

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077541.D
 Acq On : 01 May 2023 12:41
 Operator : JC\MD
 Sample : VN0501WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 22:00:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	643414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1218275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1112274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	437673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	369357	43.993	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.980%		
35) Dibromofluoromethane	8.172	113	319201	43.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.180%		
50) Toluene-d8	10.566	98	1269063	45.221	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.440%		
62) 4-Bromofluorobenzene	12.854	95	421035	45.856	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	125704	15.519	ug/l	98
3) Chloromethane	2.372	50	98129	15.215	ug/l	98
4) Vinyl Chloride	2.525	62	134218	15.622	ug/l	100
5) Bromomethane	2.954	94	117713	15.816	ug/l	95
6) Chloroethane	3.131	64	92777	14.213	ug/l	96
7) Trichlorofluoromethane	3.501	101	210327	16.655	ug/l	95
8) Diethyl Ether	3.972	74	74407	16.215	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.384	101	121782	16.582	ug/l	99
10) Methyl Iodide	4.596	142	134607	14.918	ug/l	96
11) Tert butyl alcohol	5.531	59	104344	77.417	ug/l #	87
12) 1,1-Dichloroethene	4.348	96	114240	15.910	ug/l	95
13) Acrolein	4.190	56	116422	86.830	ug/l	99
14) Allyl chloride	5.037	41	115642	14.486	ug/l	88
15) Acrylonitrile	5.731	53	255314	83.501	ug/l	99
16) Acetone	4.431	43	224377	84.003	ug/l	100
17) Carbon Disulfide	4.725	76	253266	13.881	ug/l	98
18) Methyl Acetate	5.031	43	173064	16.778	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	393598	16.483	ug/l	95
20) Methylene Chloride	5.284	84	138322	16.330	ug/l	99
21) trans-1,2-Dichloroethene	5.790	96	121098	15.597	ug/l	93
22) Diisopropyl ether	6.678	45	293031	15.994	ug/l	97
23) Vinyl Acetate	6.613	43	877519	76.692	ug/l	100
24) 1,1-Dichloroethane	6.578	63	213817	16.487	ug/l	99
25) 2-Butanone	7.489	43	313750	82.818	ug/l	99
26) 2,2-Dichloropropane	7.495	77	206704	16.437	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	150126	16.326	ug/l	98
28) Bromochloromethane	7.813	49	79629	16.078	ug/l	94
29) Tetrahydrofuran	7.842	42	191568	80.706	ug/l	98
30) Chloroform	7.972	83	250664	17.150	ug/l	96
31) Cyclohexane	8.254	56	175411	14.749	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	229042	17.045	ug/l	96
36) 1,1-Dichloropropene	8.378	75	173800	16.429	ug/l	99
37) Ethyl Acetate	7.572	43	125654	15.631	ug/l	97
38) Carbon Tetrachloride	8.366	117	198067	16.970	ug/l	95
39) Methylcyclohexane	9.601	83	221061	15.861	ug/l	98
40) Benzene	8.613	78	540824	16.782	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	66958	15.993	ug/l	96
42) 1,2-Dichloroethane	8.678	62	182049	16.447	ug/l	99
43) Isopropyl Acetate	8.695	43	220729	15.872	ug/l	96
44) Trichloroethene	9.354	130	138572	16.794	ug/l	99
45) 1,2-Dichloropropane	9.625	63	126332	16.735	ug/l	98
46) Dibromomethane	9.713	93	100512	16.409	ug/l	94
47) Bromodichloromethane	9.895	83	200904	16.956	ug/l	98
48) Methyl methacrylate	9.683	41	96559	15.254	ug/l	97
49) 1,4-Dioxane	9.701	88	51666	325.386	ug/l	94
51) 4-Methyl-2-Pentanone	10.448	43	655604	80.374	ug/l	98
52) Toluene	10.630	92	363503	17.218	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	196605	16.387	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	215769	16.522	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	147960	17.428	ug/l	98
56) Ethyl methacrylate	10.877	69	195738	16.454	ug/l	95
57) 1,3-Dichloropropane	11.166	76	232494	17.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	323306	80.352	ug/l	99
59) 2-Hexanone	11.195	43	488220	82.342	ug/l	99
60) Dibromochloromethane	11.360	129	149295	16.945	ug/l	99
61) 1,2-Dibromoethane	11.472	107	147025	16.963	ug/l	98
64) Tetrachloroethene	11.107	164	110237	16.557	ug/l	95
65) Chlorobenzene	11.895	112	380338	16.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	141938	16.575	ug/l	100
67) Ethyl Benzene	11.966	91	689821	16.649	ug/l	98
68) m/p-Xylenes	12.072	106	525939	32.660	ug/l	98
69) o-Xylene	12.401	106	263050	16.607	ug/l	100
70) Styrene	12.413	104	417903	16.871	ug/l	100
71) Bromoform	12.583	173	92546	16.519	ug/l #	97
73) Isopropylbenzene	12.695	105	683345	16.825	ug/l	99
74) N-amyl acetate	12.495	43	173683	14.445	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	204869	16.054	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	214451m	21.071	ug/l	
77) Bromobenzene	12.983	156	144792	16.358	ug/l	100
78) n-propylbenzene	13.036	91	739268	16.462	ug/l	99
79) 2-Chlorotoluene	13.130	91	456599	16.491	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	519606	17.228	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	58471	16.231	ug/l	94
82) 4-Chlorotoluene	13.224	91	429208	16.590	ug/l	99
83) tert-Butylbenzene	13.442	119	484888	16.554	ug/l	100
84) 1,2,4-Trimethylbenzene	13.489	105	466745	16.570	ug/l	100
85) sec-Butylbenzene	13.618	105	663512	16.504	ug/l	99
86) p-Isopropyltoluene	13.730	119	514339	16.627	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	252900	16.066	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	249593	16.058	ug/l	98
89) n-Butylbenzene	14.060	91	379498	15.853	ug/l	100
90) Hexachloroethane	14.336	117	103309	15.117	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	254150	16.278	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	35658	15.111	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	55288	15.563	ug/l	98
94) Hexachlorobutadiene	15.501	225	50806	16.103	ug/l	94
95) Naphthalene	15.648	128	192453	14.979	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	49997	15.050	ug/l	96

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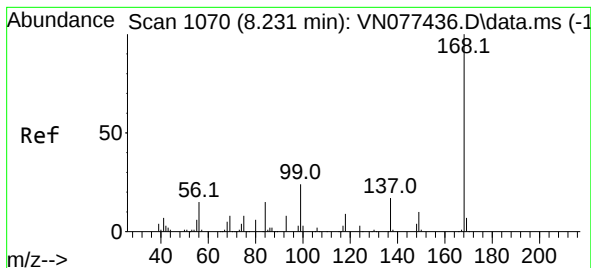
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

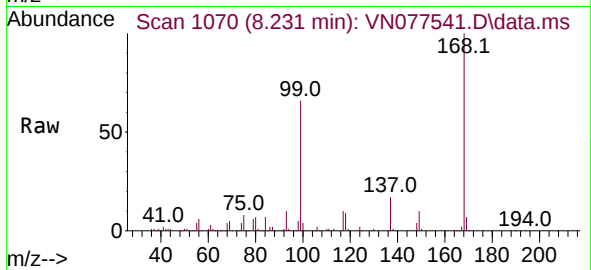
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077541.D
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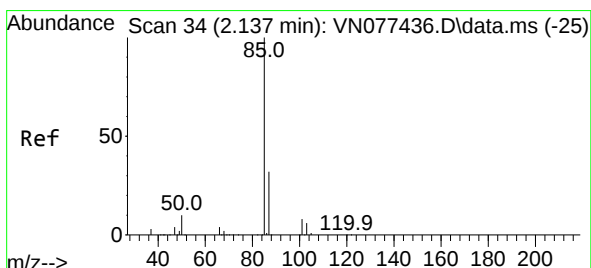
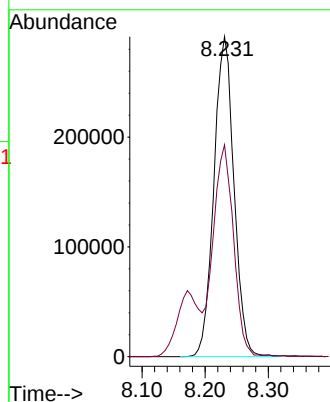
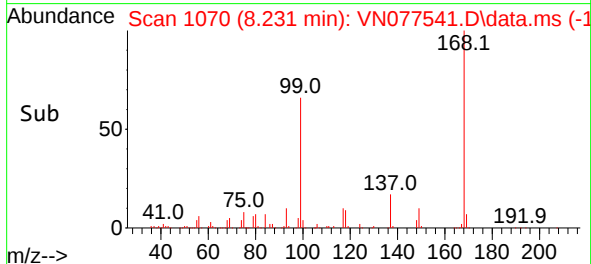
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion:168 Resp: 643414
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6

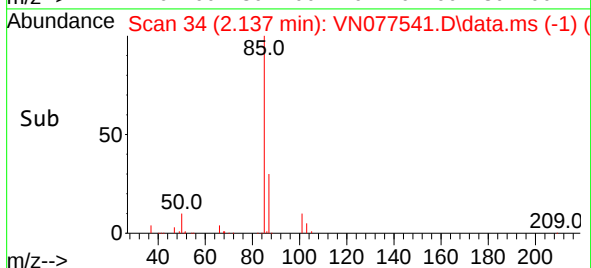
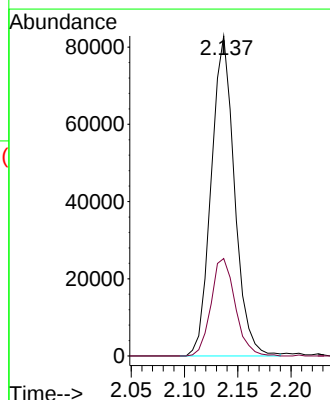
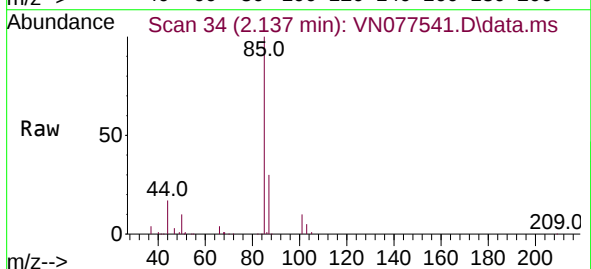
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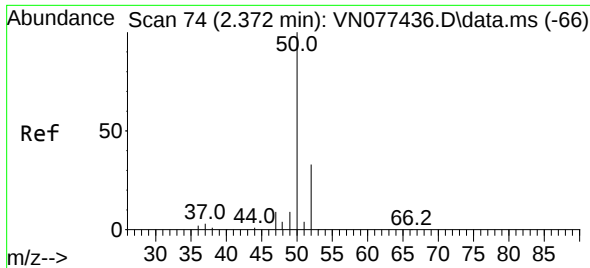
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#2
Dichlorodifluoromethane
Concen: 15.519 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

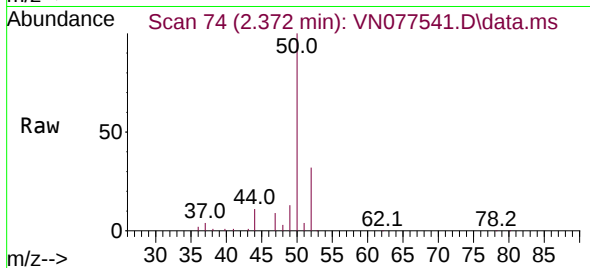
Tgt Ion: 85 Resp: 125704
Ion Ratio Lower Upper
85 100
87 30.5 15.8 47.4





#3
Chloromethane
Concen: 15.215 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

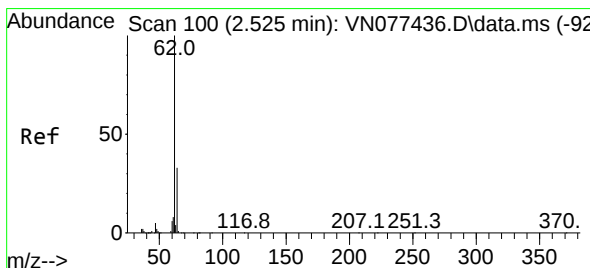
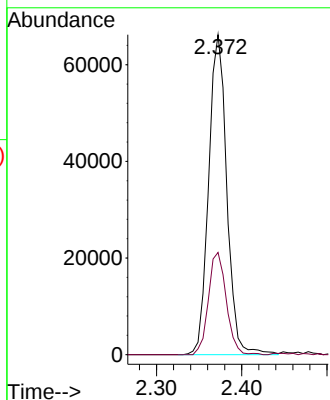
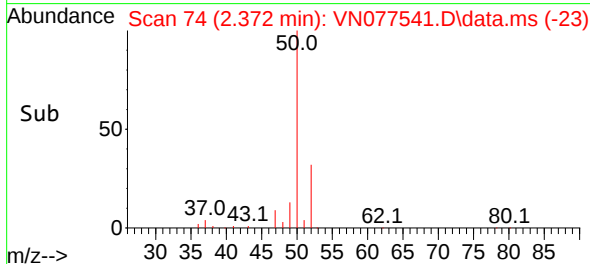
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Tgt Ion: 50 Resp: 98129
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

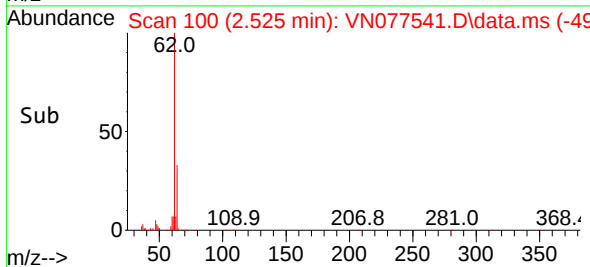
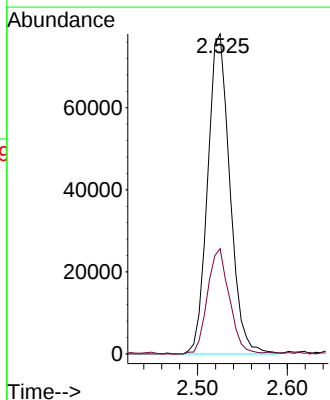
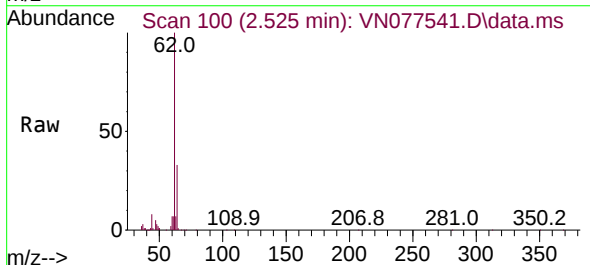
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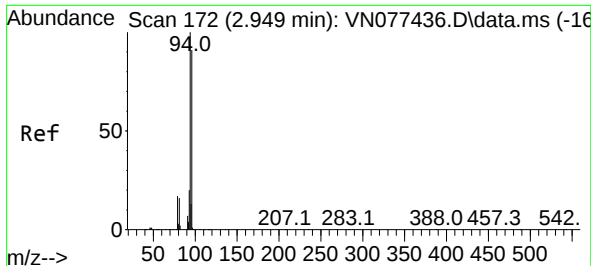
Reviewed By :John Carlone 05/02/2023
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#4
Vinyl Chloride
Concen: 15.622 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

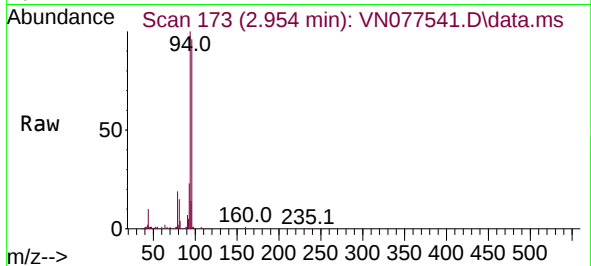
Tgt Ion: 62 Resp: 134218
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





#5
Bromomethane
Concen: 15.816 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

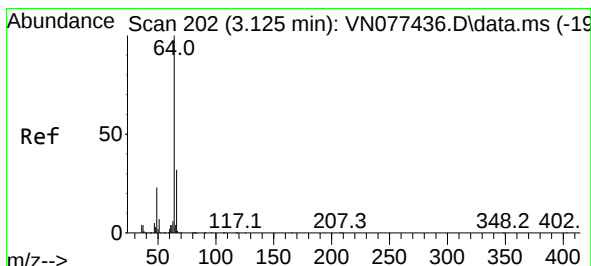
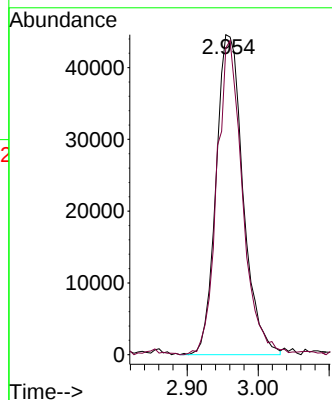
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 11771
Ion Ratio Lower Upper
94 100
96 95.8 73.1 109.7

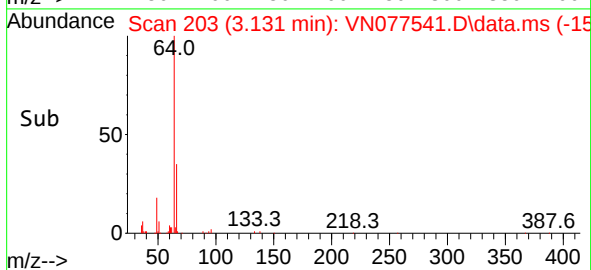
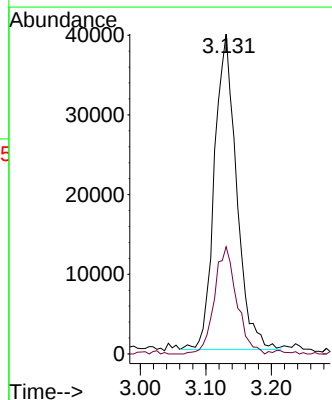
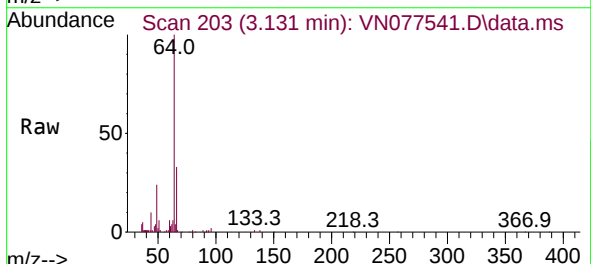
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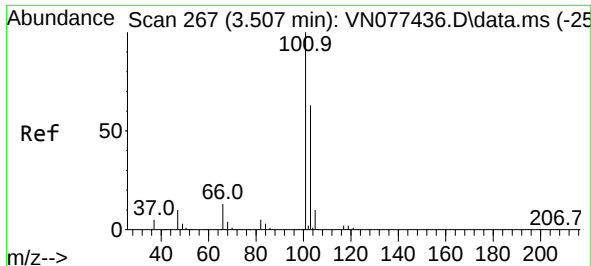
Reviewed By :John Carlone 05/02/2023
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#6
Chloroethane
Concen: 14.213 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

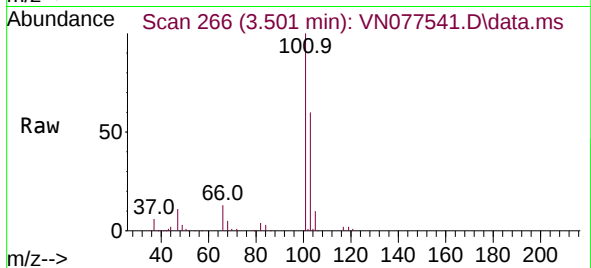
Tgt Ion: 64 Resp: 92777
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 16.655 ug/l
RT: 3.501 min Scan# 21032
Delta R.T. -0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

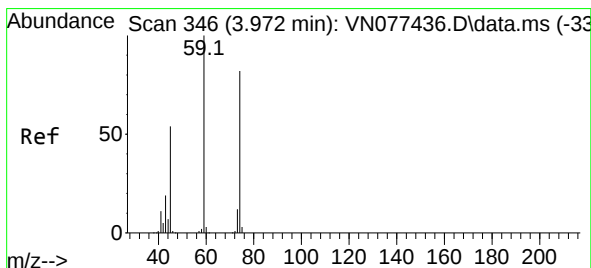
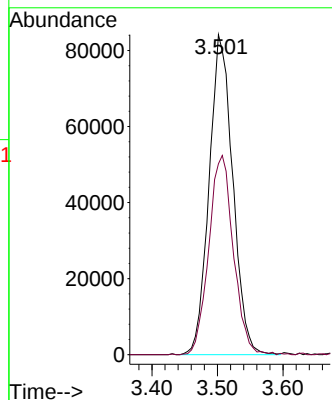
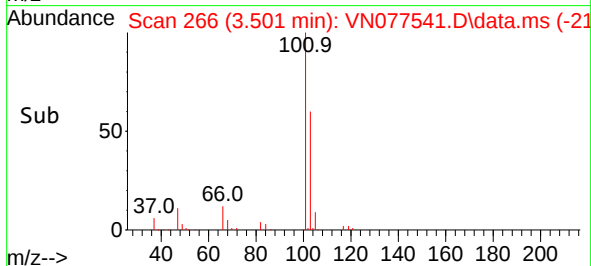
Instrument :
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Tgt Ion:101 Resp: 21032
Ion Ratio Lower Upper
101 100
103 59.7 50.7 76.1

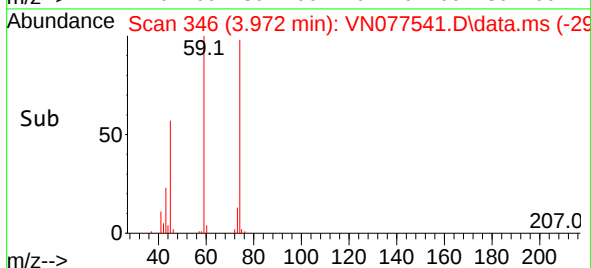
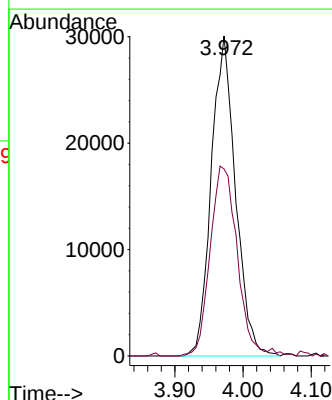
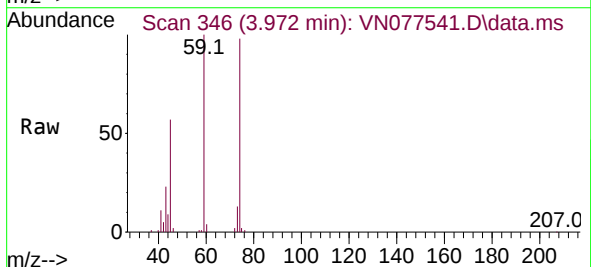
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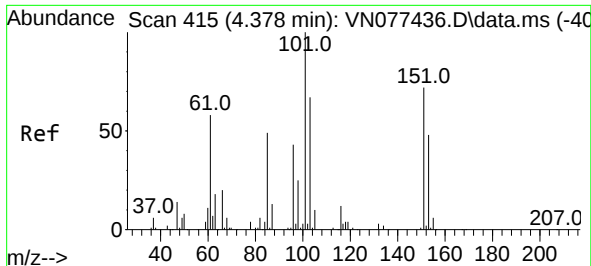
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#8
Diethyl Ether
Concen: 16.215 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077541.D
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Tgt Ion: 74 Resp: 74407
Ion Ratio Lower Upper
74 100
45 65.7 34.4 103.3





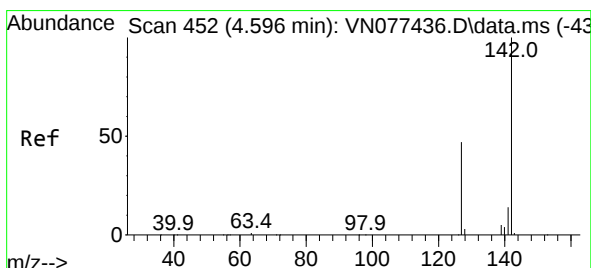
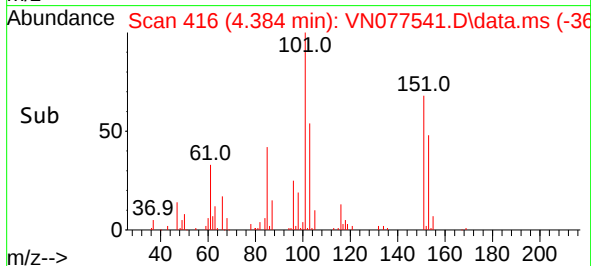
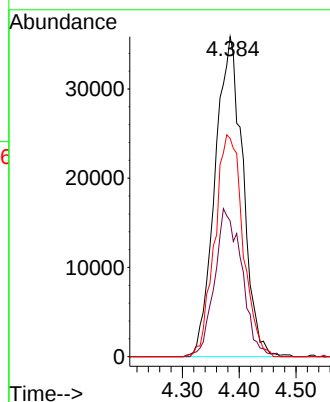
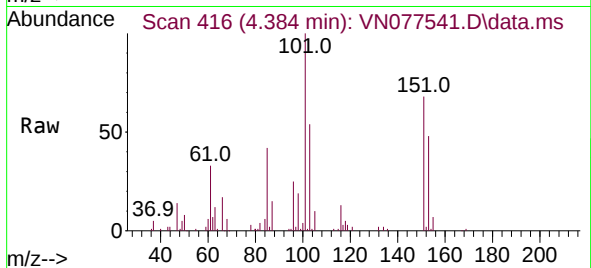
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.582 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01

Tgt Ion:101 Resp: 12178
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 70.6 57.6 86.4

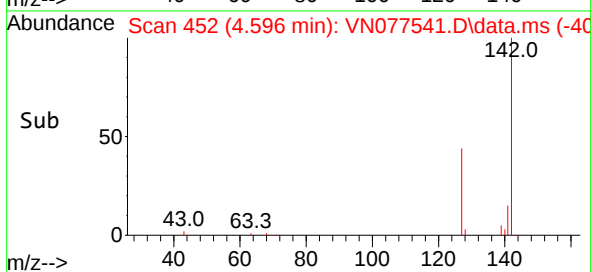
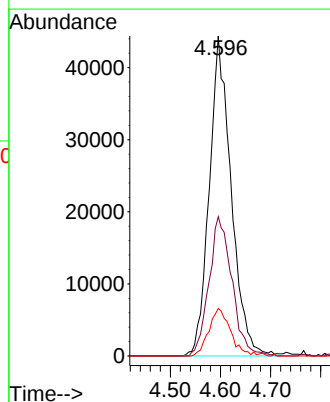
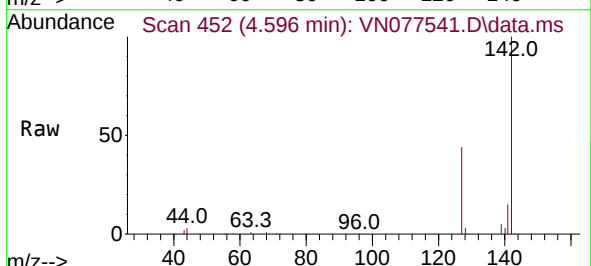
Manual Integrations
APPROVED

