

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077062.D
 Acq On : 20 Mar 2023 12:28
 Operator : JC\MD
 Sample : VN0320WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 05:34:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	409008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	710042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	632375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	281524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	306180	46.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.740%		
35) Dibromofluoromethane	8.172	113	237845	47.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	10.572	98	899973	50.667	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.340%		
62) 4-Bromofluorobenzene	12.848	95	320766	51.105	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	74324	18.489	ug/l	99
3) Chloromethane	2.372	50	76248	18.503	ug/l	100
4) Vinyl Chloride	2.525	62	85190	19.152	ug/l	93
5) Bromomethane	2.966	94	56325	18.747	ug/l	99
6) Chloroethane	3.131	64	66821	23.741	ug/l	95
7) Trichlorofluoromethane	3.513	101	185097	19.343	ug/l	95
8) Diethyl Ether	3.978	74	70752	19.646	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	105396	19.417	ug/l	99
10) Methyl Iodide	4.601	142	117655	19.244	ug/l	95
11) Tert butyl alcohol	5.531	59	91192	95.790	ug/l	98
12) 1,1-Dichloroethene	4.354	96	98525	19.841	ug/l	99
13) Acrolein	4.190	56	115975	98.494	ug/l	99
14) Allyl chloride	5.037	41	168958	18.586	ug/l	96
15) Acrylonitrile	5.731	53	296068	92.509	ug/l	99
16) Acetone	4.437	43	310542	106.677	ug/l	99
17) Carbon Disulfide	4.725	76	265026	18.304	ug/l	98
18) Methyl Acetate	5.037	43	202194	18.419	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	350407	19.662	ug/l	98
20) Methylene Chloride	5.284	84	118995	18.835	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	105589	19.618	ug/l	94
22) Diisopropyl ether	6.684	45	397096	19.937	ug/l	99
23) Vinyl Acetate	6.613	43	1212469	96.467	ug/l	98
24) 1,1-Dichloroethane	6.584	63	221670	19.449	ug/l	99
25) 2-Butanone	7.489	43	412980	96.979	ug/l	100
26) 2,2-Dichloropropane	7.501	77	173883	20.276	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	126502	20.522	ug/l	96
28) Bromochloromethane	7.819	49	72385	14.624	ug/l	99
29) Tetrahydrofuran	7.842	42	265871	96.348	ug/l	99
30) Chloroform	7.972	83	216052	19.531	ug/l	99
31) Cyclohexane	8.260	56	208882	19.541	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	183806	19.441	ug/l	96
36) 1,1-Dichloropropene	8.378	75	161723	20.823	ug/l	99
37) Ethyl Acetate	7.566	43	157975	19.011	ug/l	98
38) Carbon Tetrachloride	8.366	117	160455	21.210	ug/l	97
39) Methylcyclohexane	9.607	83	196254	21.588	ug/l	99
40) Benzene	8.613	78	487435	20.694	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077062.D
 Acq On : 20 Mar 2023 12:28
 Operator : JC\MD
 Sample : VN0320WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 05:34:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	90396	20.193	ug/l	97
42) 1,2-Dichloroethane	8.672	62	174838	20.541	ug/l	100
43) Isopropyl Acetate	8.695	43	260706	20.083	ug/l	98
44) Trichloroethene	9.354	130	110713	20.463	ug/l	96
45) 1,2-Dichloropropane	9.625	63	130677	20.889	ug/l	100
46) Dibromomethane	9.707	93	79892	20.249	ug/l	99
47) Bromodichloromethane	9.889	83	166996	20.181	ug/l	98
48) Methyl methacrylate	9.683	41	126697	20.416	ug/l	99
49) 1,4-Dioxane	9.695	88	42583	401.744	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	802547	99.280	ug/l	100
52) Toluene	10.630	92	298947	21.257	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	174795	21.552	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	194214	21.224	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	114485	20.644	ug/l	99
56) Ethyl methacrylate	10.877	69	171598	20.577	ug/l	99
57) 1,3-Dichloropropane	11.166	76	205799	20.269	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	353085	99.313	ug/l	99
59) 2-Hexanone	11.195	43	600414	102.404	ug/l	99
60) Dibromochloromethane	11.360	129	116195	20.858	ug/l	99
61) 1,2-Dibromoethane	11.472	107	109419	19.896	ug/l	98
64) Tetrachloroethene	11.107	164	88645	20.887	ug/l	96
65) Chlorobenzene	11.895	112	298523	20.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	109113	20.267	ug/l	100
67) Ethyl Benzene	11.966	91	564558	21.361	ug/l	98
68) m/p-Xylenes	12.071	106	426950	43.560	ug/l	99
69) o-Xylene	12.401	106	208765	21.436	ug/l	100
70) Styrene	12.413	104	339093	22.364	ug/l	100
71) Bromoform	12.577	173	77013	21.110	ug/l #	99
73) Isopropylbenzene	12.701	105	545216	21.611	ug/l	100
74) N-amyl acetate	12.495	43	218245	19.986	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	169660	18.562	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	150619m	20.684	ug/l	
77) Bromobenzene	12.983	156	115337	20.408	ug/l	97
78) n-propylbenzene	13.036	91	646321	22.192	ug/l	100
79) 2-Chlorotoluene	13.124	91	394951	21.282	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	467737	22.205	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	49850	18.843	ug/l	87
82) 4-Chlorotoluene	13.224	91	380109	21.539	ug/l	99
83) tert-Butylbenzene	13.442	119	384420	21.736	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	468504	22.288	ug/l	98
85) sec-Butylbenzene	13.618	105	565627	22.483	ug/l	100
86) p-Isopropyltoluene	13.730	119	457115	22.626	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	217798	20.390	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	216005	20.325	ug/l	99
89) n-Butylbenzene	14.060	91	394208	22.242	ug/l	99
90) Hexachloroethane	14.336	117	82150	20.000	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	218669	20.538	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	32933	19.445	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	103760	21.557	ug/l	98
94) Hexachlorobutadiene	15.507	225	57779	21.797	ug/l	99
95) Naphthalene	15.642	128	334240	19.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	103138	21.355	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077062.D
 Acq On : 20 Mar 2023 12:28
 Operator : JC\MD
 Sample : VN0320WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0320WBS01

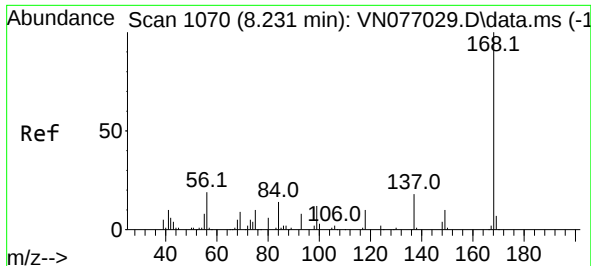
Manual Integrations
APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 05:34:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

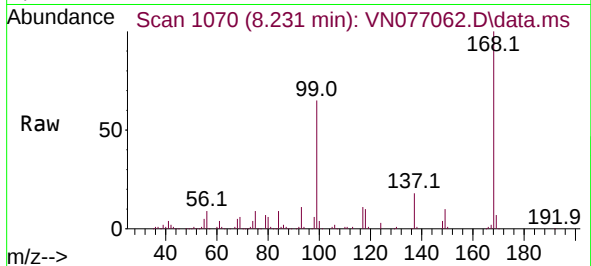
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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: VN077062.D
Acq: 20 Mar 2023 12:28

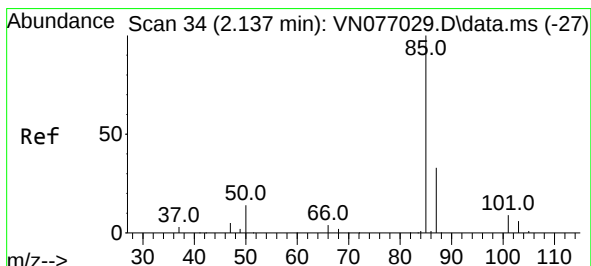
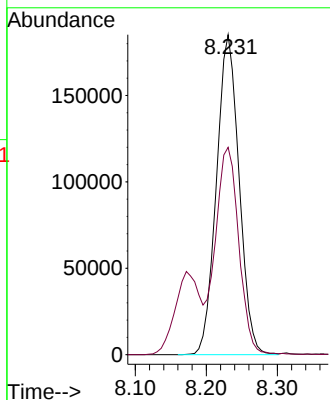
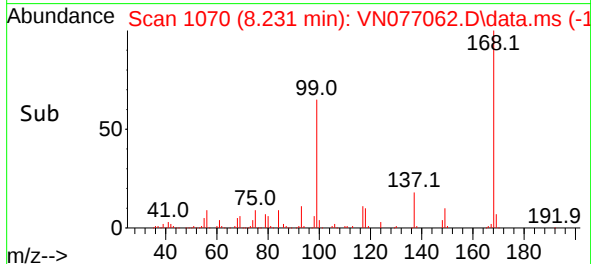
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



