

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079402.D
 Acq On : 04 Oct 2023 14:46
 Operator : JC\MD
 Sample : VN1004WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1004WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 02:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	153699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	271184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	245651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120436	58.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.100%			
35) Dibromofluoromethane	8.171	113	95917	53.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	10.570	98	324300	48.962	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.920%			
62) 4-Bromofluorobenzene	12.853	95	104390	49.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	26226	17.245	ug/l	93
3) Chloromethane	2.365	50	36705	18.386	ug/l	95
4) Vinyl Chloride	2.512	62	42165	19.384	ug/l	100
5) Bromomethane	2.947	94	26882	21.500	ug/l	98
6) Chloroethane	3.118	64	32245	22.643	ug/l	95
7) Trichlorofluoromethane	3.494	101	54687	17.169	ug/l	96
8) Diethyl Ether	3.959	74	21371	19.330	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.365	101	31783	18.762	ug/l	99
10) Methyl Iodide	4.594	142	32276	23.292	ug/l	99
11) Tert butyl alcohol	5.530	59	35772	93.387	ug/l	98
12) 1,1-Dichloroethene	4.341	96	28368	17.305	ug/l	88
13) Acrolein	4.183	56	38599	105.638	ug/l	94
14) Allyl chloride	5.024	41	47378	18.118	ug/l #	91
15) Acrylonitrile	5.730	53	110205	110.955	ug/l	99
16) Acetone	4.436	43	100398	113.937	ug/l	93
17) Carbon Disulfide	4.712	76	62823	12.262	ug/l	99
18) Methyl Acetate	5.024	43	88668	24.484	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	117119	20.832	ug/l	94
20) Methylene Chloride	5.283	84	42476	19.808	ug/l	88
21) trans-1,2-Dichloroethene	5.788	96	31617	16.626	ug/l #	81
22) Diisopropyl ether	6.677	45	130403	22.728	ug/l #	92
23) Vinyl Acetate	6.612	43	366607	103.881	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	73830	20.874	ug/l	96
25) 2-Butanone	7.488	43	144609	113.107	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	55215	19.023	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	41254	18.973	ug/l	84
28) Bromochloromethane	7.812	49	33797	21.134	ug/l #	71
29) Tetrahydrofuran	7.847	42	92253	113.386	ug/l #	75
30) Chloroform	7.971	83	77396	21.017	ug/l	95
31) Cyclohexane	8.259	56	51548	17.015	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	63826	20.332	ug/l	95
36) 1,1-Dichloropropene	8.376	75	48764	17.538	ug/l	95
37) Ethyl Acetate	7.565	43	57882	20.871	ug/l #	92
38) Carbon Tetrachloride	8.365	117	51176	17.786	ug/l	95
39) Methylcyclohexane	9.606	83	41489	15.127	ug/l #	81
40) Benzene	8.612	78	157696	18.527	ug/l	98

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Quant Time: Oct 05 02:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	30572	21.864	ug/l #	86
42) 1,2-Dichloroethane	8.676	62	61655	21.041	ug/l	97
43) Isopropyl Acetate	8.694	43	98768	21.827	ug/l #	88
44) Trichloroethene	9.359	130	35092	16.736	ug/l	94
45) 1,2-Dichloropropane	9.629	63	45297	21.444	ug/l	96
46) Dibromomethane	9.718	93	29823	20.797	ug/l	95
47) Bromodichloromethane	9.894	83	61643	20.987	ug/l	98
48) Methyl methacrylate	9.682	41	42626	21.030	ug/l #	79
49) 1,4-Dioxane	9.700	88	16690	400.342	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	309705	117.902	ug/l	87
52) Toluene	10.635	92	97651	18.668	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	60883	19.659	ug/l	95
54) cis-1,3-Dichloropropene	10.317	75	65156	19.670	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	43587	21.236	ug/l	92
56) Ethyl methacrylate	10.876	69	56460	19.487	ug/l #	80
57) 1,3-Dichloropropane	11.164	76	73151	20.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	106923	94.252	ug/l	89
59) 2-Hexanone	11.200	43	214460	112.722	ug/l	87
60) Dibromochloromethane	11.364	129	43948	20.119	ug/l	99
61) 1,2-Dibromoethane	11.476	107	41408	20.216	ug/l	95
64) Tetrachloroethene	11.106	164	29862	16.671	ug/l	91
65) Chlorobenzene	11.894	112	102221	18.369	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.964	131	40344	19.333	ug/l	99
67) Ethyl Benzene	11.970	91	172730	18.146	ug/l	99
68) m/p-Xylenes	12.076	106	130472	36.774	ug/l	96
69) o-Xylene	12.406	106	60702	17.839	ug/l	88
70) Styrene	12.417	104	103410	18.896	ug/l	97
71) Bromoform	12.582	173	30219	19.616	ug/l #	98
73) Isopropylbenzene	12.700	105	162514	17.967	ug/l	98
74) N-amyl acetate	12.500	43	70152	20.442	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	65461	19.435	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	50370m	18.798	ug/l	
77) Bromobenzene	12.982	156	39849	17.398	ug/l	93
78) n-propylbenzene	13.041	91	191849	18.881	ug/l	96
79) 2-Chlorotoluene	13.129	91	119947	18.048	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	133991	17.778	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	16727	17.162	ug/l #	80
82) 4-Chlorotoluene	13.229	91	114913	18.402	ug/l	98
83) tert-Butylbenzene	13.441	119	111481	17.880	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	131508	18.321	ug/l	98
85) sec-Butylbenzene	13.623	105	154640	18.015	ug/l	99
86) p-Isopropyltoluene	13.735	119	121115	17.661	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	66435	17.685	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	64072	16.879	ug/l	99
89) n-Butylbenzene	14.064	91	93713	17.377	ug/l	96
90) Hexachloroethane	14.341	117	25799	18.525	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	65874	17.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9944	19.421	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	16839	12.635	ug/l	92
94) Hexachlorobutadiene	15.505	225	15173	14.473	ug/l	98
95) Naphthalene	15.647	128	44986	11.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	20605	13.107	ug/l	95

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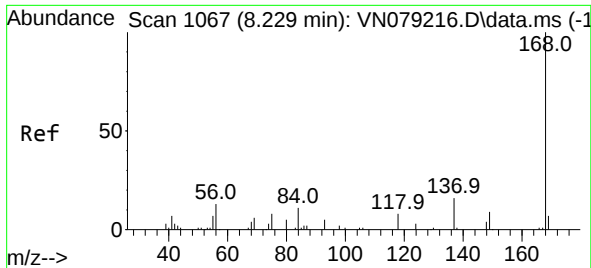
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 02:20:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

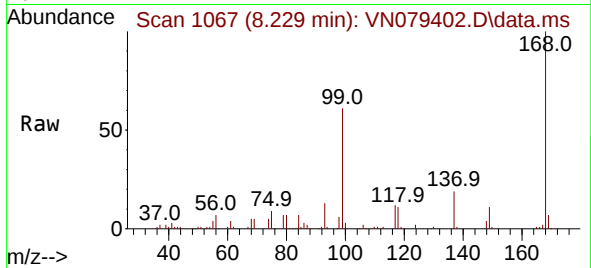
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
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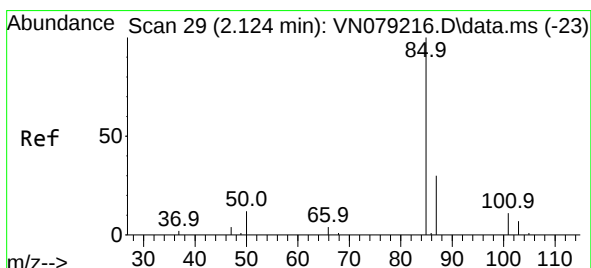
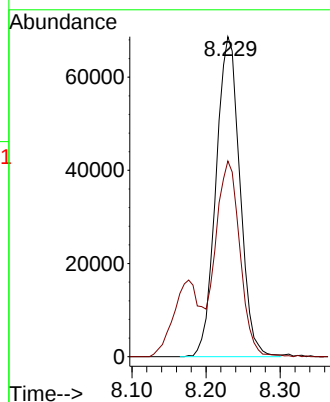
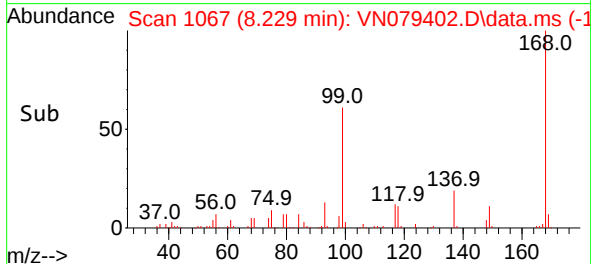
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



Tgt Ion:168 Resp: 153699
Ion Ratio Lower Upper
168 100
99 60.7 53.0 79.6

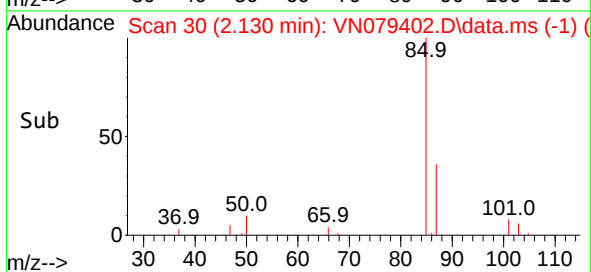
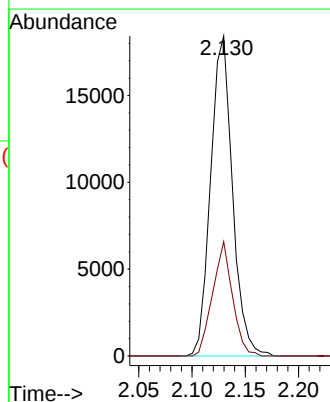
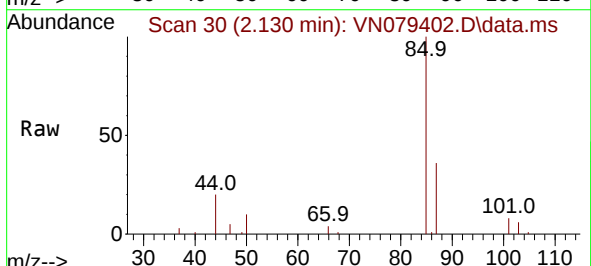
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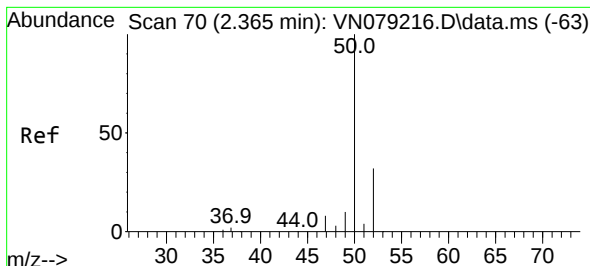
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#2
Dichlorodifluoromethane
Concen: 17.245 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 85 Resp: 26226
Ion Ratio Lower Upper
85 100
87 35.7 15.8 47.4





#3

Chloromethane

Concen: 18.386 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion: 50 Resp: 3670

Ion Ratio Lower Upper

50 100

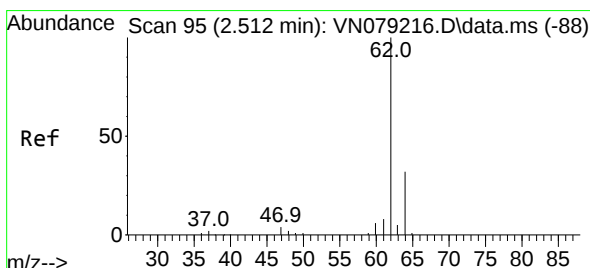
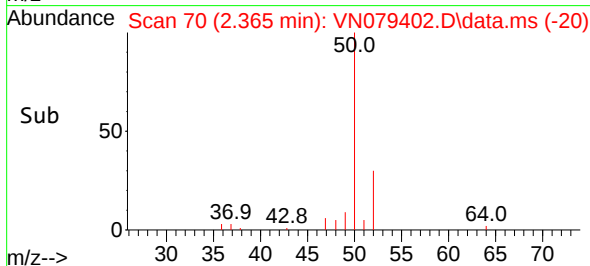
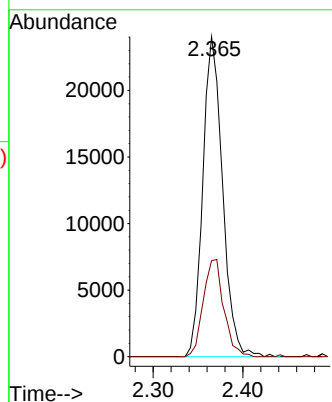
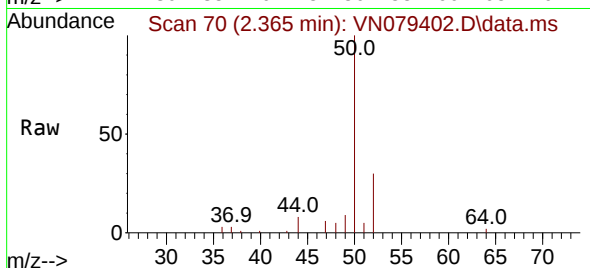
52 30.0 26.5 39.7

Manual Integrations

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Supervised By :Mahesh Dadoda 10/05/2023



#4

Vinyl Chloride

Concen: 19.384 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079402.D

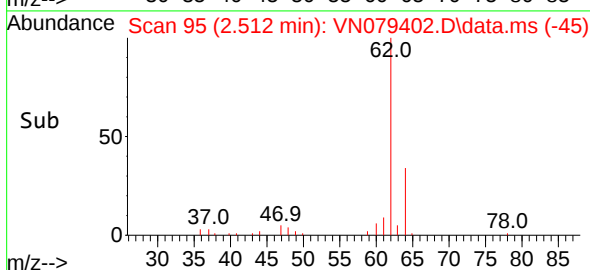
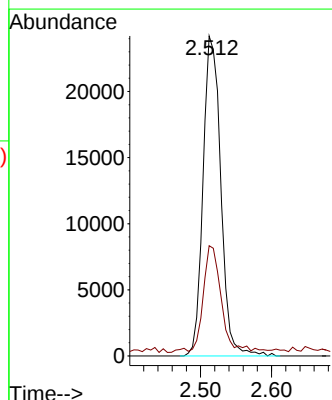
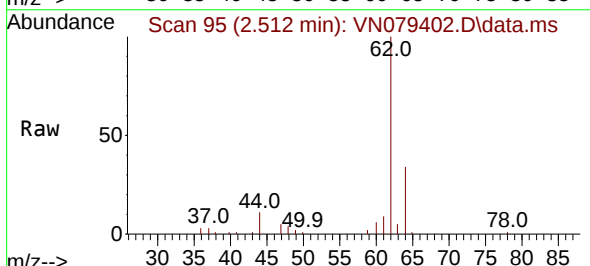
Acq: 04 Oct 2023 14:46

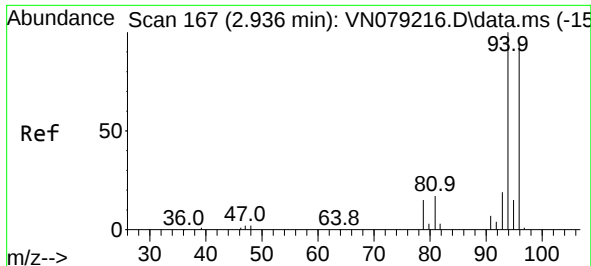
Tgt Ion: 62 Resp: 42165

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





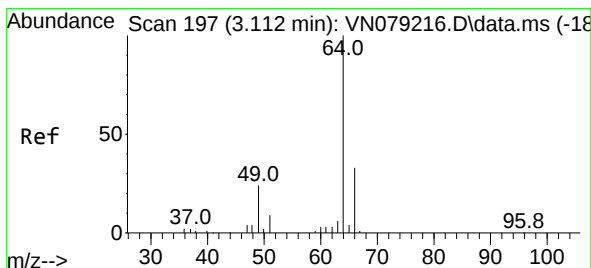
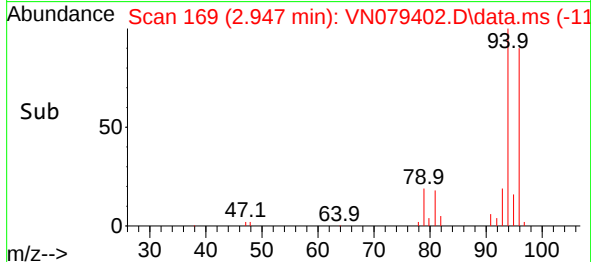
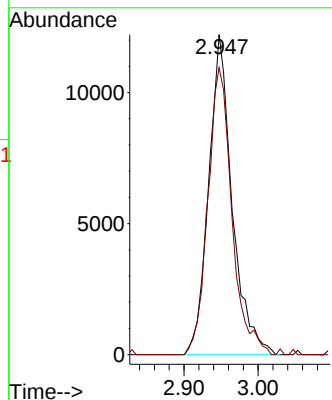
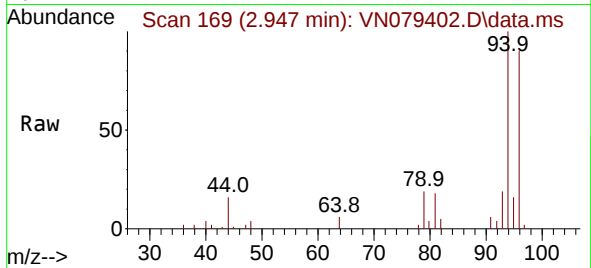
#5
Bromomethane
Concen: 21.500 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 94 Resp: 2688
Ion Ratio Lower Upper
94 100
96 89.7 73.1 109.7

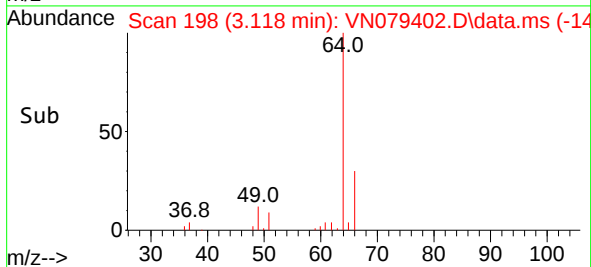
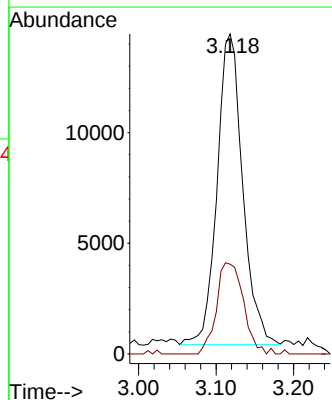
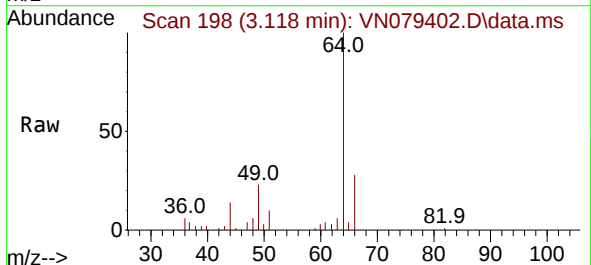
Manual Integrations
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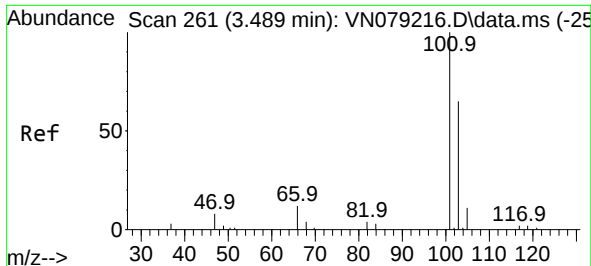
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#6
Chloroethane
Concen: 22.643 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 64 Resp: 32245
Ion Ratio Lower Upper
64 100
66 28.9 25.4 38.2





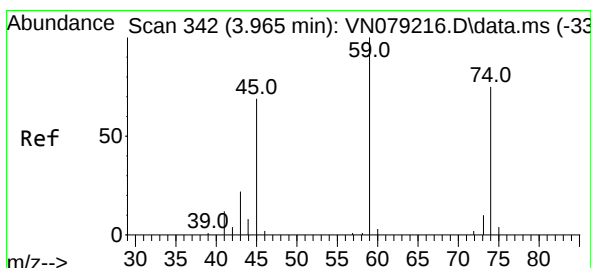
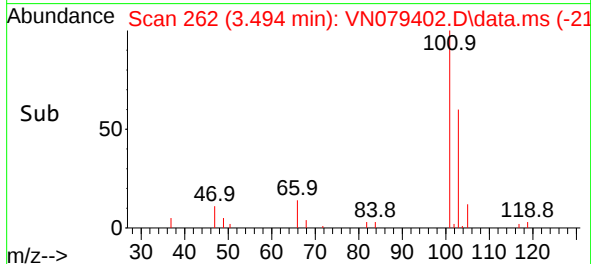
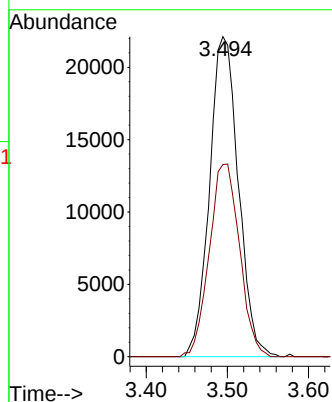
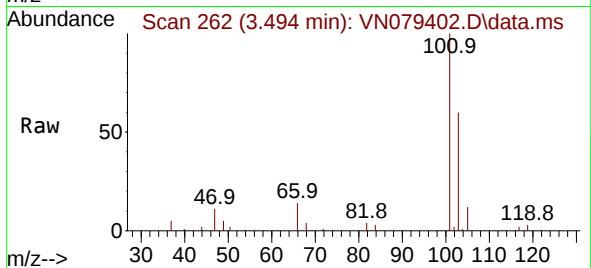
#7
Trichlorofluoromethane
Concen: 17.169 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.007 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion:101 Resp: 5468
Ion Ratio Lower Upper
101 100
103 60.0 50.7 76.1

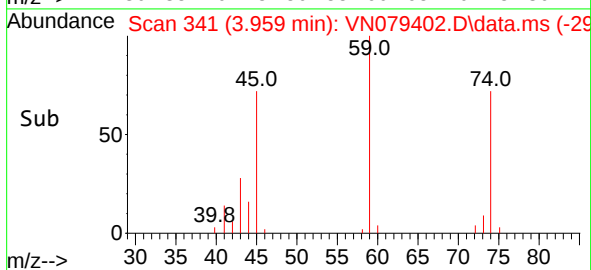
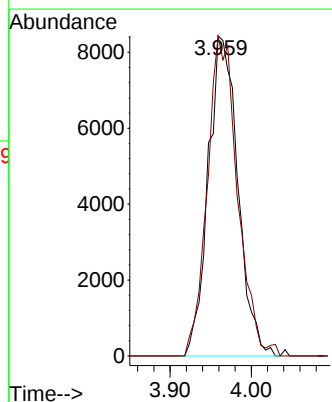
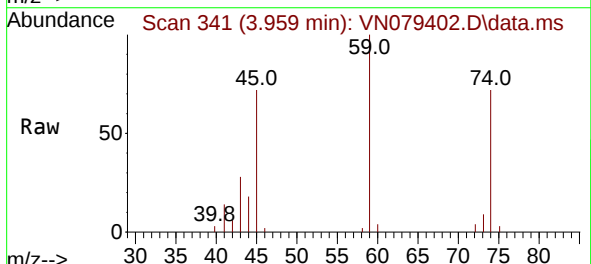
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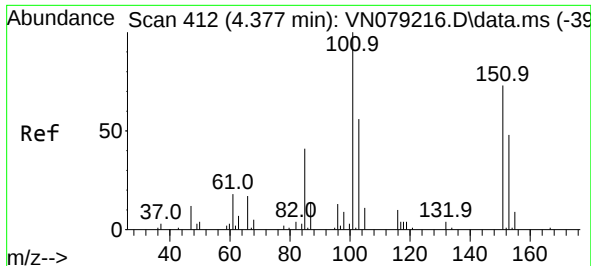
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#8
Diethyl Ether
Concen: 19.330 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 74 Resp: 21371
Ion Ratio Lower Upper
74 100
45 102.2 34.4 103.3





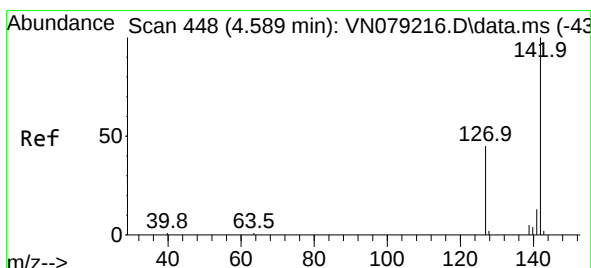
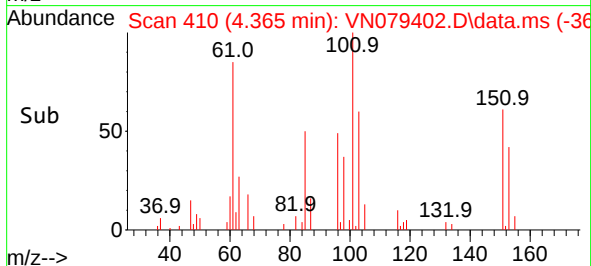
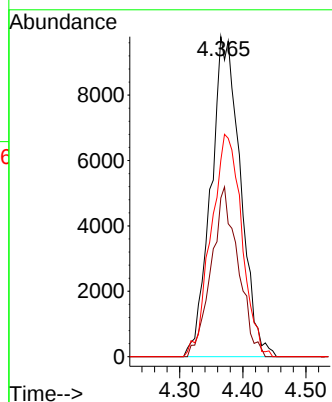
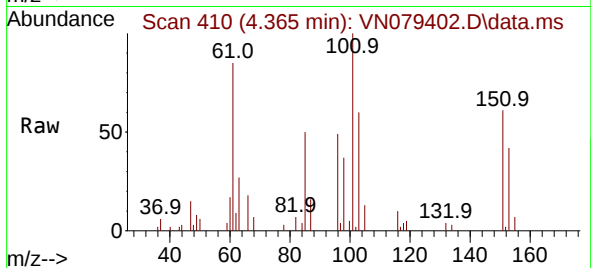
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.762 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion:101 Resp: 3178
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 72.1 57.6 86.4

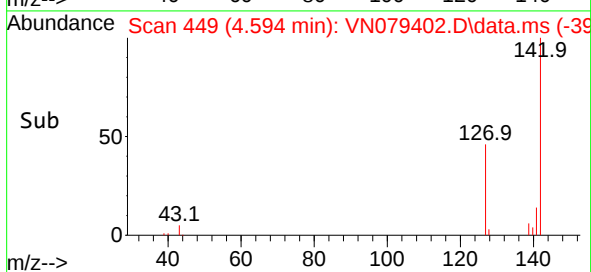
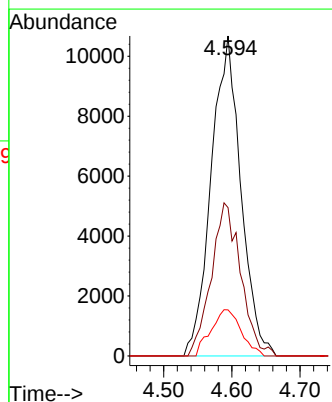
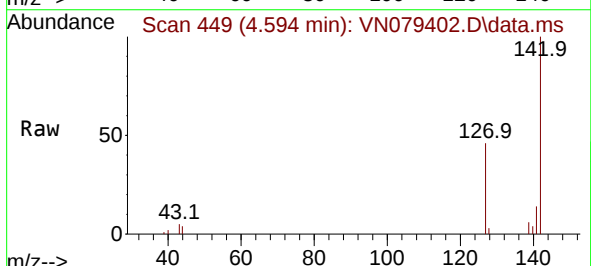
Manual Integrations
APPROVED