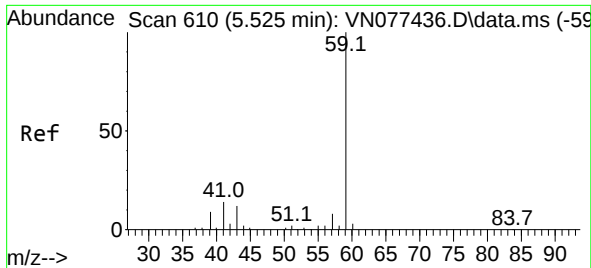
Reviewed By :John Carbone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#10
Methyl Iodide
Concen: 14.918 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

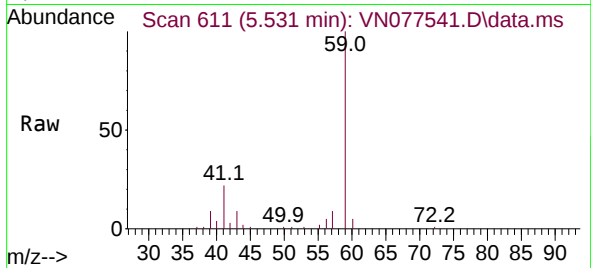
Tgt Ion:142 Resp: 134607
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 77.417 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

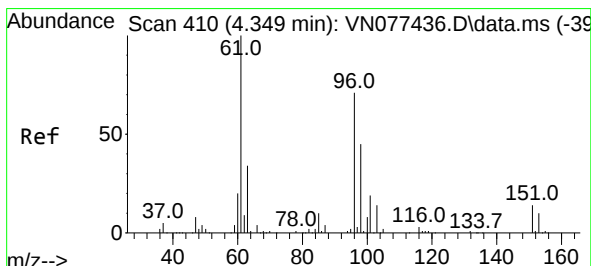
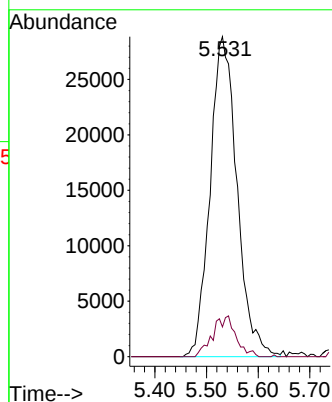
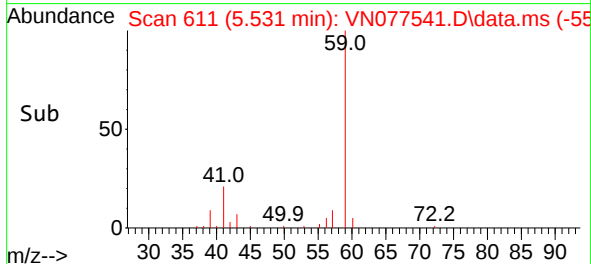
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



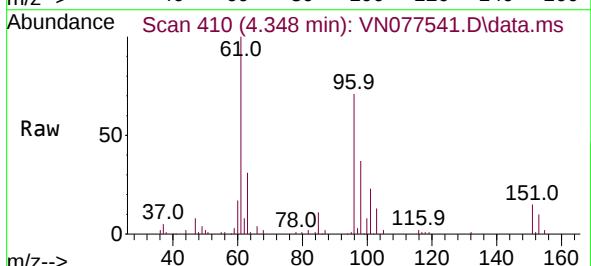
Tgt Ion: 59 Resp: 104344
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.4

Manual Integrations
APPROVED

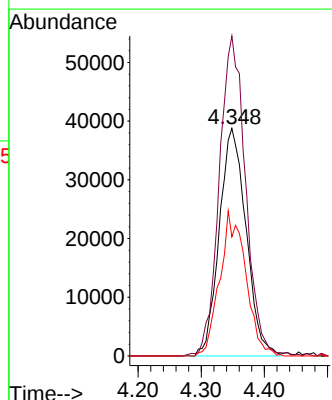
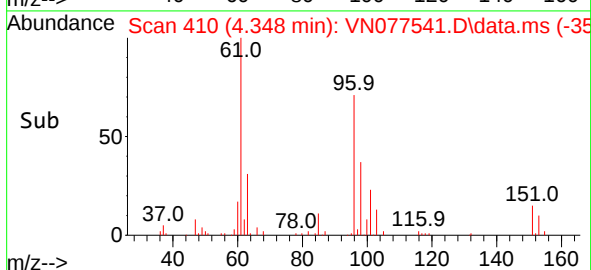
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

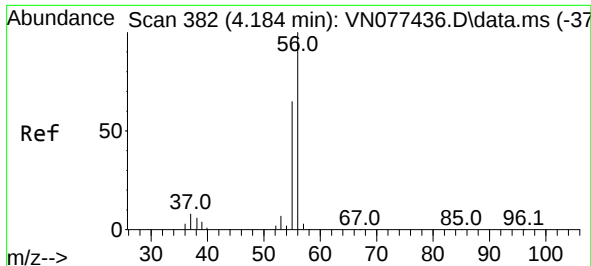


#12
1,1-Dichloroethene
Concen: 15.910 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



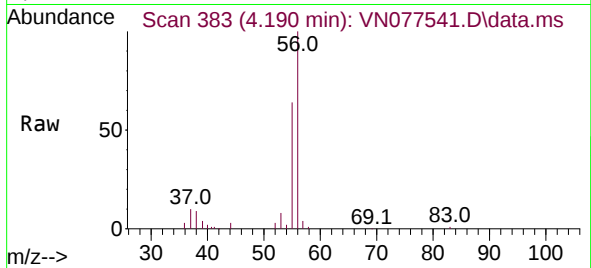
Tgt Ion: 96 Resp: 114240
Ion Ratio Lower Upper
96 100
61 140.7 112.7 169.1
98 52.4 51.2 76.8





#13
Acrolein
Concen: 86.830 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

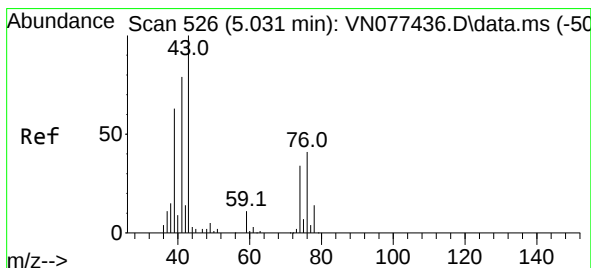
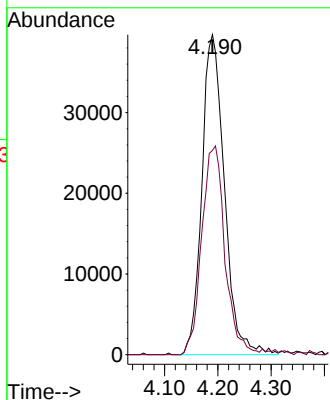
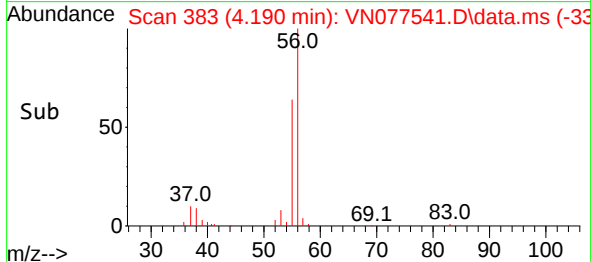
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 56 Resp: 11642
Ion Ratio Lower Upper
56 100
55 67.0 54.5 81.7

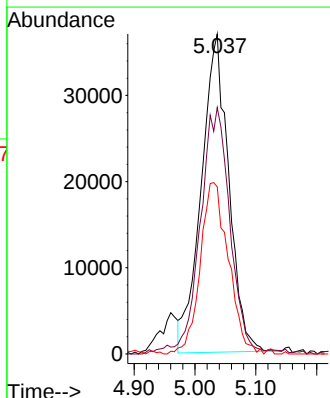
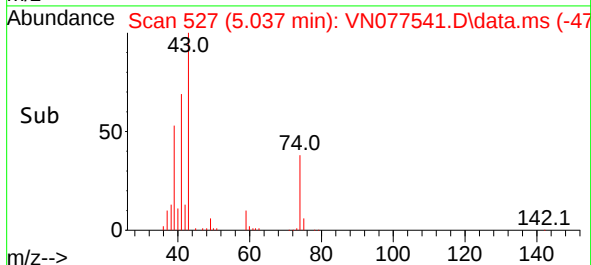
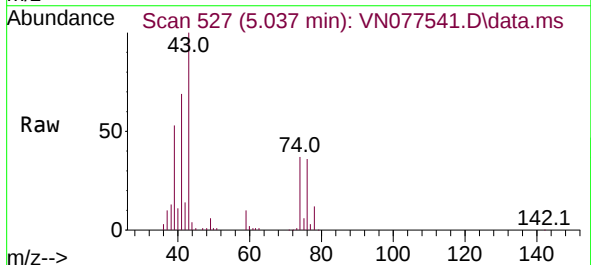
Manual Integrations
APPROVED

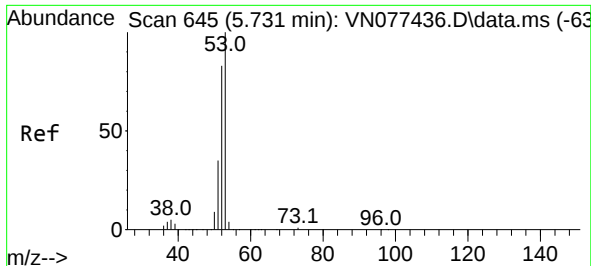
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#14
Allyl chloride
Concen: 14.486 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

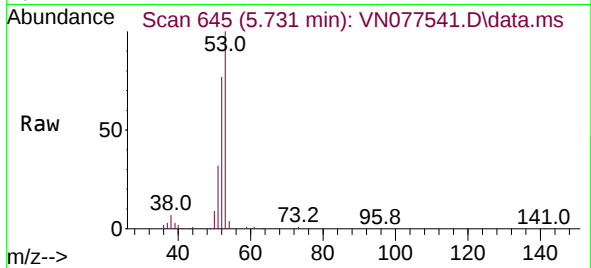
Tgt Ion: 41 Resp: 115642
Ion Ratio Lower Upper
41 100
39 84.3 58.8 88.2
76 55.4 39.1 58.7





#15
Acrylonitrile
Concen: 83.501 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

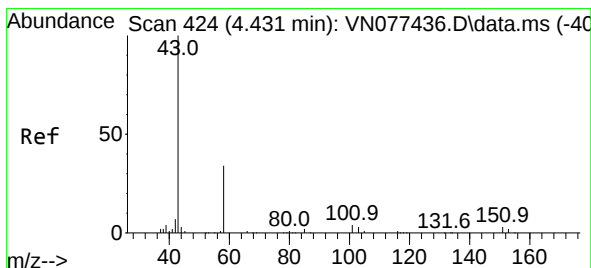
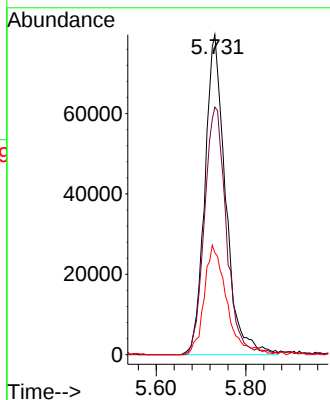
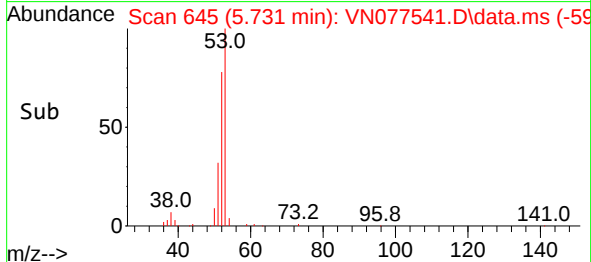
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 53 Resp: 255314
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 37.2 28.9 43.3

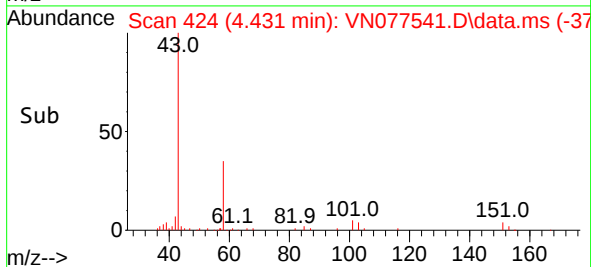
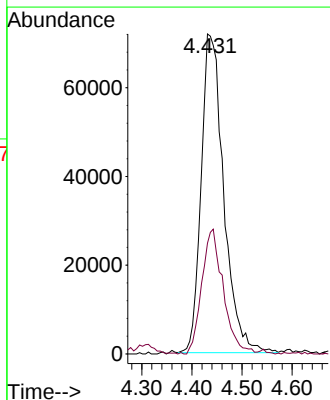
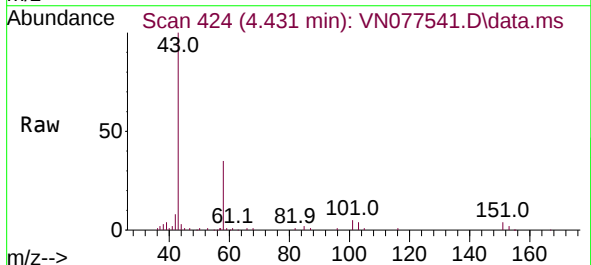
Manual Integrations
APPROVED

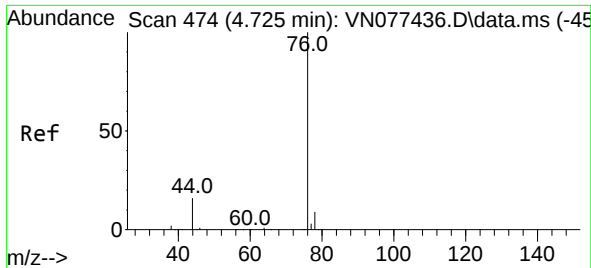
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#16
Acetone
Concen: 84.003 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

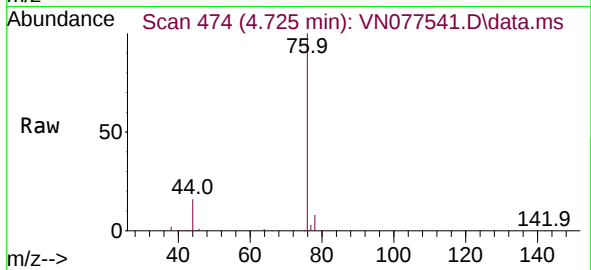
Tgt Ion: 43 Resp: 224377
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0





#17
Carbon Disulfide
Concen: 13.881 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

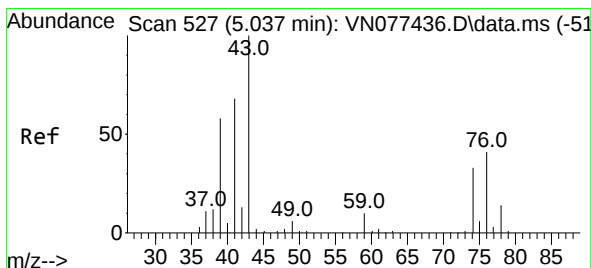
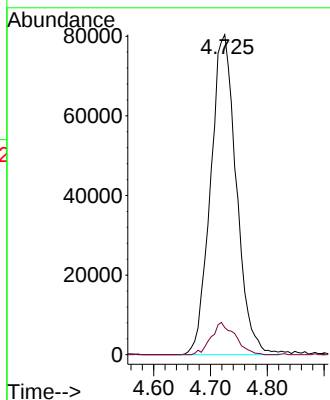
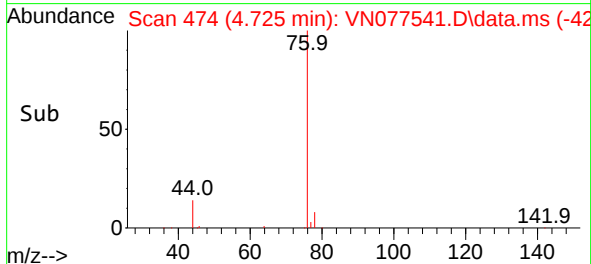
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



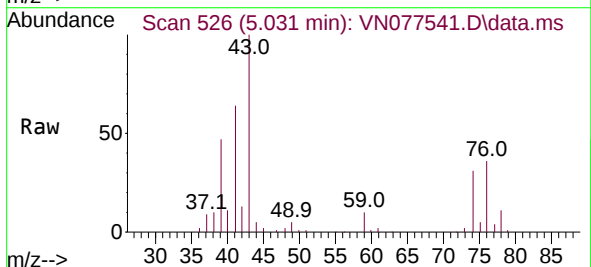
Tgt Ion: 76 Resp: 25326
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
APPROVED

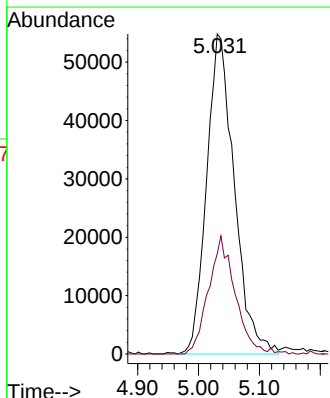
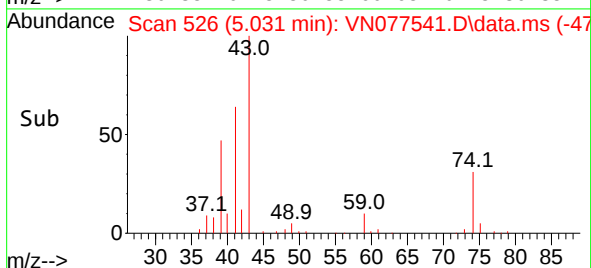
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

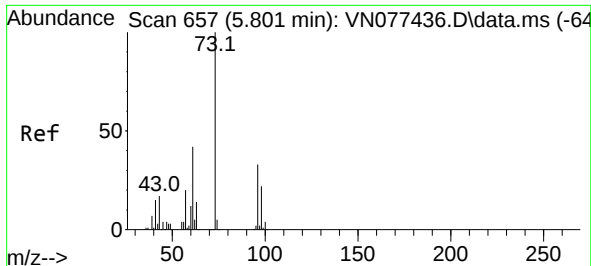


#18
Methyl Acetate
Concen: 16.778 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



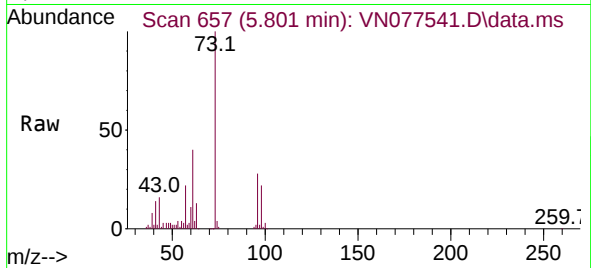
Tgt Ion: 43 Resp: 173064
Ion Ratio Lower Upper
43 100
74 35.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 16.483 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

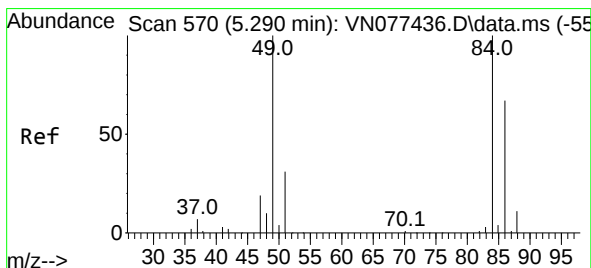
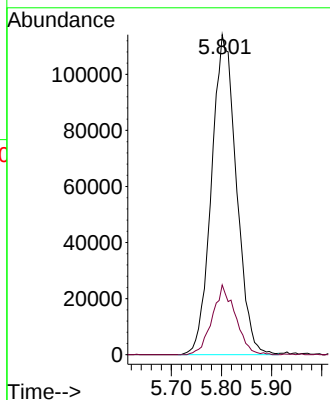
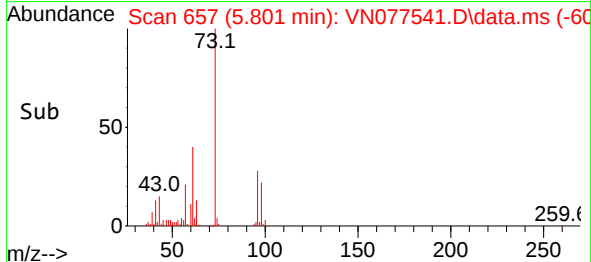
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



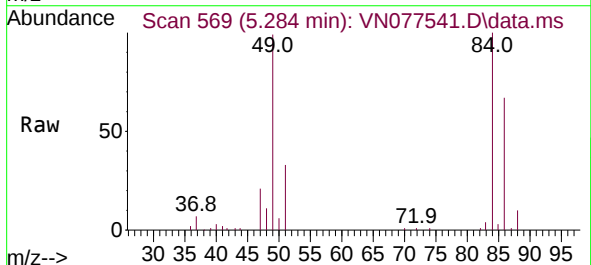
Tgt Ion: 73 Resp: 393598
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4

Manual Integrations
APPROVED

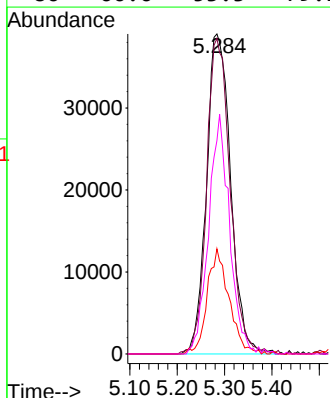
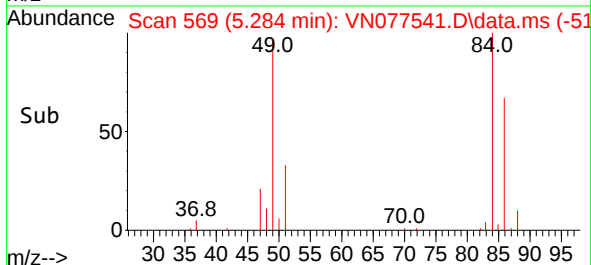
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

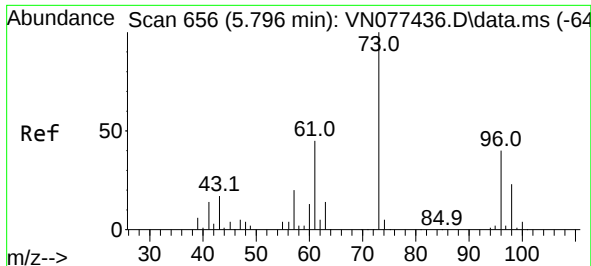


#20
Methylene Chloride
Concen: 16.330 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



Tgt Ion: 84 Resp: 138322
Ion Ratio Lower Upper
84 100
49 98.6 79.7 119.5
51 32.9 25.2 37.8
86 66.6 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 15.597 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS01

Tgt Ion: 96 Resp: 121098

Ion Ratio Lower Upper

96 100

61 119.5 90.1 135.1

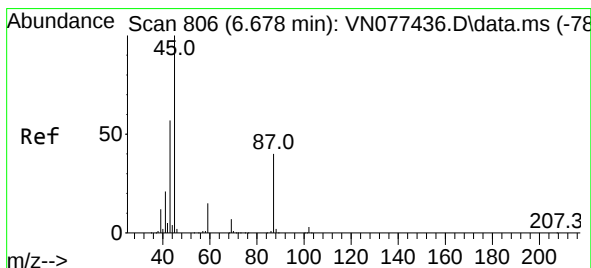
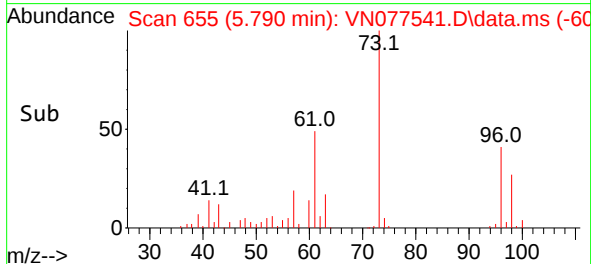
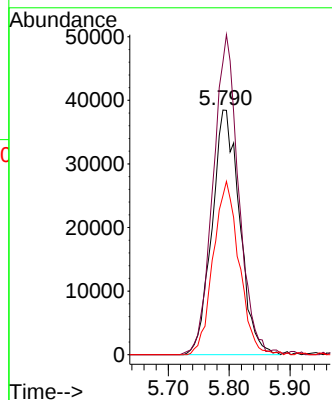
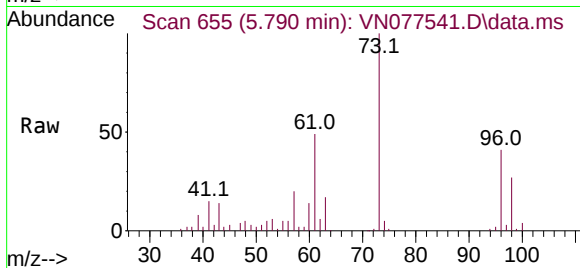
98 64.9 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#22

Diisopropyl ether

Concen: 15.994 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

Tgt Ion: 45 Resp: 293031

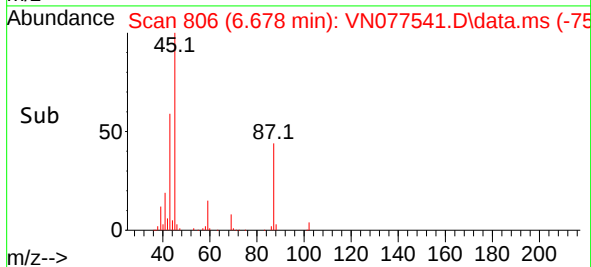
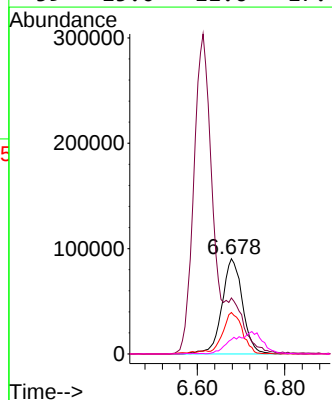
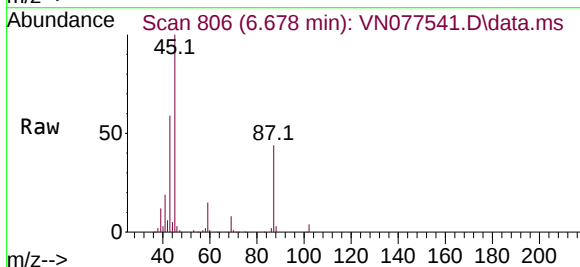
Ion Ratio Lower Upper