Tgt Ion:168 Resp: 409008
Ion Ratio Lower Upper
168 100
99 64.6 53.9 80.9

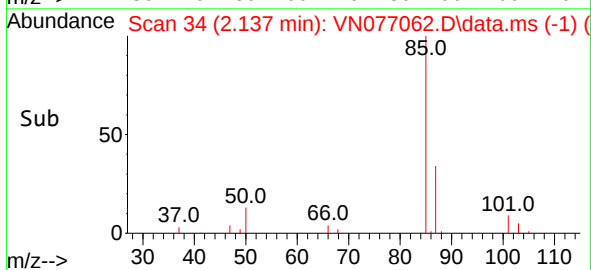
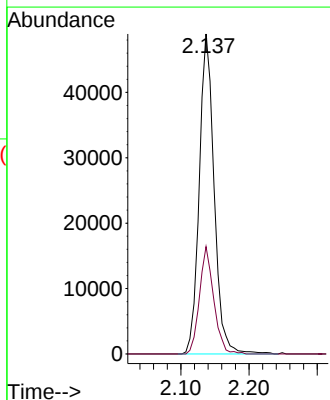
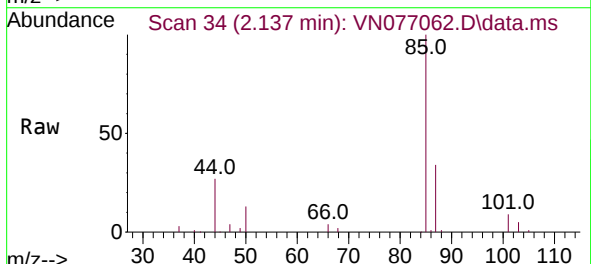
Manual Integrations
APPROVED

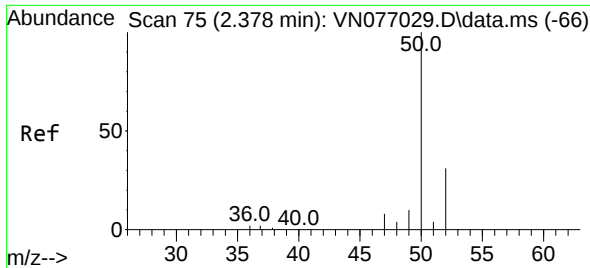
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#2
Dichlorodifluoromethane
Concen: 18.489 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Tgt Ion: 85 Resp: 74324
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.2





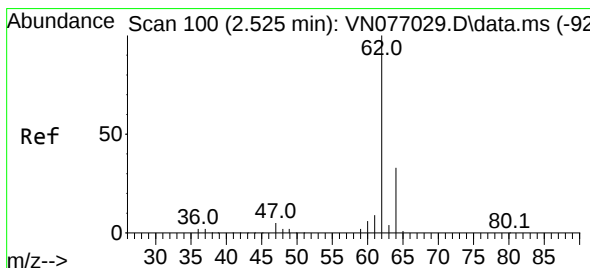
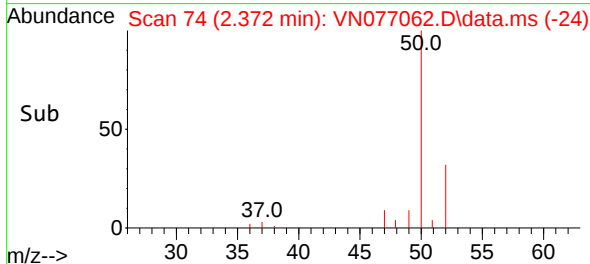
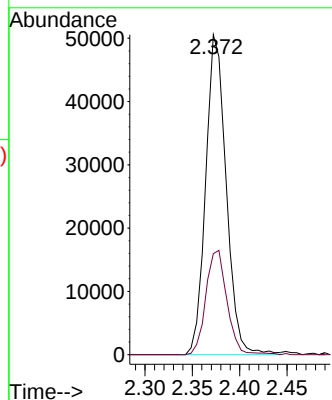
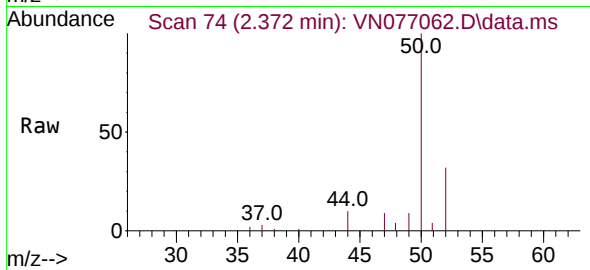
#3
Chloromethane
Concen: 18.503 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 50 Resp: 76248
Ion Ratio Lower Upper
50 100
52 31.6 25.1 37.7

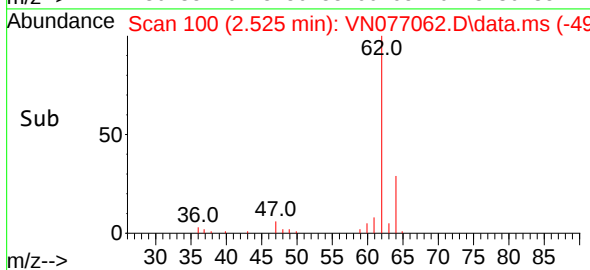
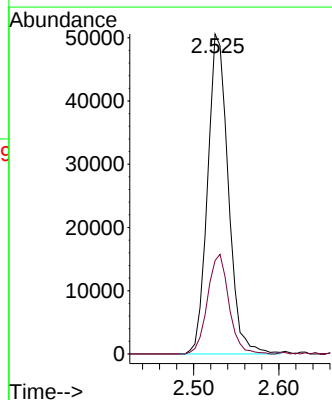
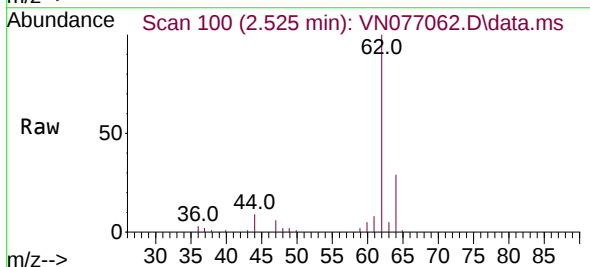
Manual Integrations
APPROVED

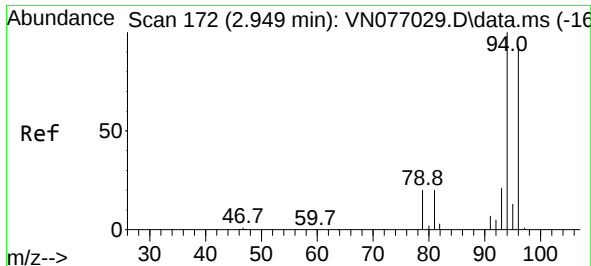
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#4
Vinyl Chloride
Concen: 19.152 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Tgt Ion: 62 Resp: 85190
Ion Ratio Lower Upper
62 100
64 29.2 26.6 40.0





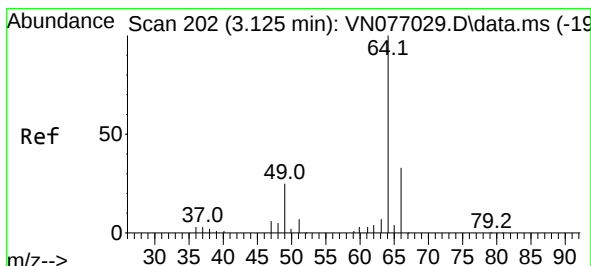
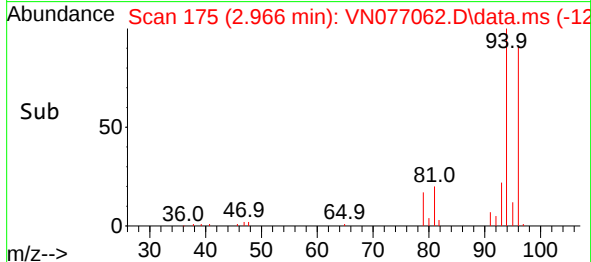
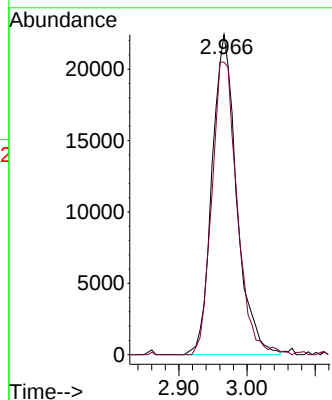
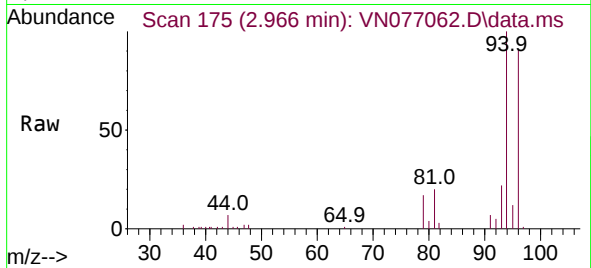
#5
Bromomethane
Concen: 18.747 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 94 Resp: 5632
Ion Ratio Lower Upper
94 100
96 91.4 74.1 111.1

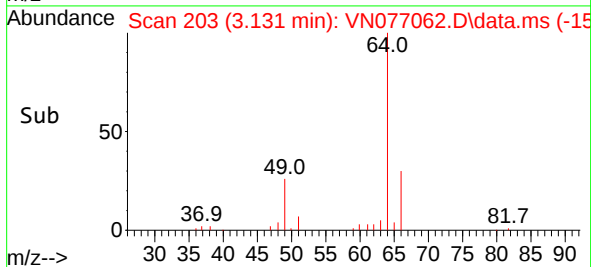
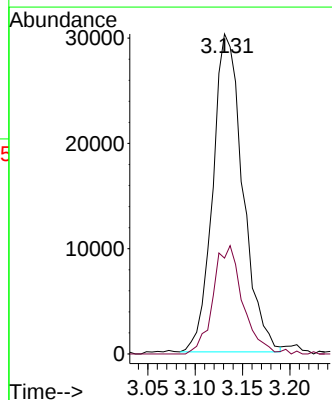
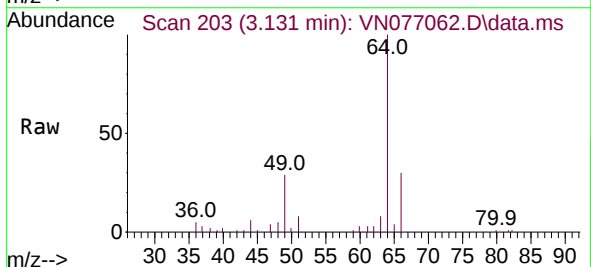
Manual Integrations
APPROVED

