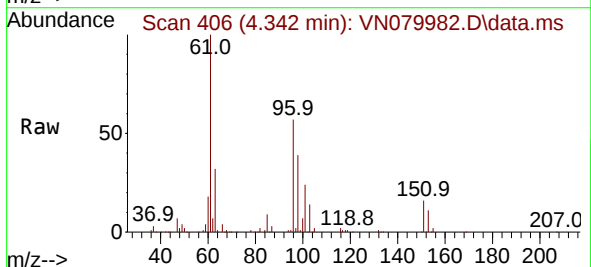
Manual Integrations
APPROVED

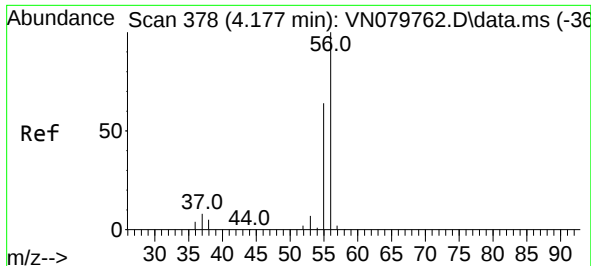
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#12
1,1-Dichloroethene
Concen: 51.859 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

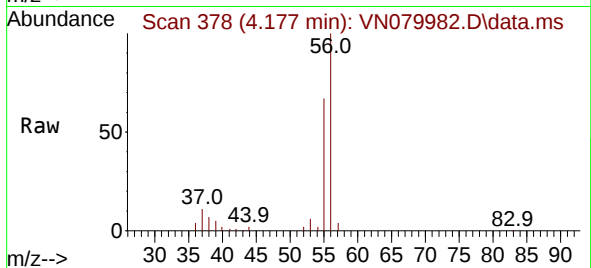
Tgt Ion: 96 Resp: 179475
Ion Ratio Lower Upper
96 100
61 175.5 112.7 169.1#
98 67.7 51.2 76.8





#13
Acrolein
Concen: 282.989 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

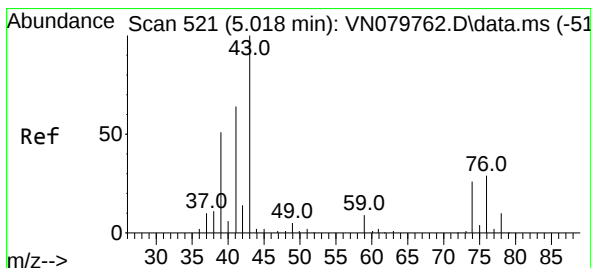
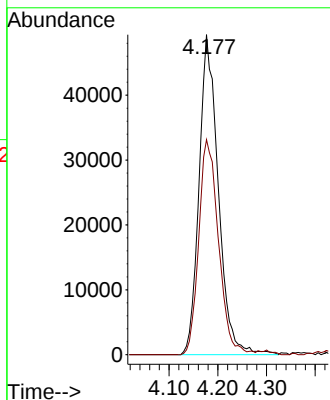
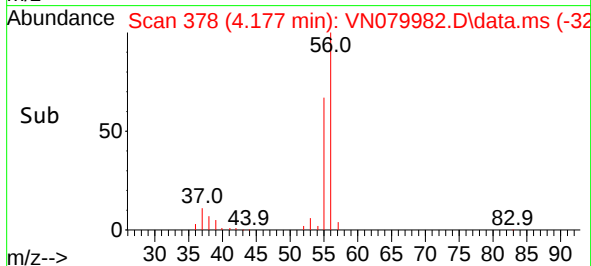
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



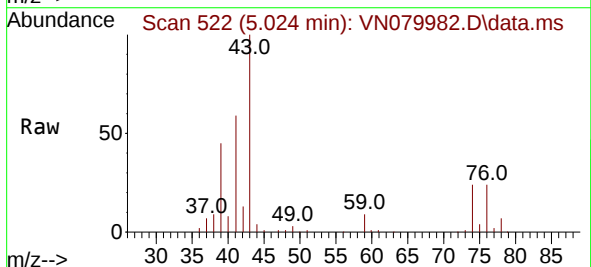
Tgt Ion: 56 Resp: 13502
Ion Ratio Lower Upper
56 100
55 69.1 54.5 81.7

Manual Integrations
APPROVED

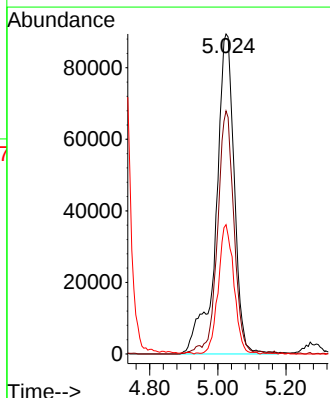
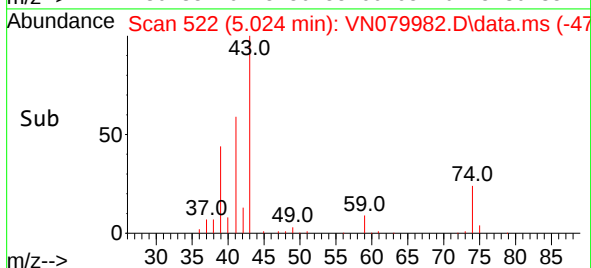
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

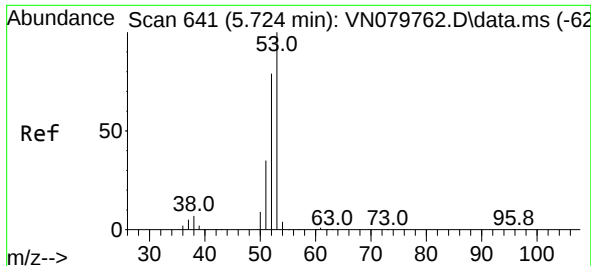


#14
Allyl chloride
Concen: 62.717 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



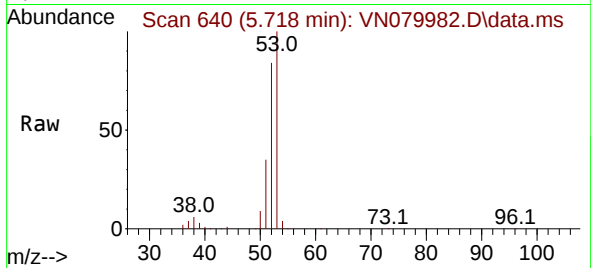
Tgt Ion: 41 Resp: 332445
Ion Ratio Lower Upper
41 100
39 68.2 58.8 88.2
76 34.5 39.1 58.7#





#15
Acrylonitrile
Concen: 300.287 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

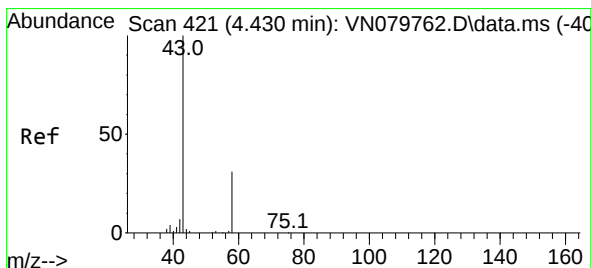
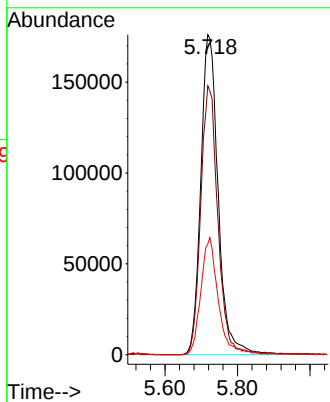
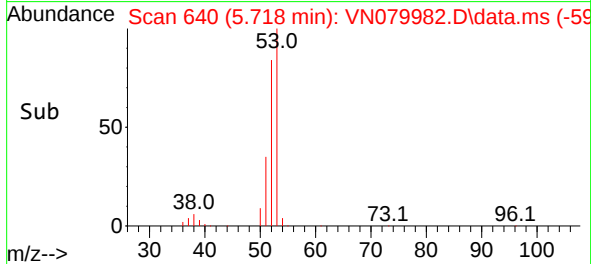
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 585168
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.6 28.9 43.3

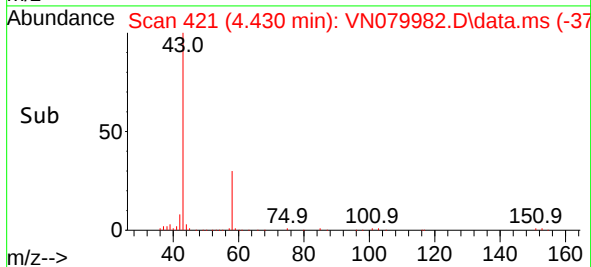
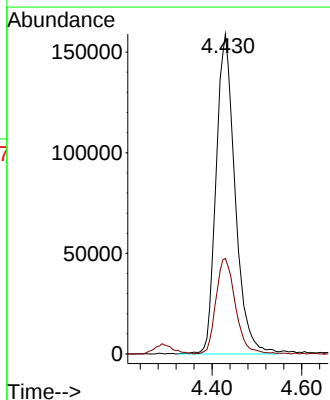
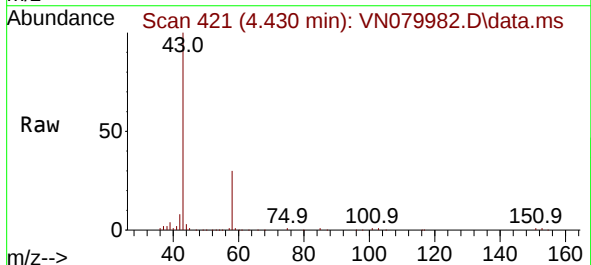
Manual Integrations
APPROVED

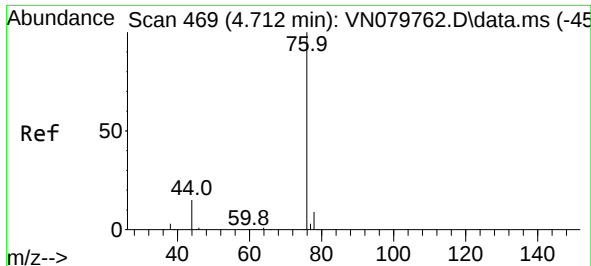
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#16
Acetone
Concen: 272.511 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

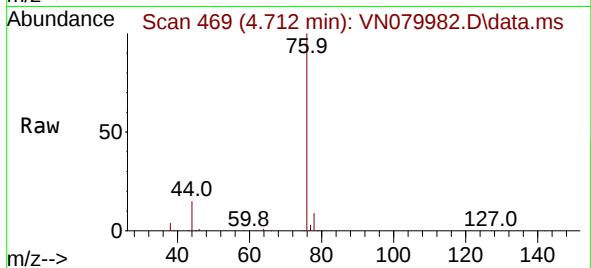
Tgt Ion: 43 Resp: 468894
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0





#17
Carbon Disulfide
Concen: 46.983 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

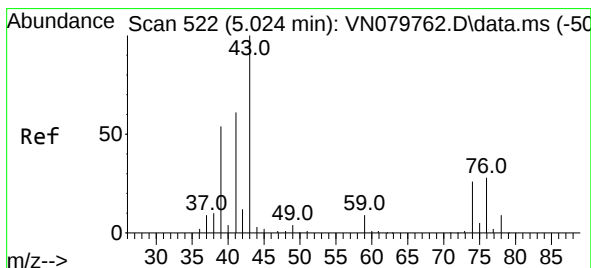
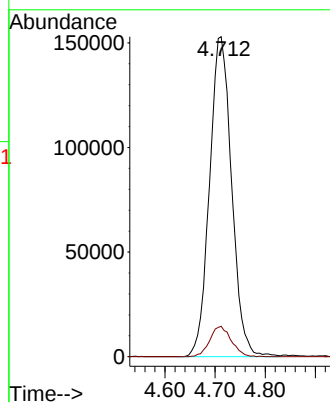
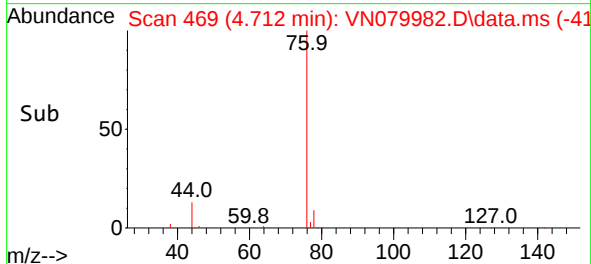
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC



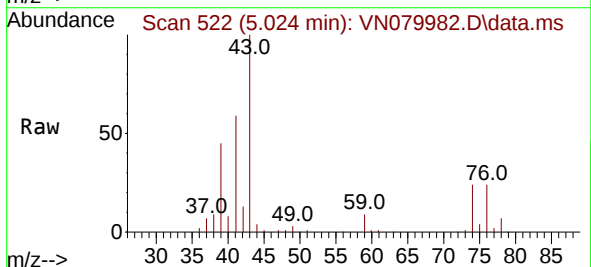
Tgt Ion: 76 Resp: 469023
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
APPROVED

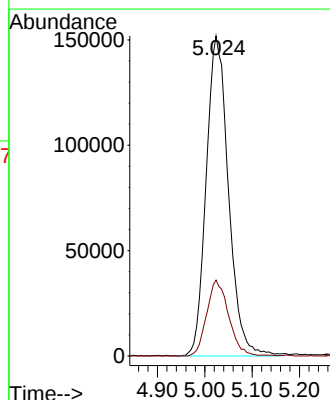
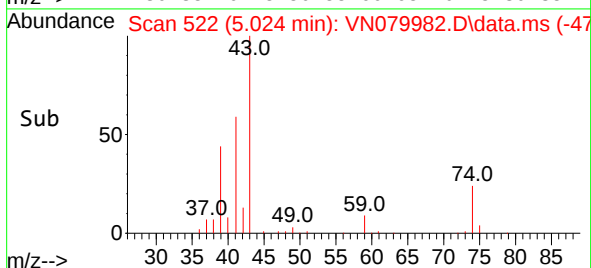
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

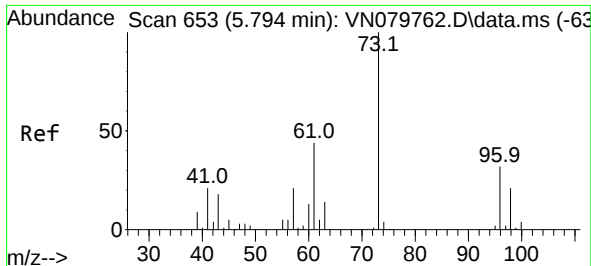


#18
Methyl Acetate
Concen: 60.212 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



Tgt Ion: 43 Resp: 495668
Ion Ratio Lower Upper
43 100
74 23.3 26.2 39.4#





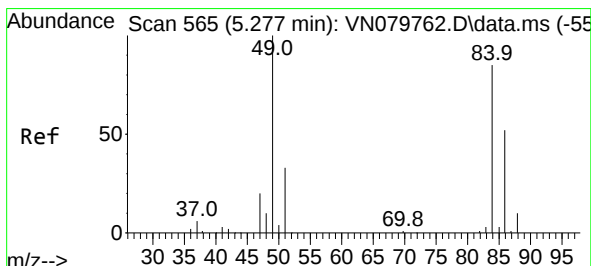
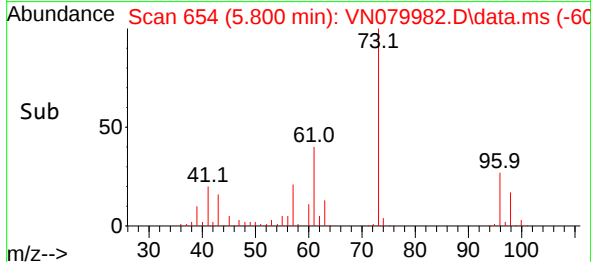
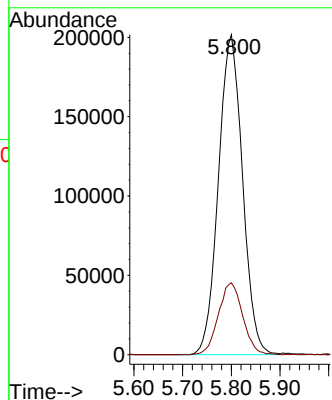
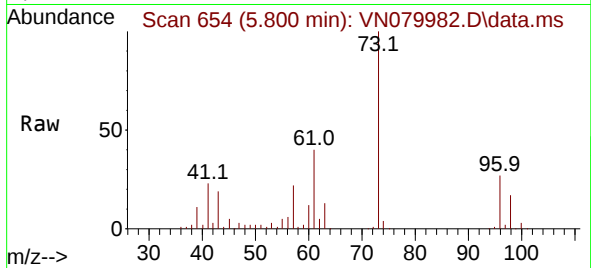
#19
Methyl tert-butyl Ether
Concen: 58.167 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 69306
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4

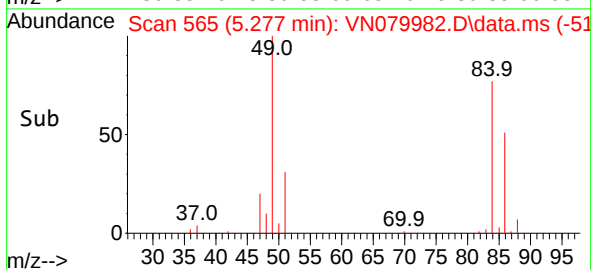
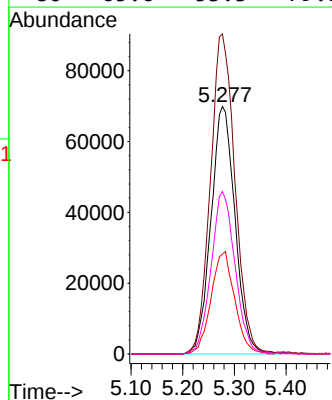
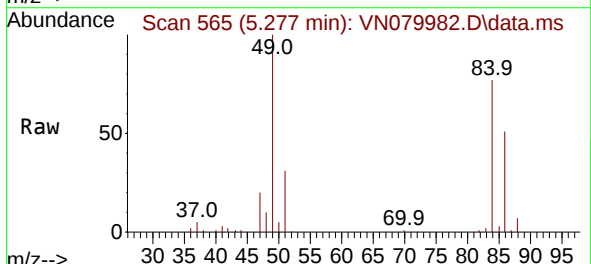
Manual Integrations
APPROVED

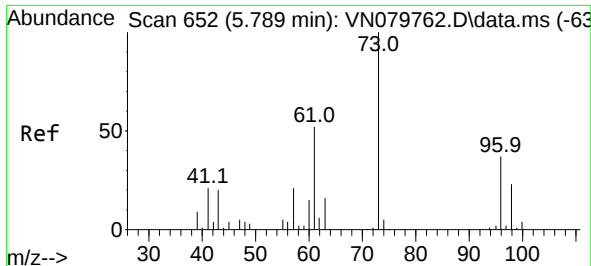
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 52.163 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

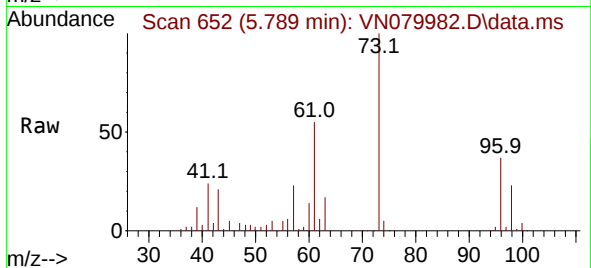
Tgt Ion: 84 Resp: 226473
Ion Ratio Lower Upper
84 100
49 129.3 79.7 119.5#
51 40.4 25.2 37.8#
86 65.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 53.892 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

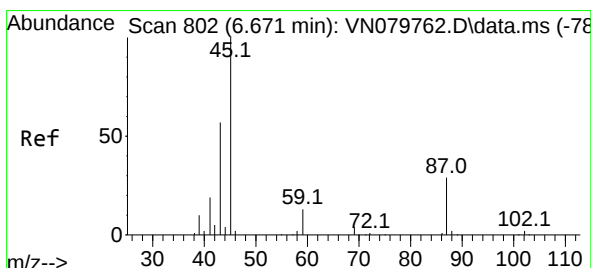
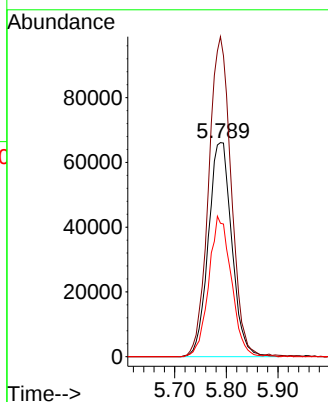
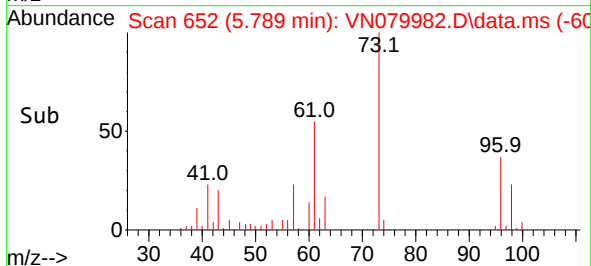
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 208012
Ion Ratio Lower Upper
96 100
61 149.5 90.1 135.1
98 62.4 46.4 69.6

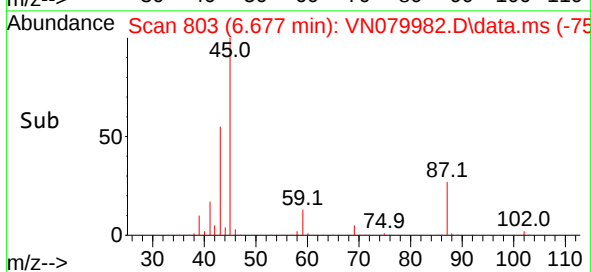
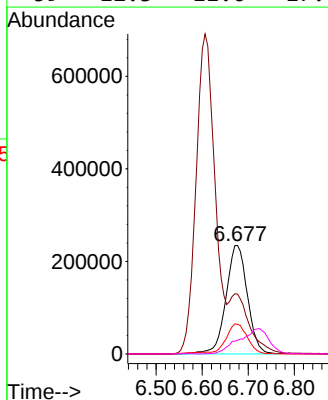
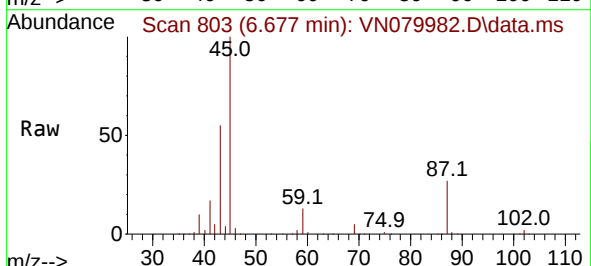
Manual Integrations
APPROVED