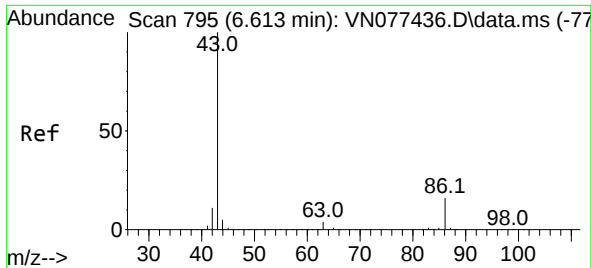
45 100

43 57.5 45.5 68.3

87 43.4 31.8 47.8

59 15.0 11.6 17.4





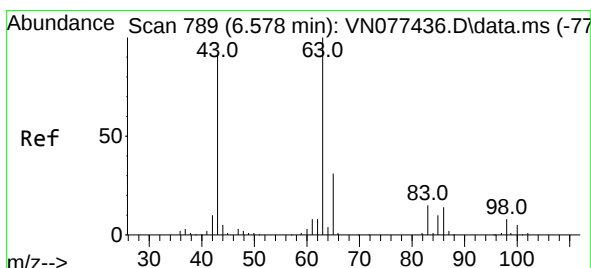
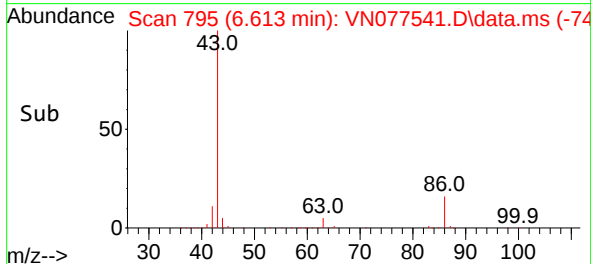
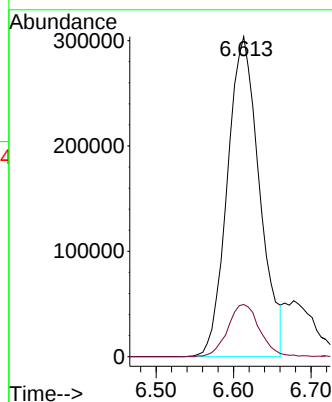
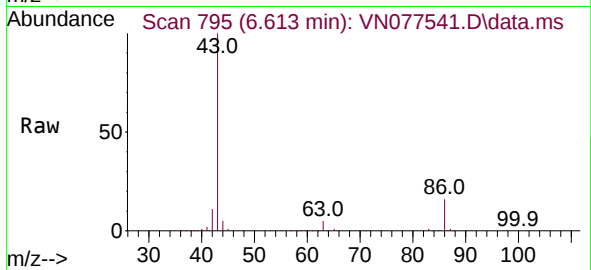
#23
 Vinyl Acetate
 Concen: 76.692 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077541.D
 Acq: 01 May 2023 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS01

Tgt Ion: 43 Resp: 877519
 Ion Ratio Lower Upper
 43 100
 86 16.3 13.0 19.6

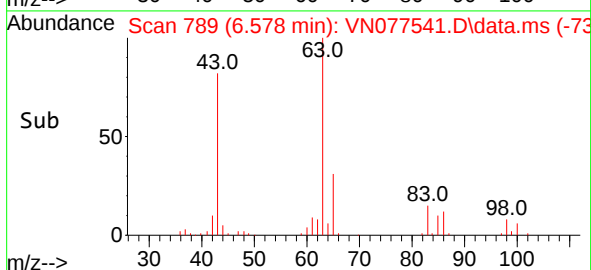
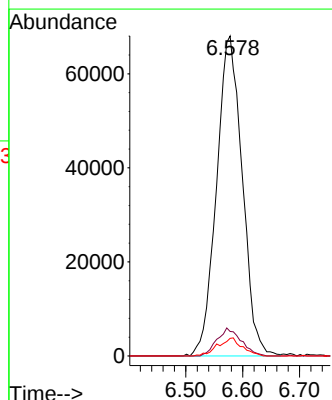
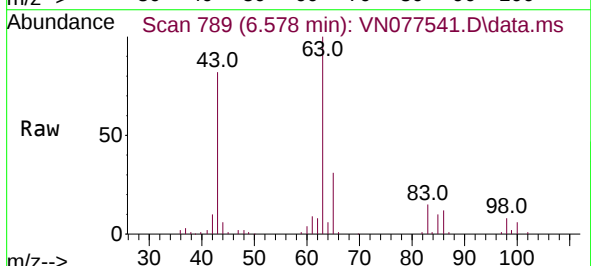
Manual Integrations
 APPROVED

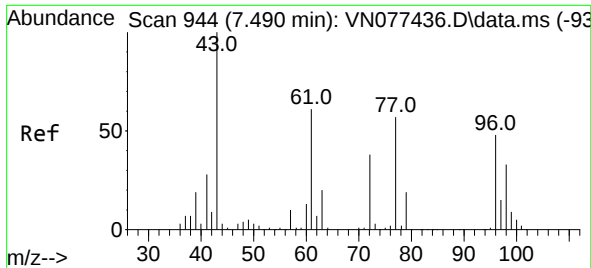
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#24
 1,1-Dichloroethane
 Concen: 16.487 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077541.D
 Acq: 01 May 2023 12:41

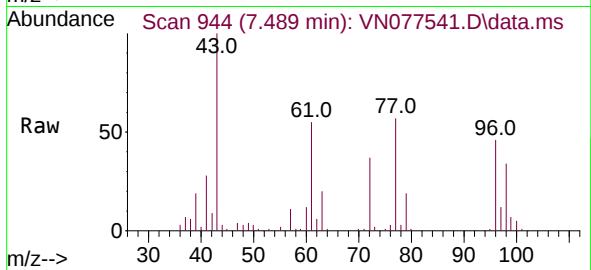
Tgt Ion: 63 Resp: 213817
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.5 2.5 7.4





#25
2-Butanone
Concen: 82.818 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

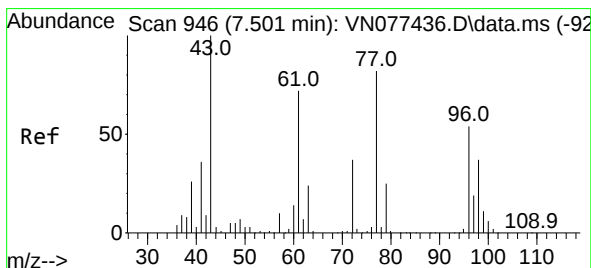
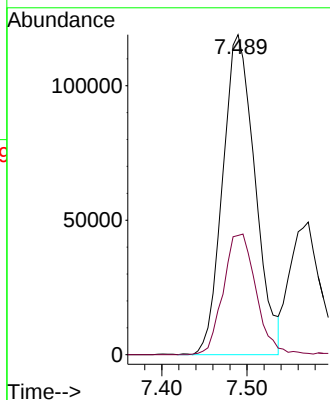
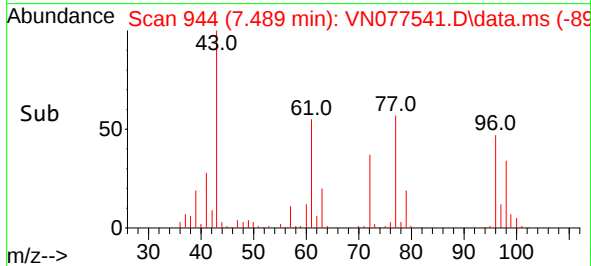
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



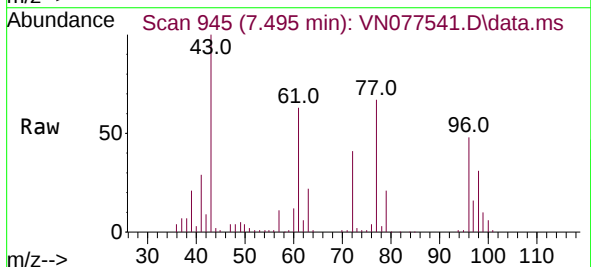
Tgt Ion: 43 Resp: 313750
Ion Ratio Lower Upper
43 100
72 37.2 30.2 45.2

Manual Integrations
APPROVED

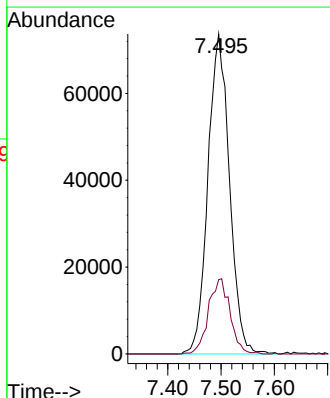
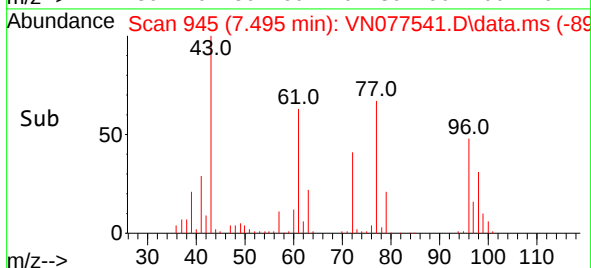
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

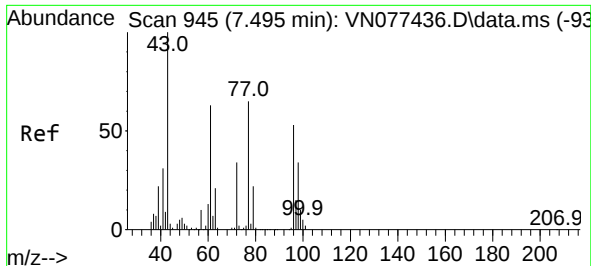


#26
2,2-Dichloropropane
Concen: 16.437 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



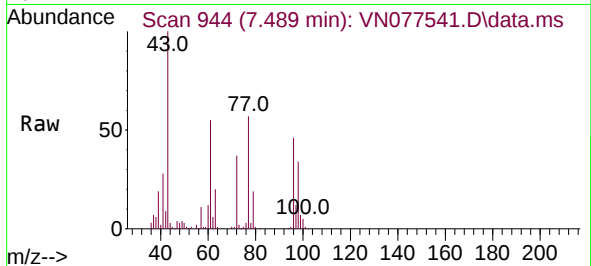
Tgt Ion: 77 Resp: 206704
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 16.326 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.006 min
 Lab File: VN077541.D
 Acq: 01 May 2023 12:41

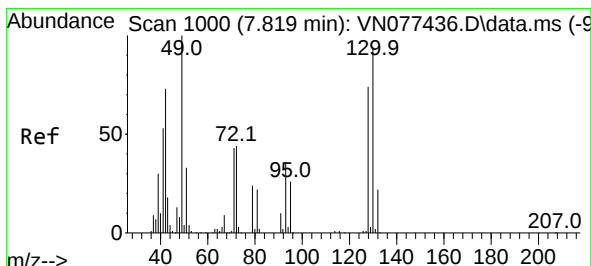
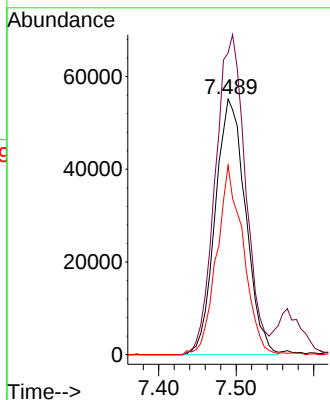
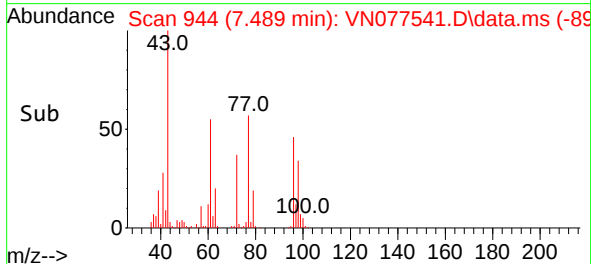
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS01



Tgt Ion: 96 Resp: 150120
 Ion Ratio Lower Upper
 96 100
 61 124.7 0.0 255.2
 98 65.4 0.0 128.8

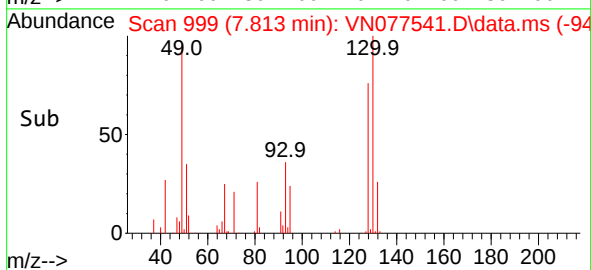
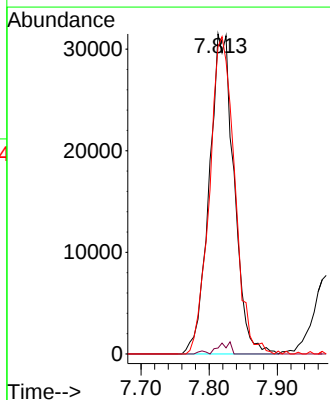
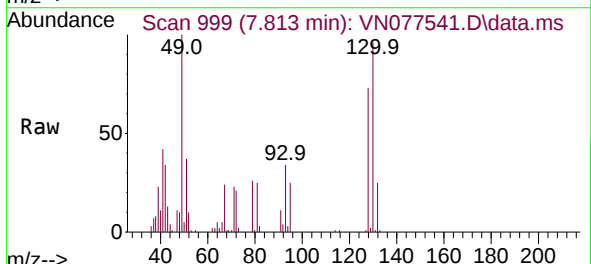
Manual Integrations
 APPROVED

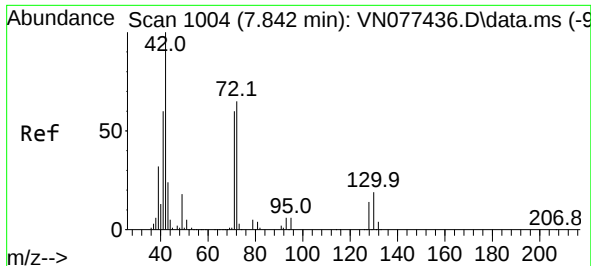
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#28
 Bromochloromethane
 Concen: 16.078 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077541.D
 Acq: 01 May 2023 12:41

Tgt Ion: 49 Resp: 79629
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 100.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 80.706 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077541.D

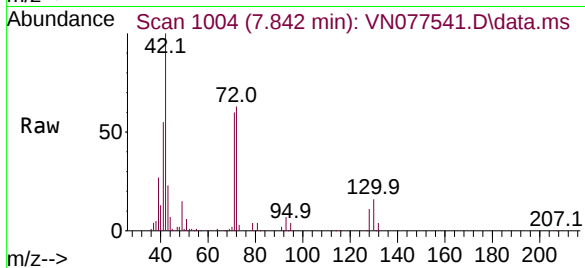
Acq: 01 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS01



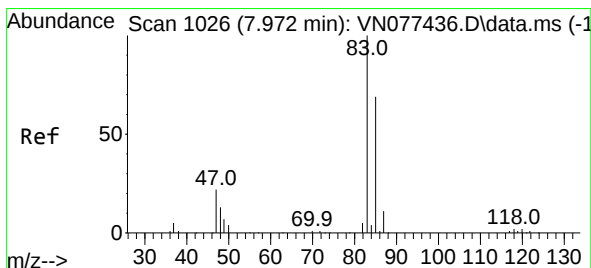
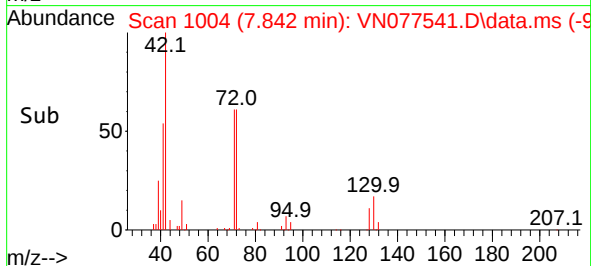
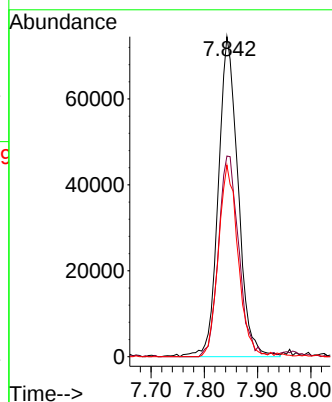
Tgt Ion:	42	Resp:	19156
Ion Ratio	100	Lower	Upper
42	100		
72	64.4	49.8	74.6
71	59.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

Chloroform

Concen: 17.150 ug/l

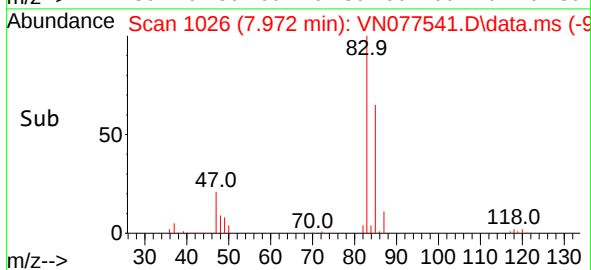
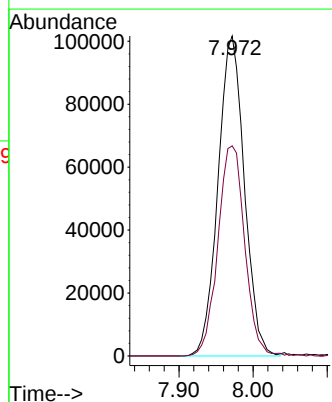
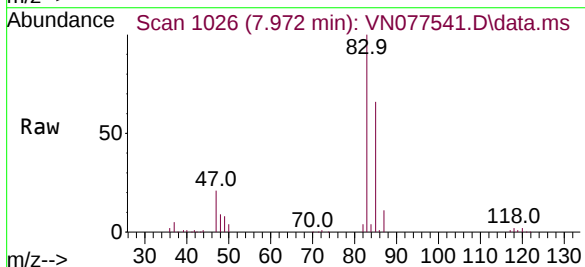
RT: 7.972 min Scan# 1026

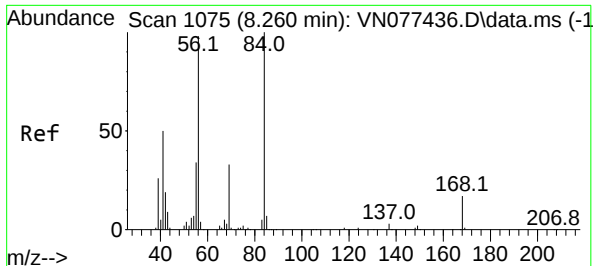
Delta R.T. -0.000 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

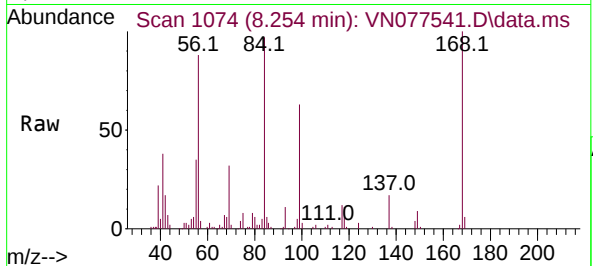
Tgt Ion:	83	Resp:	250664
Ion Ratio	100	Lower	Upper
83	100		
85	65.6	55.4	83.0





#31
Cyclohexane
Concen: 14.749 ug/l
RT: 8.254 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

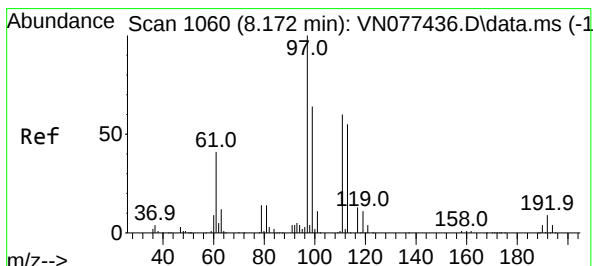
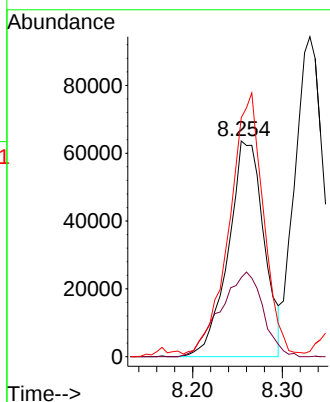
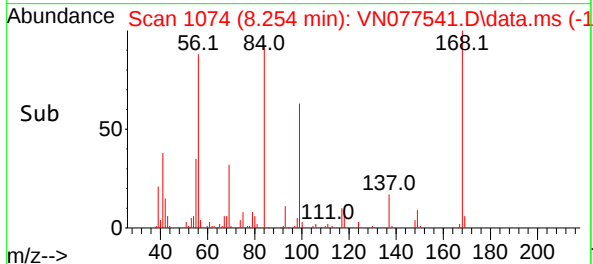
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 56 Resp: 17541
Ion Ratio Lower Upper
56 100
69 36.7 26.8 40.2
84 108.2 81.8 122.6

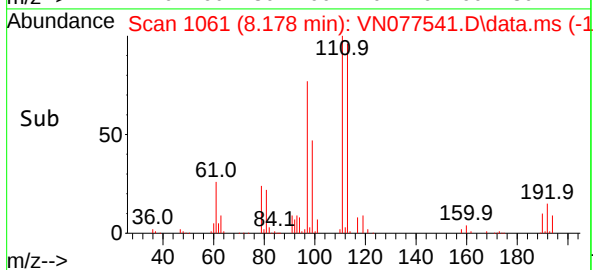
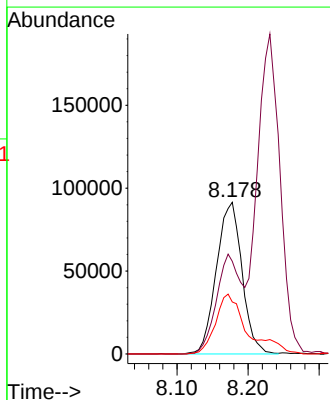
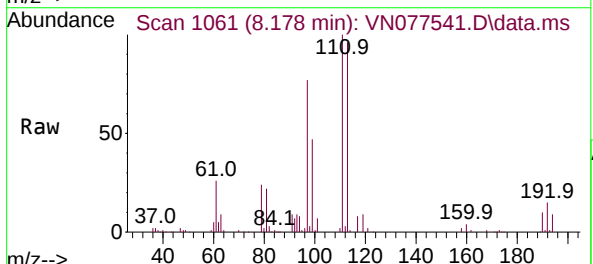
Manual Integrations
APPROVED

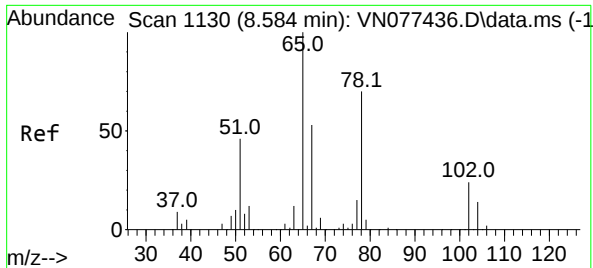
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#32
1,1,1-Trichloroethane
Concen: 17.045 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

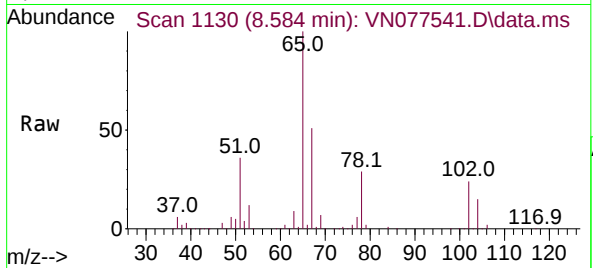
Tgt Ion: 97 Resp: 229042
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 48.6 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 43.993 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

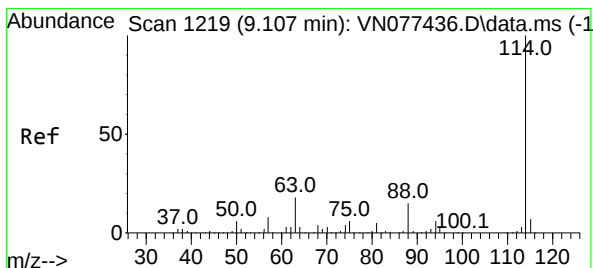
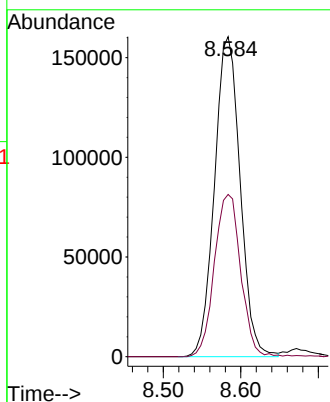
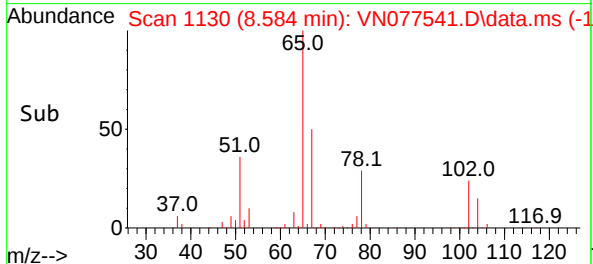
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 65 Resp: 36935
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

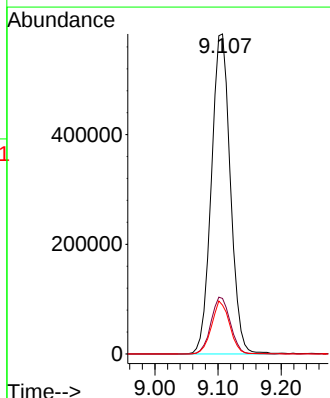
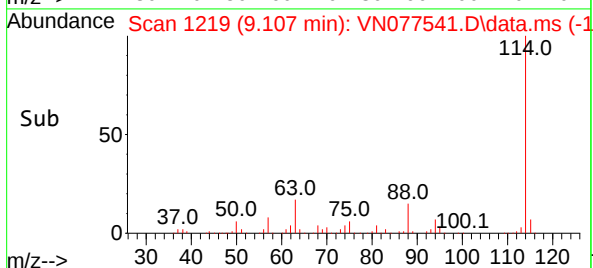
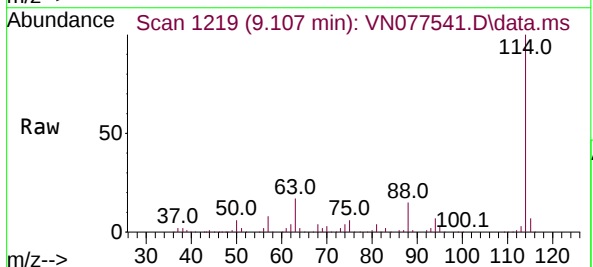
Manual Integrations
APPROVED

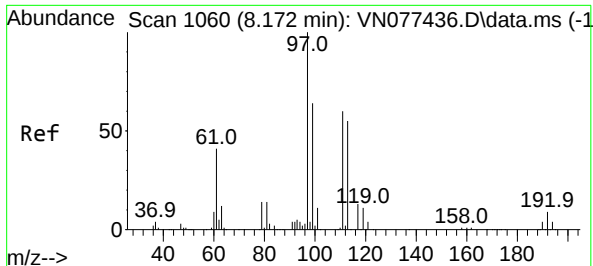
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

