

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079906.D
 Acq On : 04 Nov 2023 20:28
 Operator : JC\MD
 Sample : VN1104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:19:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	253862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	451933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	409708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232551	60.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.260%			
35) Dibromofluoromethane	8.171	113	177098	55.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.740%			
50) Toluene-d8	10.571	98	622717	52.884	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.853	95	205895	52.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60149	19.670	ug/l	97
3) Chloromethane	2.359	50	77843	19.605	ug/l	97
4) Vinyl Chloride	2.512	62	85976	21.480	ug/l	96
5) Bromomethane	2.954	94	50955	20.952	ug/l	99
6) Chloroethane	3.124	64	61625	19.485	ug/l	96
7) Trichlorofluoromethane	3.501	101	94452	18.972	ug/l	95
8) Diethyl Ether	3.965	74	37298	19.743	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	53880	18.669	ug/l	100
10) Methyl Iodide	4.595	142	60140	18.248	ug/l	95
11) Tert butyl alcohol	5.524	59	43254	87.608	ug/l	98
12) 1,1-Dichloroethene	4.348	96	50653	18.537	ug/l #	82
13) Acrolein	4.189	56	34847	80.319	ug/l	97
14) Allyl chloride	5.030	41	80609	19.260	ug/l #	88
15) Acrylonitrile	5.718	53	168818	109.721	ug/l	99
16) Acetone	4.430	43	139613	102.766	ug/l	93
17) Carbon Disulfide	4.712	76	144961	18.391	ug/l	98
18) Methyl Acetate	5.024	43	144188	22.184	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	192067	20.416	ug/l	94
20) Methylene Chloride	5.277	84	72507	21.151	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	58644	19.243	ug/l #	74
22) Diisopropyl ether	6.677	45	220541	22.739	ug/l #	92
23) Vinyl Acetate	6.606	43	523261	97.807	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	129763	22.012	ug/l	98
25) 2-Butanone	7.489	43	215248	108.197	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	86011	17.642	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	73036	20.035	ug/l	87
28) Bromochloromethane	7.818	49	73591	25.616	ug/l #	74
29) Tetrahydrofuran	7.847	42	141841	109.586	ug/l #	74
30) Chloroform	7.971	83	140446	21.933	ug/l	96
31) Cyclohexane	8.259	56	93820	18.357	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	108632	20.821	ug/l	95
36) 1,1-Dichloropropene	8.377	75	87141	19.080	ug/l	95
37) Ethyl Acetate	7.565	43	89739	21.425	ug/l #	91
38) Carbon Tetrachloride	8.365	117	90234	19.604	ug/l	99
39) Methylcyclohexane	9.606	83	70458	16.393	ug/l #	85
40) Benzene	8.612	78	279084	20.402	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079906.D
 Acq On : 04 Nov 2023 20:28
 Operator : JC\MD
 Sample : VN1104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:19:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	50821	22.849	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	107754	22.551	ug/l	98
43) Isopropyl Acetate	8.694	43	147516	20.083	ug/l #	91
44) Trichloroethene	9.353	130	65227	19.216	ug/l	99
45) 1,2-Dichloropropane	9.624	63	75681	21.649	ug/l	97
46) Dibromomethane	9.712	93	50797	21.281	ug/l	96
47) Bromodichloromethane	9.894	83	106019	20.826	ug/l	95
48) Methyl methacrylate	9.682	41	70216	21.824	ug/l #	78
49) 1,4-Dioxane	9.694	88	23113	406.554	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	467097	112.950	ug/l	89
52) Toluene	10.635	92	164617	20.299	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	96898	19.417	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	108476	19.942	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	69888	21.426	ug/l	94
56) Ethyl methacrylate	10.877	69	93101	20.011	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	123885	21.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	229907	97.497	ug/l #	88
59) 2-Hexanone	11.200	43	333543	105.432	ug/l	85
60) Dibromochloromethane	11.359	129	74824	21.431	ug/l	100
61) 1,2-Dibromoethane	11.476	107	67372	20.579	ug/l	97
64) Tetrachloroethene	11.106	164	59927	22.584	ug/l	97
65) Chlorobenzene	11.894	112	169881	19.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	66457	20.755	ug/l	96
67) Ethyl Benzene	11.965	91	287177	18.547	ug/l	96
68) m/p-Xylenes	12.071	106	217381	37.687	ug/l	94
69) o-Xylene	12.400	106	101404	18.257	ug/l	88
70) Styrene	12.412	104	178512	19.998	ug/l	99
71) Bromoform	12.582	173	47650	20.957	ug/l #	97
73) Isopropylbenzene	12.700	105	253800	18.142	ug/l	99
74) N-amyl acetate	12.500	43	109200	17.883	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	98703	19.899	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93449m	21.594	ug/l	
77) Bromobenzene	12.982	156	68091	19.880	ug/l	94
78) n-propylbenzene	13.041	91	300423	18.752	ug/l	96
79) 2-Chlorotoluene	13.129	91	195561	19.108	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	211992	19.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25124	15.795	ug/l #	80
82) 4-Chlorotoluene	13.223	91	193405	19.017	ug/l	99
83) tert-Butylbenzene	13.441	119	164792	18.496	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	212710	19.863	ug/l	99
85) sec-Butylbenzene	13.618	105	236937	19.195	ug/l	100
86) p-Isopropyltoluene	13.735	119	184857	18.368	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	117980	18.517	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	118714	18.356	ug/l	99
89) n-Butylbenzene	14.059	91	151734	17.505	ug/l	97
90) Hexachloroethane	14.335	117	38203	19.168	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	118867	19.762	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17726	21.073	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	49126	17.177	ug/l	97
94) Hexachlorobutadiene	15.500	225	23646	18.238	ug/l	95
95) Naphthalene	15.647	128	146860	15.142	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	50498	18.013	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
Data File : VN079906.D
Acq On : 04 Nov 2023 20:28
Operator : JC\MD
Sample : VN1104MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 06 02:19:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

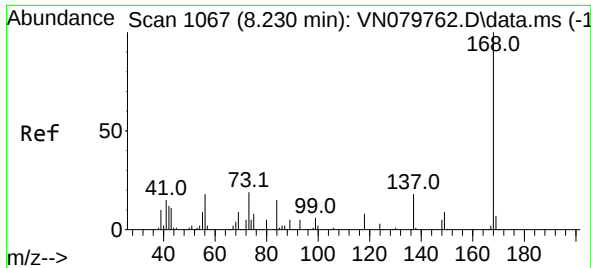
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

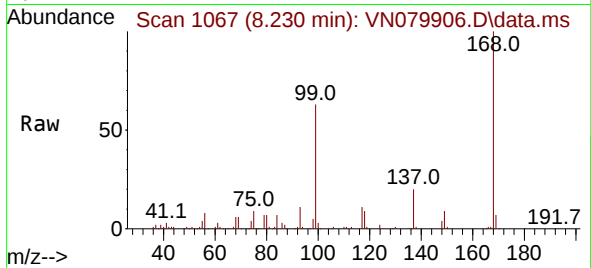
Quant Time: Nov 06 02:19:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

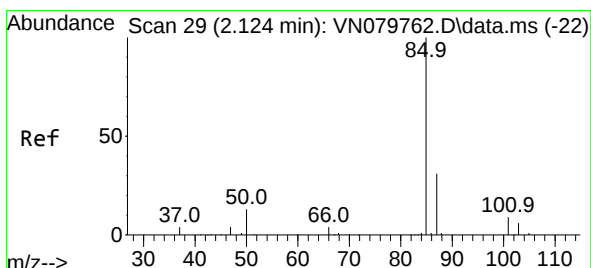
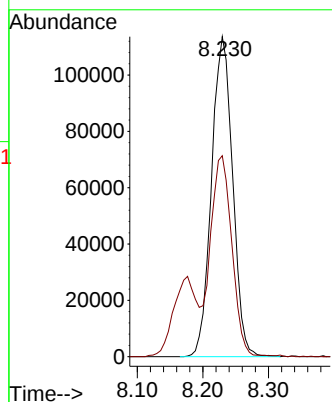
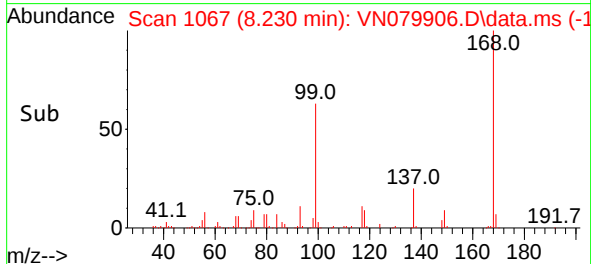
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion:168 Resp: 253862
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6

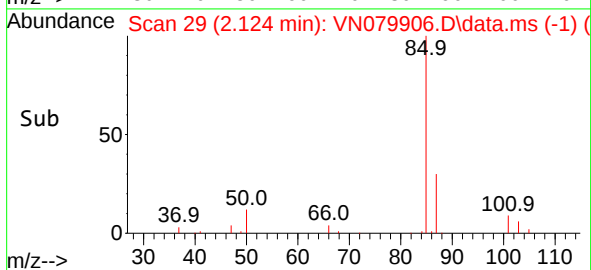
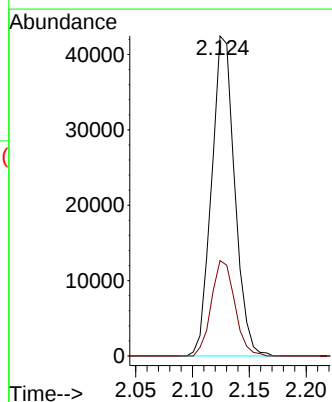
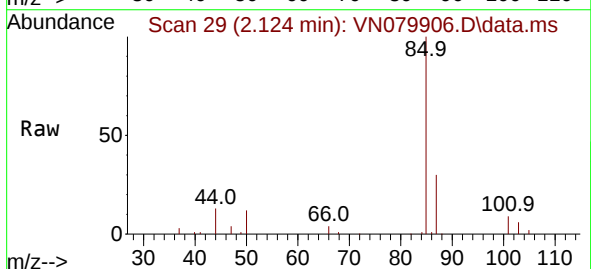
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 19.670 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

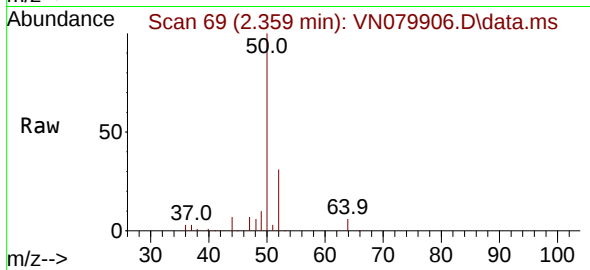
Tgt Ion: 85 Resp: 60149
Ion Ratio Lower Upper
85 100
87 29.8 15.8 47.4





#3
Chloromethane
Concen: 19.605 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

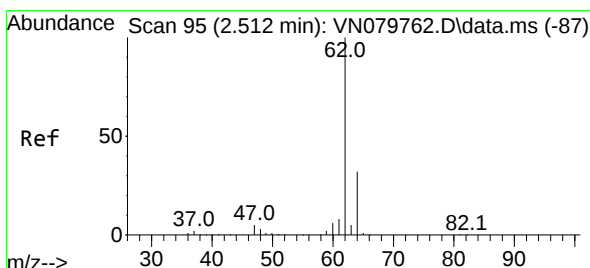
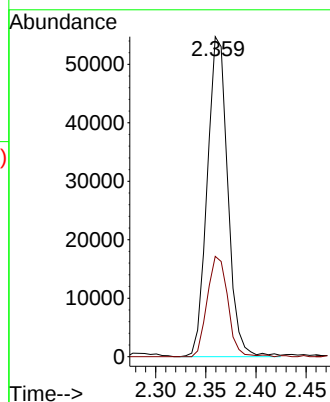
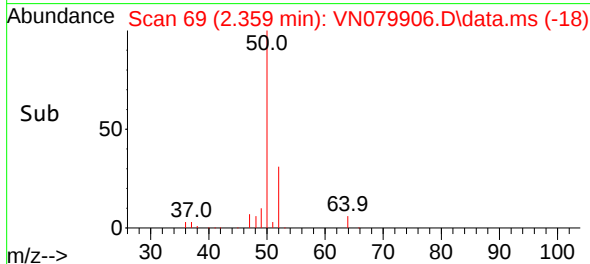
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



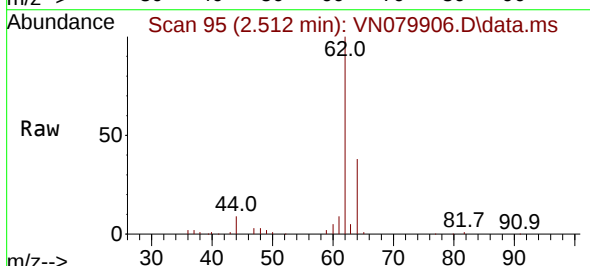
Tgt Ion: 50 Resp: 7784
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7

Manual Integrations
APPROVED

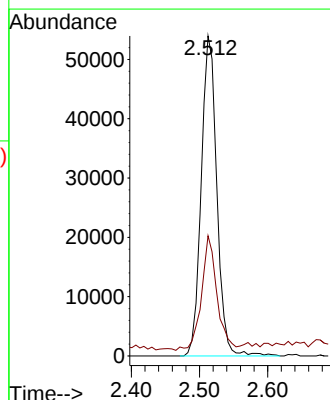
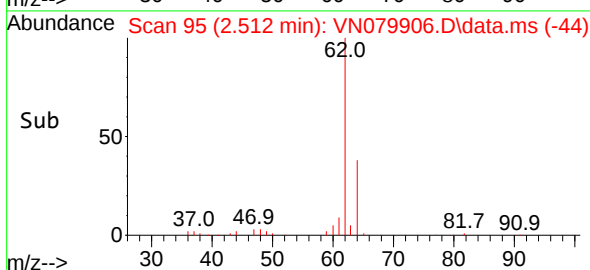
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#4
Vinyl Chloride
Concen: 21.480 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28



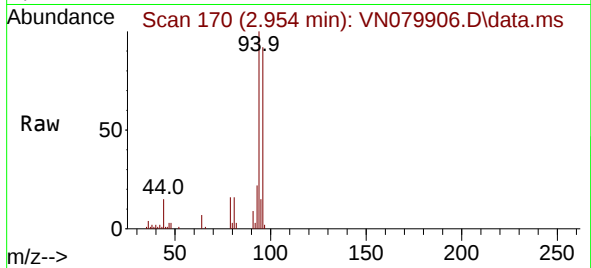
Tgt Ion: 62 Resp: 85976
Ion Ratio Lower Upper
62 100
64 34.7 26.2 39.2





#5
Bromomethane
Concen: 20.952 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

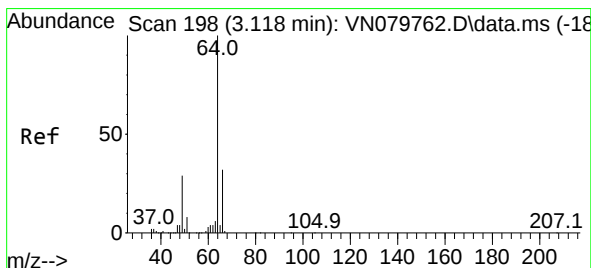
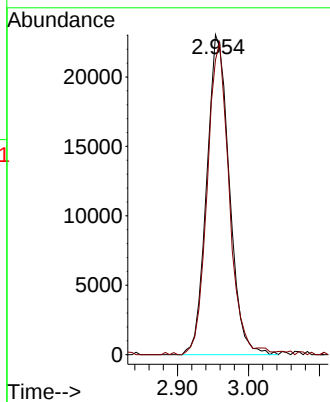
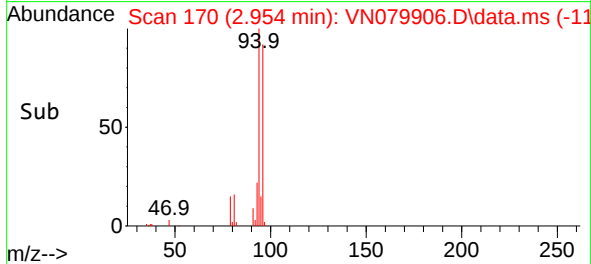
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



Tgt Ion: 94 Resp: 5095
Ion Ratio Lower Upper
94 100
96 92.1 73.1 109.7

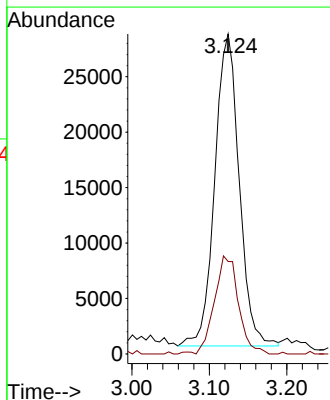
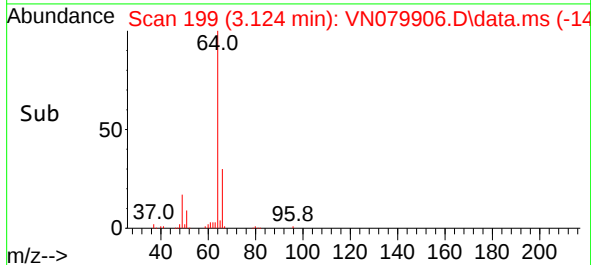
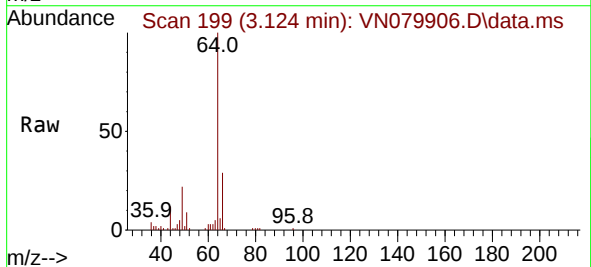
Manual Integrations
APPROVED

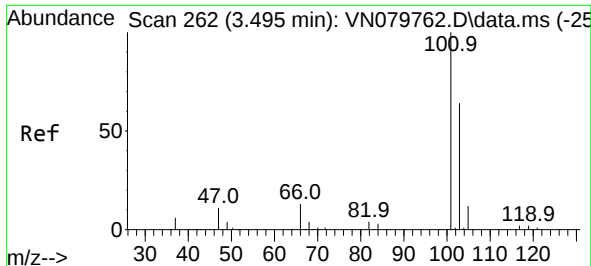
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#6
Chloroethane
Concen: 19.485 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

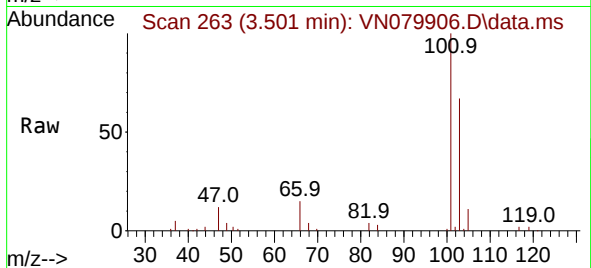
Tgt Ion: 64 Resp: 61625
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.972 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

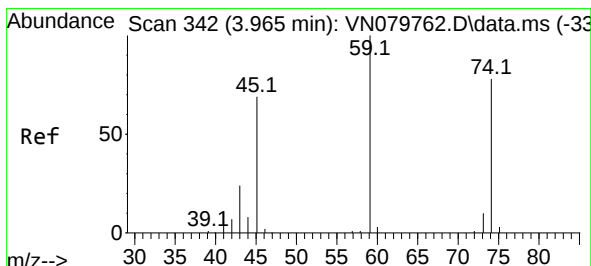
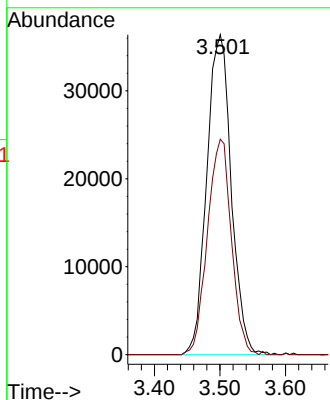
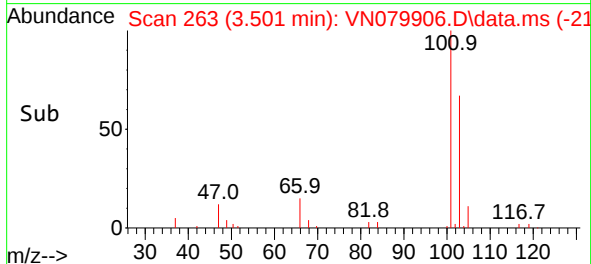
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



Tgt Ion:101 Resp: 94452
Ion Ratio Lower Upper
101 100
103 67.3 50.7 76.1

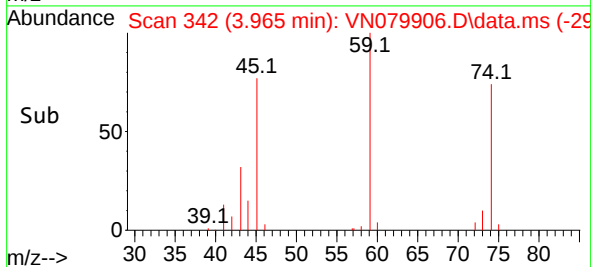
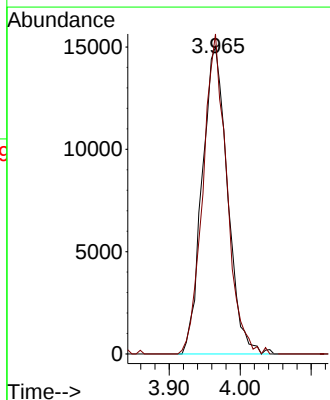
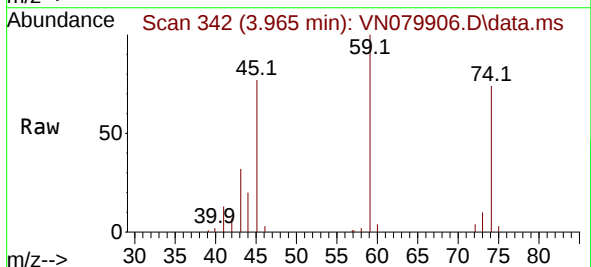
Manual Integrations
APPROVED

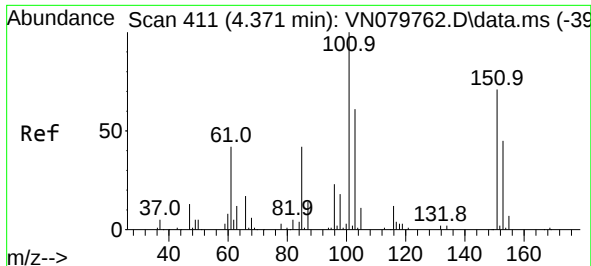
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#8
Diethyl Ether
Concen: 19.743 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 74 Resp: 37298
Ion Ratio Lower Upper
74 100
45 97.4 34.4 103.3





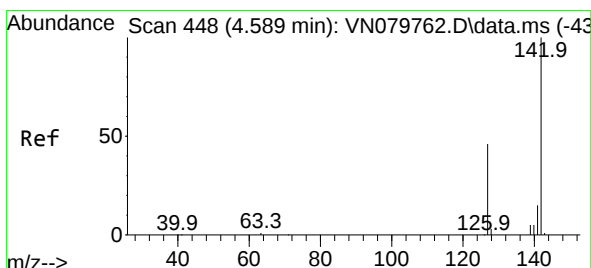
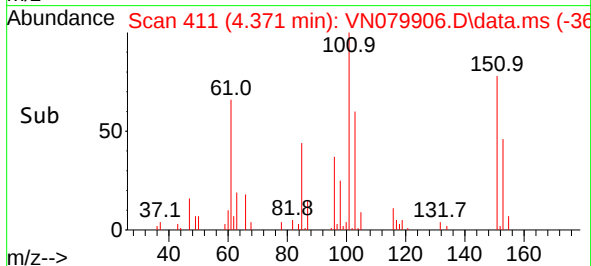
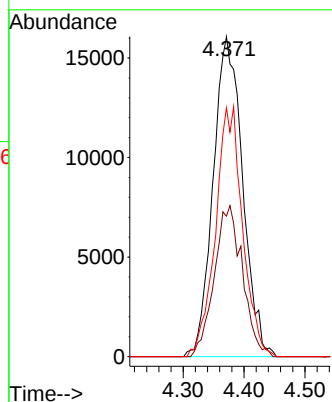
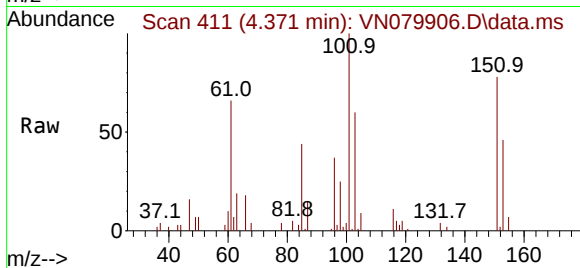
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.669 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:101 Resp: 53880
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 72.1 57.6 86.4

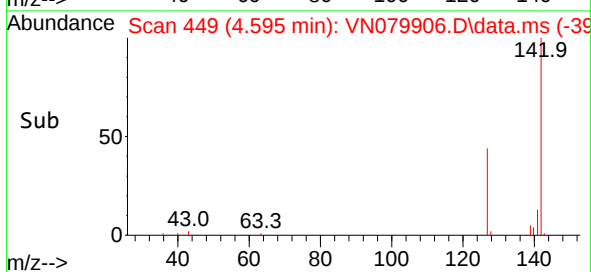
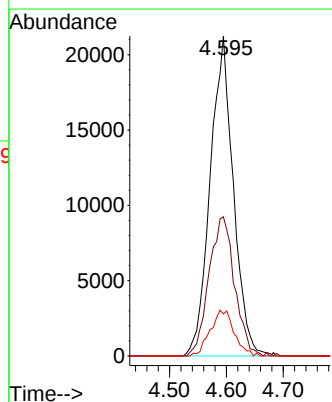
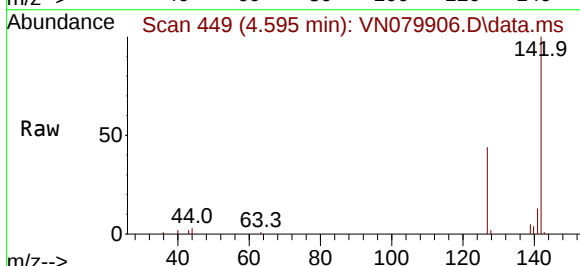
Manual Integrations
APPROVED

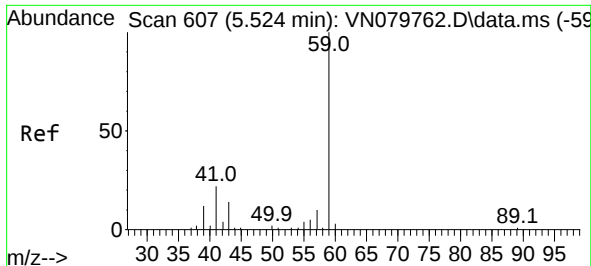
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 18.248 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion:142 Resp: 60140
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 13.2 11.4 17.0