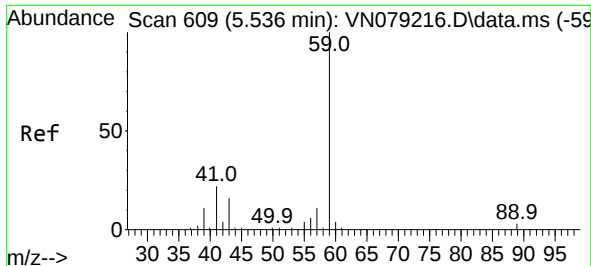
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#10
Methyl Iodide
Concen: 23.292 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion:142 Resp: 32276
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.4 11.4 17.0





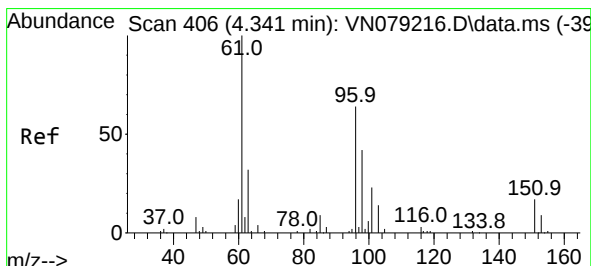
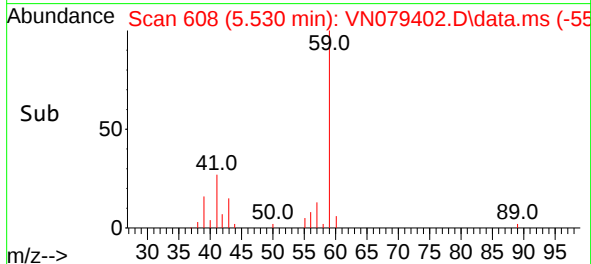
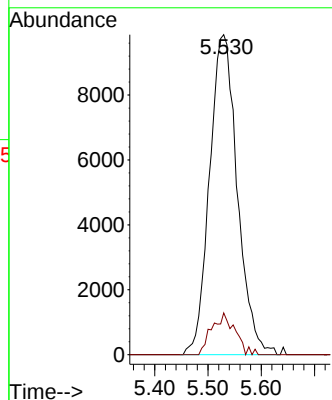
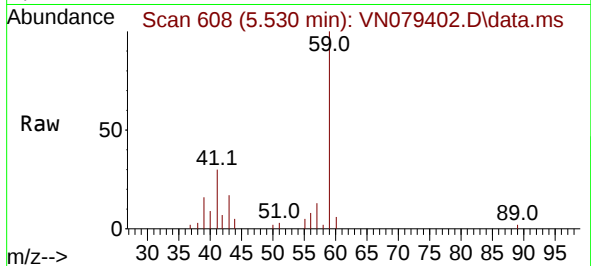
#11
Tert butyl alcohol
Concen: 93.387 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 59 Resp: 35772
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

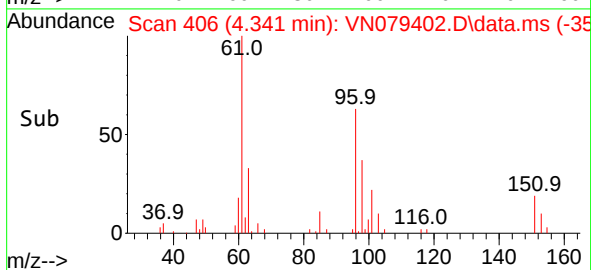
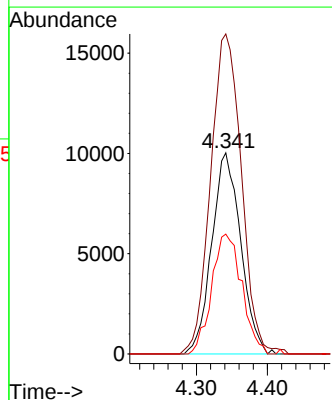
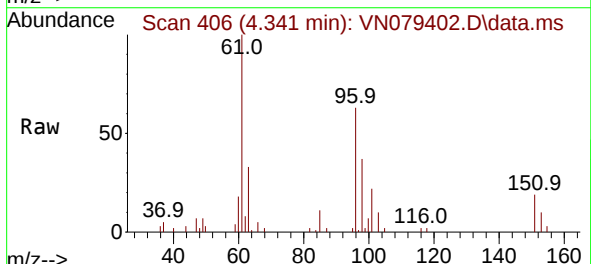
Manual Integrations
APPROVED

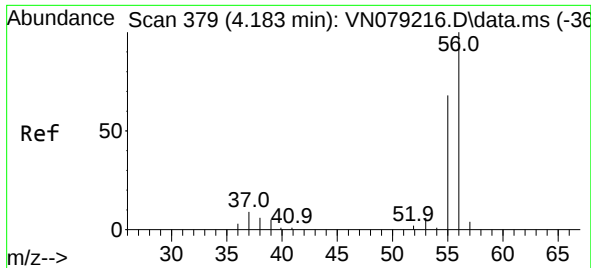
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#12
1,1-Dichloroethene
Concen: 17.305 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

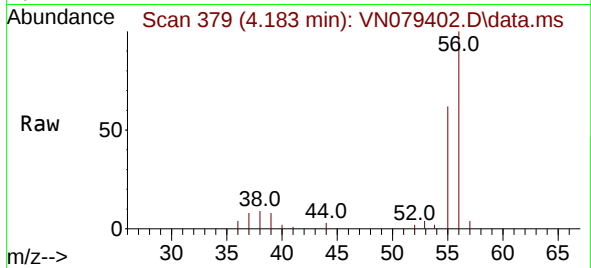
Tgt Ion: 96 Resp: 28368
Ion Ratio Lower Upper
96 100
61 159.1 112.7 169.1
98 59.6 51.2 76.8





#13
Acrolein
Concen: 105.638 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.012 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

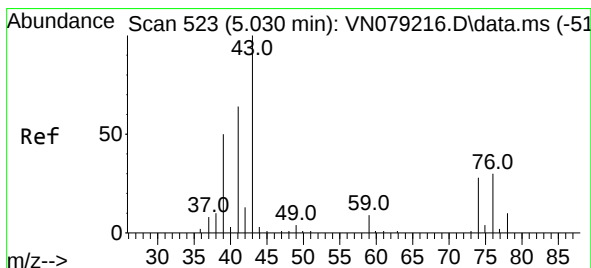
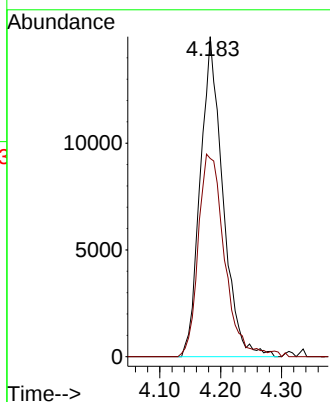
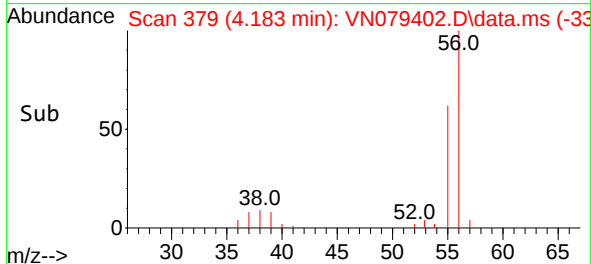
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



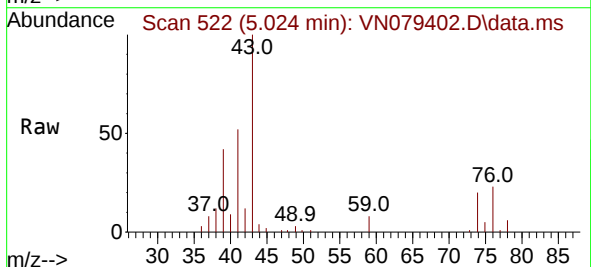
Tgt Ion: 56 Resp: 3859
Ion Ratio Lower Upper
56 100
55 72.9 54.5 81.7

Manual Integrations
APPROVED

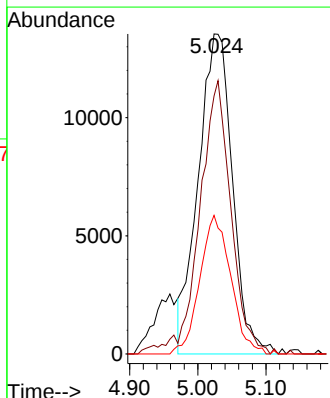
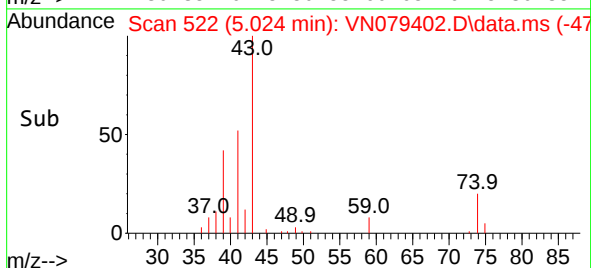
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

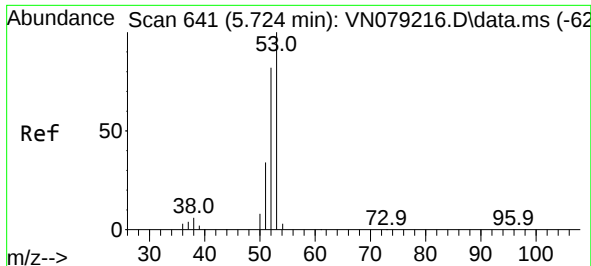


#14
Allyl chloride
Concen: 18.118 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



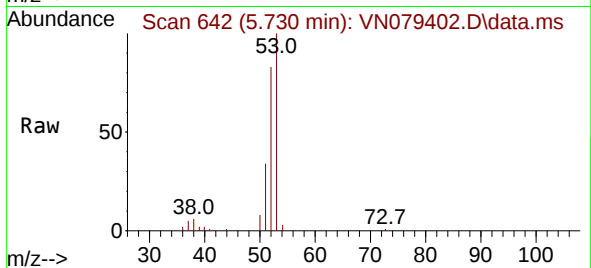
Tgt Ion: 41 Resp: 47378
Ion Ratio Lower Upper
41 100
39 78.3 58.8 88.2
76 39.0 39.1 58.7#





#15
Acrylonitrile
Concen: 110.955 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

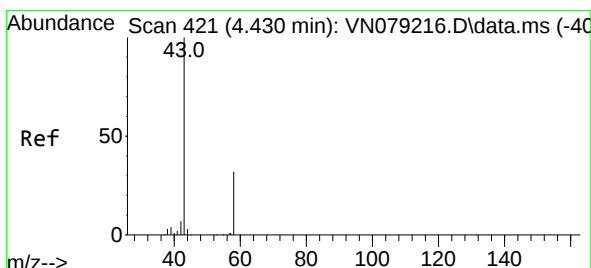
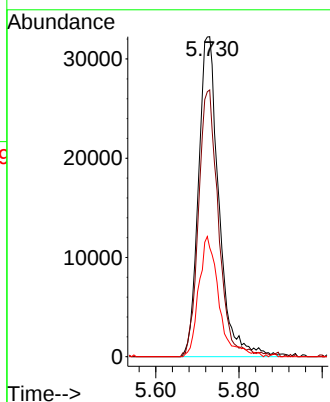
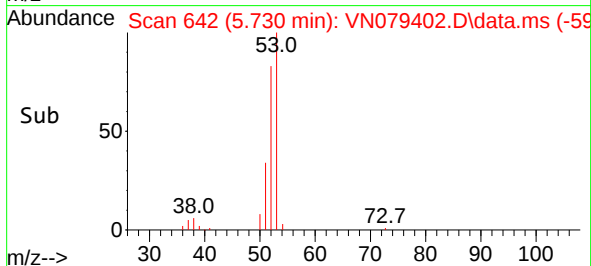
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



Tgt Ion: 53 Resp: 110208
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.5 28.9 43.3

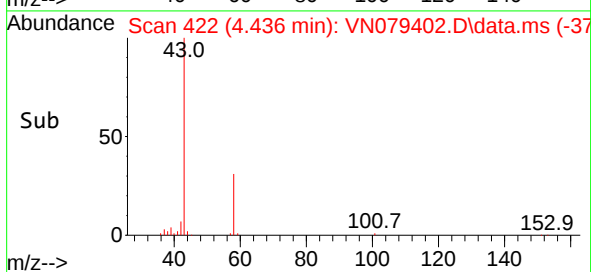
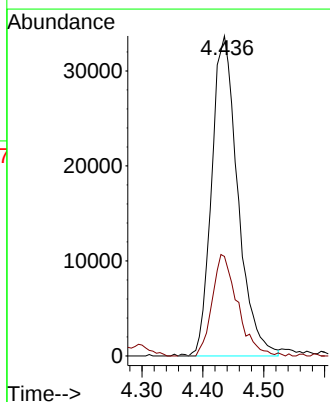
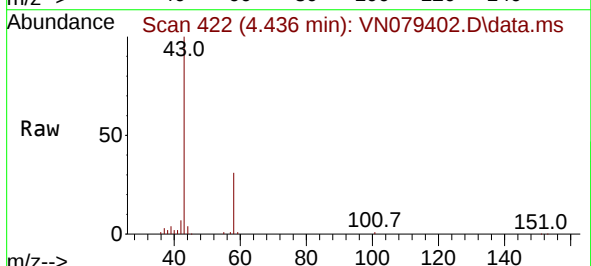
Manual Integrations
APPROVED

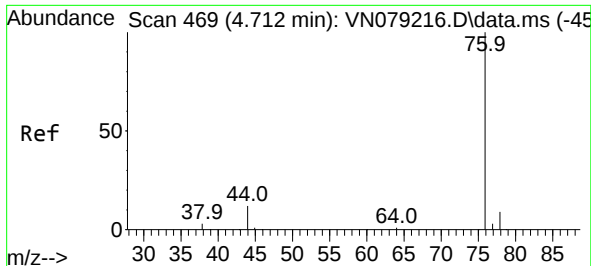
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#16
Acetone
Concen: 113.937 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 43 Resp: 100398
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





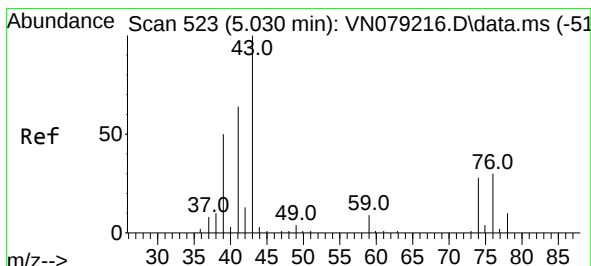
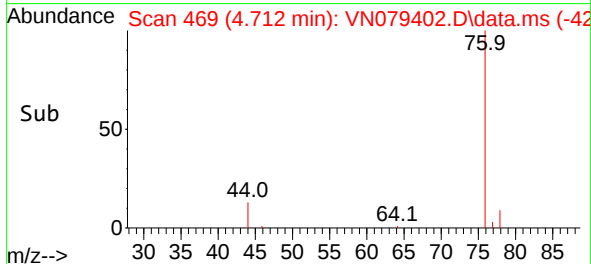
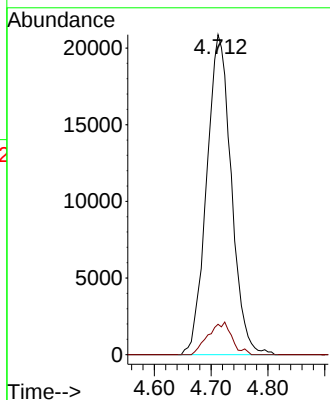
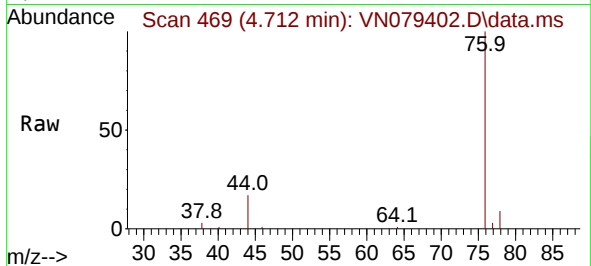
#17
Carbon Disulfide
Concen: 12.262 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 76 Resp: 6282
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

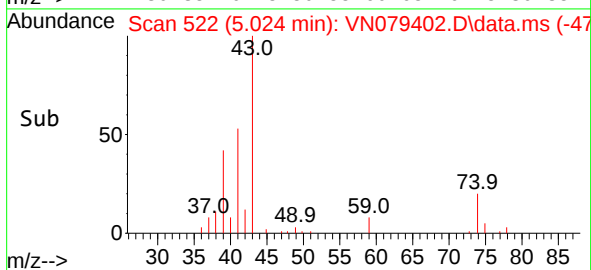
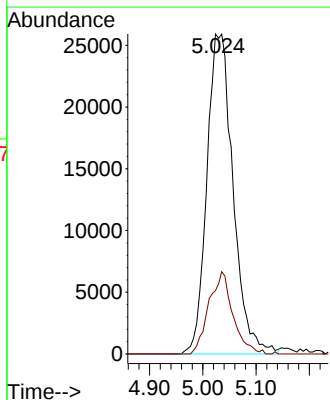
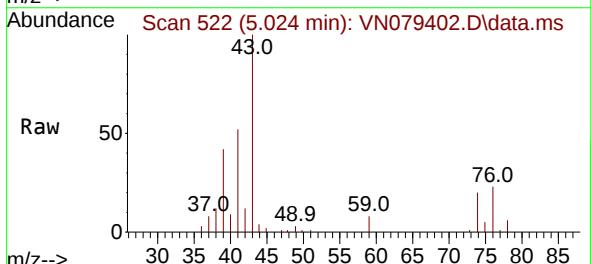
Manual Integrations
APPROVED

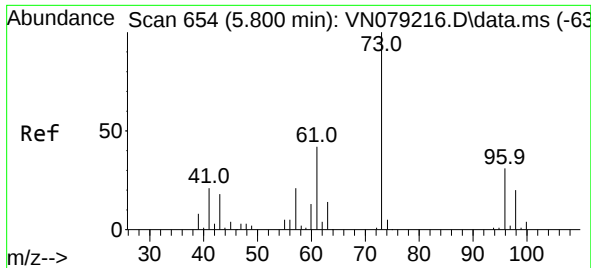
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#18
Methyl Acetate
Concen: 24.484 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 43 Resp: 88668
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#





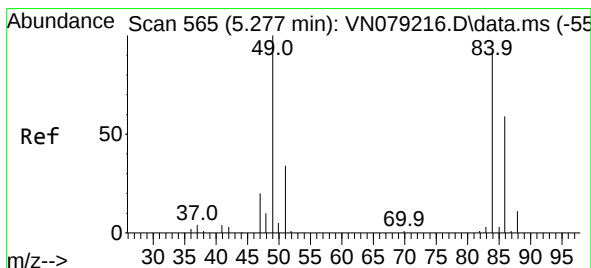
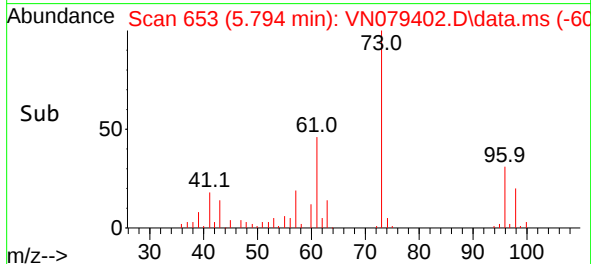
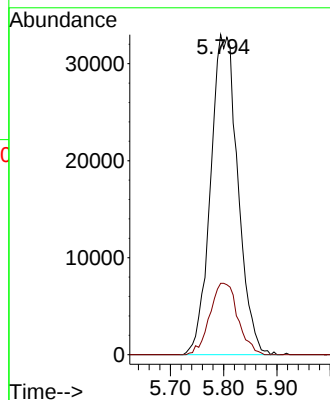
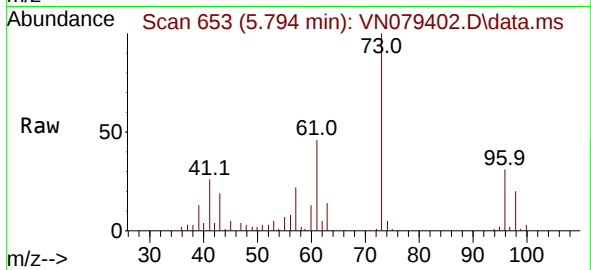
#19
Methyl tert-butyl Ether
Concen: 20.832 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.024 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 73 Resp: 117119
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

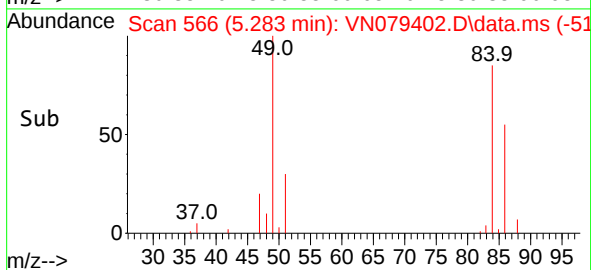
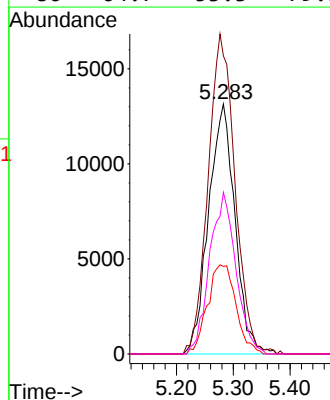
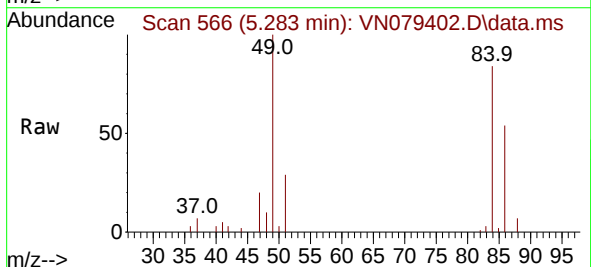
Manual Integrations
APPROVED

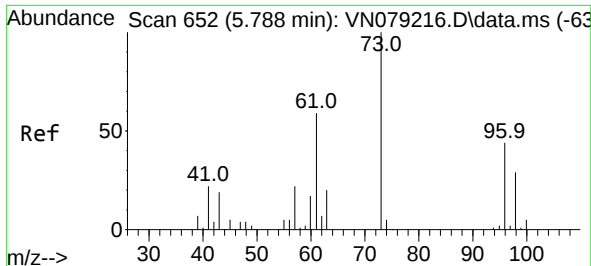
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#20
Methylene Chloride
Concen: 19.808 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 84 Resp: 42476
Ion Ratio Lower Upper
84 100
49 119.3 79.7 119.5
51 35.0 25.2 37.8
86 64.7 53.3 79.9





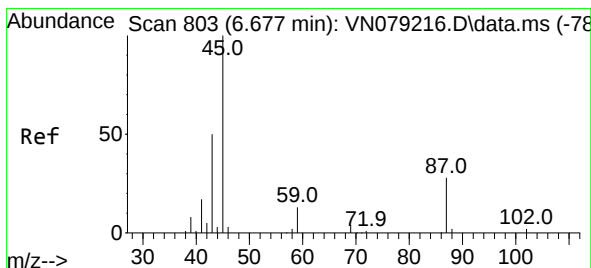
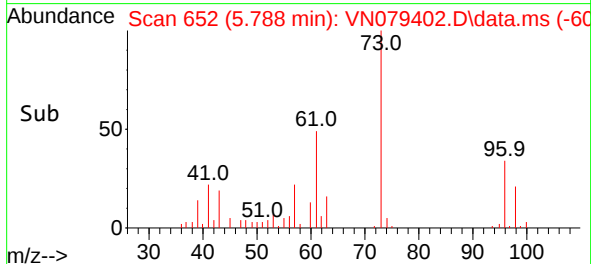
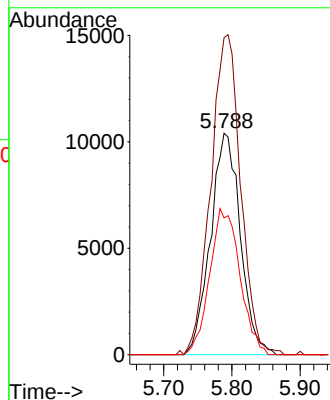
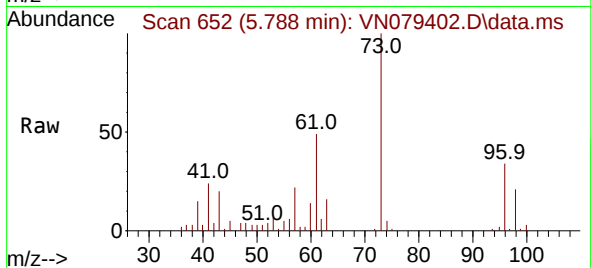
#21
trans-1,2-Dichloroethene
Concen: 16.626 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 96 Resp: 3161
Ion Ratio Lower Upper
96 100
61 141.3 90.1 135.1
98 61.8 46.4 69.6

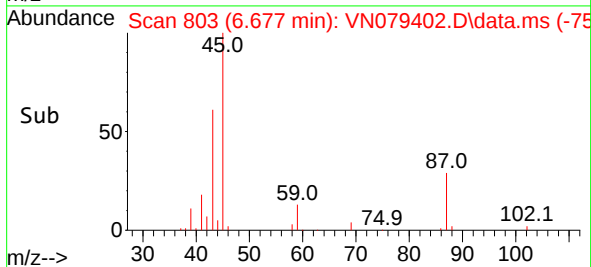
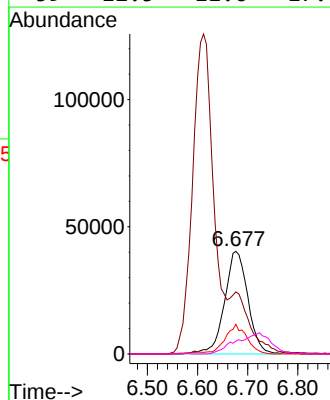
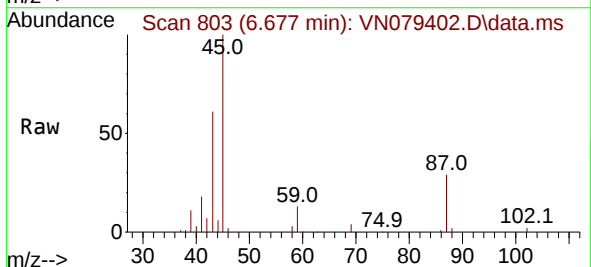
Manual Integrations
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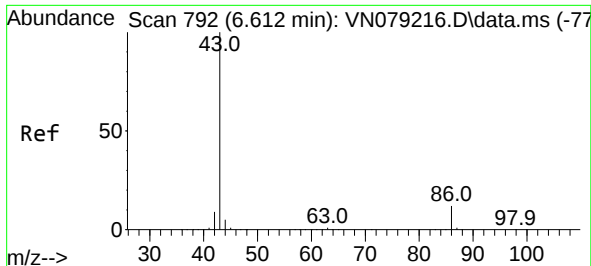
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#22
Diisopropyl ether
Concen: 22.728 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 45 Resp: 130403
Ion Ratio Lower Upper
45 100
43 58.3 45.5 68.3
87 28.9 31.8 47.8
59 12.5 11.6 17.4