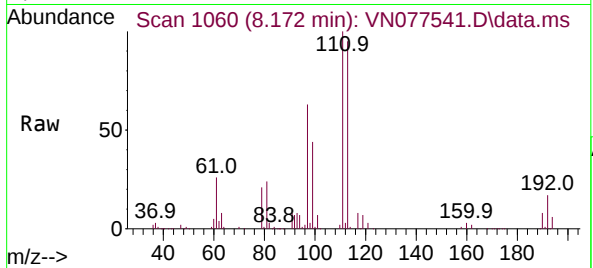
Tgt Ion:114 Resp: 1218275
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.4
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 43.593 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

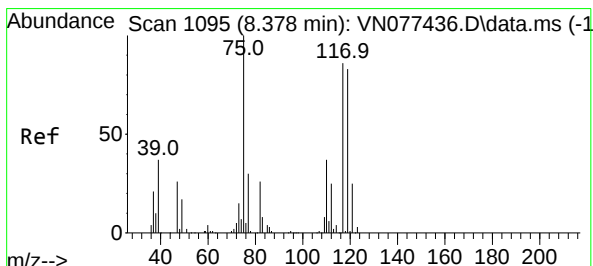
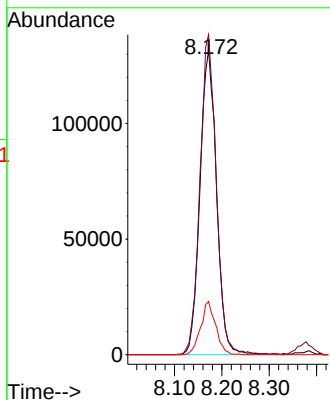
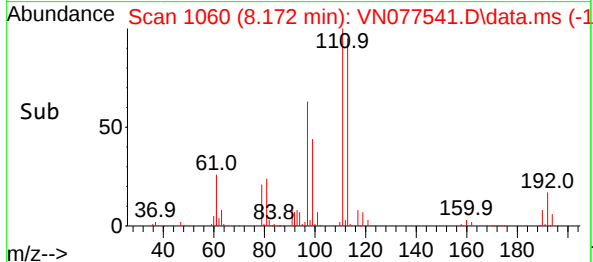
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 113 Resp: 31920
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 15.9 12.7 19.1

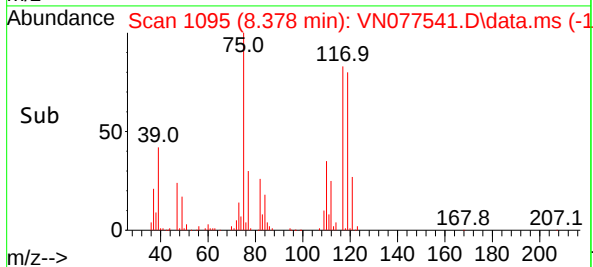
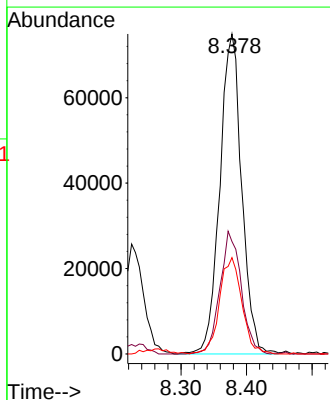
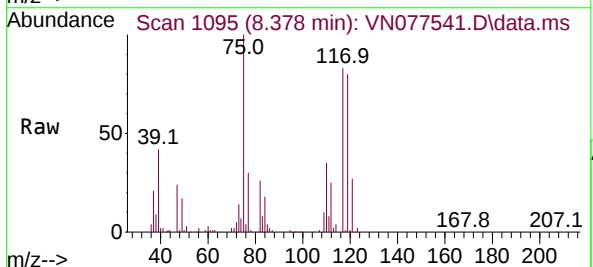
Manual Integrations
APPROVED

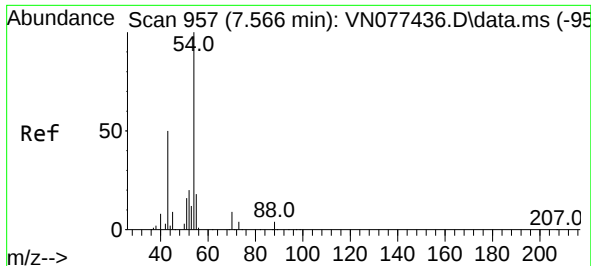
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#36
1,1-Dichloropropene
Concen: 16.429 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

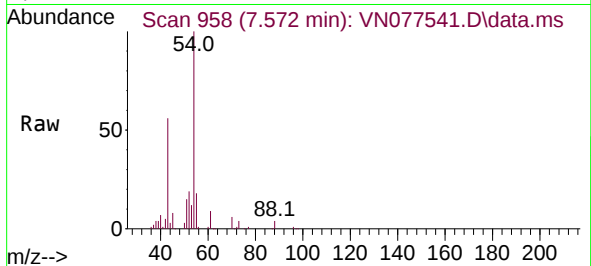
Tgt Ion: 75 Resp: 173800
Ion Ratio Lower Upper
75 100
110 37.3 19.1 57.3
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 15.631 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

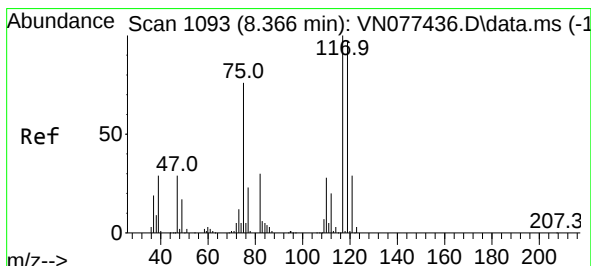
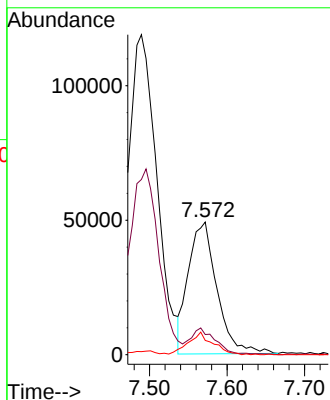
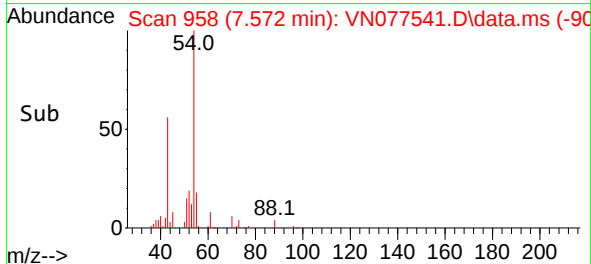
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 43 Resp: 125654
Ion Ratio Lower Upper
43 100
61 18.0 13.2 19.8
70 14.6 11.3 16.9

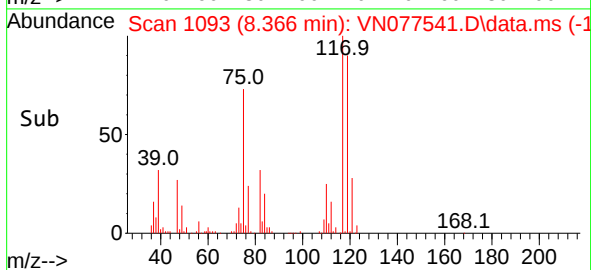
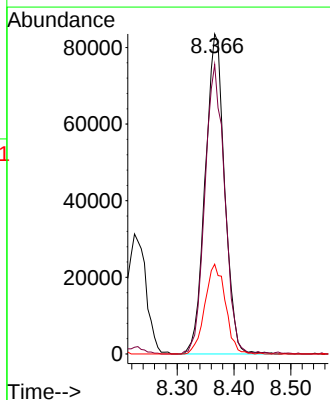
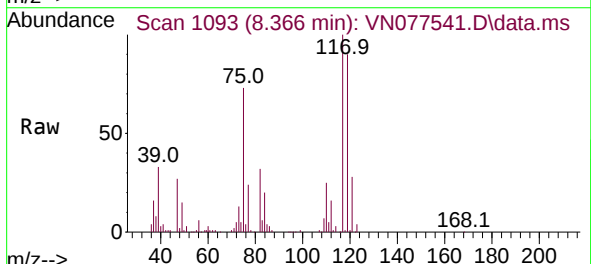
Manual Integrations
APPROVED

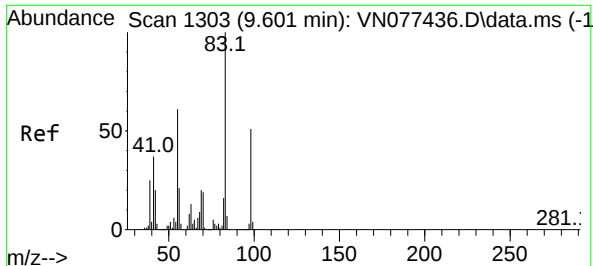
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#38
Carbon Tetrachloride
Concen: 16.970 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

Tgt Ion:117 Resp: 198067
Ion Ratio Lower Upper
117 100
119 90.4 77.3 115.9
121 28.1 23.3 34.9





#39

Methylcyclohexane

Concen: 15.861 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077541.D

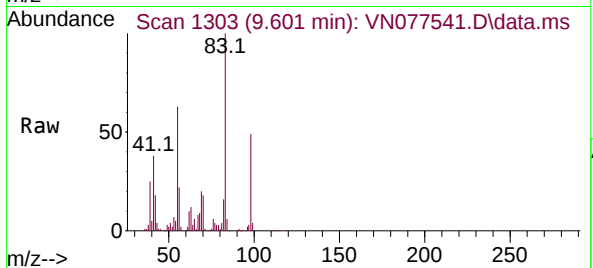
Acq: 01 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS01



Tgt Ion: 83 Resp: 22106

Ion Ratio Lower Upper

83 100

55 62.7 49.1 73.7

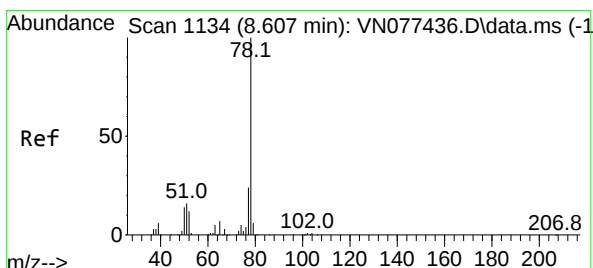
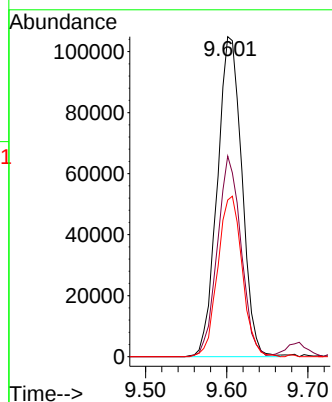
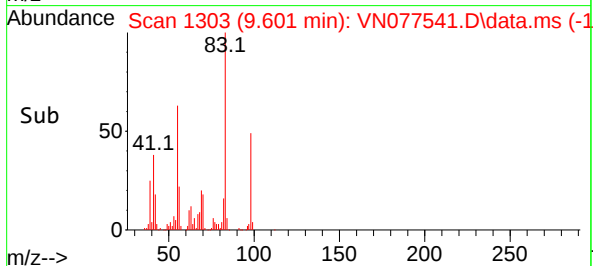
98 48.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#40

Benzene

Concen: 16.782 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077541.D

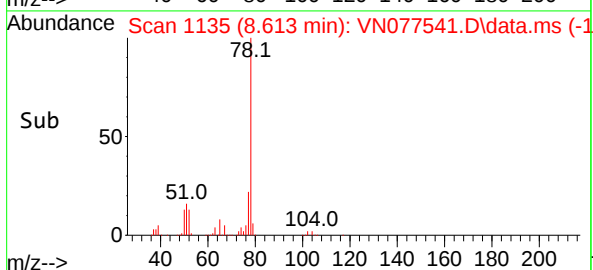
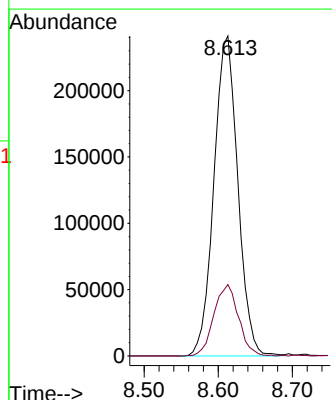
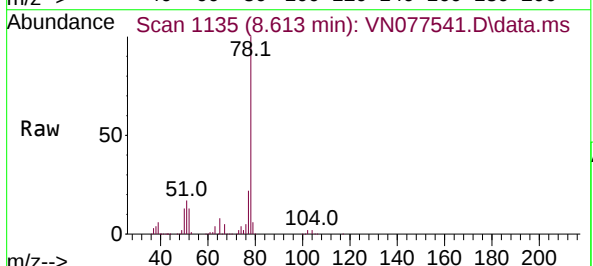
Acq: 01 May 2023 12:41

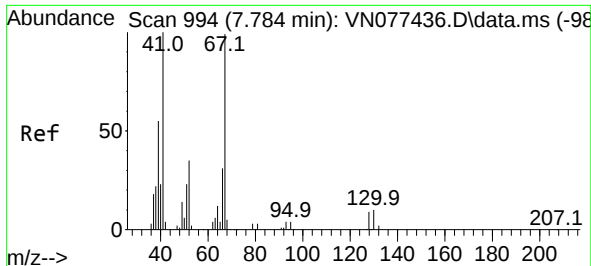
Tgt Ion: 78 Resp: 540824

Ion Ratio Lower Upper

78 100

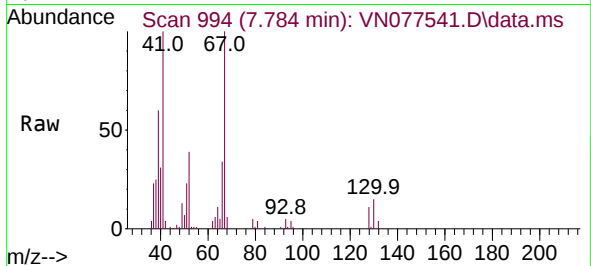
77 22.3 19.0 28.6





#41
Methacrylonitrile
Concen: 15.993 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

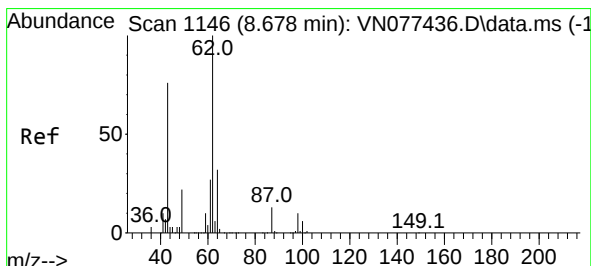
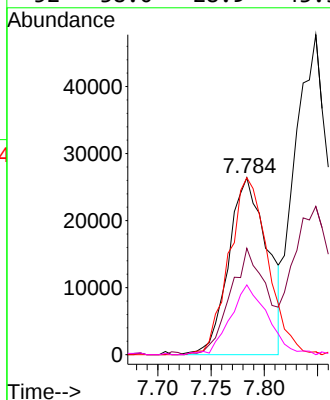
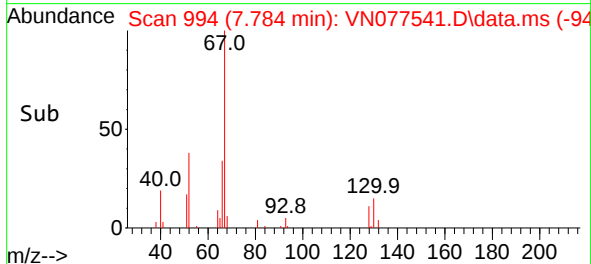
Instrument :
MSVOA_N
Client Sample Id :
VN0501WBS01



Tgt Ion: 41 Resp: 66958
Ion Ratio Lower Upper
41 100
39 56.9 42.6 64.0
67 100.2 77.5 116.3
52 38.0 28.9 43.3

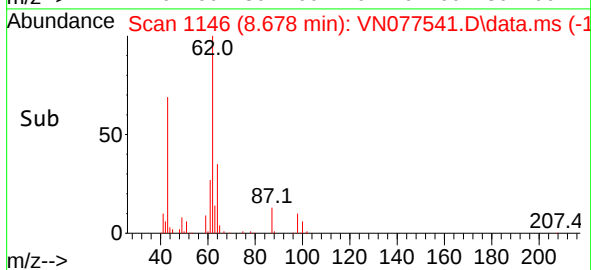
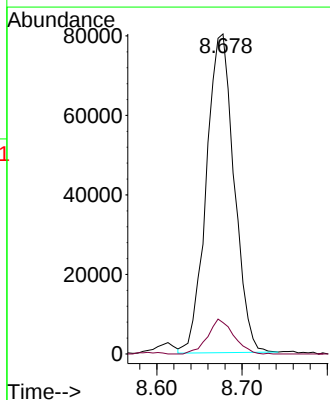
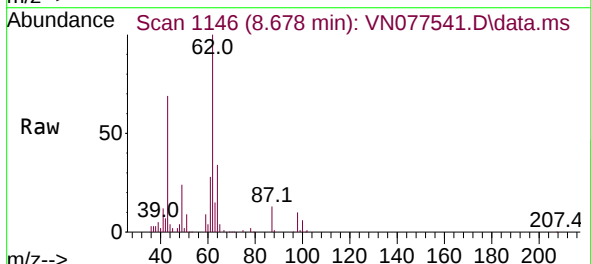
Manual Integrations
APPROVED

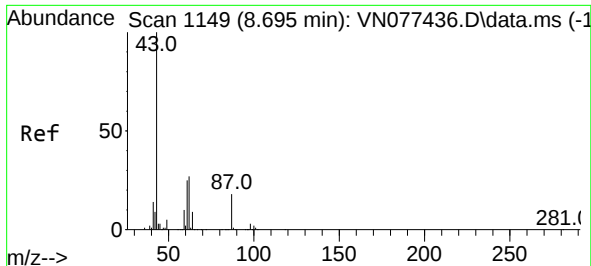
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#42
1,2-Dichloroethane
Concen: 16.447 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

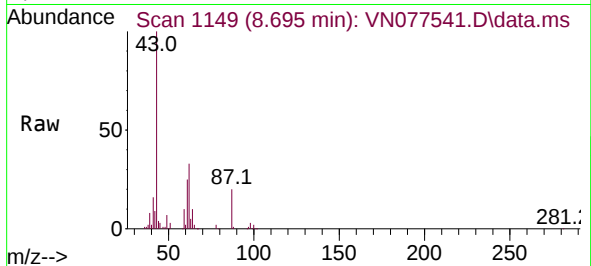
Tgt Ion: 62 Resp: 182049
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 15.872 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

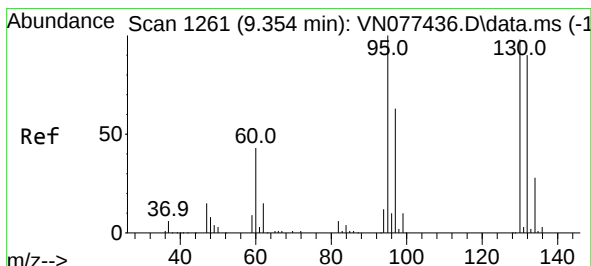
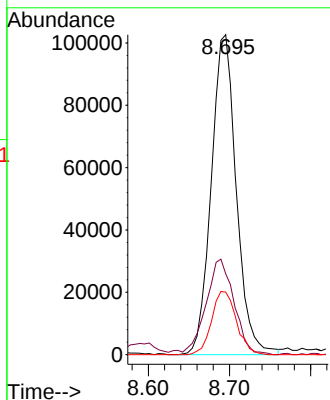
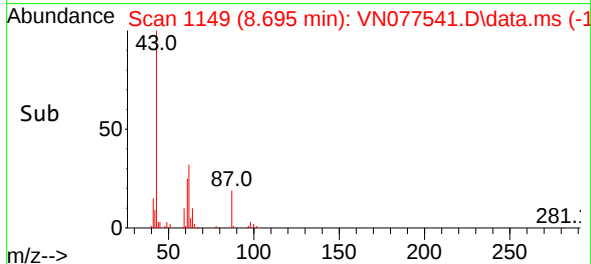
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 43 Resp: 220729
Ion Ratio Lower Upper
43 100
61 33.8 24.7 37.1
87 19.5 14.6 21.8

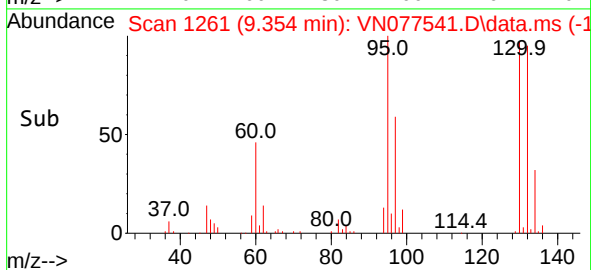
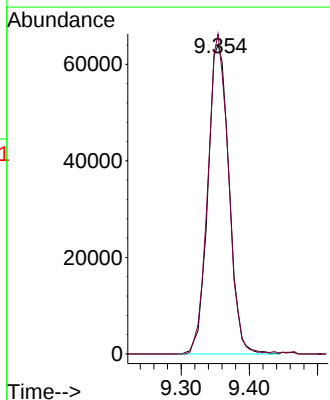
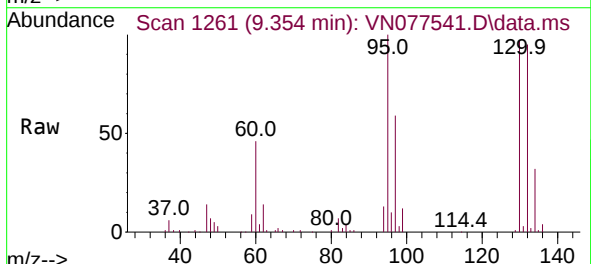
Manual Integrations
APPROVED

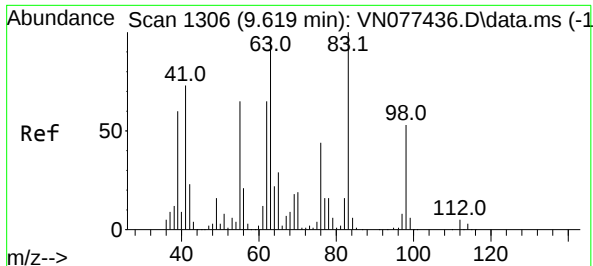
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#44
Trichloroethene
Concen: 16.794 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

Tgt Ion:130 Resp: 138572
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 16.735 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS01

Tgt Ion: 63 Resp: 12633

Ion Ratio Lower Upper

63 100

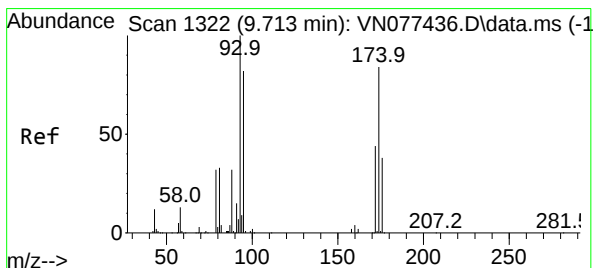
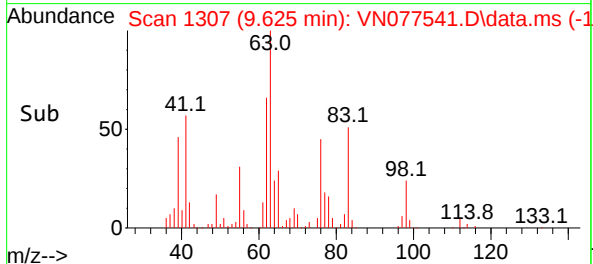
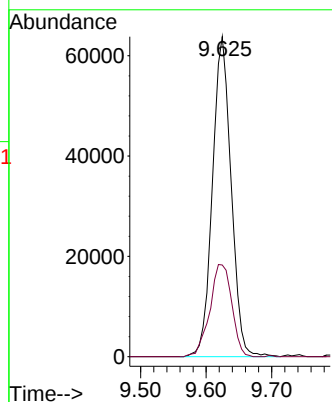
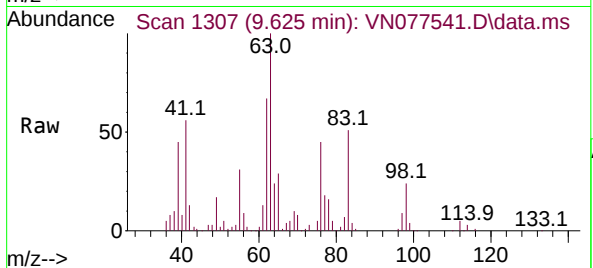
65 28.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#46

Dibromomethane

Concen: 16.409 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

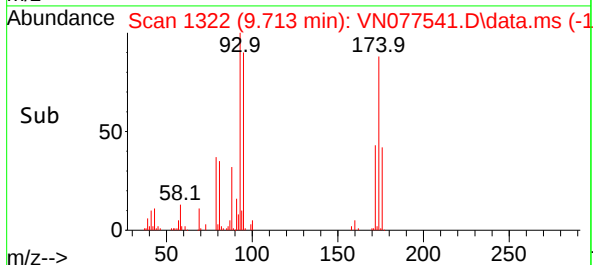
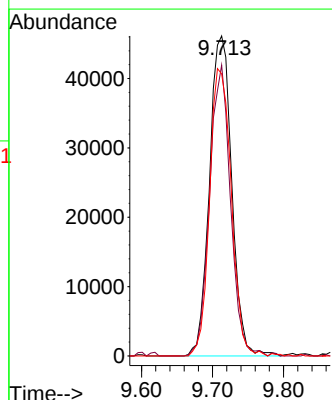
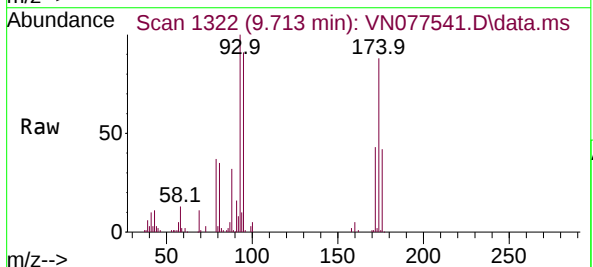
Tgt Ion: 93 Resp: 100512

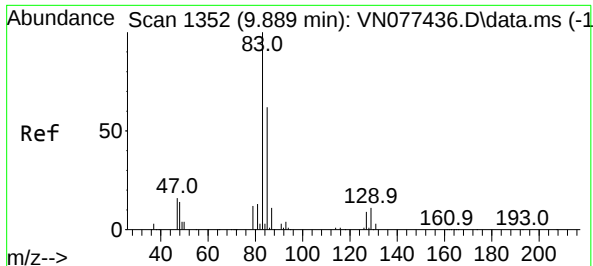
Ion Ratio Lower Upper

93 100

95 85.0 63.8 95.8

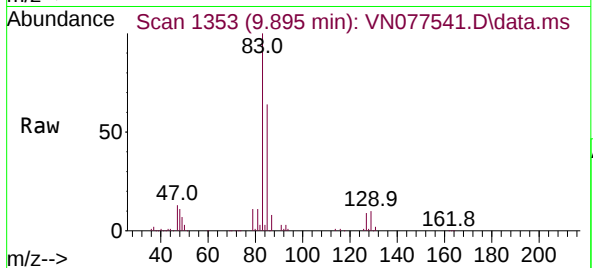
174 87.5 65.6 98.4





#47
Bromodichloromethane
Concen: 16.956 ug/l
RT: 9.895 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