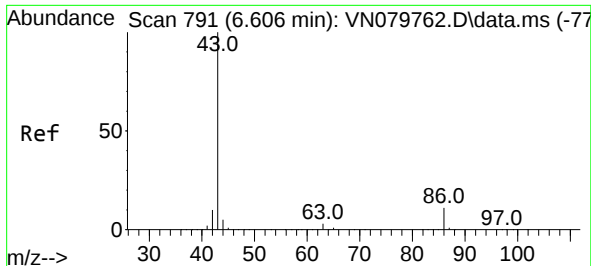
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#22
Diisopropyl ether
Concen: 61.481 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Tgt Ion: 45 Resp: 755235
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 27.2 31.8 47.8
59 12.3 11.6 17.4





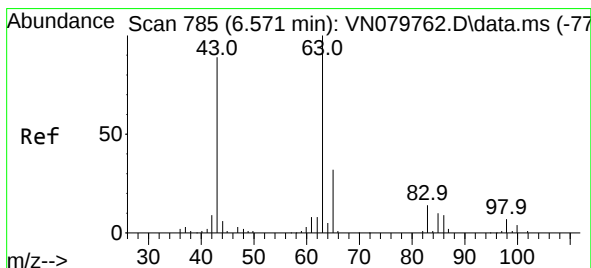
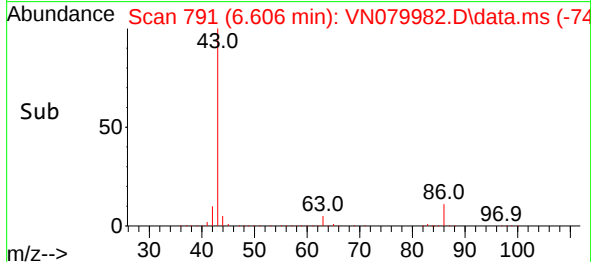
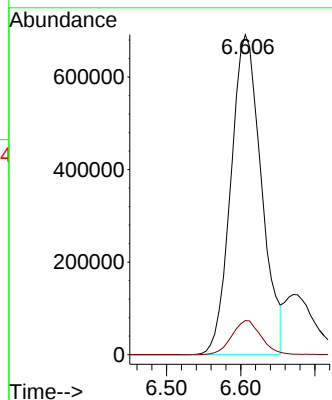
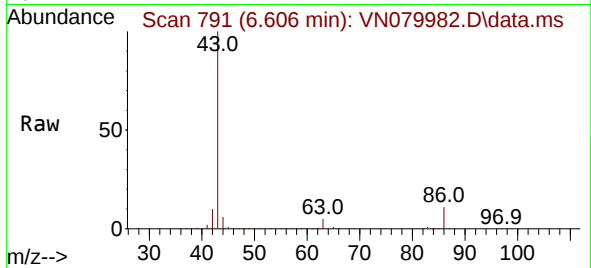
#23
 Vinyl Acetate
 Concen: 291.941 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079982.D
 Acq: 07 Nov 2023 22:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1978138
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6

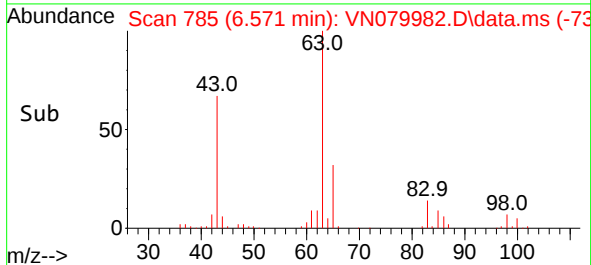
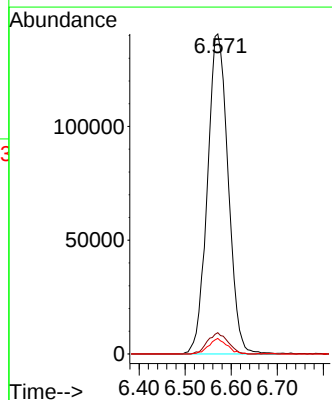
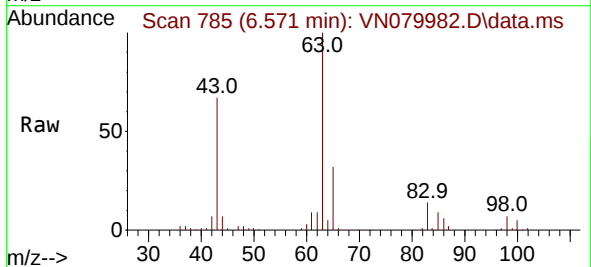
Manual Integrations
 APPROVED

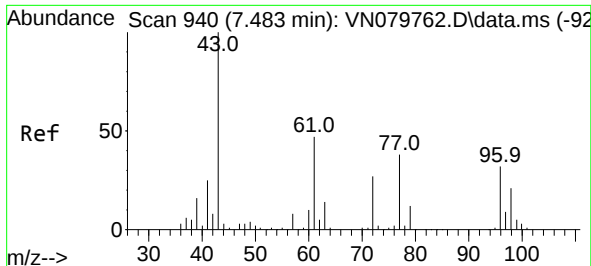
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 58.979 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079982.D
 Acq: 07 Nov 2023 22:09

Tgt Ion: 63 Resp: 440351
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.8 2.5 7.4





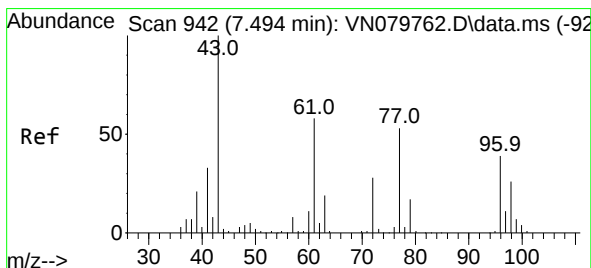
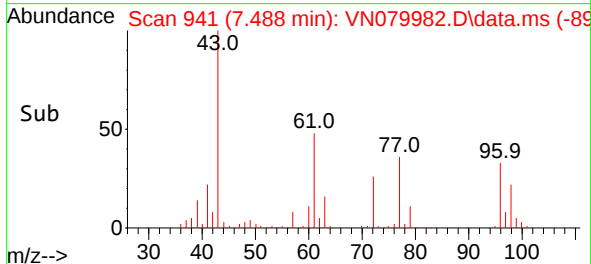
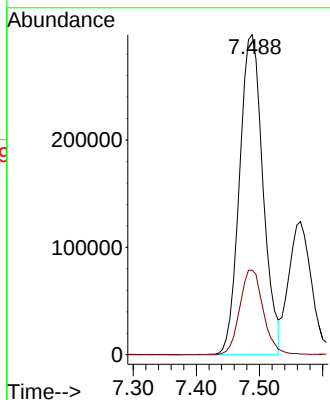
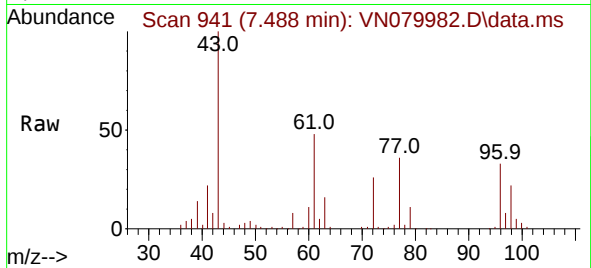
#25
2-Butanone
Concen: 305.533 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 769833
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2

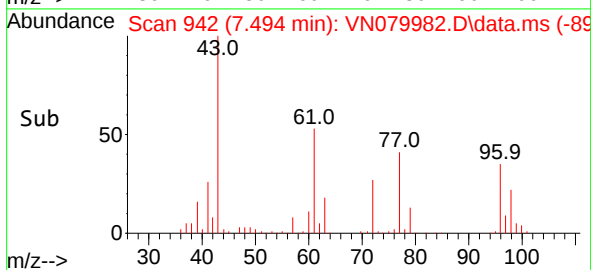
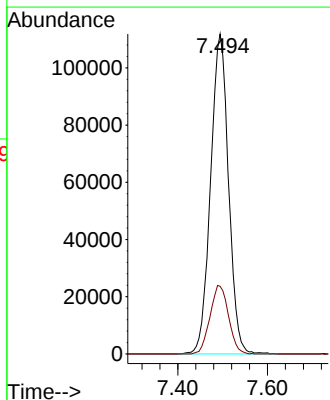
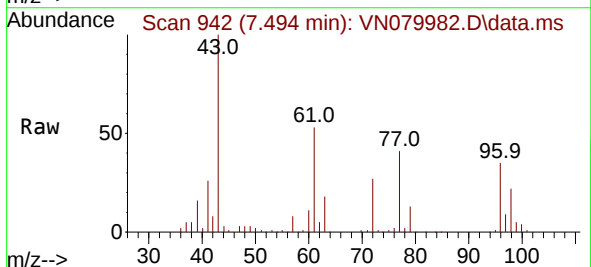
Manual Integrations
APPROVED

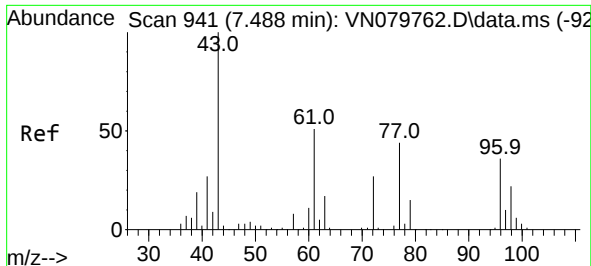
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#26
2,2-Dichloropropane
Concen: 50.356 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

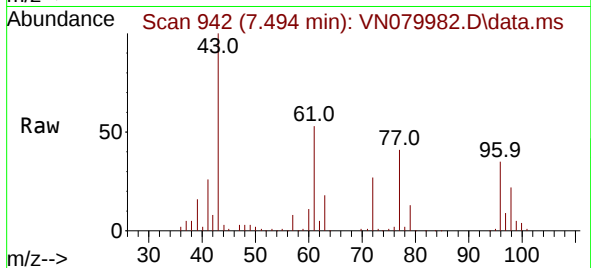
Tgt Ion: 77 Resp: 310938
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 54.593 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN079982.D
 Acq: 07 Nov 2023 22:09

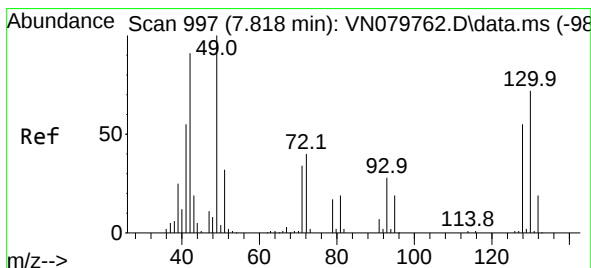
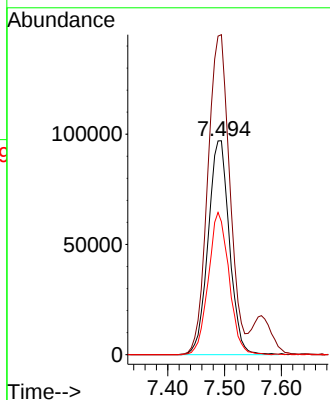
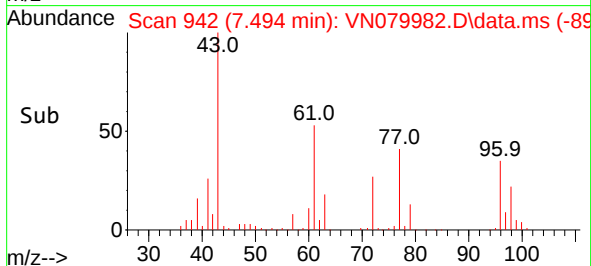
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 25205
 Ion Ratio Lower Upper
 96 100
 61 155.5 0.0 255.2
 98 64.8 0.0 128.8

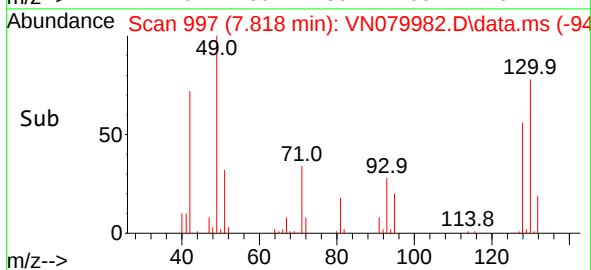
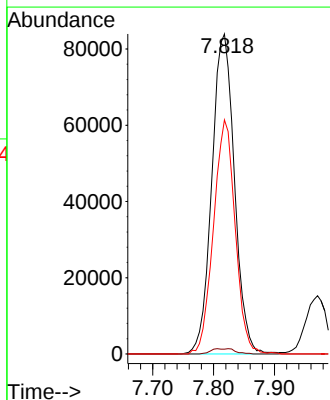
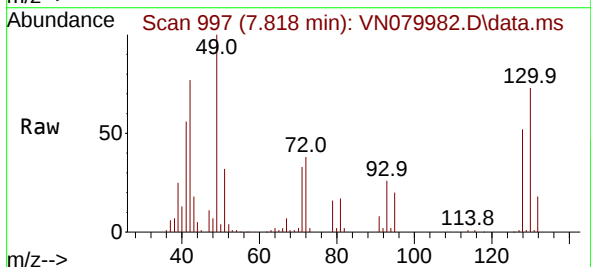
Manual Integrations
 APPROVED

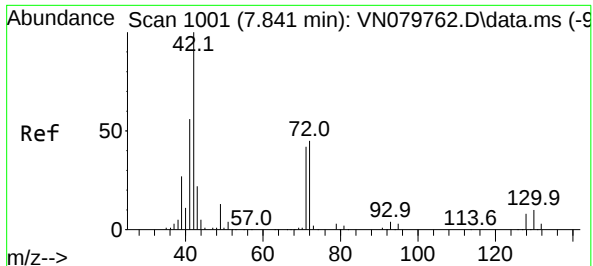
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#28
 Bromochloromethane
 Concen: 59.580 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079982.D
 Acq: 07 Nov 2023 22:09

Tgt Ion: 49 Resp: 216786
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.8
 130 69.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 315.112 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 51656

Ion Ratio Lower Upper

42 100

72 43.6 49.8 74.6

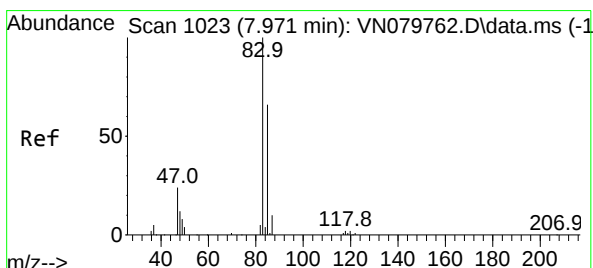
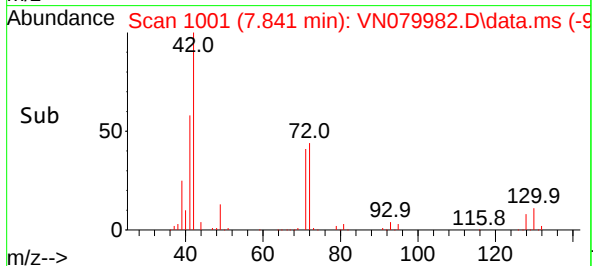
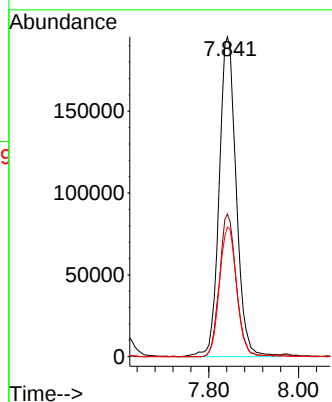
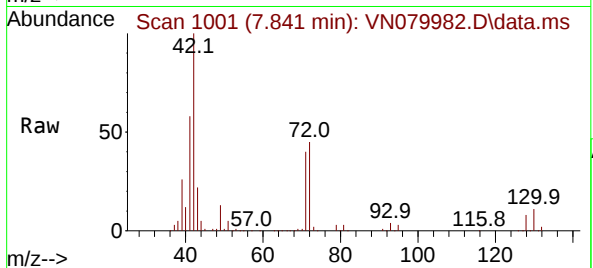
71 41.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#30

Chloroform

Concen: 55.639 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079982.D

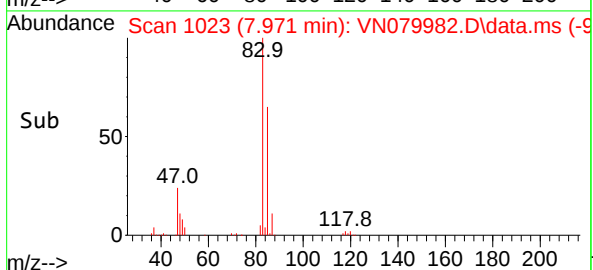
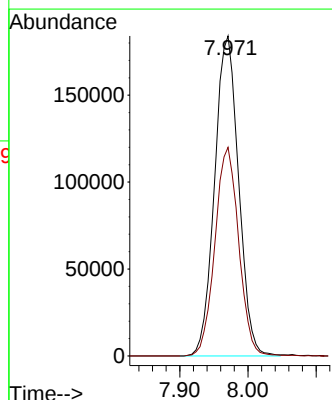
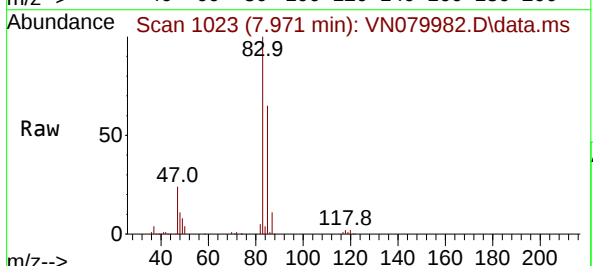
Acq: 07 Nov 2023 22:09

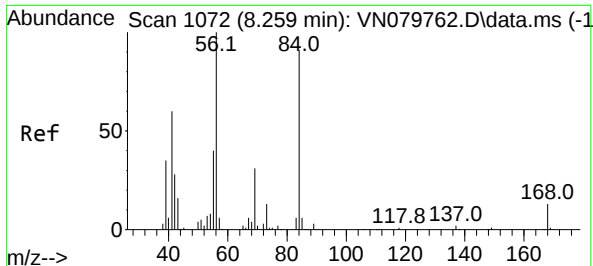
Tgt Ion: 83 Resp: 451235

Ion Ratio Lower Upper

83 100

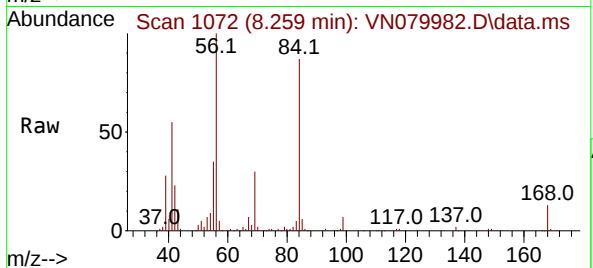
85 65.2 55.4 83.0





#31
Cyclohexane
Concen: 52.478 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

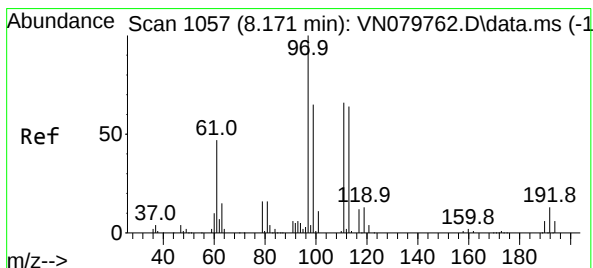
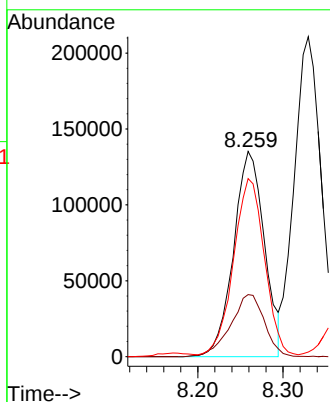
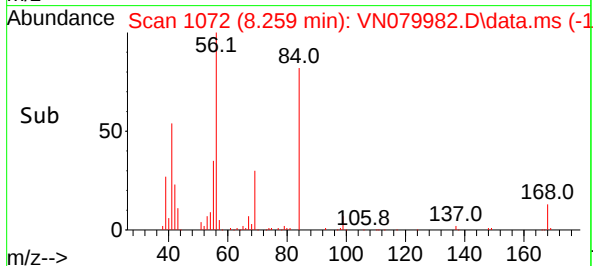
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



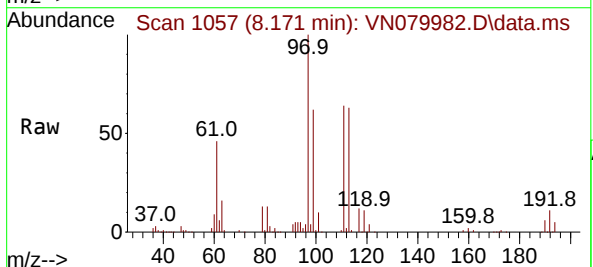
Tgt Ion: 56 Resp: 339680
Ion Ratio Lower Upper
56 100
69 30.3 26.8 40.2
84 85.0 81.8 122.6

Manual Integrations
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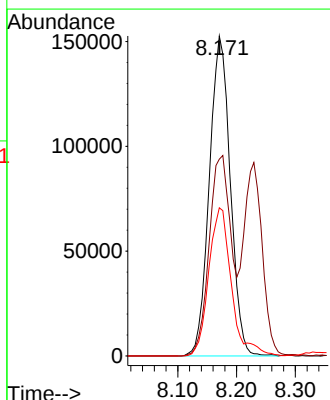
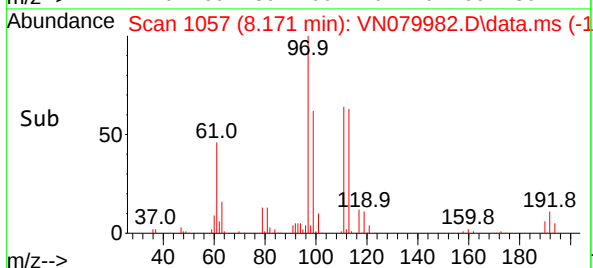
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

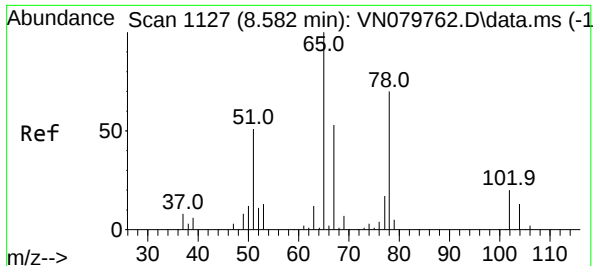


#32
1,1,1-Trichloroethane
Concen: 57.235 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



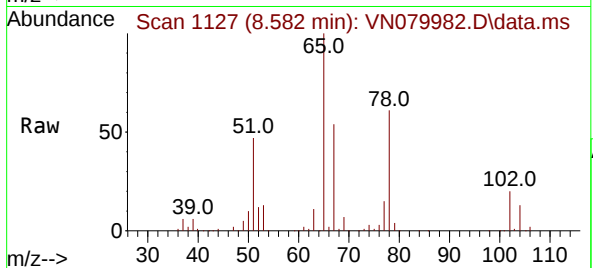
Tgt Ion: 97 Resp: 378215
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 50.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 59.813 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