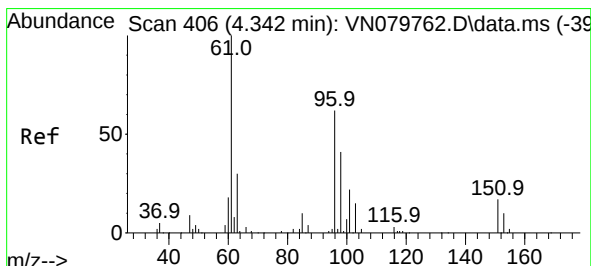
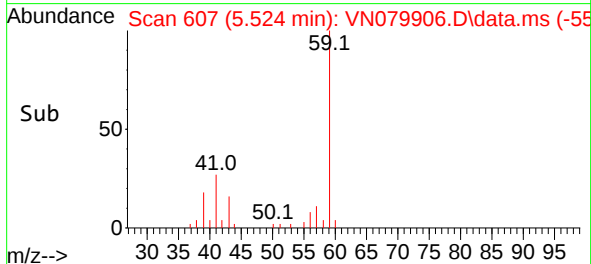
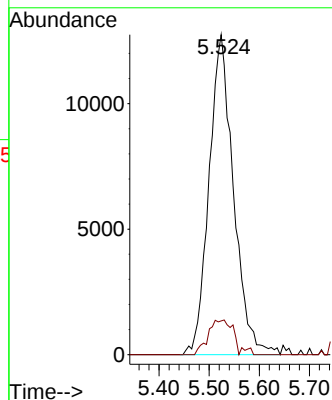
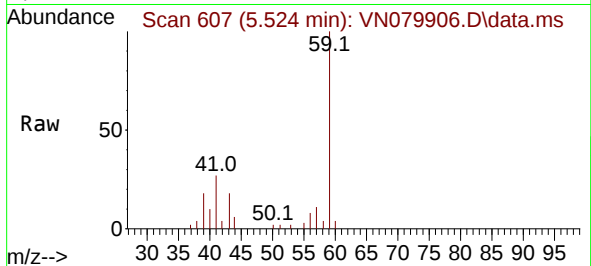
#11
Tert butyl alcohol
Concen: 87.608 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 59 Resp: 43254
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

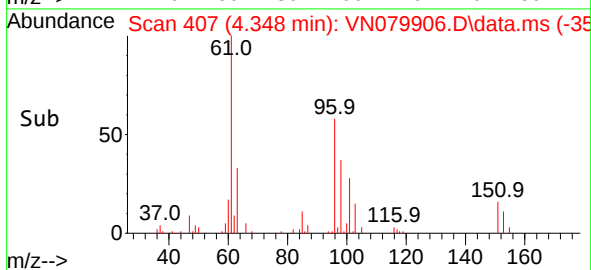
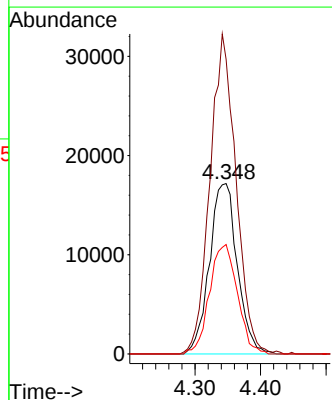
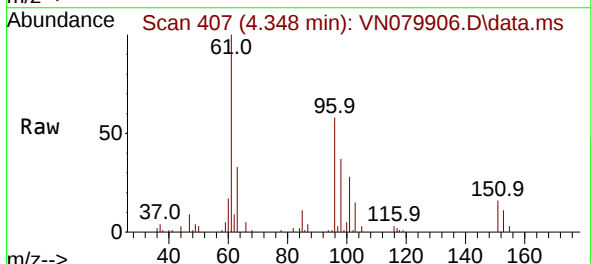
Manual Integrations
APPROVED

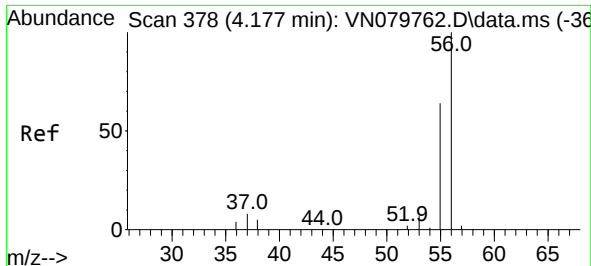
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#12
1,1-Dichloroethene
Concen: 18.537 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 96 Resp: 50653
Ion Ratio Lower Upper
96 100
61 172.9 112.7 169.1#
98 64.2 51.2 76.8





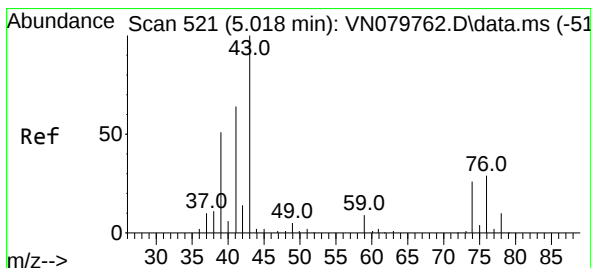
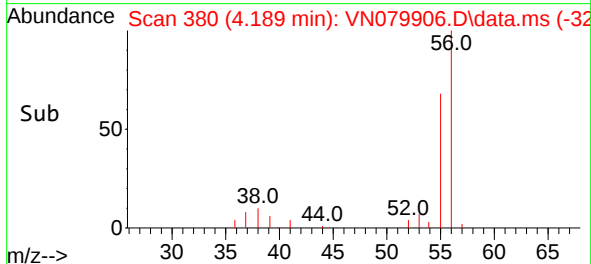
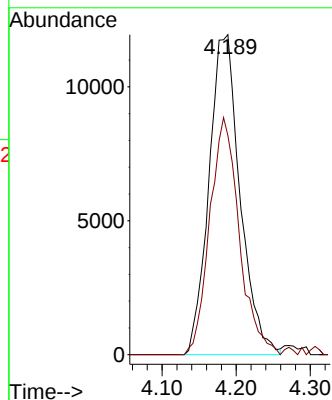
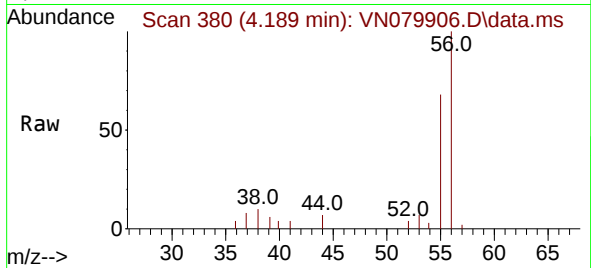
#13
Acrolein
Concen: 80.319 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01

Tgt Ion: 56 Resp: 3484
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

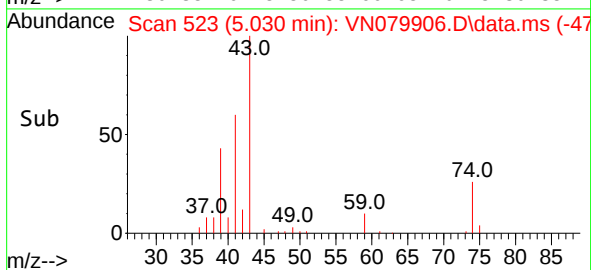
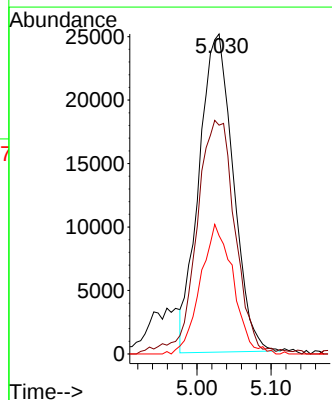
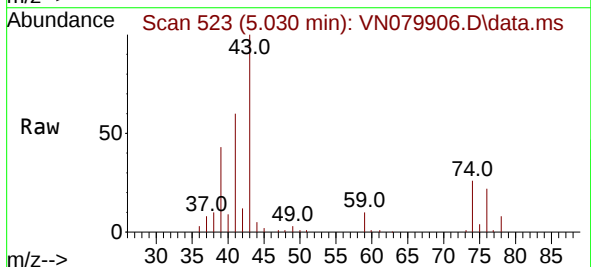
Manual Integrations
APPROVED

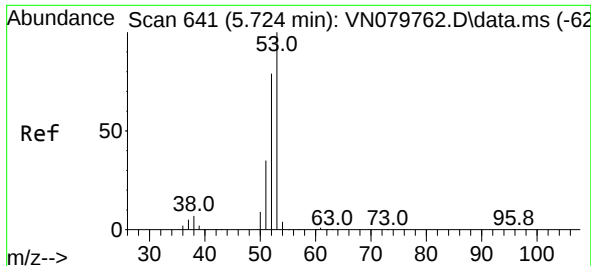
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#14
Allyl chloride
Concen: 19.260 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

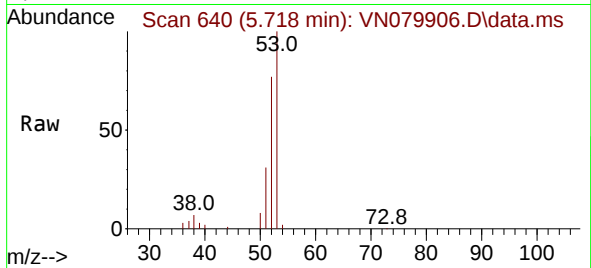
Tgt Ion: 41 Resp: 80609
Ion Ratio Lower Upper
41 100
39 82.2 58.8 88.2
76 39.1 39.1 58.7#





#15
Acrylonitrile
Concen: 109.721 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

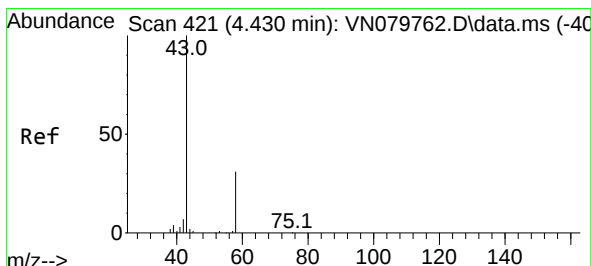
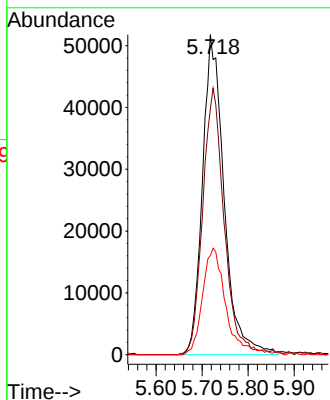
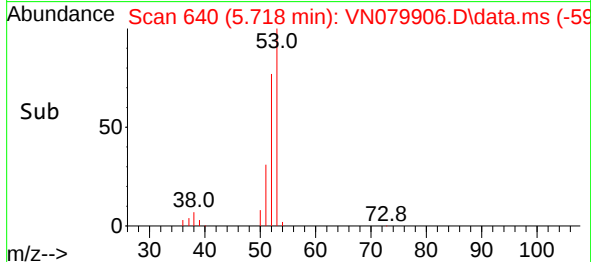
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



Tgt Ion: 53 Resp: 168818
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 35.8 28.9 43.3

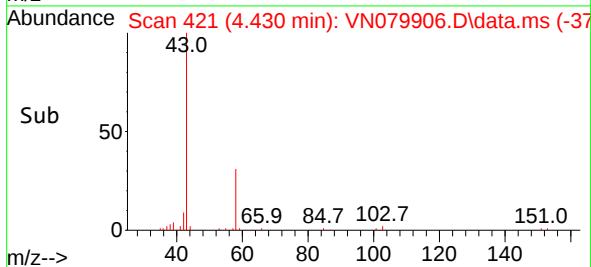
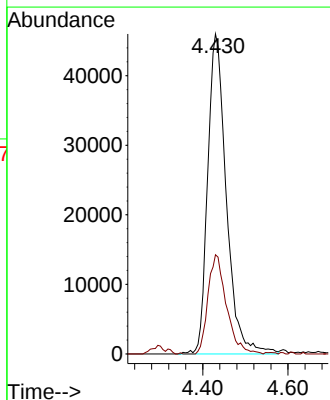
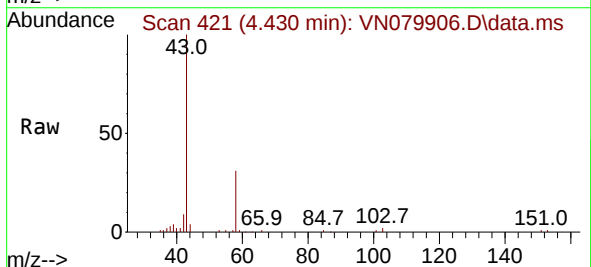
Manual Integrations
APPROVED

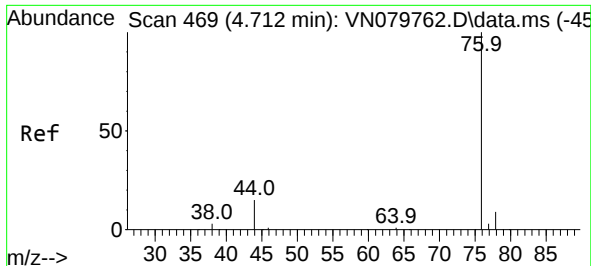
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 102.766 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

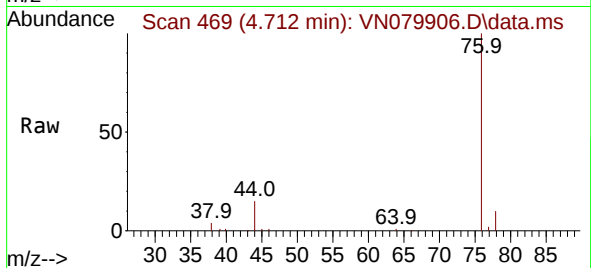
Tgt Ion: 43 Resp: 139613
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0





#17
Carbon Disulfide
Concen: 18.391 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

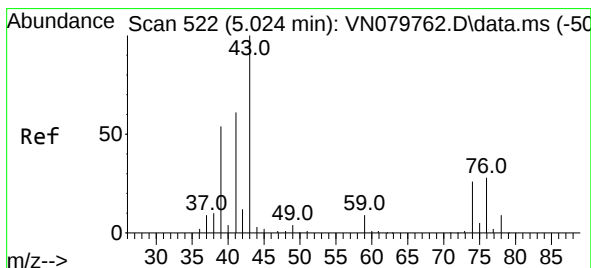
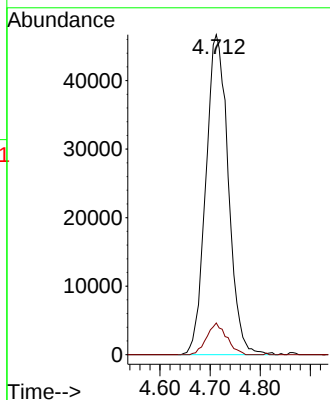
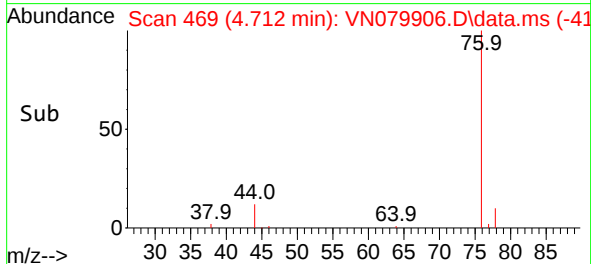
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



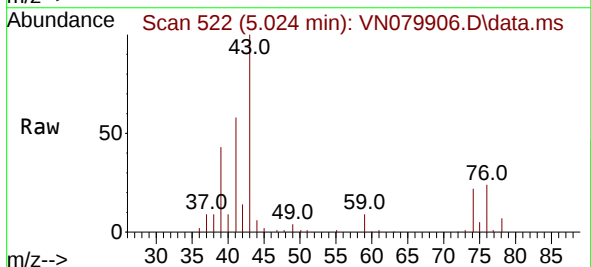
Tgt Ion: 76 Resp: 14496
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

Manual Integrations
APPROVED

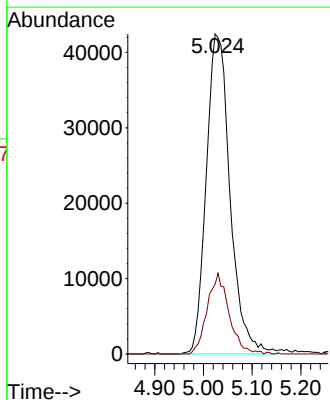
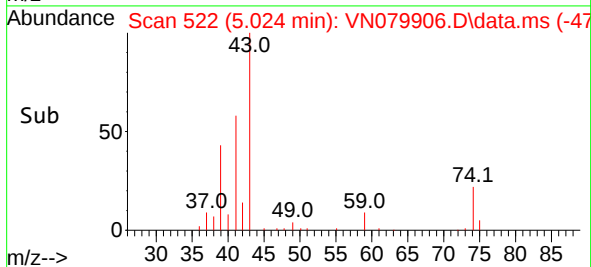
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

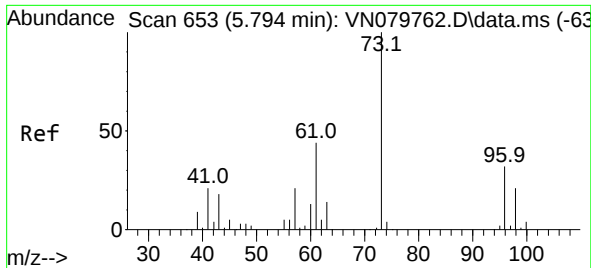


#18
Methyl Acetate
Concen: 22.184 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28



Tgt Ion: 43 Resp: 144188
Ion Ratio Lower Upper
43 100
74 23.0 26.2 39.4#





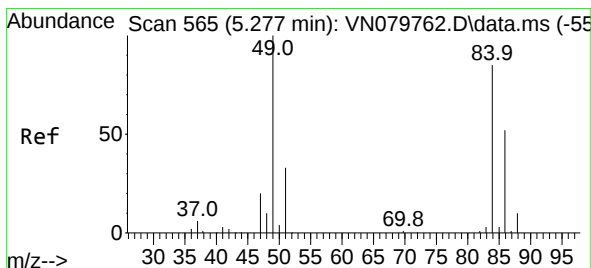
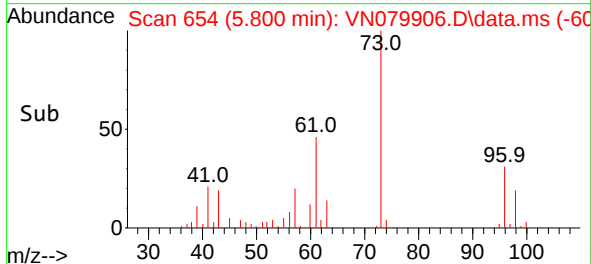
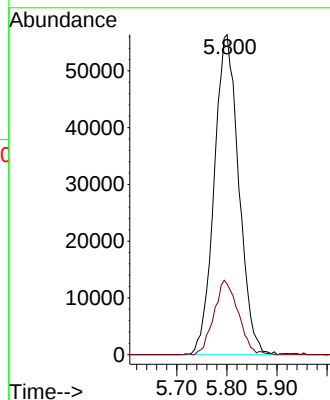
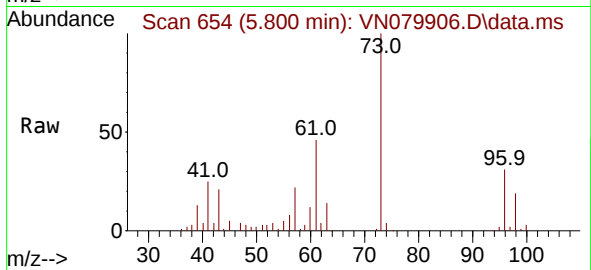
#19
Methyl tert-butyl Ether
Concen: 20.416 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 73 Resp: 19206
Ion Ratio Lower Upper
73 100
57 22.1 15.6 23.4

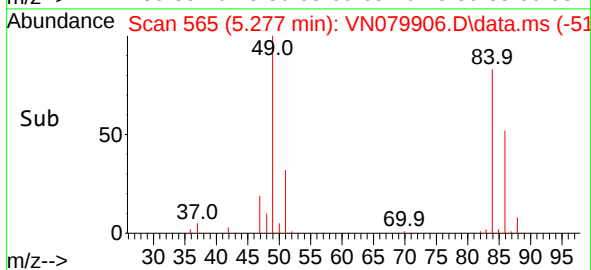
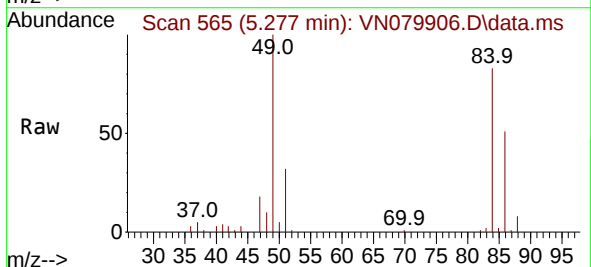
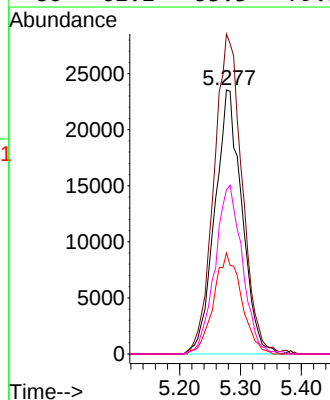
Manual Integrations
APPROVED

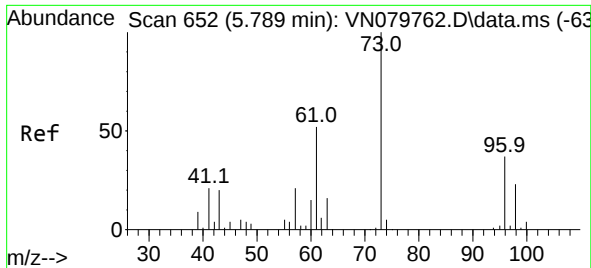
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 21.151 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 84 Resp: 72507
Ion Ratio Lower Upper
84 100
49 121.2 79.7 119.5#
51 38.3 25.2 37.8#
86 62.2 53.3 79.9





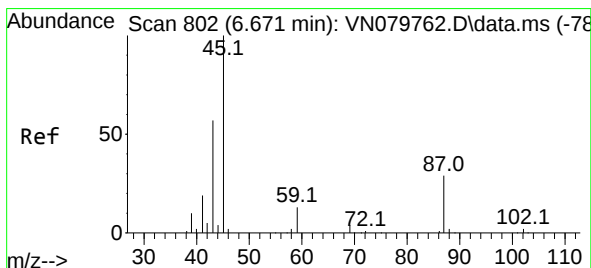
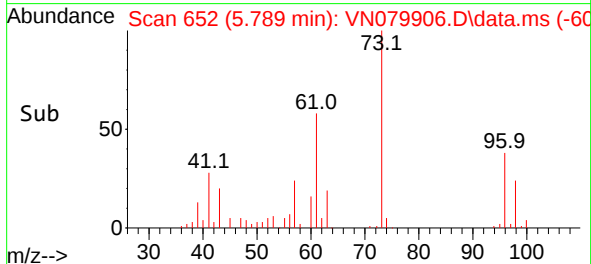
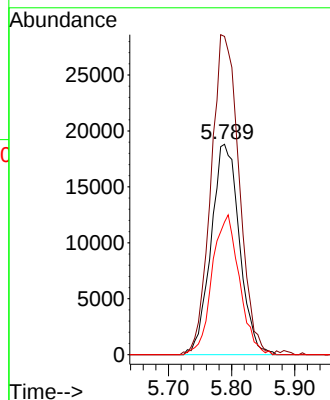
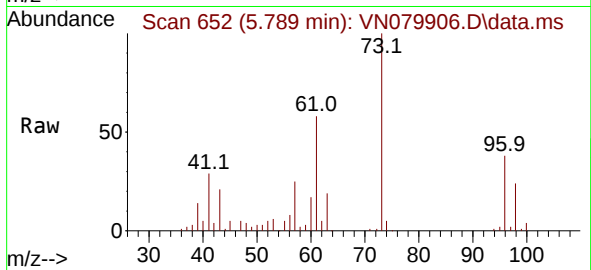
#21
trans-1,2-Dichloroethene
Concen: 19.243 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 96 Resp: 58644
Ion Ratio Lower Upper
96 100
61 151.2 90.1 135.1
98 63.0 46.4 69.6

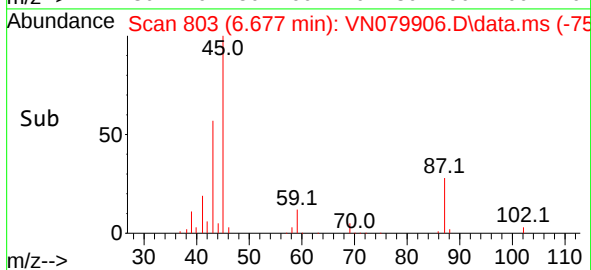
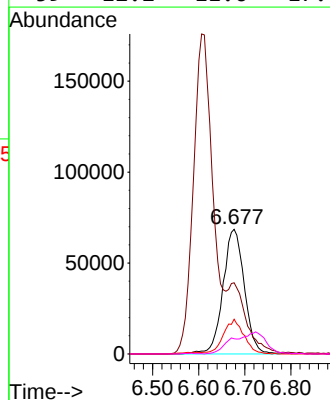
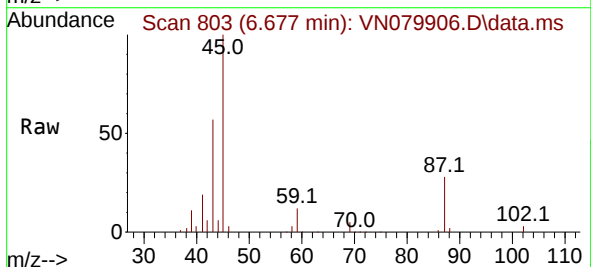
Manual Integrations
APPROVED

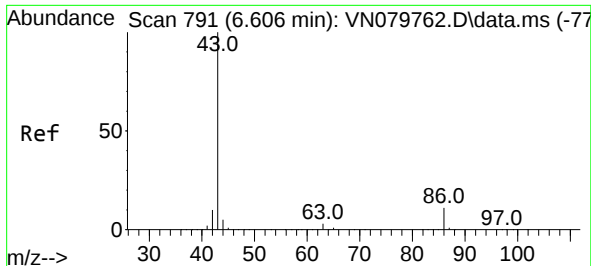
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 22.739 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 45 Resp: 220541
Ion Ratio Lower Upper
45 100
43 55.9 45.5 68.3
87 27.8 31.8 47.8
59 12.2 11.6 17.4