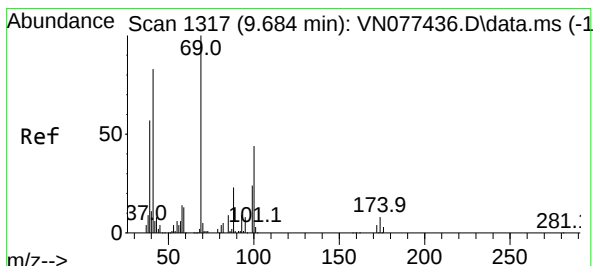
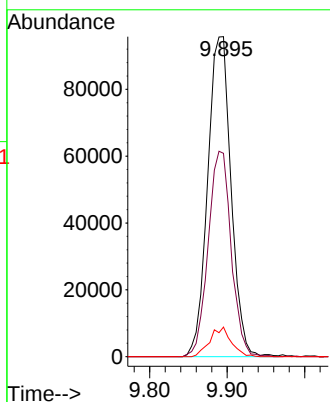
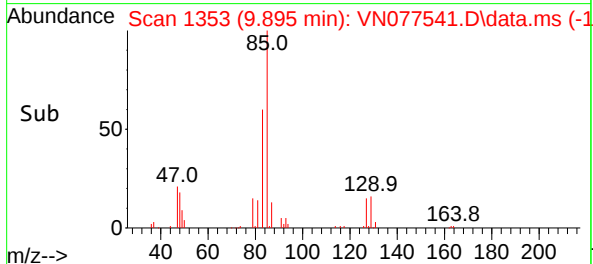
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



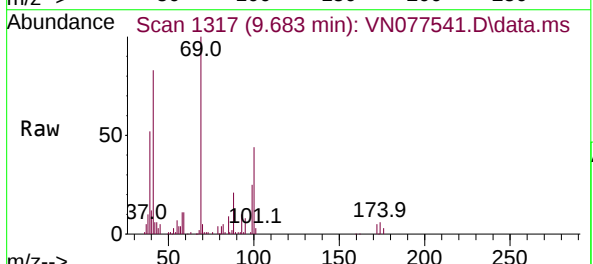
Tgt Ion: 83 Resp: 200904
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 9.3 7.0 10.6

Manual Integrations
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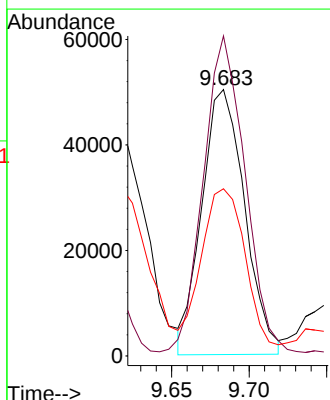
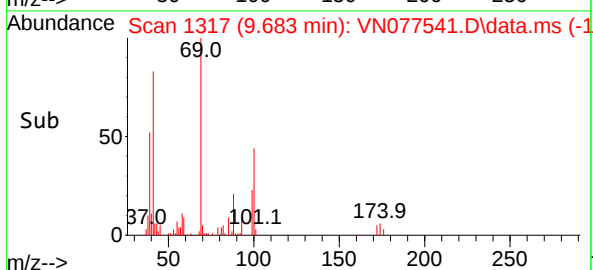
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

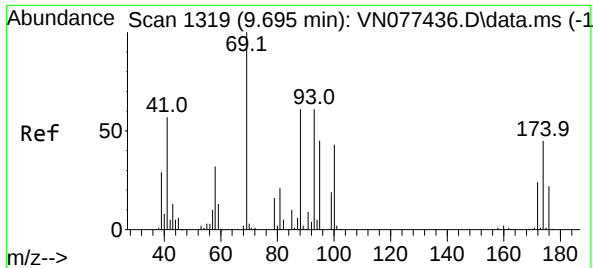


#48
Methyl methacrylate
Concen: 15.254 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



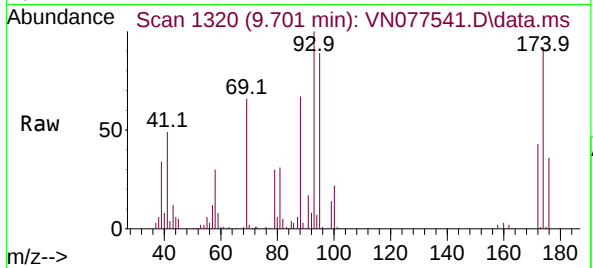
Tgt Ion: 41 Resp: 96559
Ion Ratio Lower Upper
41 100
69 116.7 90.4 135.6
39 66.4 54.6 81.8





#49
1,4-Dioxane
Concen: 325.386 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

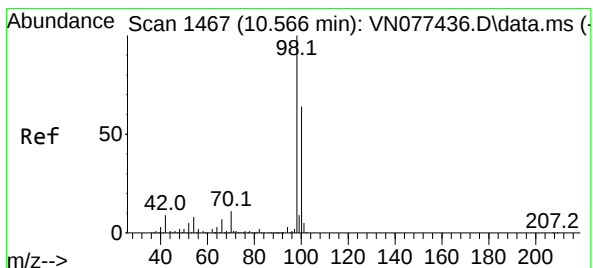
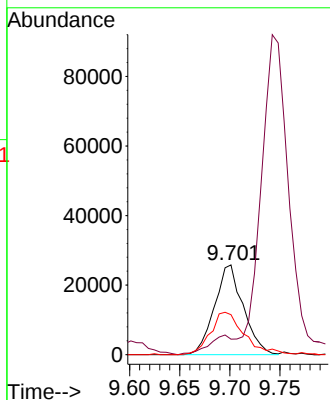
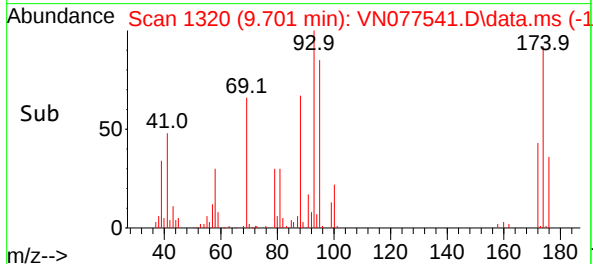
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 88 Resp: 5166
Ion Ratio Lower Upper
88 100
43 17.1 17.0 25.6
58 55.3 47.0 70.4

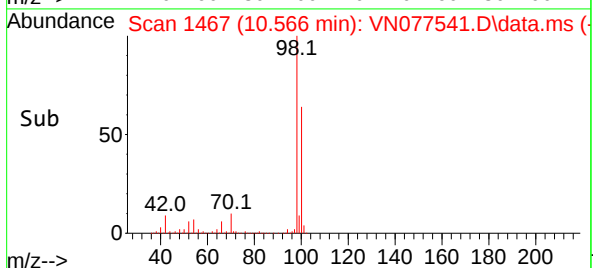
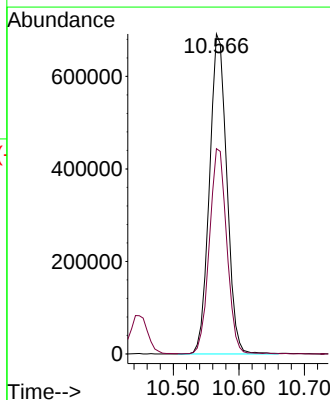
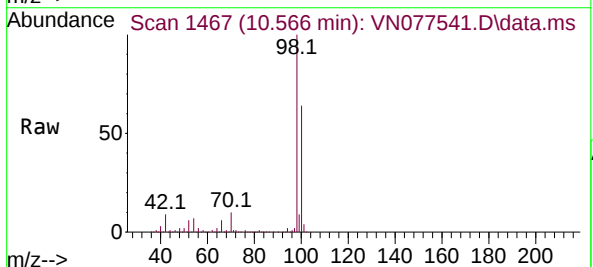
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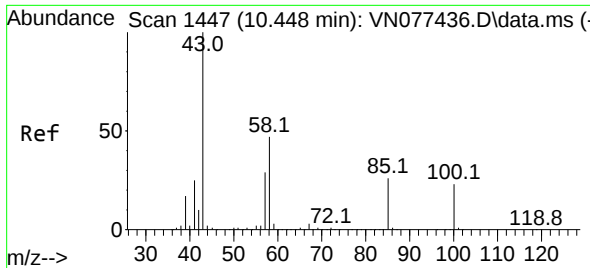
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#50
Toluene-d8
Concen: 45.221 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

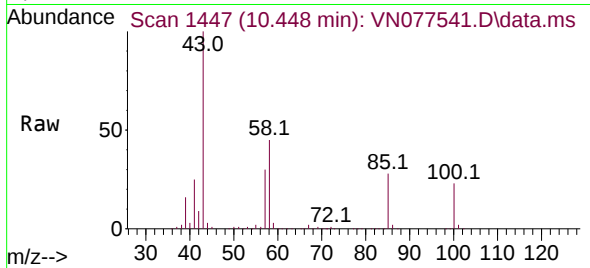
Tgt Ion: 98 Resp: 1269063
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 80.374 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

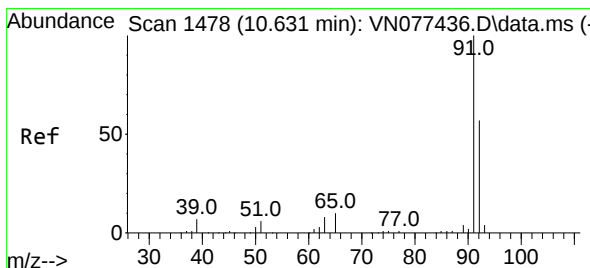
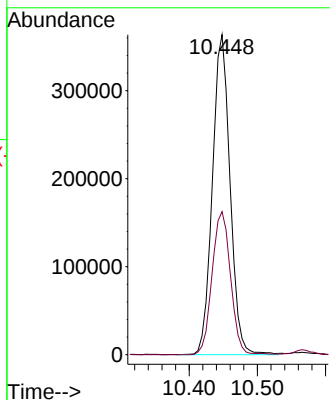
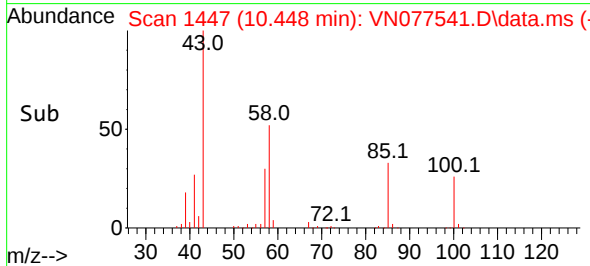
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



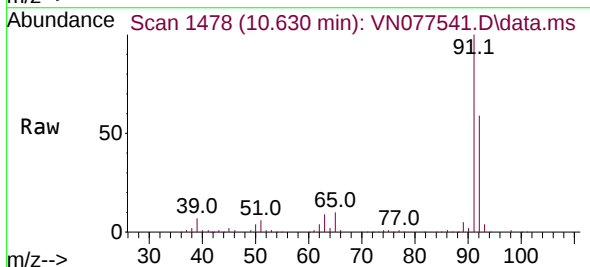
Tgt Ion: 43 Resp: 655604
Ion Ratio Lower Upper
43 100
58 46.9 36.6 54.8

Manual Integrations
APPROVED

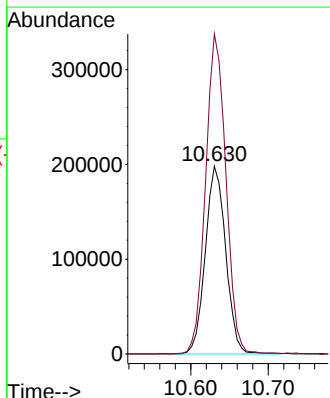
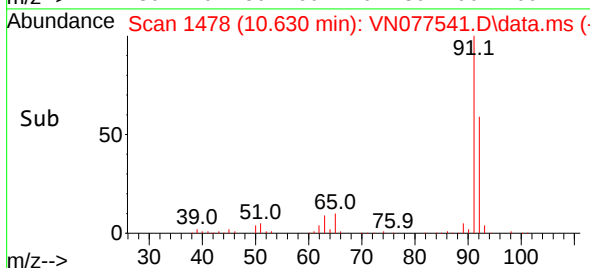
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

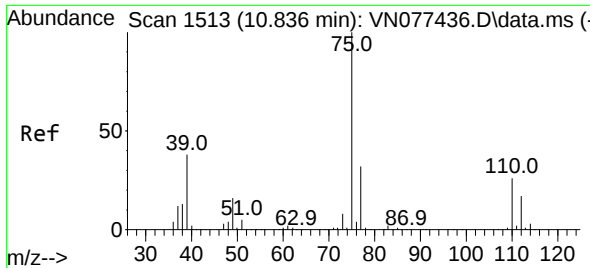


#52
Toluene
Concen: 17.218 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



Tgt Ion: 92 Resp: 363503
Ion Ratio Lower Upper
92 100
91 169.3 137.4 206.0





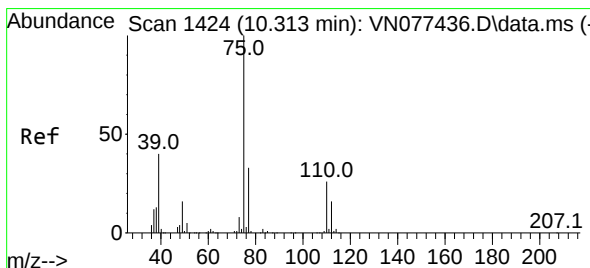
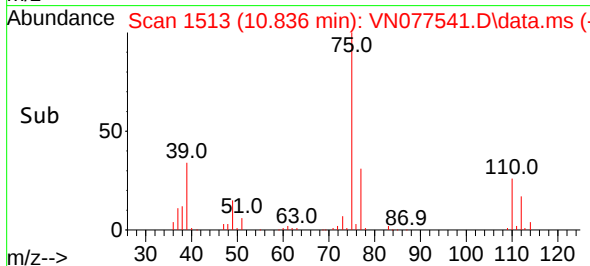
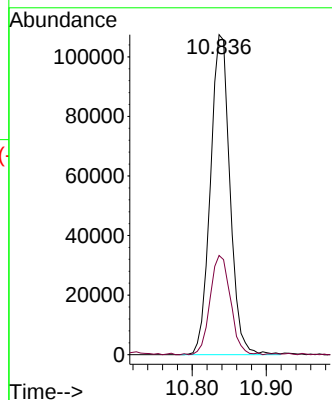
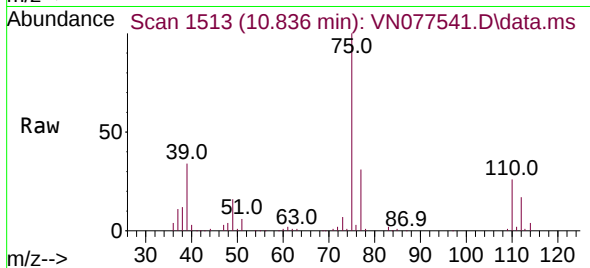
#53
t-1,3-Dichloropropene
Concen: 16.387 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01

Tgt Ion: 75 Resp: 196609
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

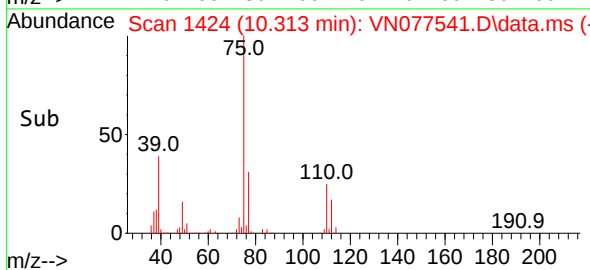
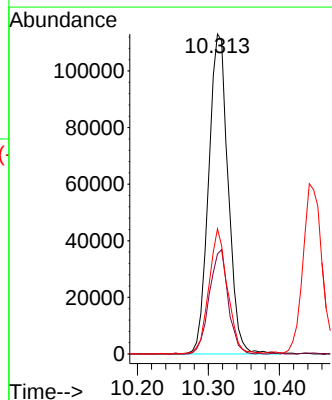
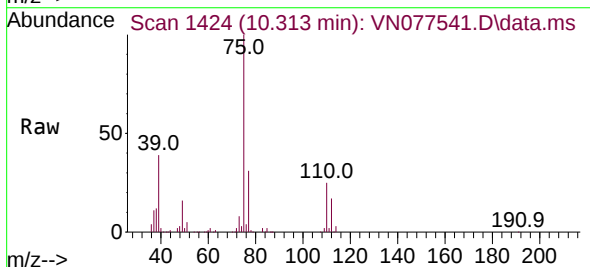
Manual Integrations
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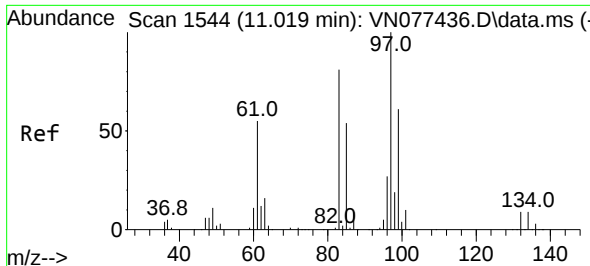
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#54
cis-1,3-Dichloropropene
Concen: 16.522 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

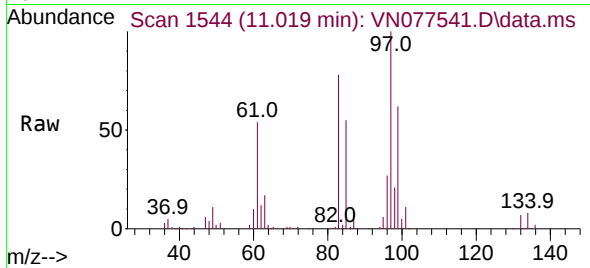
Tgt Ion: 75 Resp: 215769
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 39.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 17.428 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

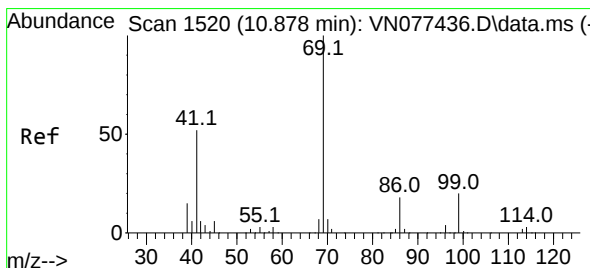
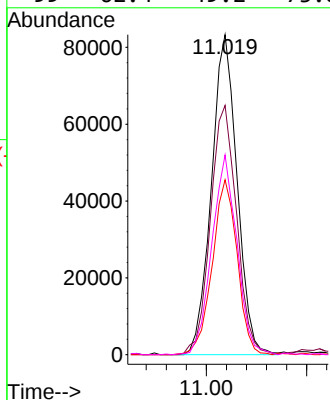
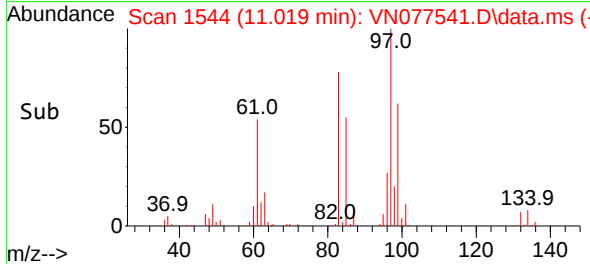
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion:	97	Resp:	147960
Ion	Ratio	Lower	Upper
97	100		
83	77.9	65.1	97.7
85	54.4	43.4	65.2
99	62.4	49.2	73.8

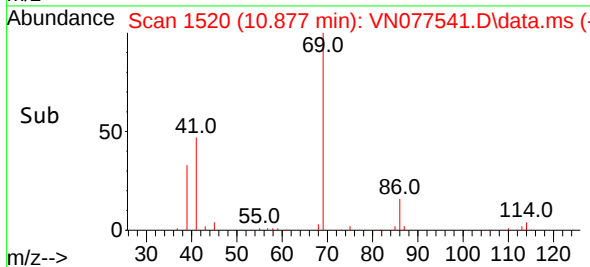
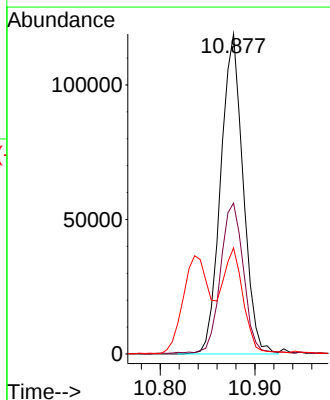
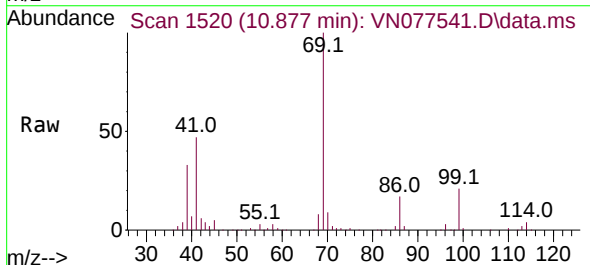
Manual Integrations
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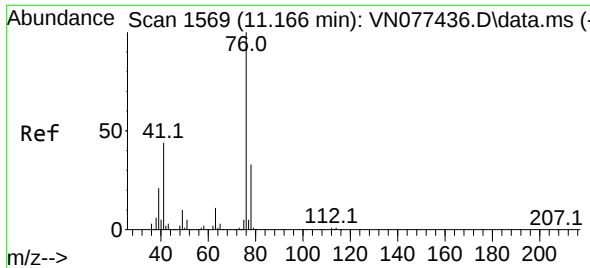
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#56
Ethyl methacrylate
Concen: 16.454 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

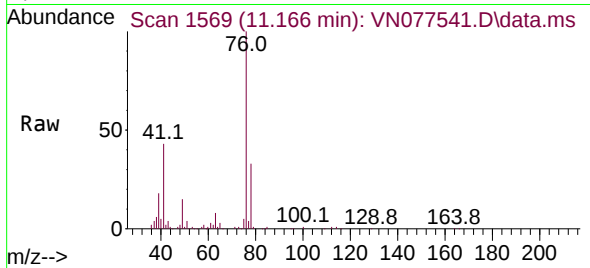
Tgt Ion:	69	Resp:	195738
Ion	Ratio	Lower	Upper
69	100		
41	49.3	39.6	59.4
39	28.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 17.193 ug/l
RT: 11.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

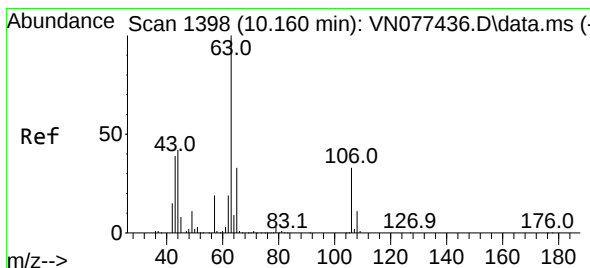
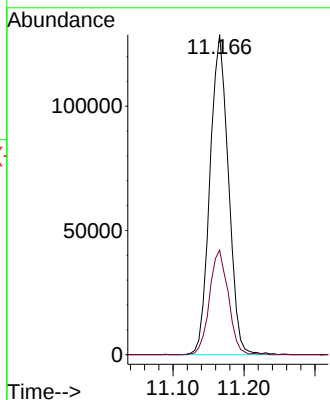
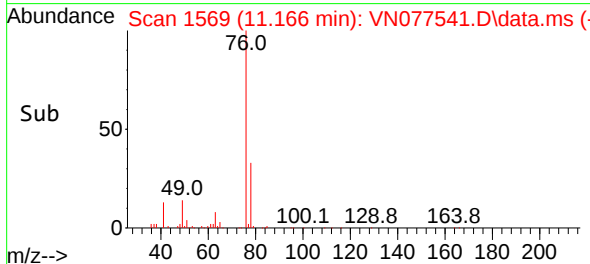
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 76 Resp: 232494
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1

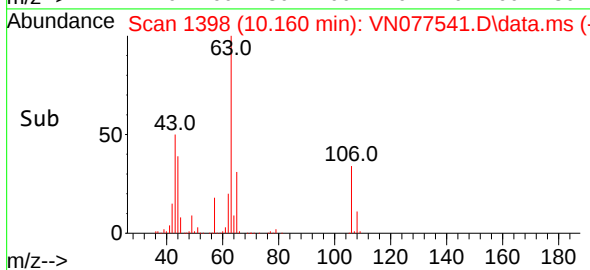
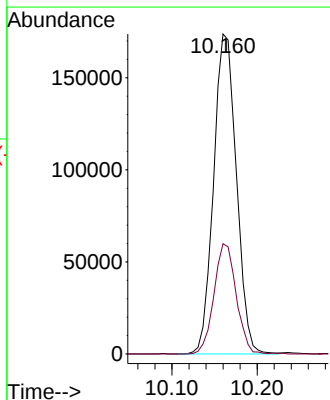
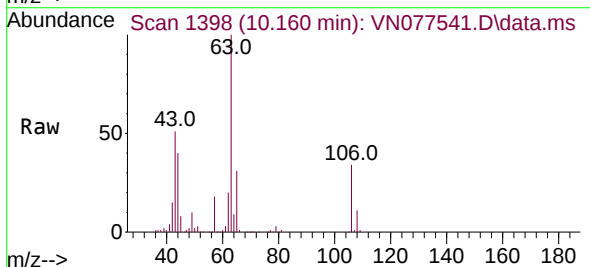
Manual Integrations
APPROVED

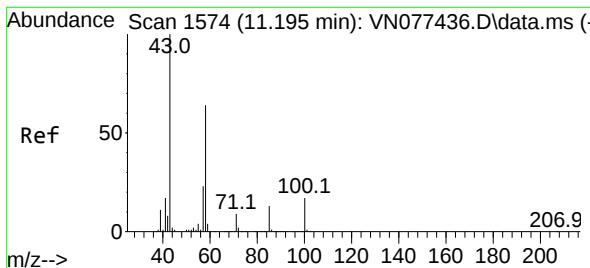
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 80.352 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

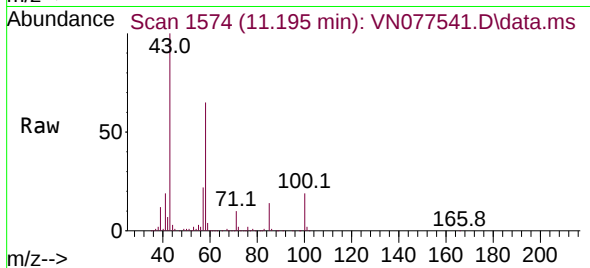
Tgt Ion: 63 Resp: 323306
Ion Ratio Lower Upper
63 100
106 33.5 26.2 39.4





#59
2-Hexanone
Concen: 82.342 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