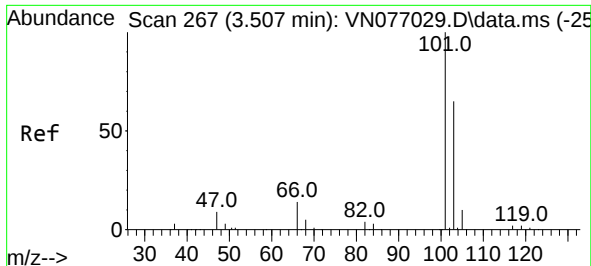
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#6
Chloroethane
Concen: 23.741 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Tgt Ion: 64 Resp: 66821
Ion Ratio Lower Upper
64 100
66 30.2 26.3 39.5





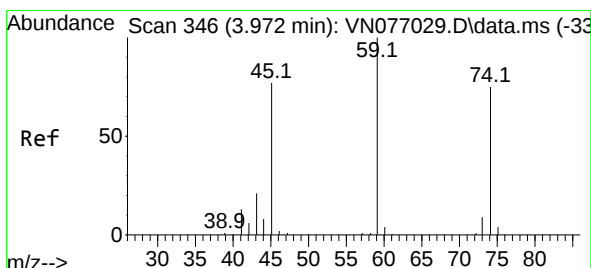
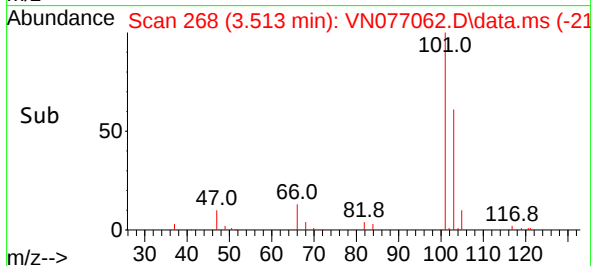
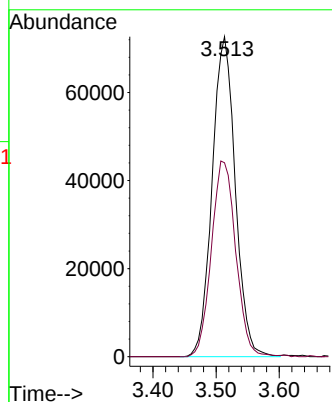
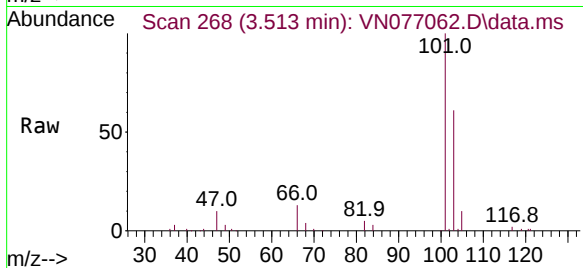
#7
Trichlorofluoromethane
Concen: 19.343 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion:101 Resp: 18509
Ion Ratio Lower Upper
101 100
103 60.6 51.8 77.6

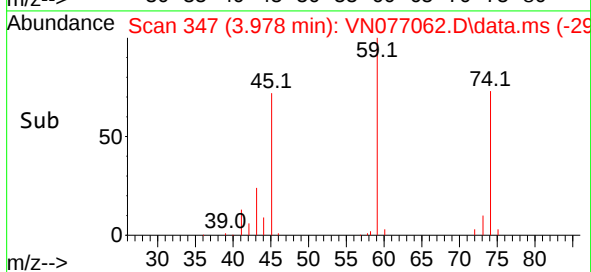
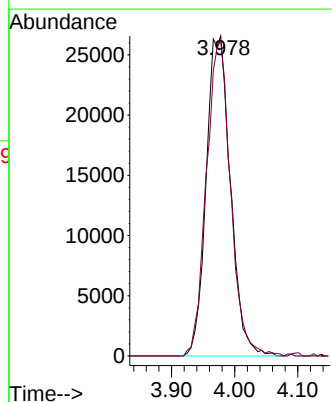
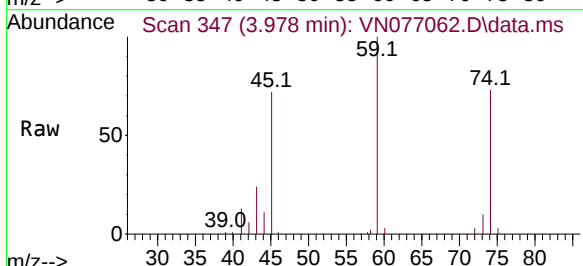
Manual Integrations
APPROVED

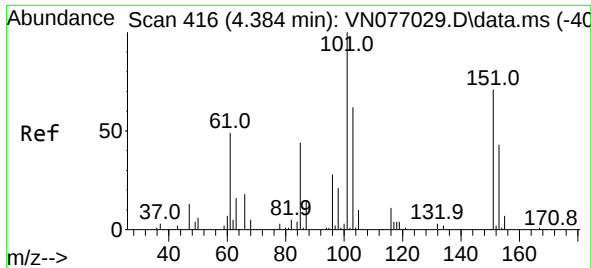
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#8
Diethyl Ether
Concen: 19.646 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

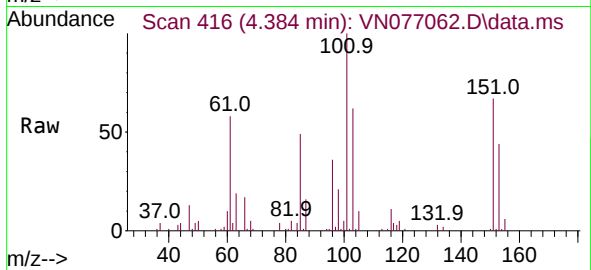
Tgt Ion: 74 Resp: 70752
Ion Ratio Lower Upper
74 100
45 99.0 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.417 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

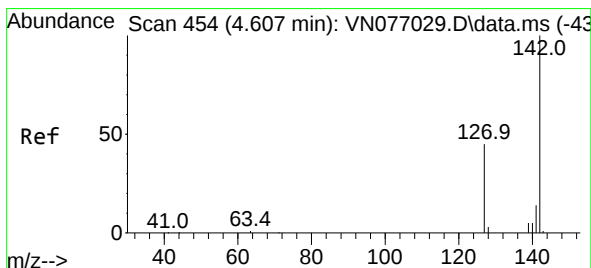
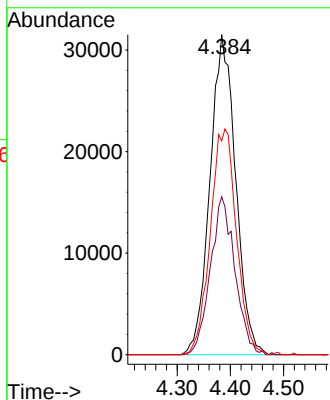
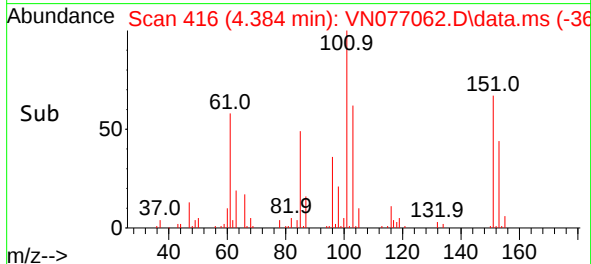
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



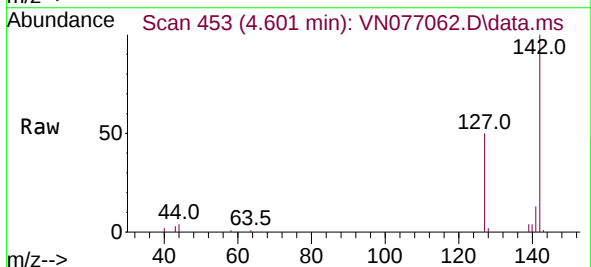
Tgt Ion:101 Resp: 105390
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 71.8 56.9 85.3

Manual Integrations
APPROVED

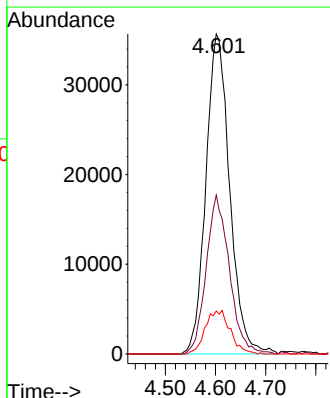
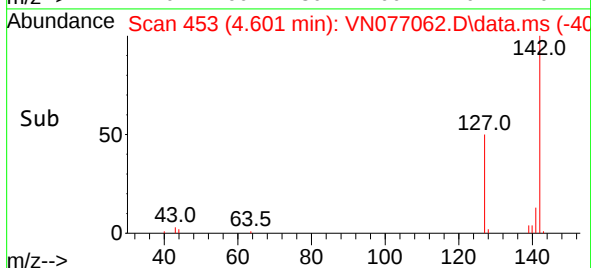
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

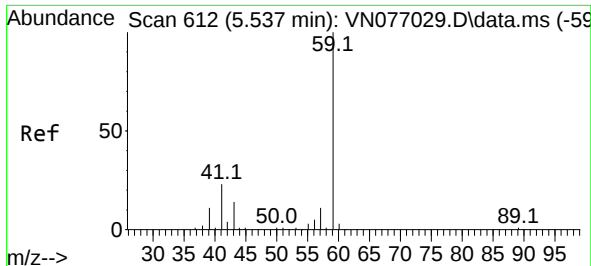


#10
Methyl Iodide
Concen: 19.244 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion:142 Resp: 117655
Ion Ratio Lower Upper
142 100
127 49.6 36.1 54.1
141 13.4 10.8 16.2