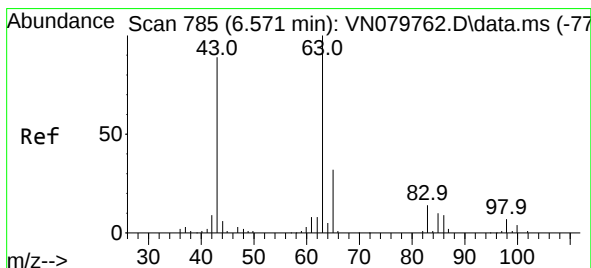
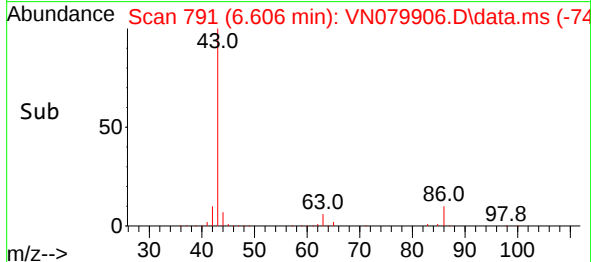
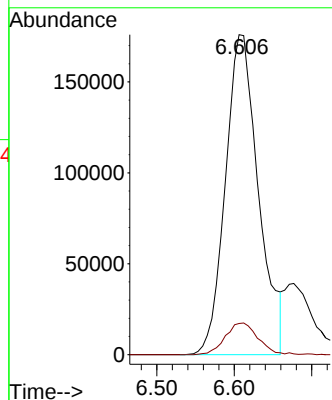
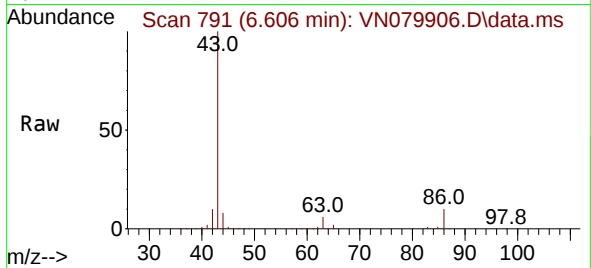
#23
 Vinyl Acetate
 Concen: 97.807 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079906.D
 Acq: 04 Nov 2023 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBSD01

Tgt Ion: 43 Resp: 52326
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6

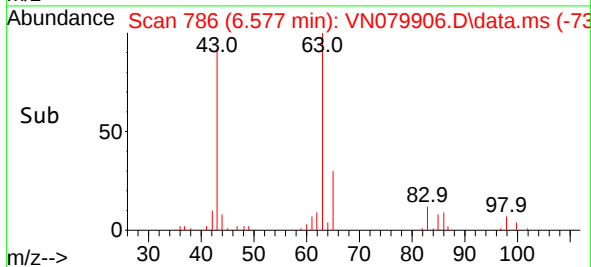
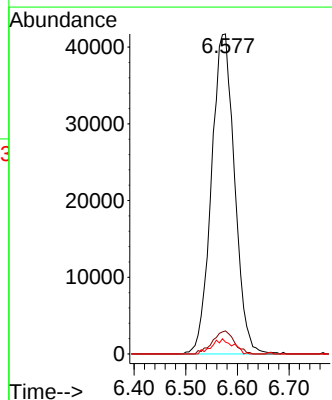
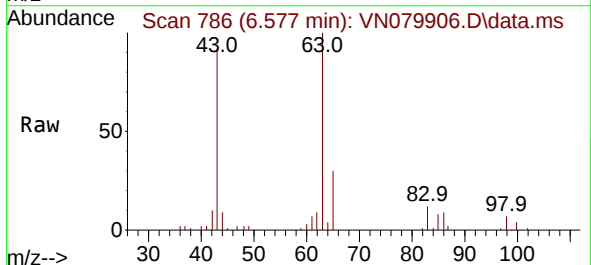
Manual Integrations
 APPROVED

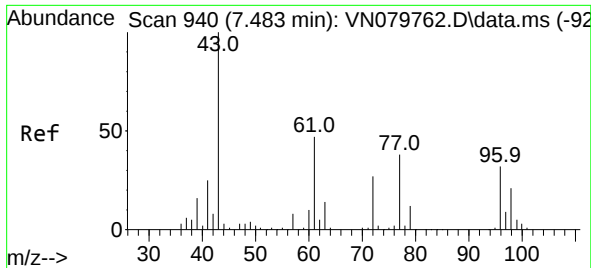
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 22.012 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN079906.D
 Acq: 04 Nov 2023 20:28

Tgt Ion: 63 Resp: 129763
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 3.7 2.5 7.4





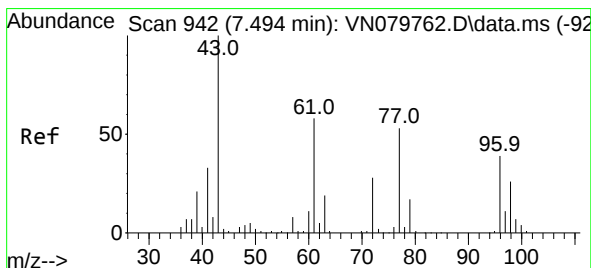
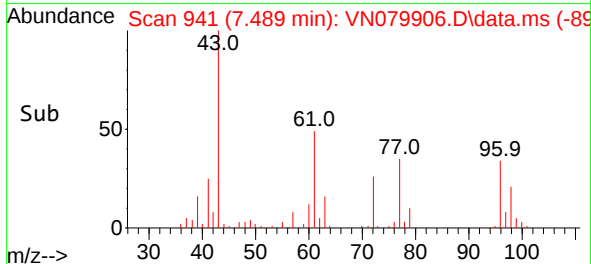
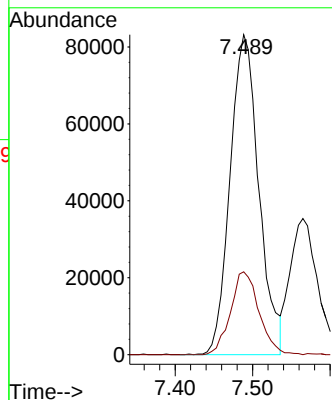
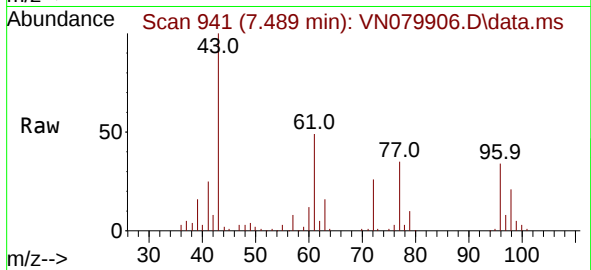
#25
2-Butanone
Concen: 108.197 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01

Tgt Ion: 43 Resp: 215248
Ion Ratio Lower Upper
43 100
72 25.9 30.2 45.2

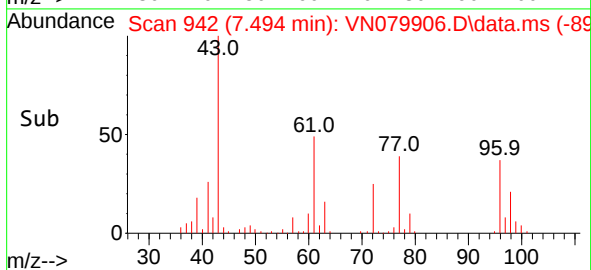
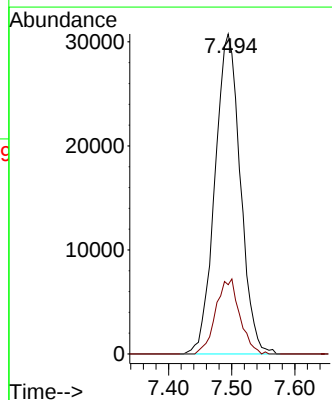
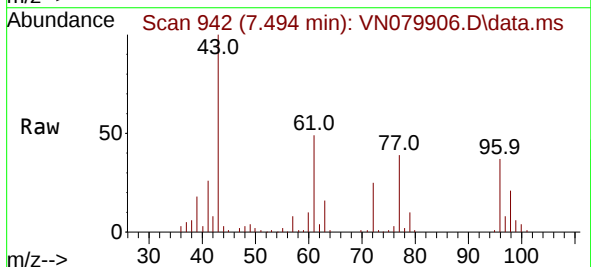
Manual Integrations
APPROVED

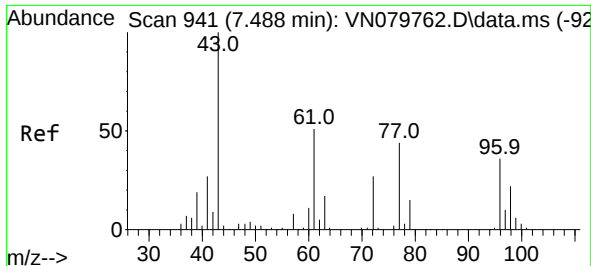
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#26
2,2-Dichloropropane
Concen: 17.642 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

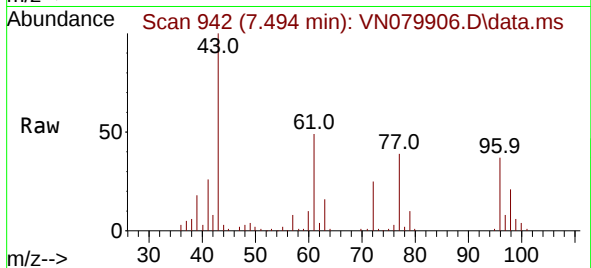
Tgt Ion: 77 Resp: 86011
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.035 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN079906.D
 Acq: 04 Nov 2023 20:28

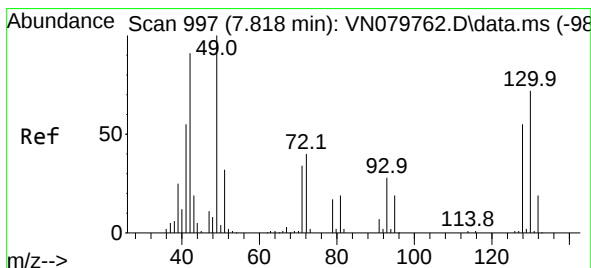
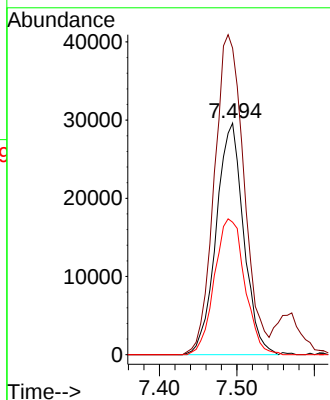
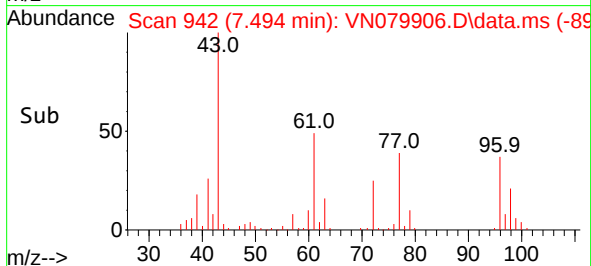
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBSD01



Tgt Ion: 96 Resp: 73036
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 255.2
 98 64.7 0.0 128.8

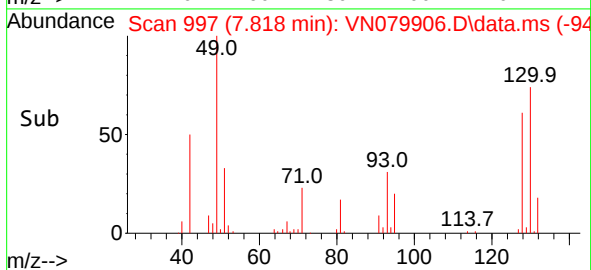
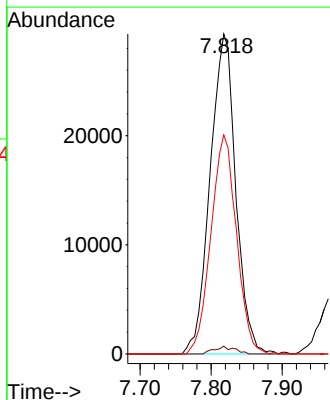
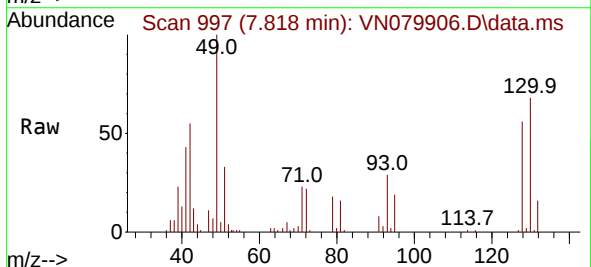
Manual Integrations
 APPROVED

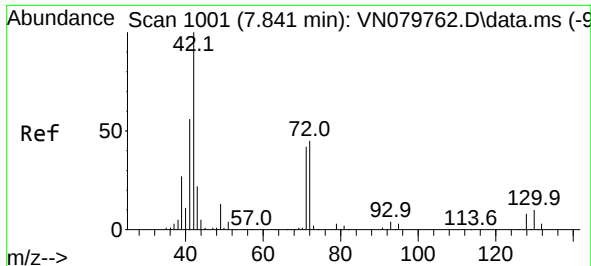
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 25.616 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079906.D
 Acq: 04 Nov 2023 20:28

Tgt Ion: 49 Resp: 73591
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 68.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 109.586 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBSD01

Tgt Ion: 42 Resp: 14184

Ion Ratio Lower Upper

42 100

72 41.7 49.8 74.6

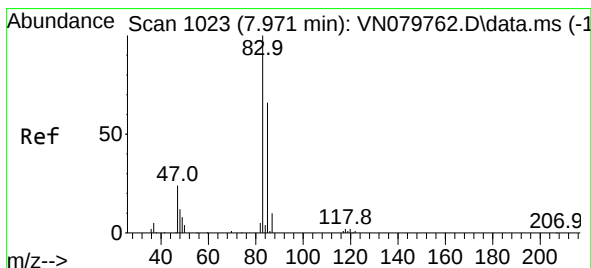
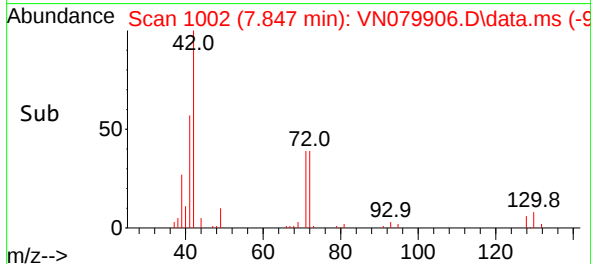
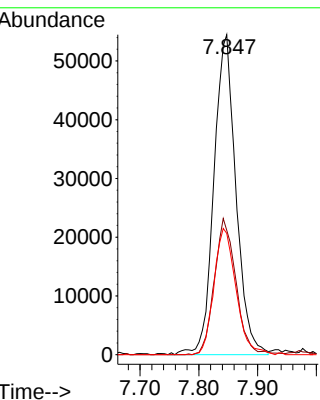
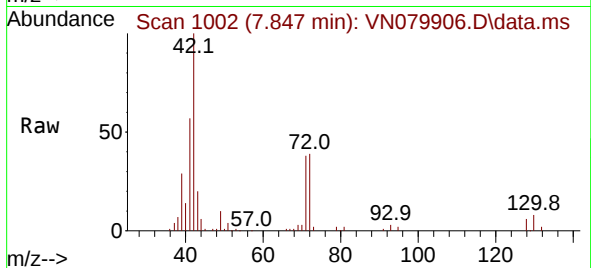
71 39.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 21.933 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079906.D

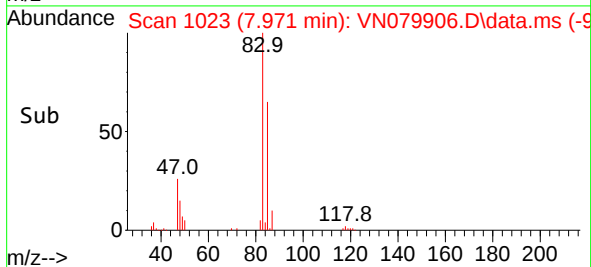
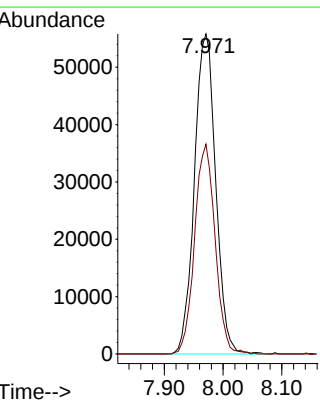
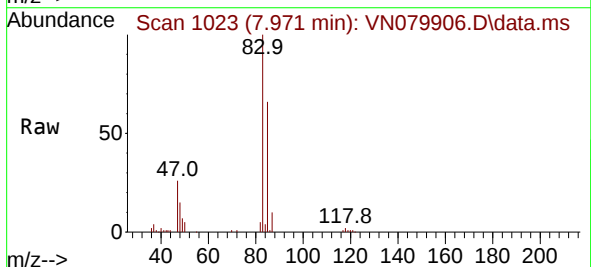
Acq: 04 Nov 2023 20:28

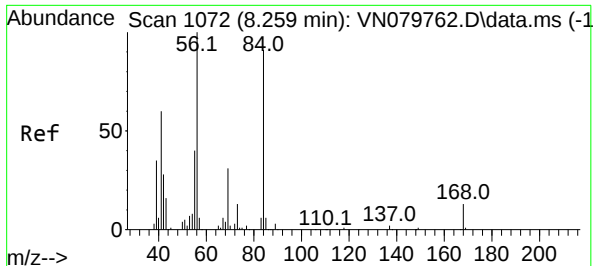
Tgt Ion: 83 Resp: 140446

Ion Ratio Lower Upper

83 100

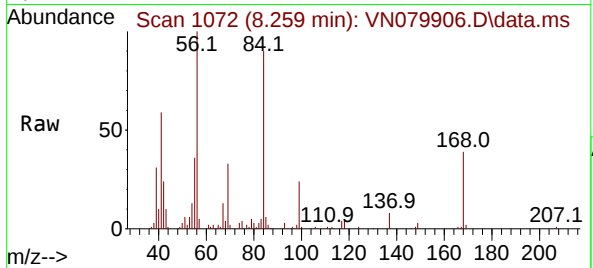
85 65.6 55.4 83.0





#31
Cyclohexane
Concen: 18.357 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

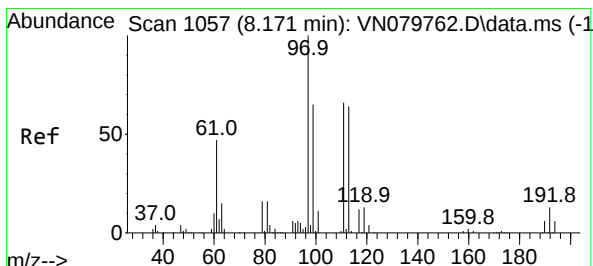
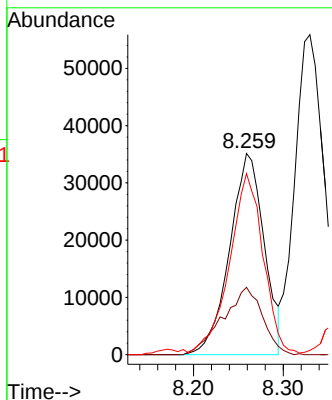
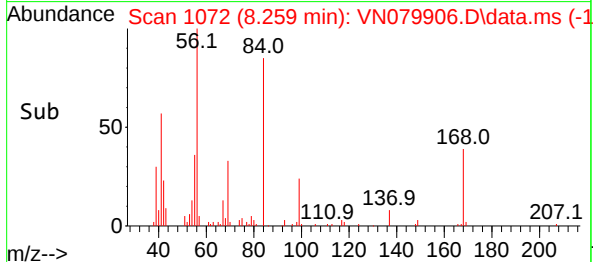
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



Tgt Ion: 56 Resp: 93820
Ion Ratio Lower Upper
56 100
69 32.9 26.8 40.2
84 88.4 81.8 122.6

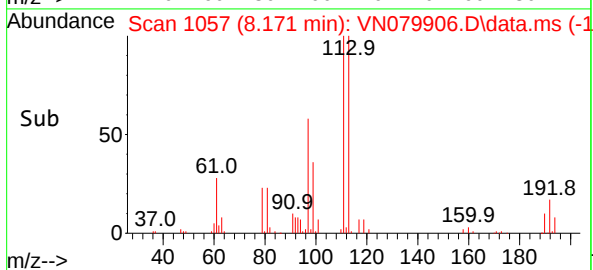
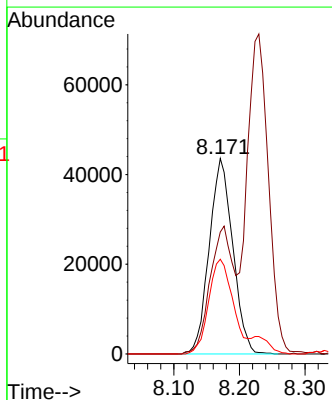
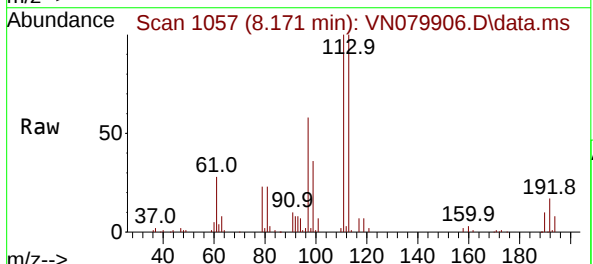
Manual Integrations
APPROVED

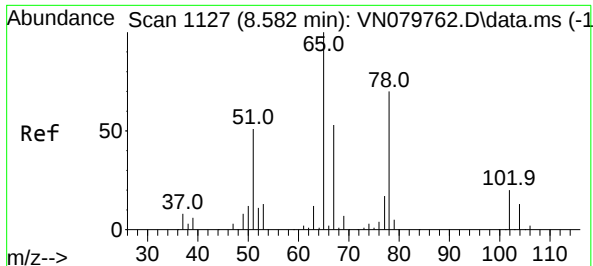
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#32
1,1,1-Trichloroethane
Concen: 20.821 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 97 Resp: 108632
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 51.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 60.127 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 65 Resp: 23255

Ion Ratio Lower Upper

65 100

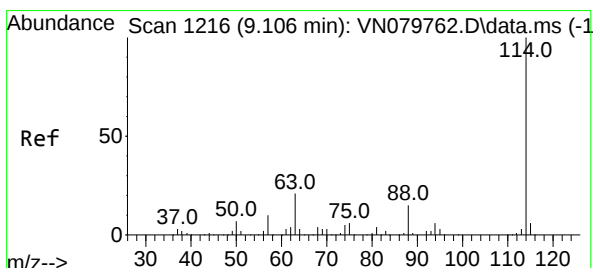
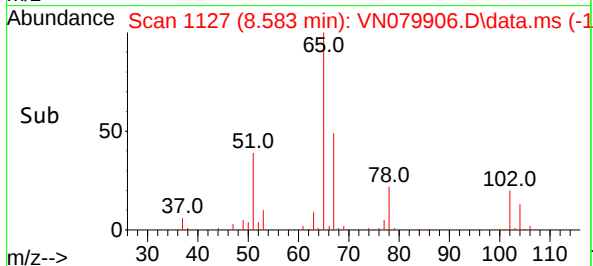
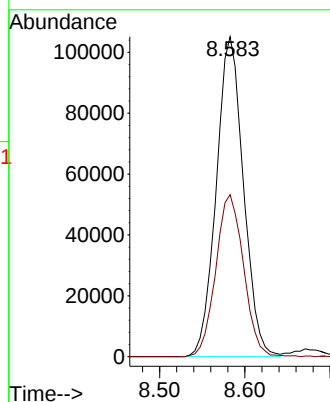
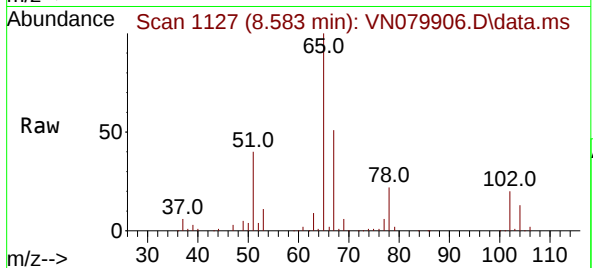
67 51.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

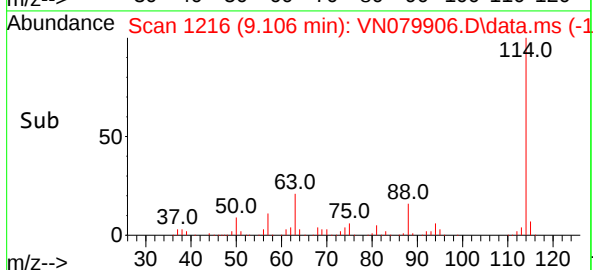
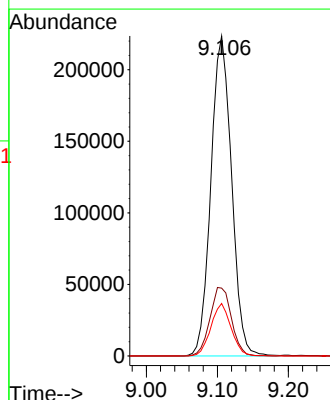
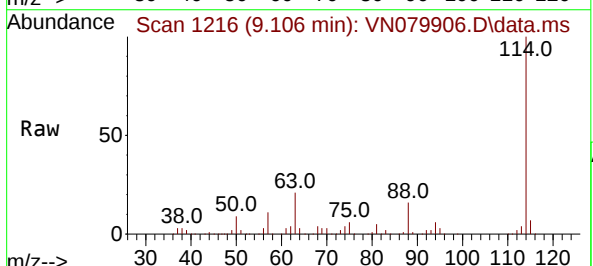
Tgt Ion:114 Resp: 451933

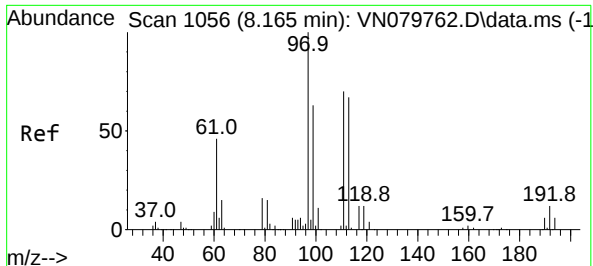
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.367 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion:113 Resp: 177098