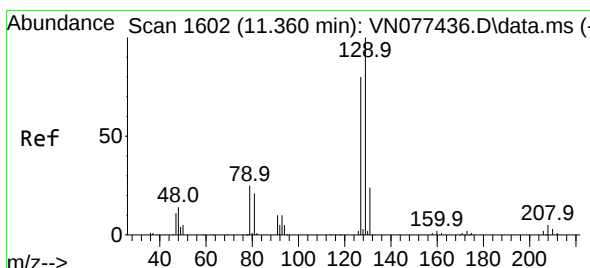
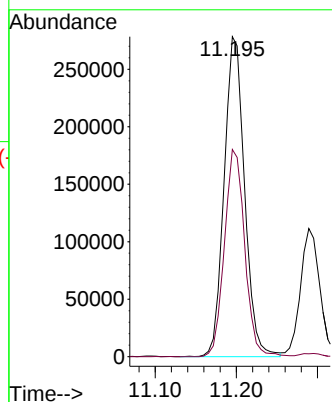
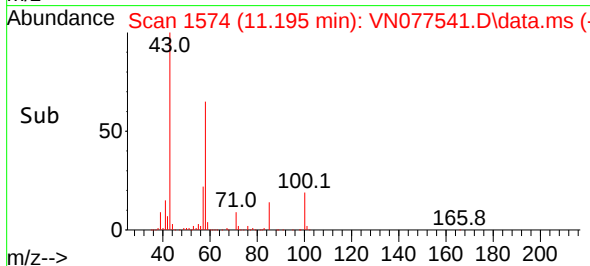
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 43 Resp: 488220
Ion Ratio Lower Upper
43 100
58 64.2 31.7 95.1

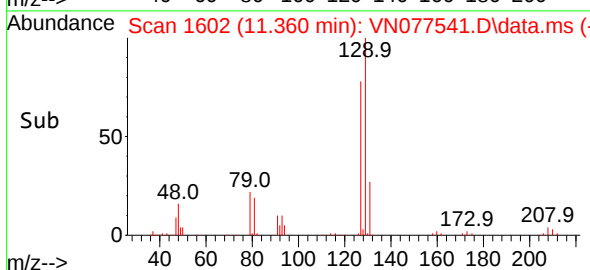
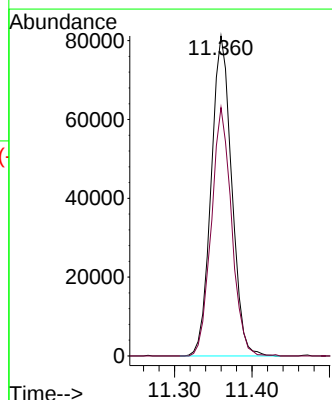
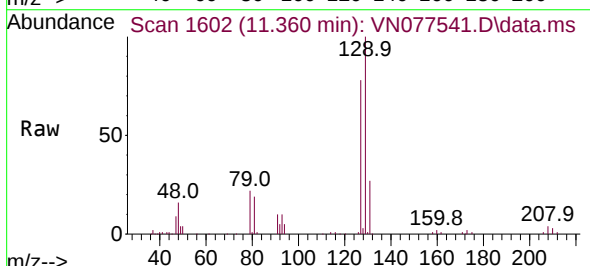
Manual Integrations
APPROVED

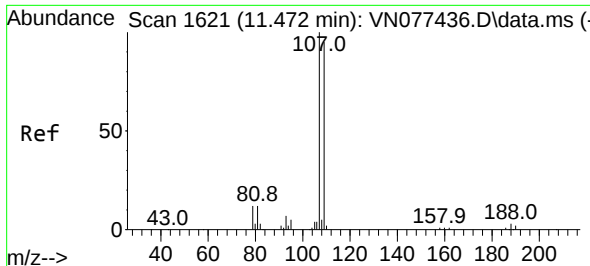
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#60
Dibromochloromethane
Concen: 16.945 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

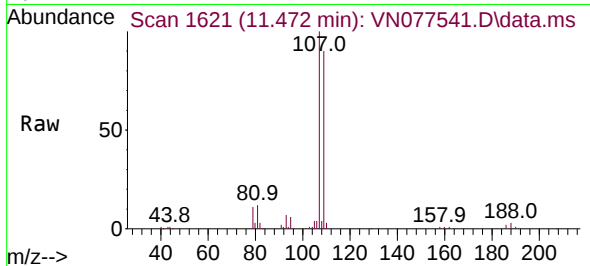
Tgt Ion:129 Resp: 149295
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.963 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

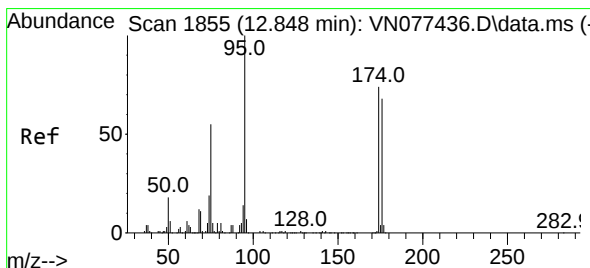
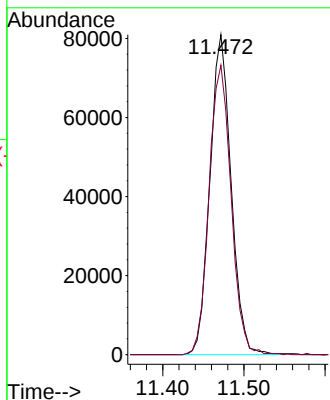
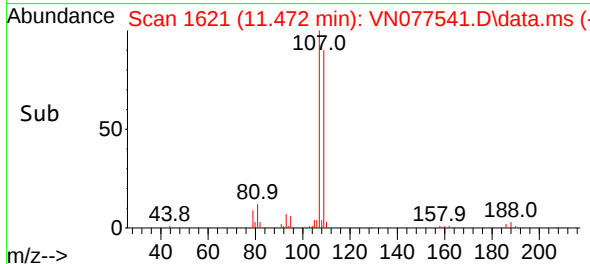
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



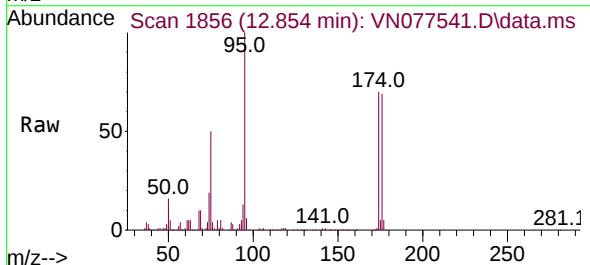
Tgt Ion: 107 Resp: 147025
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8

Manual Integrations
APPROVED

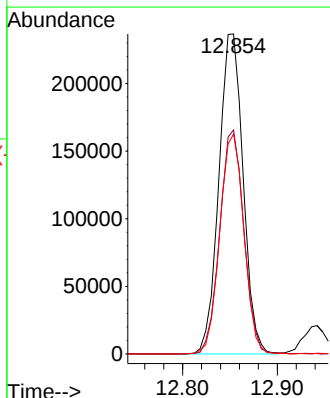
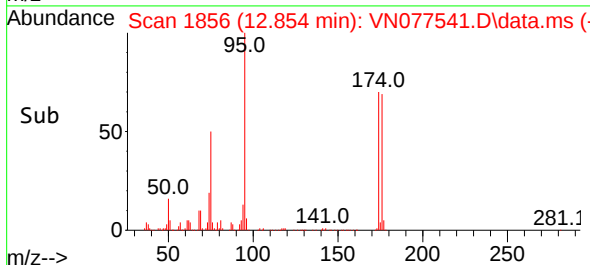
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

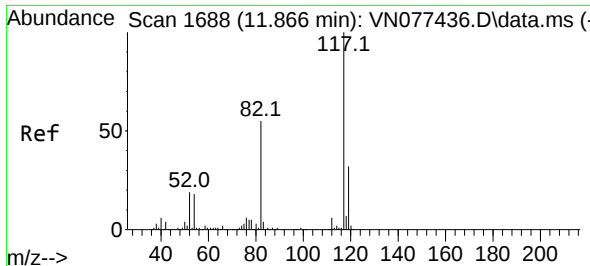


#62
4-Bromofluorobenzene
Concen: 45.856 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



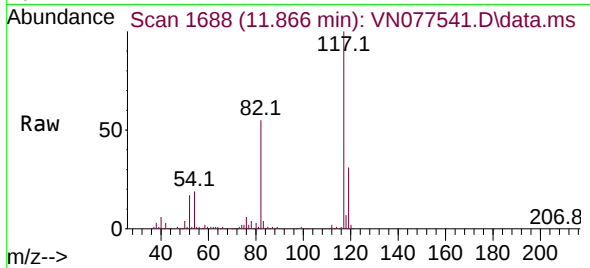
Tgt Ion: 95 Resp: 421035
Ion Ratio Lower Upper
95 100
174 69.4 0.0 143.8
176 68.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1112274
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

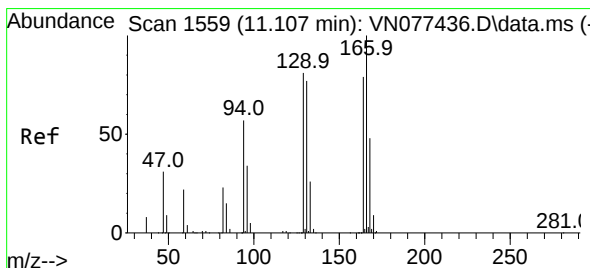
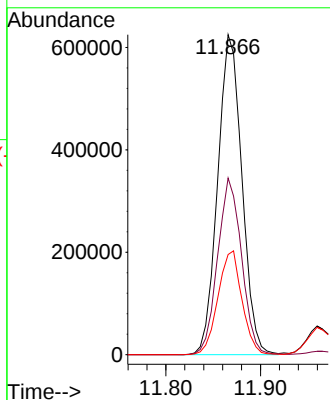
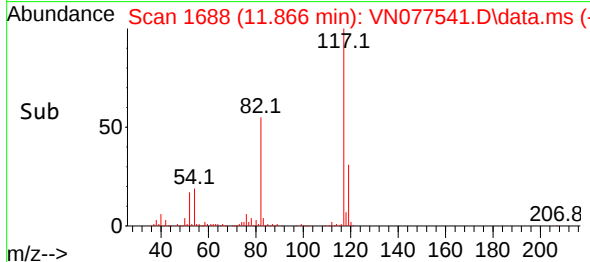
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion:117 Resp: 1112274
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 31.3 25.6 38.4

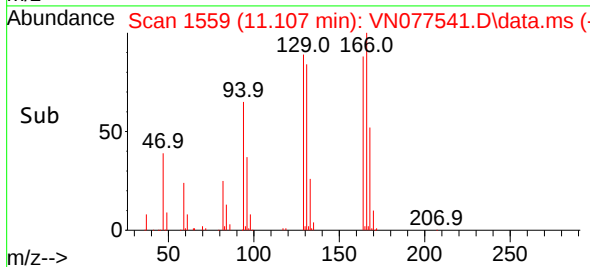
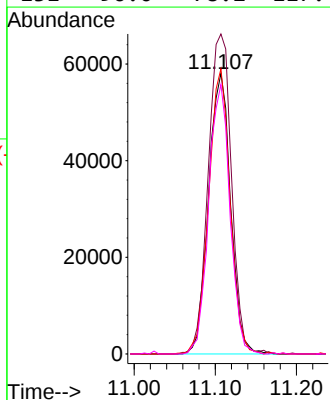
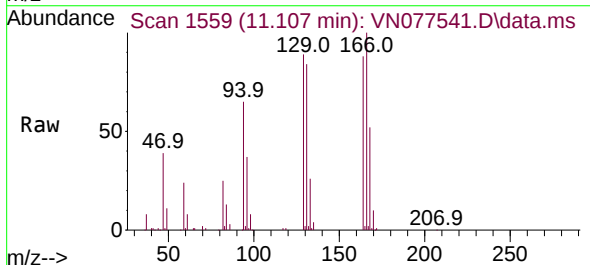
Manual Integrations
APPROVED

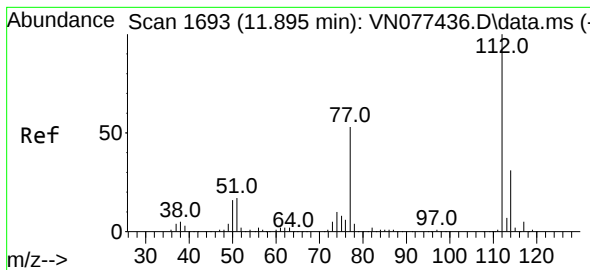
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#64
Tetrachloroethene
Concen: 16.557 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

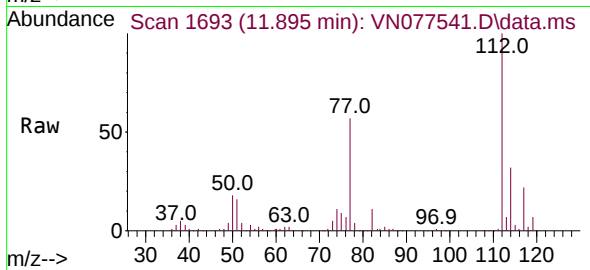
Tgt Ion:164 Resp: 110237
Ion Ratio Lower Upper
164 100
166 114.1 101.4 152.0
129 101.7 82.4 123.6
131 96.0 78.2 117.4





#65
Chlorobenzene
Concen: 16.159 ug/l
RT: 11.895 min Scan# 11895
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

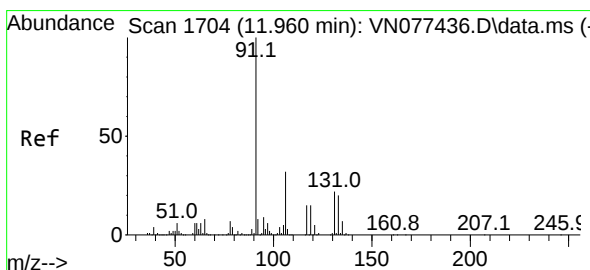
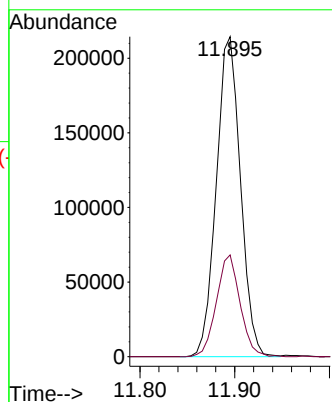
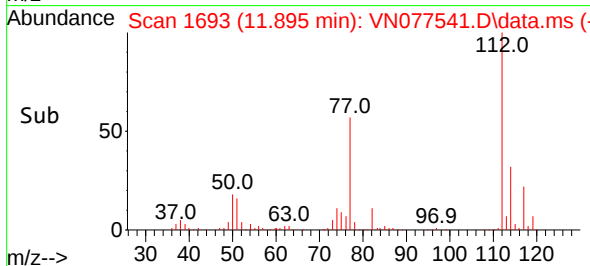
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



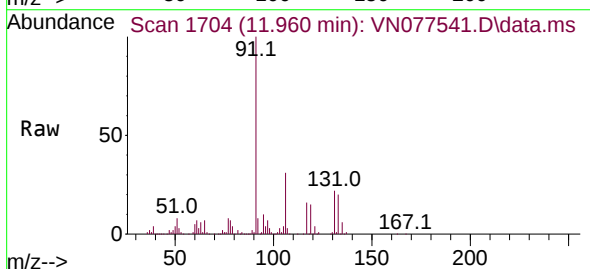
Tgt Ion:112 Resp: 380338
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4

Manual Integrations
APPROVED

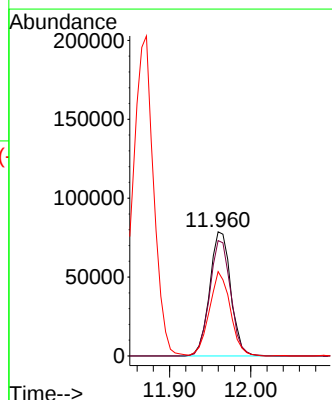
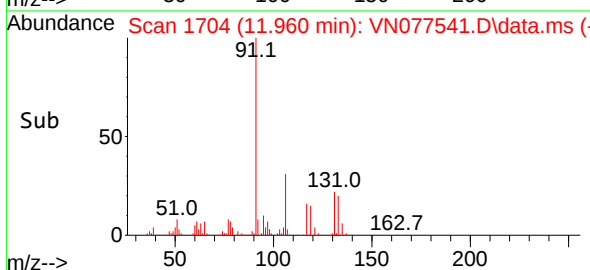
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

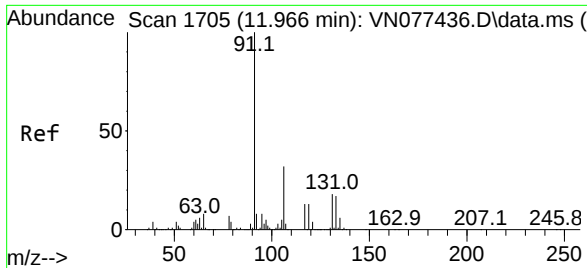


#66
1,1,1,2-Tetrachloroethane
Concen: 16.575 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



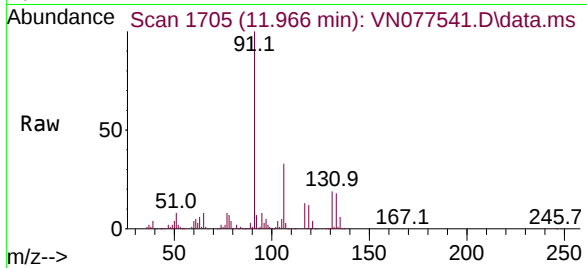
Tgt Ion:131 Resp: 141938
Ion Ratio Lower Upper
131 100
133 92.7 46.4 139.1
119 67.5 34.1 102.2





#67
Ethyl Benzene
Concen: 16.649 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

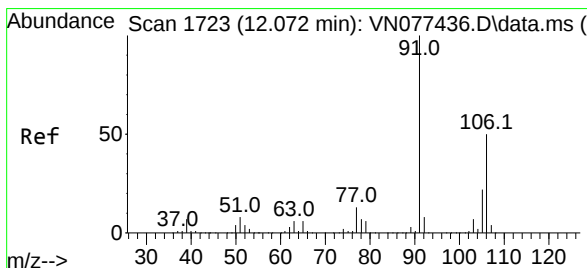
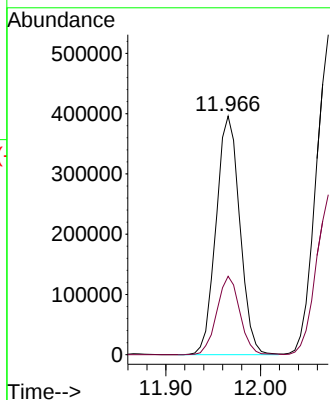
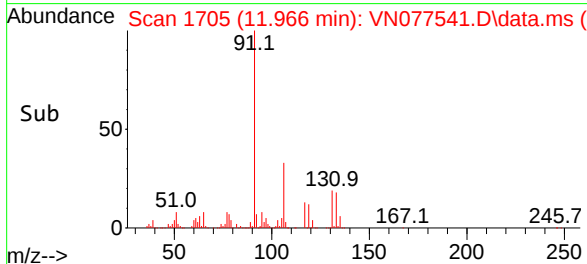
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



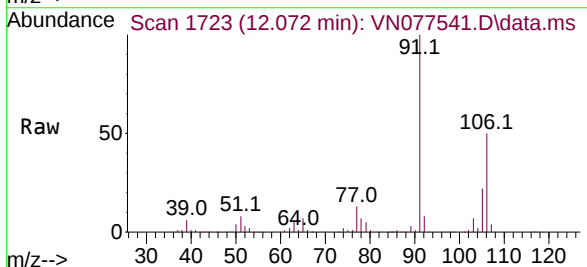
Tgt Ion: 91 Resp: 68982
Ion Ratio Lower Upper
91 100
106 32.9 25.6 38.4

Manual Integrations
APPROVED

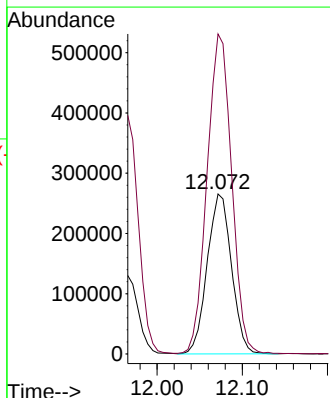
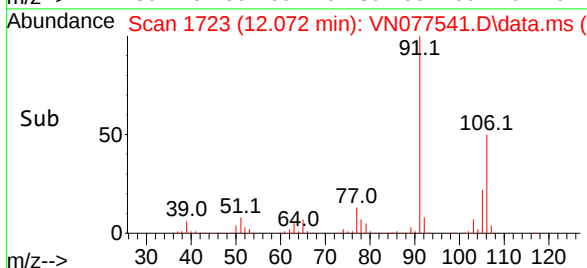
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

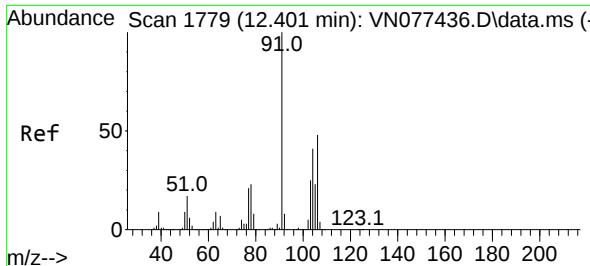


#68
m/p-Xylenes
Concen: 32.660 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



Tgt Ion:106 Resp: 525939
Ion Ratio Lower Upper
106 100
91 203.0 159.6 239.4





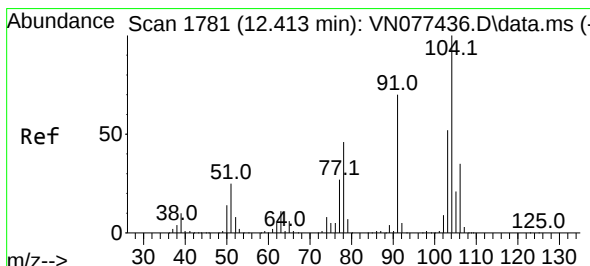
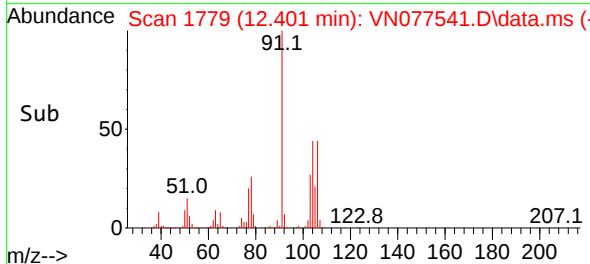
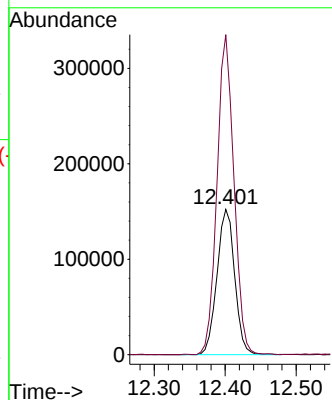
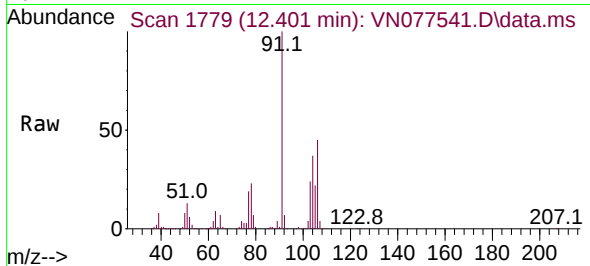
#69
o-Xylene
Concen: 16.607 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01

Tgt Ion:106 Resp: 263050
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.5

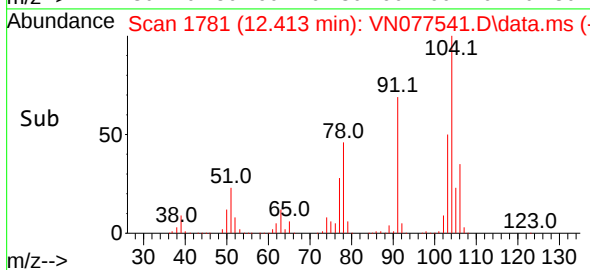
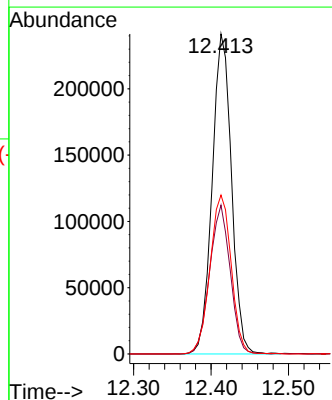
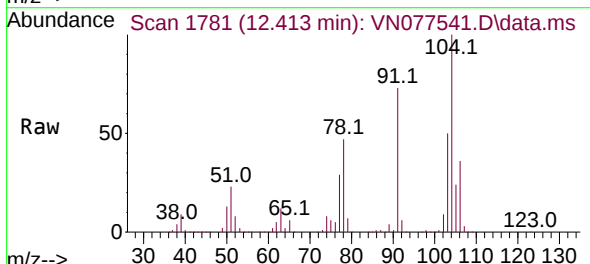
Manual Integrations
APPROVED

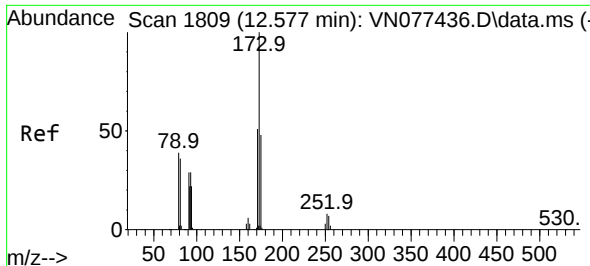
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#70
Styrene
Concen: 16.871 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

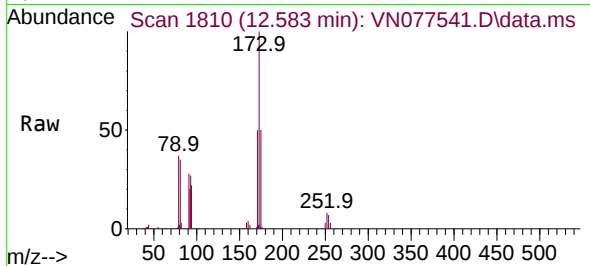
Tgt Ion:104 Resp: 417903
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.5 43.2 64.8





#71
Bromoform
Concen: 16.519 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

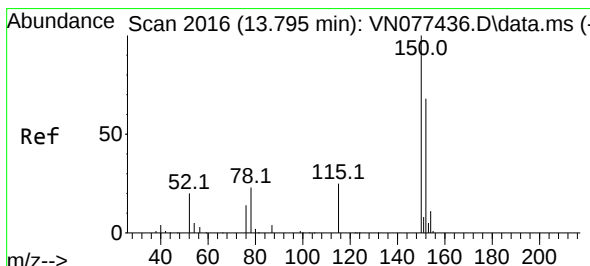
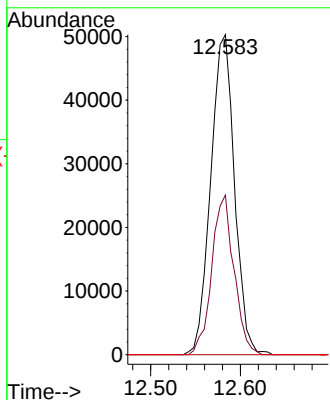
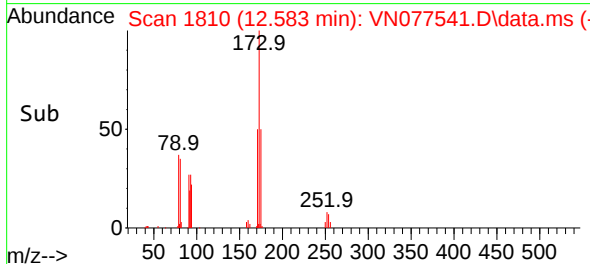
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion:173 Resp: 92540
Ion Ratio Lower Upper
173 100
175 46.6 24.3 73.0
254 0.0 0.0 0.0