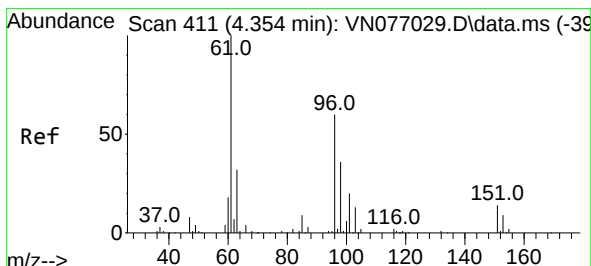
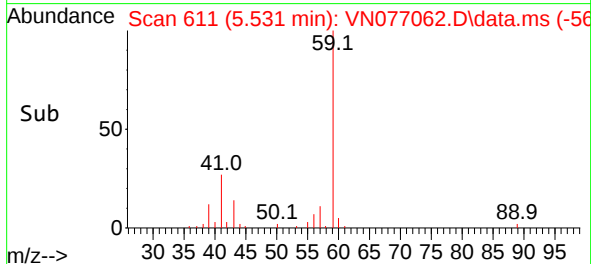
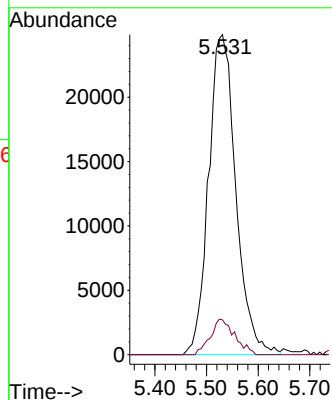
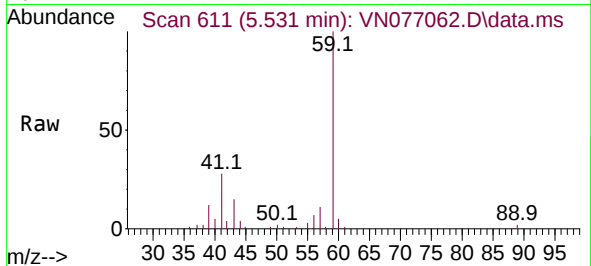
#11
Tert butyl alcohol
Concen: 95.790 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 59 Resp: 91192
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8

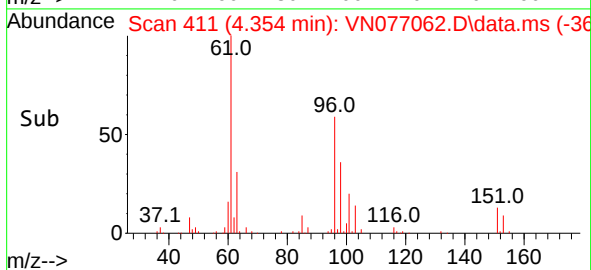
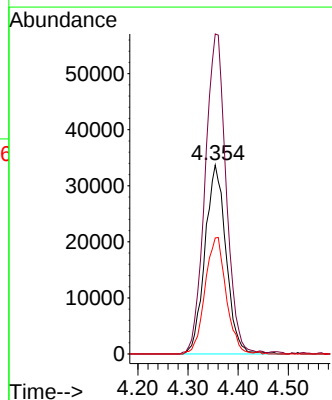
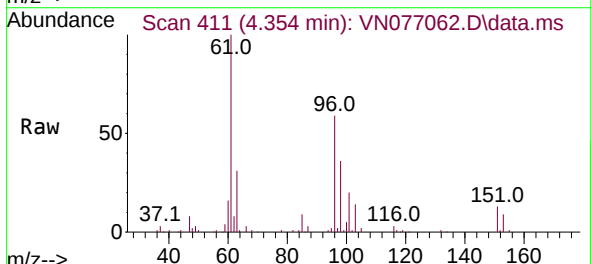
Manual Integrations
APPROVED

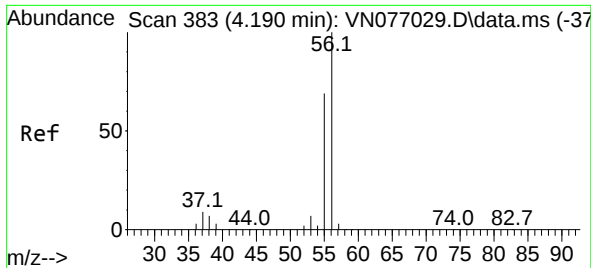
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#12
1,1-Dichloroethene
Concen: 19.841 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

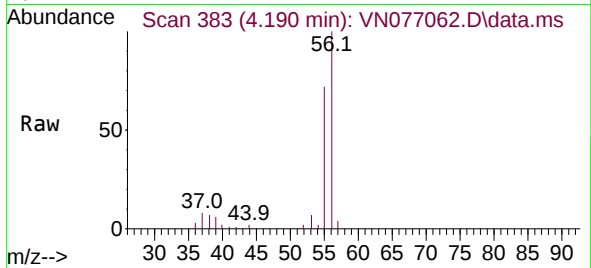
Tgt Ion: 96 Resp: 98525
Ion Ratio Lower Upper
96 100
61 169.3 133.8 200.8
98 61.4 48.6 72.8





#13
Acrolein
Concen: 98.494 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

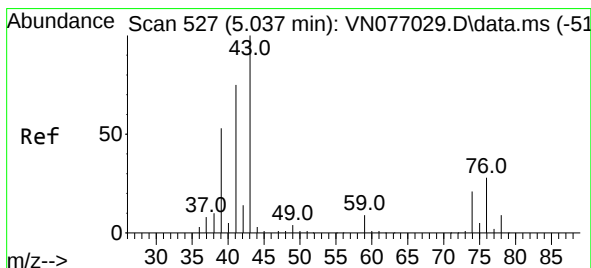
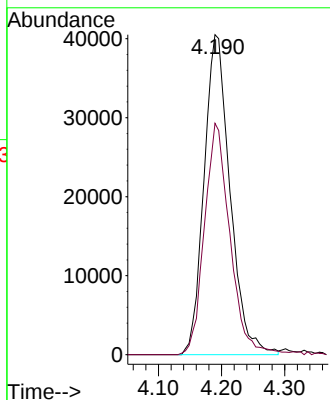
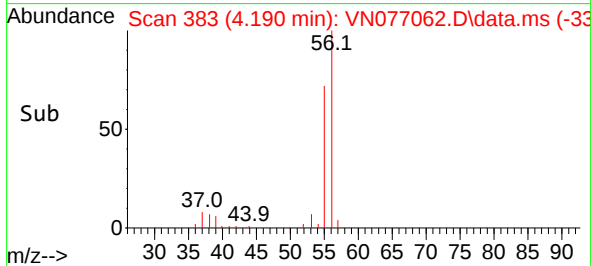
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



Tgt Ion: 56 Resp: 115975
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.6

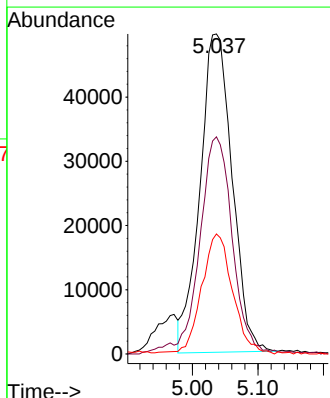
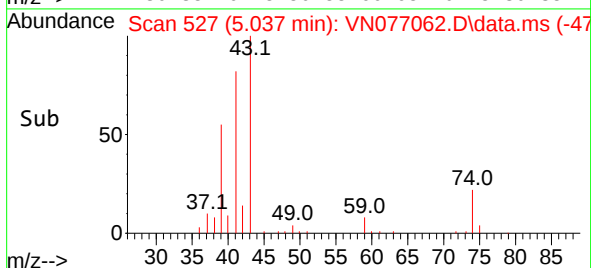
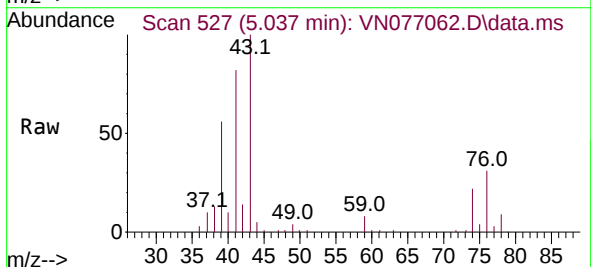
Manual Integrations
APPROVED

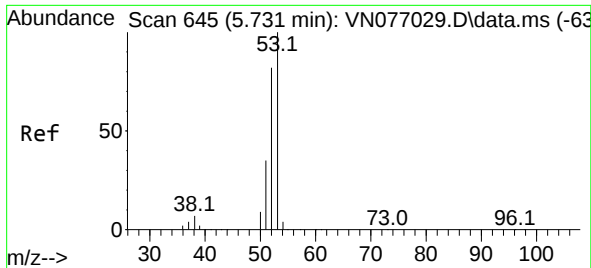
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#14
Allyl chloride
Concen: 18.586 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

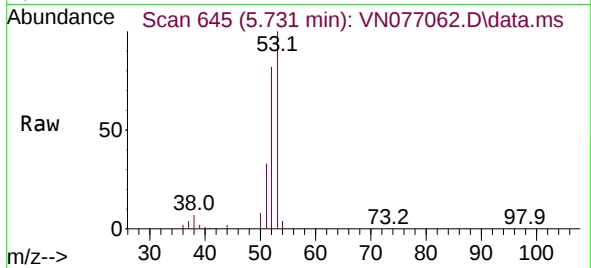
Tgt Ion: 41 Resp: 168958
Ion Ratio Lower Upper
41 100
39 69.7 53.8 80.8
76 36.5 26.7 40.1