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

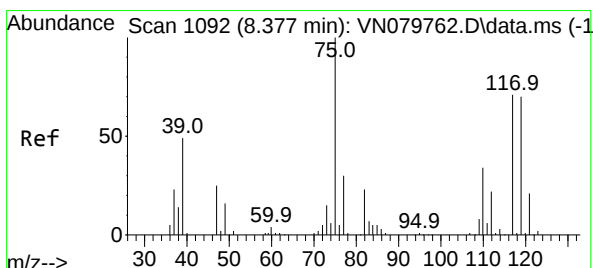
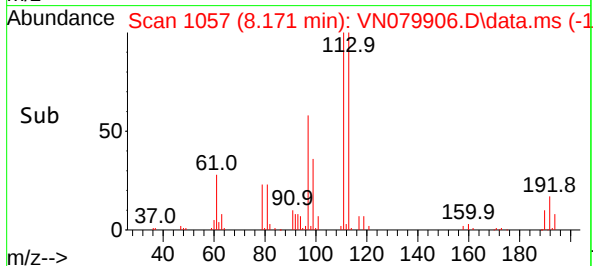
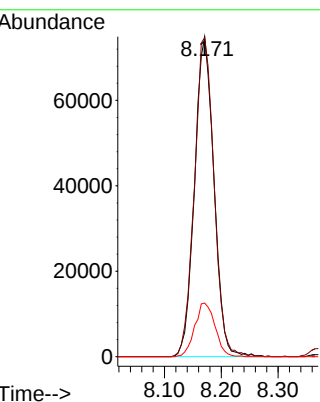
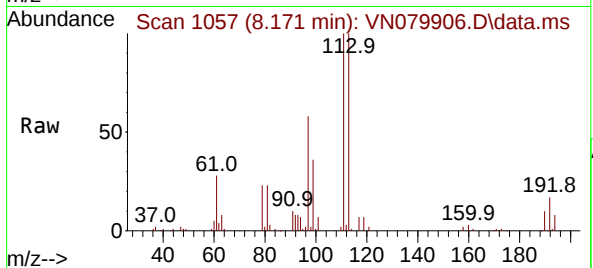
192 17.6 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#36

1,1-Dichloropropene

Concen: 19.080 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

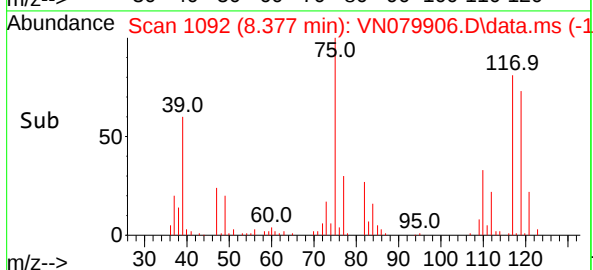
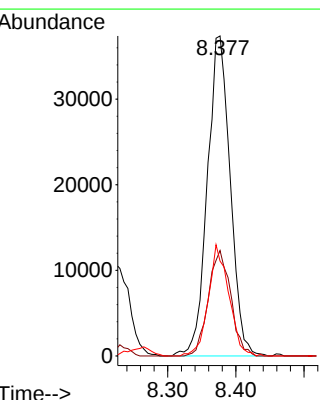
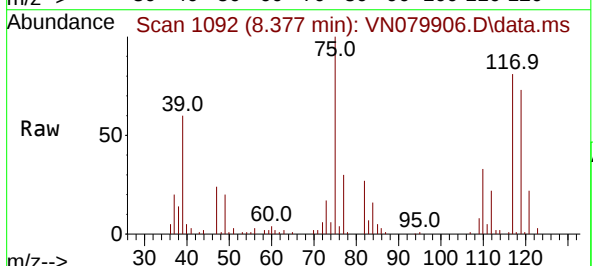
Tgt Ion: 75 Resp: 87141

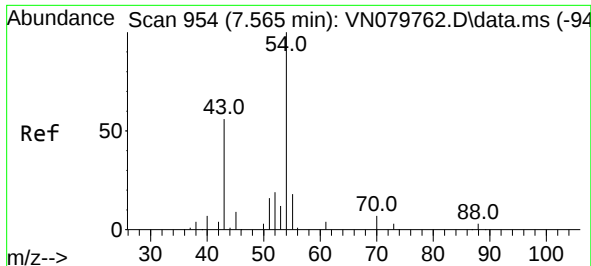
Ion Ratio Lower Upper

75 100

110 32.4 19.1 57.3

77 31.3 25.0 37.4





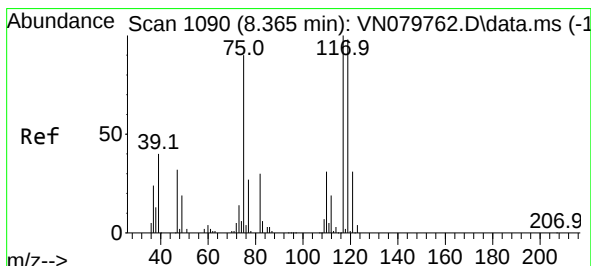
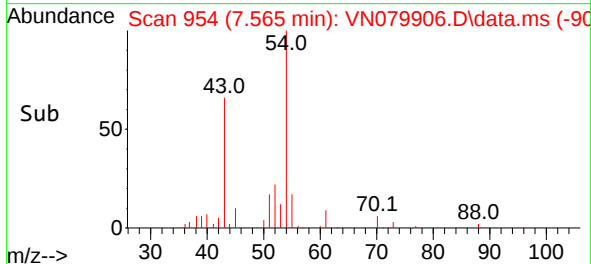
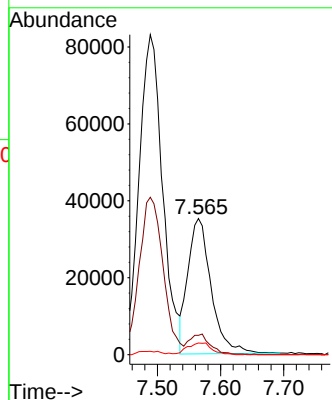
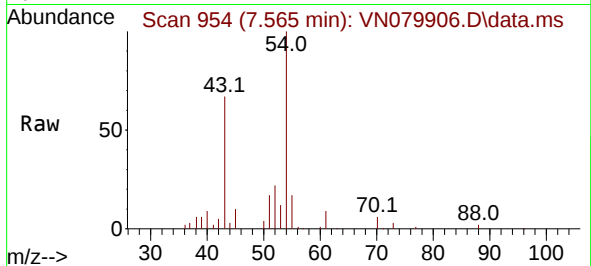
#37
Ethyl Acetate
Concen: 21.425 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01

Tgt Ion: 43 Resp: 89739
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 9.1 11.3 16.9

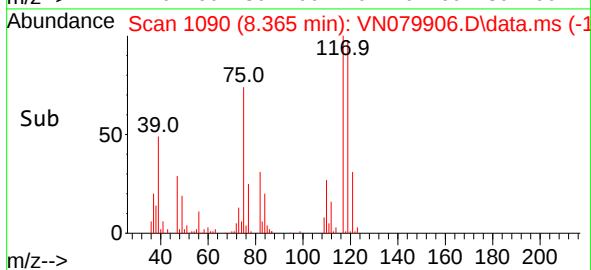
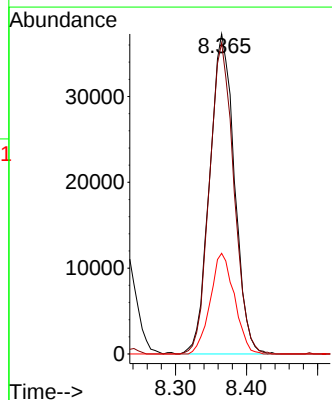
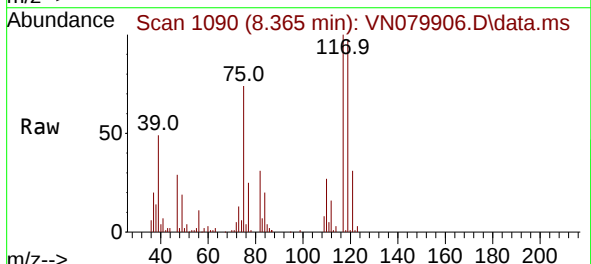
Manual Integrations
APPROVED

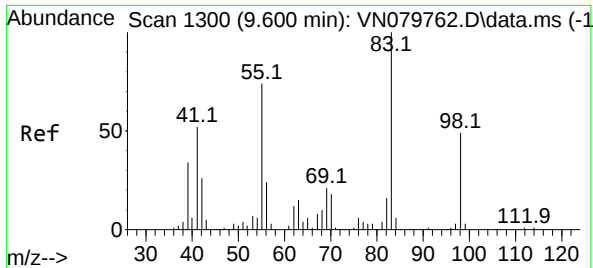
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 19.604 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion:117 Resp: 90234
Ion Ratio Lower Upper
117 100
119 97.2 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 16.393 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBSD01

Tgt Ion: 83 Resp: 70458

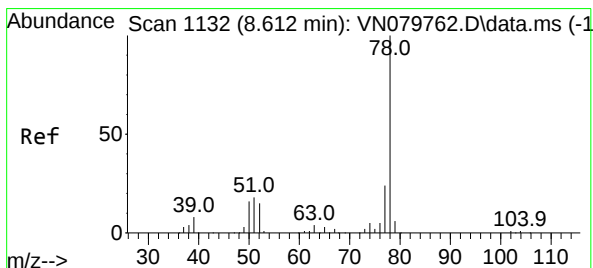
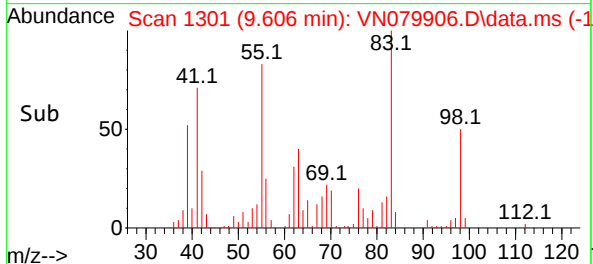
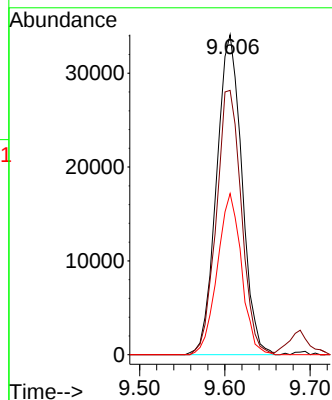
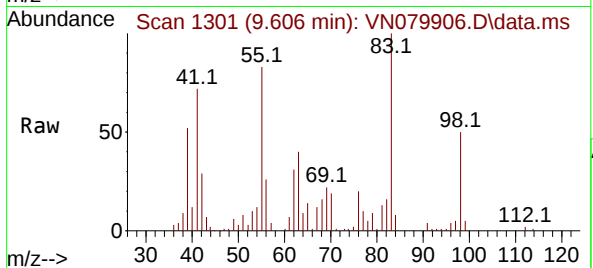
Ion	Ratio	Lower	Upper
83	100		
55	82.6	49.1	73.7
98	50.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 20.402 ug/l

RT: 8.612 min Scan# 1132

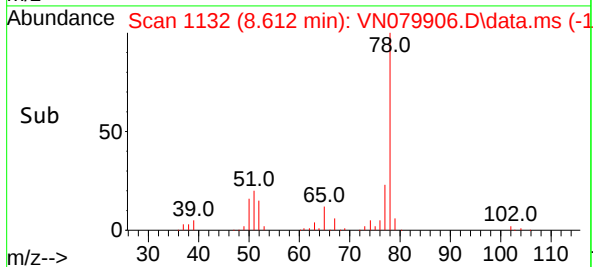
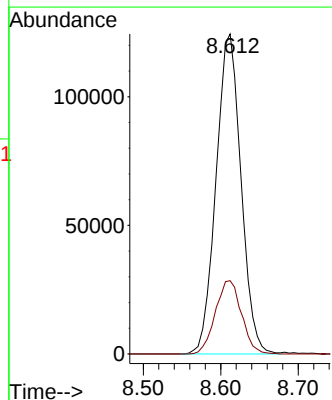
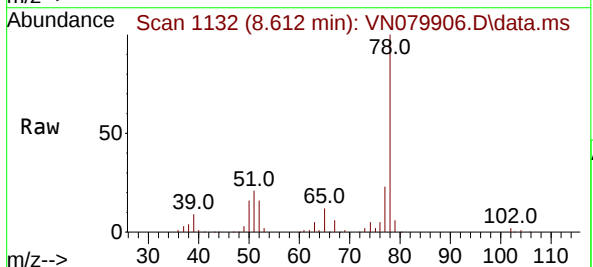
Delta R.T. 0.000 min

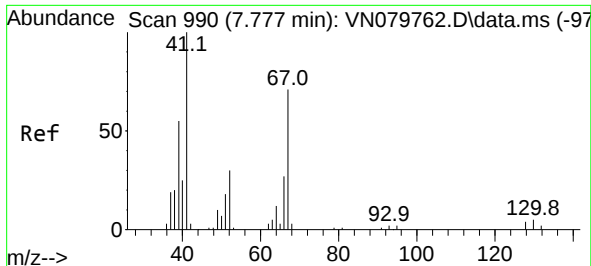
Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Tgt Ion: 78 Resp: 279084

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.0	28.6





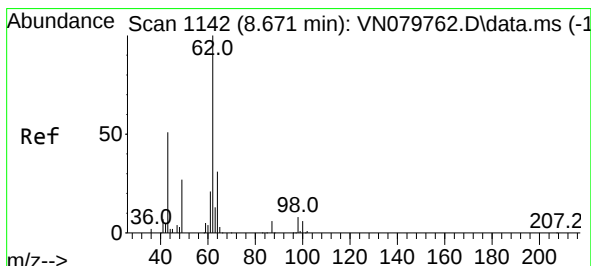
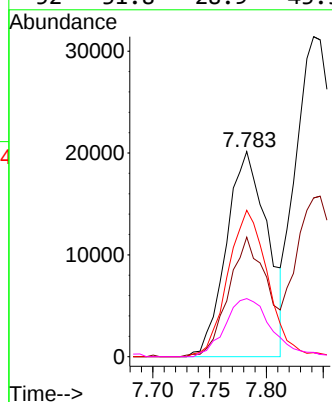
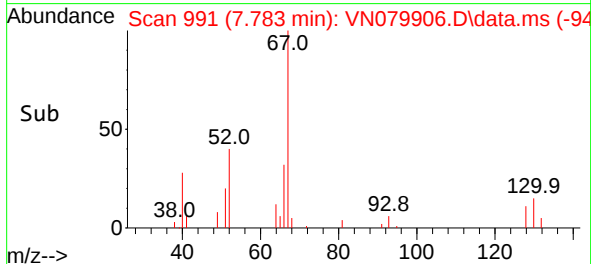
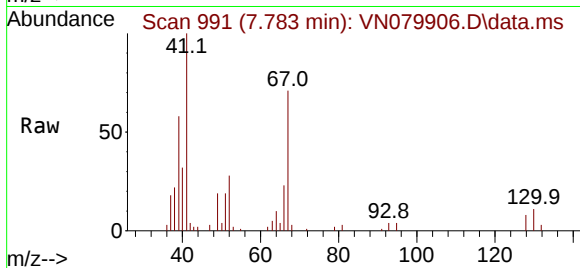
#41
Methacrylonitrile
Concen: 22.849 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 41 Resp: 5082
Ion Ratio Lower Upper
41 100
39 54.8 42.6 64.0
67 69.6 77.5 116.3
52 31.8 28.9 43.3

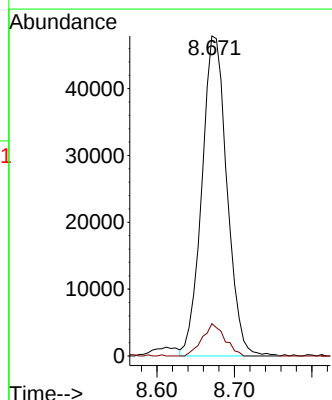
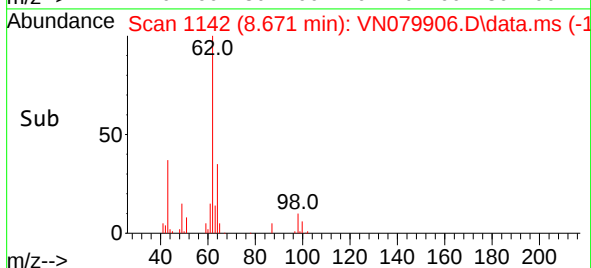
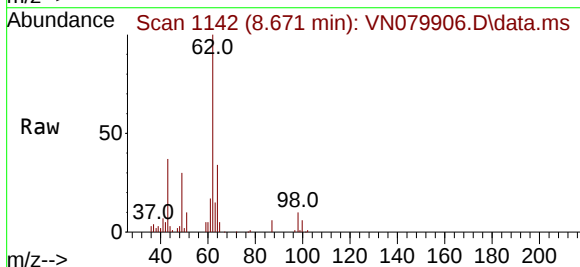
Manual Integrations
APPROVED

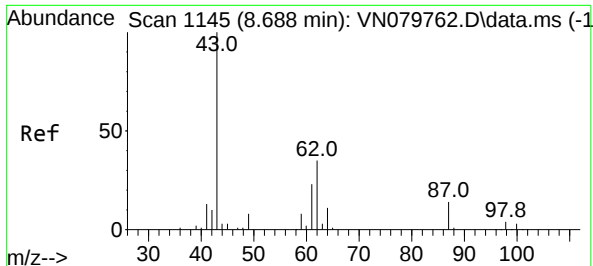
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 22.551 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 62 Resp: 107754
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.083 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 43 Resp: 147510

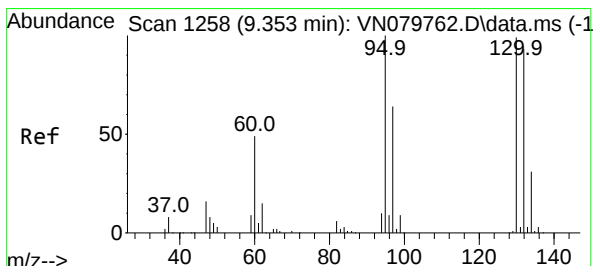
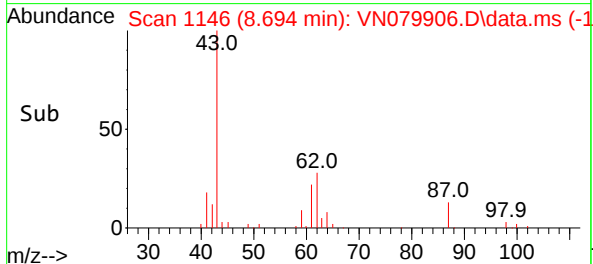
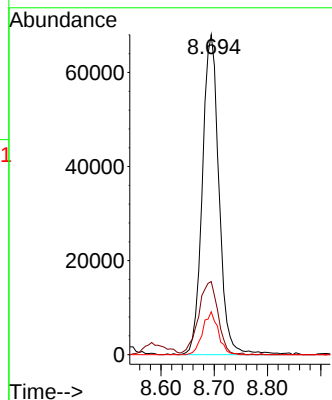
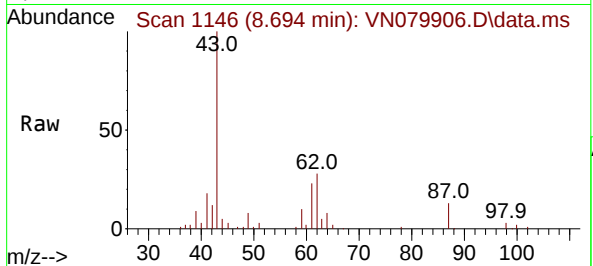
Ion	Ratio	Lower	Upper
43	100		
61	26.9	24.7	37.1
87	12.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#44

Trichloroethene

Concen: 19.216 ug/l

RT: 9.353 min Scan# 1258

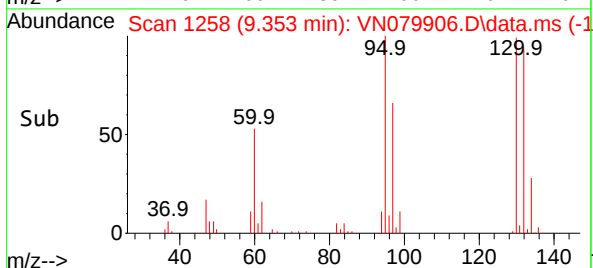
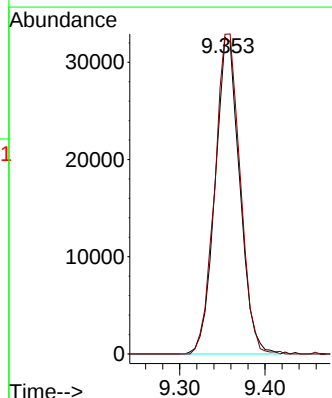
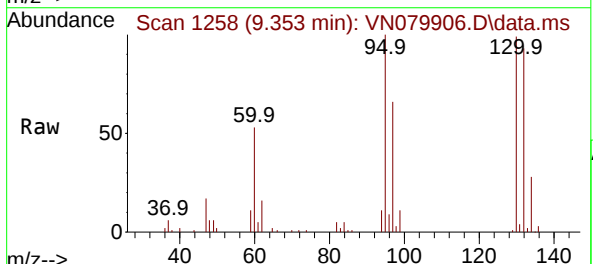
Delta R.T. 0.000 min

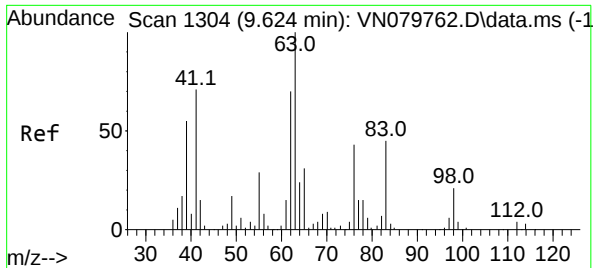
Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Tgt Ion:130 Resp: 65227

Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	204.6





#45

1,2-Dichloropropane

Concen: 21.649 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBSD01

Tgt Ion: 63 Resp: 7568

Ion Ratio Lower Upper

63 100

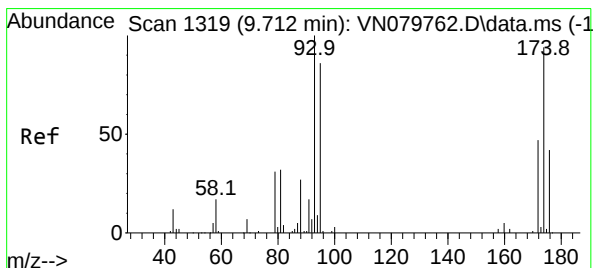
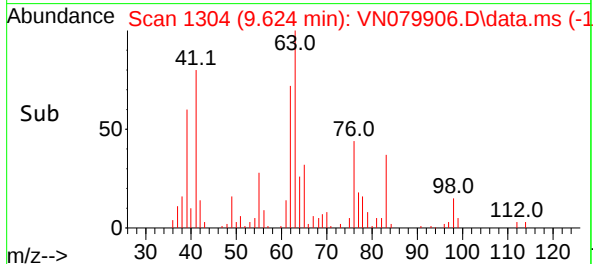
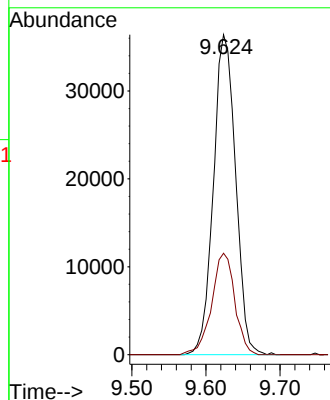
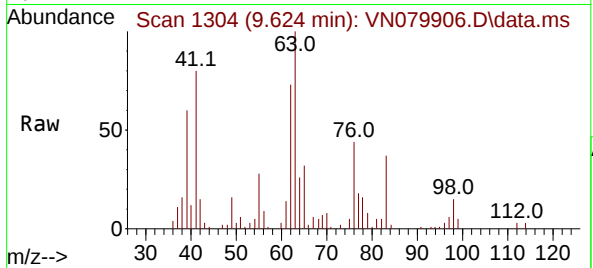
65 31.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#46

Dibromomethane

Concen: 21.281 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

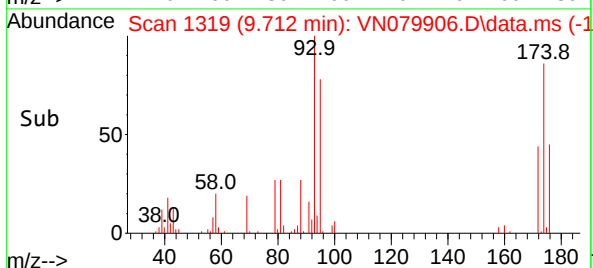
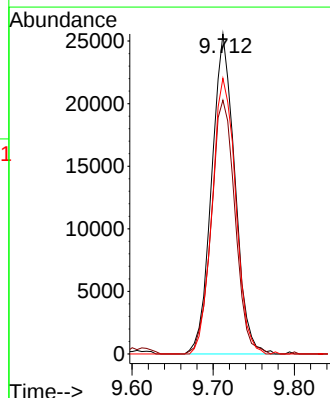
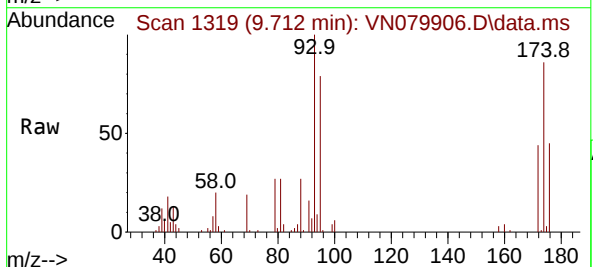
Tgt Ion: 93 Resp: 50797

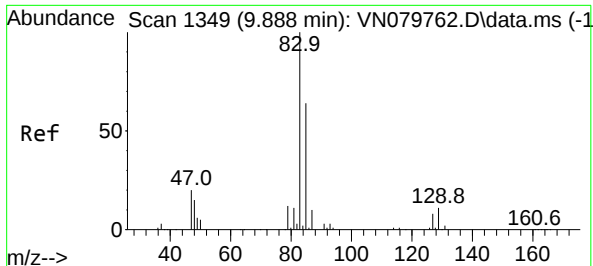
Ion Ratio Lower Upper

93 100

95 80.9 63.8 95.8

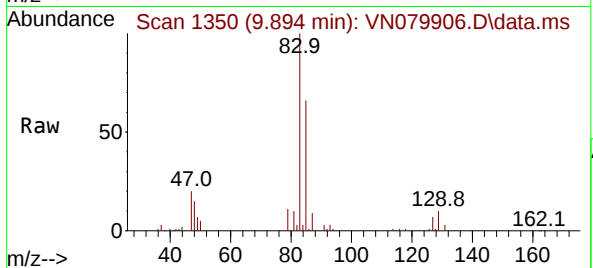
174 87.4 65.6 98.4





#47
Bromodichloromethane
Concen: 20.826 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