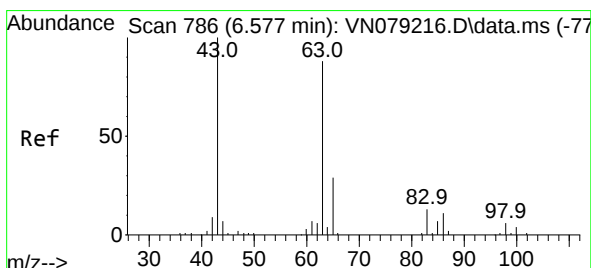
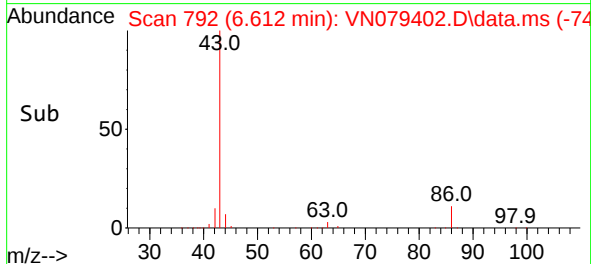
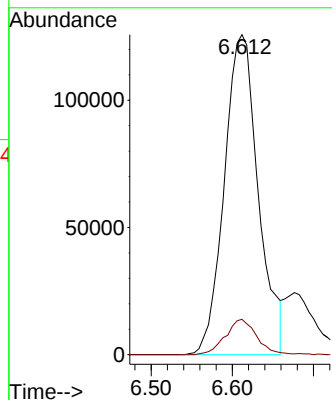
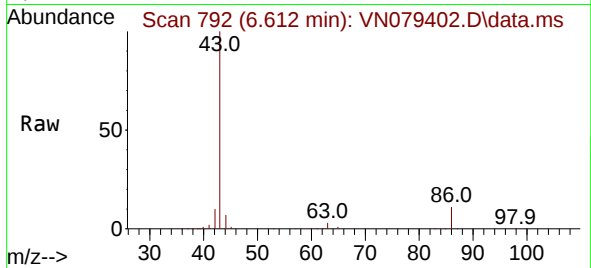
#23
 Vinyl Acetate
 Concen: 103.881 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079402.D
 Acq: 04 Oct 2023 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1004WBSD01

Tgt Ion: 43 Resp: 366607
 Ion Ratio Lower Upper
 43 100
 86 11.1 13.0 19.6

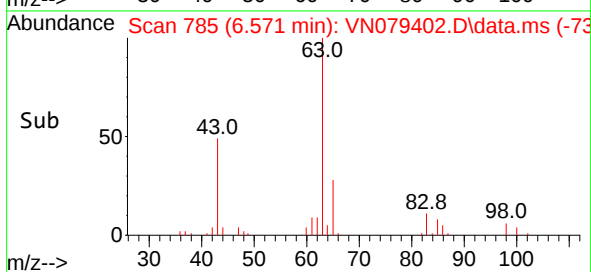
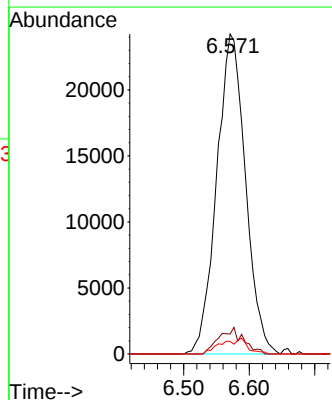
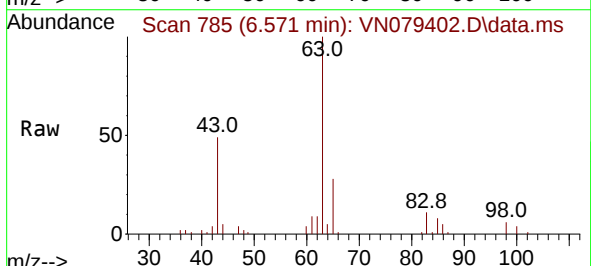
Manual Integrations
 APPROVED

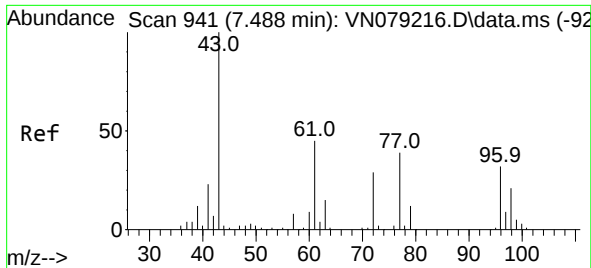
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#24
 1,1-Dichloroethane
 Concen: 20.874 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079402.D
 Acq: 04 Oct 2023 14:46

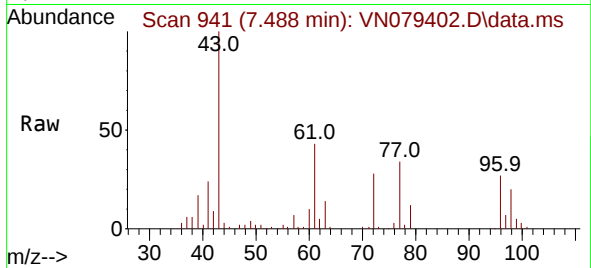
Tgt Ion: 63 Resp: 73830
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 113.107 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

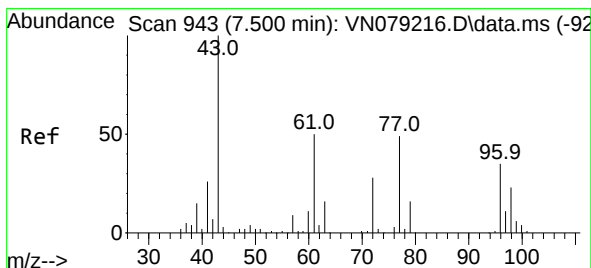
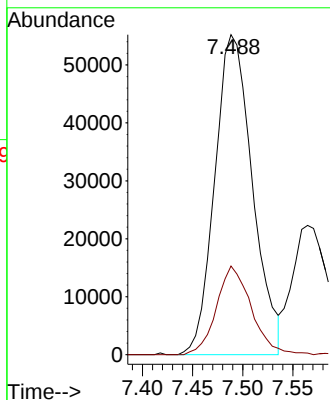
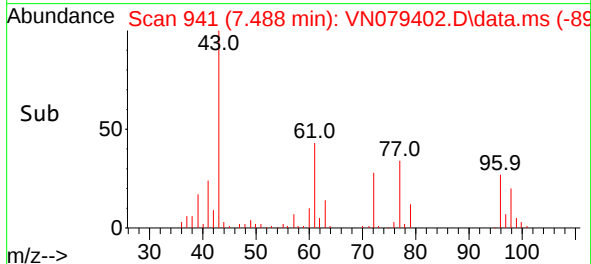
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



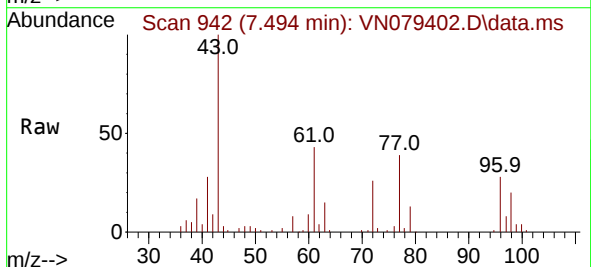
Tgt Ion: 43 Resp: 144609
Ion Ratio Lower Upper
43 100
72 27.7 30.2 45.2

Manual Integrations
APPROVED

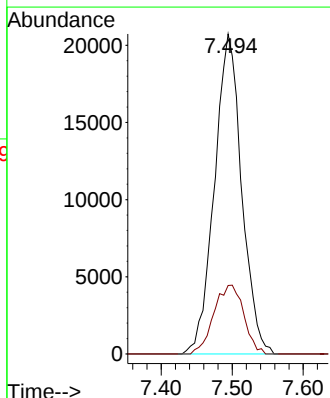
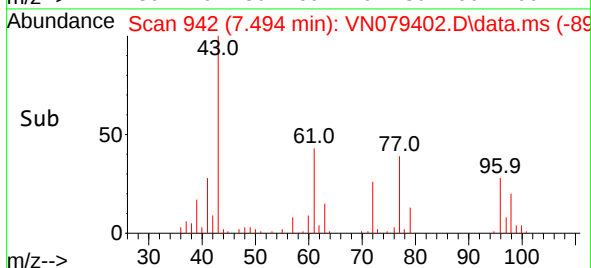
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

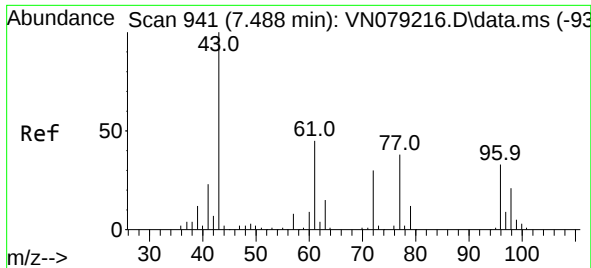


#26
2,2-Dichloropropane
Concen: 19.023 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



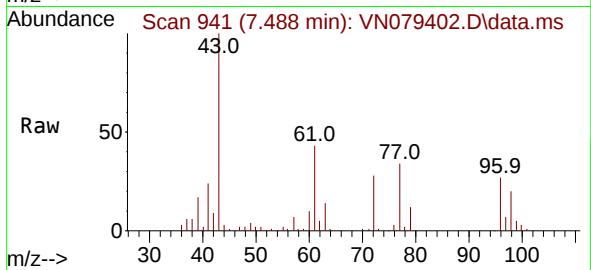
Tgt Ion: 77 Resp: 55215
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.973 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.012 min
 Lab File: VN079402.D
 Acq: 04 Oct 2023 14:46

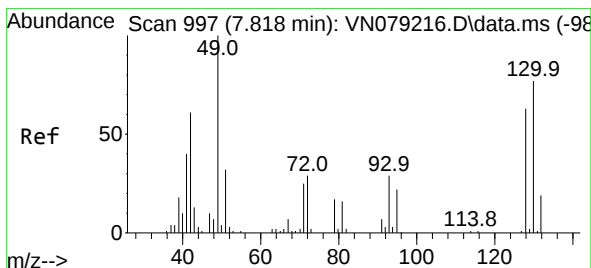
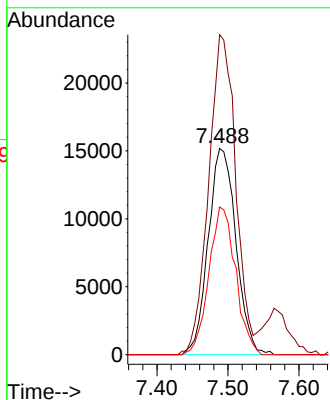
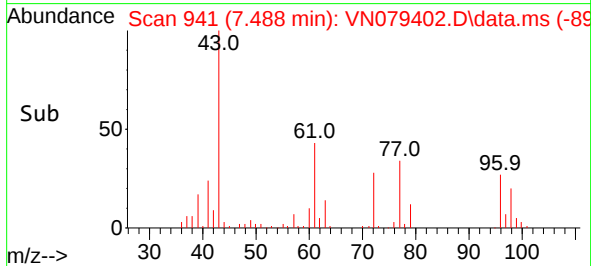
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1004WBSD01



Tgt Ion: 96 Resp: 41254
 Ion Ratio Lower Upper
 96 100
 61 152.1 0.0 255.2
 98 68.8 0.0 128.8

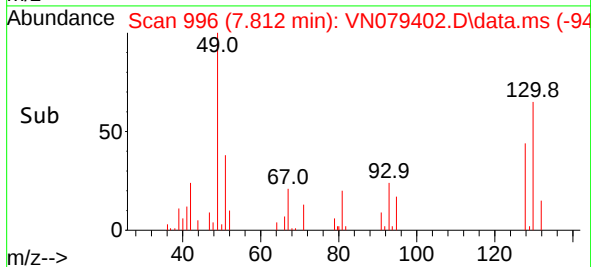
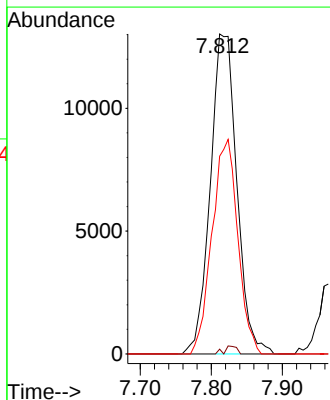
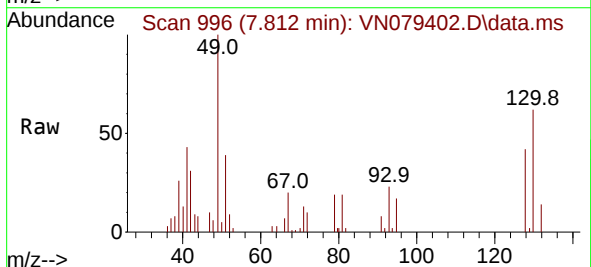
Manual Integrations
 APPROVED

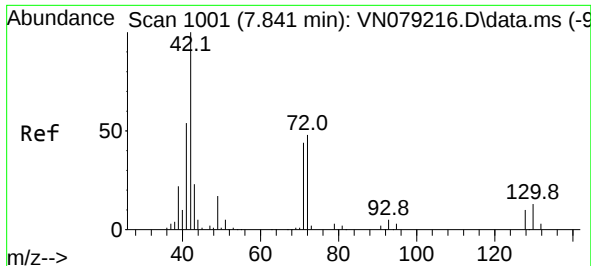
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#28
 Bromochloromethane
 Concen: 21.134 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.012 min
 Lab File: VN079402.D
 Acq: 04 Oct 2023 14:46

Tgt Ion: 49 Resp: 33797
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.8
 130 65.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 113.386 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion: 42 Resp: 9225

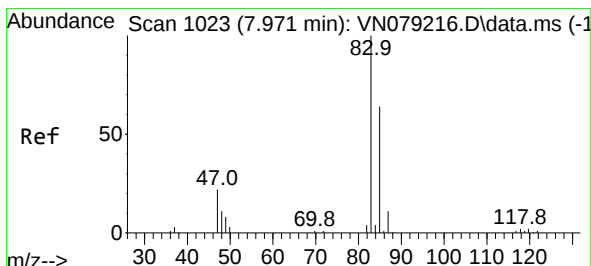
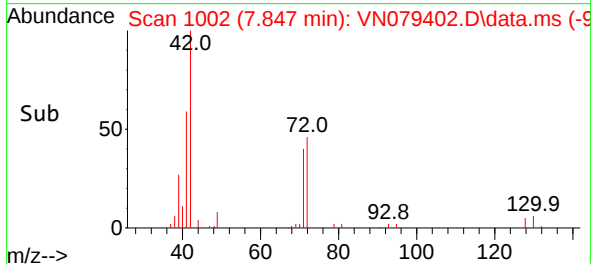
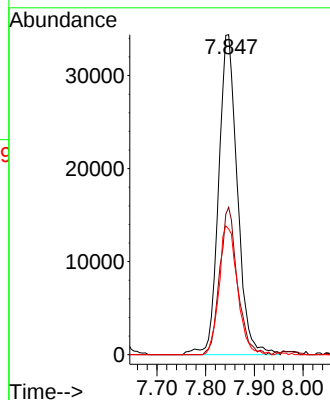
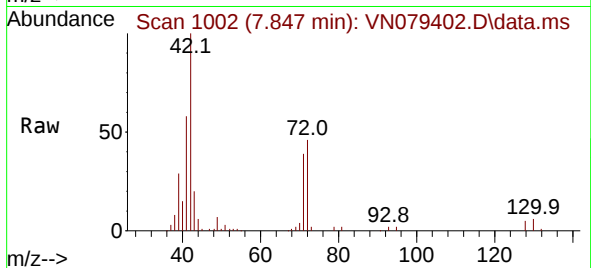
Ion	Ratio	Lower	Upper
42	100		
72	43.4	49.8	74.6
71	39.7	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#30

Chloroform

Concen: 21.017 ug/l

RT: 7.971 min Scan# 1023

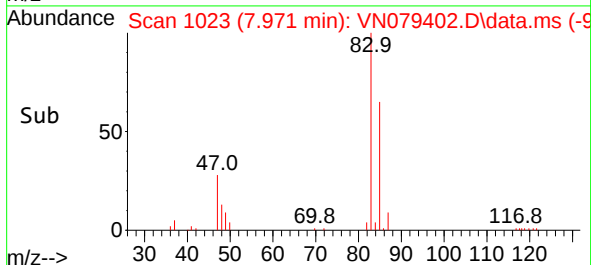
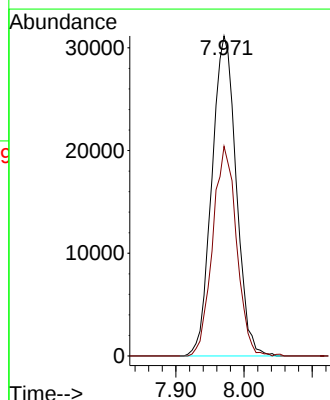
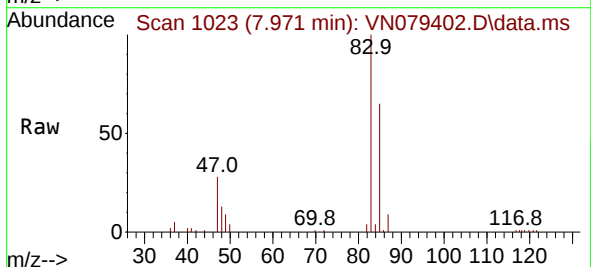
Delta R.T. -0.006 min

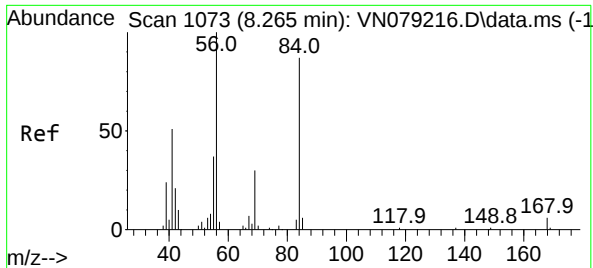
Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Tgt Ion: 83 Resp: 77396

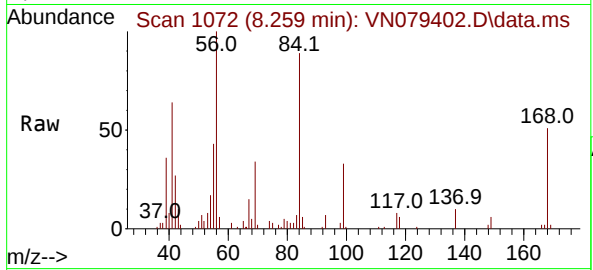
Ion	Ratio	Lower	Upper
83	100		
85	65.5	55.4	83.0





#31
Cyclohexane
Concen: 17.015 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

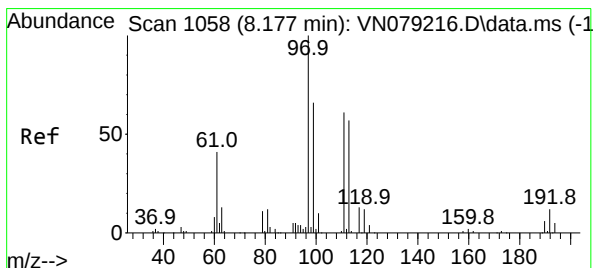
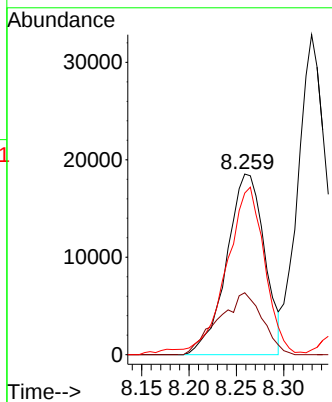
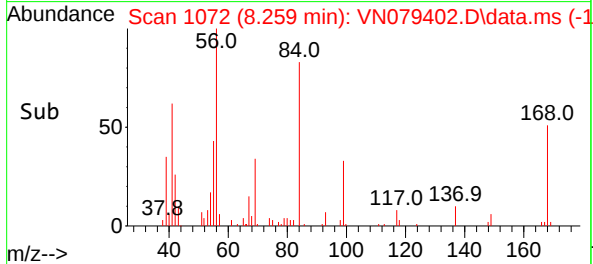
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



Tgt Ion: 56 Resp: 51548
Ion Ratio Lower Upper
56 100
69 34.2 26.8 40.2
84 86.5 81.8 122.6

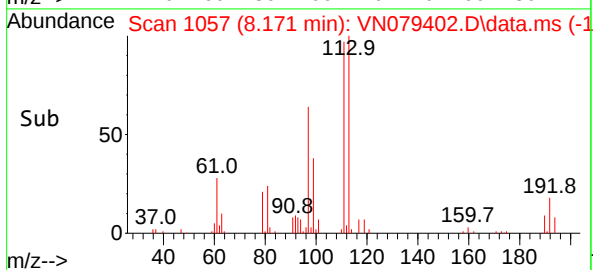
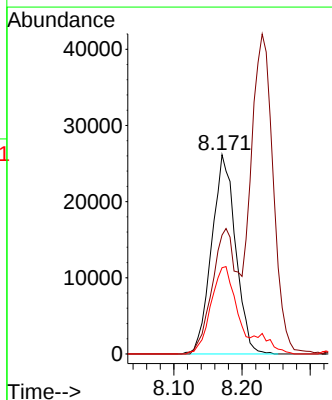
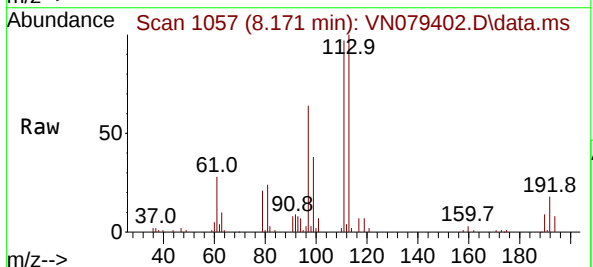
Manual Integrations
APPROVED

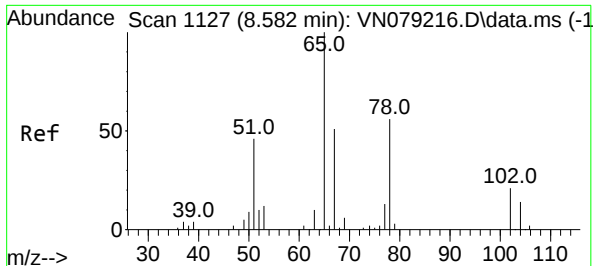
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#32
1,1,1-Trichloroethane
Concen: 20.332 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 97 Resp: 63826
Ion Ratio Lower Upper
97 100
99 66.5 50.3 75.5
61 46.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.047 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion: 65 Resp: 120430

Ion Ratio Lower Upper

65 100

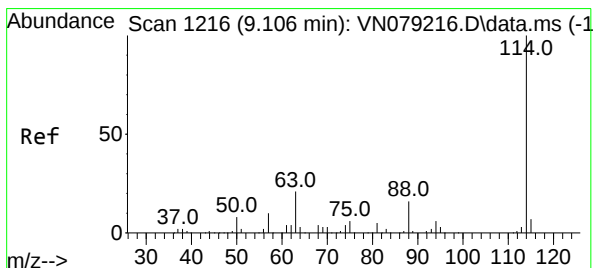
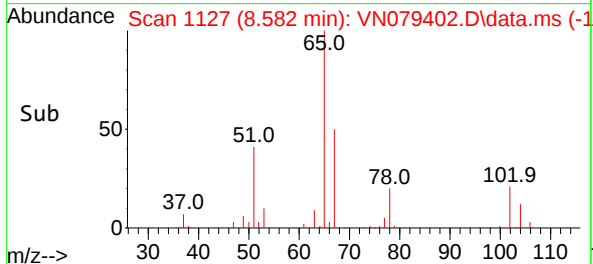
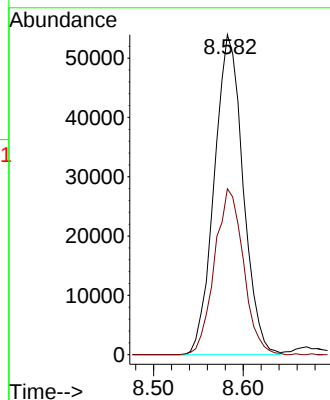
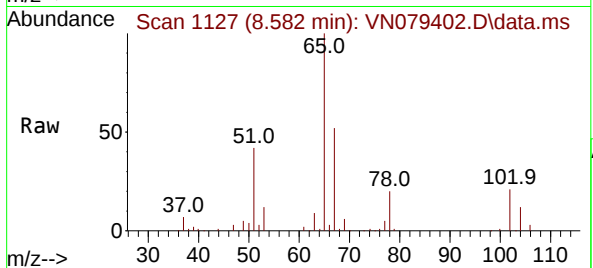
67 51.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

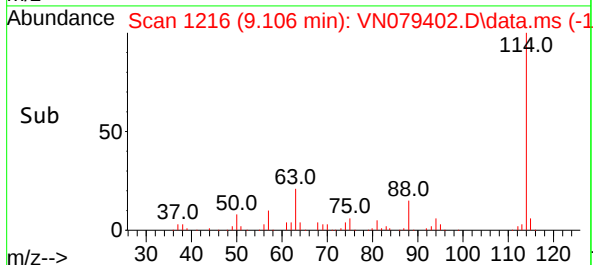
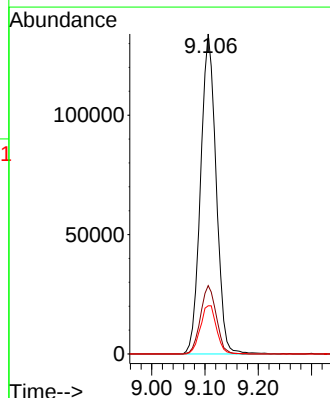
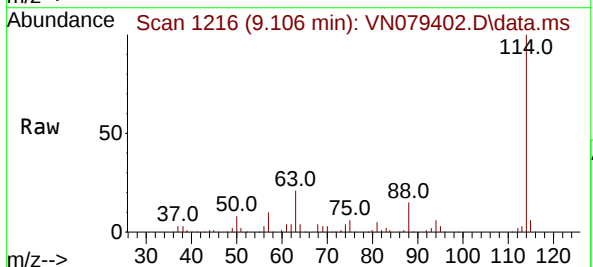
Tgt Ion:114 Resp: 271184

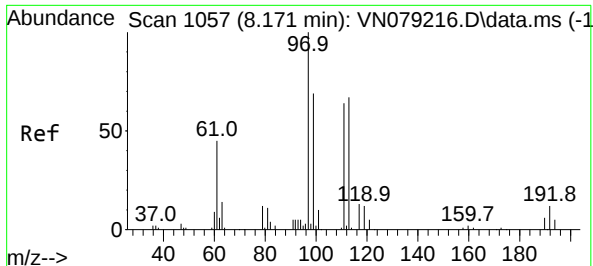
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.173 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