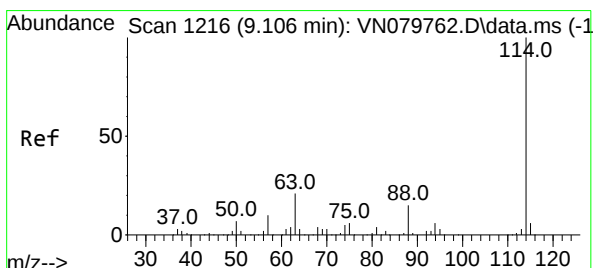
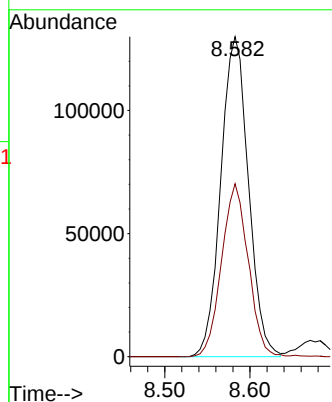
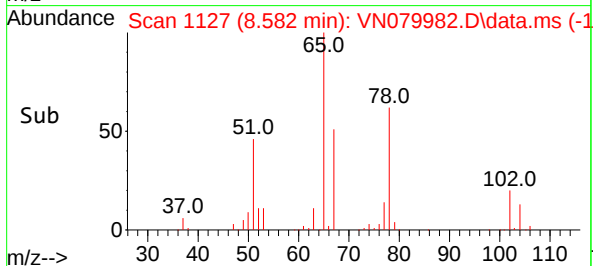
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



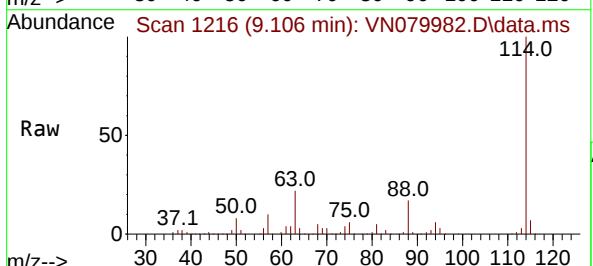
Tgt Ion: 65 Resp: 292998
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6

Manual Integrations
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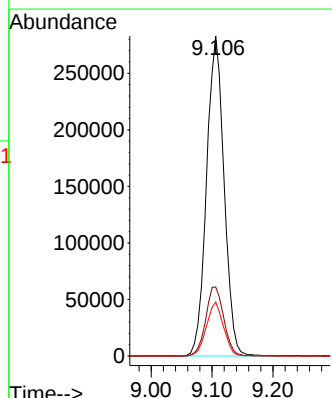
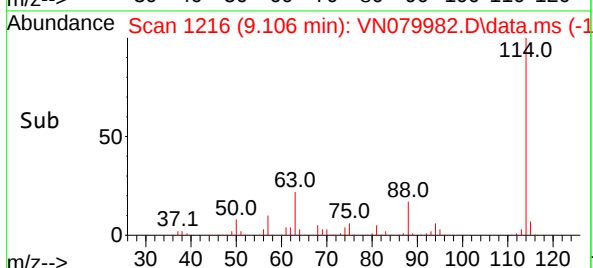
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

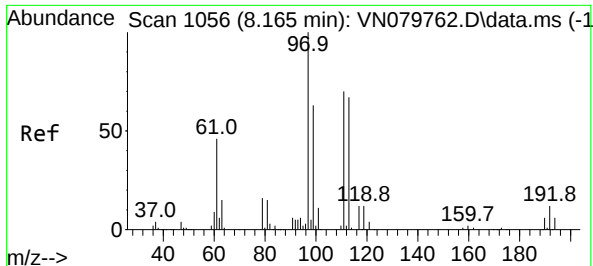


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



Tgt Ion:114 Resp: 566227
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.4
88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.779 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 231550

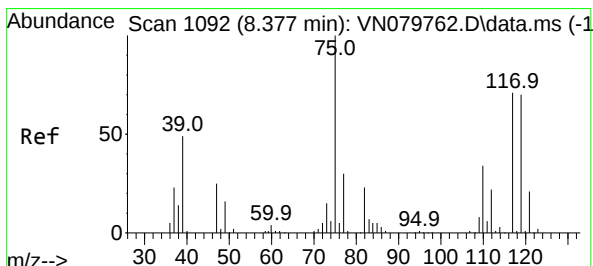
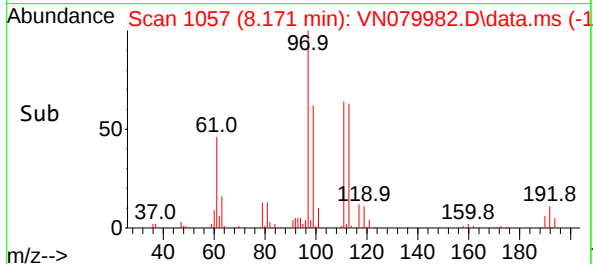
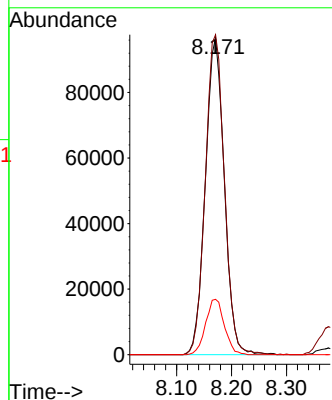
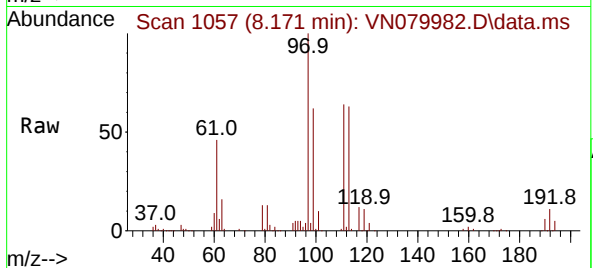
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	17.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#36

1,1-Dichloropropene

Concen: 55.934 ug/l

RT: 8.377 min Scan# 1092

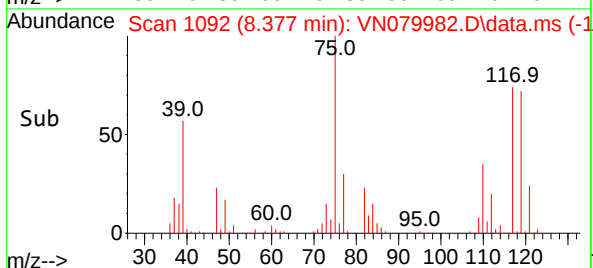
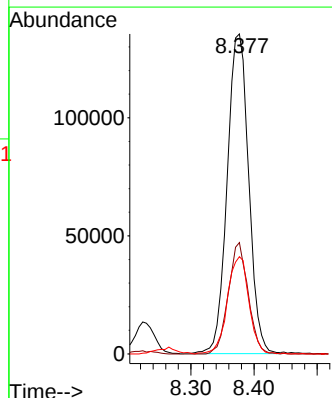
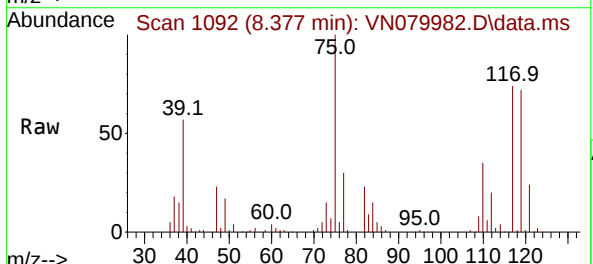
Delta R.T. 0.000 min

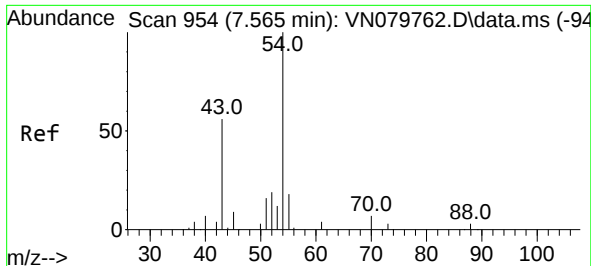
Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Tgt Ion: 75 Resp: 320060

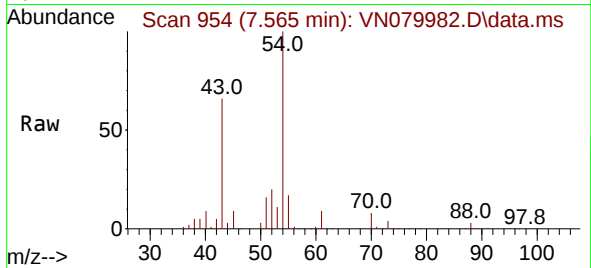
Ion	Ratio	Lower	Upper
75	100		
110	32.2	19.1	57.3
77	30.7	25.0	37.4





#37
Ethyl Acetate
Concen: 60.975 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

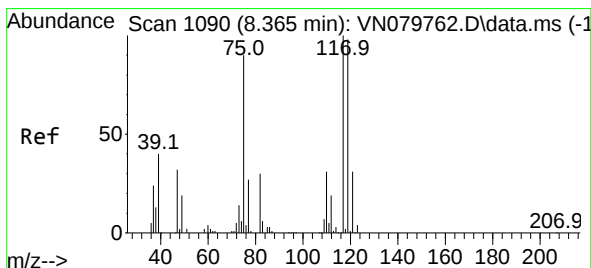
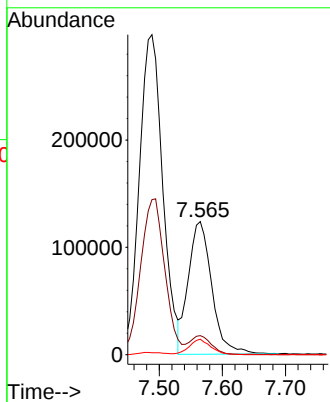
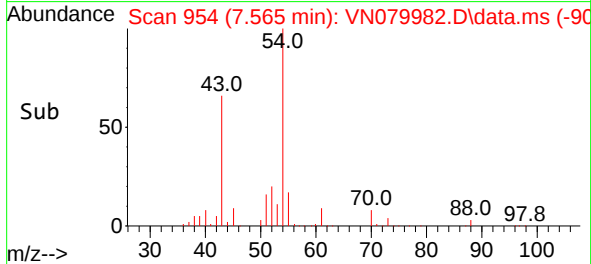
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 319984
Ion Ratio Lower Upper
43 100
61 12.4 13.2 19.8
70 10.5 11.3 16.9

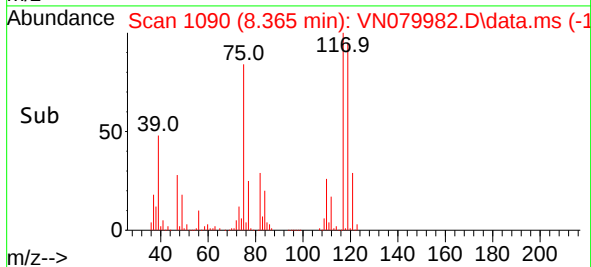
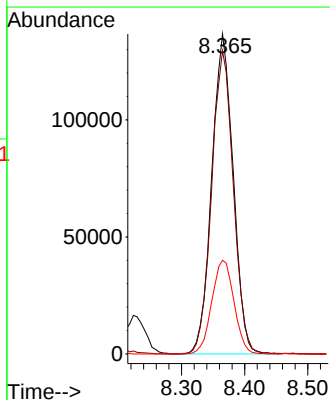
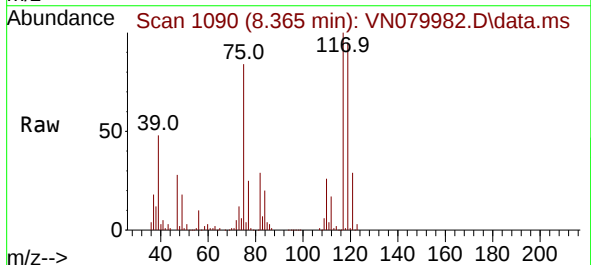
Manual Integrations
APPROVED

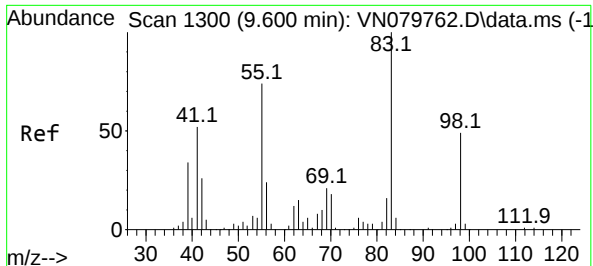
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#38
Carbon Tetrachloride
Concen: 56.015 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Tgt Ion:117 Resp: 323030
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
121 29.2 23.3 34.9





#39

Methylcyclohexane

Concen: 56.379 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 303600

Ion Ratio Lower Upper

83 100

55 77.6 49.1 73.7

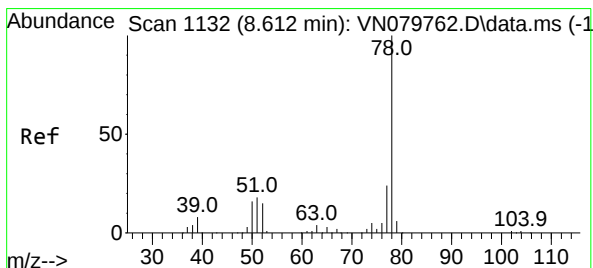
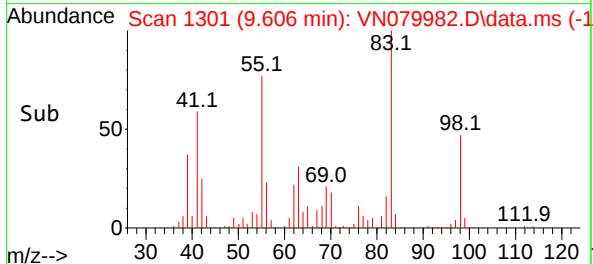
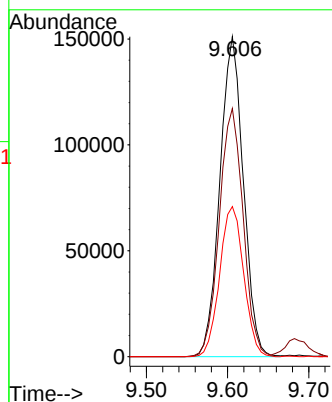
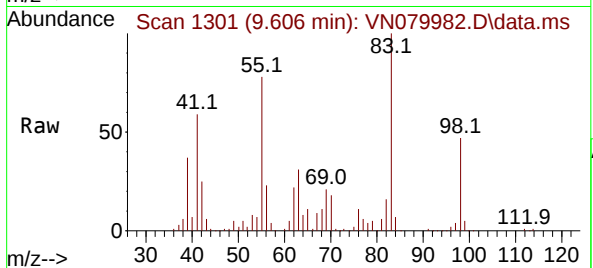
98 46.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#40

Benzene

Concen: 56.769 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079982.D

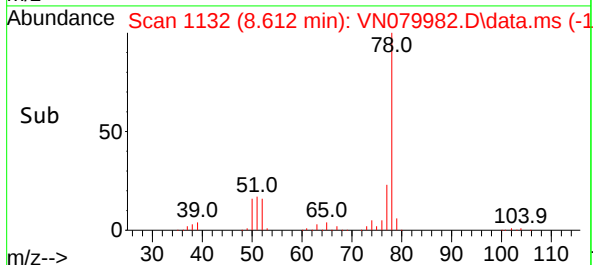
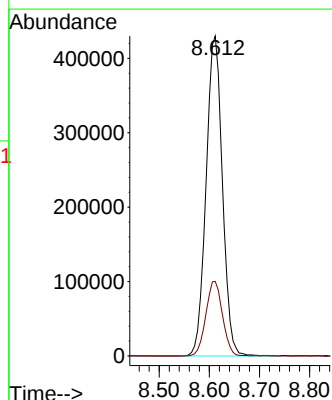
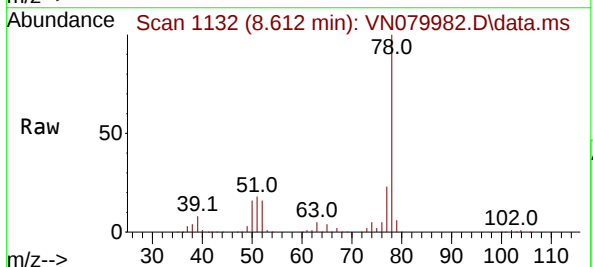
Acq: 07 Nov 2023 22:09

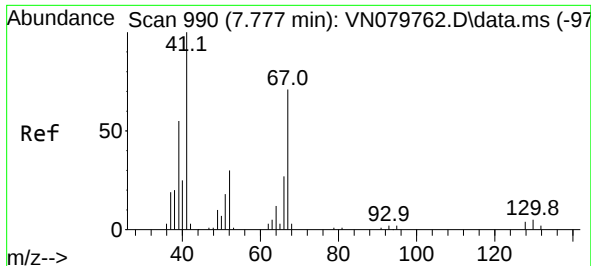
Tgt Ion: 78 Resp: 972926

Ion Ratio Lower Upper

78 100

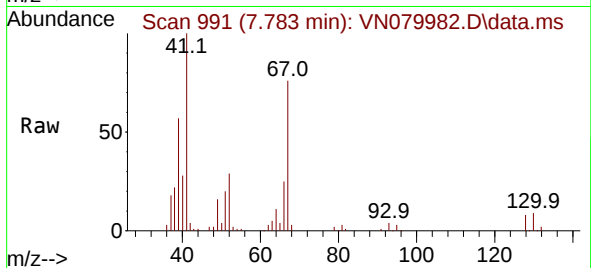
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 66.857 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

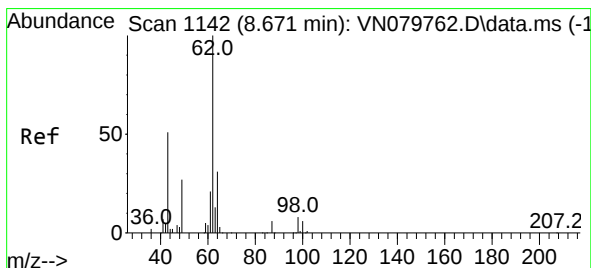
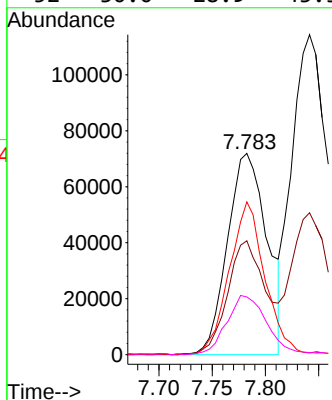
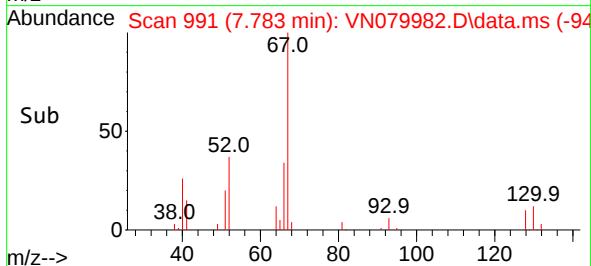
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 186312
Ion Ratio Lower Upper
41 100
39 54.7 42.6 64.0
67 68.3 77.5 116.3
52 30.0 28.9 43.3

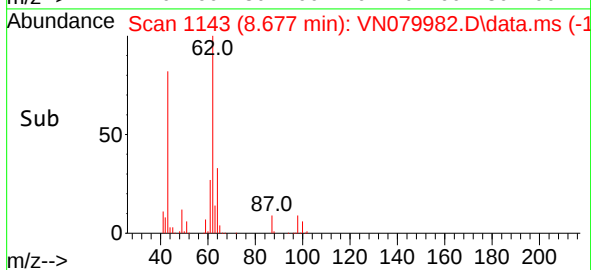
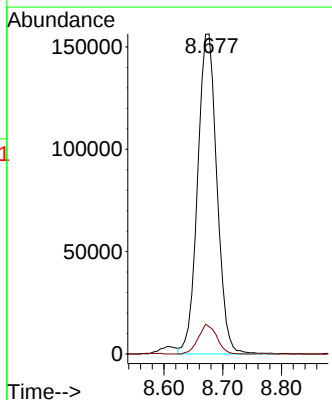
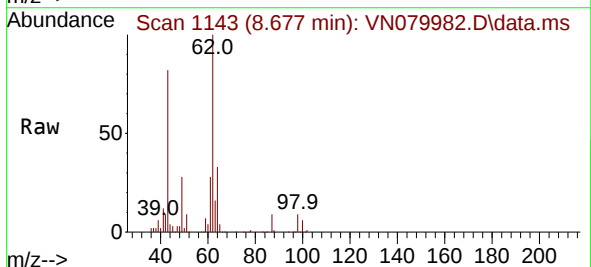
Manual Integrations
APPROVED

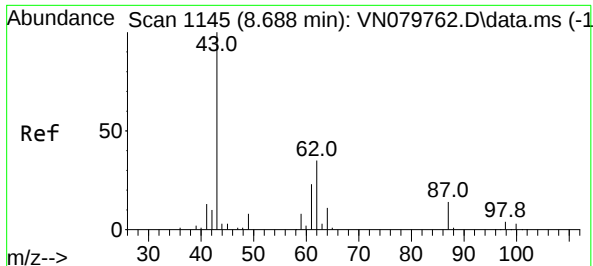
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#42
1,2-Dichloroethane
Concen: 59.608 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Tgt Ion: 62 Resp: 356845
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 57.580 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 52991

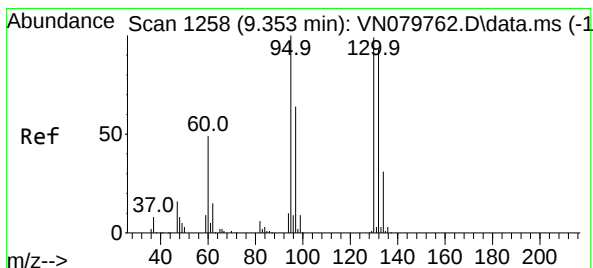
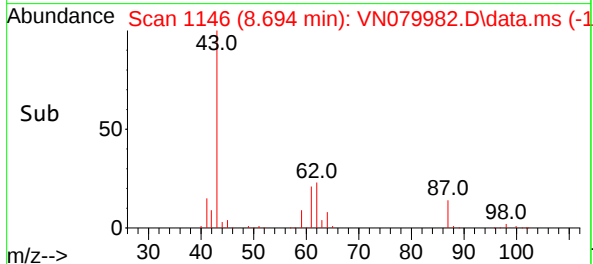
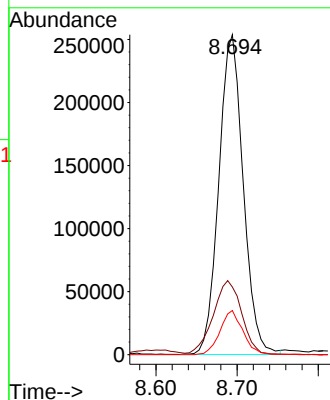
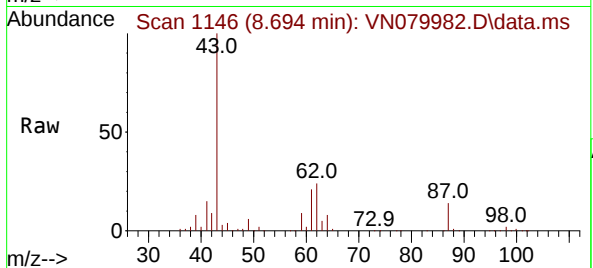
Ion	Ratio	Lower	Upper
43	100		
61	27.2	24.7	37.1
87	13.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#44