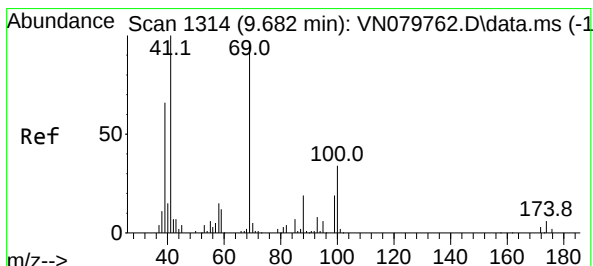
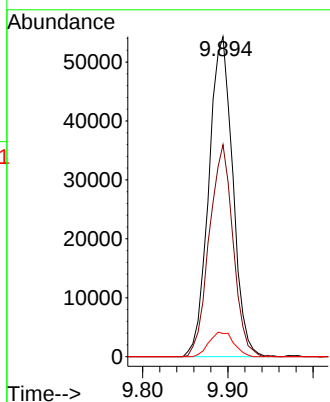
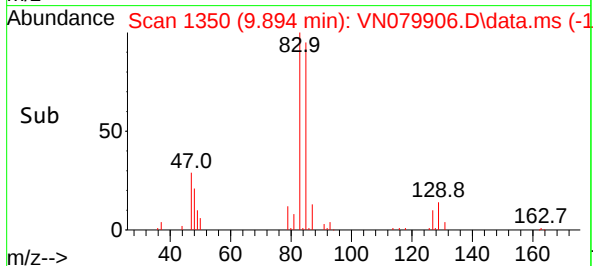
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



Tgt Ion: 83 Resp: 106019
Ion Ratio Lower Upper
83 100
85 66.2 49.6 74.4
127 7.3 7.0 10.6

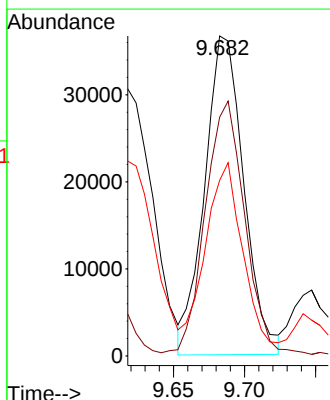
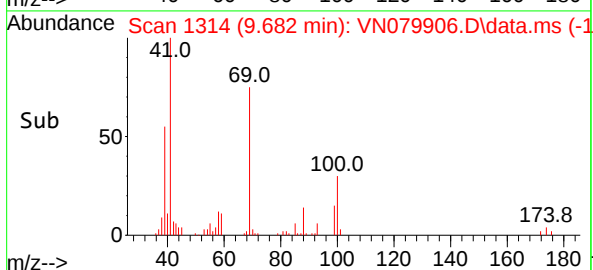
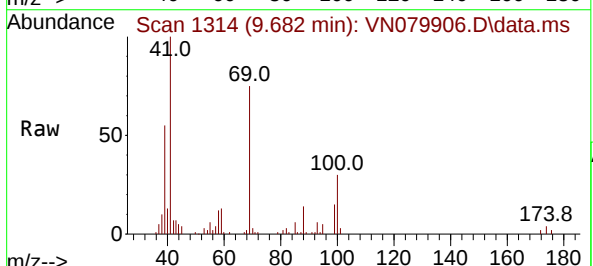
Manual Integrations
APPROVED

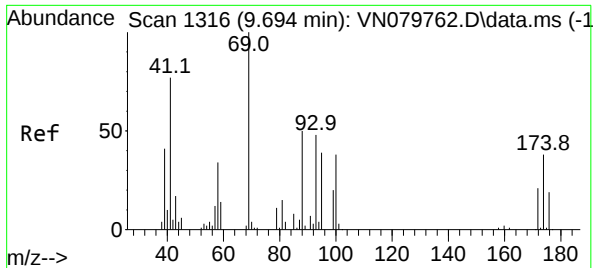
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#48
Methyl methacrylate
Concen: 21.824 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

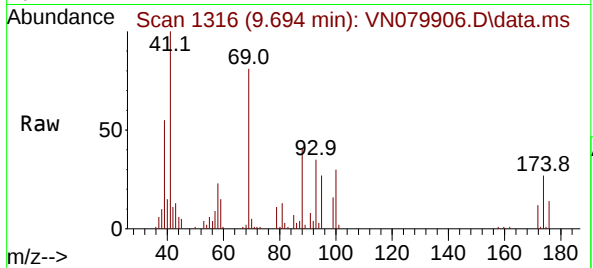
Tgt Ion: 41 Resp: 70216
Ion Ratio Lower Upper
41 100
69 82.1 90.4 135.6#
39 59.2 54.6 81.8





#49
1,4-Dioxane
Concen: 406.554 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

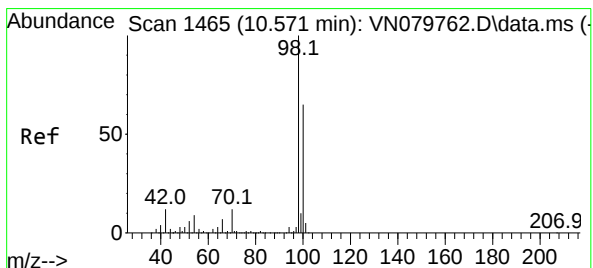
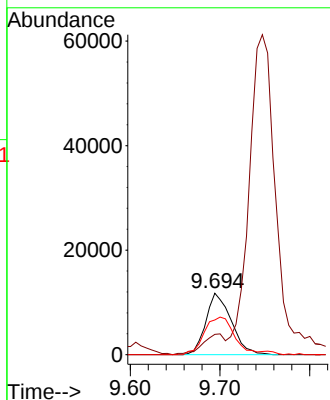
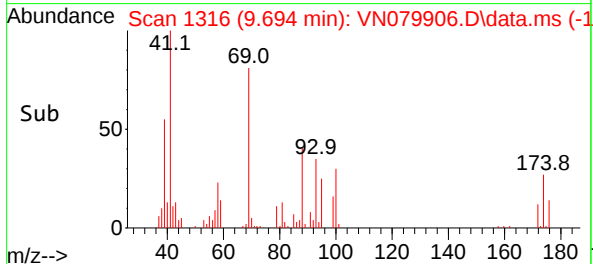
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



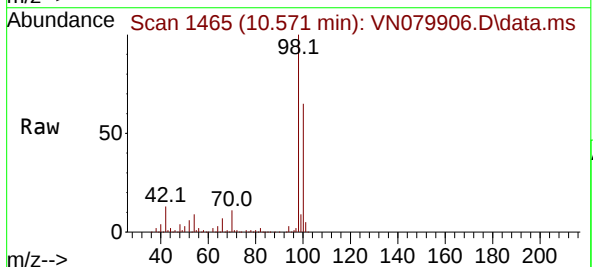
Tgt Ion: 88 Resp: 2311
Ion Ratio Lower Upper
88 100
43 29.3 17.0 25.6
58 74.8 47.0 70.4

Manual Integrations
APPROVED

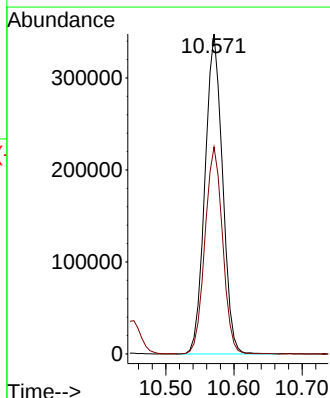
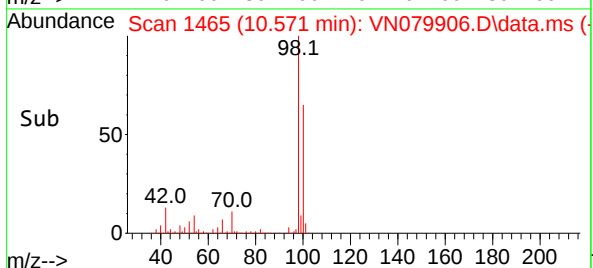
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

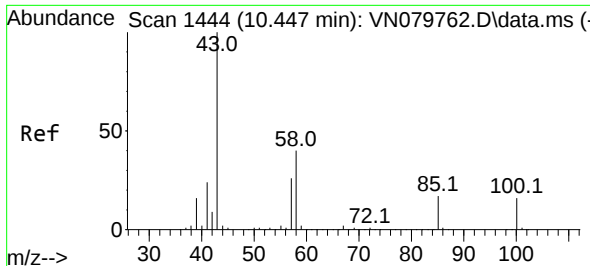


#50
Toluene-d8
Concen: 52.884 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28



Tgt Ion: 98 Resp: 622717
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





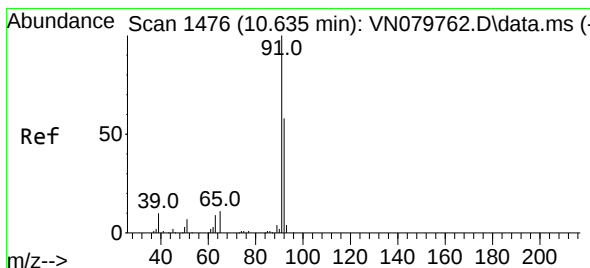
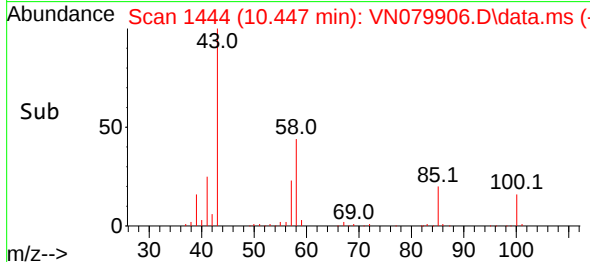
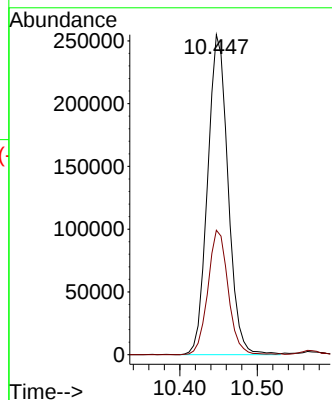
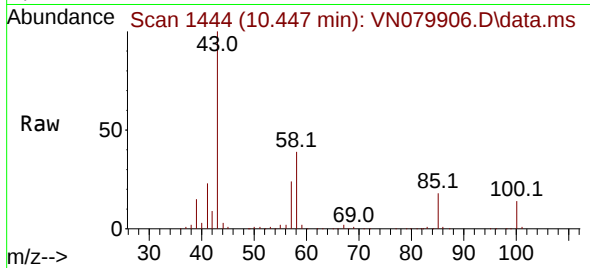
#51
4-Methyl-2-Pentanone
Concen: 112.950 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01

Tgt Ion: 43 Resp: 46709
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8

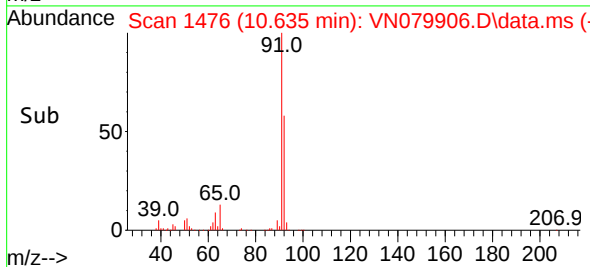
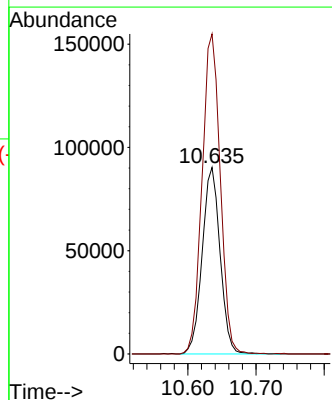
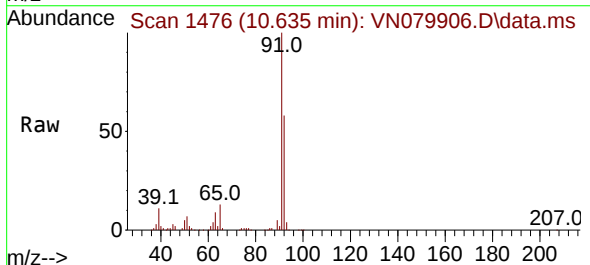
Manual Integrations
APPROVED

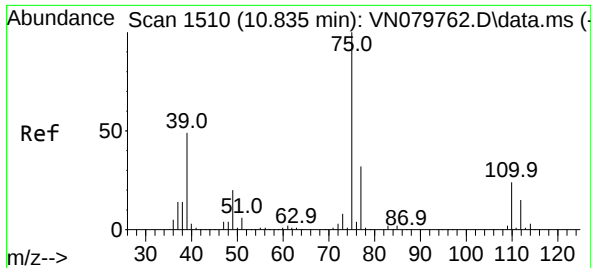
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 20.299 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 92 Resp: 164617
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0





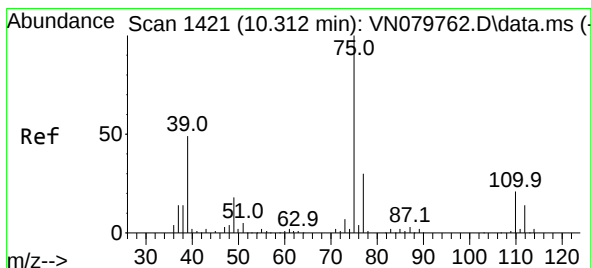
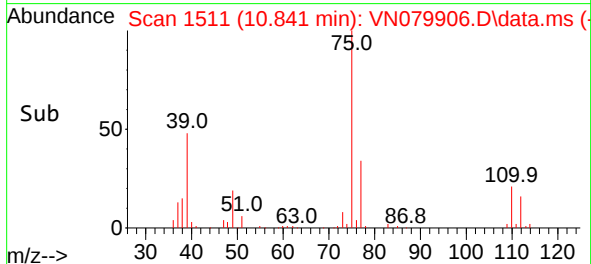
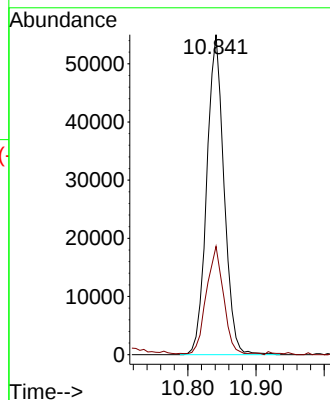
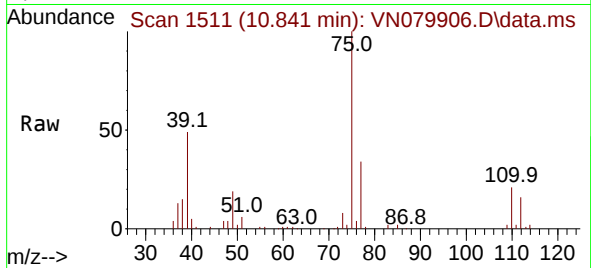
#53
t-1,3-Dichloropropene
Concen: 19.417 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 75 Resp: 96898
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0

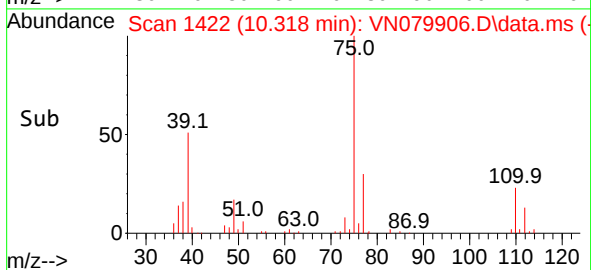
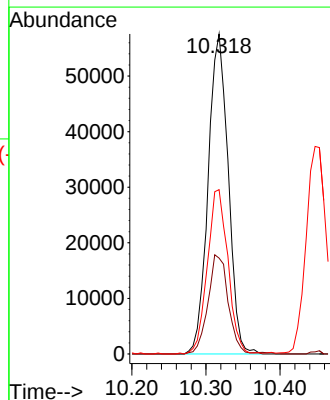
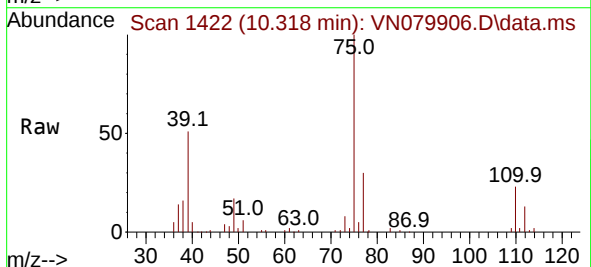
Manual Integrations
APPROVED

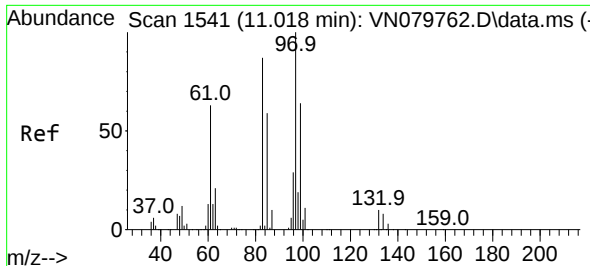
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#54
cis-1,3-Dichloropropene
Concen: 19.942 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

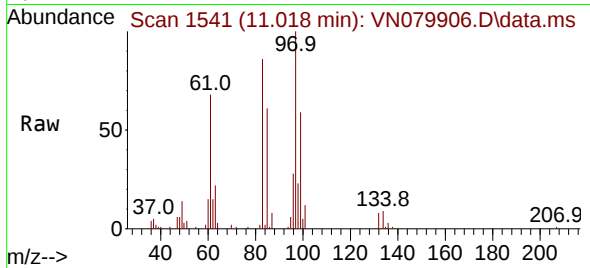
Tgt Ion: 75 Resp: 108476
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1
39 51.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 21.426 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

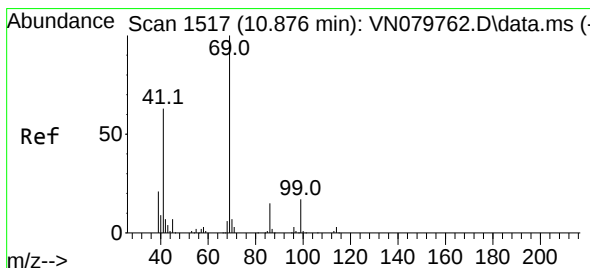
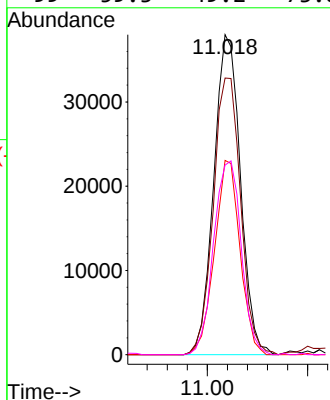
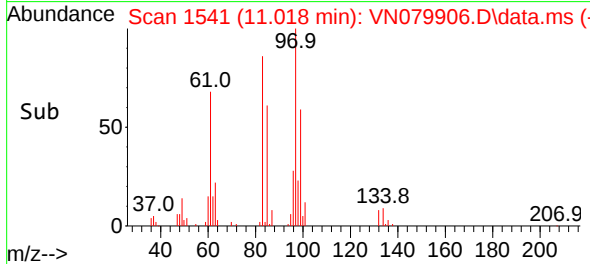
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.1	97.7
85	60.7	43.4	65.2
99	59.3	49.2	73.8

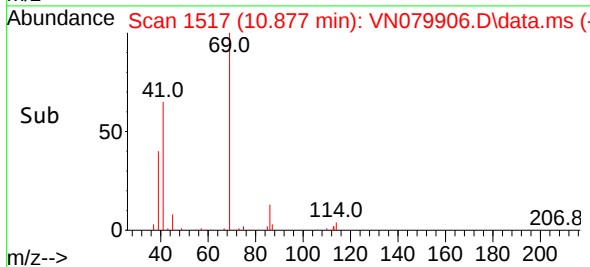
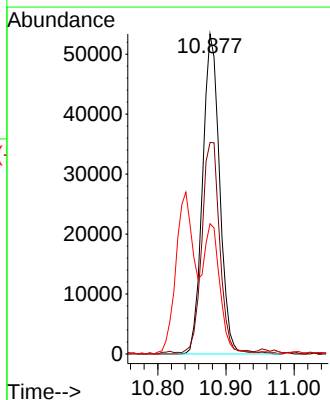
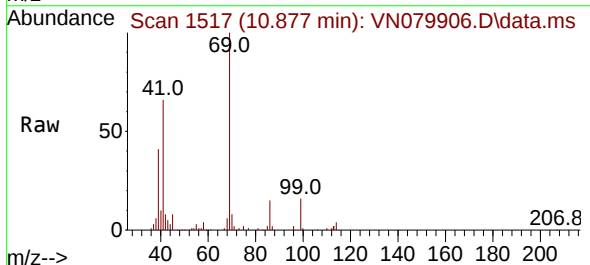
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 20.011 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	39.6	59.4
39	39.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 21.547 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 76 Resp: 12388

Ion Ratio Lower Upper

76 100

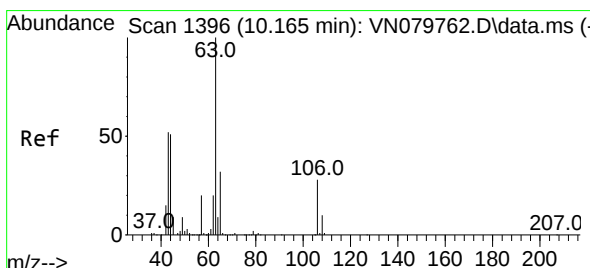
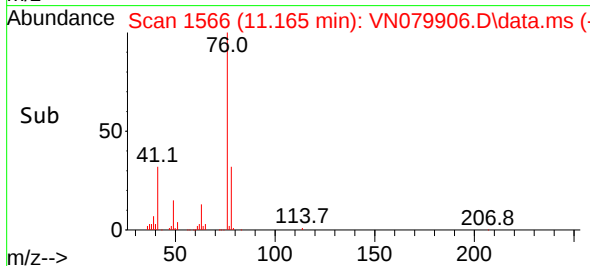
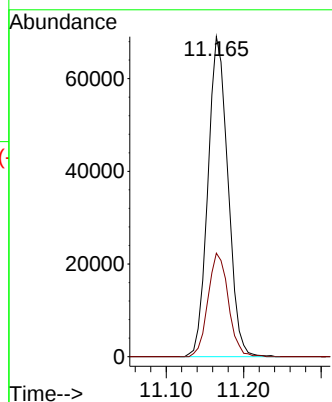
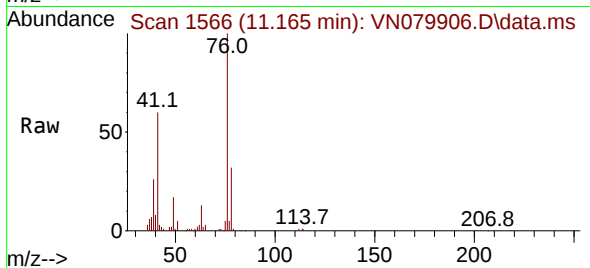
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.497 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079906.D

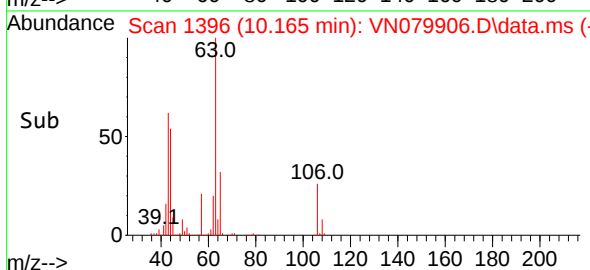
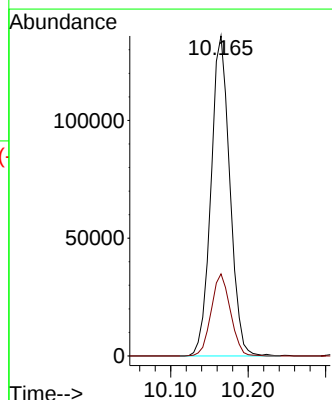
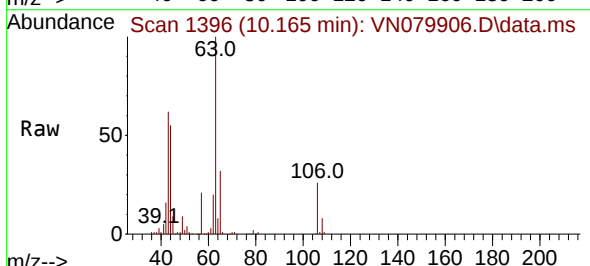
Acq: 04 Nov 2023 20:28

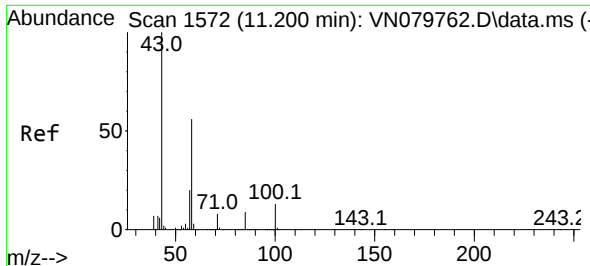
Tgt Ion: 63 Resp: 229907

Ion Ratio Lower Upper

63 100

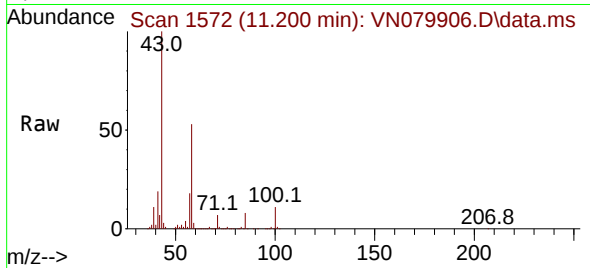
106 26.1 26.2 39.4#





#59
2-Hexanone
Concen: 105.432 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