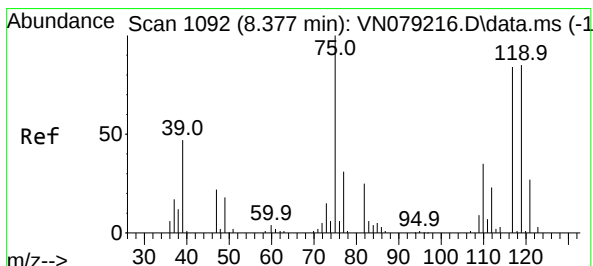
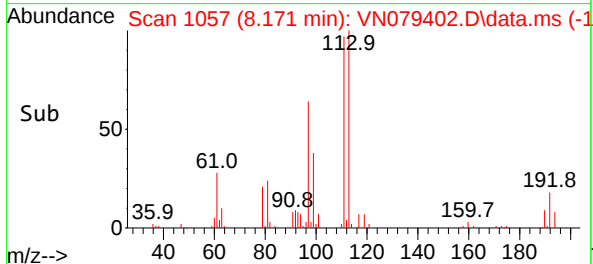
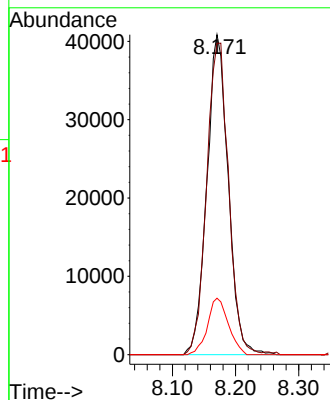
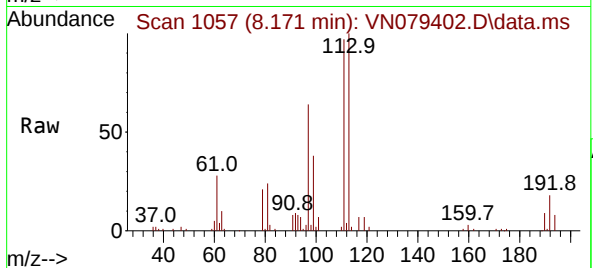
Tgt Ion:	113	Resp:	9591
Ion Ratio	Lower	Upper	
113	100		
111	100.1	82.6	123.8
192	17.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#36

1,1-Dichloropropene

Concen: 17.538 ug/l

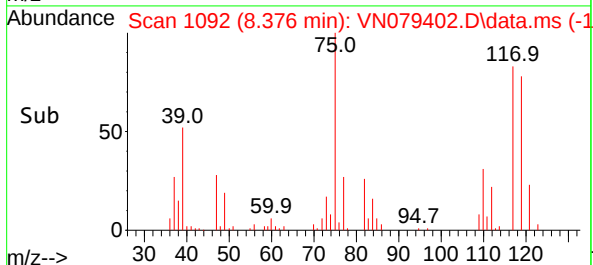
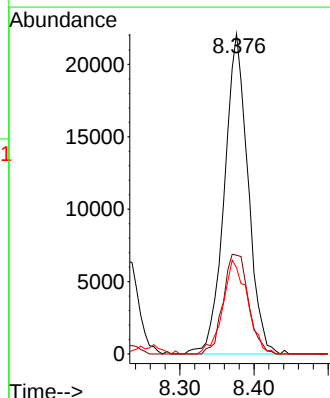
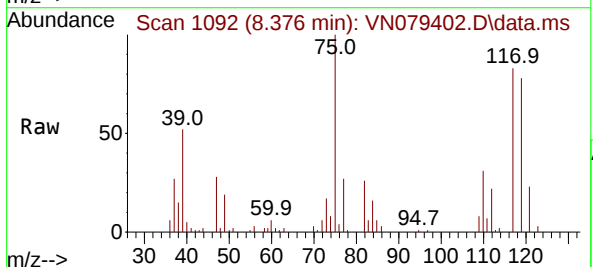
RT: 8.376 min Scan# 1092

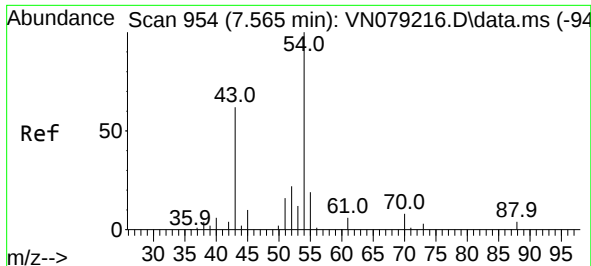
Delta R.T. -0.001 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Tgt Ion:	75	Resp:	48764
Ion Ratio	Lower	Upper	
75	100		
110	33.3	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 20.871 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion: 43 Resp: 5788

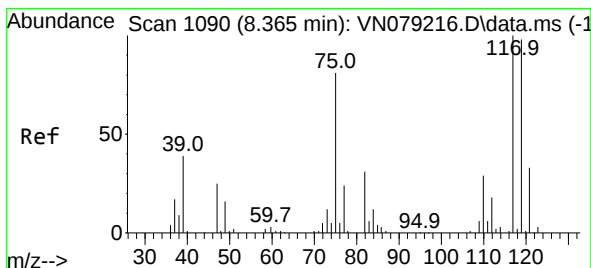
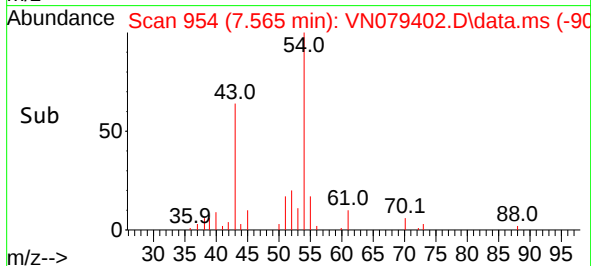
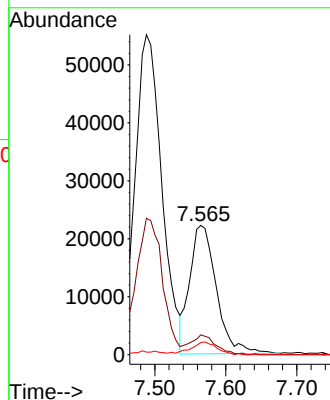
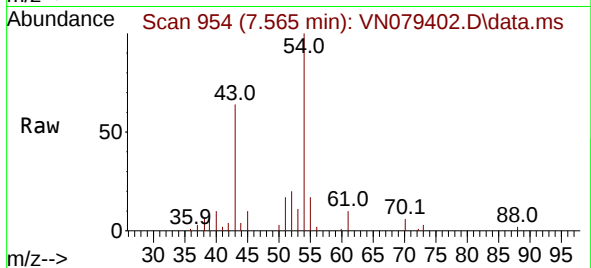
Ion	Ratio	Lower	Upper
43	100		
61	13.9	13.2	19.8
70	9.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#38

Carbon Tetrachloride

Concen: 17.786 ug/l

RT: 8.365 min Scan# 1090

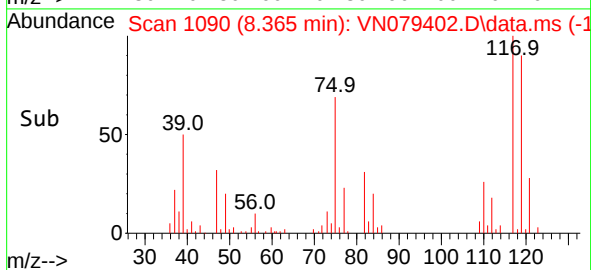
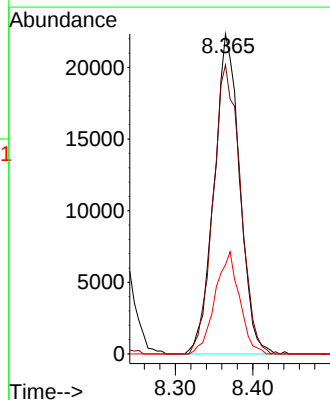
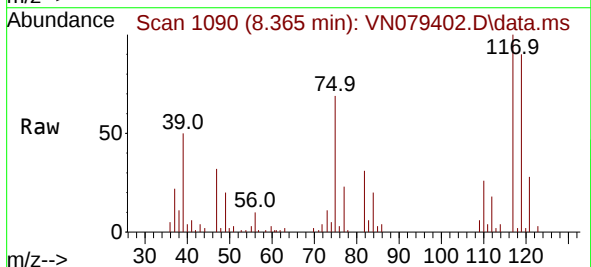
Delta R.T. -0.006 min

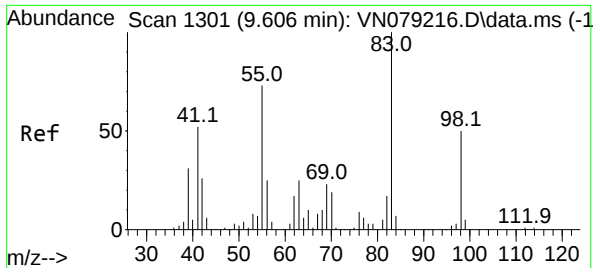
Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Tgt Ion:117 Resp: 51176

Ion	Ratio	Lower	Upper
117	100		
119	90.3	77.3	115.9
121	27.9	23.3	34.9





#39
Methylcyclohexane
Concen: 15.127 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

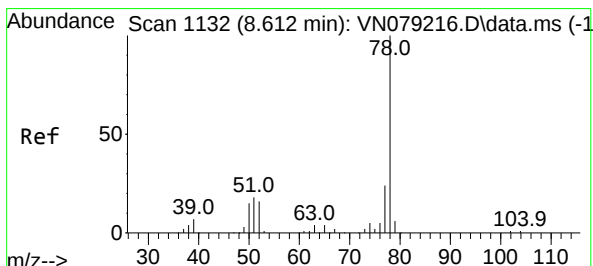
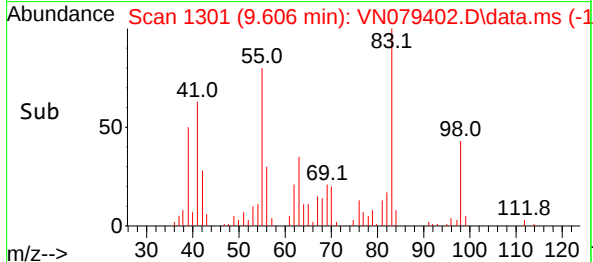
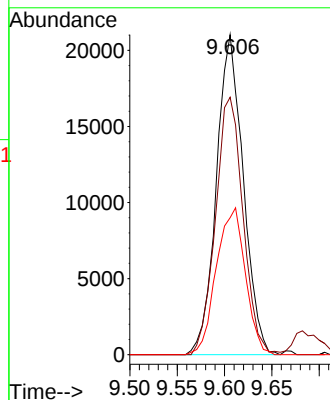
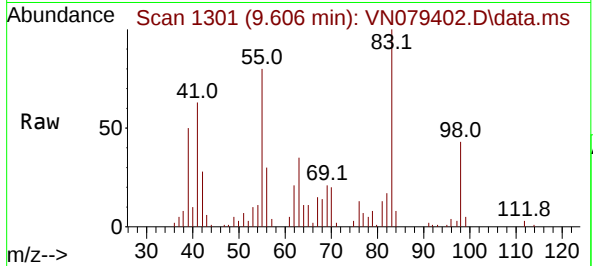
VN1004WBSD01

Tgt Ion: 83 Resp: 41489
Ion Ratio Lower Upper
83 100
55 80.4 49.1 73.7
98 42.8 40.6 61.0

Manual Integrations

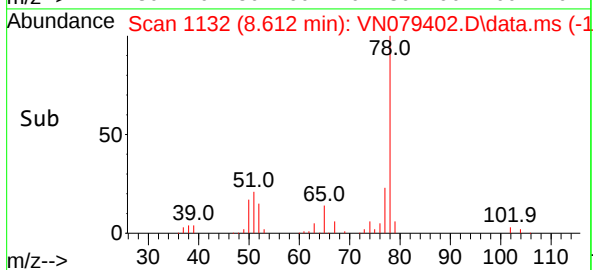
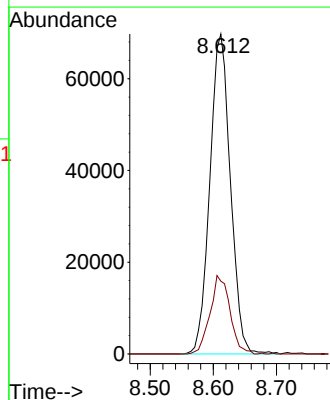
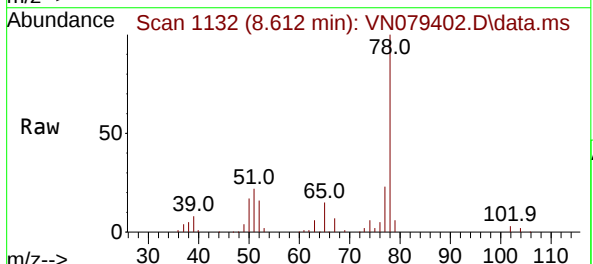
APPROVED

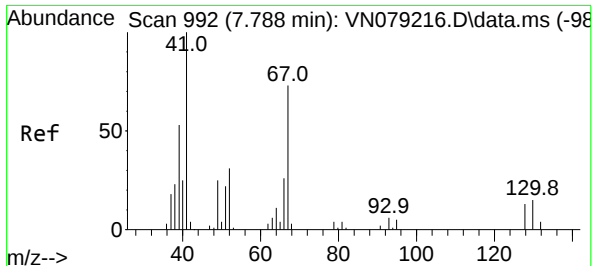
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#40
Benzene
Concen: 18.527 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

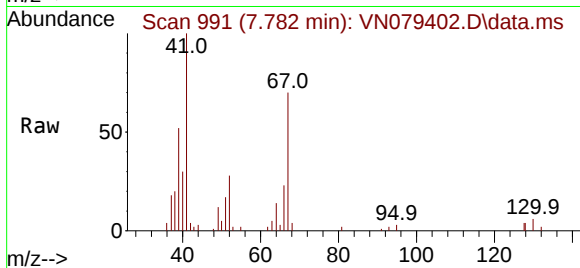
Tgt Ion: 78 Resp: 157696
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6





#41
Methacrylonitrile
Concen: 21.864 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

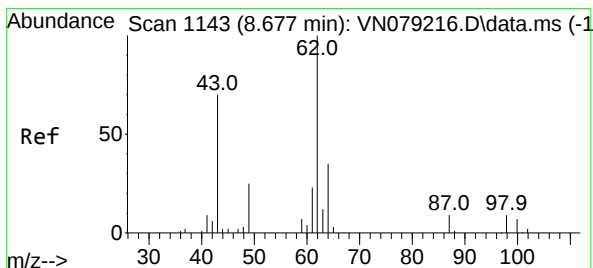
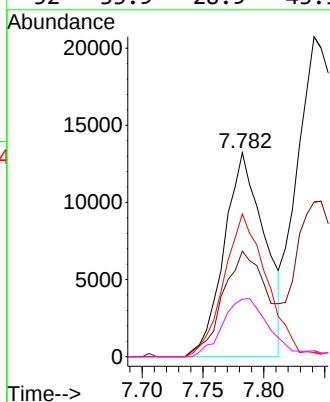
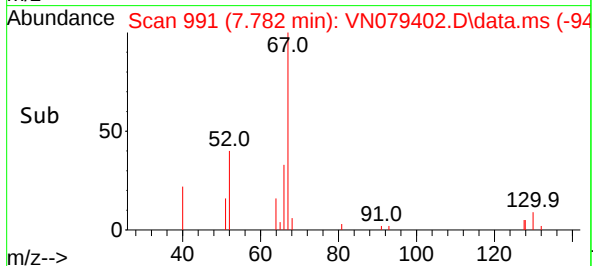
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



Tgt Ion: 41 Resp: 30572
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 74.0 77.5 116.3
52 33.9 28.9 43.3

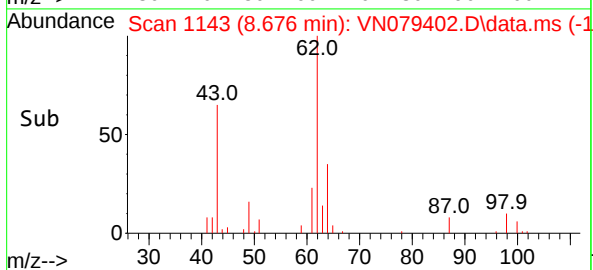
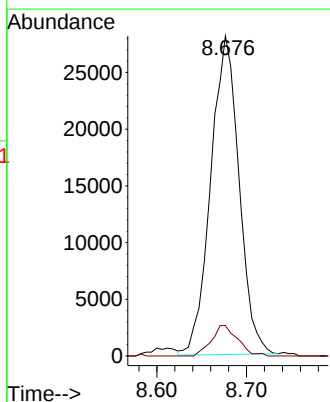
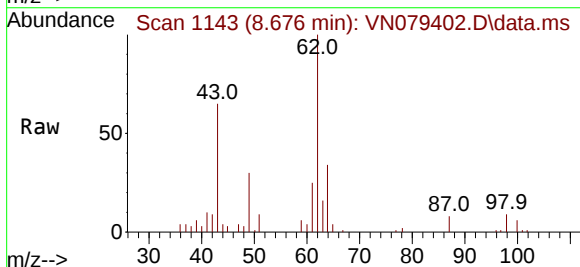
Manual Integrations
APPROVED

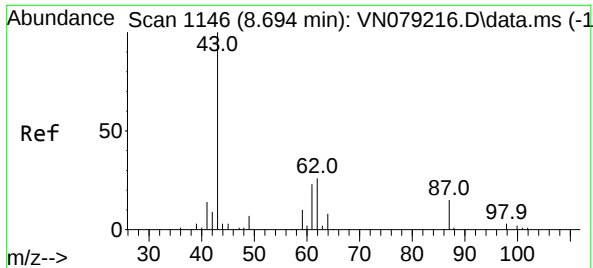
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#42
1,2-Dichloroethane
Concen: 21.041 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 62 Resp: 61655
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.827 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion: 43 Resp: 9876

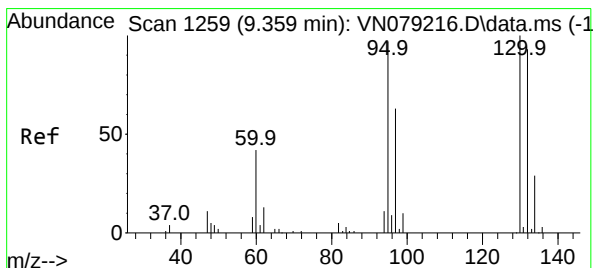
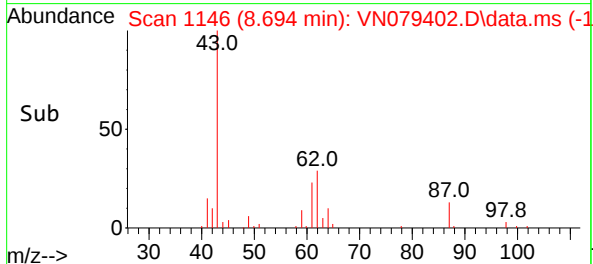
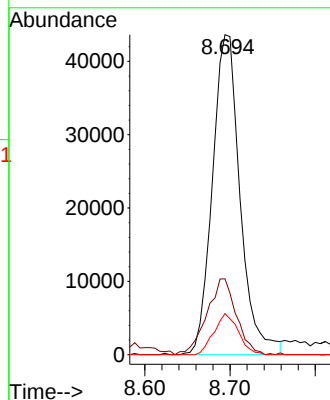
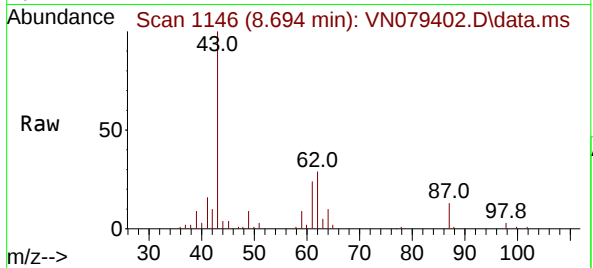
Ion	Ratio	Lower	Upper
43	100		
61	25.1	24.7	37.1
87	11.3	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#44

Trichloroethene

Concen: 16.736 ug/l

RT: 9.359 min Scan# 1259

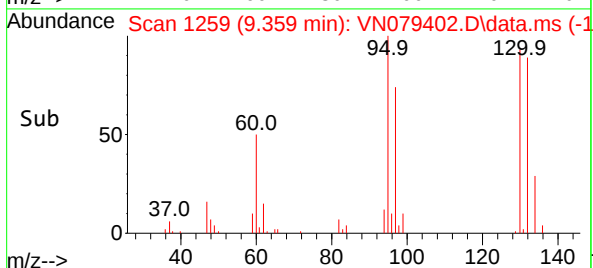
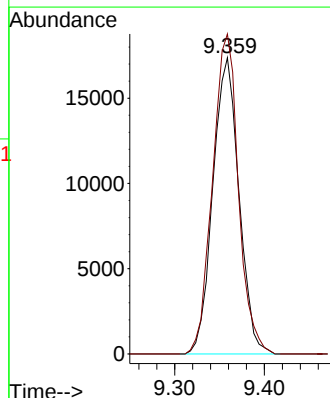
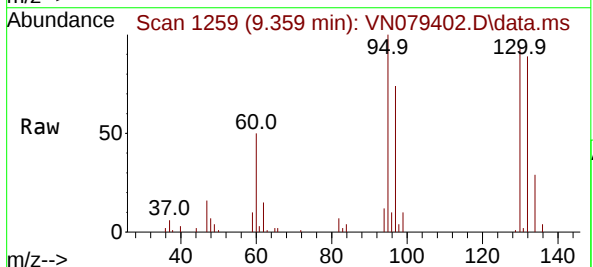
Delta R.T. -0.000 min

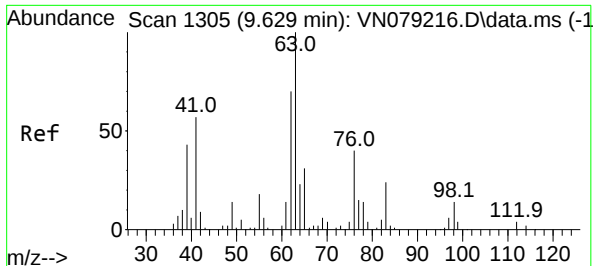
Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Tgt Ion:130 Resp: 35092

Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 21.444 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion: 63 Resp: 4529

Ion Ratio Lower Upper

63 100

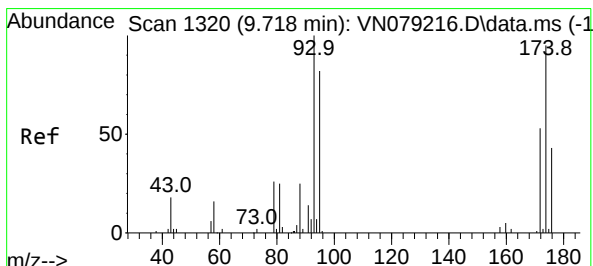
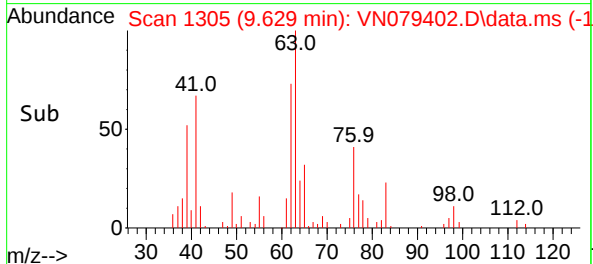
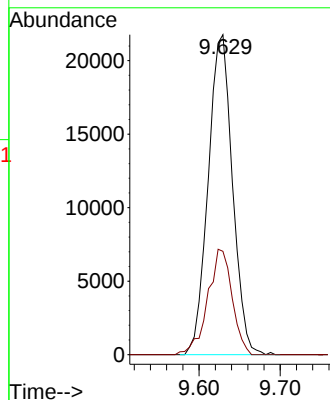
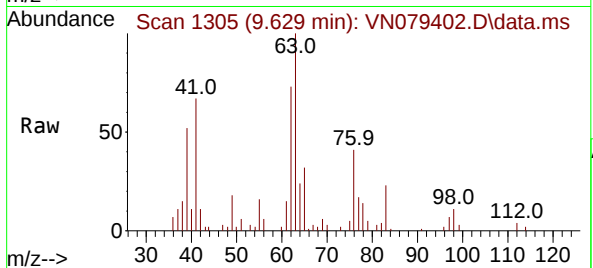
65 32.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#46

Dibromomethane

Concen: 20.797 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

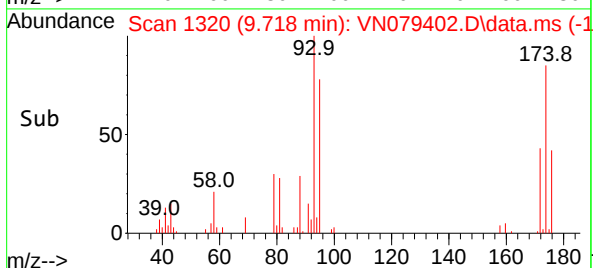
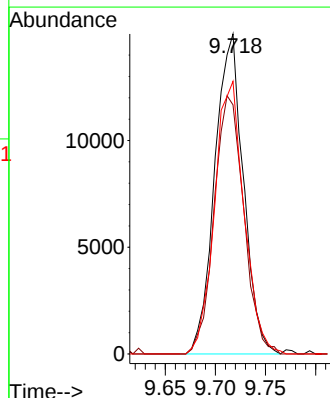
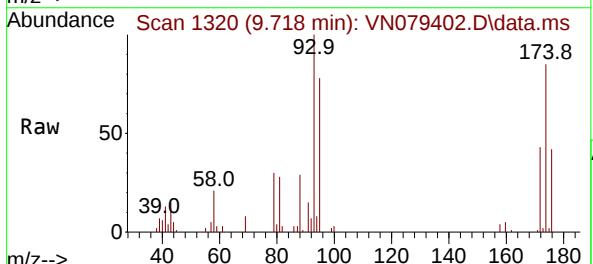
Tgt Ion: 93 Resp: 29823

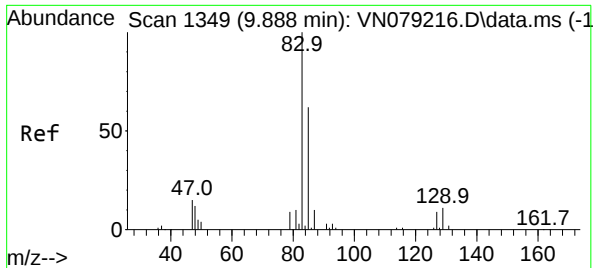
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