#15
Acrylonitrile
Concen: 92.509 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

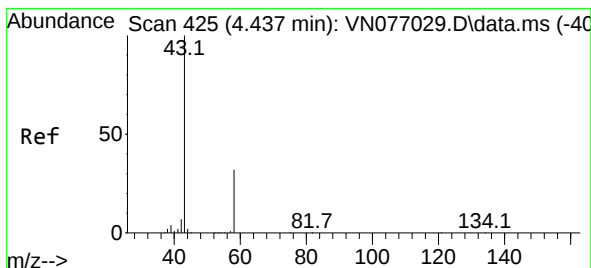
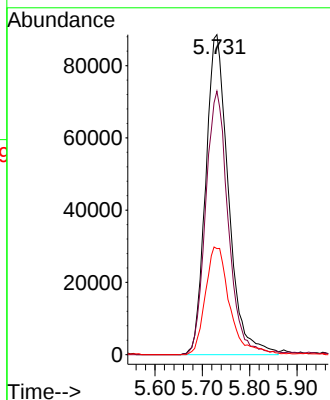
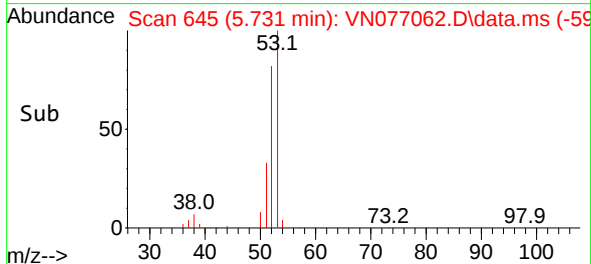
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



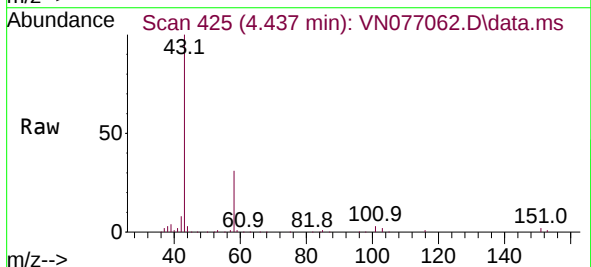
Tgt Ion: 53 Resp: 296068
Ion Ratio Lower Upper
53 100
52 81.3 64.6 97.0
51 36.1 28.3 42.5

Manual Integrations
APPROVED

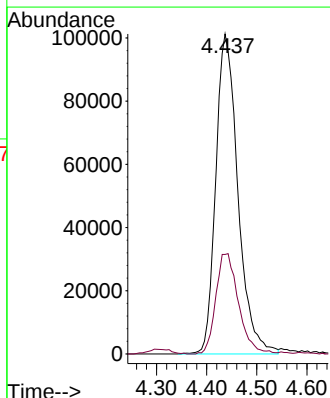
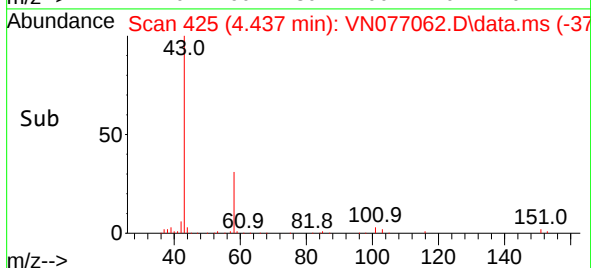
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

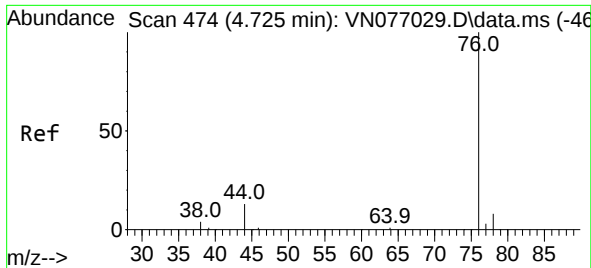


#16
Acetone
Concen: 106.677 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



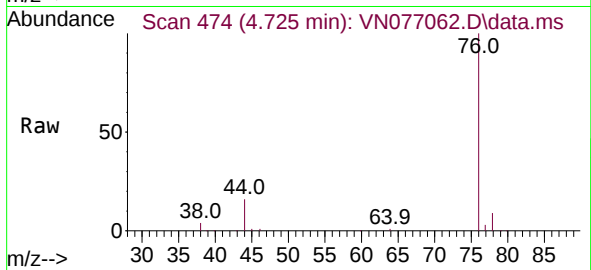
Tgt Ion: 43 Resp: 310542
Ion Ratio Lower Upper
43 100
58 30.9 25.4 38.0





#17
Carbon Disulfide
Concen: 18.304 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

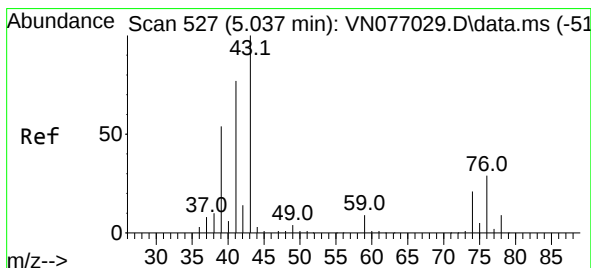
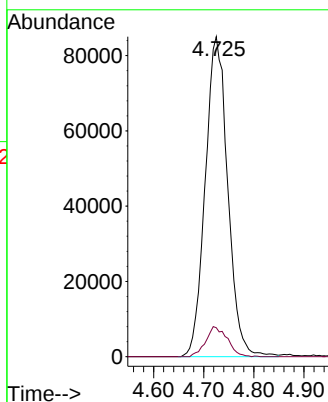
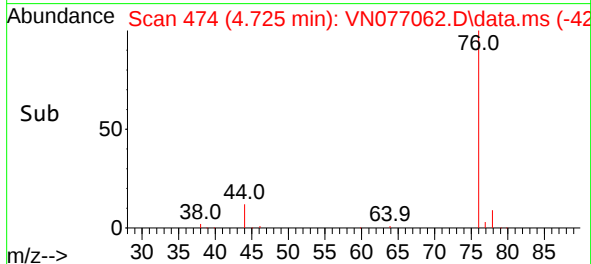
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



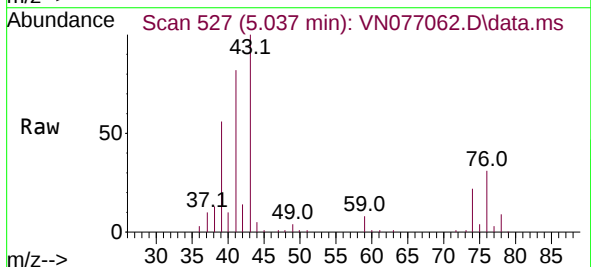
Tgt Ion: 76 Resp: 265020
Ion Ratio Lower Upper
76 100
78 9.0 6.6 10.0

Manual Integrations
APPROVED

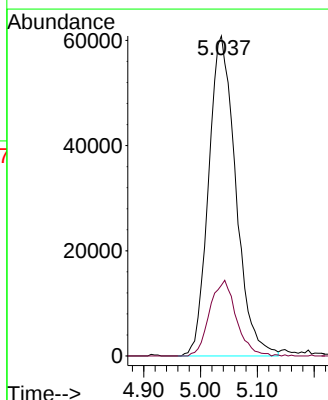
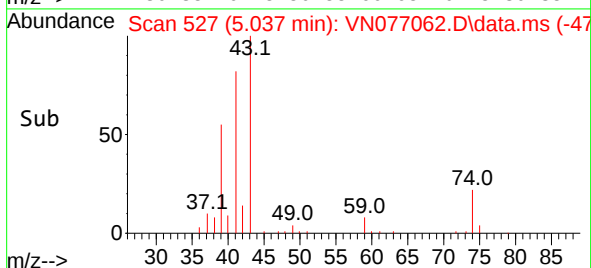
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

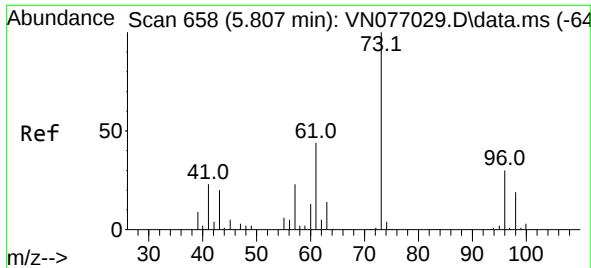


#18
Methyl Acetate
Concen: 18.419 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion: 43 Resp: 202194
Ion Ratio Lower Upper
43 100
74 23.1 17.7 26.5