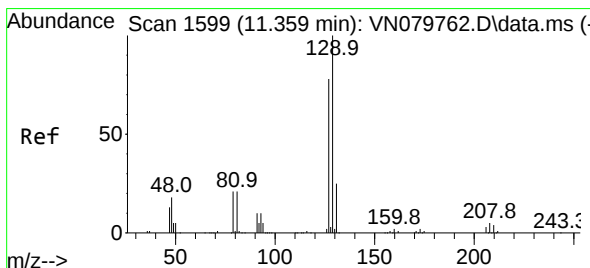
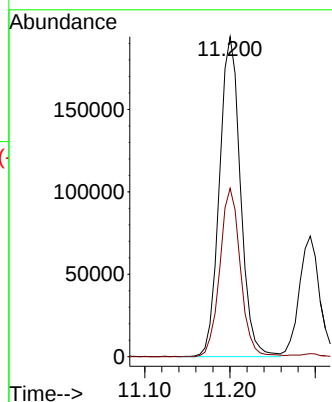
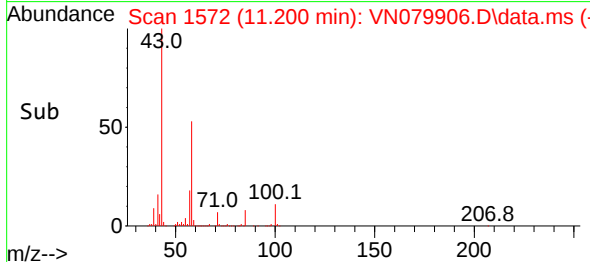
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



Tgt Ion: 43 Resp: 33354
Ion Ratio Lower Upper
43 100
58 51.4 31.7 95.1

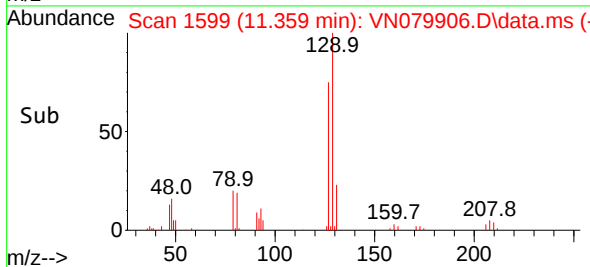
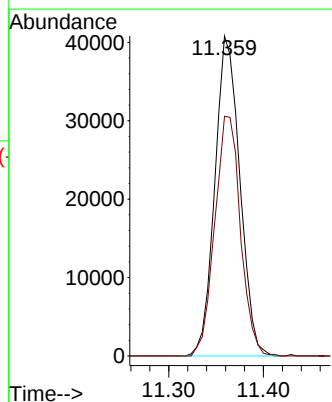
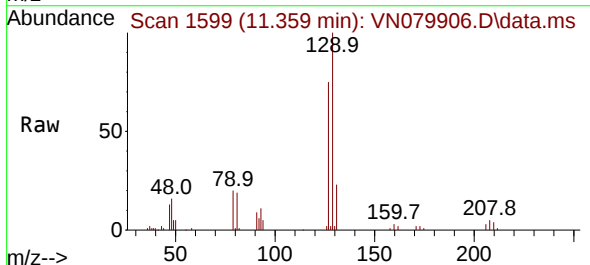
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 21.431 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

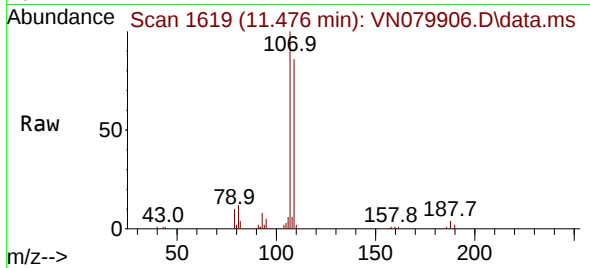
Tgt Ion:129 Resp: 74824
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.579 ug/l
RT: 11.476 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

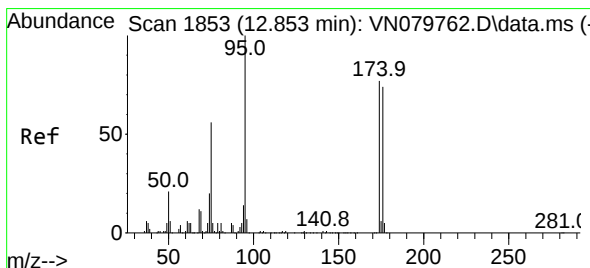
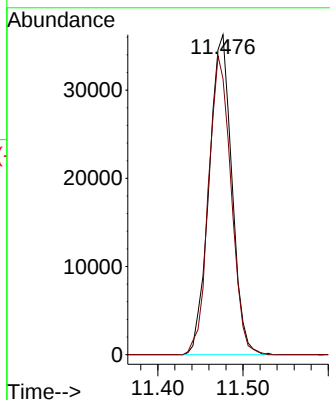
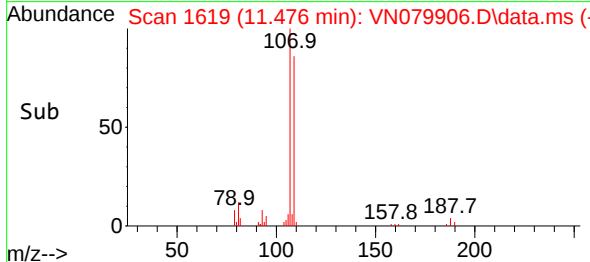
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



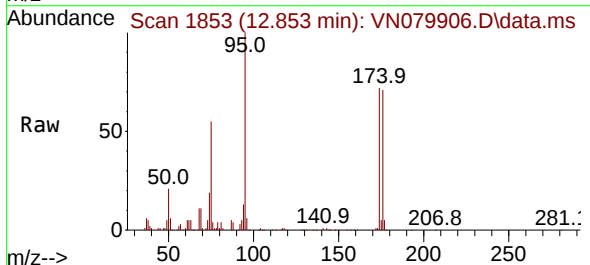
Tgt Ion:107 Resp: 67372
Ion Ratio Lower Upper
107 100
109 92.5 76.6 114.8

Manual Integrations
APPROVED

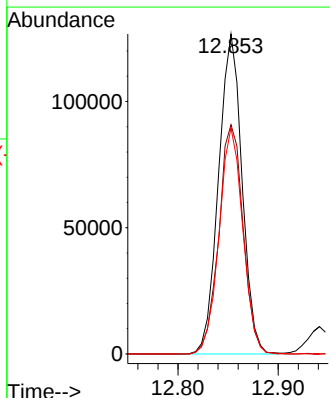
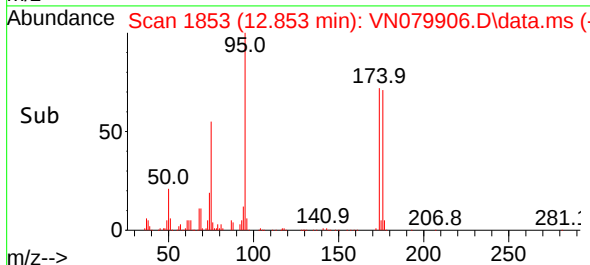
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

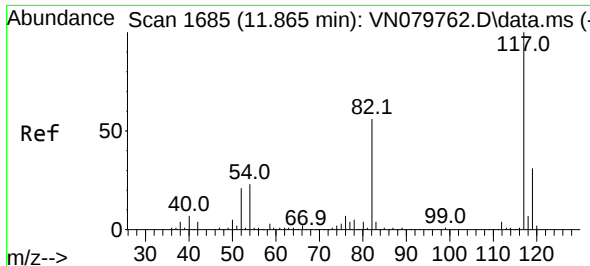


#62
4-Bromofluorobenzene
Concen: 52.723 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28



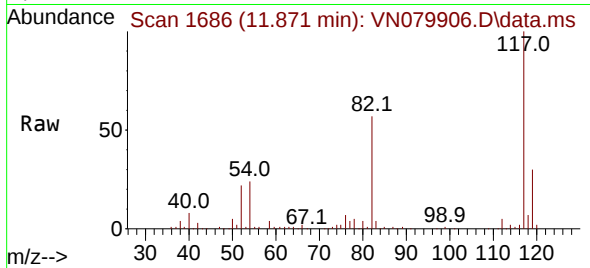
Tgt Ion: 95 Resp: 205895
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

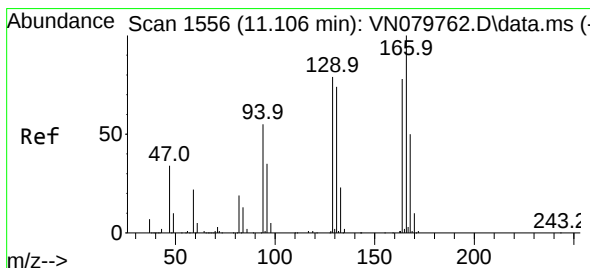
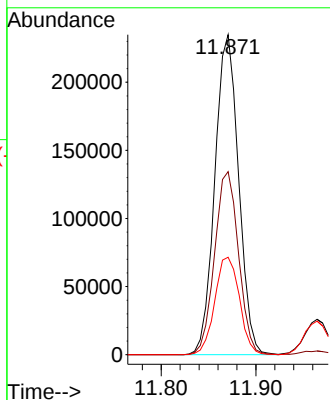
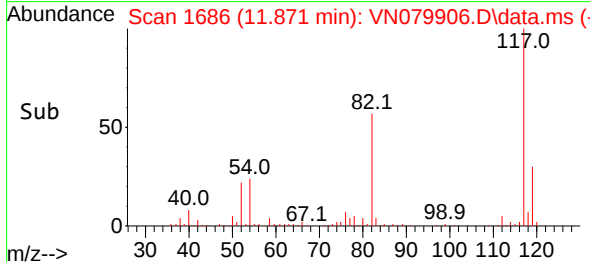
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



Tgt Ion:117 Resp: 409708
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 30.5 25.6 38.4

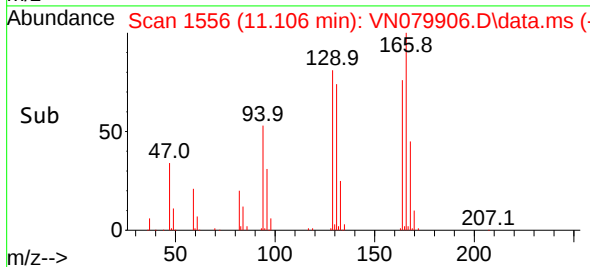
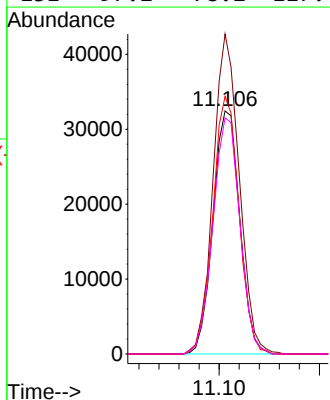
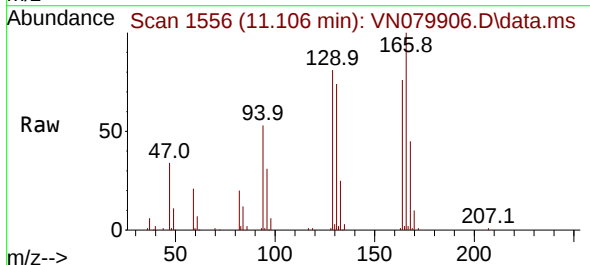
Manual Integrations
APPROVED

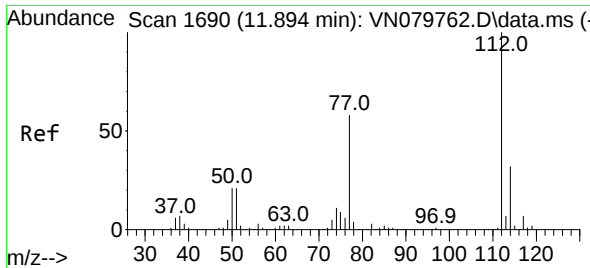
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 22.584 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

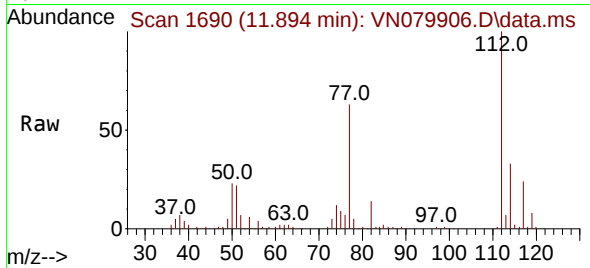
Tgt Ion:164 Resp: 59927
Ion Ratio Lower Upper
164 100
166 131.7 101.4 152.0
129 106.0 82.4 123.6
131 97.2 78.2 117.4





#65
Chlorobenzene
Concen: 19.115 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

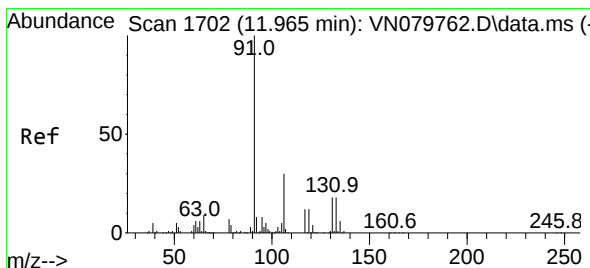
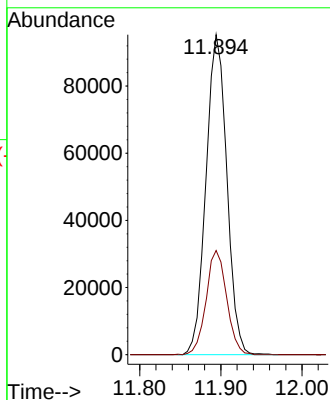
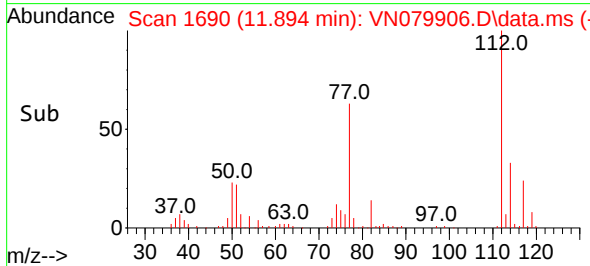
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



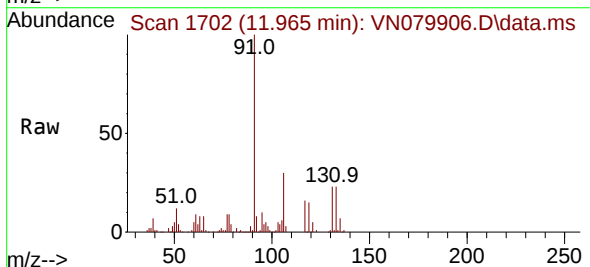
Tgt Ion:112 Resp: 16988
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

Manual Integrations
APPROVED

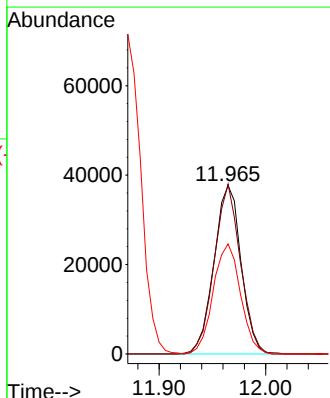
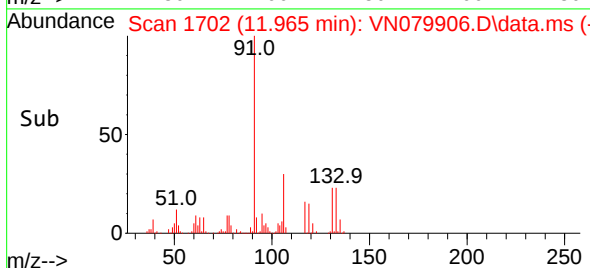
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

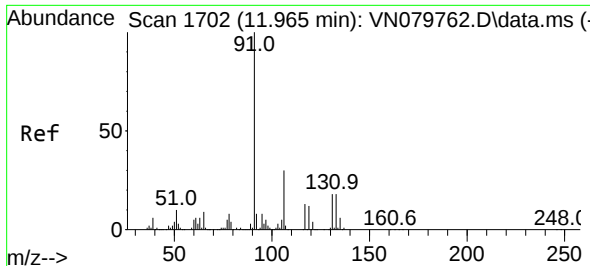


#66
1,1,1,2-Tetrachloroethane
Concen: 20.755 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28



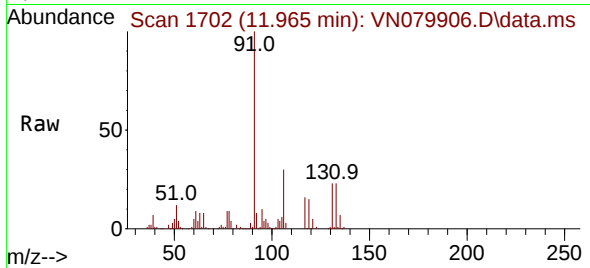
Tgt Ion:131 Resp: 66457
Ion Ratio Lower Upper
131 100
133 97.8 46.4 139.1
119 65.9 34.1 102.2





#67
Ethyl Benzene
Concen: 18.547 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

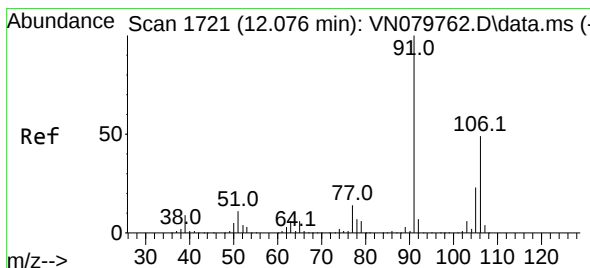
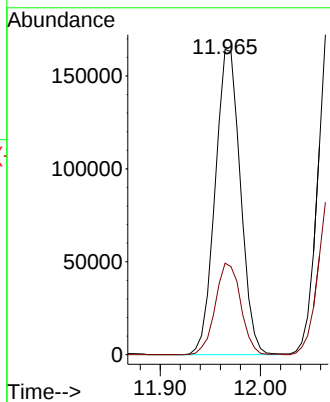
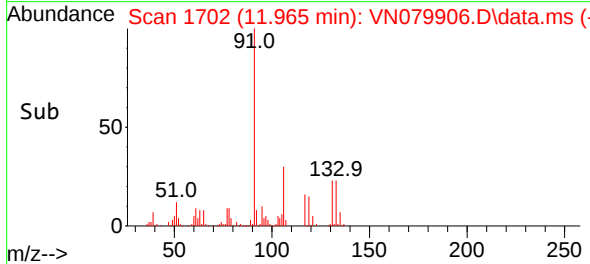
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



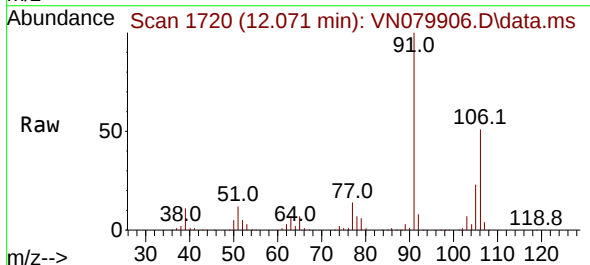
Tgt Ion: 91 Resp: 28717
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

Manual Integrations
APPROVED

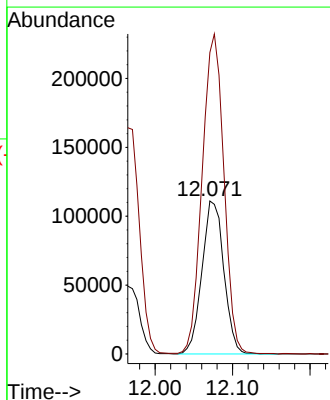
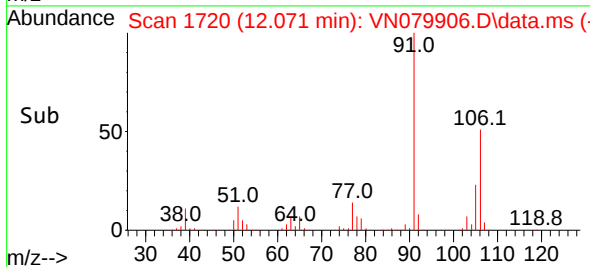
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

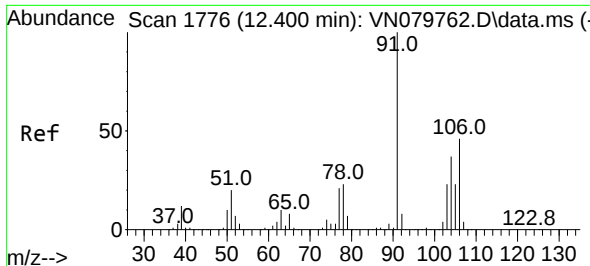


#68
m/p-Xylenes
Concen: 37.687 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28



Tgt Ion:106 Resp: 217381
Ion Ratio Lower Upper
106 100
91 208.1 159.6 239.4





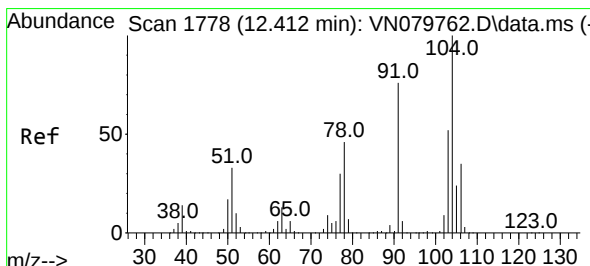
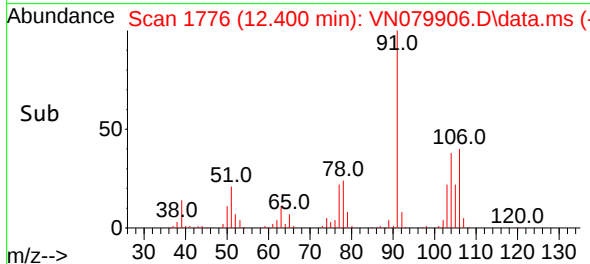
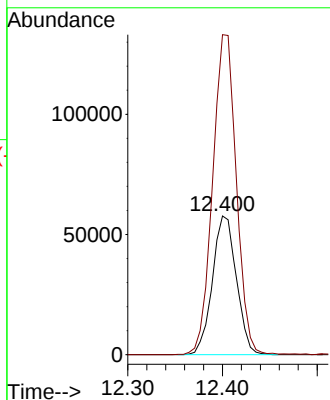
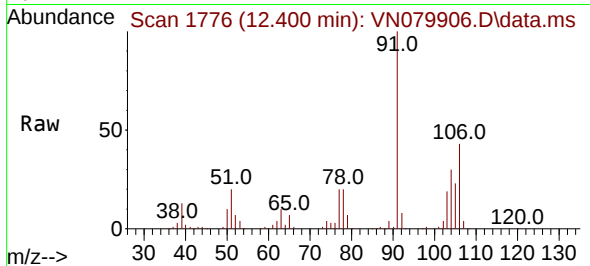
#69
o-Xylene
Concen: 18.257 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:106 Resp: 101404
Ion Ratio Lower Upper
106 100
91 228.8 105.2 315.5

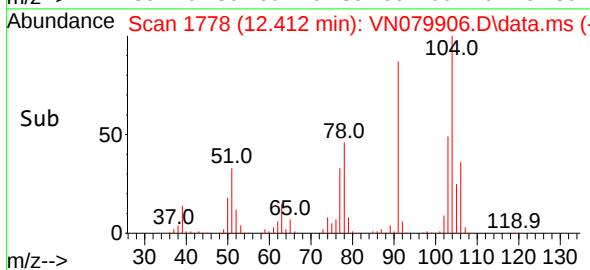
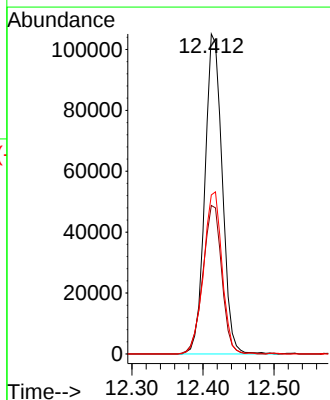
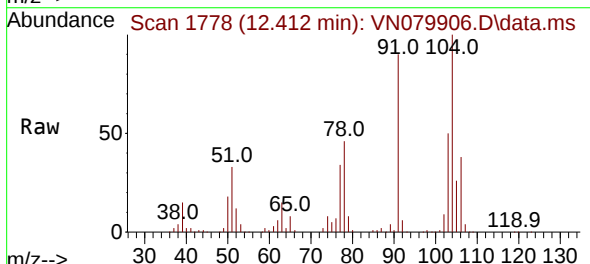
Manual Integrations
APPROVED

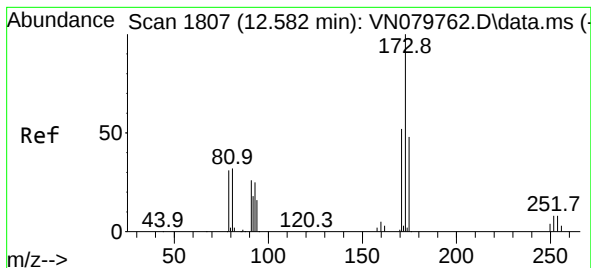
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 19.998 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion:104 Resp: 178512
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 54.0 43.2 64.8





#71

Bromoform

Concen: 20.957 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBSD01

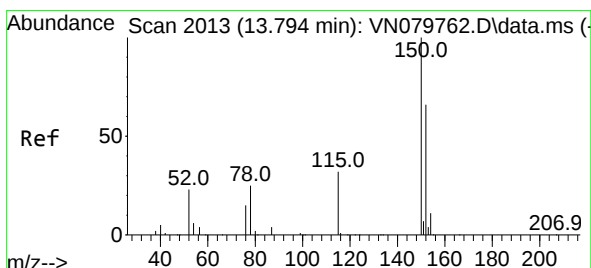
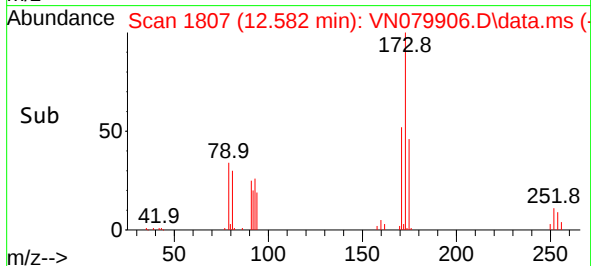
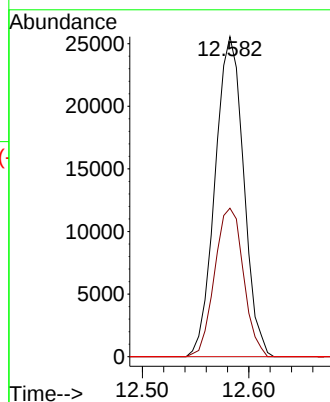
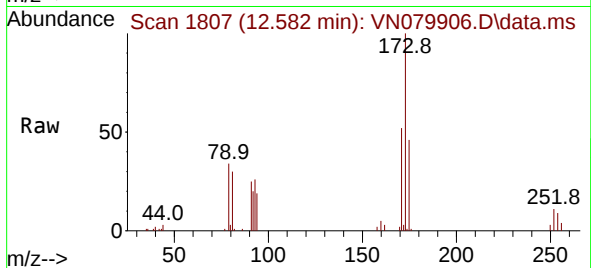
Tgt Ion:	173	Resp:	47650
Ion Ratio	Lower	Upper	
173	100		
175	46.7	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