Trichloroethene

Concen: 53.375 ug/l

RT: 9.353 min Scan# 1258

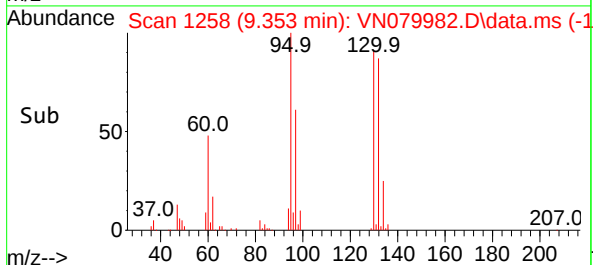
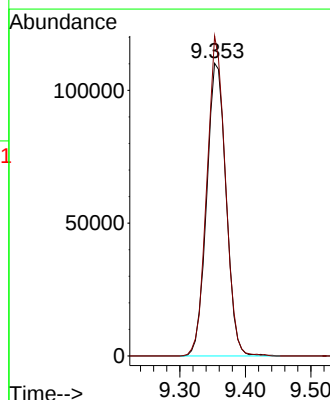
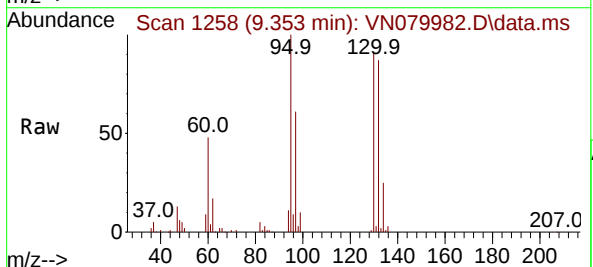
Delta R.T. 0.000 min

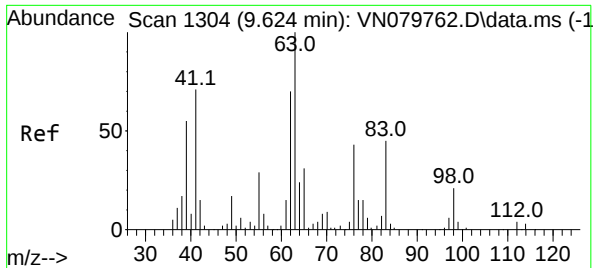
Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Tgt Ion:130 Resp: 226991

Ion	Ratio	Lower	Upper
130	100		
95	109.3	0.0	204.6





#45

1,2-Dichloropropane

Concen: 59.868 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 26221

Ion Ratio Lower Upper

63 100

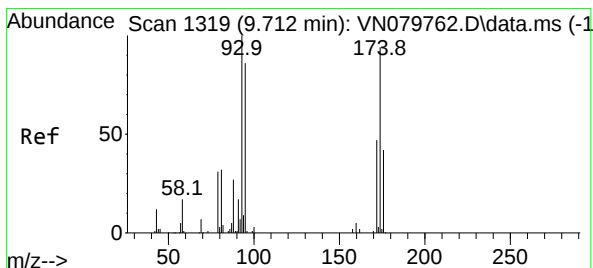
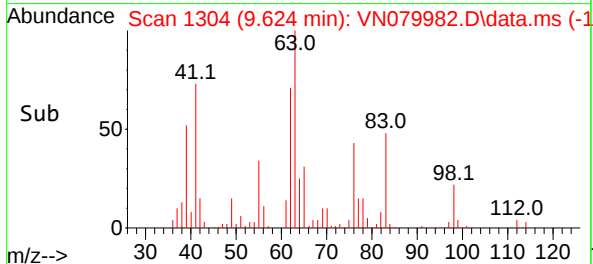
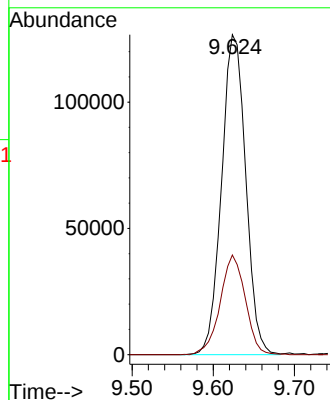
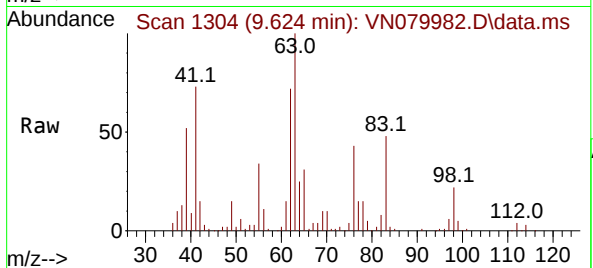
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#46

Dibromomethane

Concen: 56.880 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

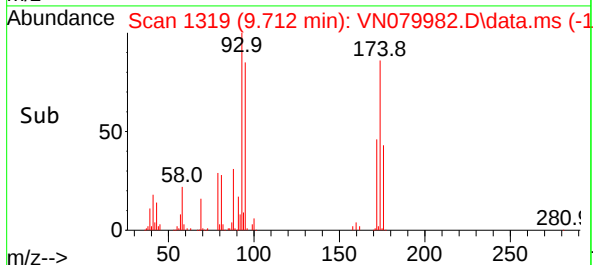
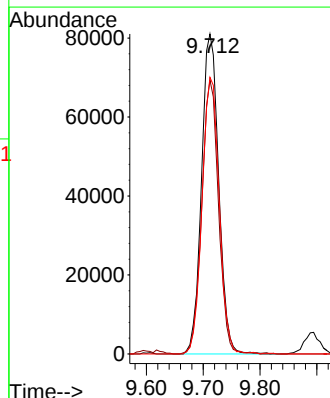
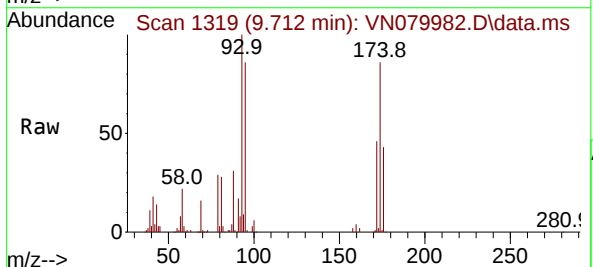
Tgt Ion: 93 Resp: 170107

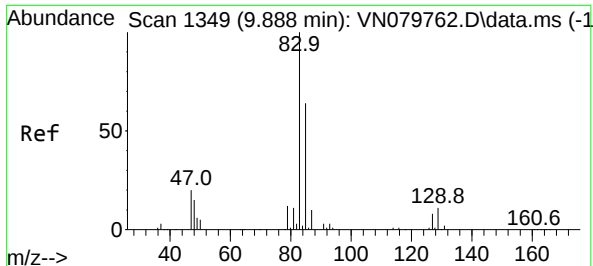
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 86.3 65.6 98.4





#47

Bromodichloromethane

Concen: 55.810 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.006 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

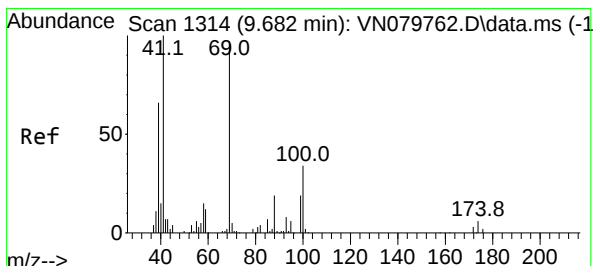
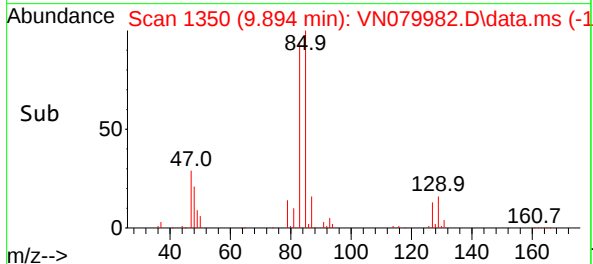
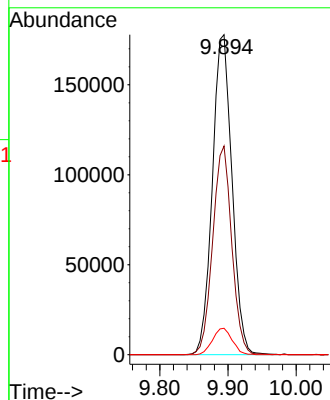
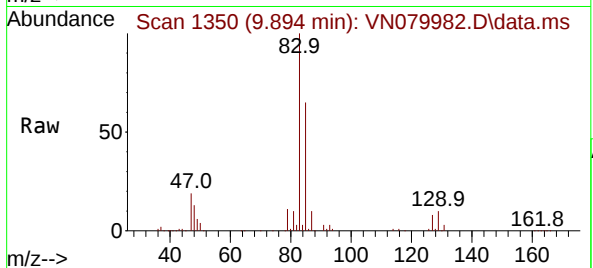
Tgt Ion:	83	Resp:	35595
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.6	74.4
127	8.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#48

Methyl methacrylate

Concen: 65.120 ug/l

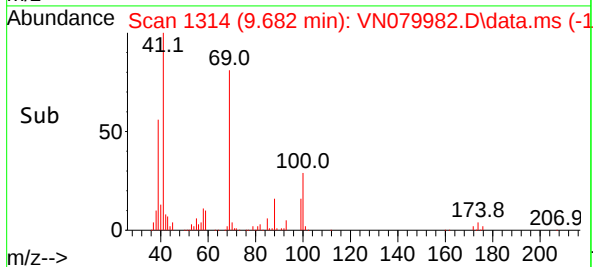
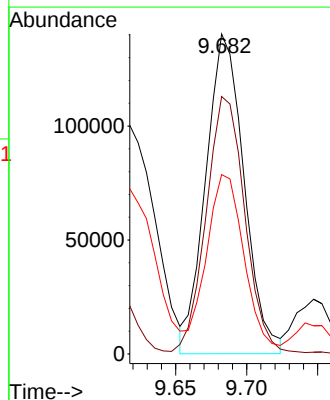
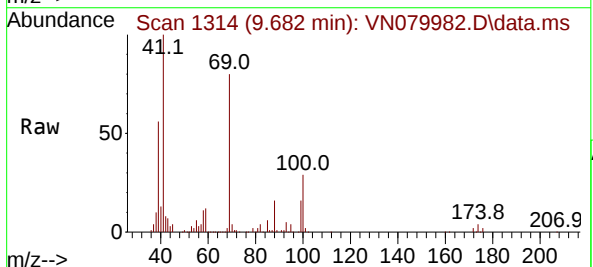
RT: 9.682 min Scan# 1314

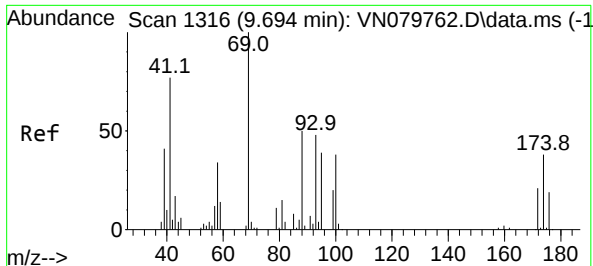
Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Tgt Ion:	41	Resp:	262505
Ion	Ratio	Lower	Upper
41	100		
69	82.3	90.4	135.6
39	56.4	54.6	81.8





#49

1,4-Dioxane

Concen: 1266.962 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 90244

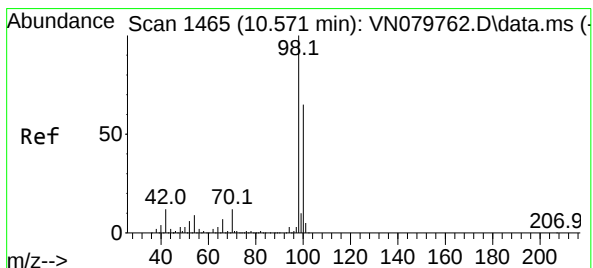
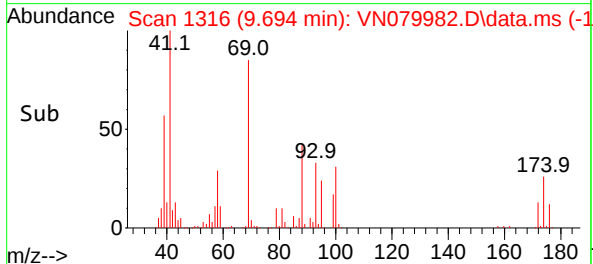
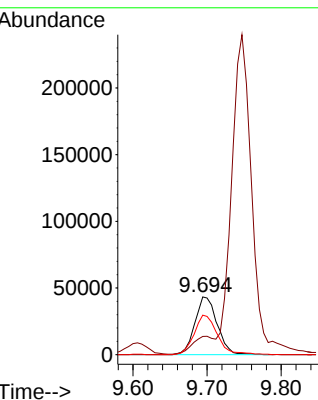
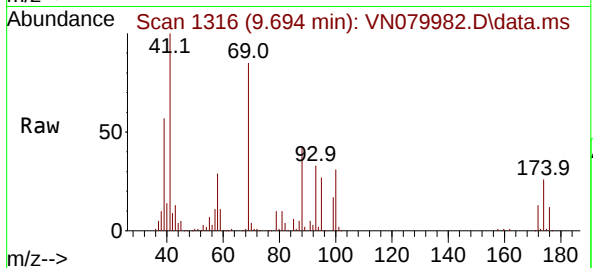
Ion	Ratio	Lower	Upper
88	100		
43	31.4	17.0	25.6
58	71.6	47.0	70.4

Manual Integrations

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Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#50

Toluene-d8

Concen: 56.902 ug/l

RT: 10.571 min Scan# 1465

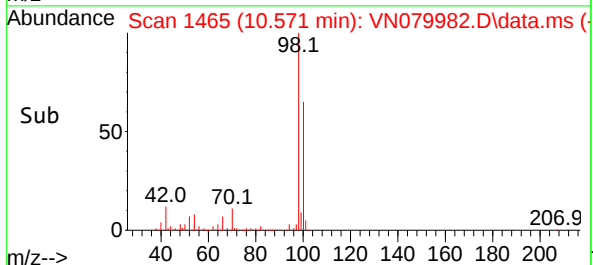
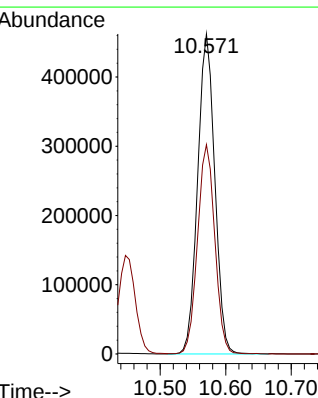
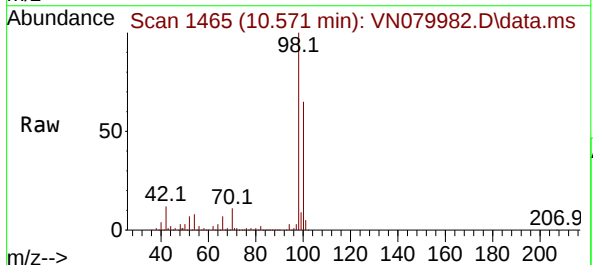
Delta R.T. 0.000 min

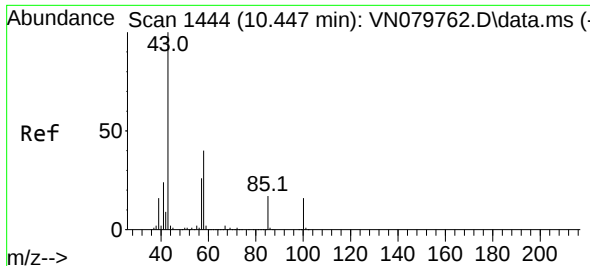
Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Tgt Ion: 98 Resp: 839486

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0





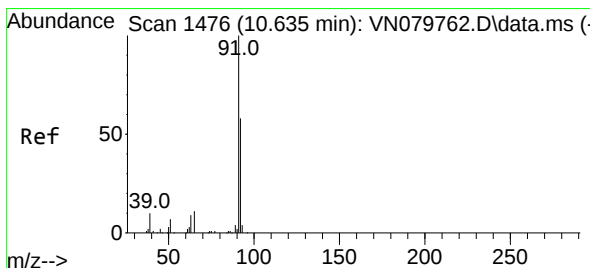
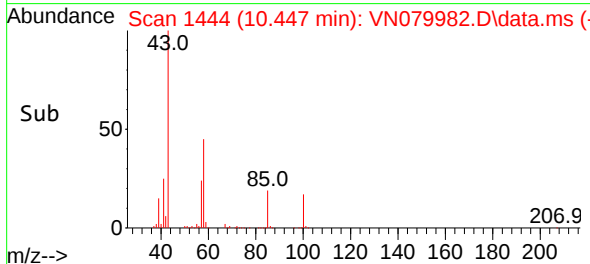
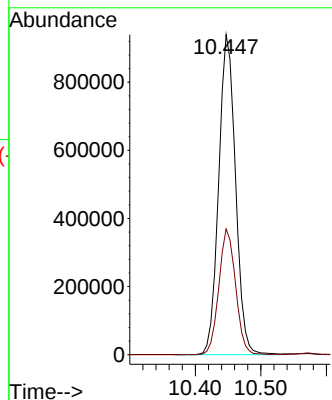
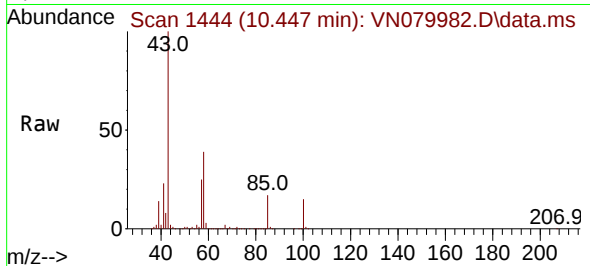
#51
4-Methyl-2-Pentanone
Concen: 322.542 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 167117
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8

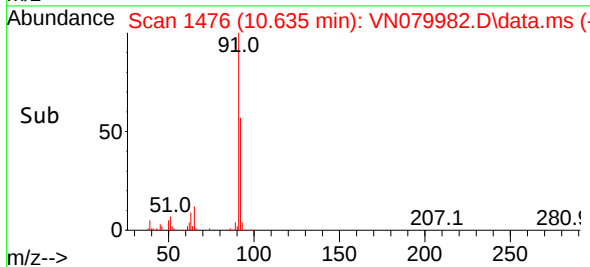
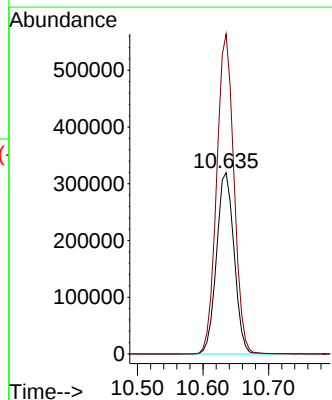
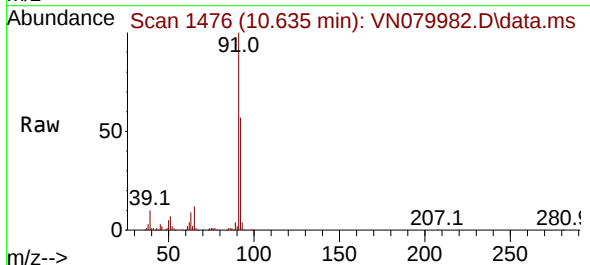
Manual Integrations
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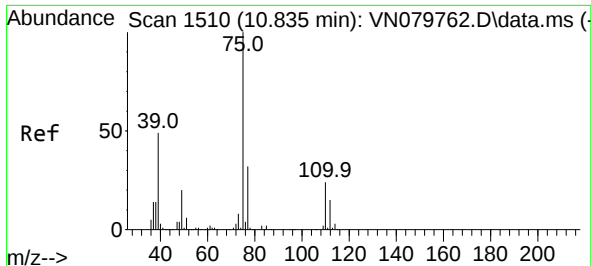
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#52
Toluene
Concen: 58.303 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Tgt Ion: 92 Resp: 592382
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0





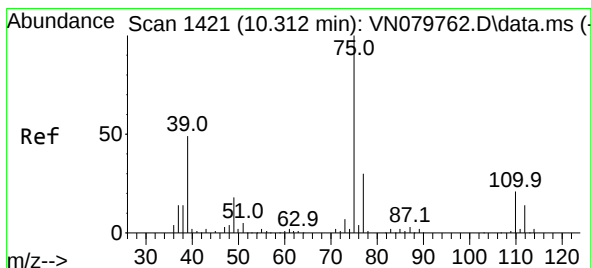
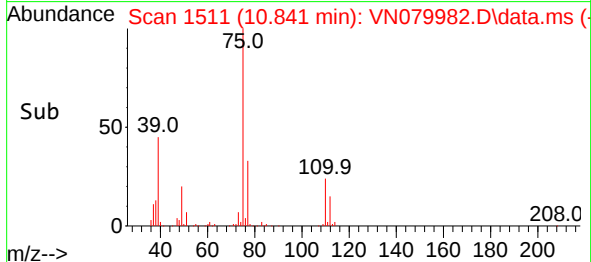
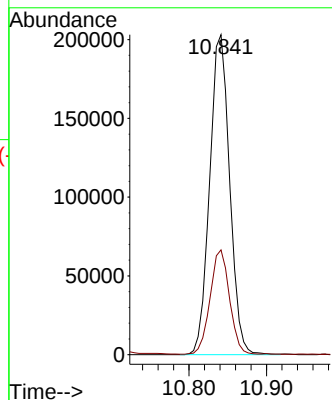
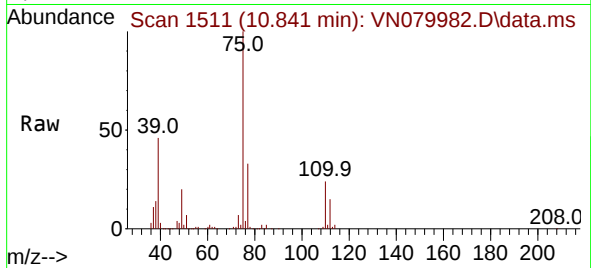
#53
t-1,3-Dichloropropene
Concen: 58.196 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 363869
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