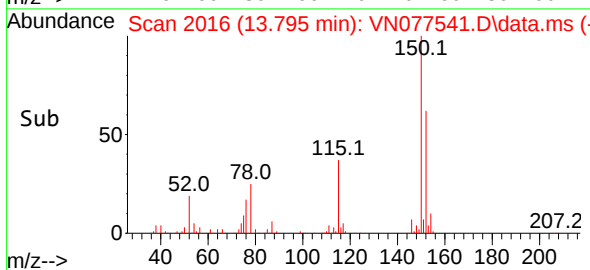
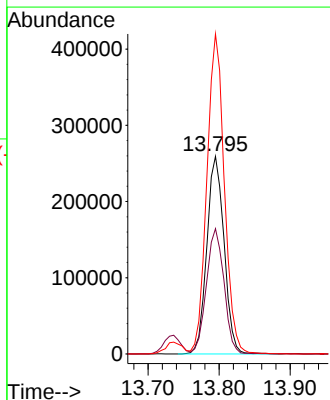
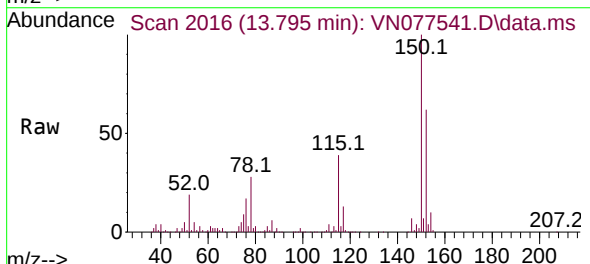
Manual Integrations
APPROVED

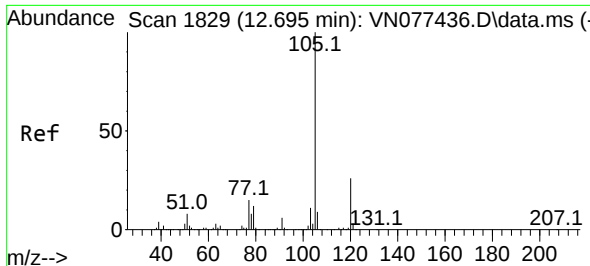
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

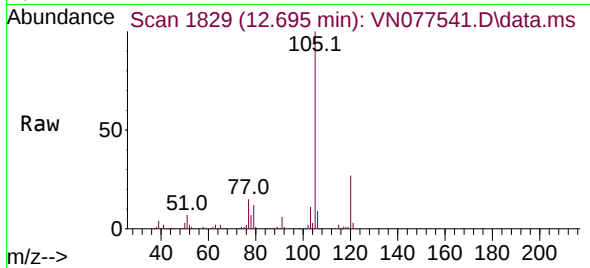
Tgt Ion:152 Resp: 437673
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 164.1 0.0 355.8





#73
Isopropylbenzene
Concen: 16.825 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

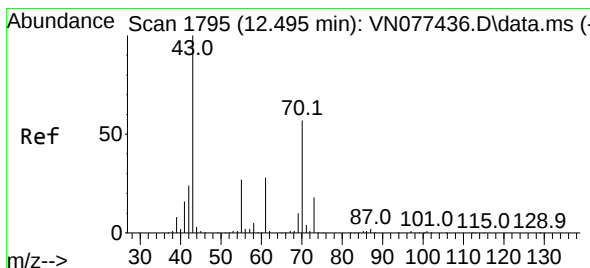
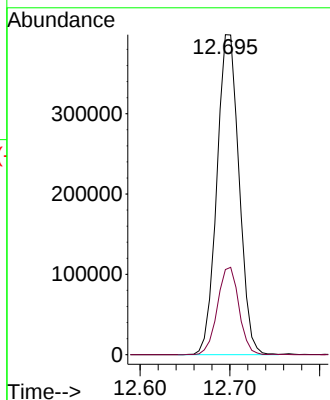
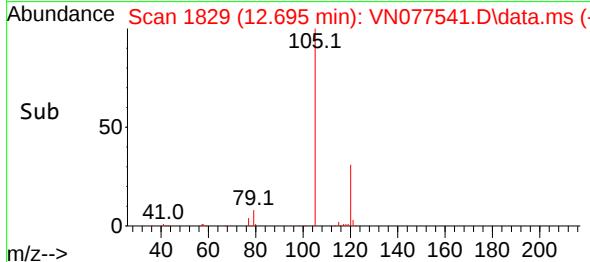
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



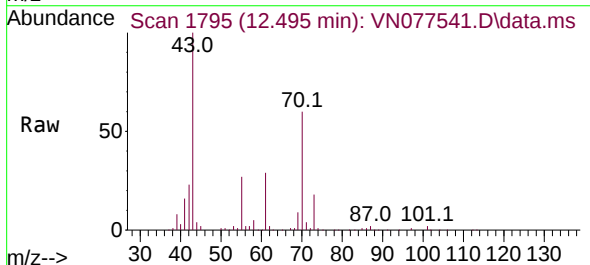
Tgt Ion:105 Resp: 68334
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

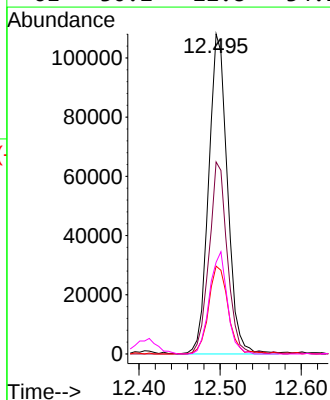
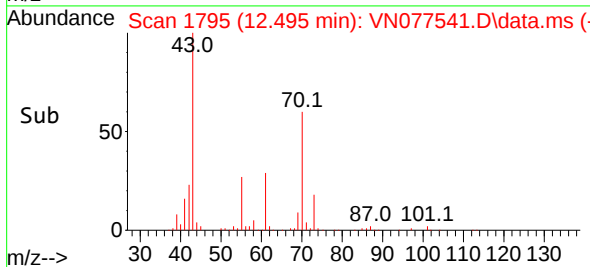
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

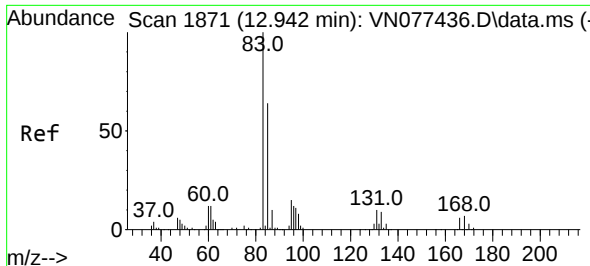


#74
N-ethyl acetate
Concen: 14.445 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



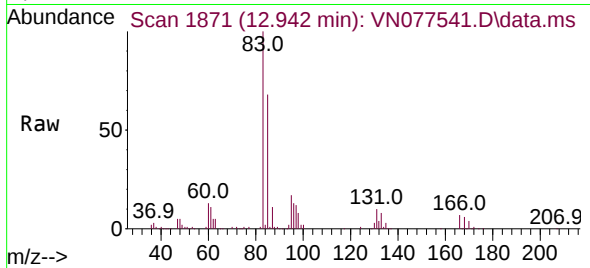
Tgt Ion: 43 Resp: 173683
Ion Ratio Lower Upper
43 100
70 58.1 43.4 65.2
55 28.5 21.4 32.0
61 30.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 16.054 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

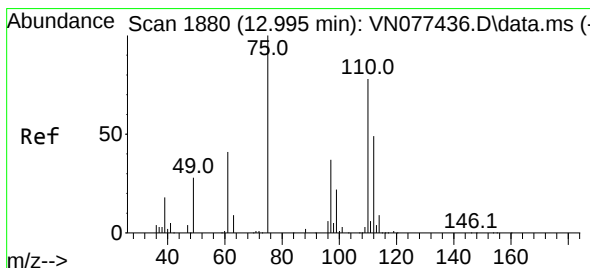
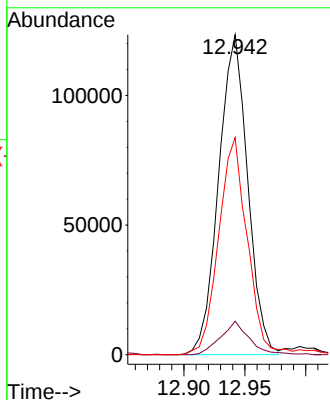
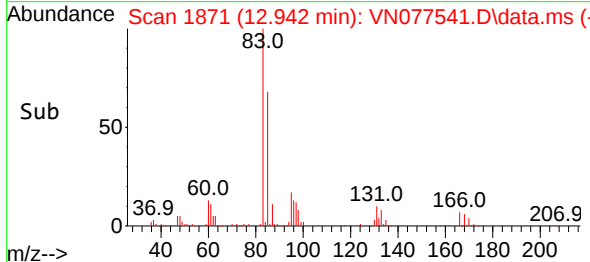
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



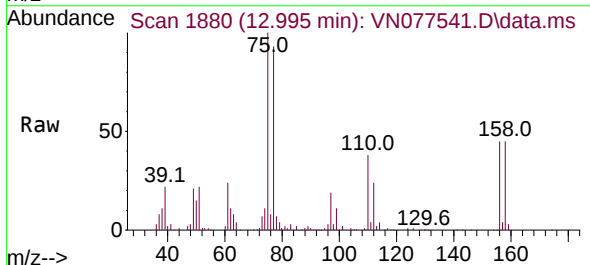
Tgt Ion: 83 Resp: 204869
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 66.8 31.9 95.7

Manual Integrations
APPROVED

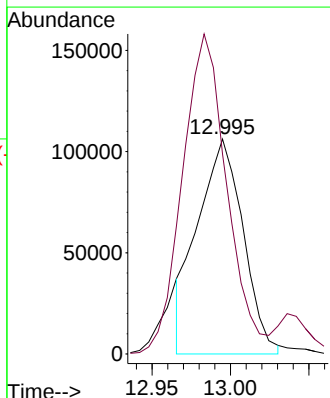
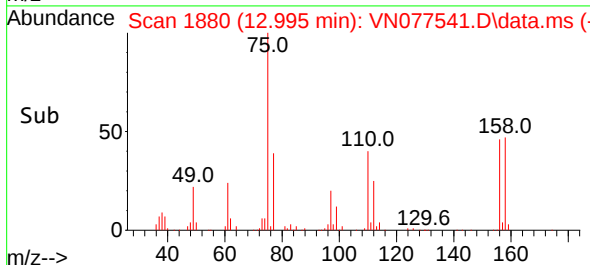
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

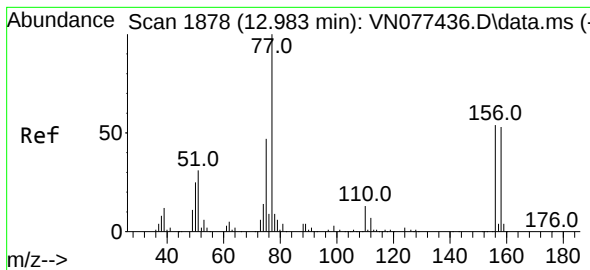


#76
1,2,3-Trichloropropane
Concen: 21.071 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



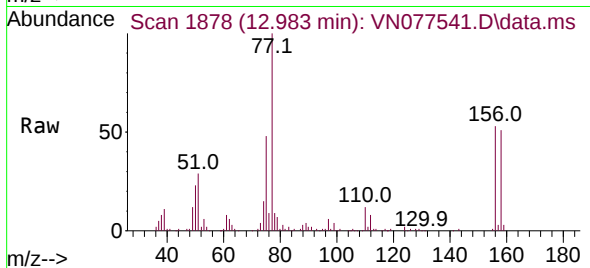
Tgt Ion: 75 Resp: 214451
Ion Ratio Lower Upper
75 100
77 145.5 84.5 253.5





#77
Bromobenzene
Concen: 16.358 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

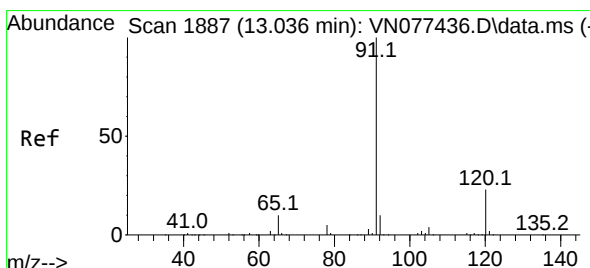
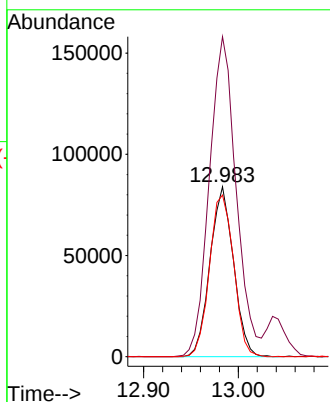
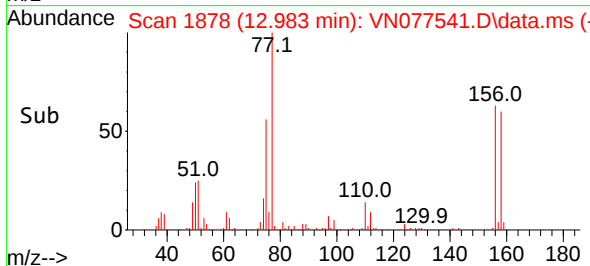
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion:156 Resp: 144792
Ion Ratio Lower Upper
156 100
77 215.5 107.7 323.3
158 97.8 48.4 145.3

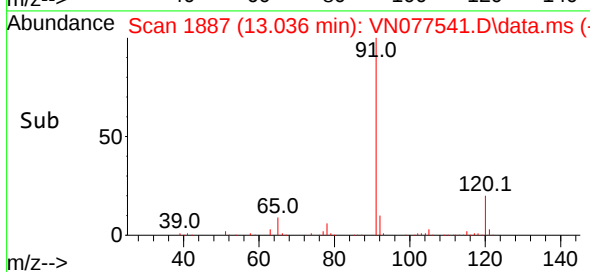
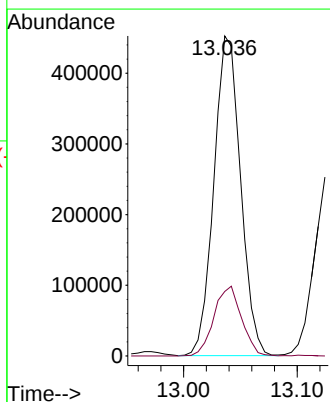
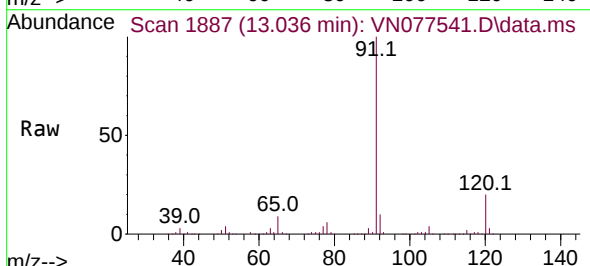
Manual Integrations
APPROVED

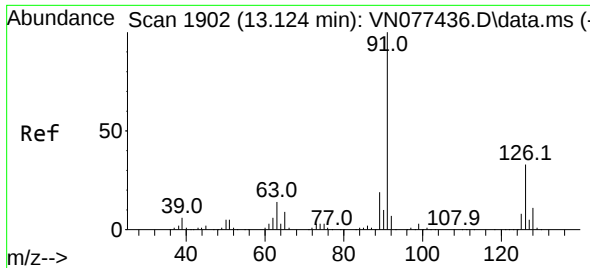
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#78
n-propylbenzene
Concen: 16.462 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

Tgt Ion: 91 Resp: 739268
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





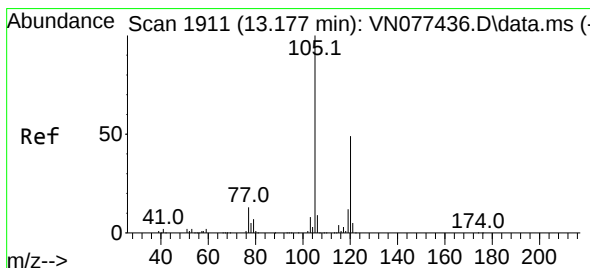
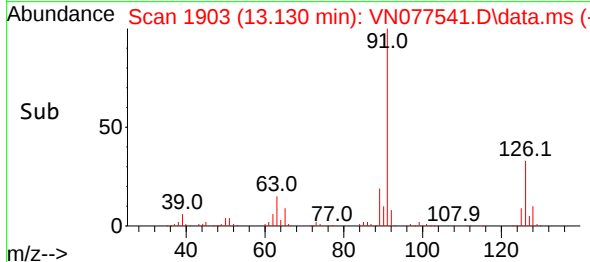
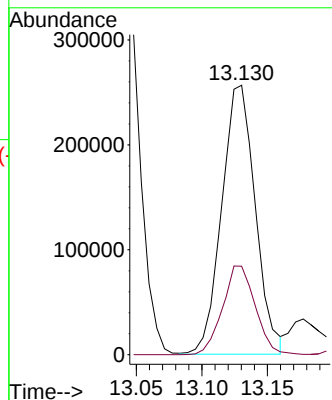
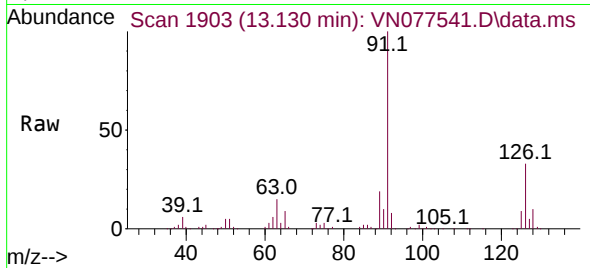
#79
2-Chlorotoluene
Concen: 16.491 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01

Tgt Ion: 91 Resp: 456599
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

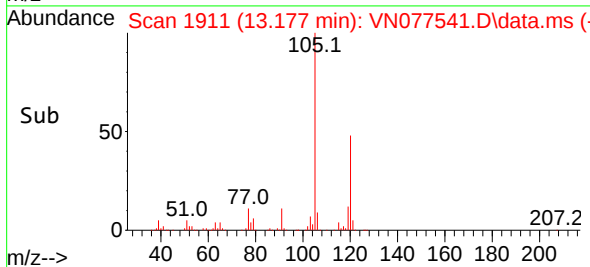
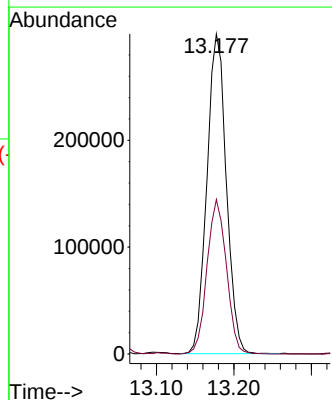
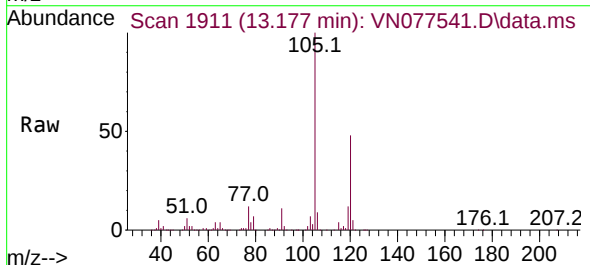
Manual Integrations
APPROVED

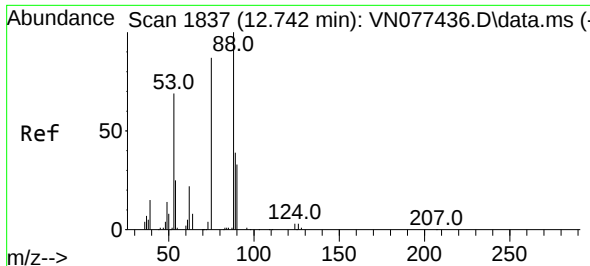
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.228 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

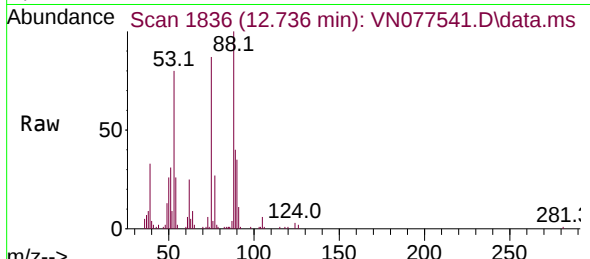
Tgt Ion:105 Resp: 519606
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.231 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

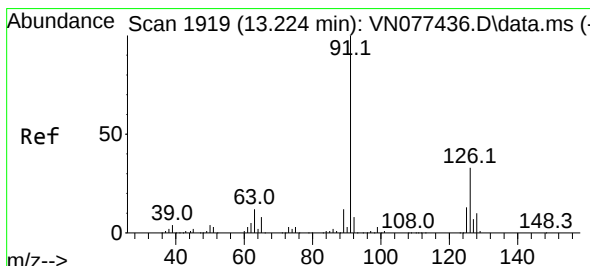
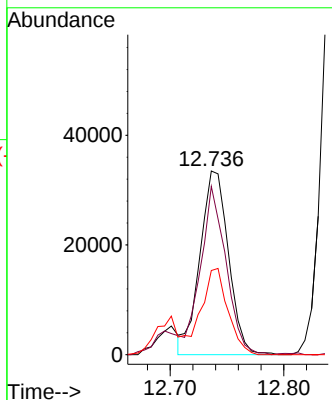
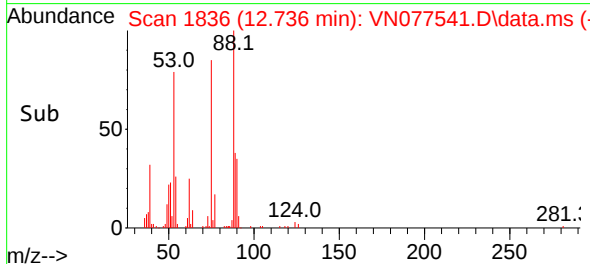
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion: 75 Resp: 5847
Ion Ratio Lower Upper
75 100
53 80.8 67.4 101.2
89 41.4 38.8 58.2

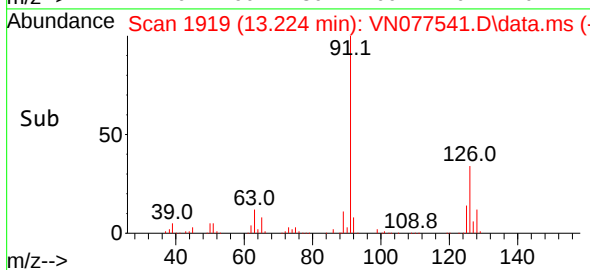
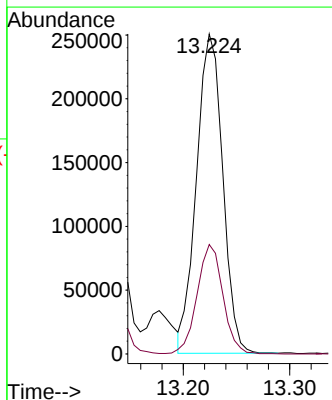
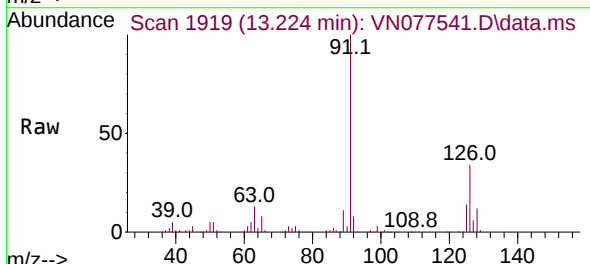
Manual Integrations
APPROVED

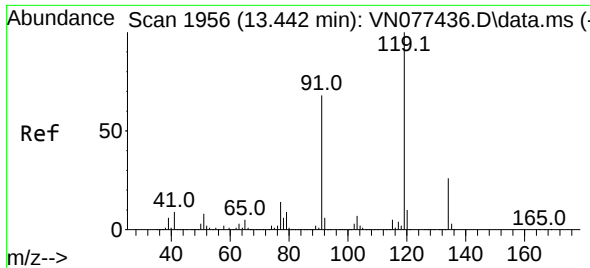
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#82
4-Chlorotoluene
Concen: 16.590 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

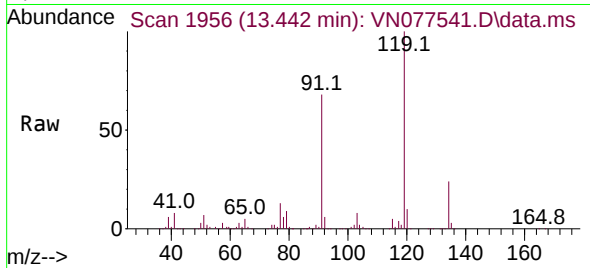
Tgt Ion: 91 Resp: 429208
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.554 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

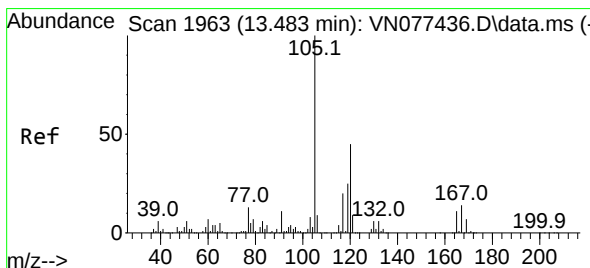
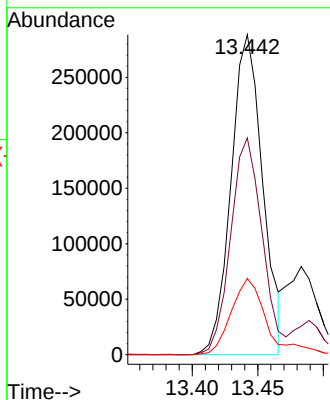
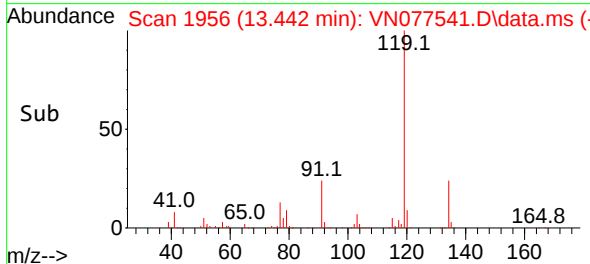
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