174 87.6 65.6 98.4





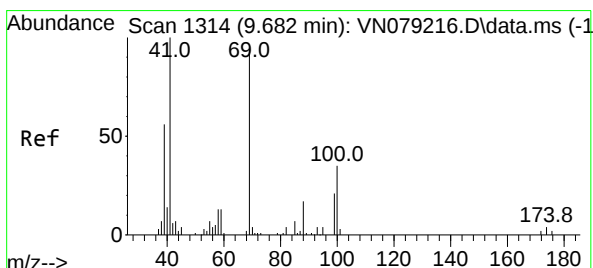
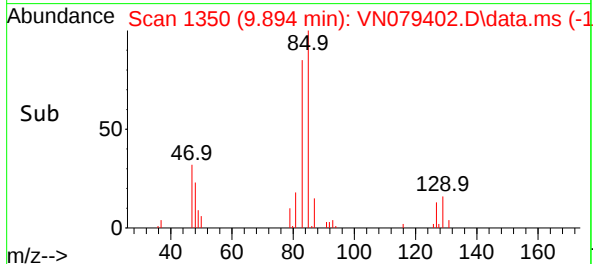
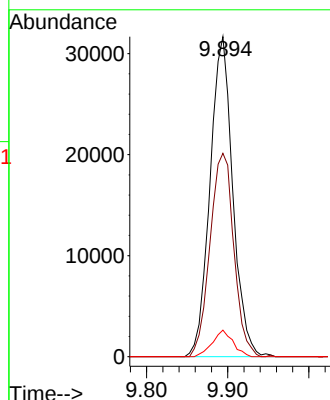
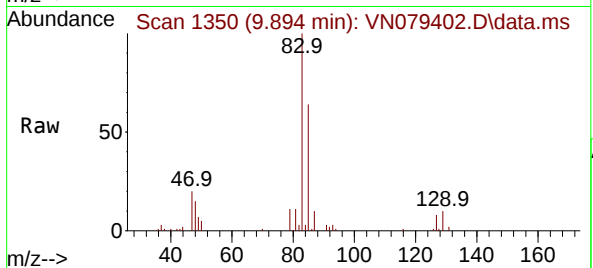
#47
Bromodichloromethane
Concen: 20.987 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 83 Resp: 6164
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 8.3 7.0 10.6

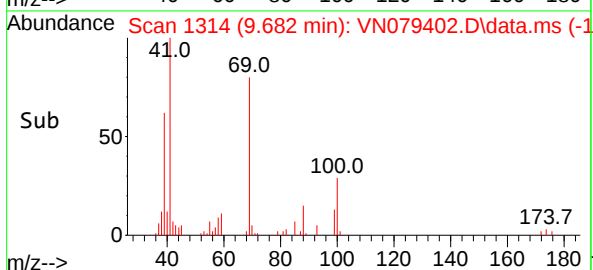
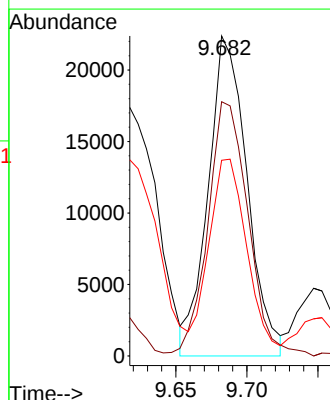
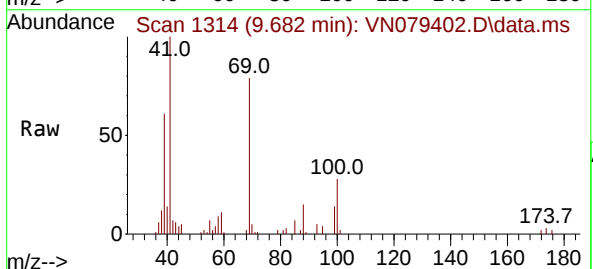
Manual Integrations
APPROVED

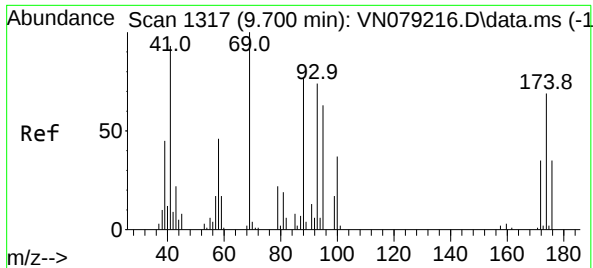
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#48
Methyl methacrylate
Concen: 21.030 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 41 Resp: 42626
Ion Ratio Lower Upper
41 100
69 82.3 90.4 135.6#
39 60.8 54.6 81.8





#49

1,4-Dioxane

Concen: 400.342 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion: 88 Resp: 16690

Ion Ratio Lower Upper

88 100

43 25.4 17.0 25.6

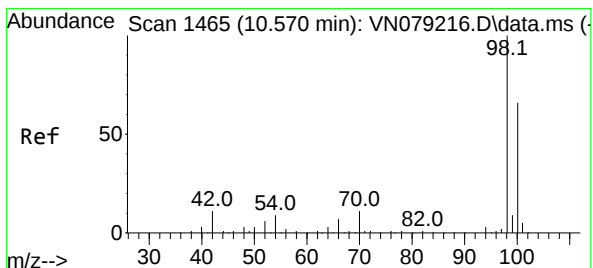
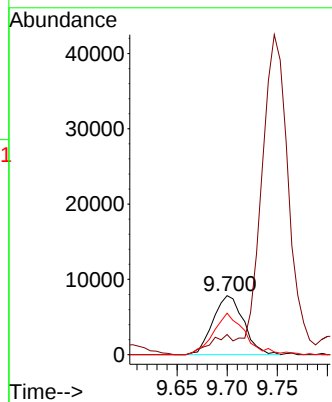
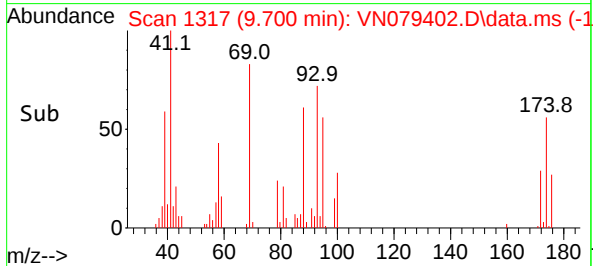
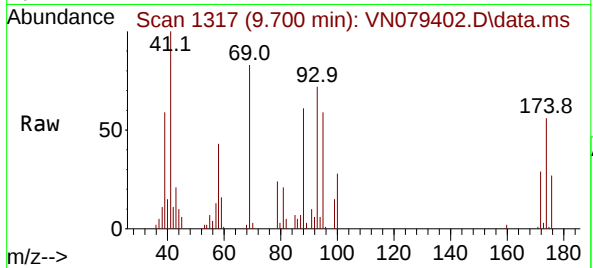
58 73.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#50

Toluene-d8

Concen: 48.962 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN079402.D

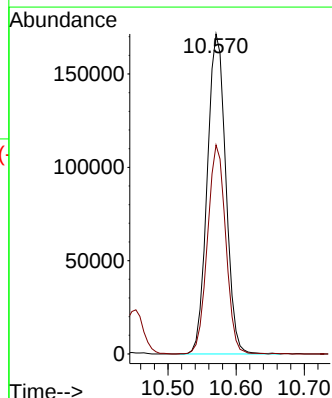
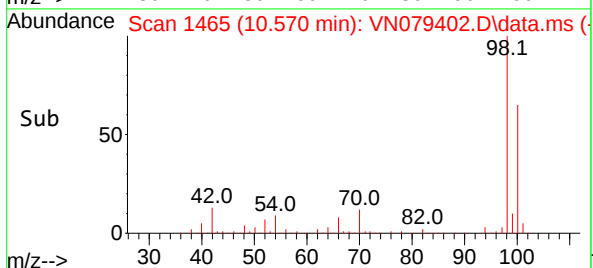
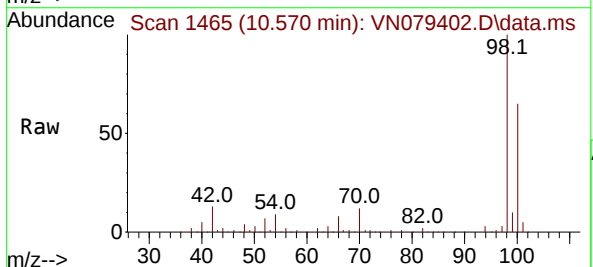
Acq: 04 Oct 2023 14:46

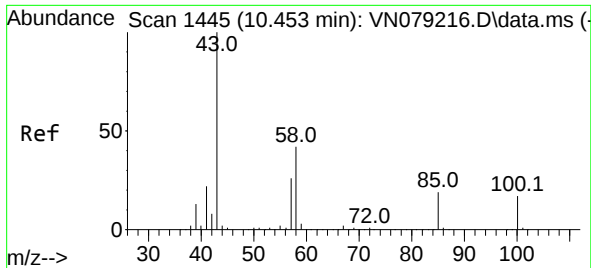
Tgt Ion: 98 Resp: 324300

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





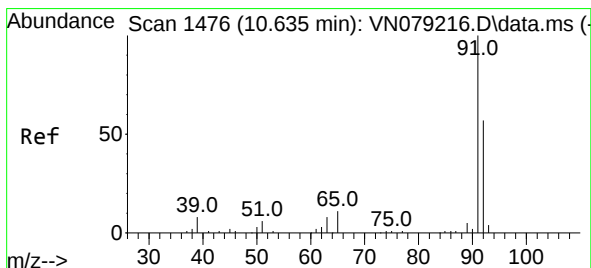
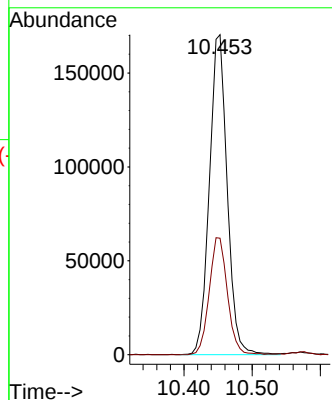
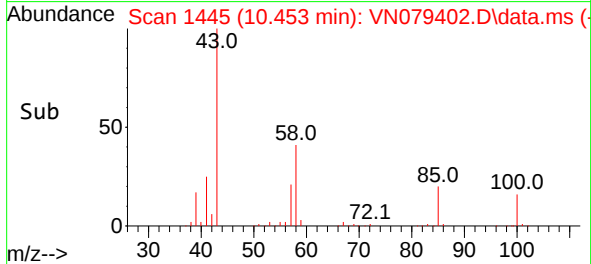
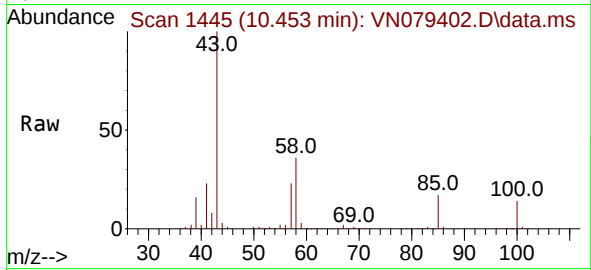
#51
4-Methyl-2-Pentanone
Concen: 117.902 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 43 Resp: 30970
Ion Ratio Lower Upper
43 100
58 37.4 36.6 54.8

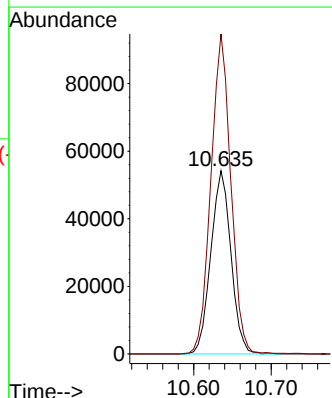
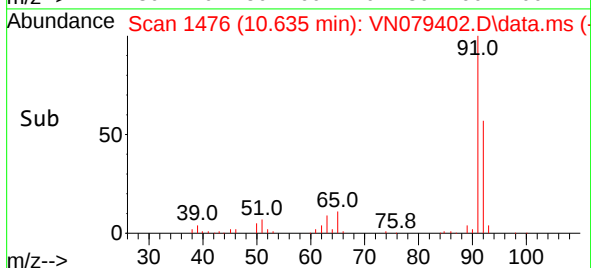
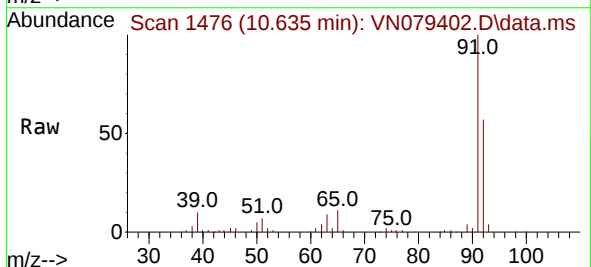
Manual Integrations
APPROVED

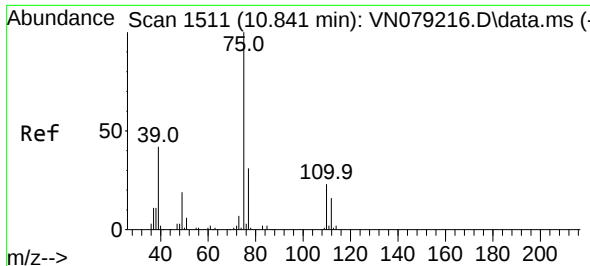
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#52
Toluene
Concen: 18.668 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion: 92 Resp: 97651
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0





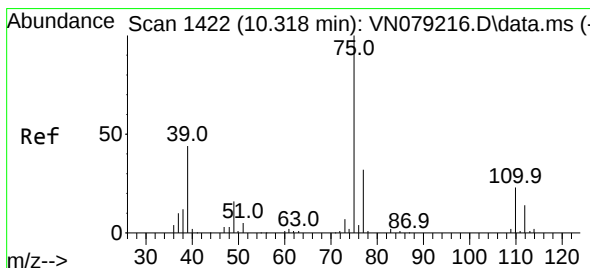
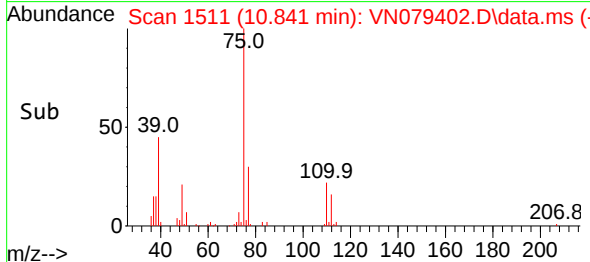
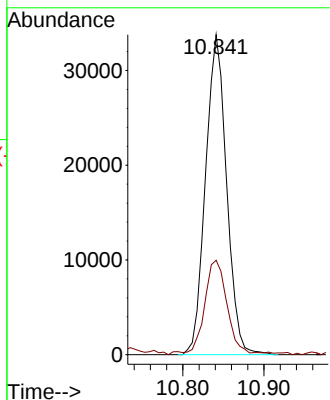
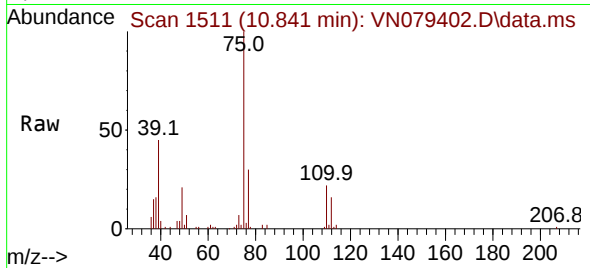
#53
t-1,3-Dichloropropene
Concen: 19.659 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 75 Resp: 6088
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.0

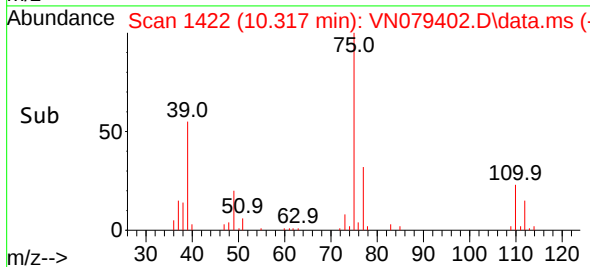
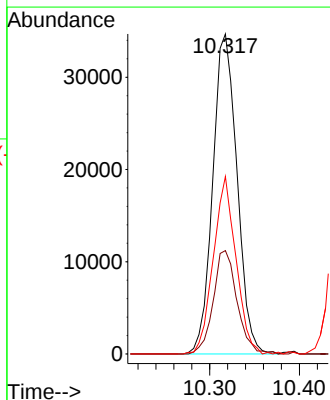
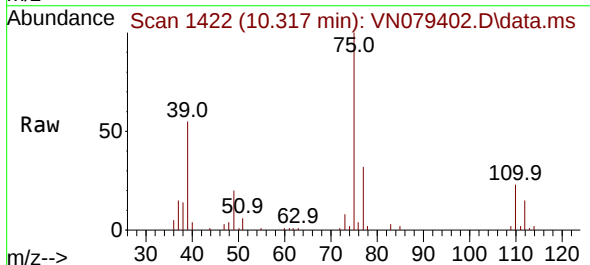
Manual Integrations
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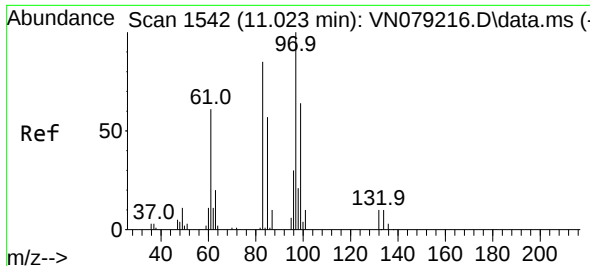
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#54
cis-1,3-Dichloropropene
Concen: 19.670 ug/l
RT: 10.317 min Scan# 1422
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

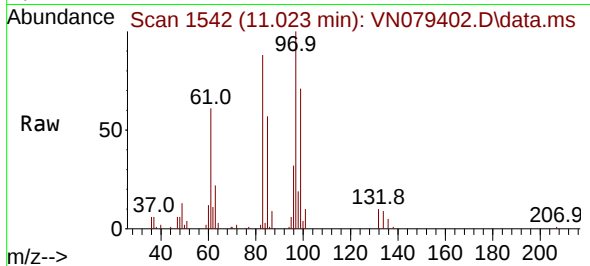
Tgt Ion: 75 Resp: 65156
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
39 55.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 21.236 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

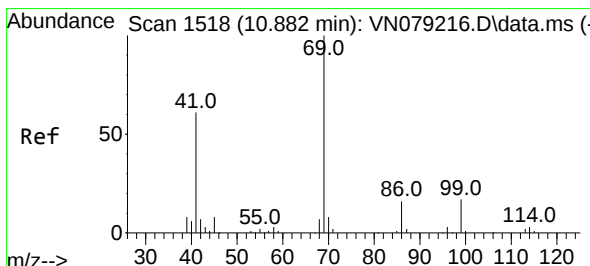
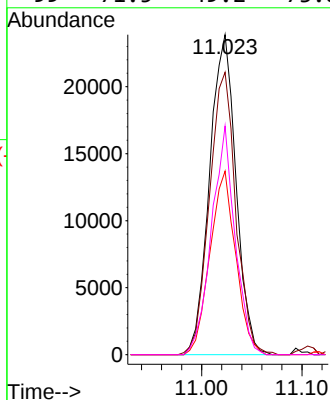
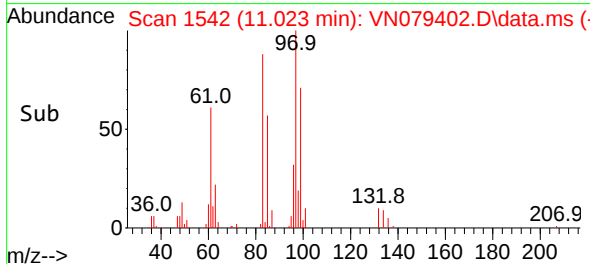
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



Tgt Ion:	97	Resp:	4358
Ion	Ratio	Lower	Upper
97	100		
83	88.2	65.1	97.7
85	57.3	43.4	65.2
99	71.5	49.2	73.8

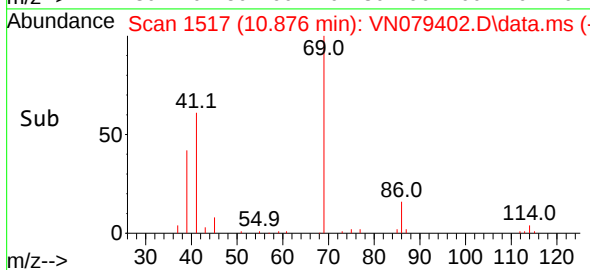
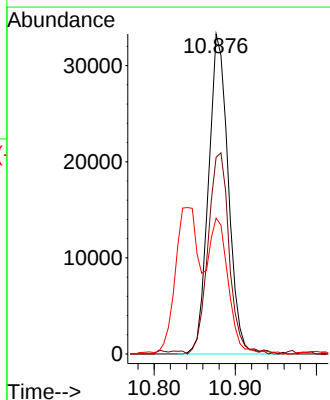
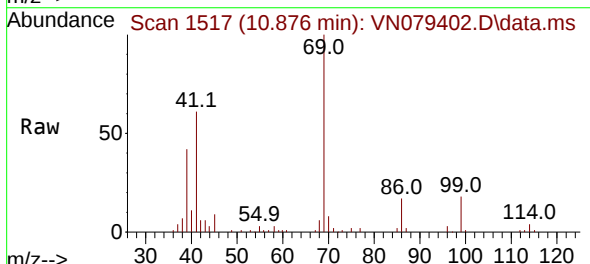
Manual Integrations
APPROVED

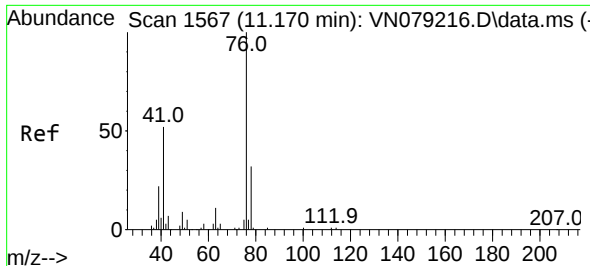
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#56
Ethyl methacrylate
Concen: 19.487 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Tgt Ion:	69	Resp:	56460
Ion	Ratio	Lower	Upper
69	100		
41	67.3	39.6	59.4#
39	42.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.617 ug/l

RT: 11.164 min Scan# 1566

Delta R.T. -0.001 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion: 76 Resp: 7315

Ion Ratio Lower Upper

76 100

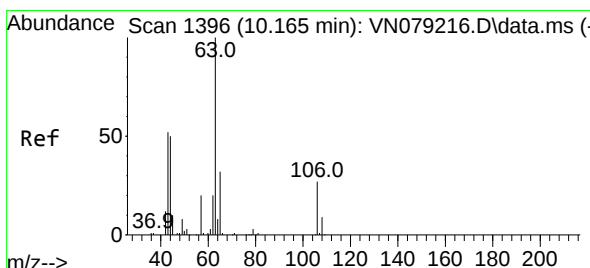
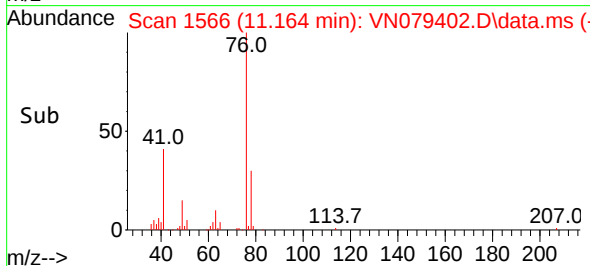
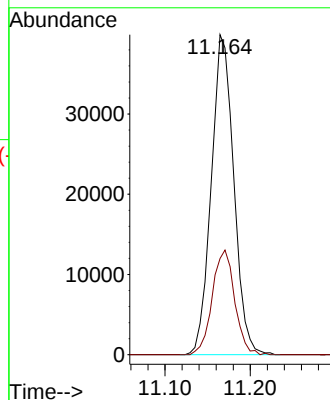
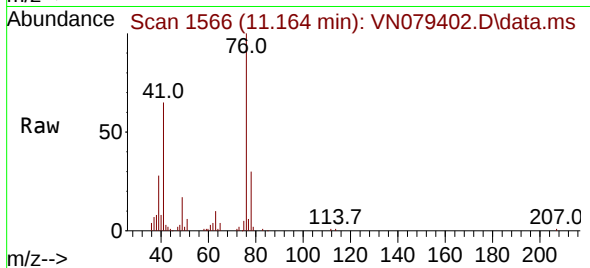
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.252 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079402.D

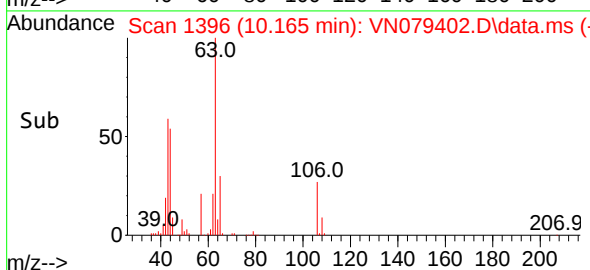
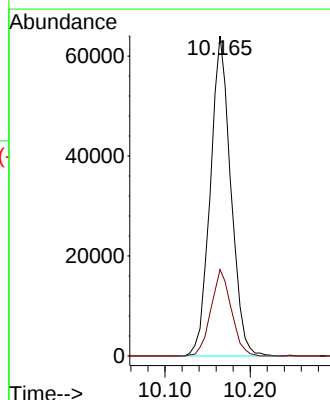
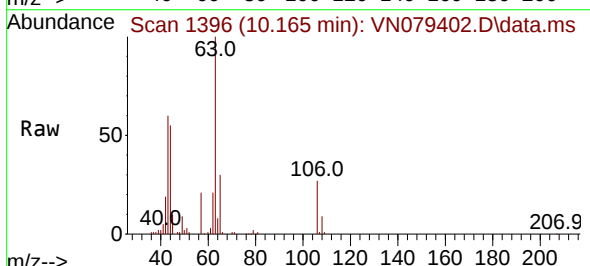
Acq: 04 Oct 2023 14:46

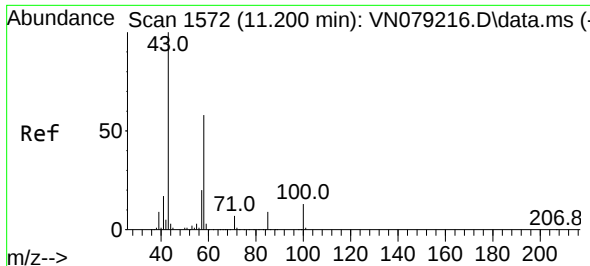
Tgt Ion: 63 Resp: 106923

Ion Ratio Lower Upper

63 100

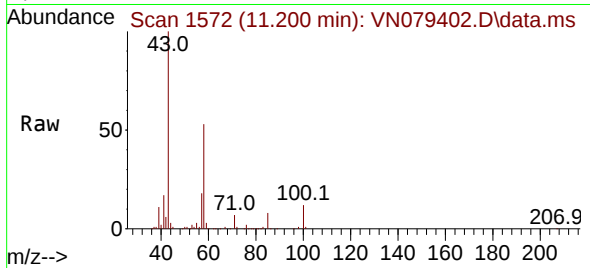
106 26.8 26.2 39.4





#59
2-Hexanone
Concen: 112.722 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