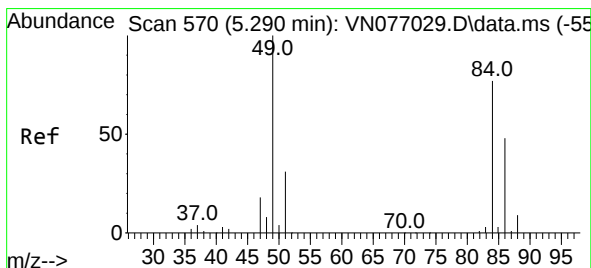
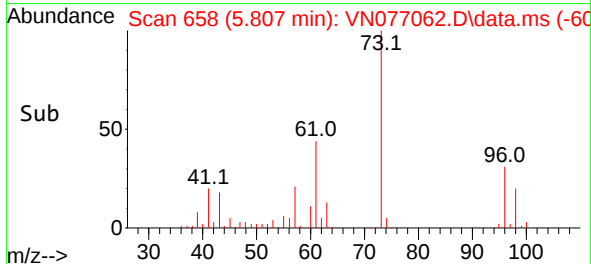
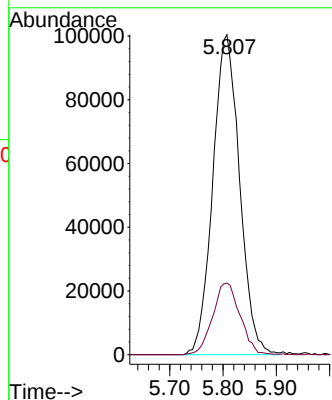
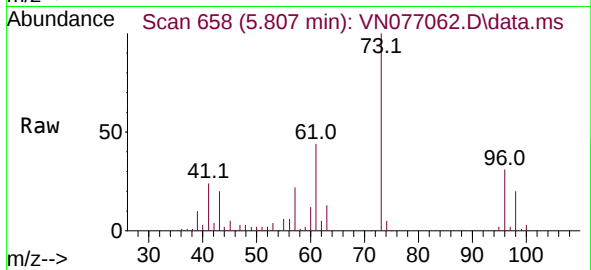
#19
Methyl tert-butyl Ether
Concen: 19.662 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 73 Resp: 35040
Ion Ratio Lower Upper
73 100
57 22.4 18.7 28.1

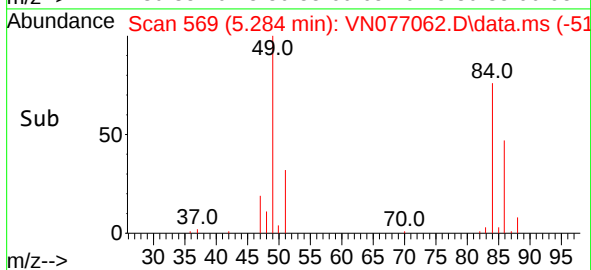
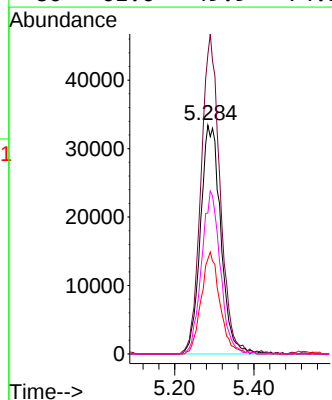
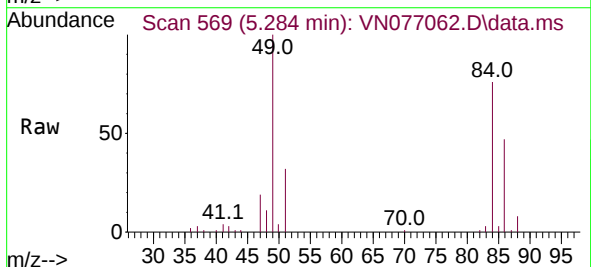
Manual Integrations
APPROVED

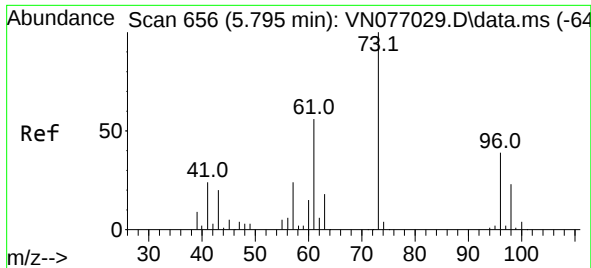
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#20
Methylene Chloride
Concen: 18.835 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

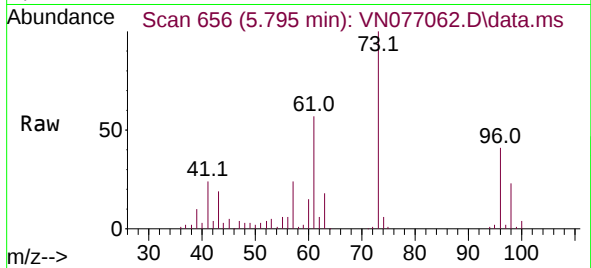
Tgt Ion: 84 Resp: 118995
Ion Ratio Lower Upper
84 100
49 131.0 103.8 155.6
51 41.5 32.3 48.5
86 61.6 49.9 74.9





#21
trans-1,2-Dichloroethene
Concen: 19.618 ug/l
RT: 5.795 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

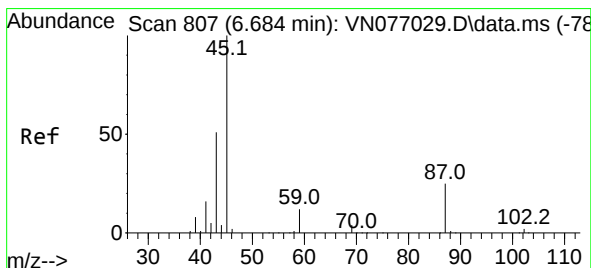
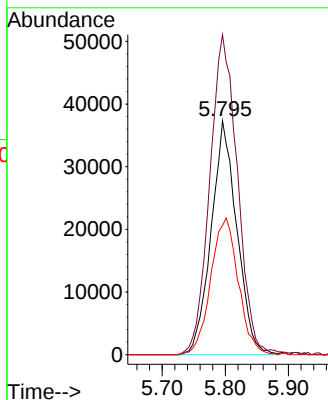
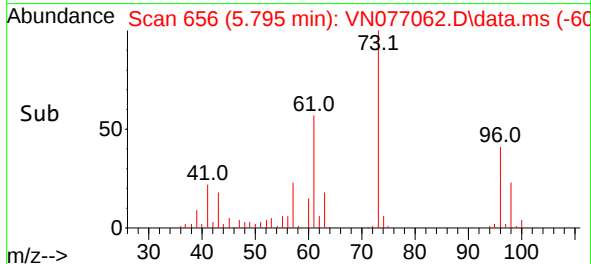
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



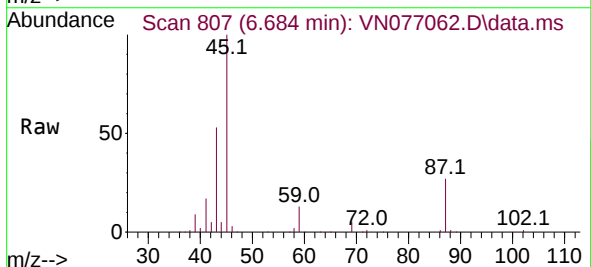
Tgt Ion: 96 Resp: 105589
Ion Ratio Lower Upper
96 100
61 136.8 115.8 173.6
98 55.2 48.2 72.2

Manual Integrations
APPROVED

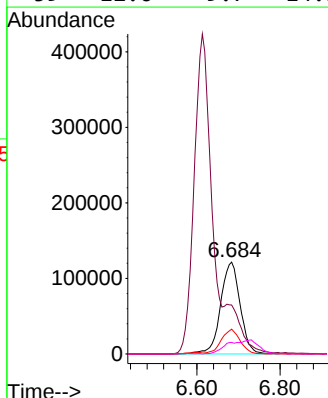
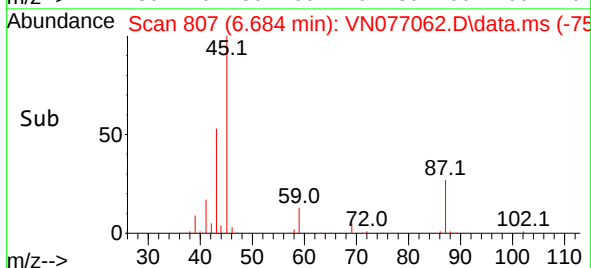
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

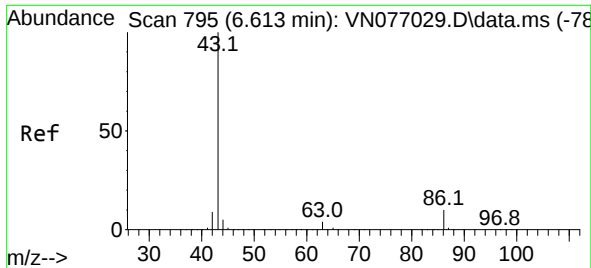


#22
Diisopropyl ether
Concen: 19.937 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



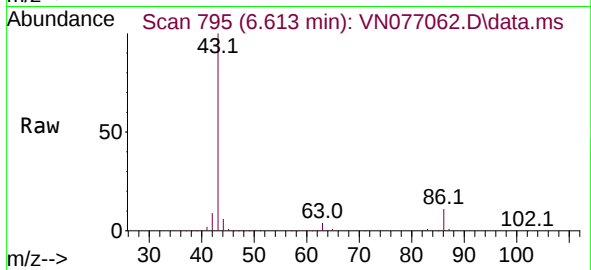
Tgt Ion: 45 Resp: 397096
Ion Ratio Lower Upper
45 100
43 51.9 41.5 62.3
87 27.1 20.6 30.8
59 12.6 9.7 14.5





#23
 Vinyl Acetate
 Concen: 96.467 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077062.D
 Acq: 20 Mar 2023 12:28