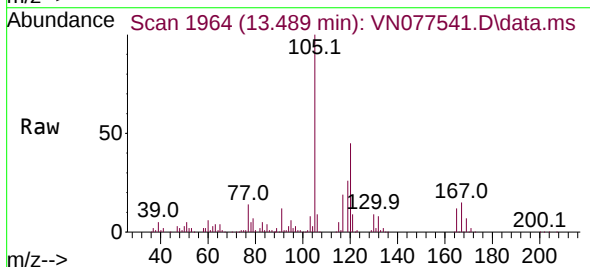
Tgt Ion:119 Resp: 48488
Ion Ratio Lower Upper
119 100
91 67.7 33.9 101.7
134 26.5 13.2 39.6

Manual Integrations
APPROVED

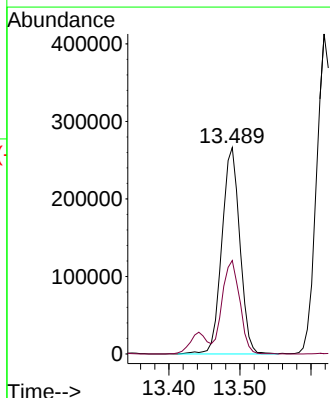
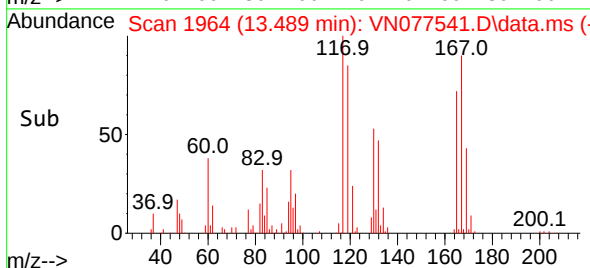
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

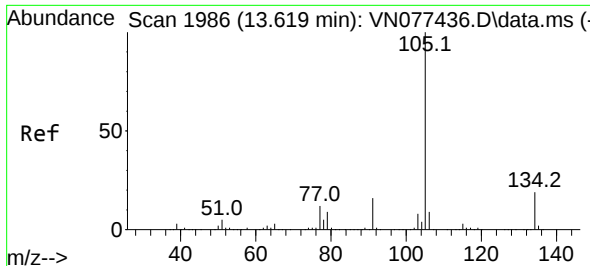


#84
1,2,4-Trimethylbenzene
Concen: 16.570 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41



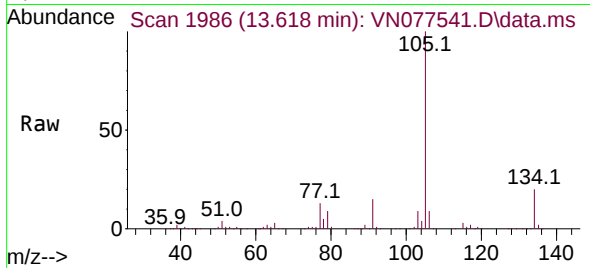
Tgt Ion:105 Resp: 466745
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 16.504 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077541.D
 Acq: 01 May 2023 12:41

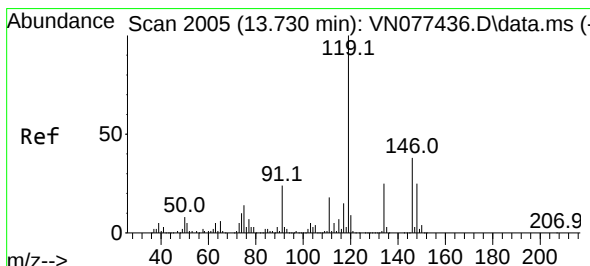
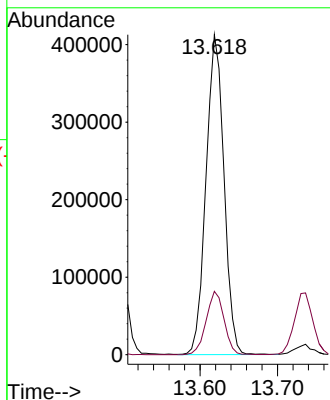
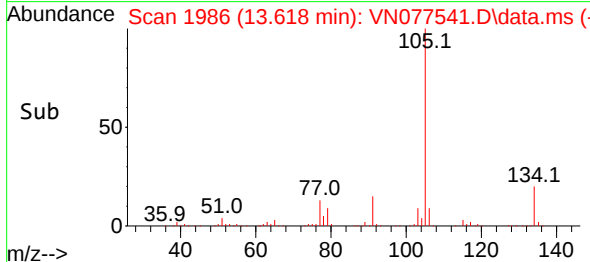
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS01



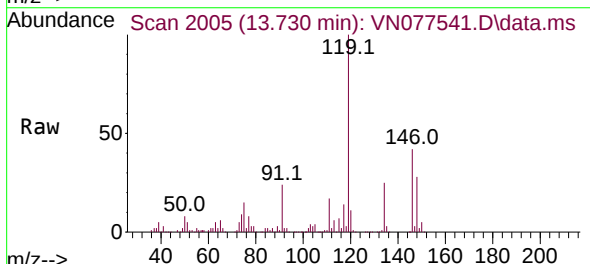
Tgt Ion:105 Resp: 66351
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

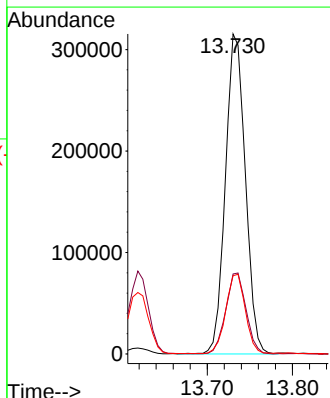
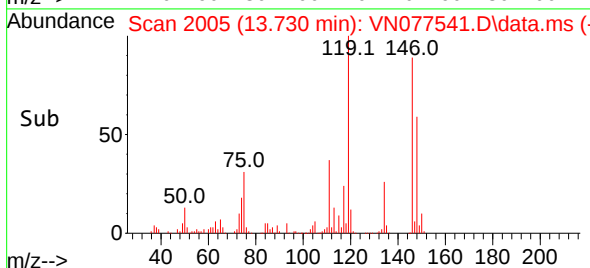
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

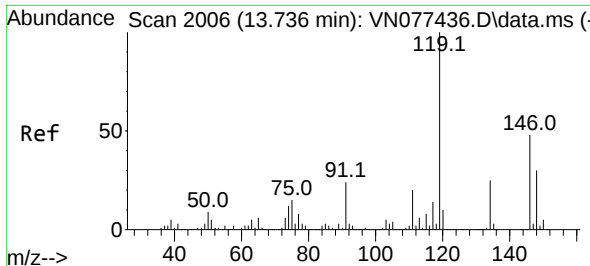


#86
 p-Isopropyltoluene
 Concen: 16.627 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077541.D
 Acq: 01 May 2023 12:41



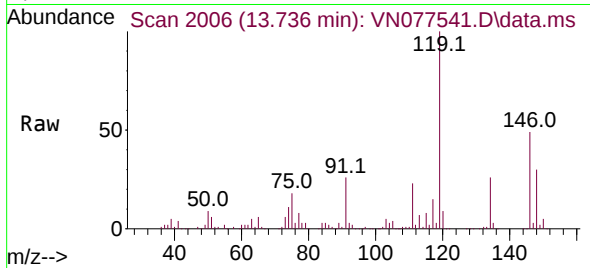
Tgt Ion:119 Resp: 514339
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 16.066 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

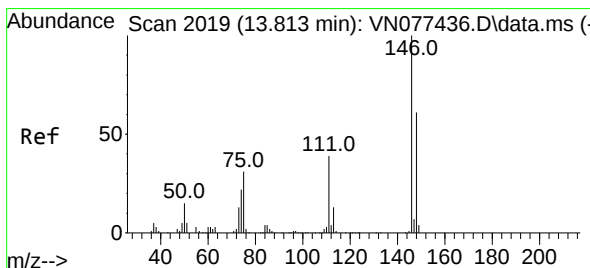
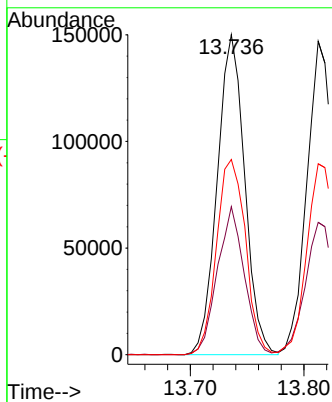
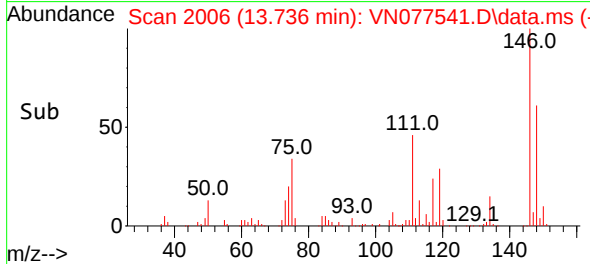
Instrument :
MSVOA_N
ClientSampleId :
VN0501WBS01



Tgt Ion:146 Resp: 252900
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.3
148 64.2 32.0 96.0

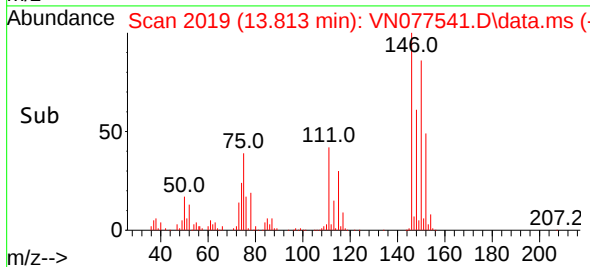
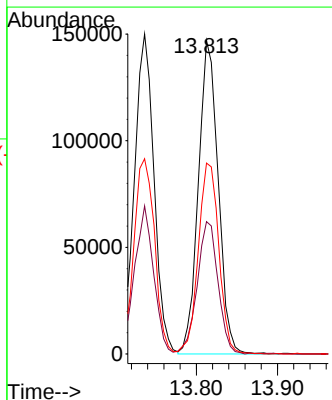
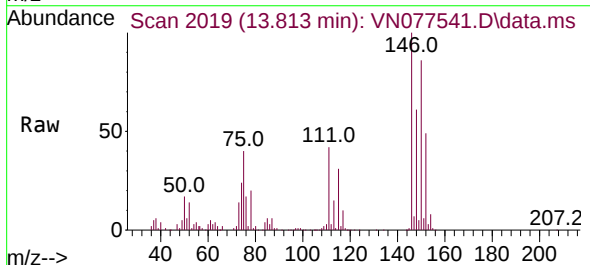
Manual Integrations
APPROVED

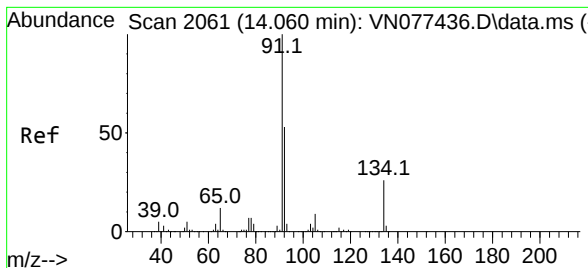
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#88
1,4-Dichlorobenzene
Concen: 16.058 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077541.D
Acq: 01 May 2023 12:41

Tgt Ion:146 Resp: 249593
Ion Ratio Lower Upper
146 100
111 44.2 20.6 61.8
148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 15.853 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS01

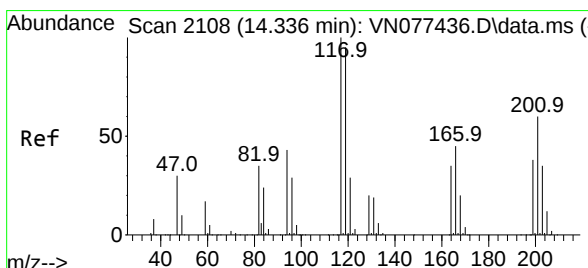
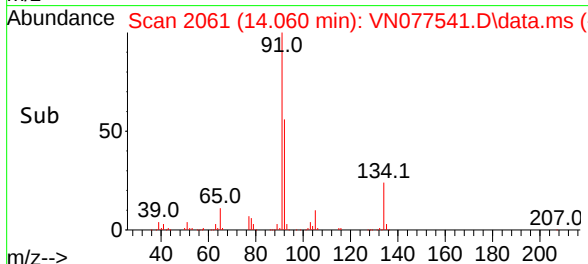
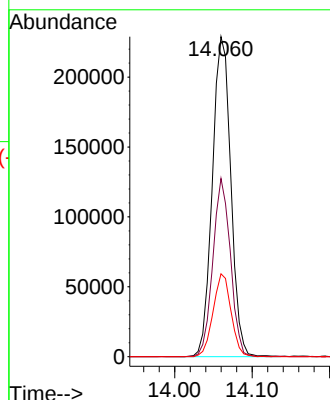
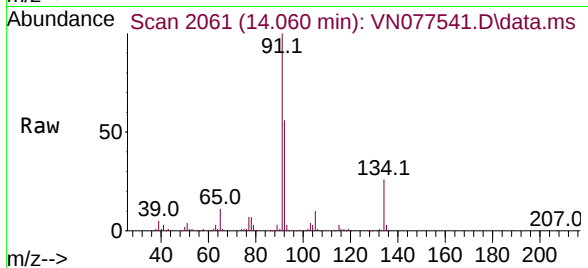
Tgt Ion:	91	Resp:	379498
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.4	79.0
134	25.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#90

Hexachloroethane

Concen: 15.117 ug/l

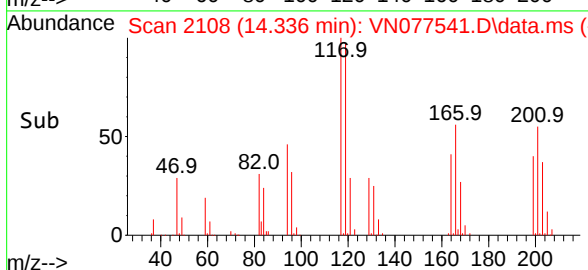
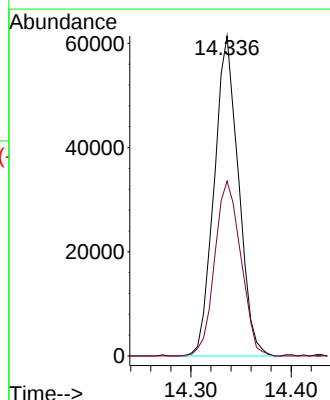
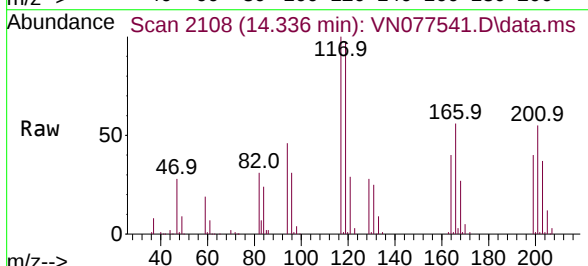
RT: 14.336 min Scan# 2108

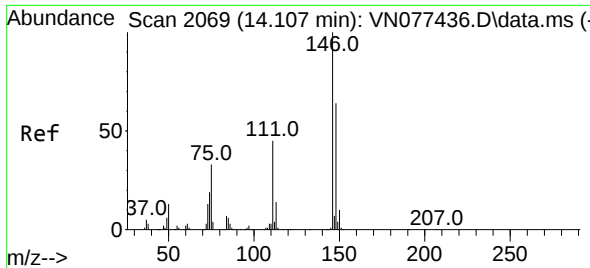
Delta R.T. -0.000 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

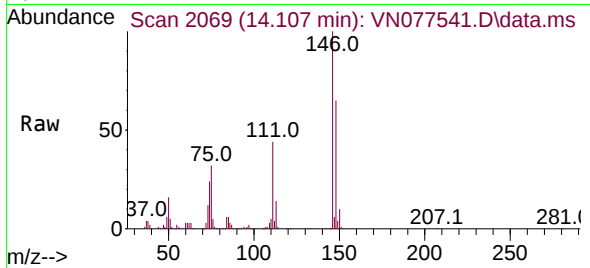
Tgt Ion:	117	Resp:	103309
Ion Ratio	Lower	Upper	
117	100		
201	58.8	29.3	88.0





#91
 1,2-Dichlorobenzene
 Concen: 16.278 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN077541.D
 Acq: 01 May 2023 12:41

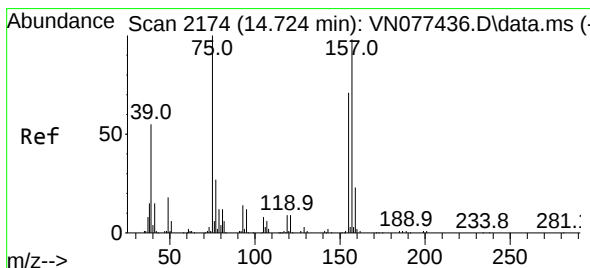
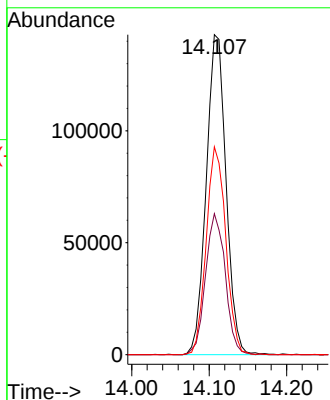
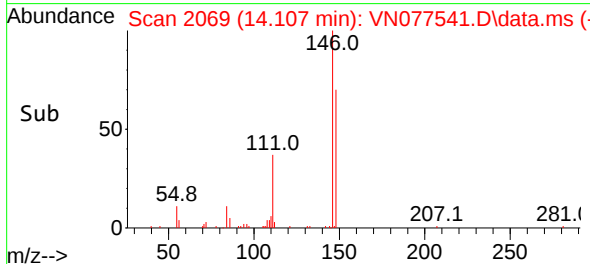
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501WBS01



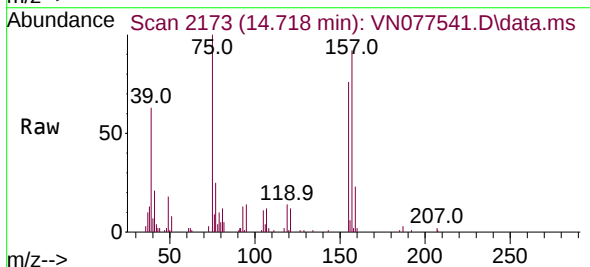
Tgt Ion:146 Resp: 254150
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.0 66.0
 148 64.0 31.8 95.3

Manual Integrations
 APPROVED

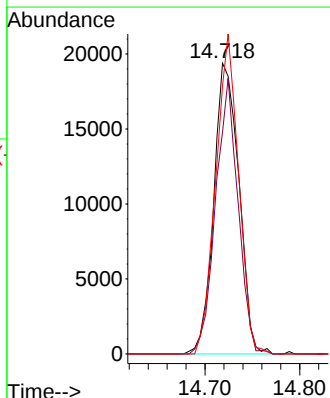
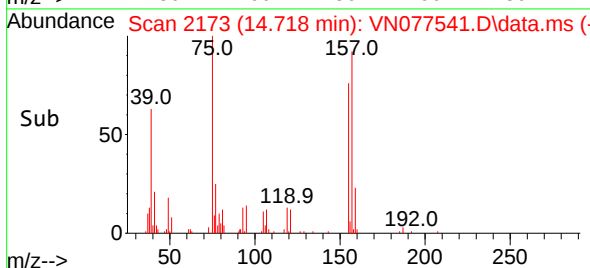
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

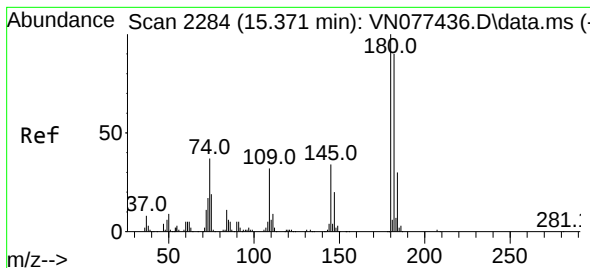


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.111 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: VN077541.D
 Acq: 01 May 2023 12:41



Tgt Ion: 75 Resp: 35658
 Ion Ratio Lower Upper
 75 100
 155 84.5 39.1 117.2
 157 100.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.563 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS01

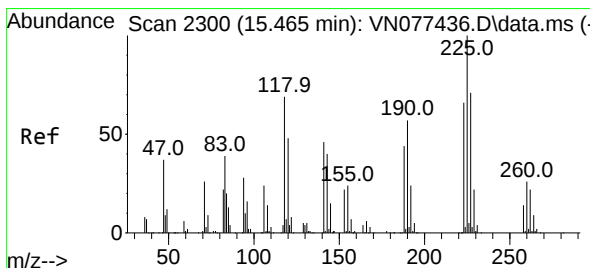
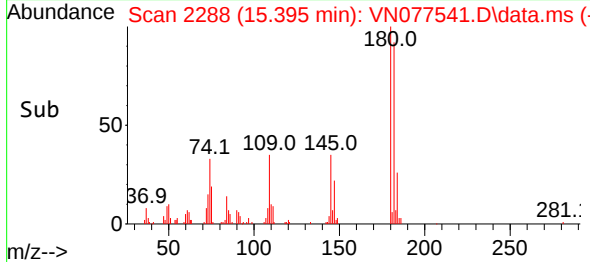
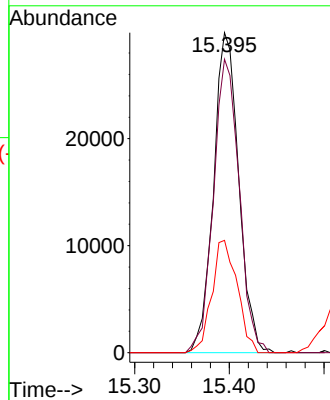
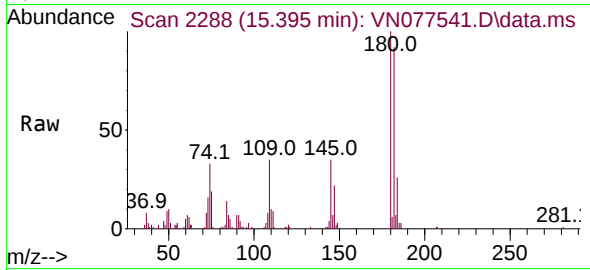
Tgt Ion:180	Resp:	5528
Ion Ratio	Lower	Upper
180	100	
182	93.6	46.1 138.2
145	35.5	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#94

Hexachlorobutadiene

Concen: 16.103 ug/l

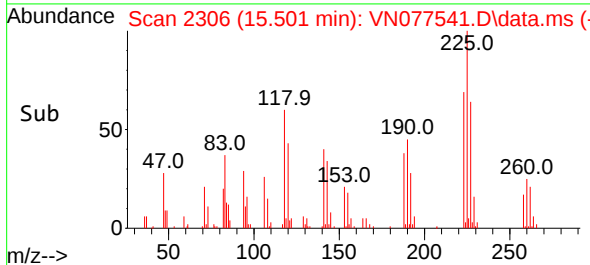
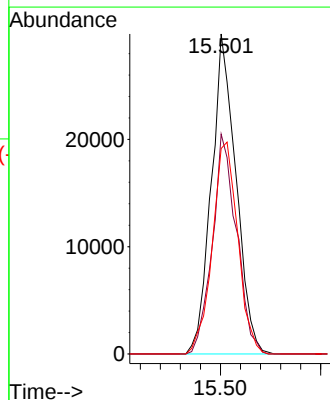
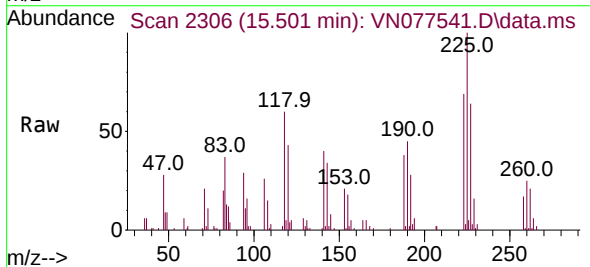
RT: 15.501 min Scan# 2306

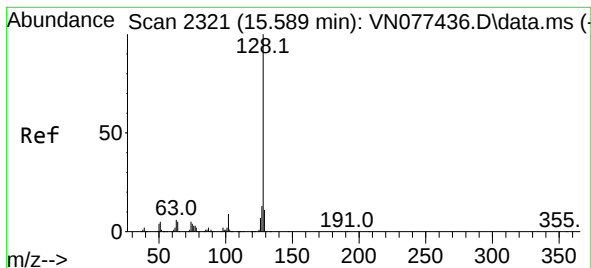
Delta R.T. 0.036 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

Tgt Ion:225	Resp:	50806
Ion Ratio	Lower	Upper
225	100	
223	67.4	31.3 93.8
227	68.5	31.9 95.9





#95

Naphthalene

Concen: 14.979 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.059 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0501WBS01

Tgt Ion:128 Resp: 19245

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

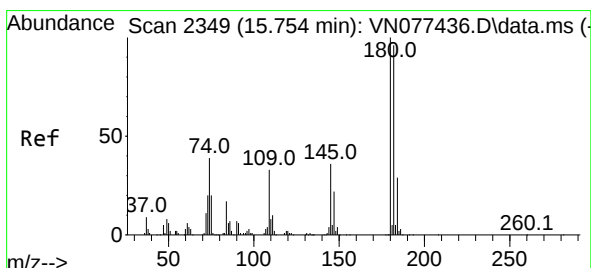
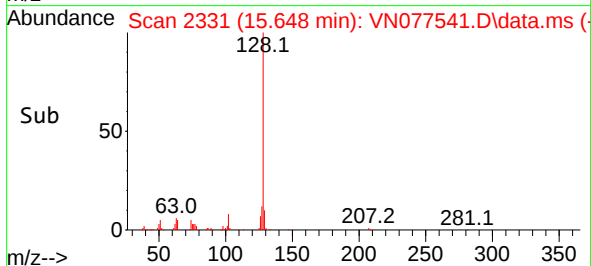
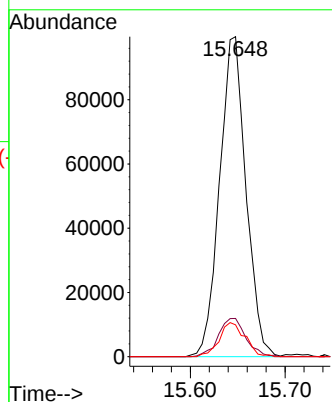
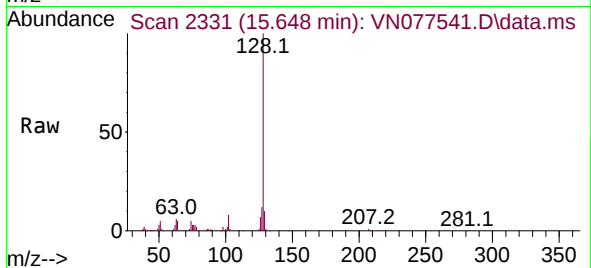
129 10.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#96

1,2,3-Trichlorobenzene

Concen: 15.050 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.094 min

Lab File: VN077541.D

Acq: 01 May 2023 12:41

Tgt Ion:180 Resp: 49997

Ion Ratio Lower Upper

180 100

182 96.4 46.2 138.6

145 36.9 17.5 52.6