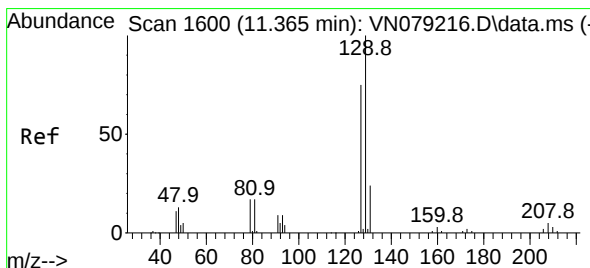
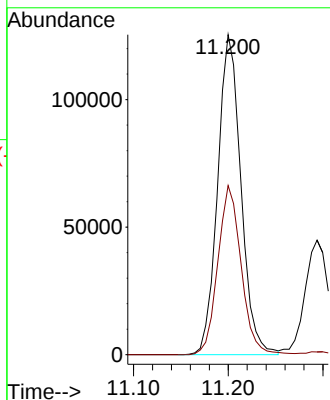
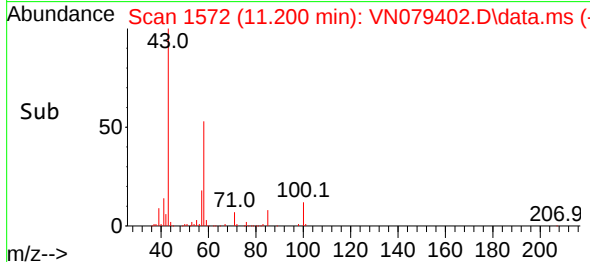
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



Tgt Ion: 43 Resp: 214460
Ion Ratio Lower Upper
43 100
58 53.0 31.7 95.1

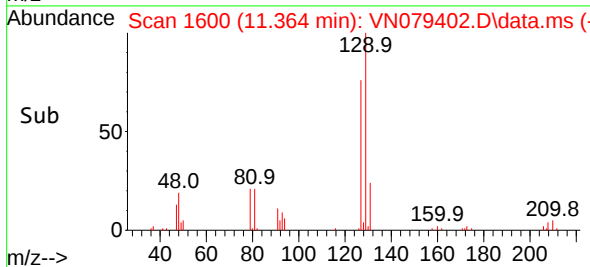
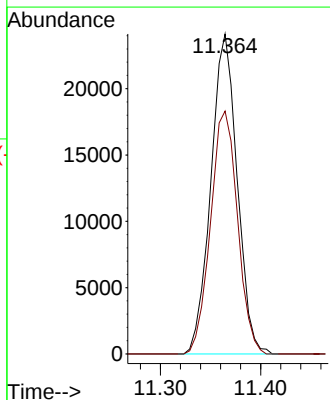
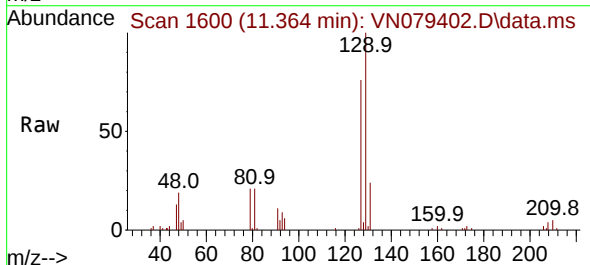
Manual Integrations
APPROVED

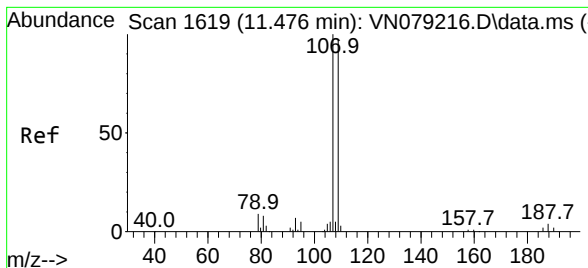
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#60
Dibromochloromethane
Concen: 20.119 ug/l
RT: 11.364 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

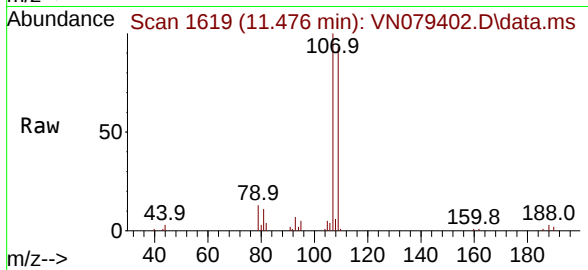
Tgt Ion:129 Resp: 43948
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.216 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

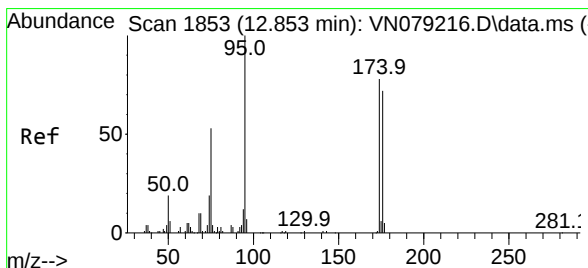
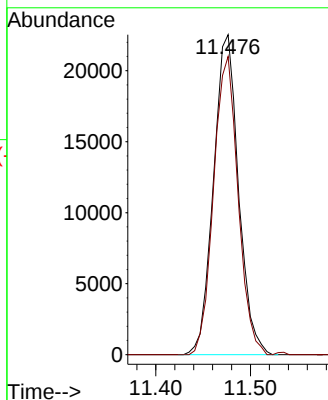
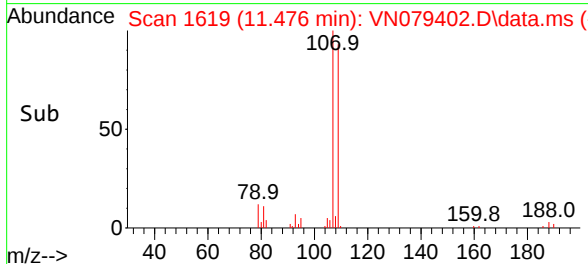
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



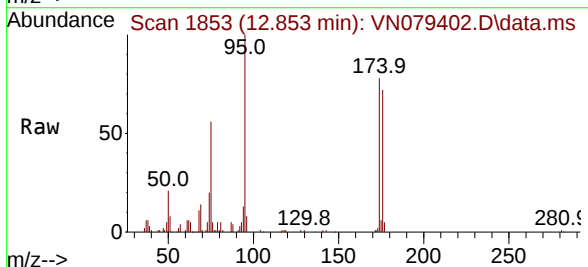
Tgt Ion:107 Resp: 41408
Ion Ratio Lower Upper
107 100
109 91.0 76.6 114.8

Manual Integrations
APPROVED

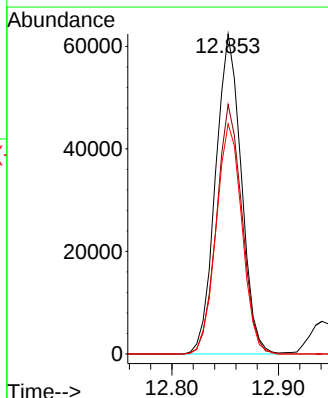
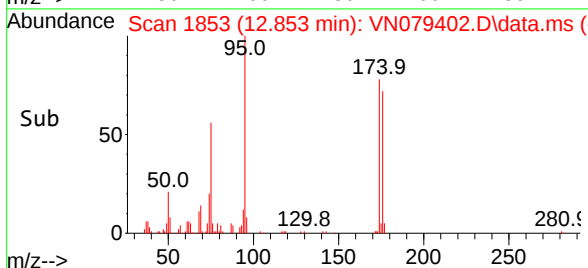
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

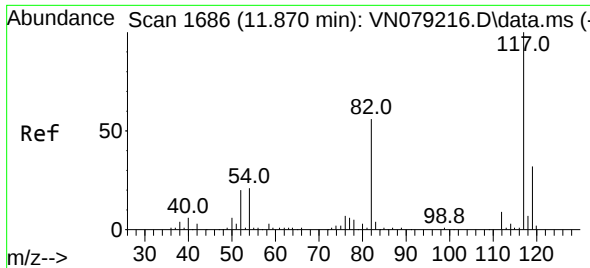


#62
4-Bromofluorobenzene
Concen: 49.409 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



Tgt Ion: 95 Resp: 104390
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 72.5 0.0 135.8





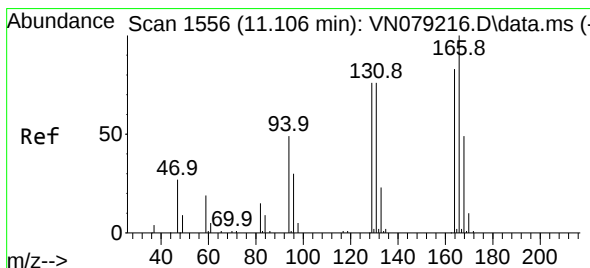
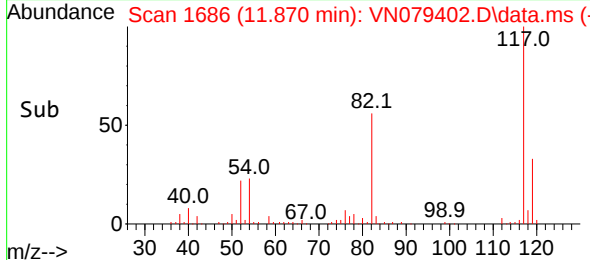
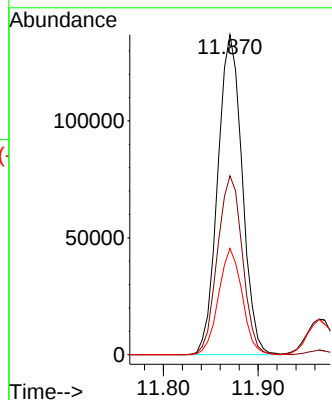
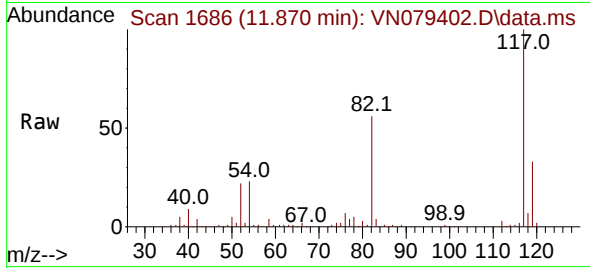
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion:117 Resp: 24565
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 33.2 25.6 38.4

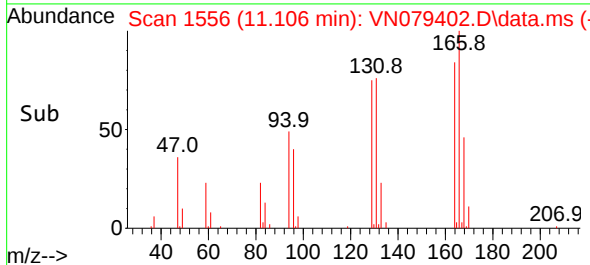
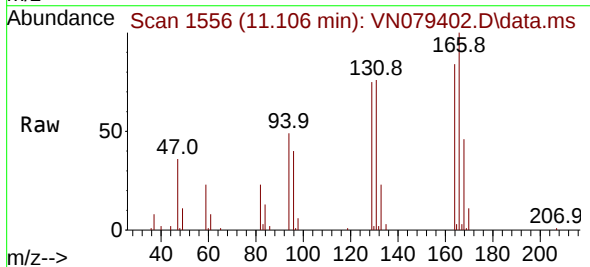
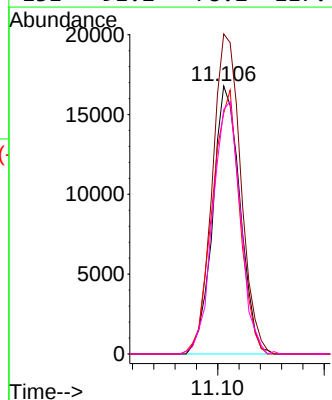
Manual Integrations
APPROVED

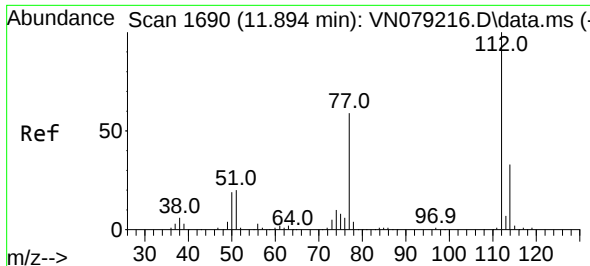
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#64
Tetrachloroethene
Concen: 16.671 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

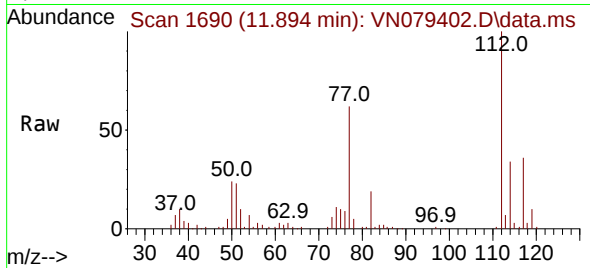
Tgt Ion:164 Resp: 29862
Ion Ratio Lower Upper
164 100
166 119.4 101.4 152.0
129 89.8 82.4 123.6
131 91.2 78.2 117.4





#65
Chlorobenzene
Concen: 18.369 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

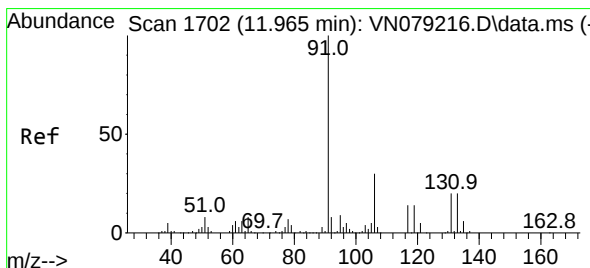
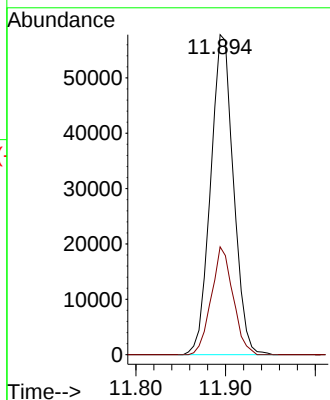
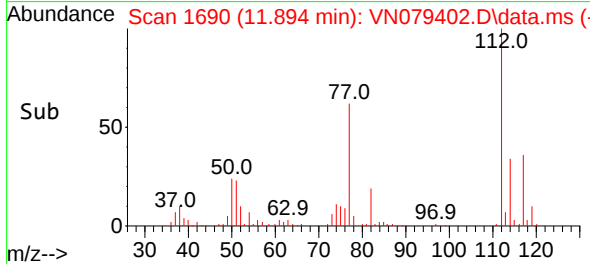
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



Tgt Ion:112 Resp: 10222
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.4

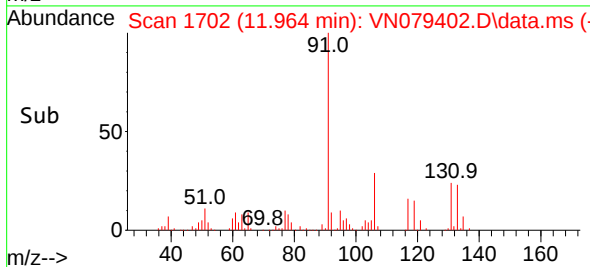
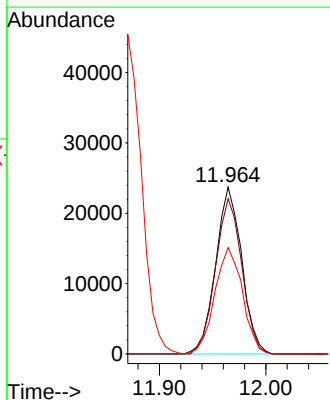
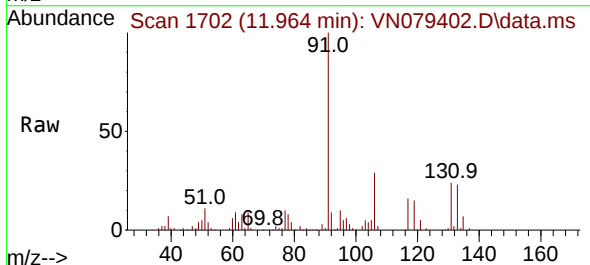
Manual Integrations
APPROVED

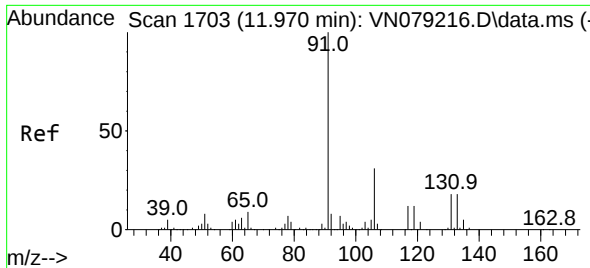
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.333 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

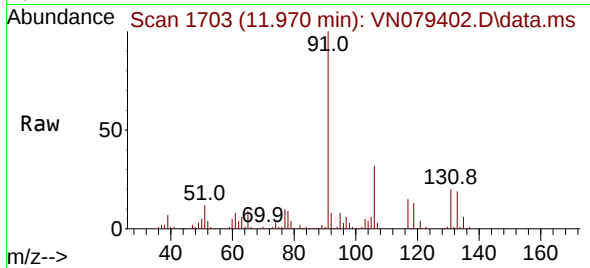
Tgt Ion:131 Resp: 40344
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 67.7 34.1 102.2





#67
Ethyl Benzene
Concen: 18.146 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

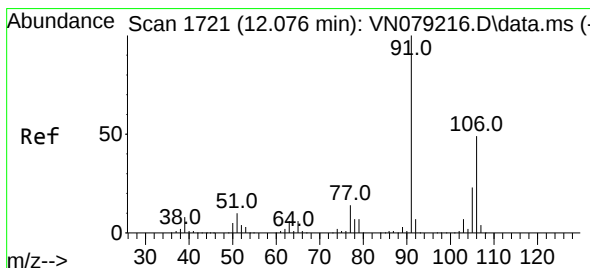
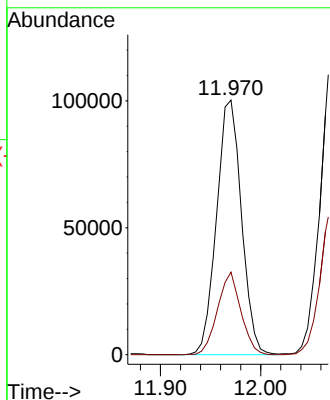
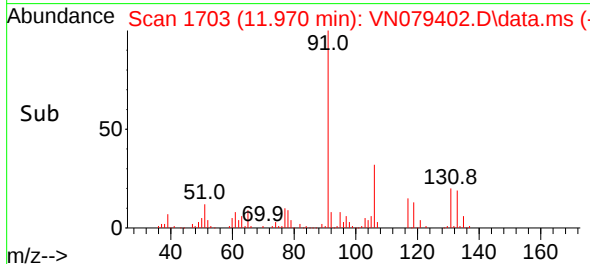
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



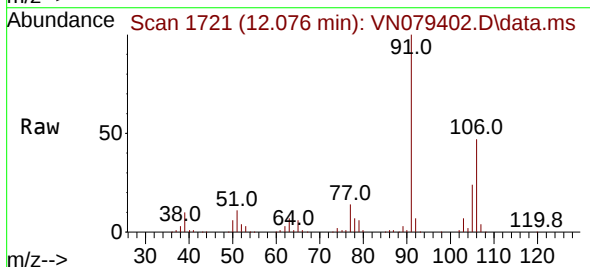
Tgt Ion: 91 Resp: 172730
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4

Manual Integrations
APPROVED

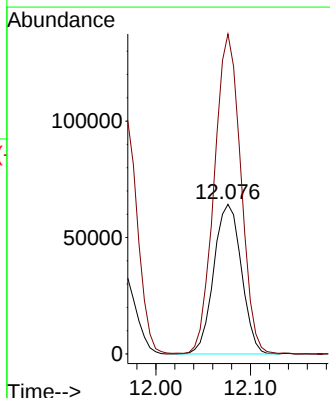
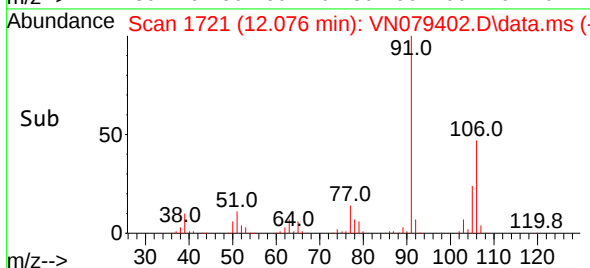
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

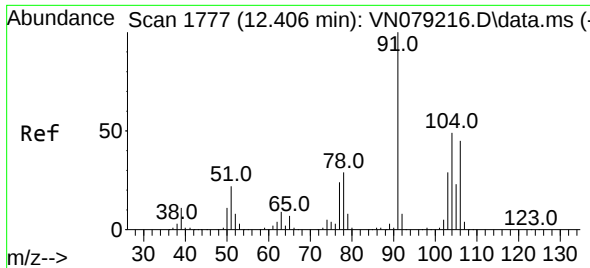


#68
m/p-Xylenes
Concen: 36.774 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



Tgt Ion:106 Resp: 130472
Ion Ratio Lower Upper
106 100
91 205.5 159.6 239.4





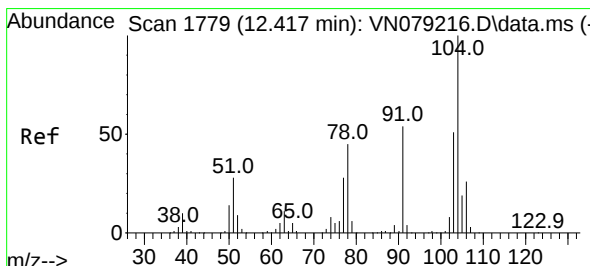
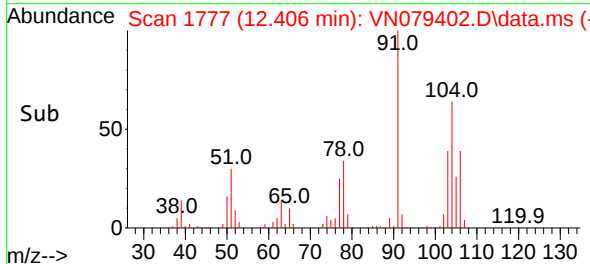
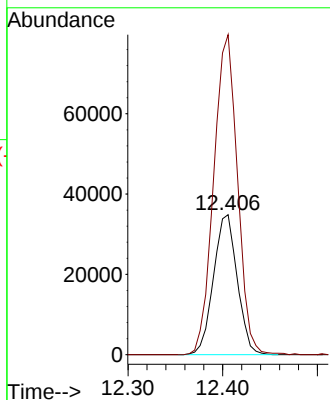
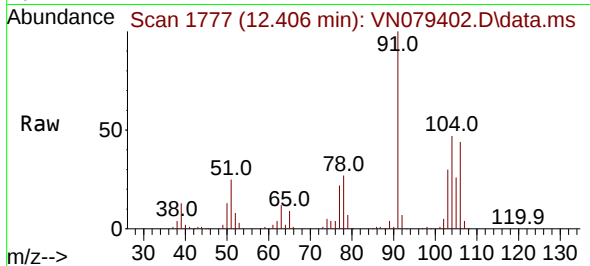
#69
o-Xylene
Concen: 17.839 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion:106 Resp: 60702
Ion Ratio Lower Upper
106 100
91 229.4 105.2 315.5

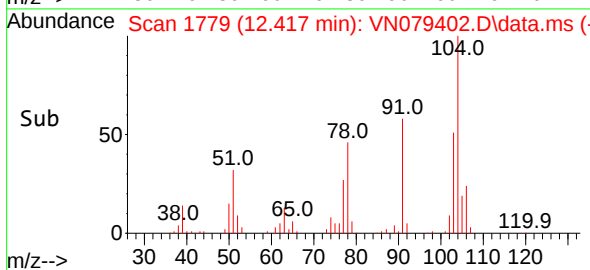
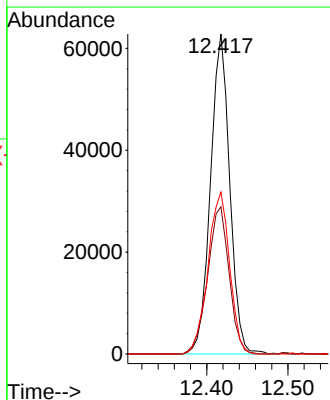
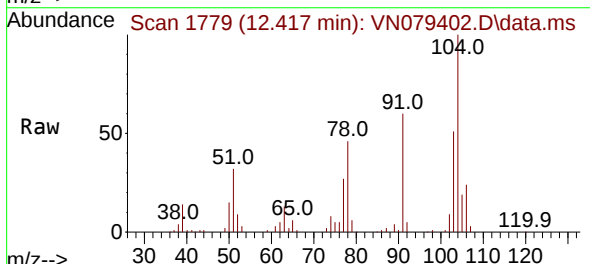
Manual Integrations
APPROVED

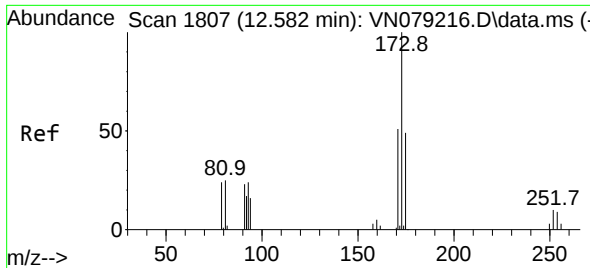
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#70
Styrene
Concen: 18.896 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

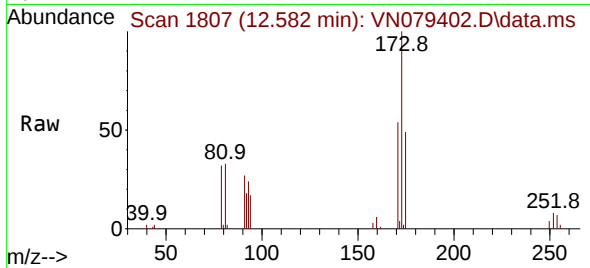
Tgt Ion:104 Resp: 103410
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 56.8 43.2 64.8





#71
Bromoform
Concen: 19.616 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

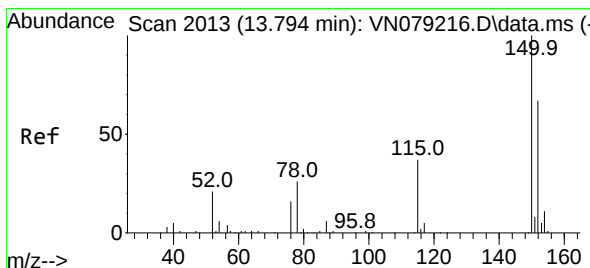
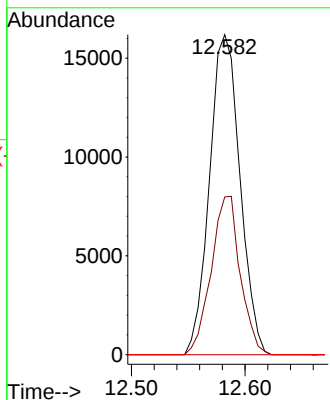
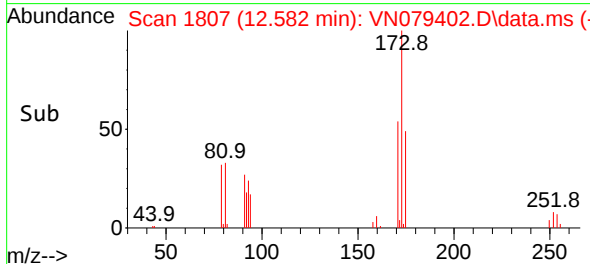
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