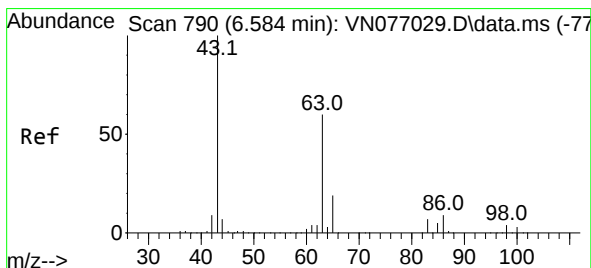
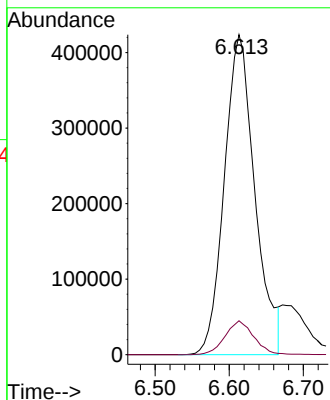
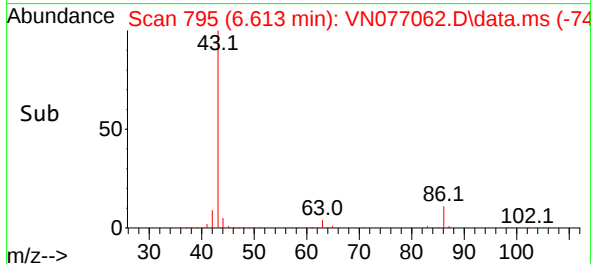
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01



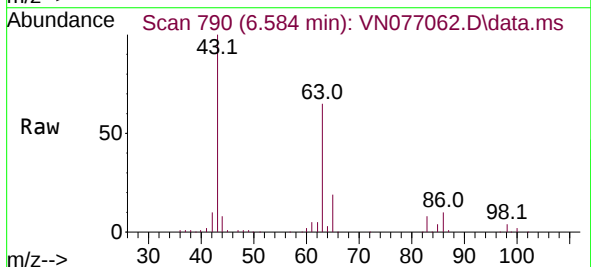
Tgt Ion: 43 Resp: 1212469
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.0 12.0

Manual Integrations
 APPROVED

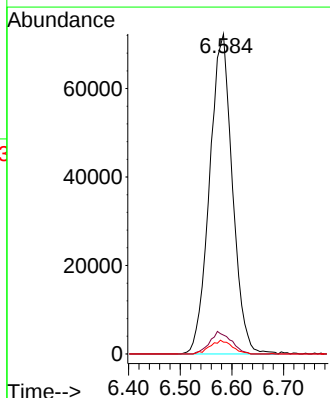
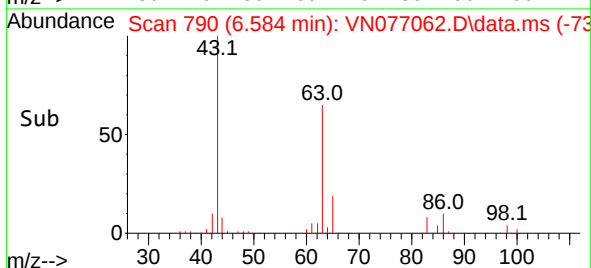
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

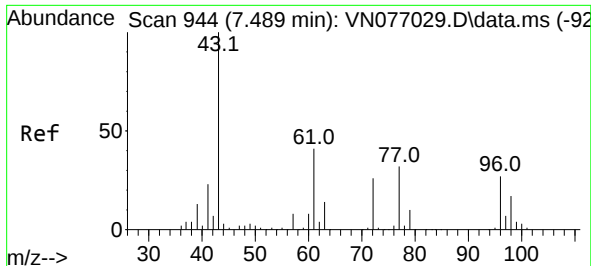


#24
 1,1-Dichloroethane
 Concen: 19.449 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN077062.D
 Acq: 20 Mar 2023 12:28



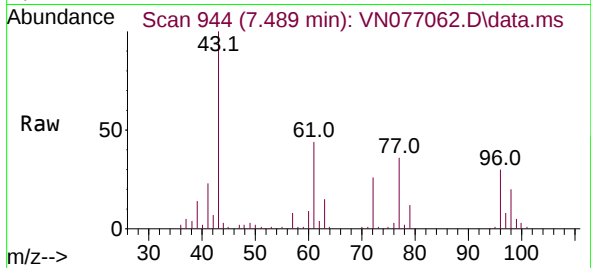
Tgt Ion: 63 Resp: 221670
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.1 9.4
 100 3.7 2.1 6.3





#25
2-Butanone
Concen: 96.979 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

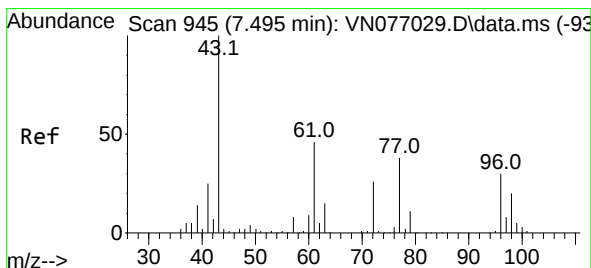
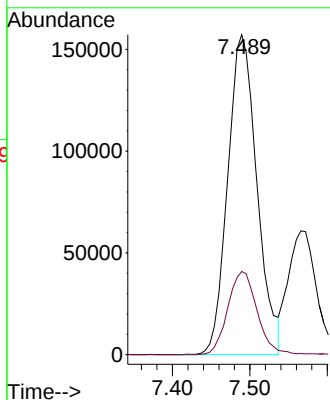
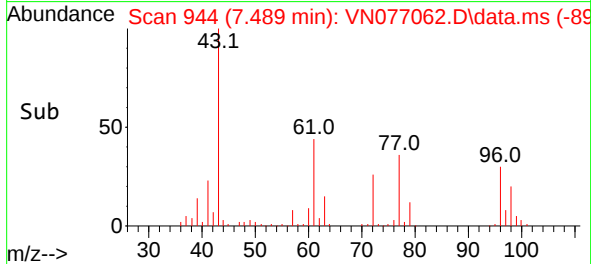
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



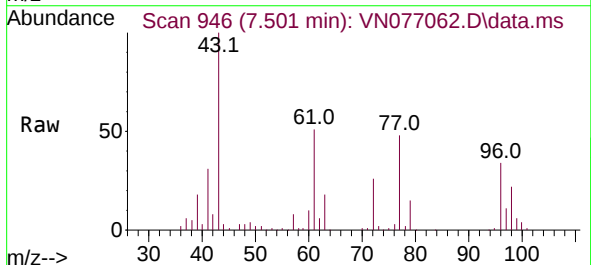
Tgt Ion: 43 Resp: 412980
Ion Ratio Lower Upper
43 100
72 26.0 20.7 31.1

Manual Integrations
APPROVED

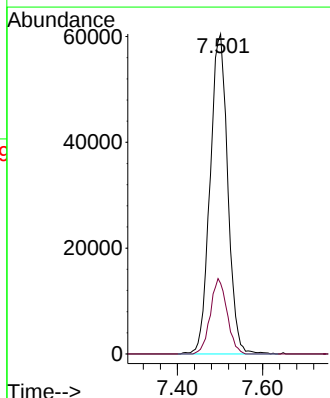
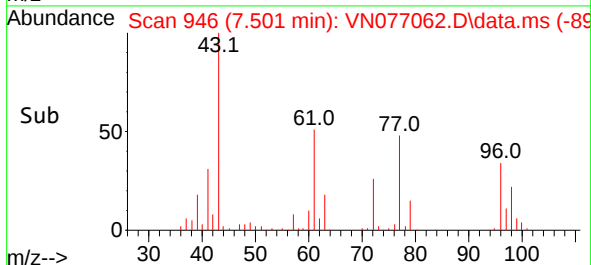
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

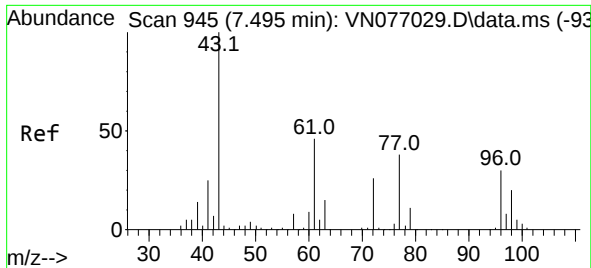


#26
2,2-Dichloropropane
Concen: 20.276 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



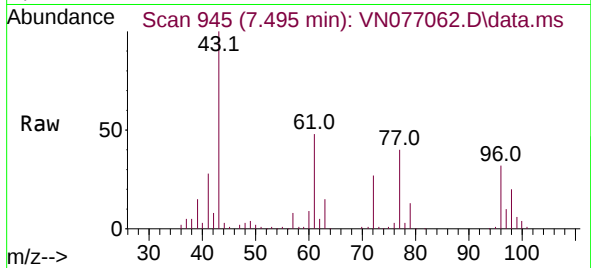
Tgt Ion: 77 Resp: 173883
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.522 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077062.D
 Acq: 20 Mar 2023 12:28

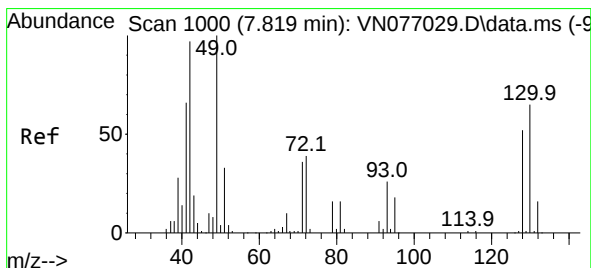
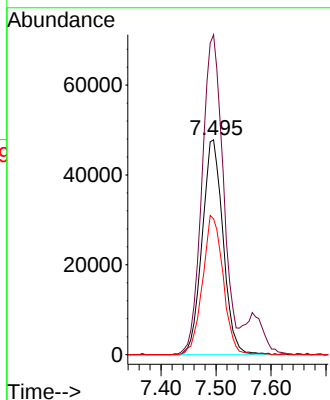
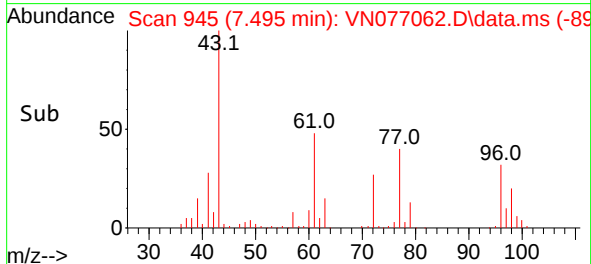
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01