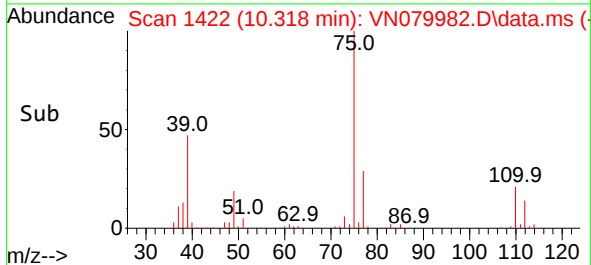
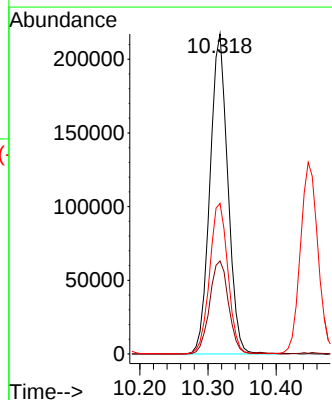
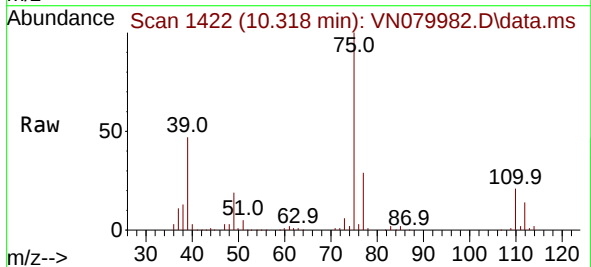
Manual Integrations
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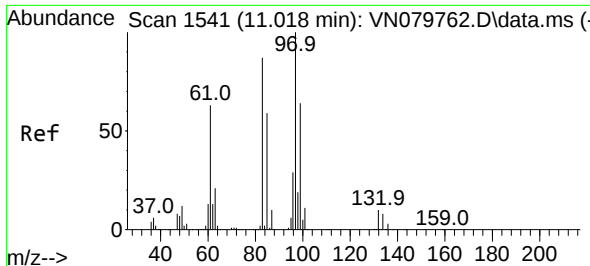
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#54
cis-1,3-Dichloropropene
Concen: 57.975 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

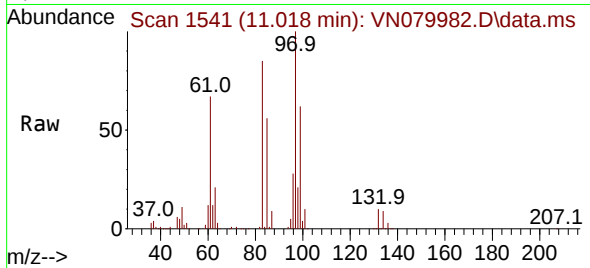
Tgt Ion: 75 Resp: 395103
Ion Ratio Lower Upper
75 100
77 29.0 26.1 39.1
39 47.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 58.679 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

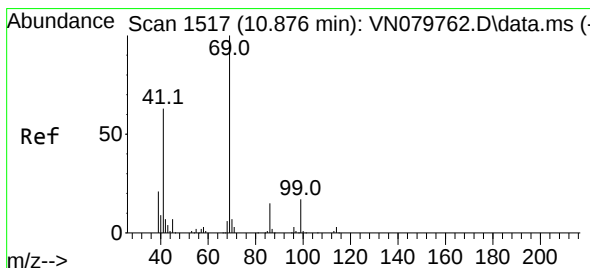
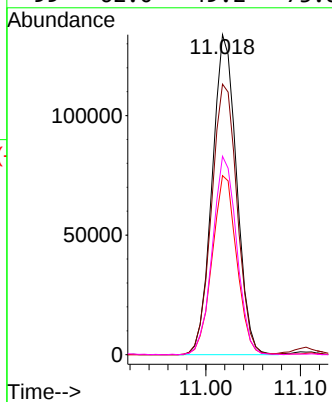
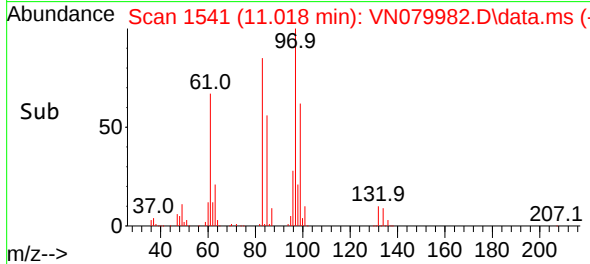
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 23980
Ion Ratio Lower Upper
97 100
83 84.6 65.1 97.7
85 55.9 43.4 65.2
99 62.0 49.2 73.8

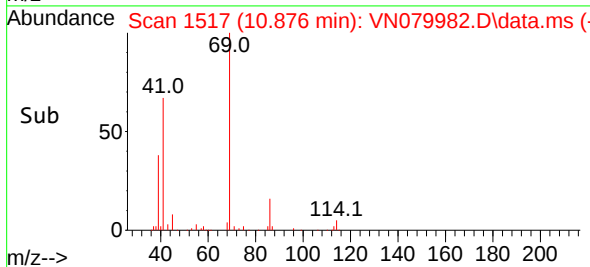
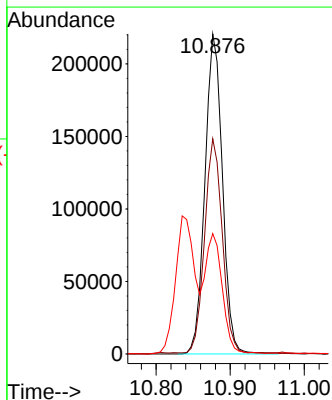
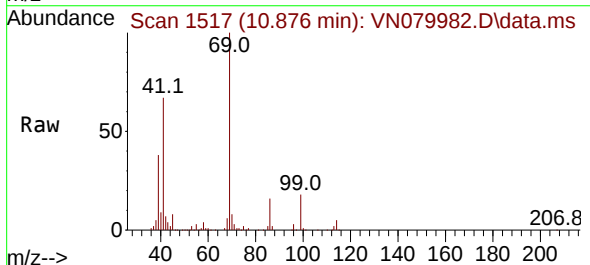
Manual Integrations
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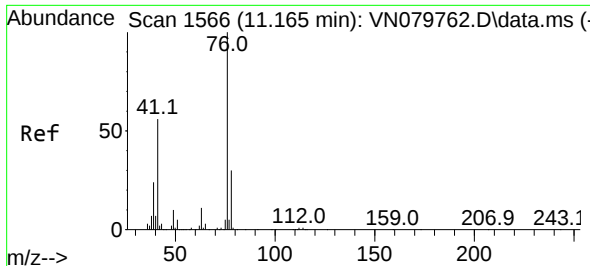
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#56
Ethyl methacrylate
Concen: 62.108 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Tgt Ion: 69 Resp: 362043
Ion Ratio Lower Upper
69 100
41 67.3 39.6 59.4#
39 36.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 59.204 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 426479

Ion Ratio Lower Upper

76 100

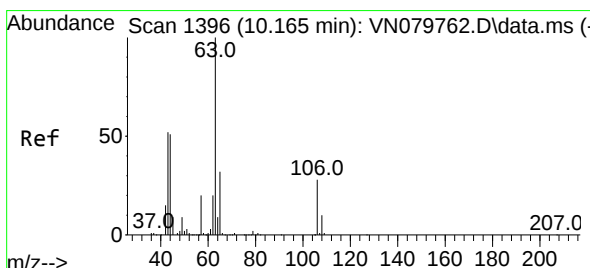
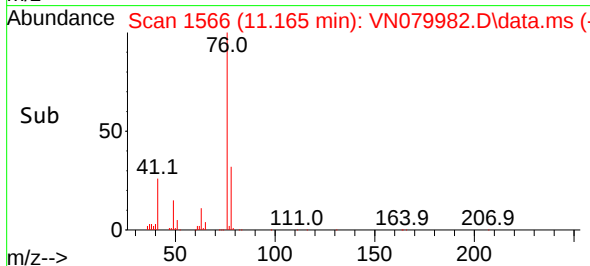
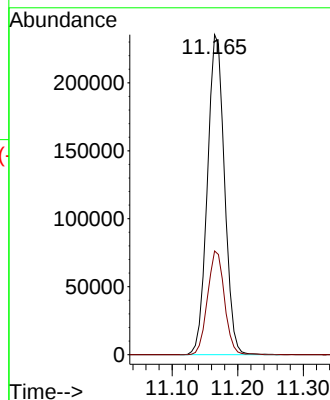
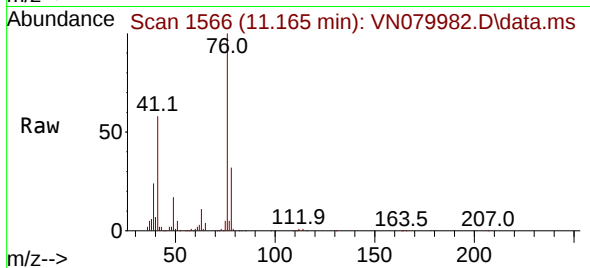
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 299.447 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079982.D

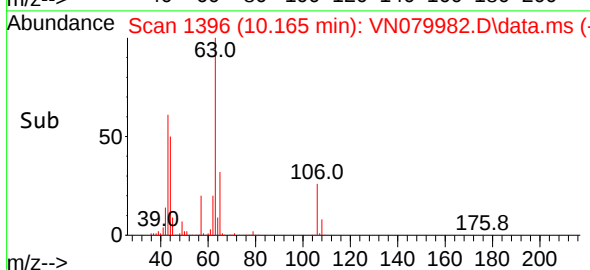
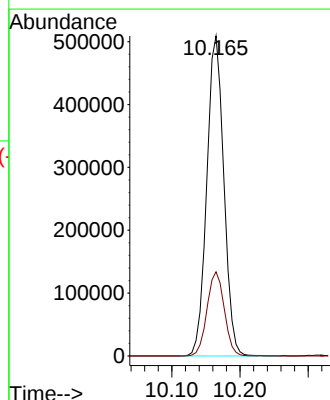
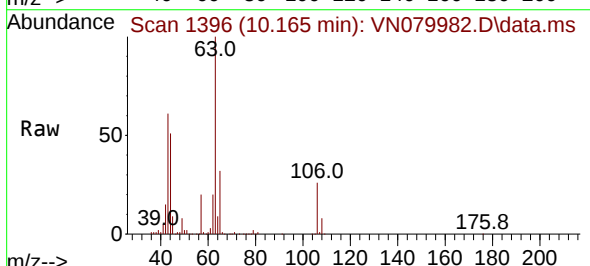
Acq: 07 Nov 2023 22:09

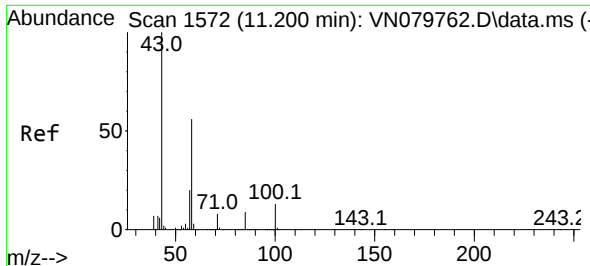
Tgt Ion: 63 Resp: 884708

Ion Ratio Lower Upper

63 100

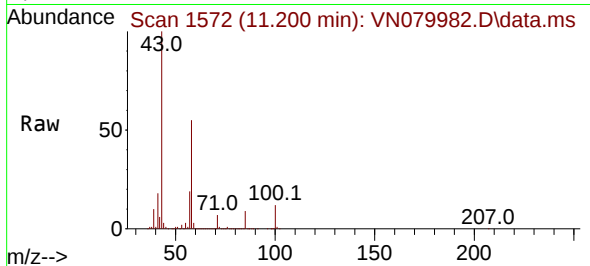
106 26.6 26.2 39.4





#59
2-Hexanone
Concen: 302.431 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

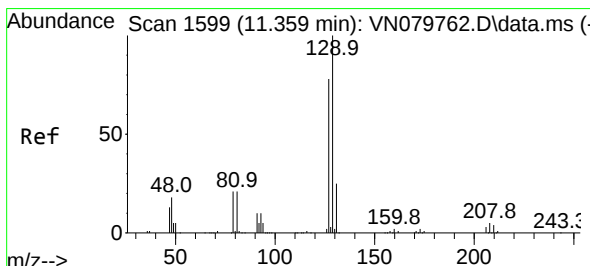
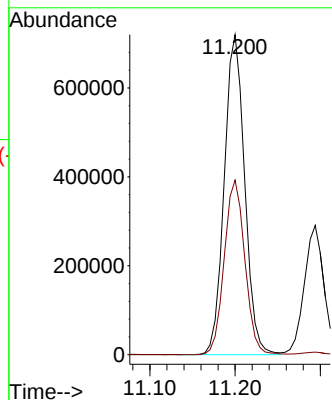
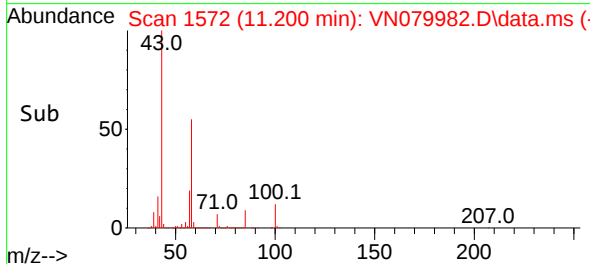
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 119873
Ion Ratio Lower Upper
43 100
58 55.1 31.7 95.1

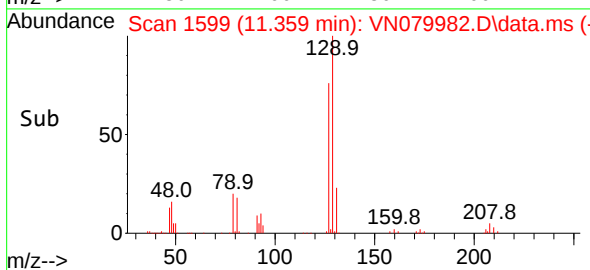
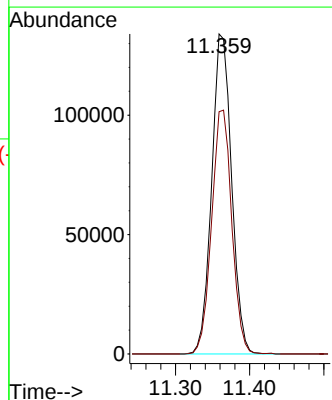
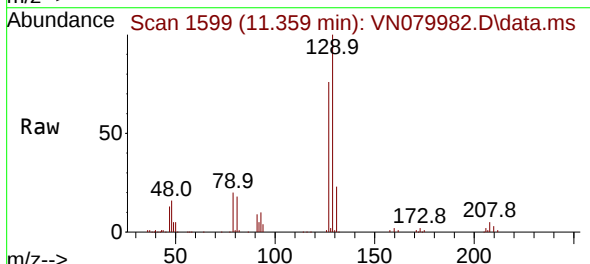
Manual Integrations
APPROVED

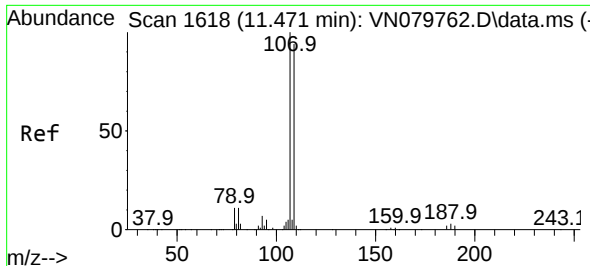
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#60
Dibromochloromethane
Concen: 57.132 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

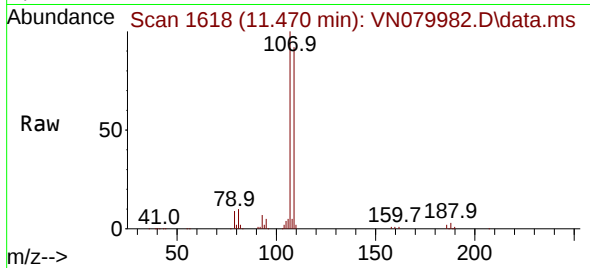
Tgt Ion:129 Resp: 249917
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 57.760 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

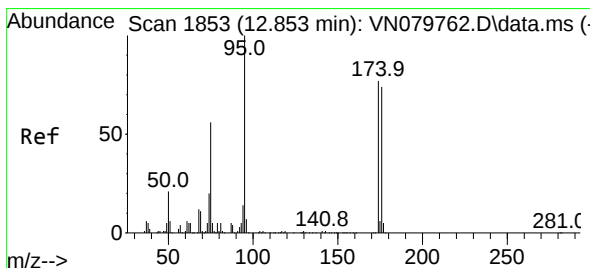
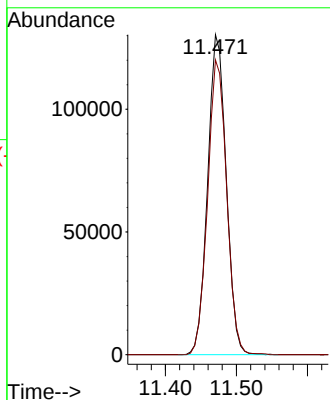
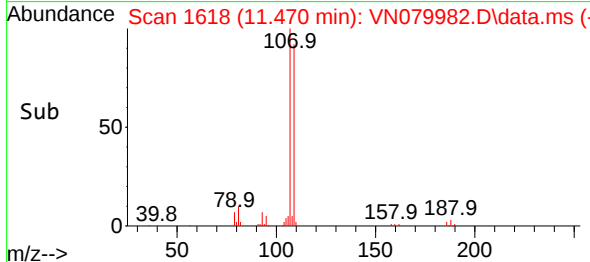
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



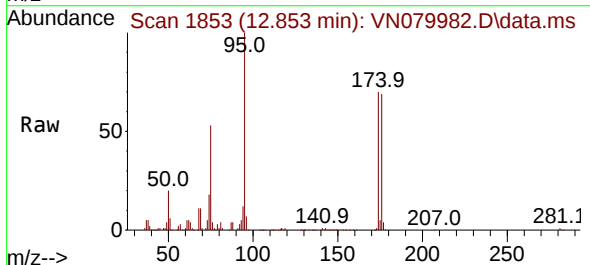
Tgt Ion:107 Resp: 236919
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

Manual Integrations
APPROVED

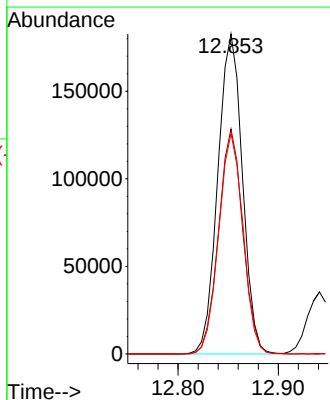
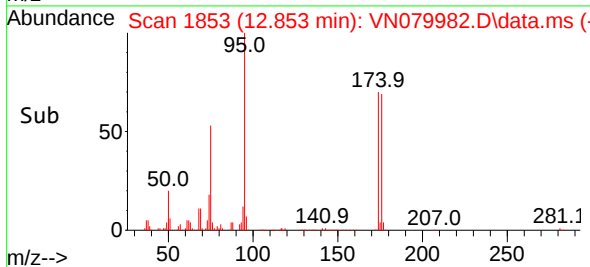
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

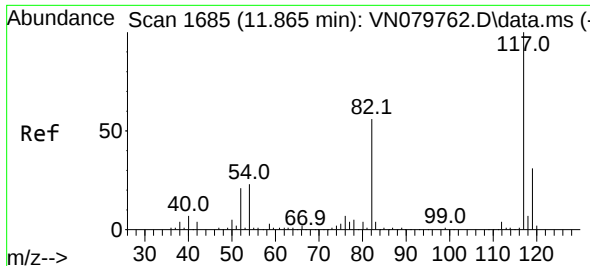


#62
4-Bromofluorobenzene
Concen: 63.402 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



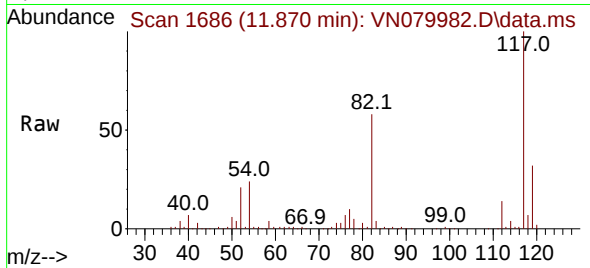
Tgt Ion: 95 Resp: 310217
Ion Ratio Lower Upper
95 100
174 69.5 0.0 143.8
176 68.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

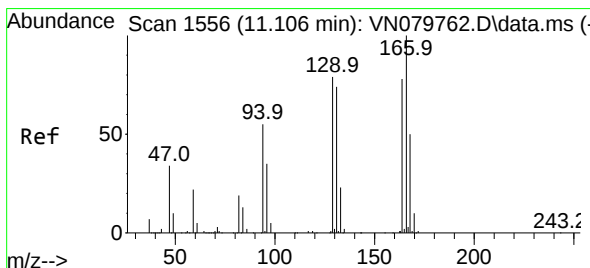
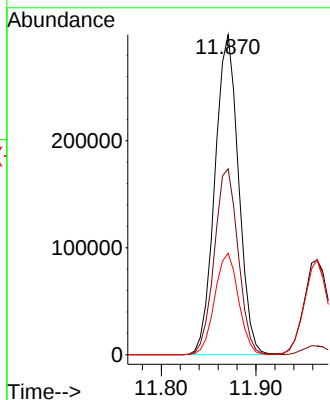
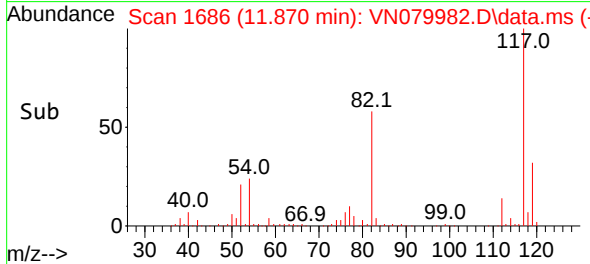
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 520204
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.7 25.6 38.4

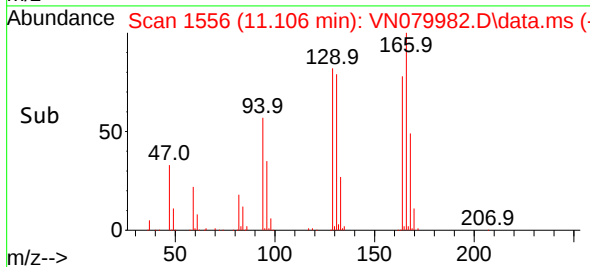
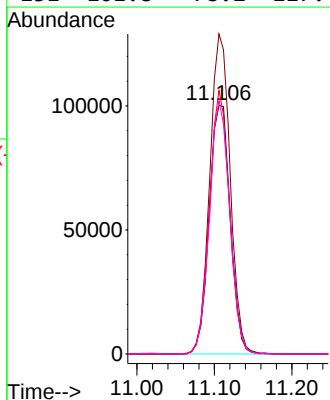
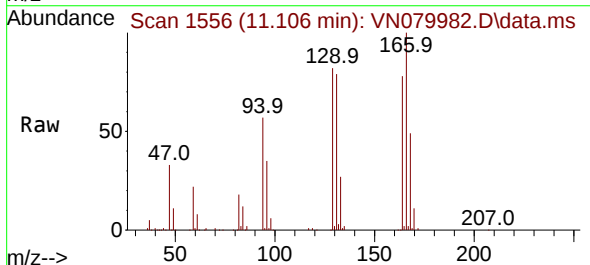
Manual Integrations
APPROVED