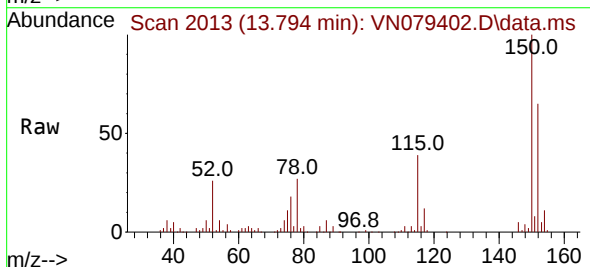
Tgt Ion:173 Resp: 30219
Ion Ratio Lower Upper
173 100
175 47.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

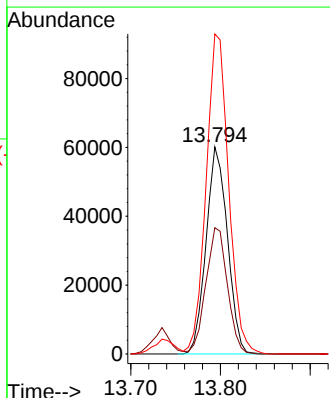
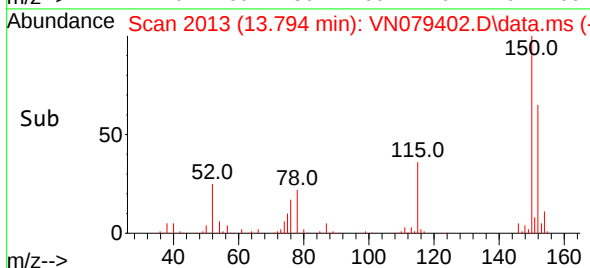
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

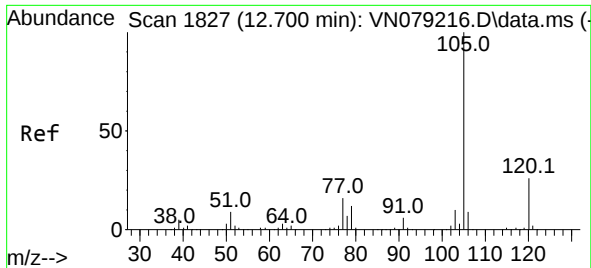


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



Tgt Ion:152 Resp: 99419
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 162.8 0.0 355.8





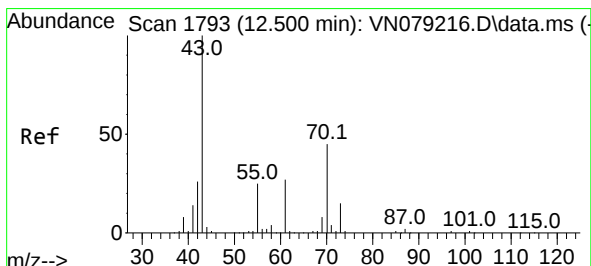
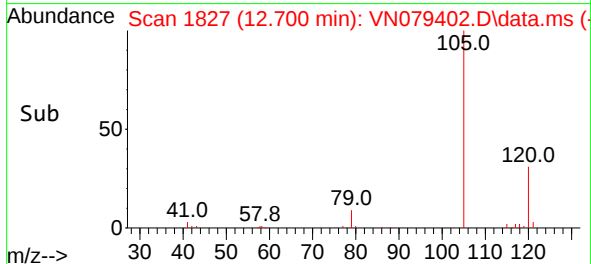
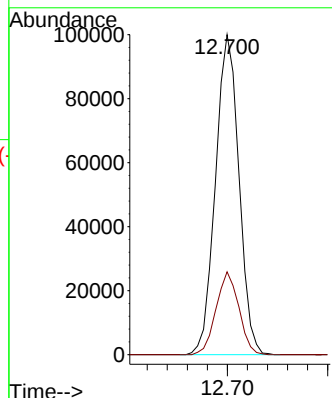
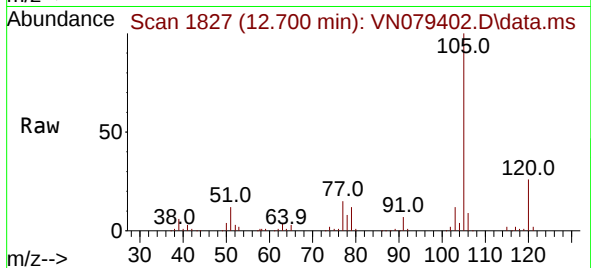
#73
Isopropylbenzene
Concen: 17.967 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion:105 Resp: 162514
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

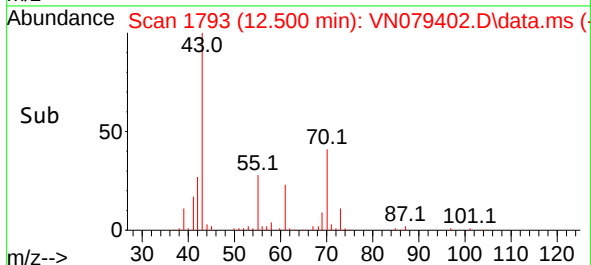
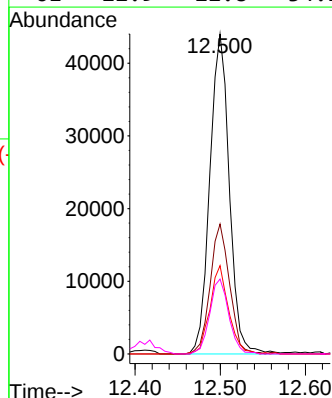
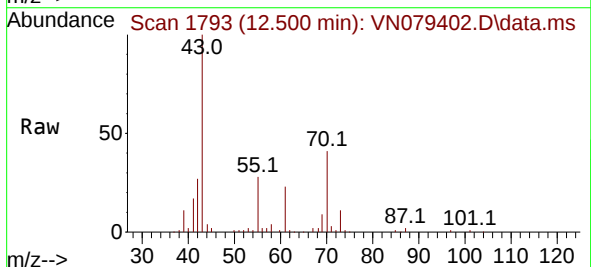
Manual Integrations
APPROVED

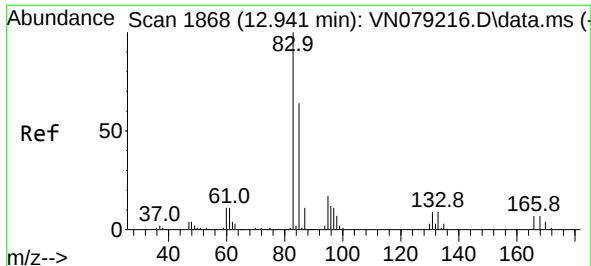
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#74
N-ethyl acetate
Concen: 20.442 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

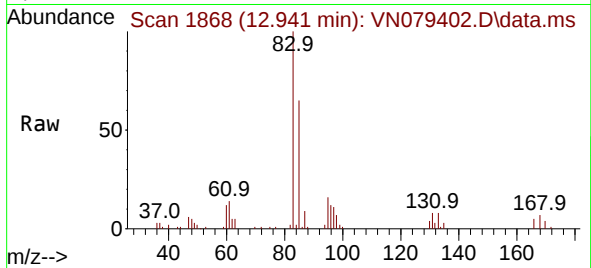
Tgt Ion: 43 Resp: 70152
Ion Ratio Lower Upper
43 100
70 40.4 43.4 65.2#
55 26.5 21.4 32.0
61 22.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.435 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

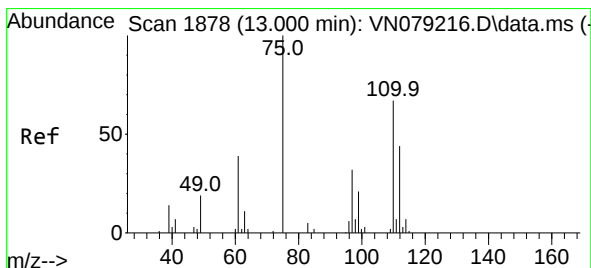
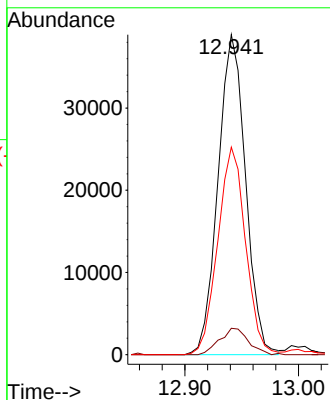
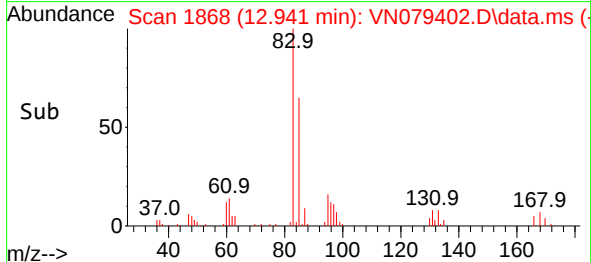
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



Tgt Ion: 83 Resp: 6546
Ion Ratio Lower Upper
83 100
131 8.6 5.0 15.0
85 65.5 31.9 95.7

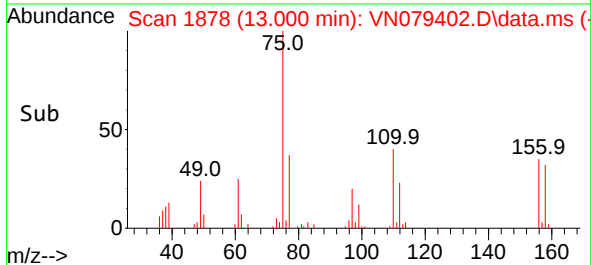
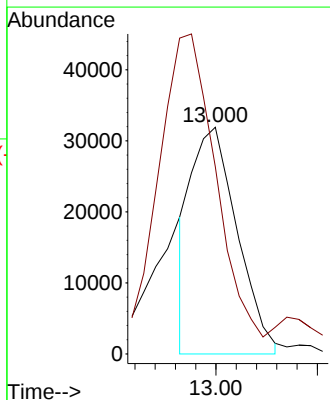
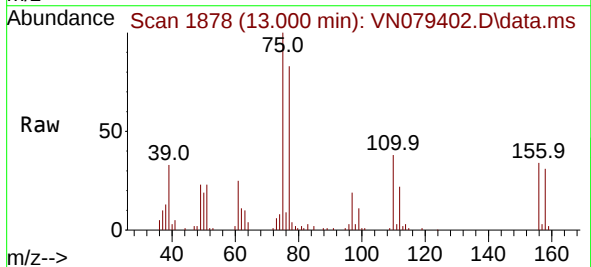
Manual Integrations
APPROVED

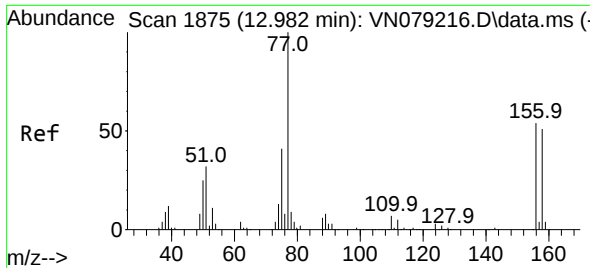
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#76
1,2,3-Trichloropropane
Concen: 18.798 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

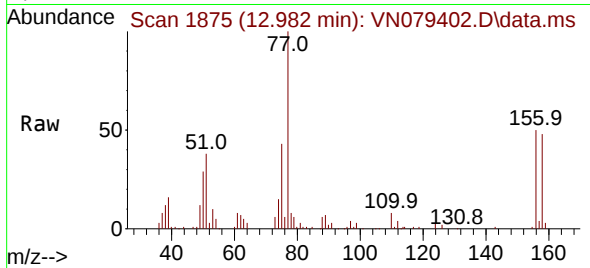
Tgt Ion: 75 Resp: 50370
Ion Ratio Lower Upper
75 100
77 181.3 84.5 253.5





#77
Bromobenzene
Concen: 17.398 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

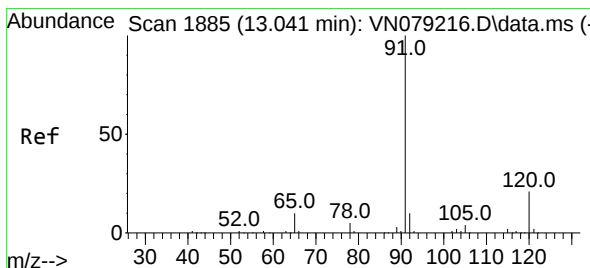
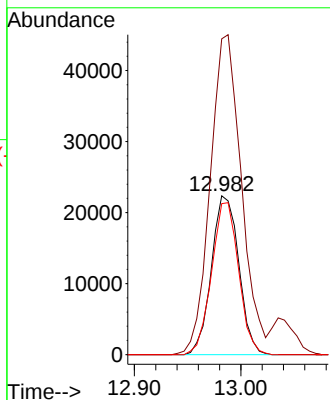
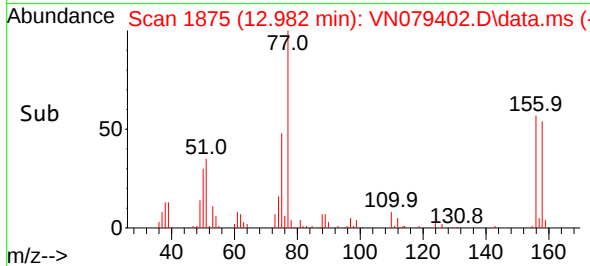
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



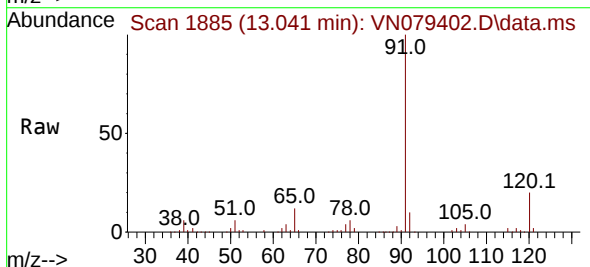
Tgt Ion:156 Resp: 39849
Ion Ratio Lower Upper
156 100
77 229.2 107.7 323.3
158 94.7 48.4 145.3

Manual Integrations
APPROVED

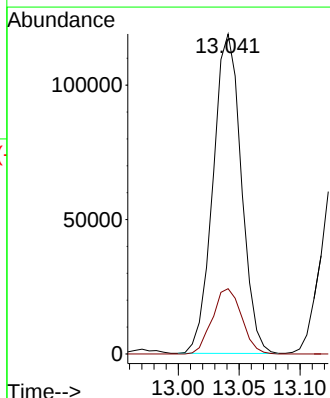
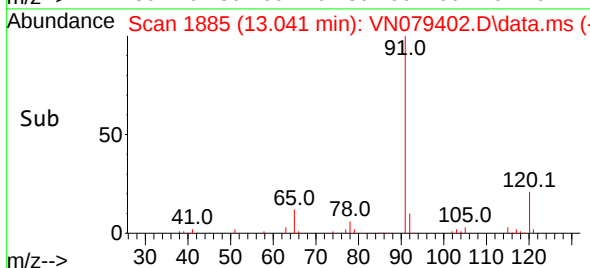
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

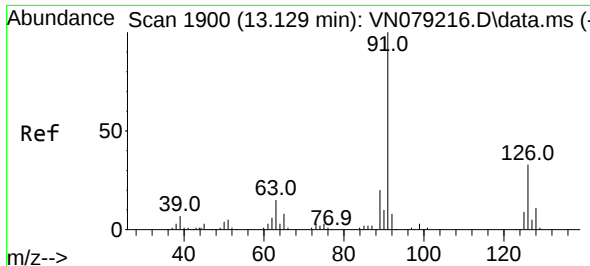


#78
n-propylbenzene
Concen: 18.881 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



Tgt Ion: 91 Resp: 191849
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4





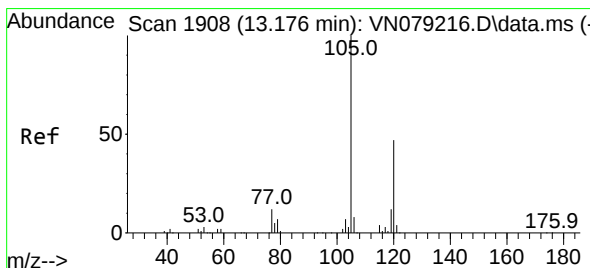
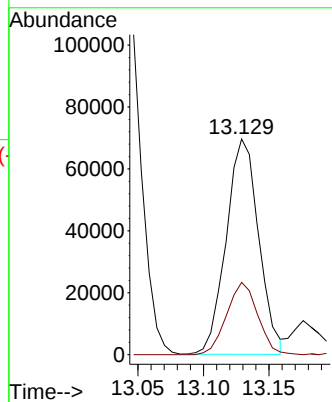
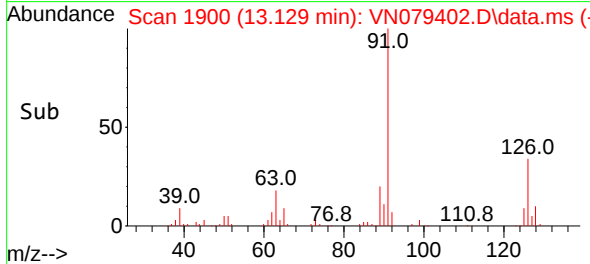
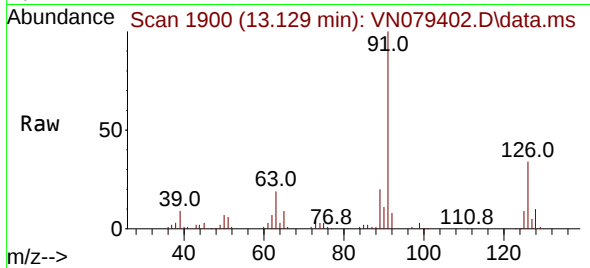
#79
2-Chlorotoluene
Concen: 18.048 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01

Tgt Ion: 91 Resp: 11994
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

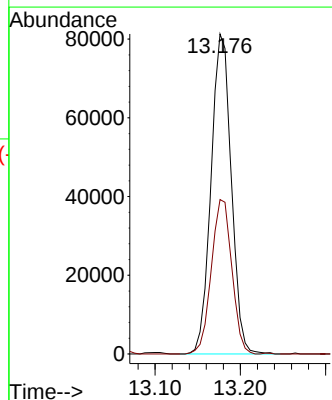
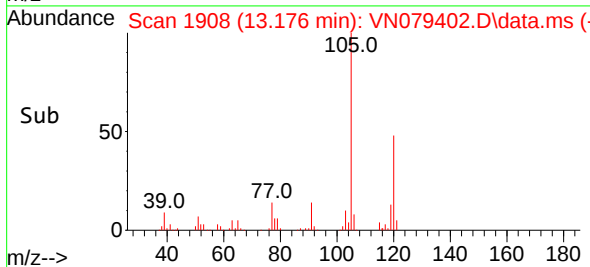
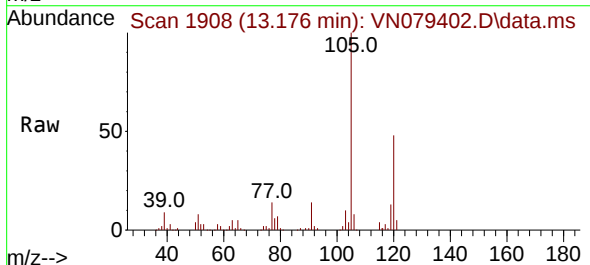
Manual Integrations
APPROVED

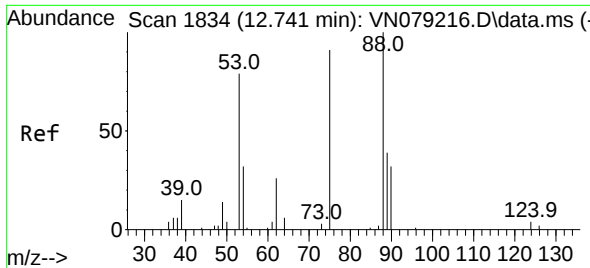
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.778 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

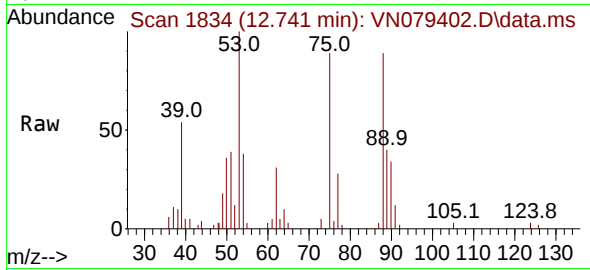
Tgt Ion:105 Resp: 133991
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.162 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

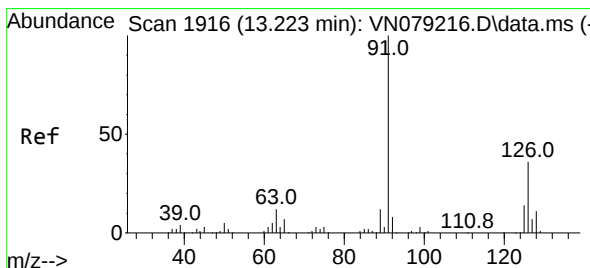
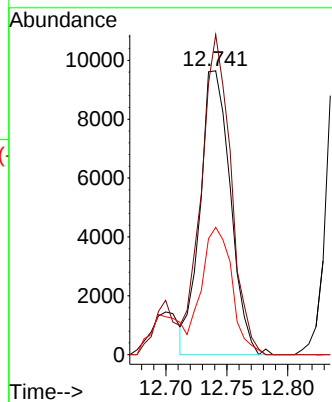
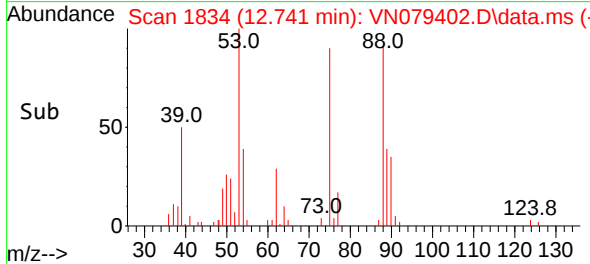
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



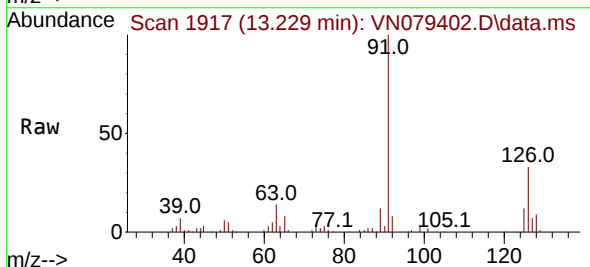
Tgt Ion: 75 Resp: 1672
Ion Ratio Lower Upper
75 100
53 109.5 67.4 101.2
89 44.6 38.8 58.2

Manual Integrations
APPROVED

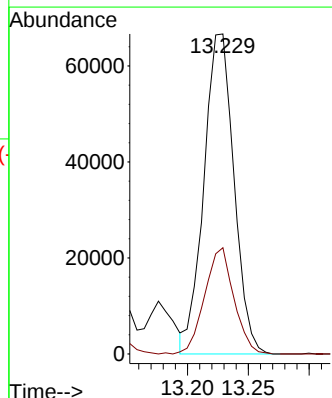
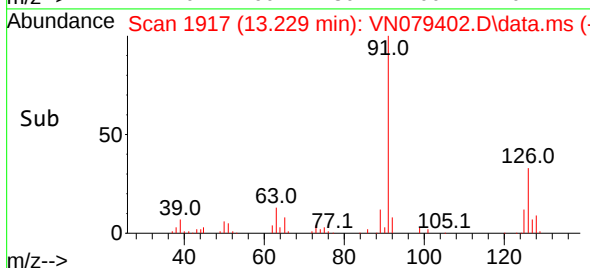
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

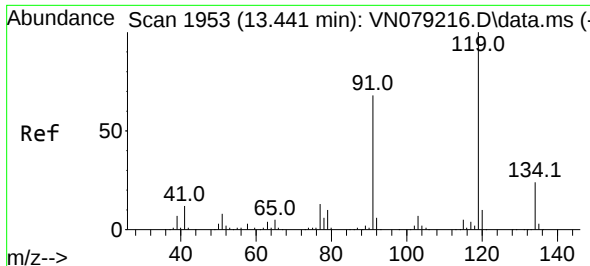


#82
4-Chlorotoluene
Concen: 18.402 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



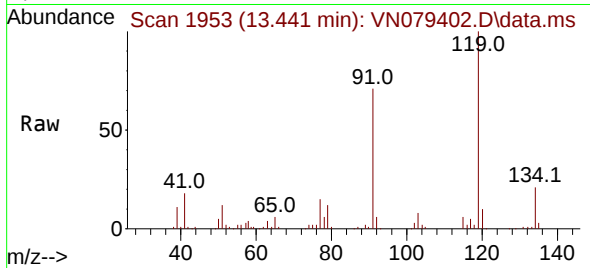
Tgt Ion: 91 Resp: 114913
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.880 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

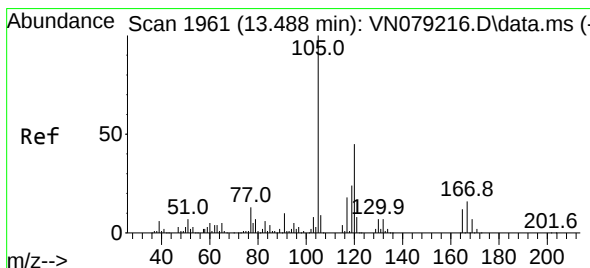
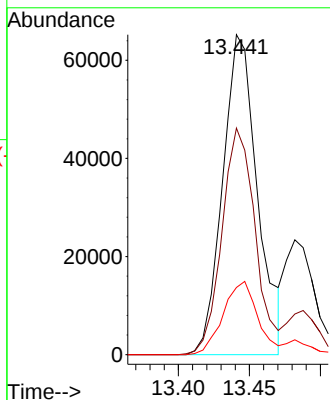
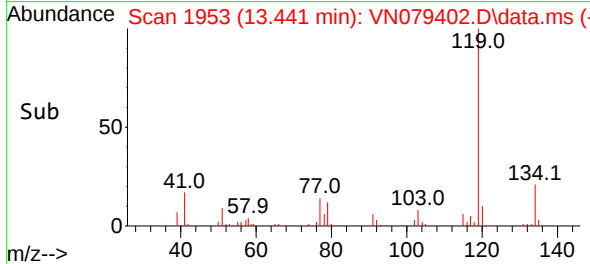
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



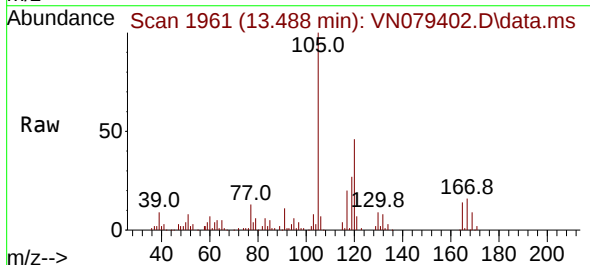
Tgt Ion:119 Resp: 11148
Ion Ratio Lower Upper
119 100
91 67.7 33.9 101.7
134 22.7 13.2 39.6