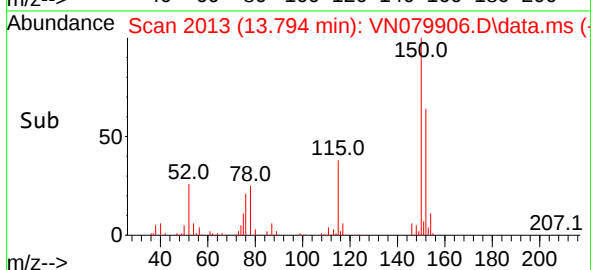
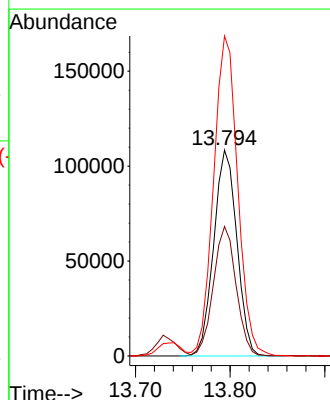
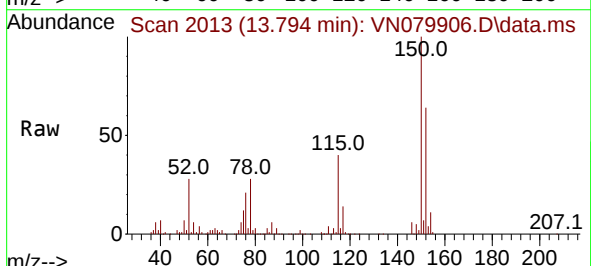
RT: 13.794 min Scan# 2013

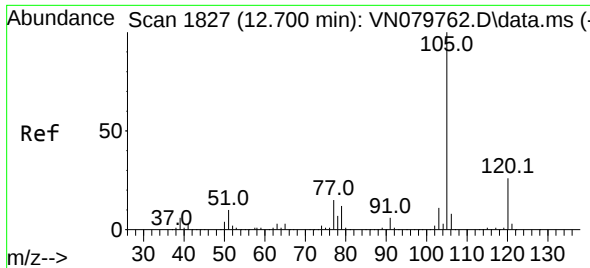
Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Tgt Ion:	152	Resp:	184333
Ion Ratio	Lower	Upper	
152	100		
115	61.9	32.3	96.8
150	161.4	0.0	355.8





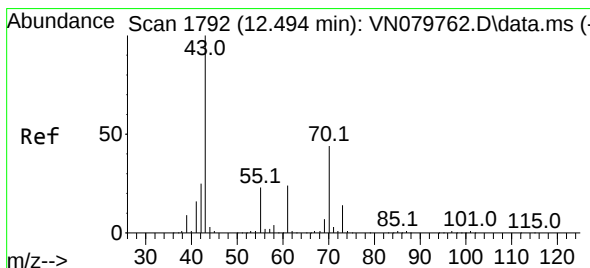
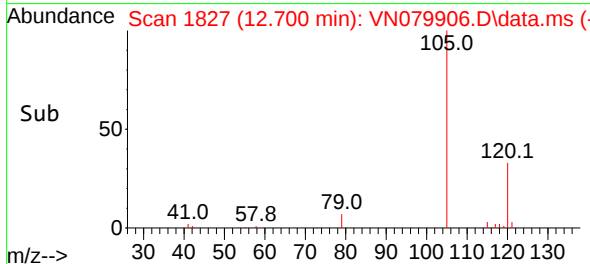
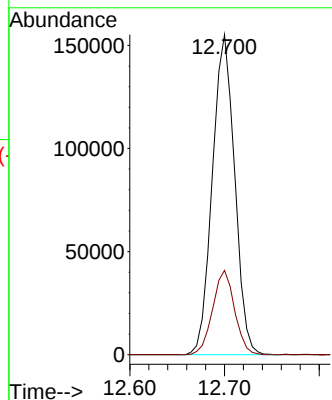
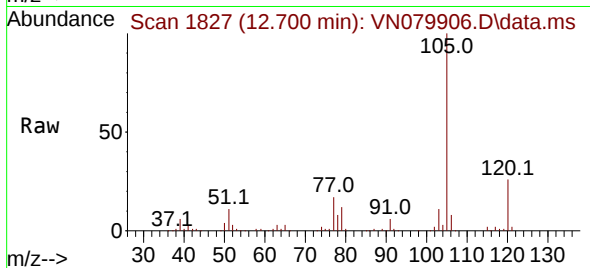
#73
Isopropylbenzene
Concen: 18.142 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01

Tgt Ion:105 Resp: 253800
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

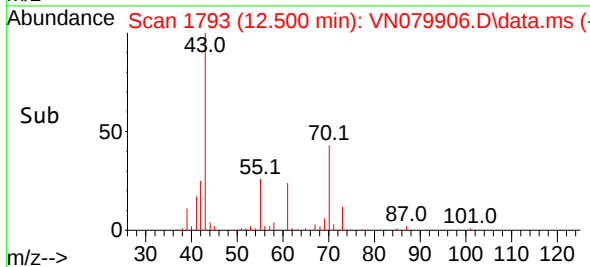
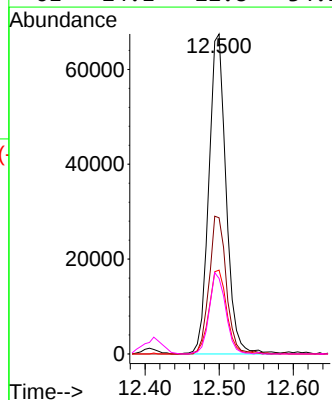
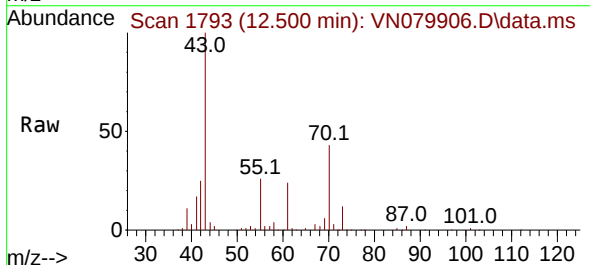
Manual Integrations
APPROVED

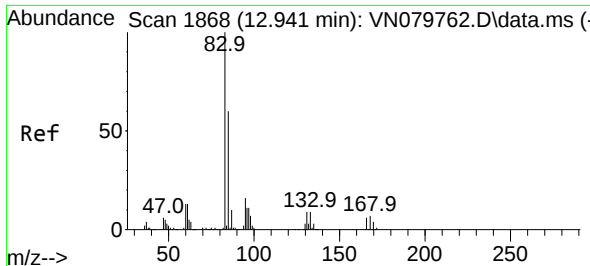
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 17.883 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

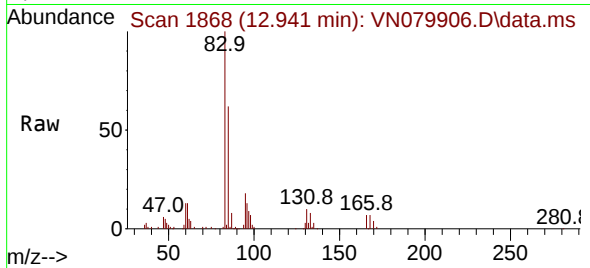
Tgt Ion: 43 Resp: 109200
Ion Ratio Lower Upper
43 100
70 42.9 43.4 65.2#
55 26.8 21.4 32.0
61 24.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.899 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

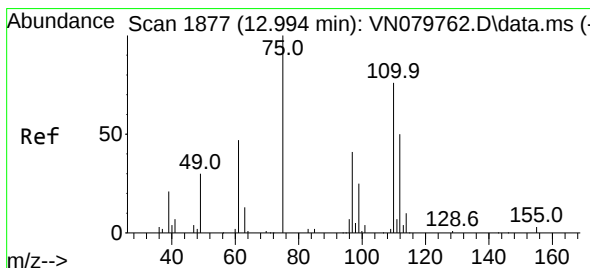
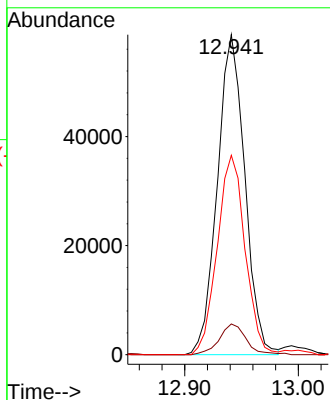
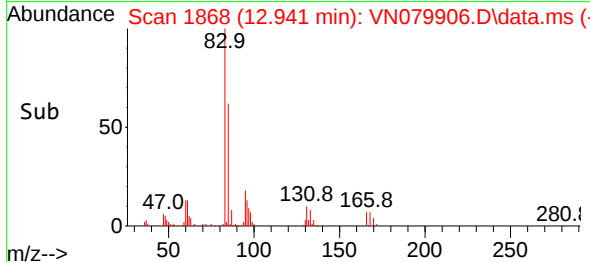
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



Tgt Ion: 83 Resp: 9870
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.1 31.9 95.7

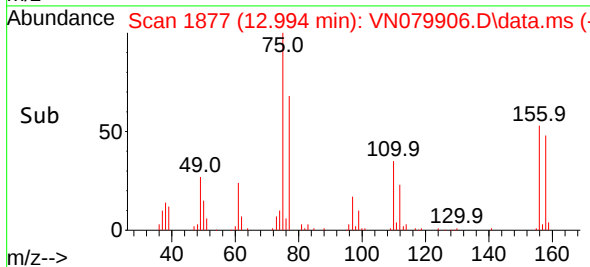
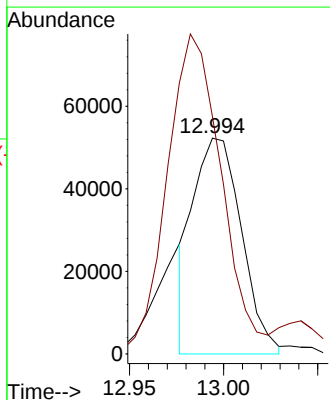
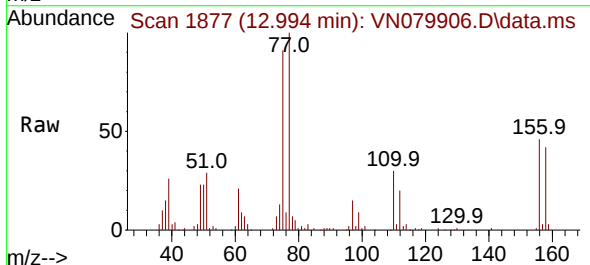
Manual Integrations
APPROVED

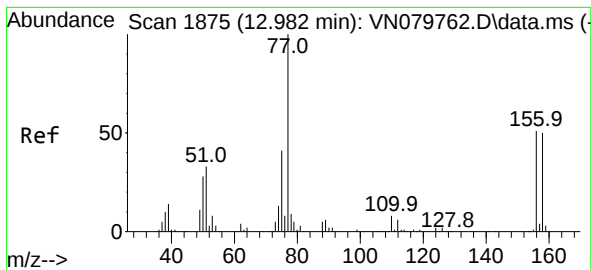
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 21.594 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 75 Resp: 93449
Ion Ratio Lower Upper
75 100
77 166.4 84.5 253.5





#77

Bromobenzene

Concen: 19.880 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion:156 Resp: 6809

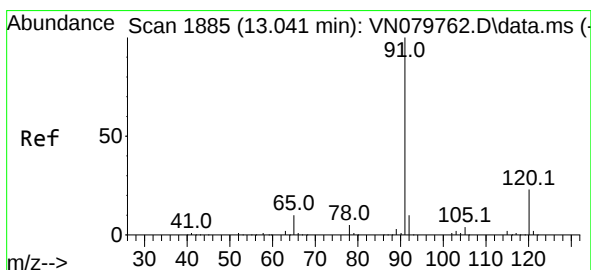
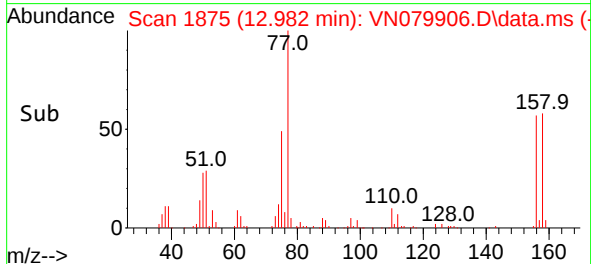
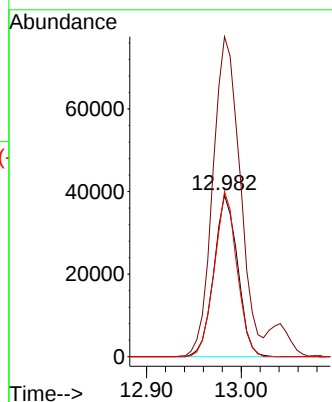
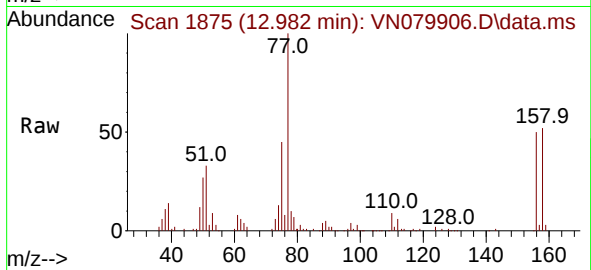
Ion	Ratio	Lower	Upper
156	100		
77	228.4	107.7	323.3
158	97.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#78

n-propylbenzene

Concen: 18.752 ug/l

RT: 13.041 min Scan# 1885

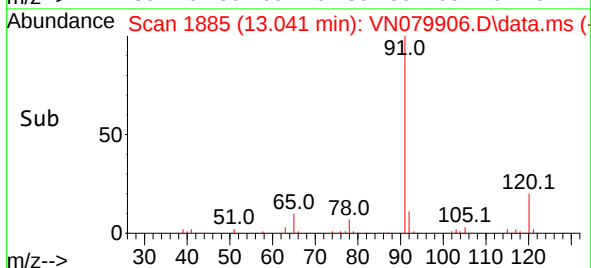
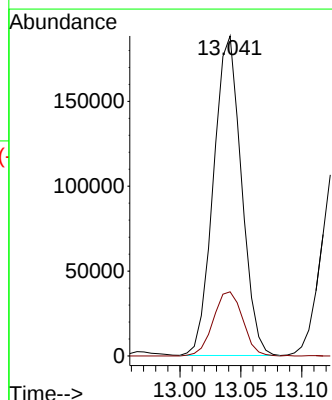
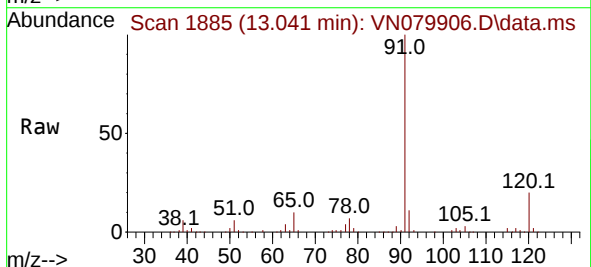
Delta R.T. 0.000 min

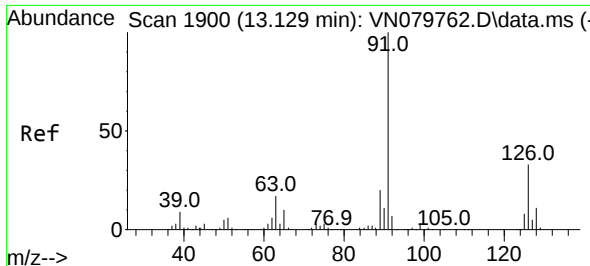
Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Tgt Ion: 91 Resp: 300423

Ion	Ratio	Lower	Upper
91	100		
120	21.2	11.5	34.4





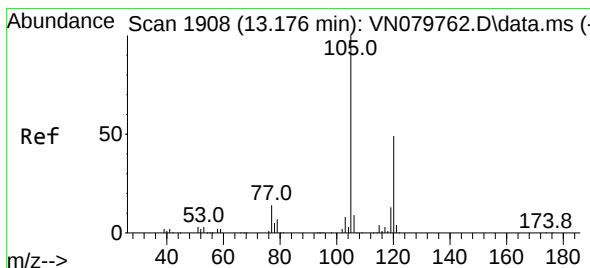
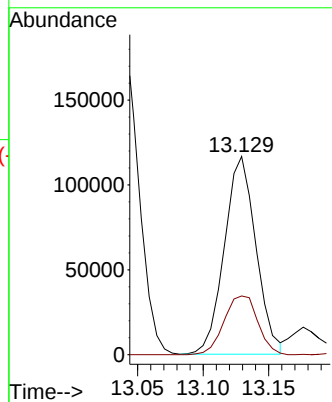
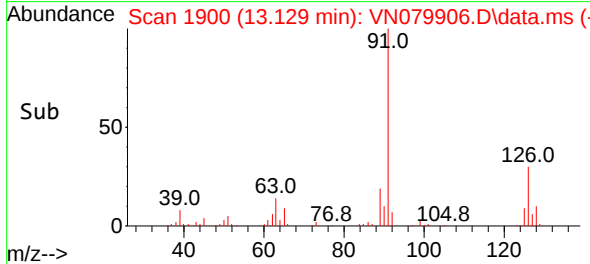
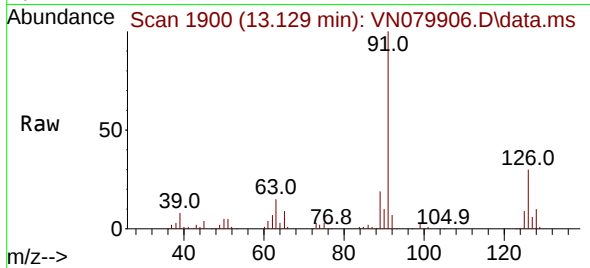
#79
2-Chlorotoluene
Concen: 19.108 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01

Tgt Ion: 91 Resp: 19556
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

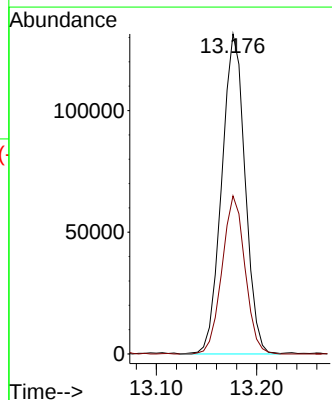
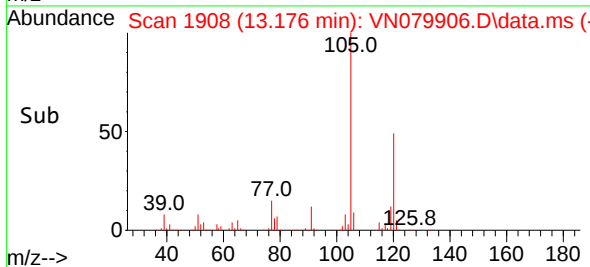
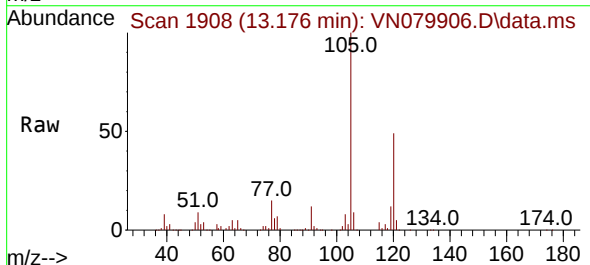
Manual Integrations
APPROVED

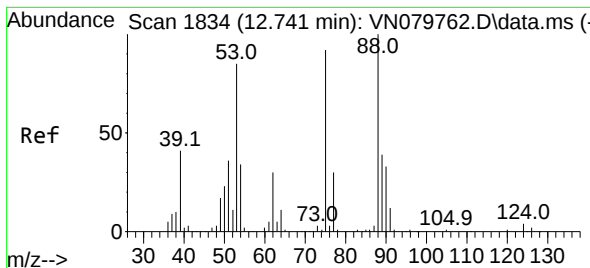
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.477 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion:105 Resp: 211992
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





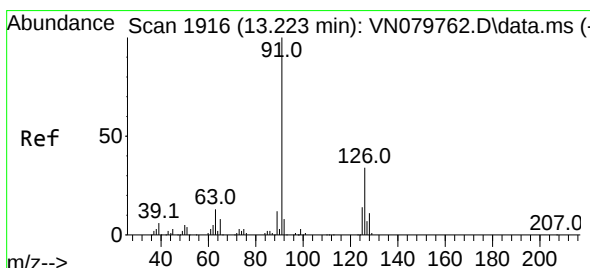
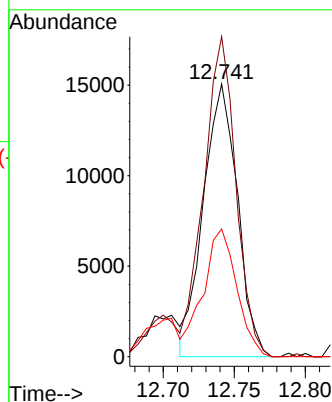
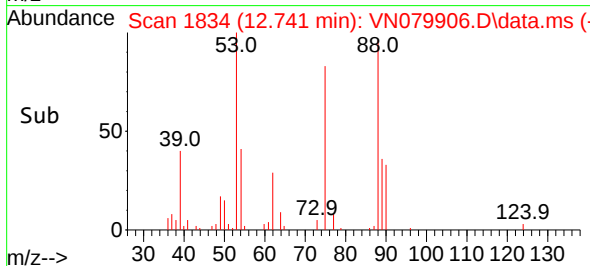
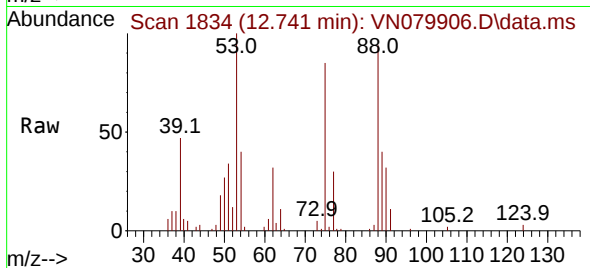
#81
trans-1,4-Dichloro-2-butene
Concen: 15.795 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion: 75 Resp: 25124
Ion Ratio Lower Upper
75 100
53 110.8 67.4 101.2
89 46.6 38.8 58.2

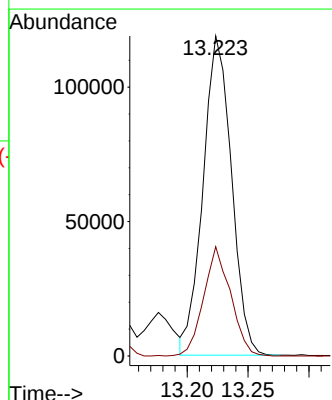
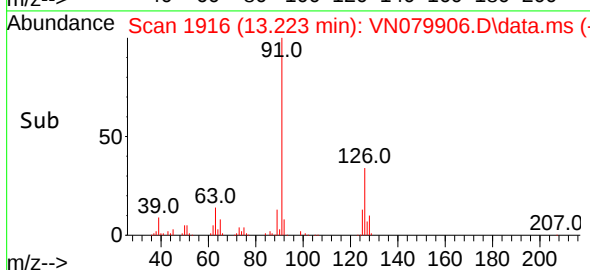
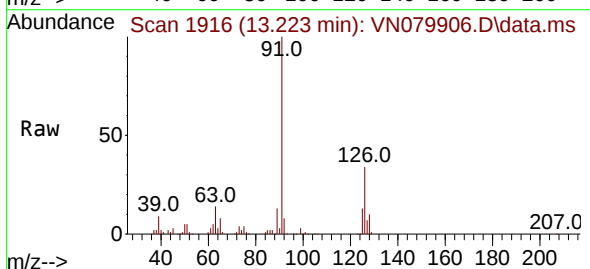
Manual Integrations
APPROVED

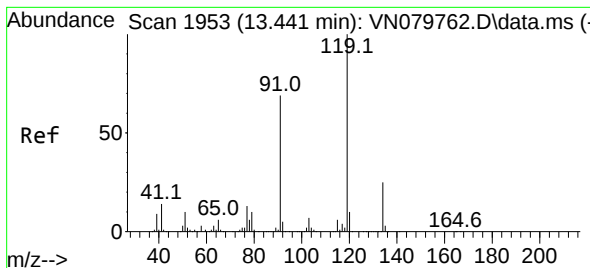
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 19.017 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Tgt Ion: 91 Resp: 193405
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





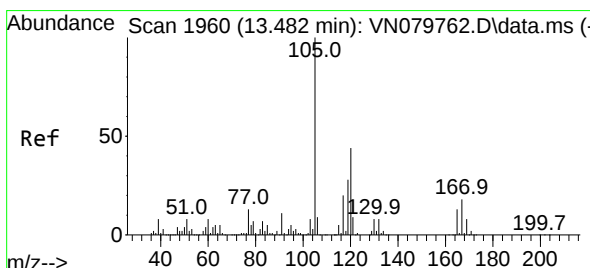
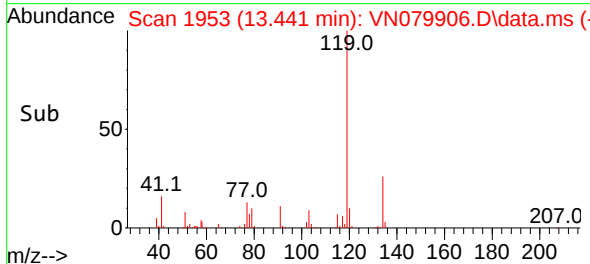
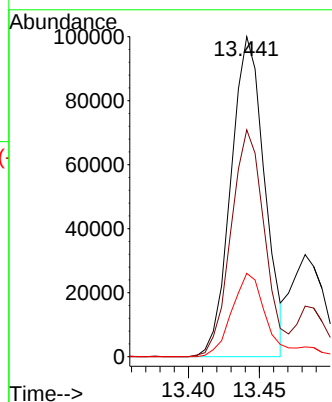
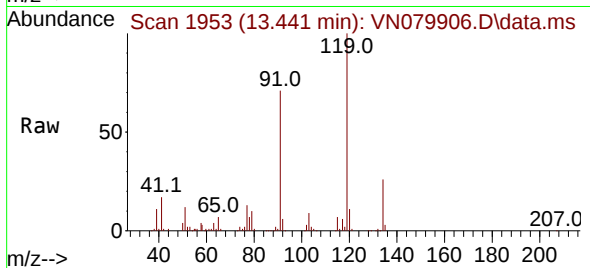
#83
tert-Butylbenzene
Concen: 18.496 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01

Tgt Ion:119 Resp: 164792
Ion Ratio Lower Upper
119 100
91 71.4 33.9 101.7
134 27.9 13.2 39.6