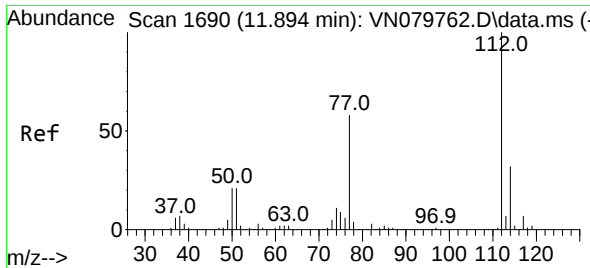
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 56.409 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Tgt Ion:164 Resp: 190048
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 105.9 82.4 123.6
131 101.8 78.2 117.4





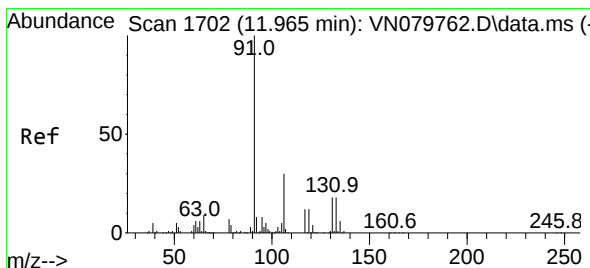
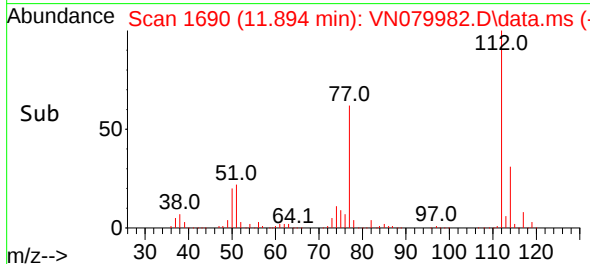
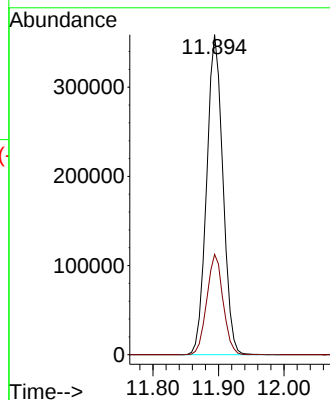
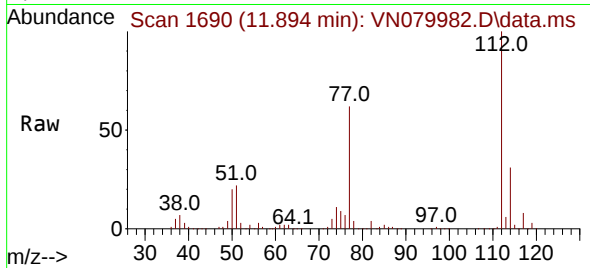
#65
Chlorobenzene
Concen: 54.784 ug/l
RT: 11.894 min Scan# 11198
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 618198
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

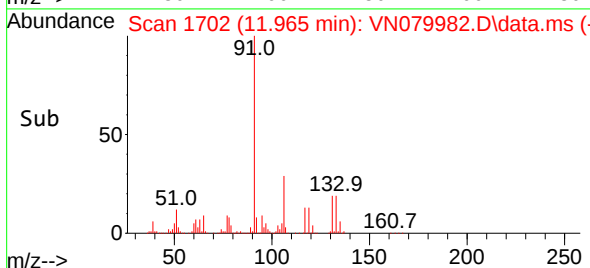
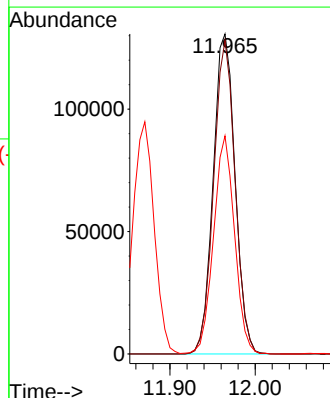
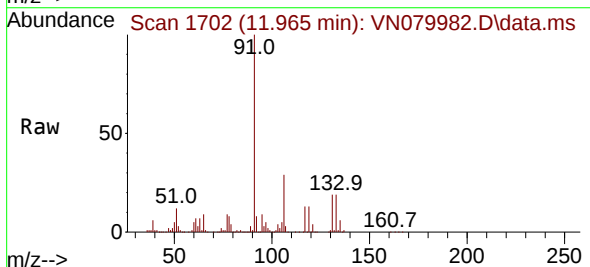
Manual Integrations
APPROVED

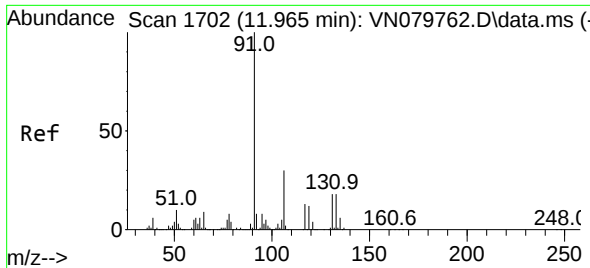
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.511 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

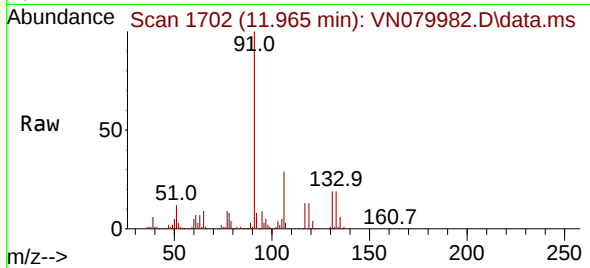
Tgt Ion:131 Resp: 233819
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 65.5 34.1 102.2





#67
Ethyl Benzene
Concen: 57.743 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

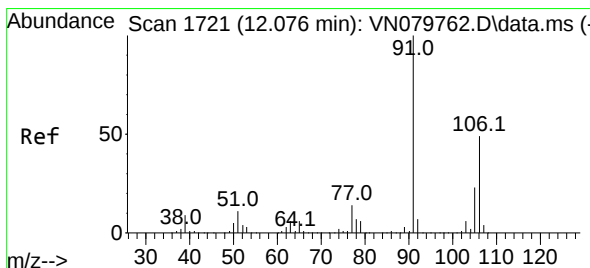
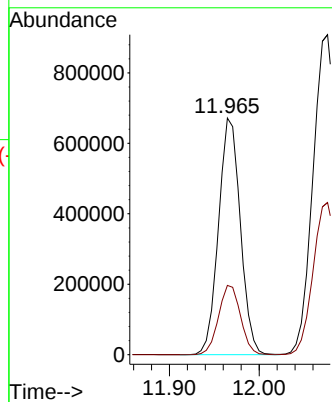
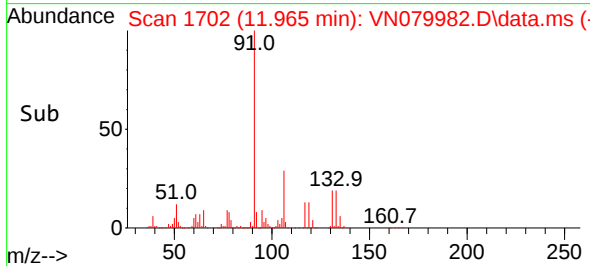
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



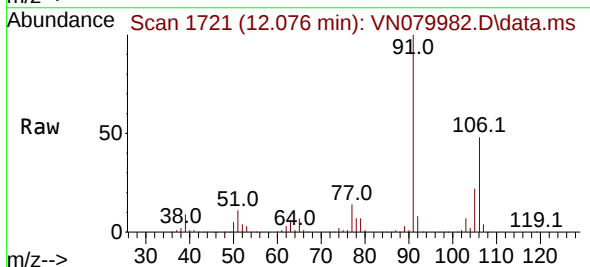
Tgt Ion: 91 Resp: 113523
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4

Manual Integrations
APPROVED

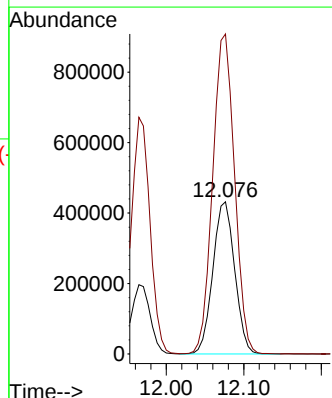
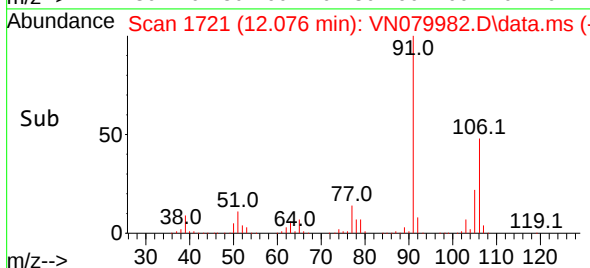
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

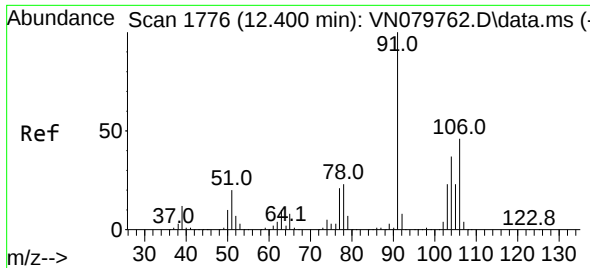


#68
m/p-Xylenes
Concen: 115.319 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



Tgt Ion:106 Resp: 844562
Ion Ratio Lower Upper
106 100
91 210.7 159.6 239.4





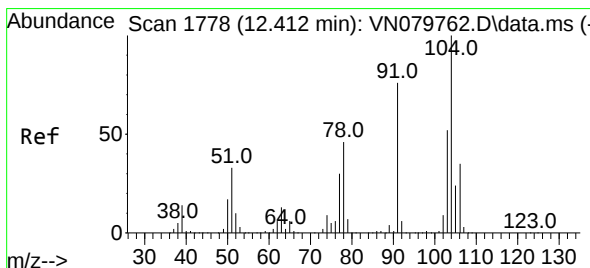
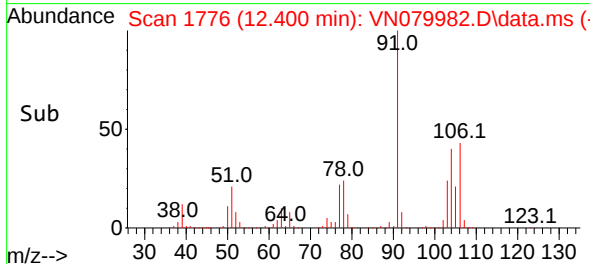
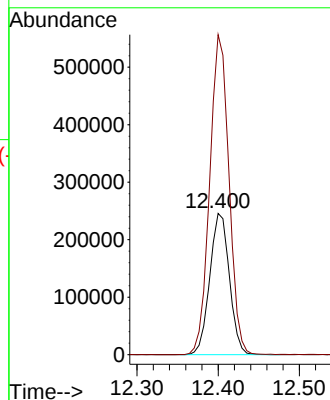
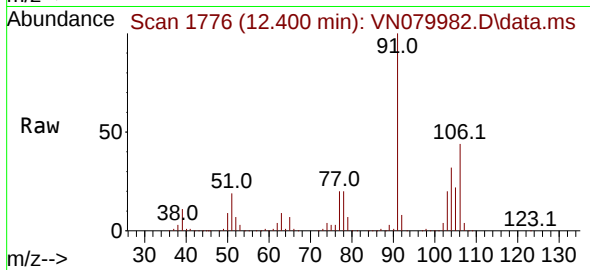
#69
o-Xylene
Concen: 58.441 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 41214
Ion Ratio Lower Upper
106 100
91 222.8 105.2 315.5

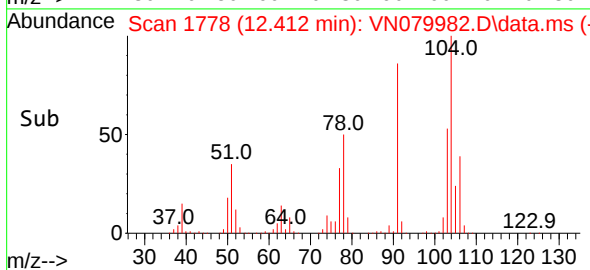
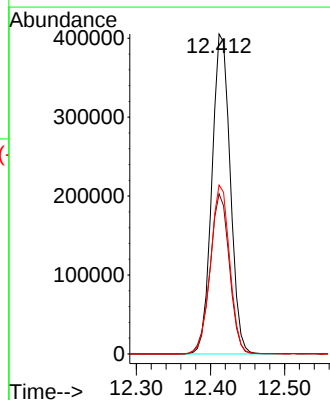
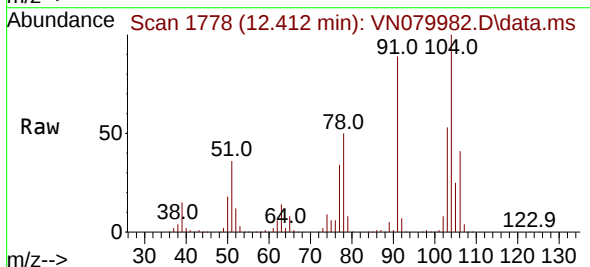
Manual Integrations
APPROVED

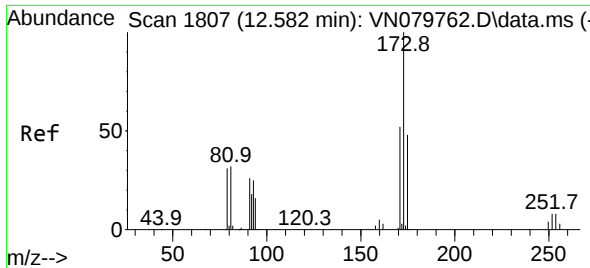
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 61.601 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

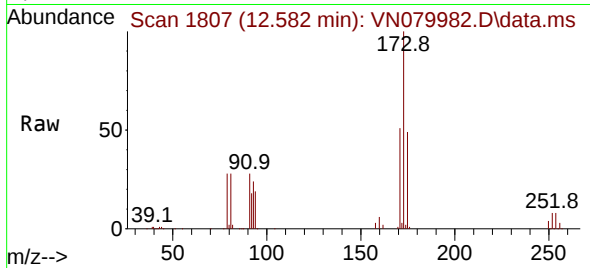
Tgt Ion:104 Resp: 698169
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 55.3 43.2 64.8





#71
Bromoform
Concen: 59.073 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

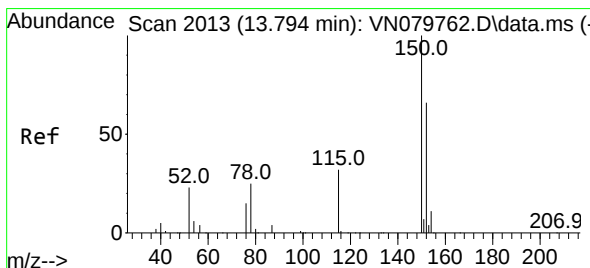
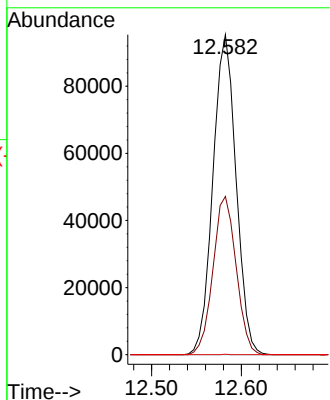
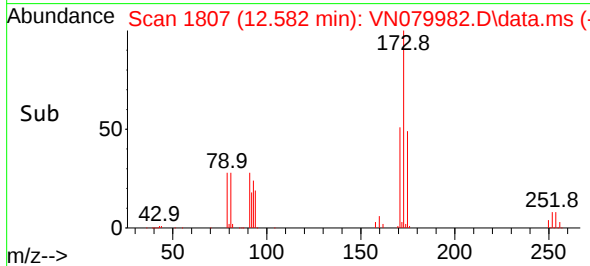
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



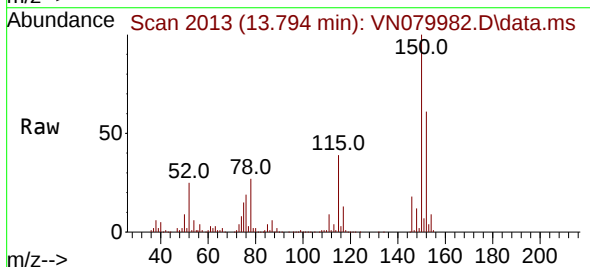
Tgt Ion:173 Resp: 170539
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

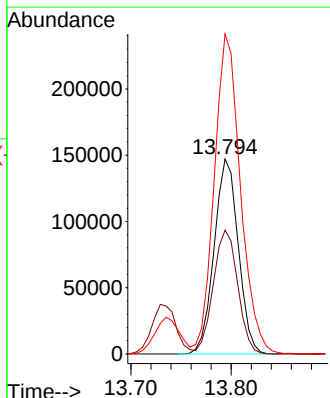
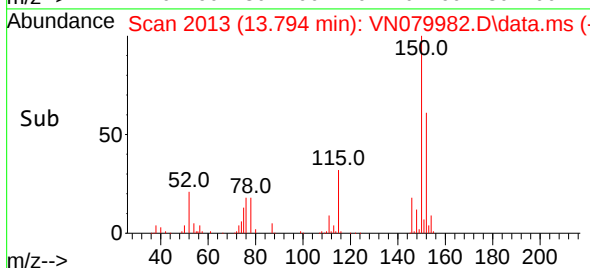
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

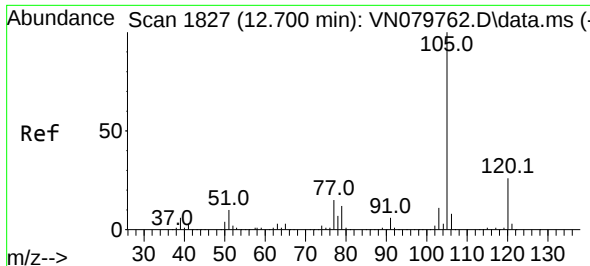


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



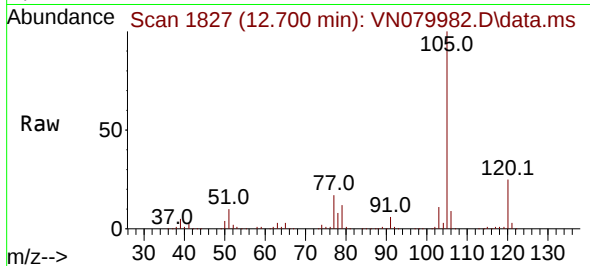
Tgt Ion:152 Resp: 245628
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 178.5 0.0 355.8





#73
Isopropylbenzene
Concen: 56.475 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

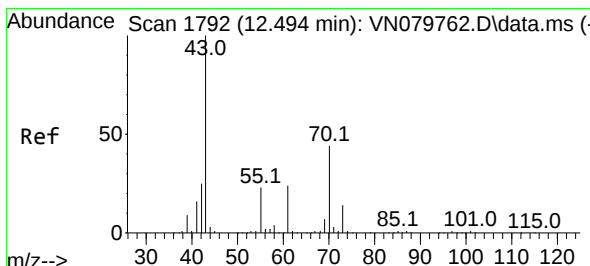
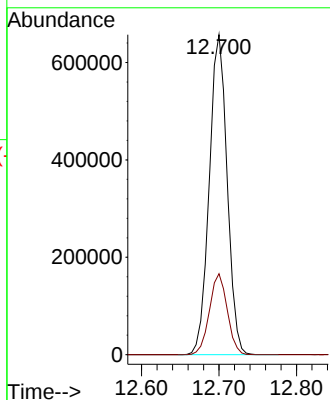
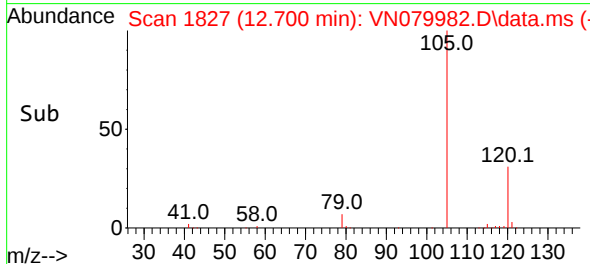
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



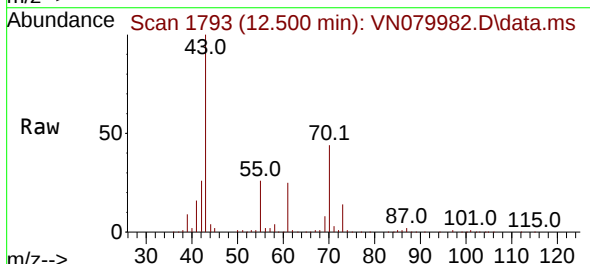
Tgt Ion:105 Resp: 105279
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

Manual Integrations
APPROVED

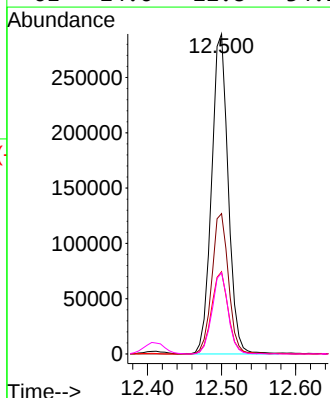
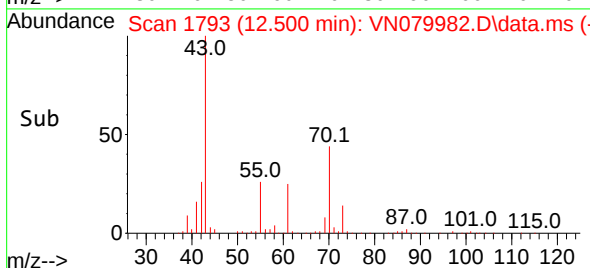
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

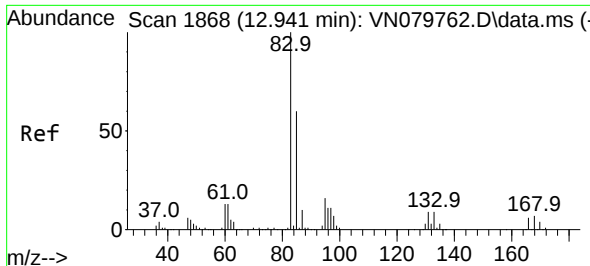


#74
N-ethyl acetate
Concen: 55.389 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



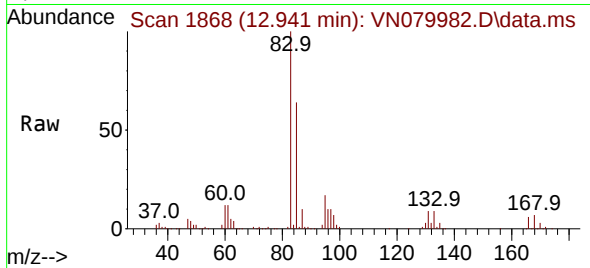
Tgt Ion: 43 Resp: 450695
Ion Ratio Lower Upper
43 100
70 43.9 43.4 65.2
55 25.7 21.4 32.0
61 24.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.939 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