Manual Integrations
APPROVED

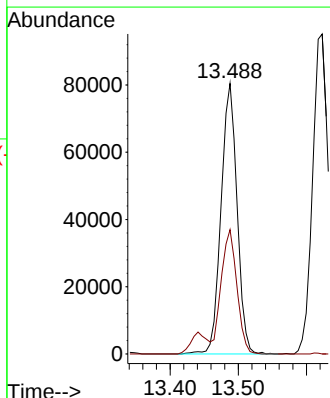
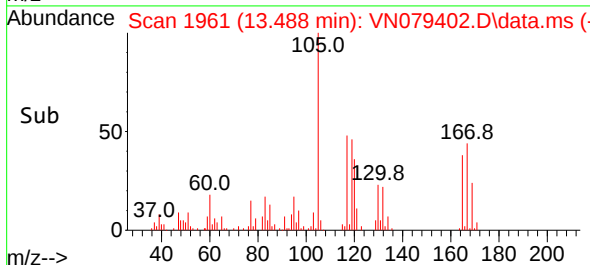
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

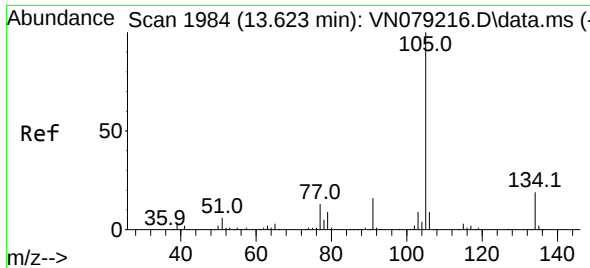


#84
1,2,4-Trimethylbenzene
Concen: 18.321 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



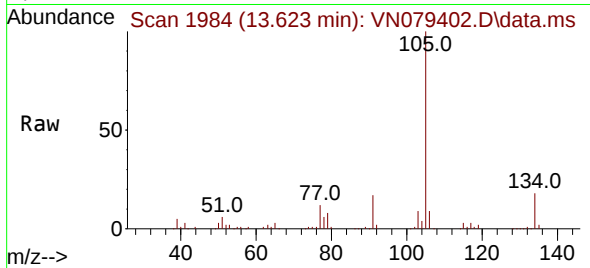
Tgt Ion:105 Resp: 131508
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.015 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079402.D
 Acq: 04 Oct 2023 14:46

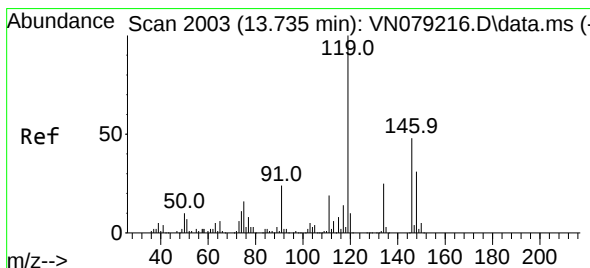
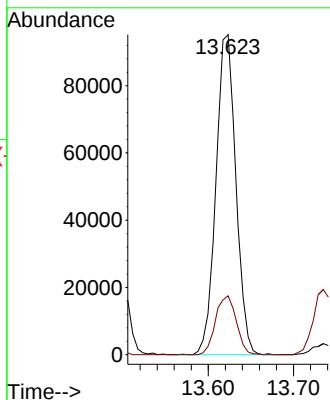
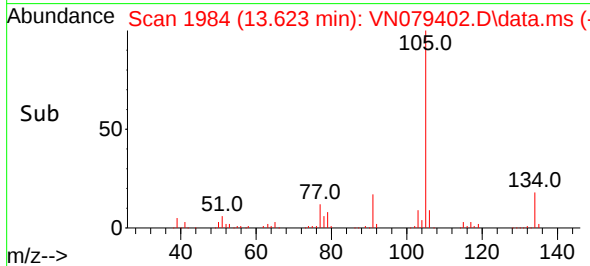
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1004WBSD01



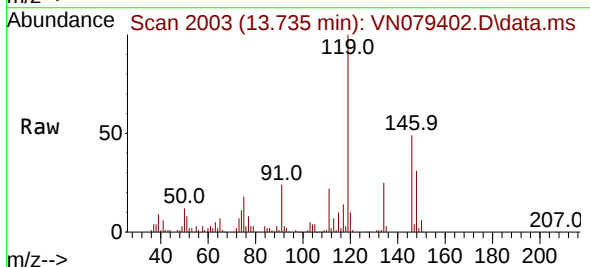
Tgt Ion:105 Resp: 154640
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

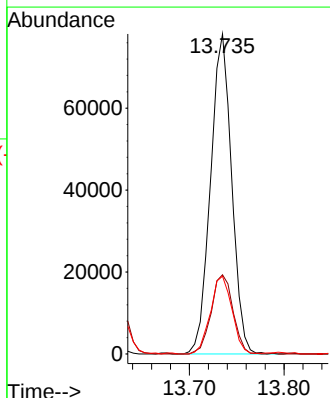
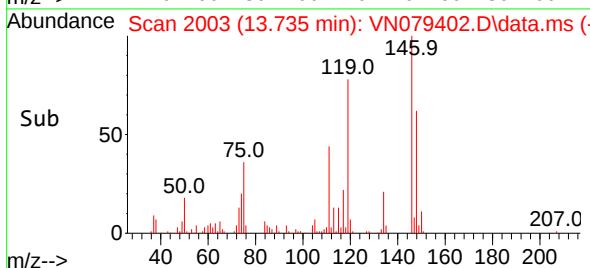
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

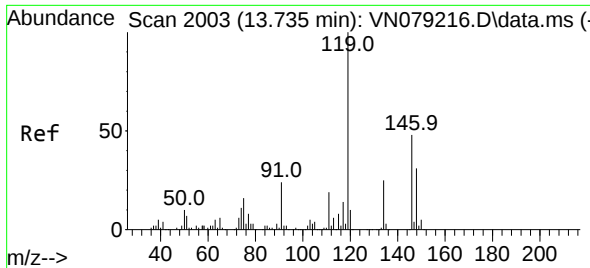


#86
 p-Isopropyltoluene
 Concen: 17.661 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079402.D
 Acq: 04 Oct 2023 14:46



Tgt Ion:119 Resp: 121115
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.9 12.4 37.2





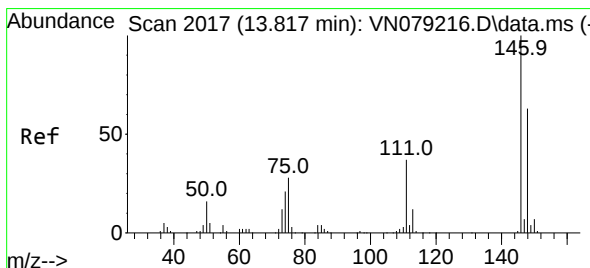
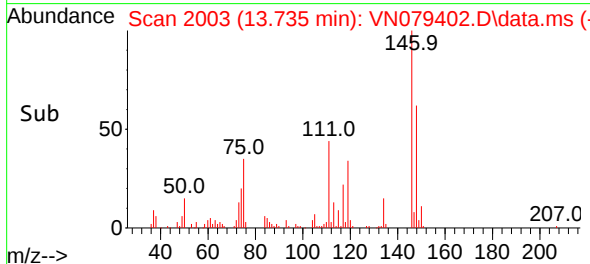
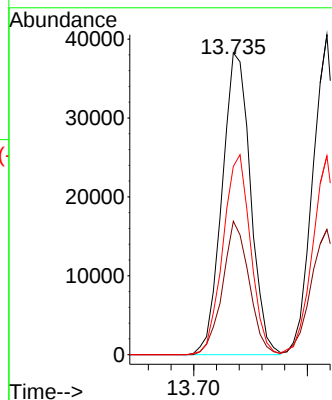
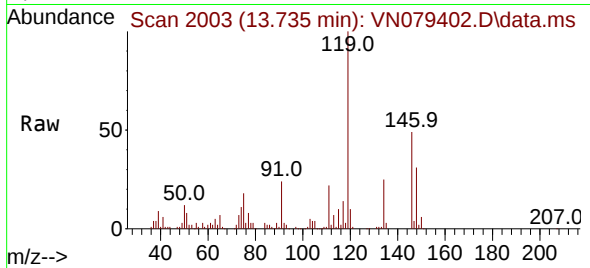
#87
 1,3-Dichlorobenzene
 Concen: 17.685 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN079402.D
 Acq: 04 Oct 2023 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1004WBSD01

Tgt Ion:146 Resp: 66435
 Ion Ratio Lower Upper
 146 100
 111 41.2 22.1 66.3
 148 64.3 32.0 96.0

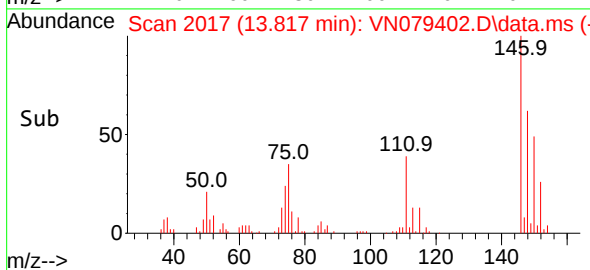
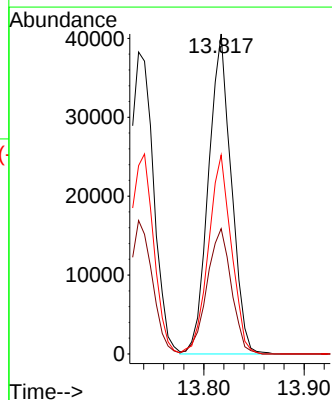
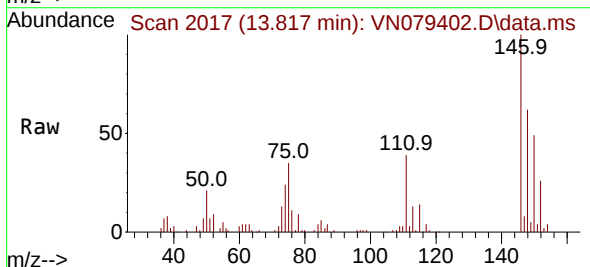
Manual Integrations
 APPROVED

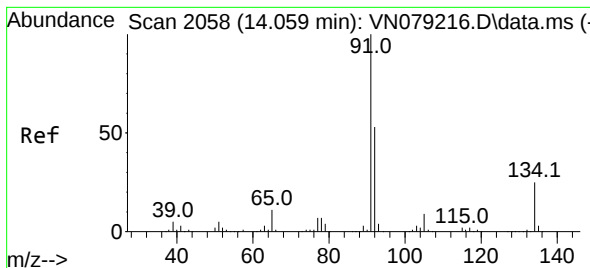
Reviewed By :John Carlone 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#88
 1,4-Dichlorobenzene
 Concen: 16.879 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN079402.D
 Acq: 04 Oct 2023 14:46

Tgt Ion:146 Resp: 64072
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.8
 148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 17.377 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.005 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

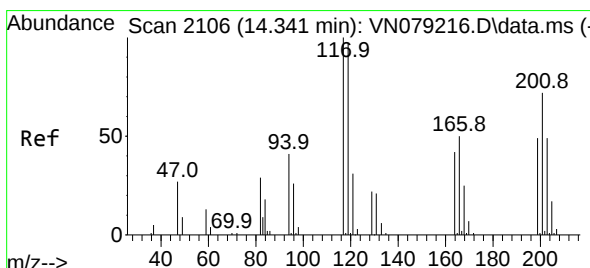
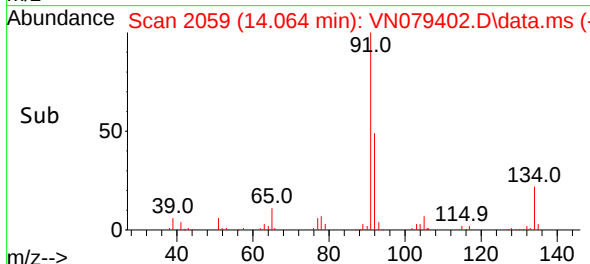
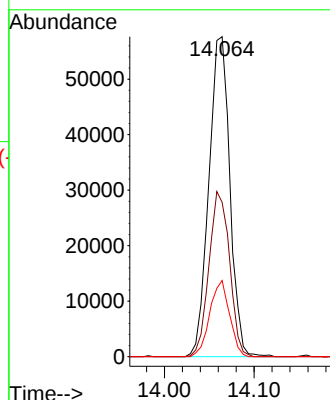
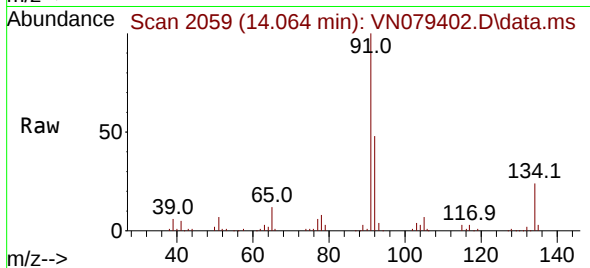
Tgt Ion: 91	Resp: 9371
Ion Ratio	Lower Upper
91 100	
92 50.6	26.4 79.0
134 22.4	12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#90

Hexachloroethane

Concen: 18.525 ug/l

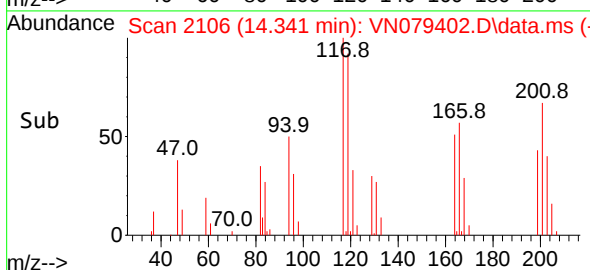
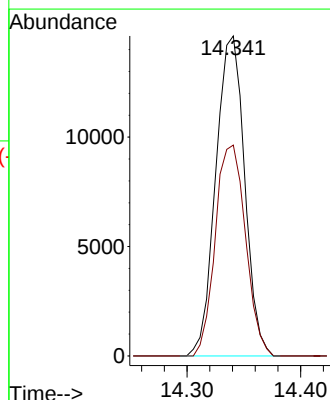
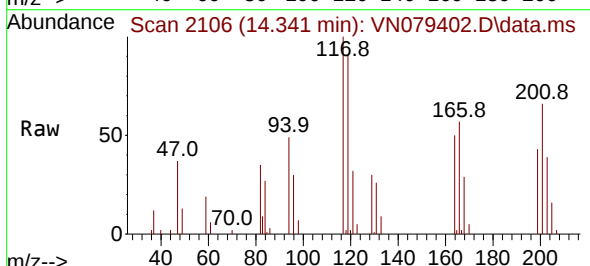
RT: 14.341 min Scan# 2106

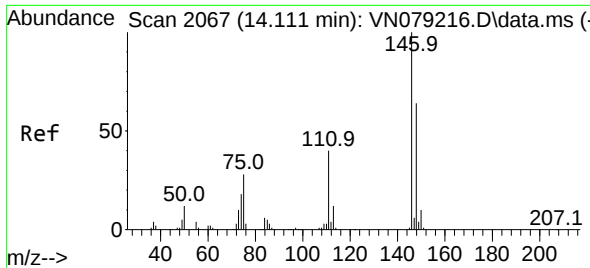
Delta R.T. 0.006 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Tgt Ion: 117	Resp: 25799
Ion Ratio	Lower Upper
117 100	
201 69.0	29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.763 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1004WBSD01

Tgt Ion:146 Resp: 65874

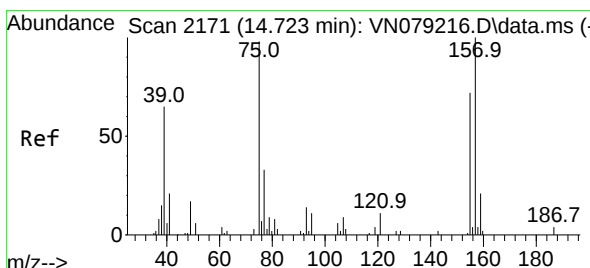
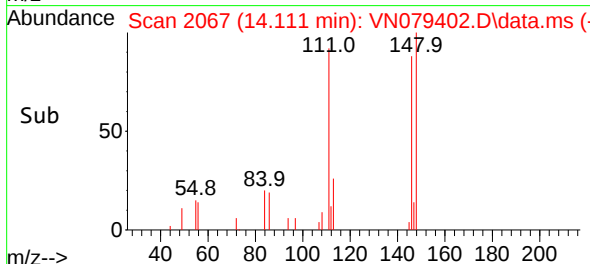
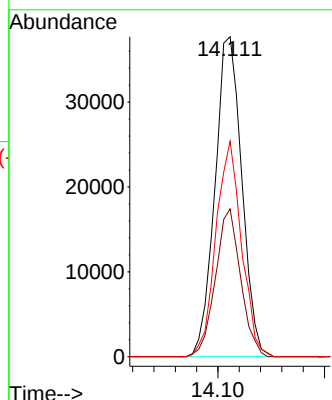
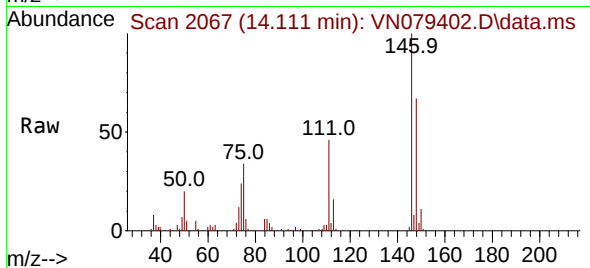
Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.0	66.0
148	64.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.421 ug/l

RT: 14.723 min Scan# 2171

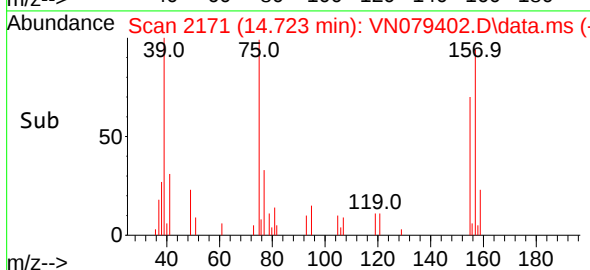
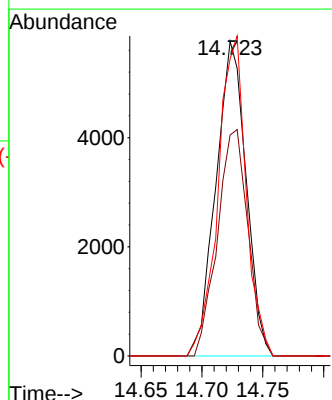
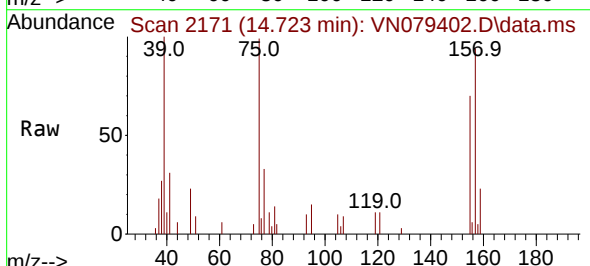
Delta R.T. 0.000 min

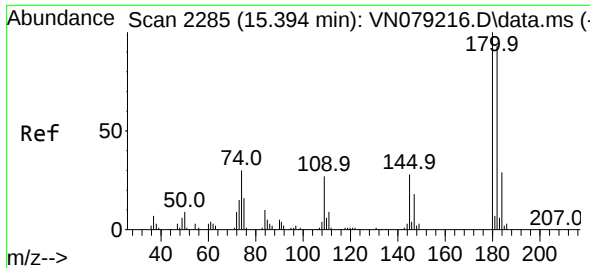
Lab File: VN079402.D

Acq: 04 Oct 2023 14:46

Tgt Ion: 75 Resp: 9944

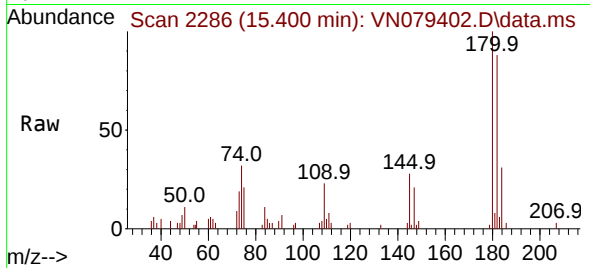
Ion	Ratio	Lower	Upper
75	100		
155	72.5	39.1	117.2
157	94.2	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 12.635 ug/l
RT: 15.400 min Scan# 2180
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

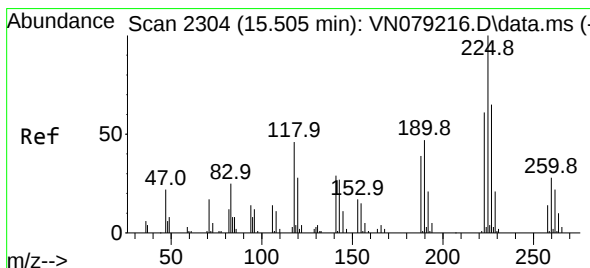
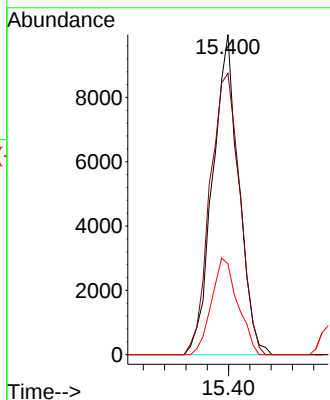
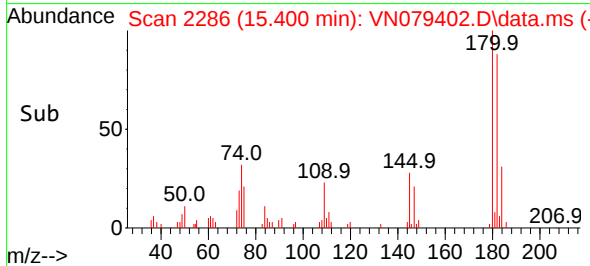
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



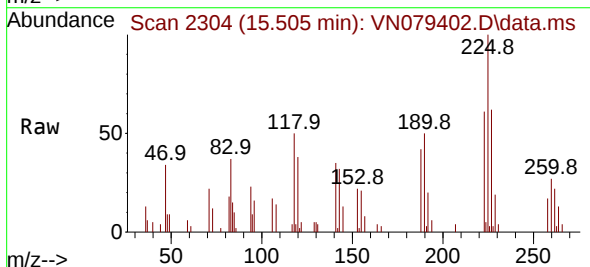
Tgt Ion:180 Resp: 16839
Ion Ratio Lower Upper
180 100
182 100.6 46.1 138.2
145 30.5 16.6 49.8

Manual Integrations
APPROVED

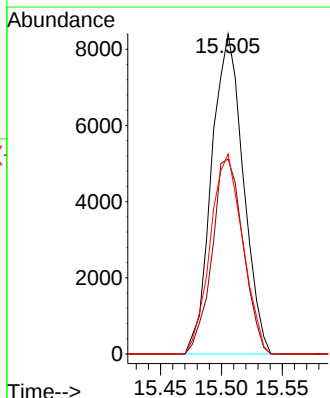
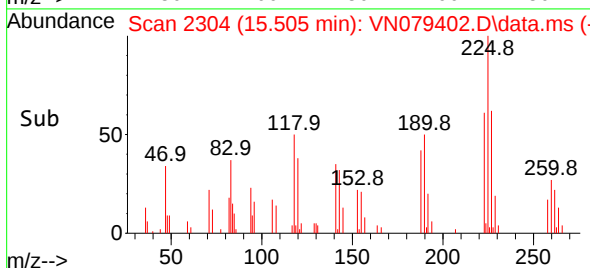
Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

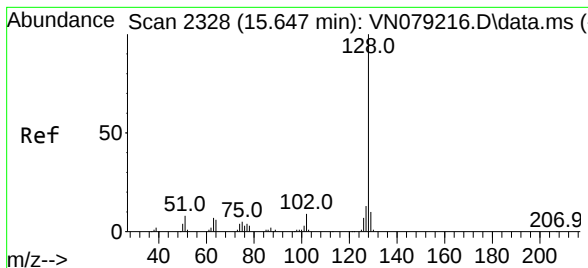


#94
Hexachlorobutadiene
Concen: 14.473 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



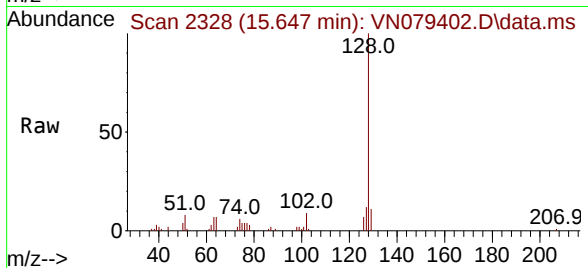
Tgt Ion:225 Resp: 15173
Ion Ratio Lower Upper
225 100
223 60.1 31.3 93.8
227 64.1 31.9 95.9





#95
Naphthalene
Concen: 11.365 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46

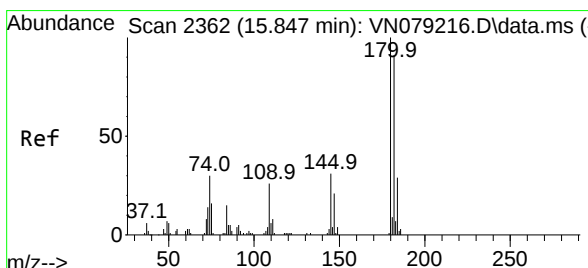
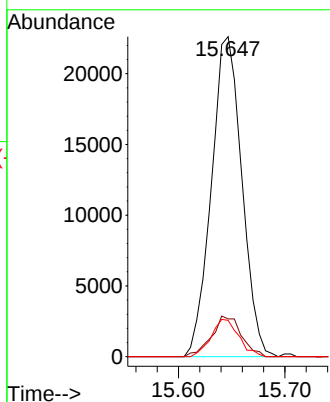
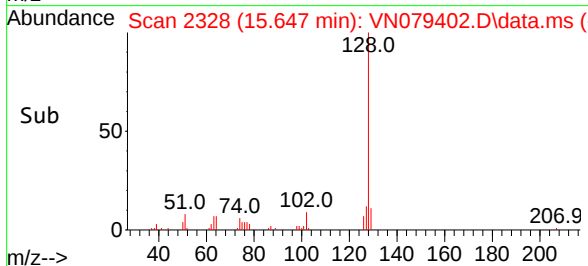
Instrument :
MSVOA_N
ClientSampleId :
VN1004WBSD01



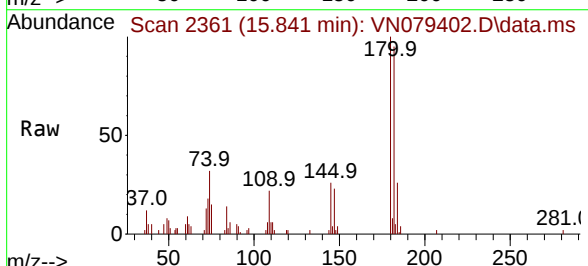
Tgt Ion:128 Resp: 44980
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#96
1,2,3-Trichlorobenzene
Concen: 13.107 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079402.D
Acq: 04 Oct 2023 14:46



Tgt Ion:180 Resp: 20605
Ion Ratio Lower Upper
180 100
182 96.7 46.2 138.6
145 32.4 17.5 52.6