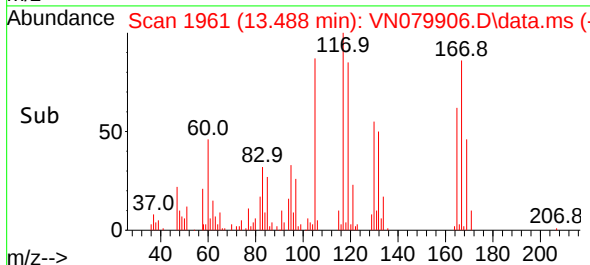
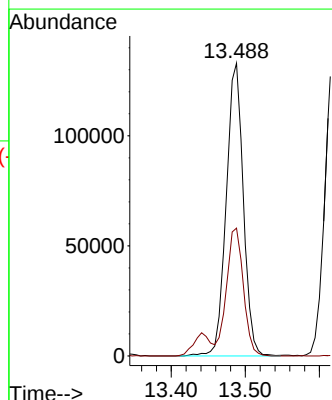
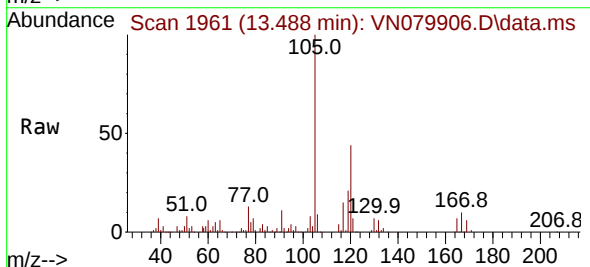
Manual Integrations
APPROVED

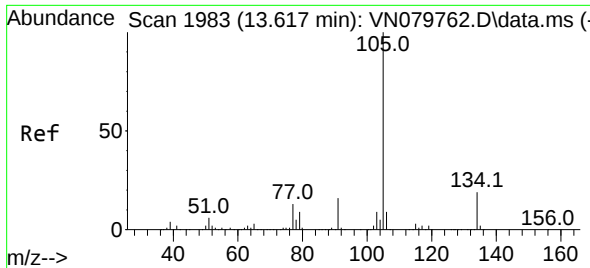
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.863 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

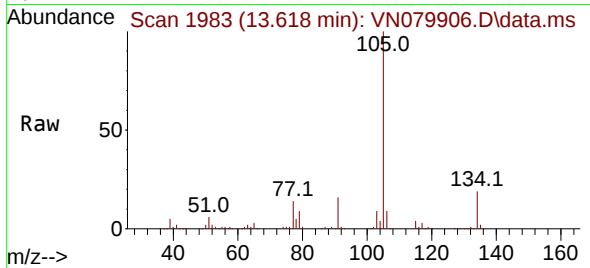
Tgt Ion:105 Resp: 212710
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.195 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079906.D
 Acq: 04 Nov 2023 20:28

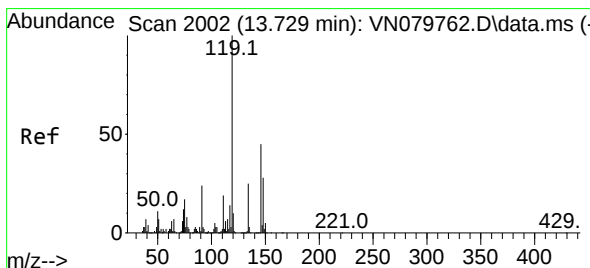
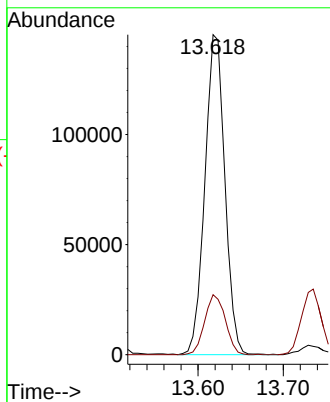
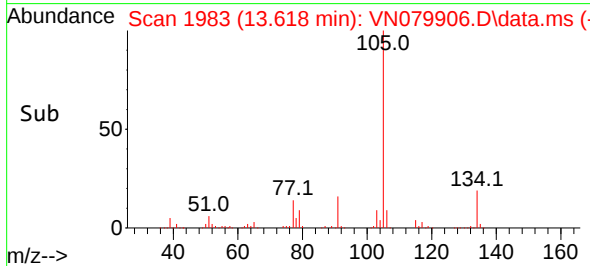
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104MBSD01



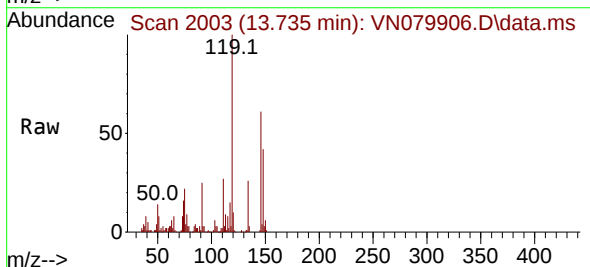
Tgt Ion:105 Resp: 23693
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

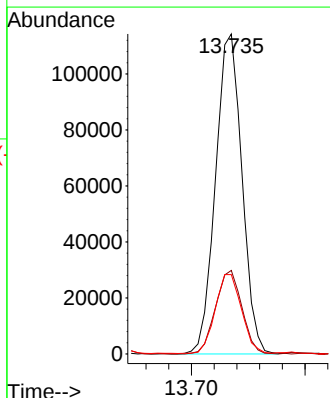
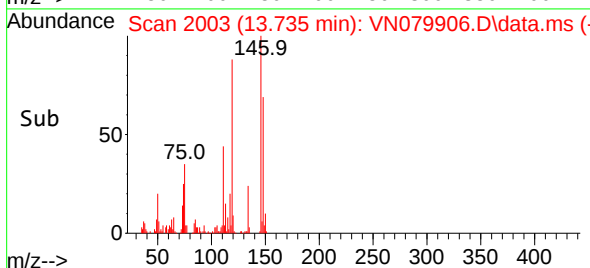
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023

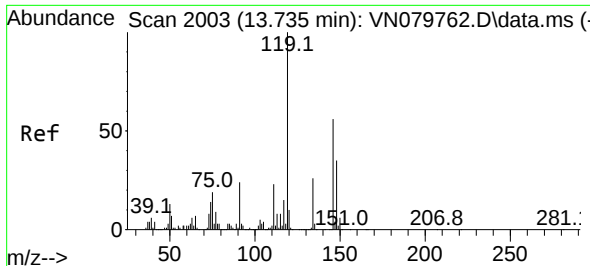


#86
 p-Isopropyltoluene
 Concen: 18.368 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN079906.D
 Acq: 04 Nov 2023 20:28



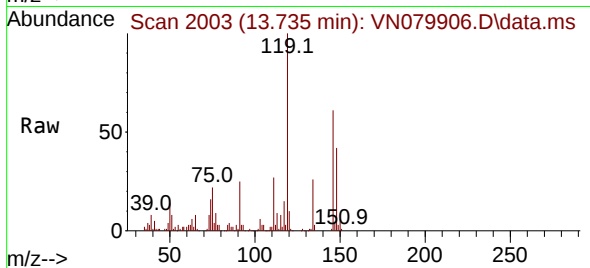
Tgt Ion:119 Resp: 184857
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.517 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

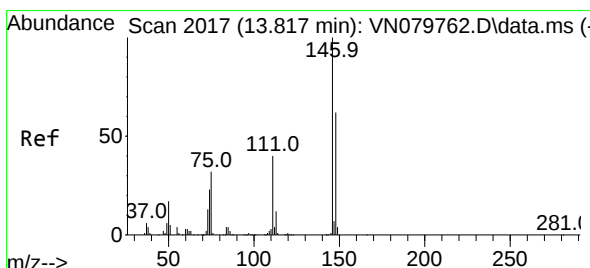
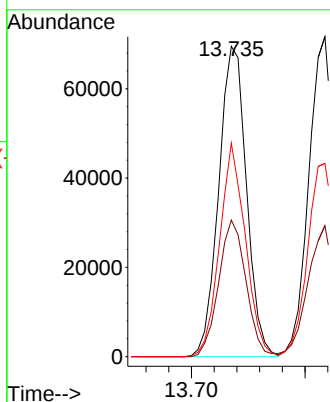
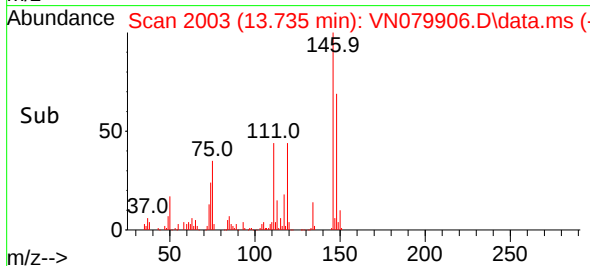
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01



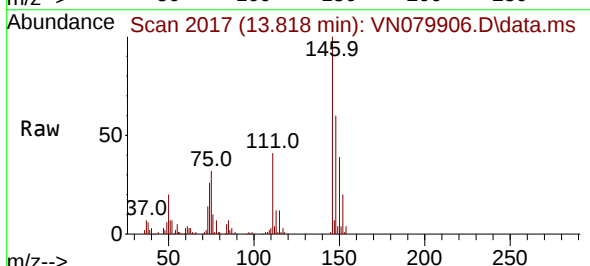
Tgt Ion:146 Resp: 117980
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.3
148 64.0 32.0 96.0

Manual Integrations
APPROVED

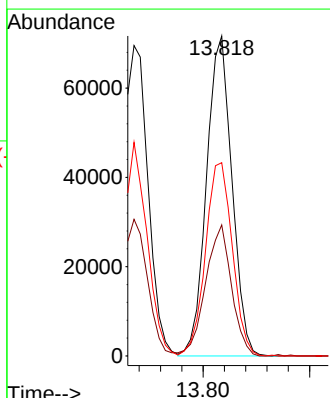
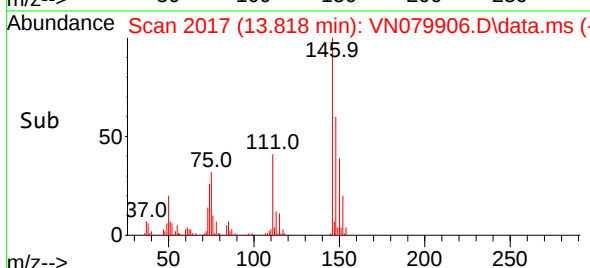
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

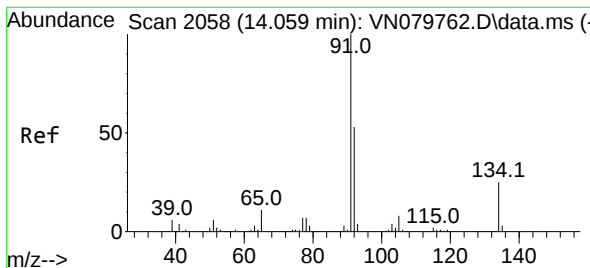


#88
1,4-Dichlorobenzene
Concen: 18.356 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28



Tgt Ion:146 Resp: 118714
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 17.505 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion: 91 Resp: 151734

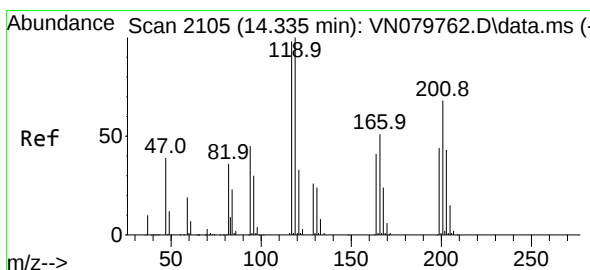
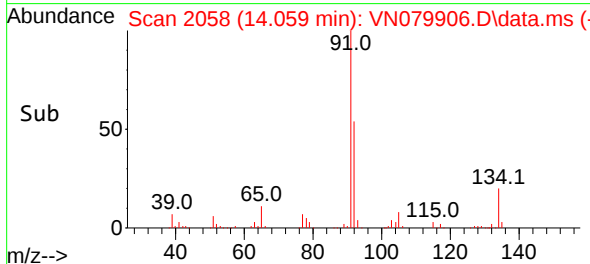
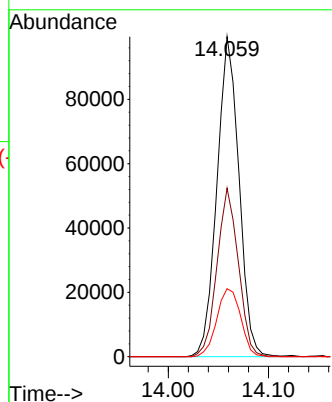
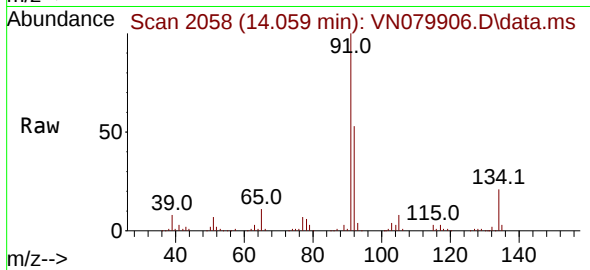
Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.4	79.0
134	23.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#90

Hexachloroethane

Concen: 19.168 ug/l

RT: 14.335 min Scan# 2105

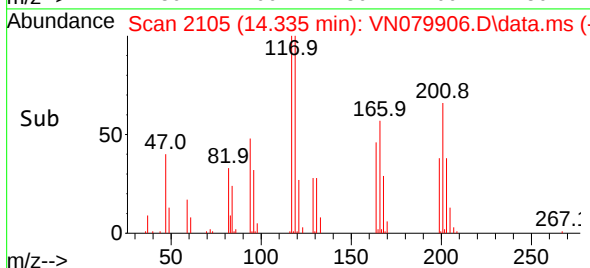
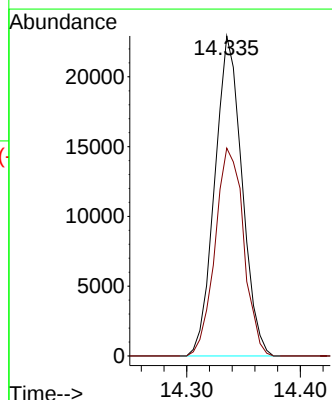
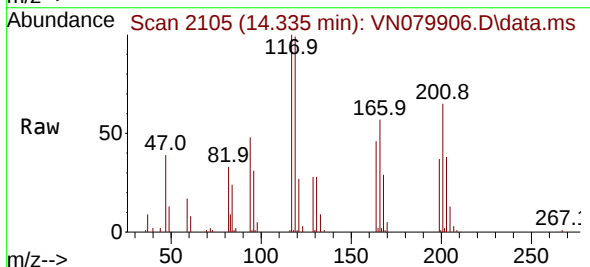
Delta R.T. 0.000 min

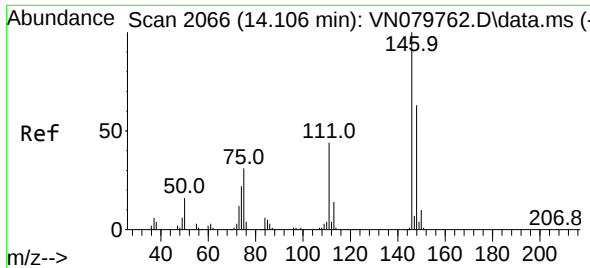
Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Tgt Ion:117 Resp: 38203

Ion	Ratio	Lower	Upper
117	100		
201	68.0	29.3	88.0





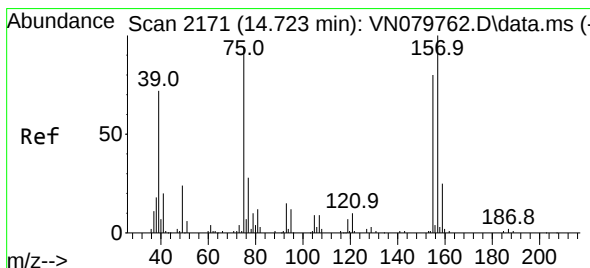
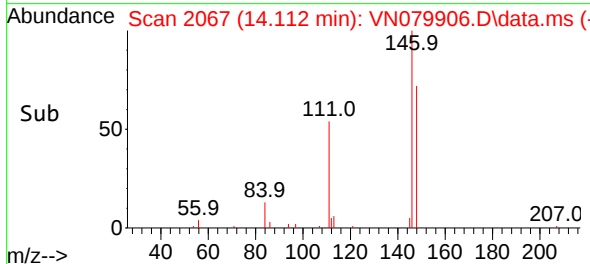
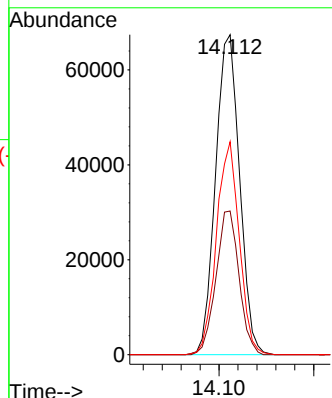
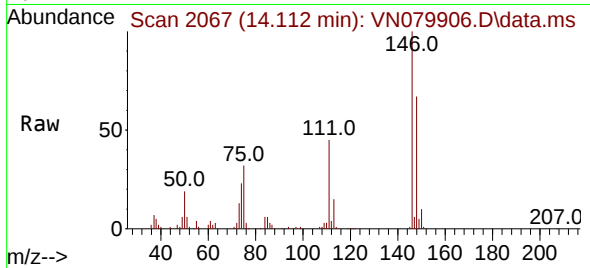
#91
1,2-Dichlorobenzene
Concen: 19.762 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :
VN1104MBSD01

Tgt Ion:146 Resp: 11886
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 63.1 31.8 95.3

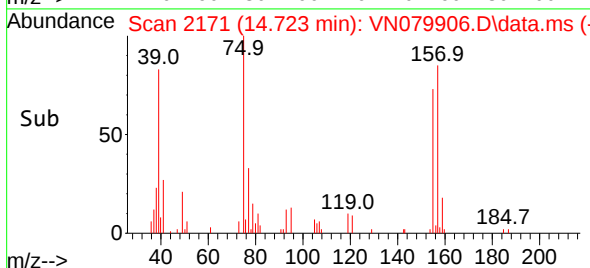
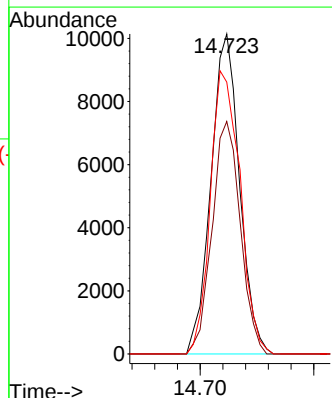
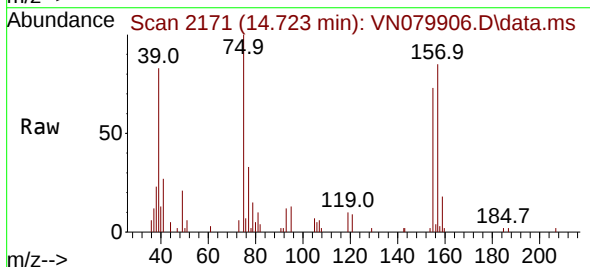
Manual Integrations
APPROVED

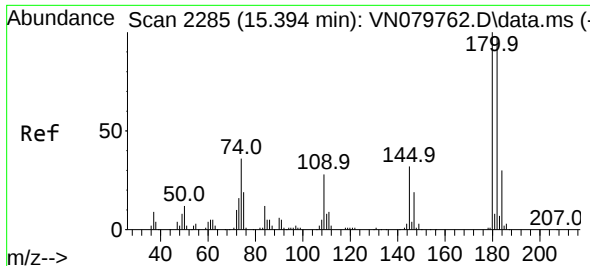
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.073 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

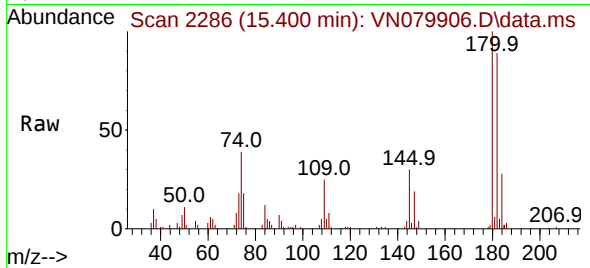
Tgt Ion: 75 Resp: 17726
Ion Ratio Lower Upper
75 100
155 71.8 39.1 117.2
157 91.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.177 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28

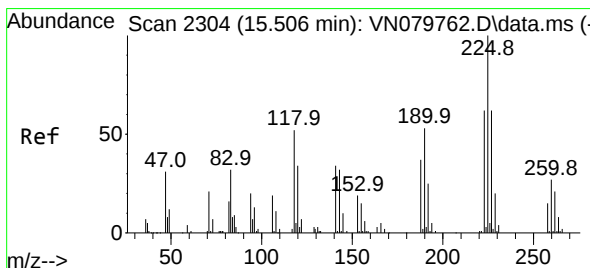
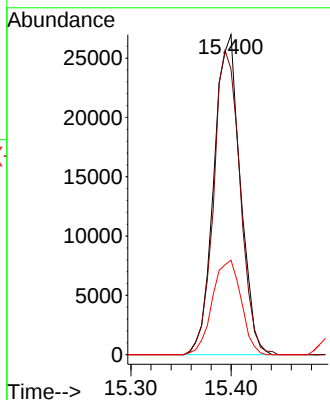
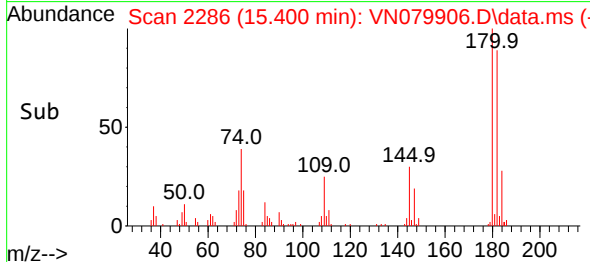
Instrument :
MSVOA_N
ClientSampleId :
VN1104MBS01



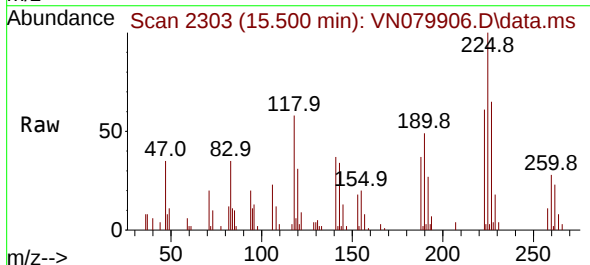
Tgt Ion:180 Resp: 49120
Ion Ratio Lower Upper
180 100
182 95.5 46.1 138.2
145 32.1 16.6 49.8

Manual Integrations
APPROVED

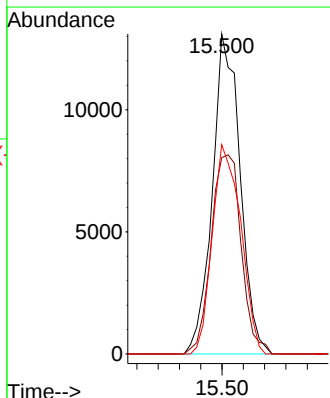
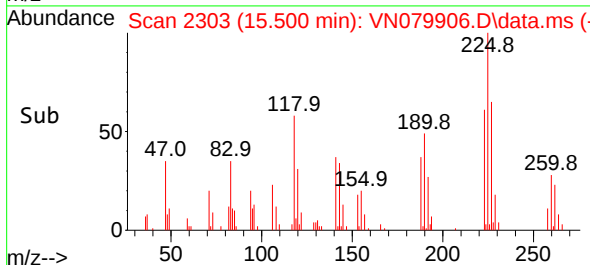
Reviewed By :John Carbone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

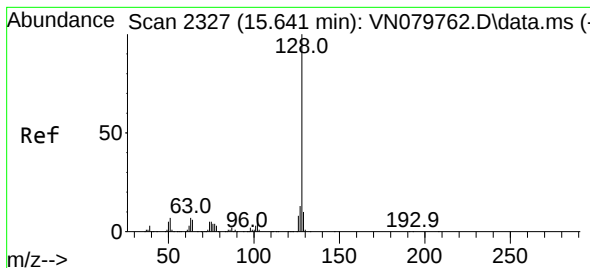


#94
Hexachlorobutadiene
Concen: 18.238 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079906.D
Acq: 04 Nov 2023 20:28



Tgt Ion:225 Resp: 23646
Ion Ratio Lower Upper
225 100
223 67.4 31.3 93.8
227 67.2 31.9 95.9





#95

Naphthalene

Concen: 15.142 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

VN1104MBS01

Tgt Ion:128 Resp: 146860

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

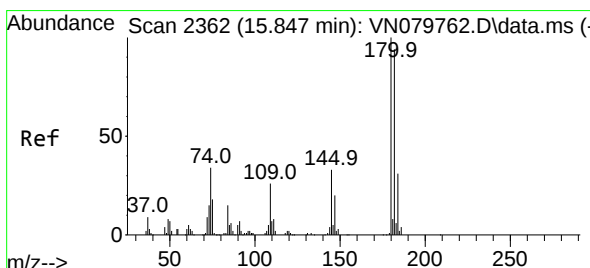
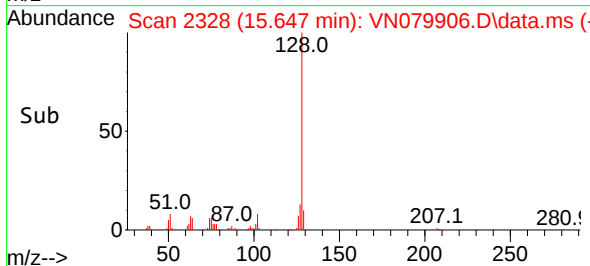
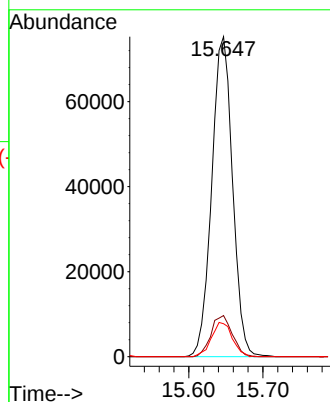
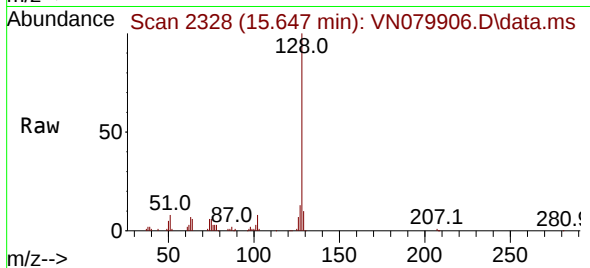
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.013 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079906.D

Acq: 04 Nov 2023 20:28

Tgt Ion:180 Resp: 50498

Ion Ratio Lower Upper

180 100

182 94.0 46.2 138.6

145 33.6 17.5 52.6