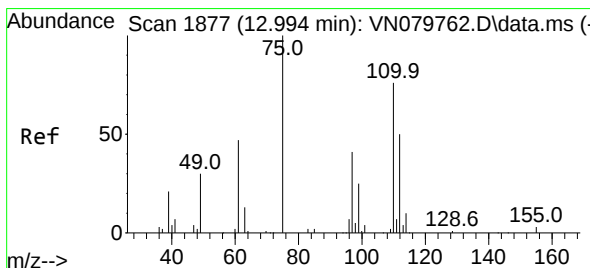
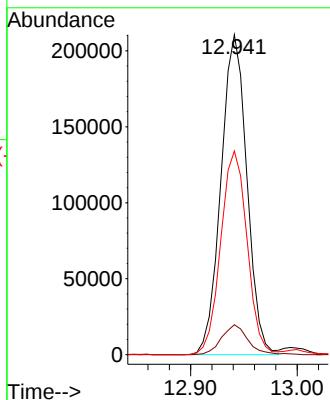
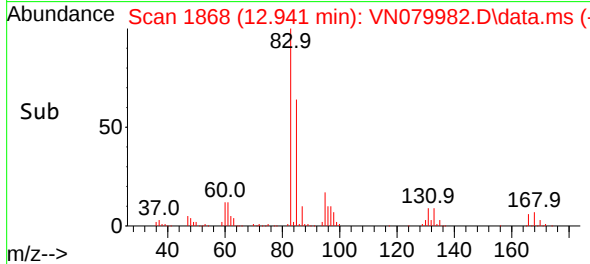
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 356514
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 64.6 31.9 95.7

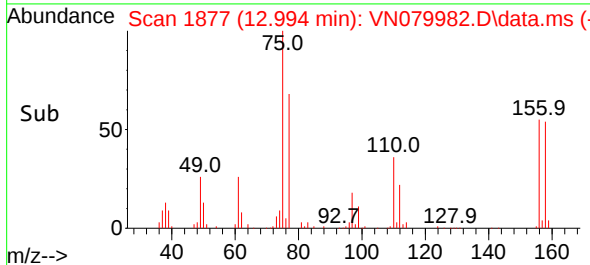
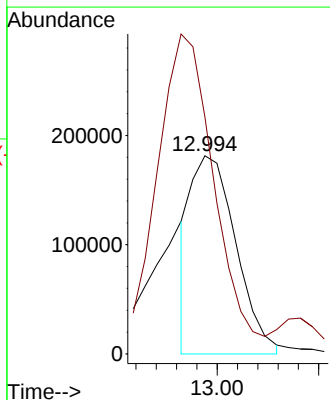
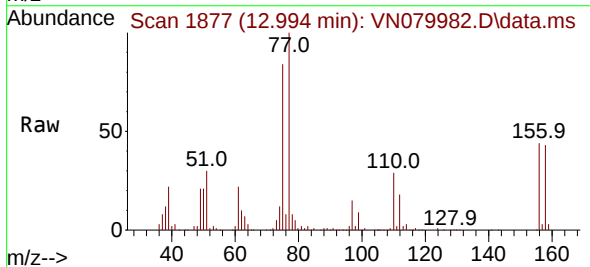
Manual Integrations
APPROVED

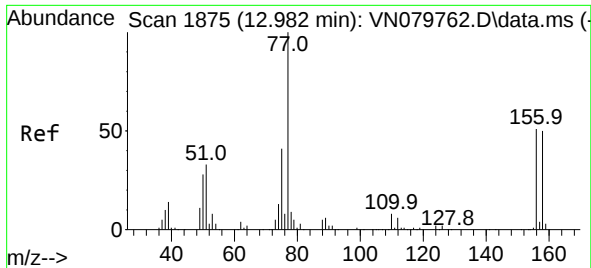
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#76
1,2,3-Trichloropropane
Concen: 48.593 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

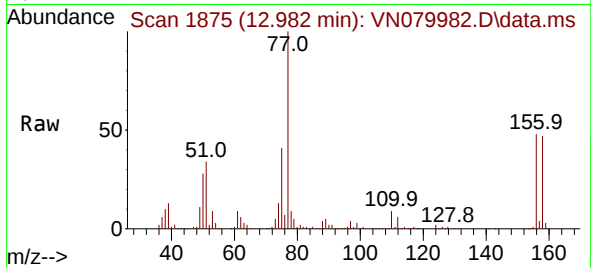
Tgt Ion: 75 Resp: 280215
Ion Ratio Lower Upper
75 100
77 206.6 84.5 253.5





#77
Bromobenzene
Concen: 53.794 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

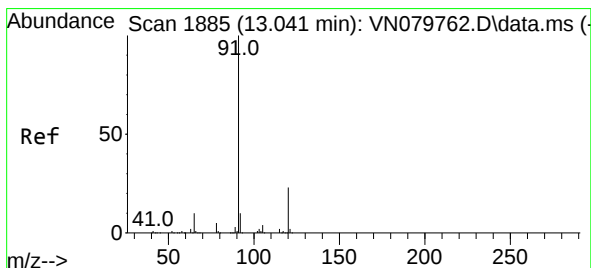
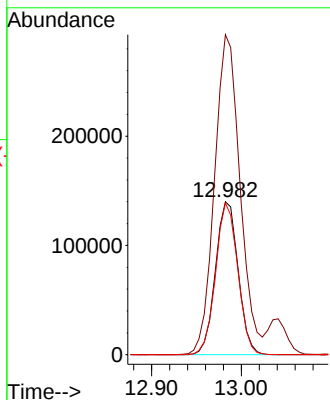
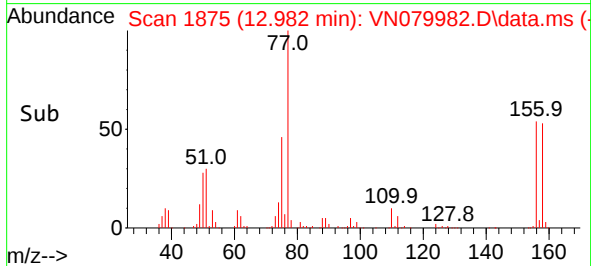
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



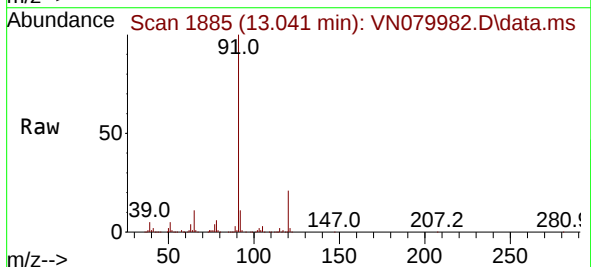
Tgt Ion:156 Resp: 245510
Ion Ratio Lower Upper
156 100
77 235.8 107.7 323.3
158 96.8 48.4 145.3

Manual Integrations
APPROVED

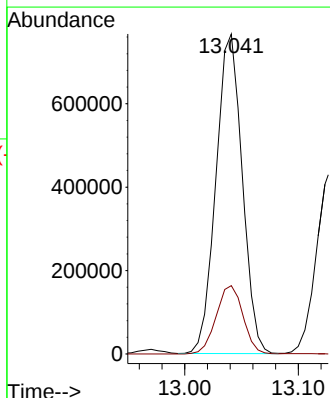
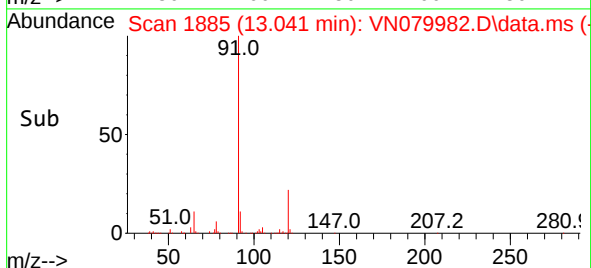
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

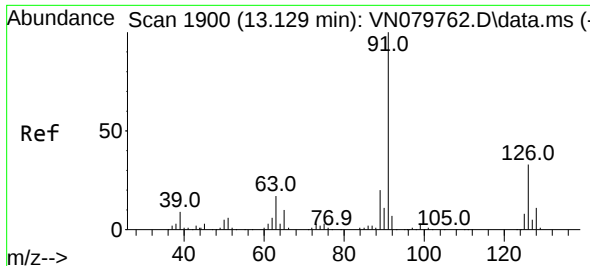


#78
n-propylbenzene
Concen: 57.740 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



Tgt Ion: 91 Resp: 1232615
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





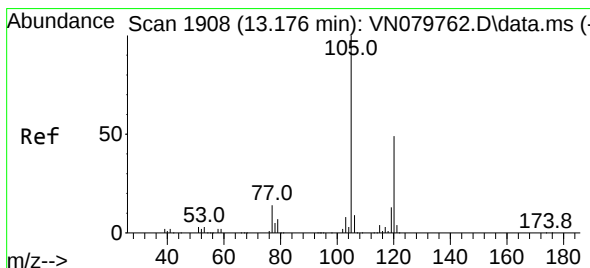
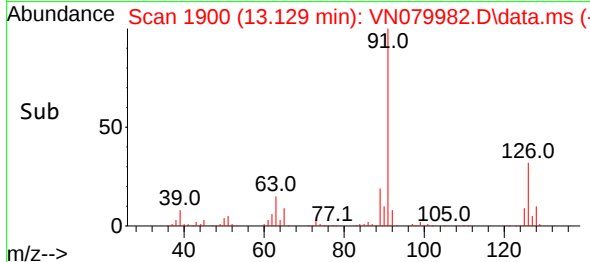
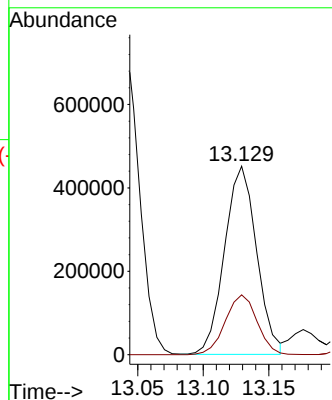
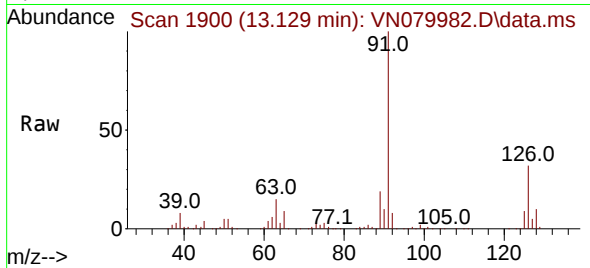
#79
2-Chlorotoluene
Concen: 56.373 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 76878
Ion Ratio Lower Upper
91 100
126 31.5 16.3 48.8

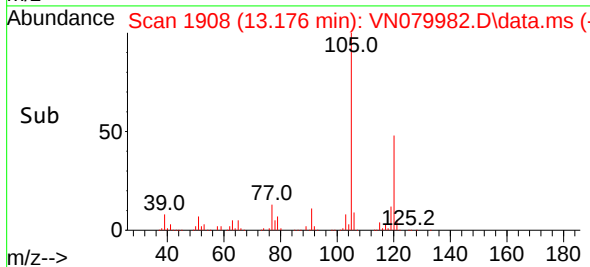
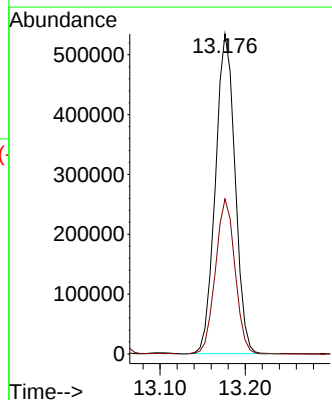
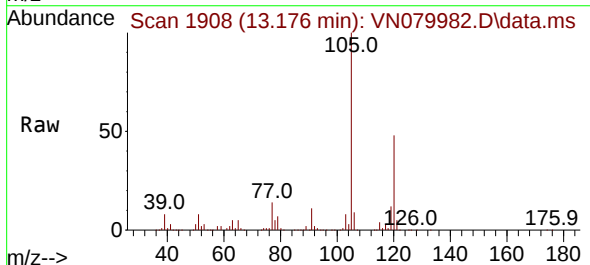
Manual Integrations
APPROVED

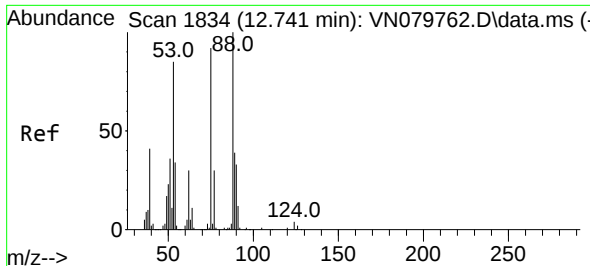
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 58.981 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

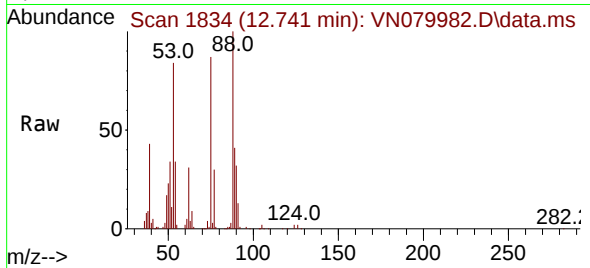
Tgt Ion:105 Resp: 855447
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 55.268 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

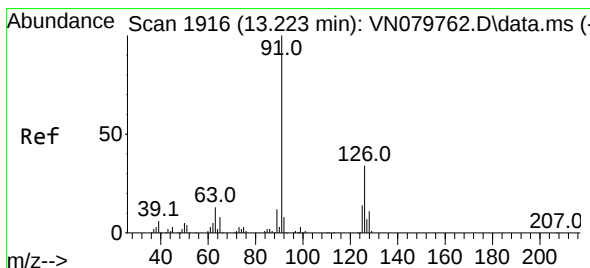
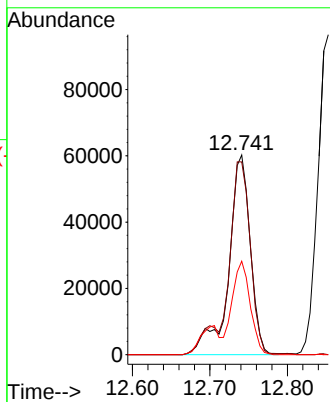
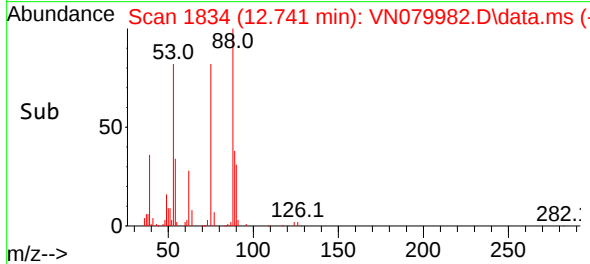
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



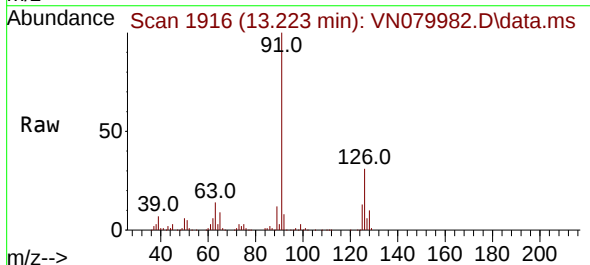
Tgt Ion: 75 Resp: 117139
Ion Ratio Lower Upper
75 100
53 88.2 67.4 101.2
89 40.3 38.8 58.2

Manual Integrations
APPROVED

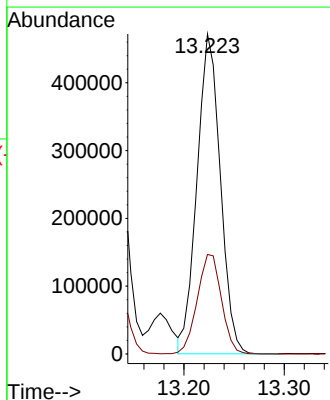
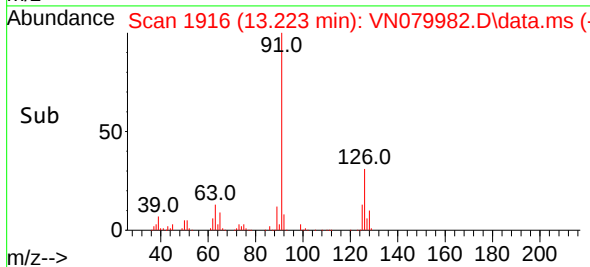
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

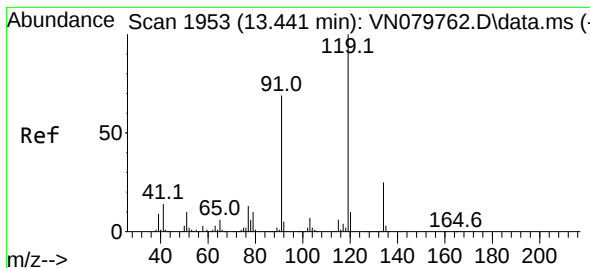


#82
4-Chlorotoluene
Concen: 56.342 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



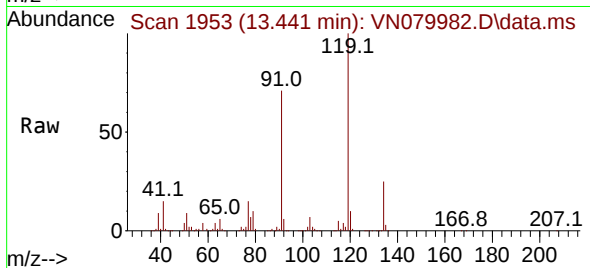
Tgt Ion: 91 Resp: 763527
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 59.032 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

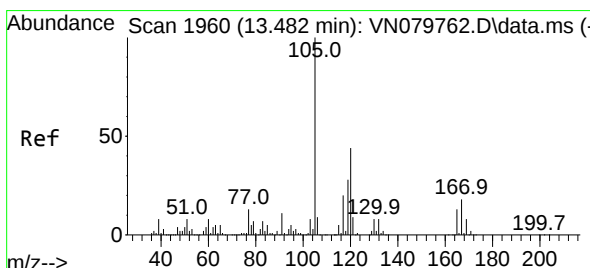
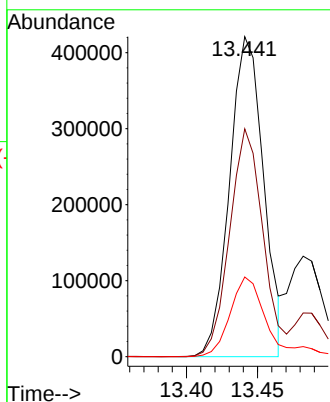
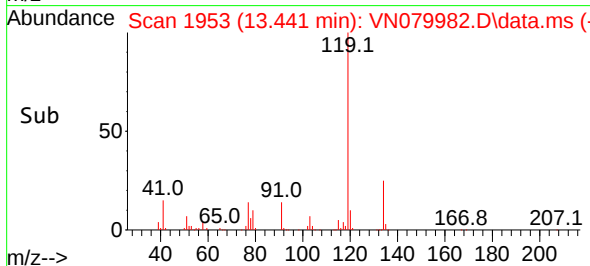
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



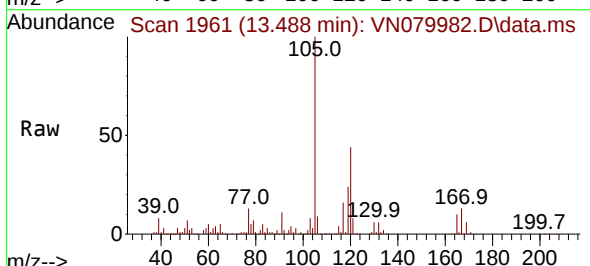
Tgt Ion:119 Resp: 70083
Ion Ratio Lower Upper
119 100
91 70.1 33.9 101.7
134 26.9 13.2 39.6

Manual Integrations
APPROVED

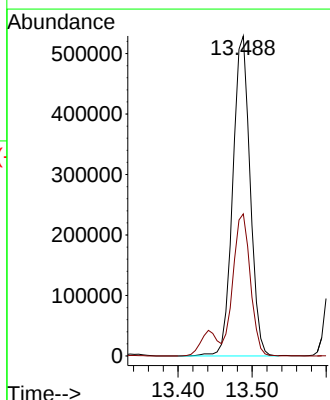
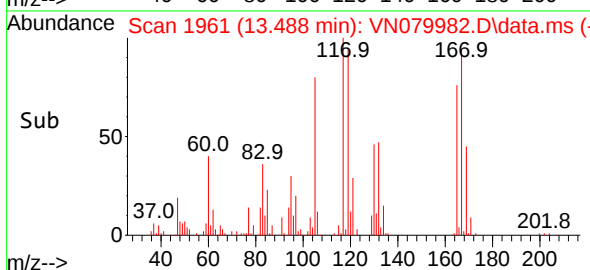
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

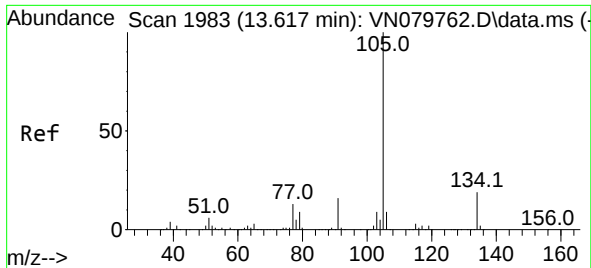


#84
1,2,4-Trimethylbenzene
Concen: 60.070 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



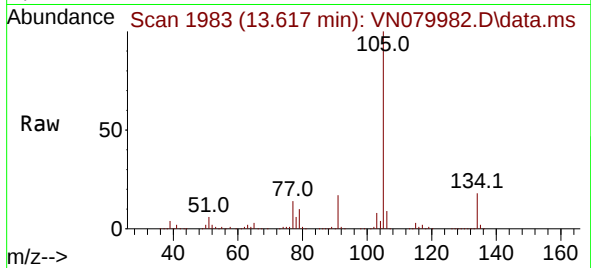
Tgt Ion:105 Resp: 857179
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 60.007 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079982.D
 Acq: 07 Nov 2023 22:09

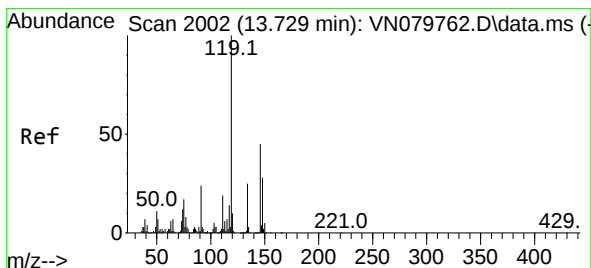
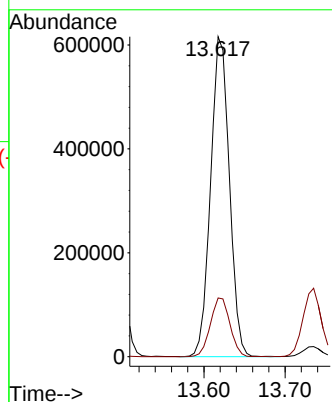
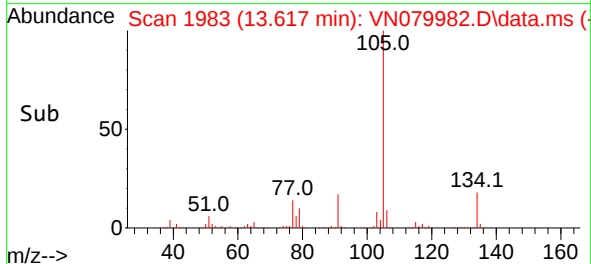
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



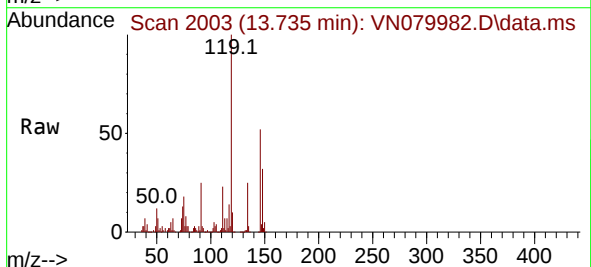
Tgt Ion:105 Resp: 987008
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

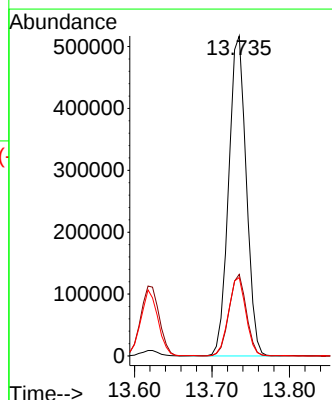
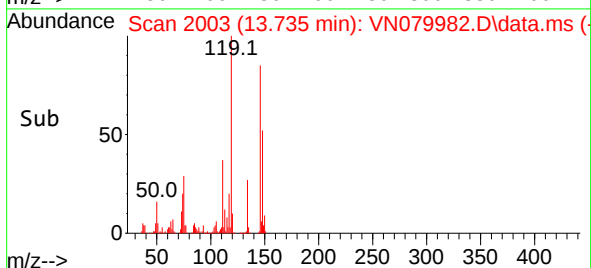
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023

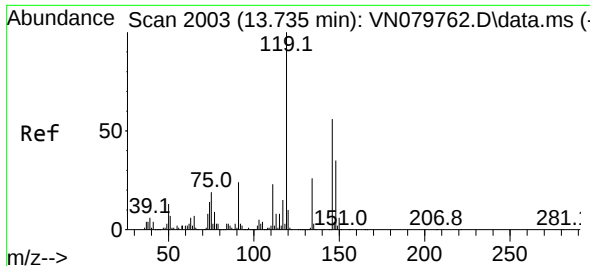


#86
 p-Isopropyltoluene
 Concen: 60.878 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079982.D
 Acq: 07 Nov 2023 22:09



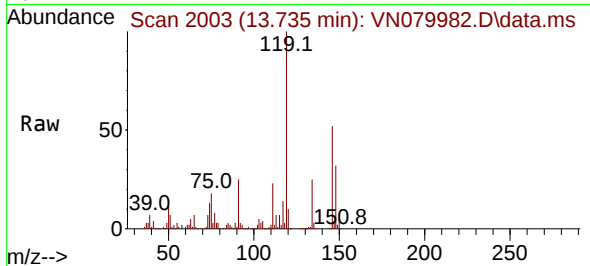
Tgt Ion:119 Resp: 816396
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 24.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 52.748 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

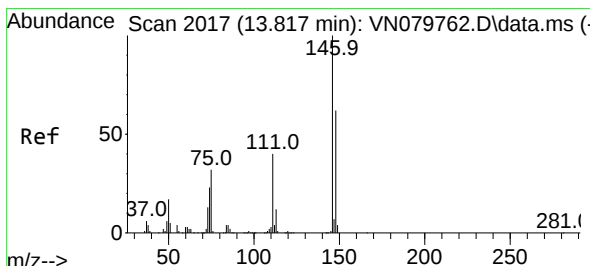
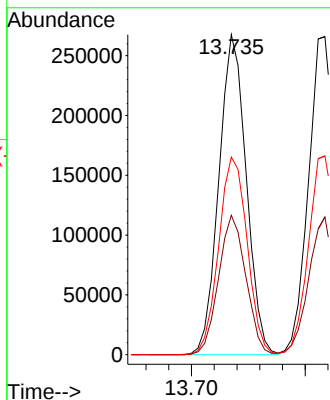
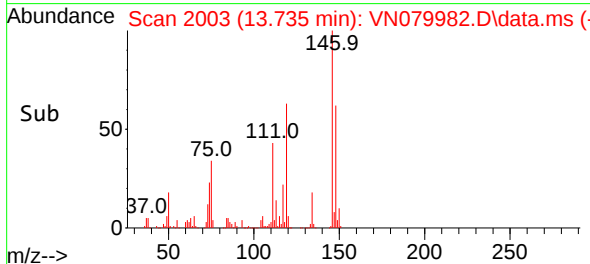
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



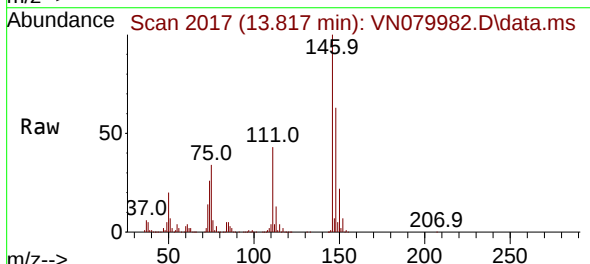
Tgt Ion:146 Resp: 447849
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.3
148 64.3 32.0 96.0

Manual Integrations
APPROVED

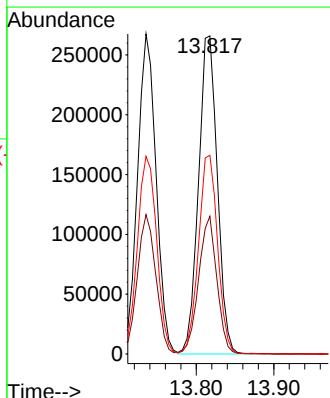
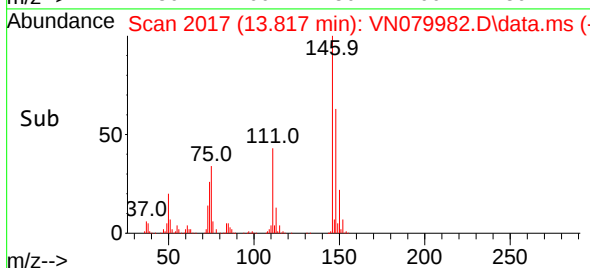
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

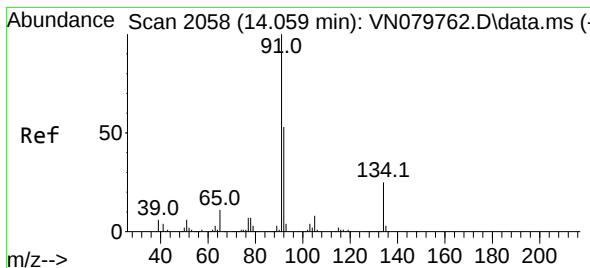


#88
1,4-Dichlorobenzene
Concen: 52.080 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



Tgt Ion:146 Resp: 448820
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 59.052 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

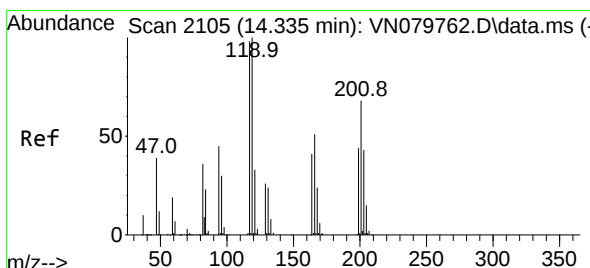
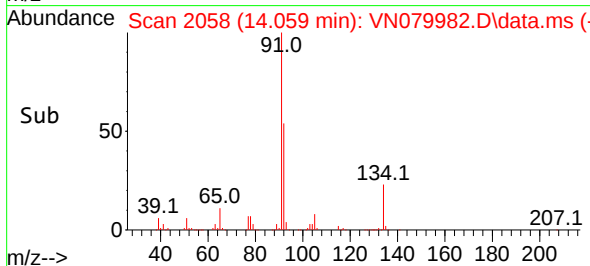
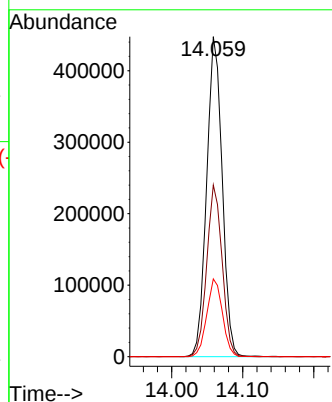
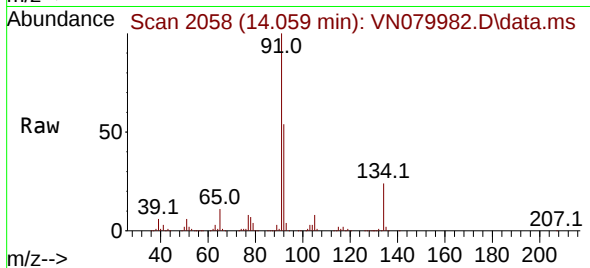
Tgt Ion:	91	Resp:	682074
Ion Ratio	Lower	Upper	
91	100		
92	53.1	26.4	79.0
134	24.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#90

Hexachloroethane

Concen: 56.705 ug/l

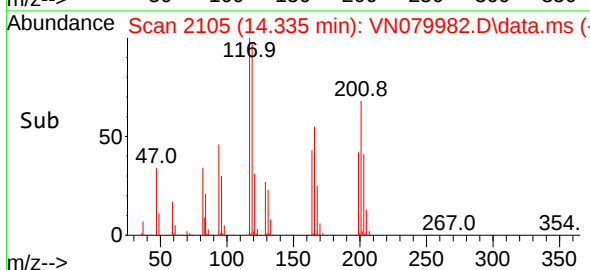
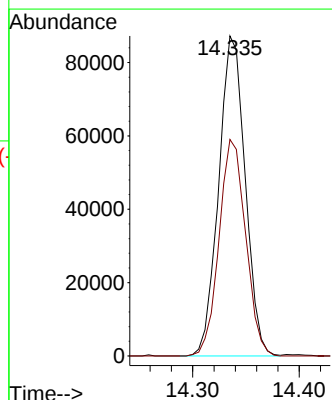
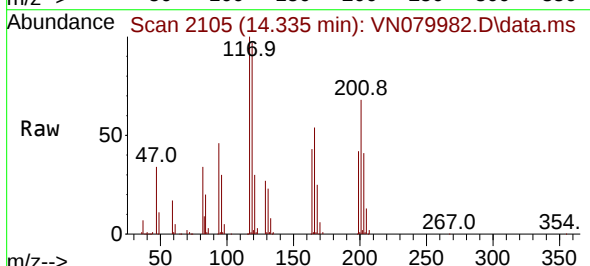
RT: 14.335 min Scan# 2105

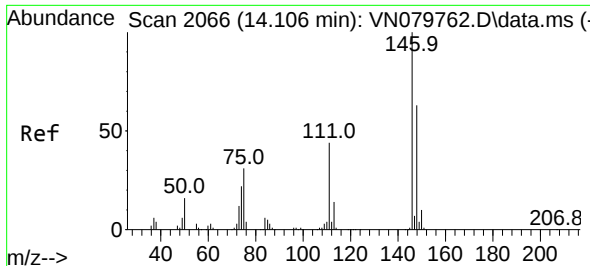
Delta R.T. 0.000 min

Lab File: VN079982.D

Acq: 07 Nov 2023 22:09

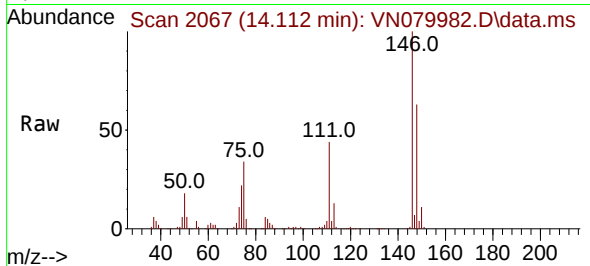
Tgt Ion:	117	Resp:	150599
Ion Ratio	Lower	Upper	
117	100		
201	67.9	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 55.068 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

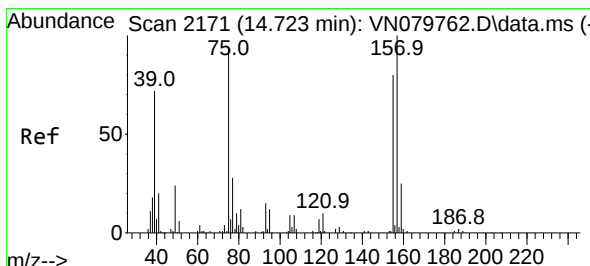
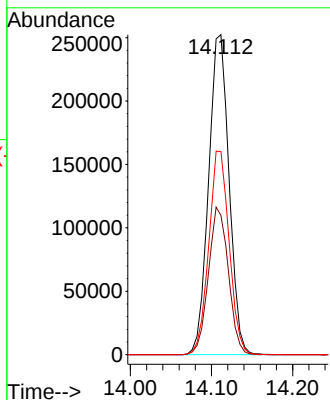
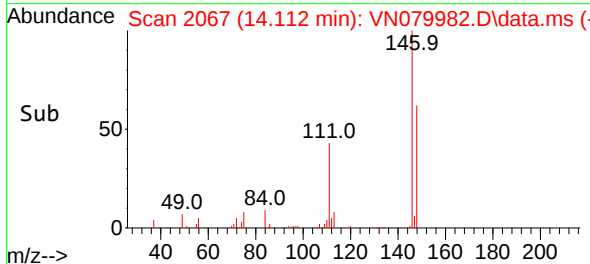
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



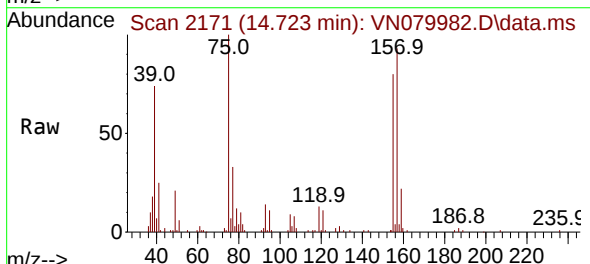
Tgt Ion:146 Resp: 44136
Ion Ratio Lower Upper
146 100
111 45.1 22.0 66.0
148 63.4 31.8 95.3

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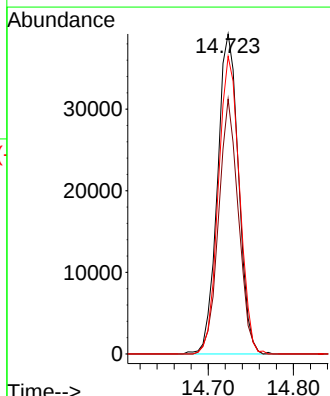
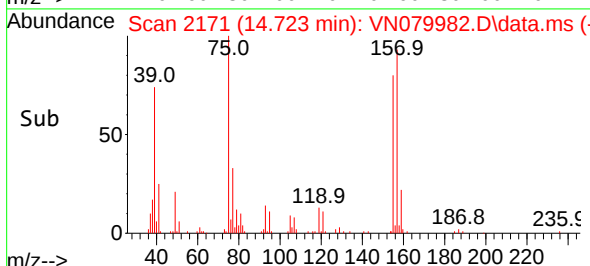
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

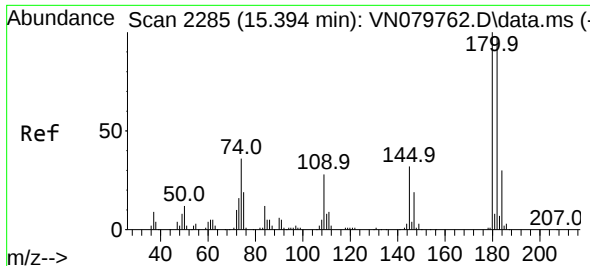


#92
1,2-Dibromo-3-Chloropropane
Concen: 60.180 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09



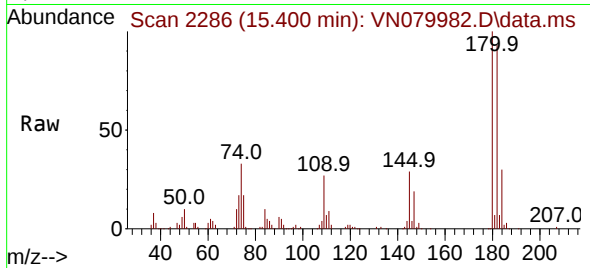
Tgt Ion: 75 Resp: 67453
Ion Ratio Lower Upper
75 100
155 74.5 39.1 117.2
157 92.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 56.541 ug/l
RT: 15.400 min Scan# 215470
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

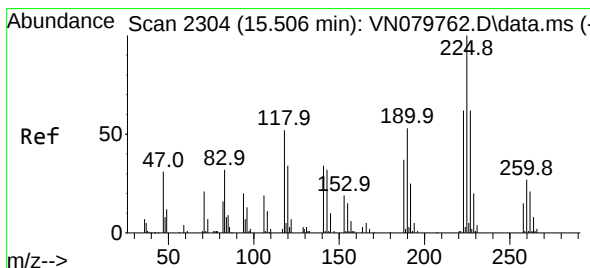
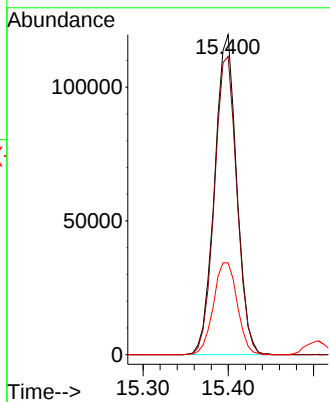
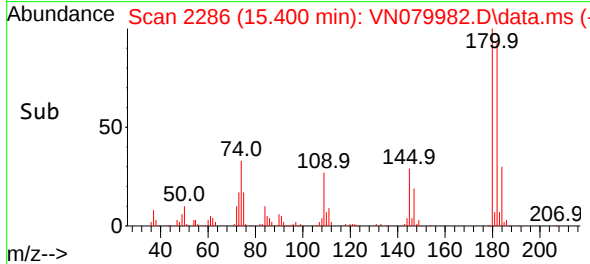
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 215470
Ion Ratio Lower Upper
180 100
182 94.9 46.1 138.2
145 31.0 16.6 49.8

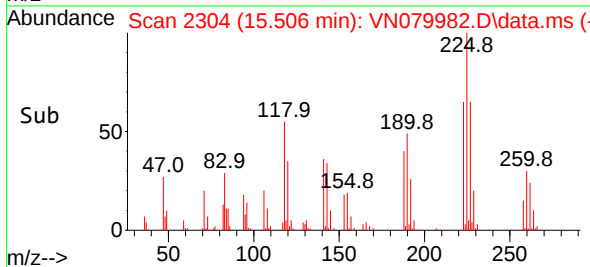
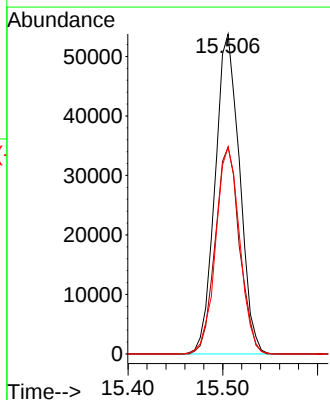
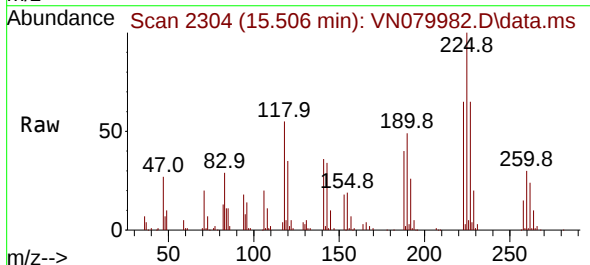
Manual Integrations
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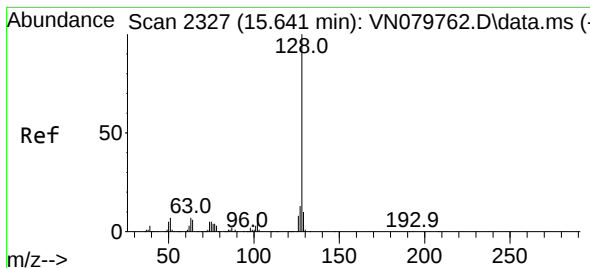
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#94
Hexachlorobutadiene
Concen: 55.942 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

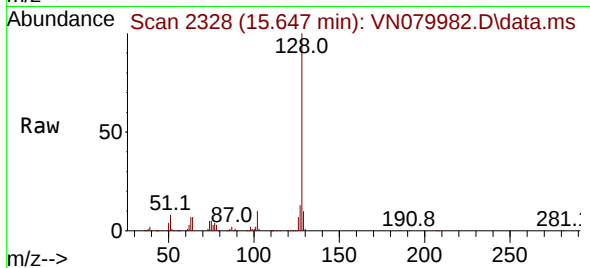
Tgt Ion:225 Resp: 96646
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.8
227 63.4 31.9 95.9





#95
Naphthalene
Concen: 52.701 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

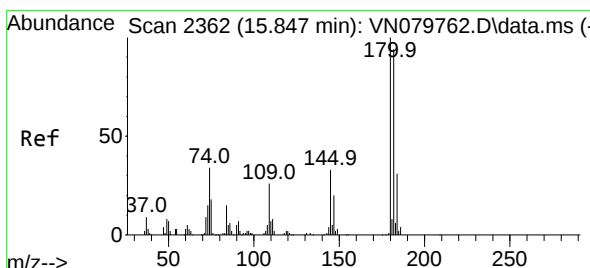
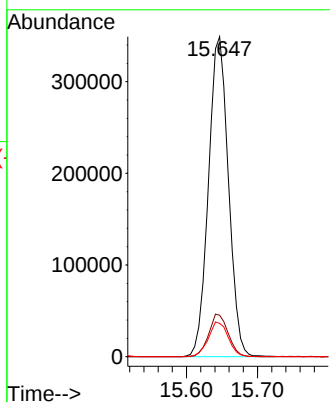
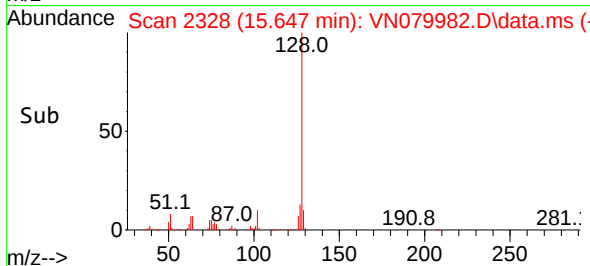
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 681110
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 55.658 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079982.D
Acq: 07 Nov 2023 22:09

Tgt Ion:180 Resp: 207920
Ion Ratio Lower Upper
180 100
182 95.6 46.2 138.6
145 33.4 17.5 52.6