Tgt Ion: 96 Resp: 126502
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 315.4
 98 63.5 0.0 128.6

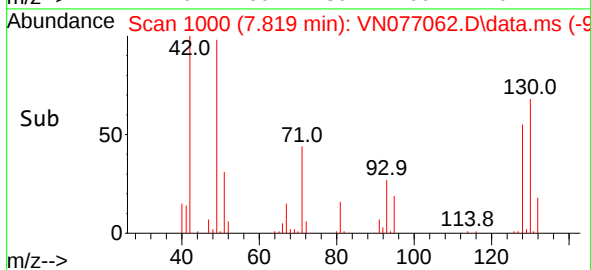
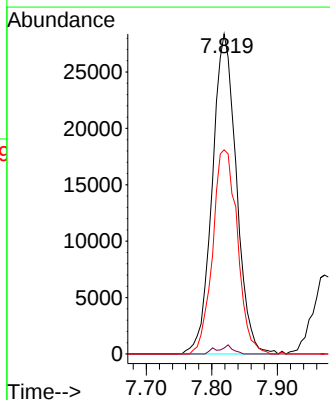
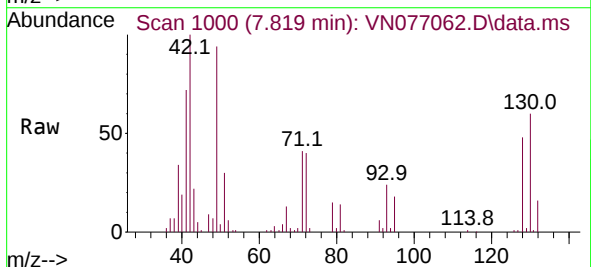
Manual Integrations
 APPROVED

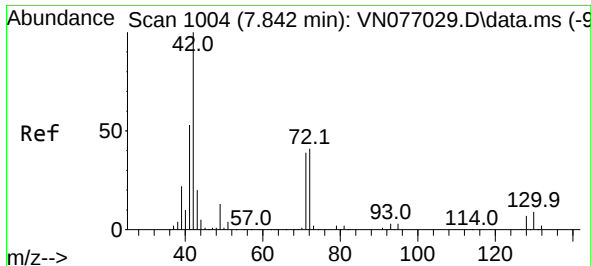
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#28
 Bromochloromethane
 Concen: 14.624 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077062.D
 Acq: 20 Mar 2023 12:28

Tgt Ion: 49 Resp: 72385
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.2
 130 65.4 51.9 77.9





#29

Tetrahydrofuran

Concen: 96.348 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

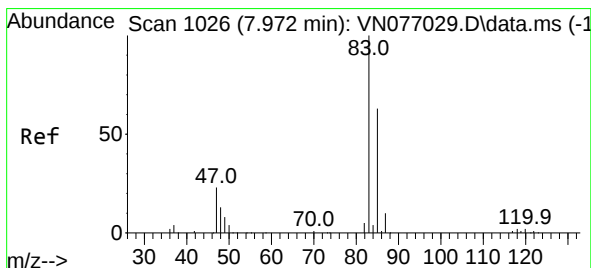
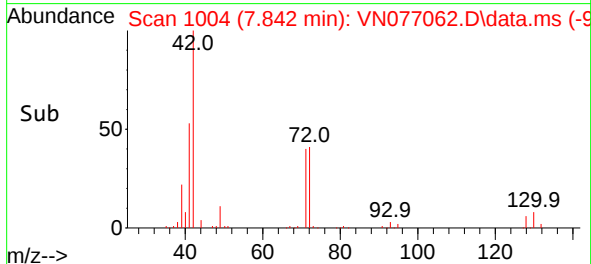
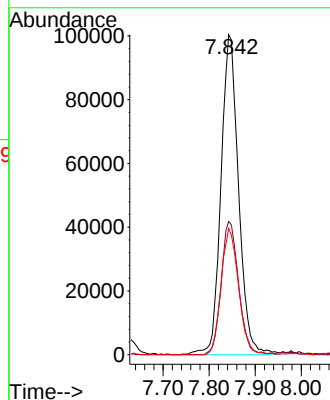
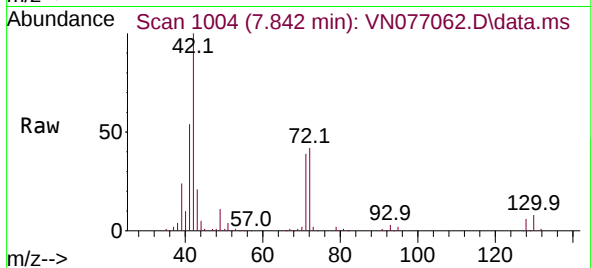
Tgt Ion: 42 Resp: 26587
 Ion Ratio Lower Upper
 42 100
 72 41.0 33.2 49.8
 71 39.1 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#30

Chloroform

Concen: 19.531 ug/l

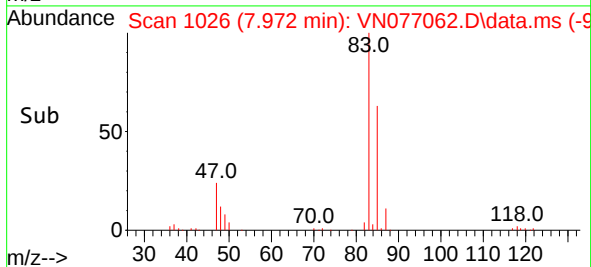
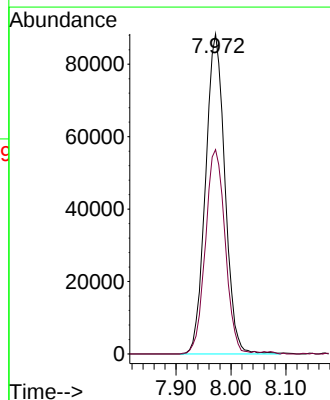
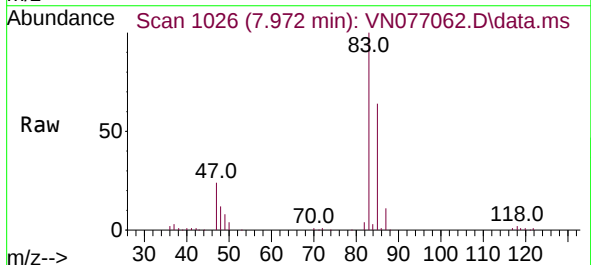
RT: 7.972 min Scan# 1026

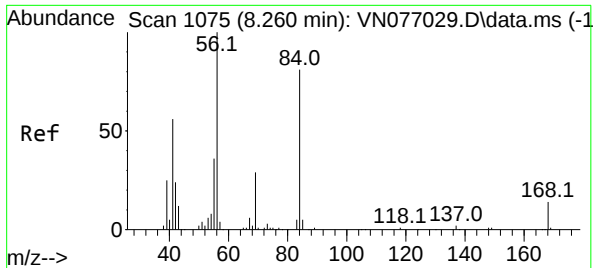
Delta R.T. -0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

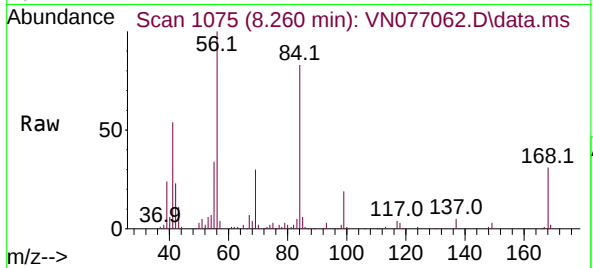
Tgt Ion: 83 Resp: 216052
 Ion Ratio Lower Upper
 83 100
 85 63.9 50.6 75.8





#31
Cyclohexane
Concen: 19.541 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

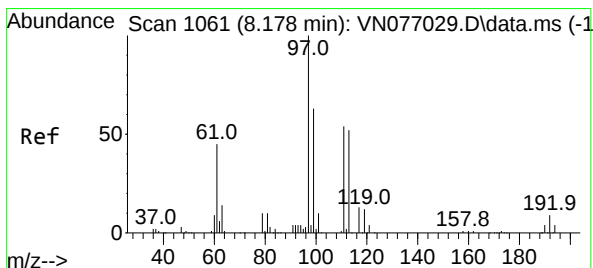
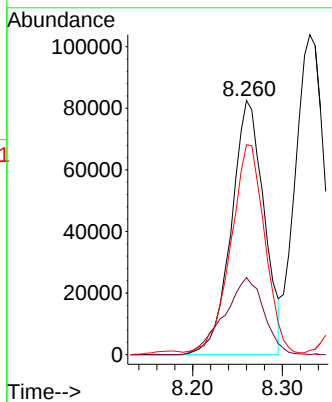
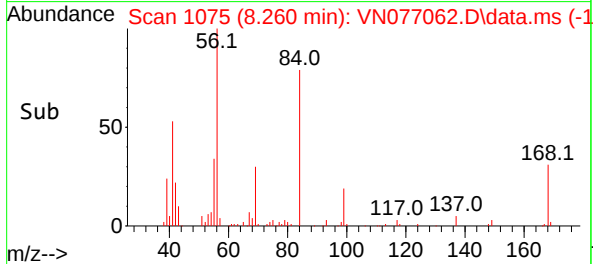
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



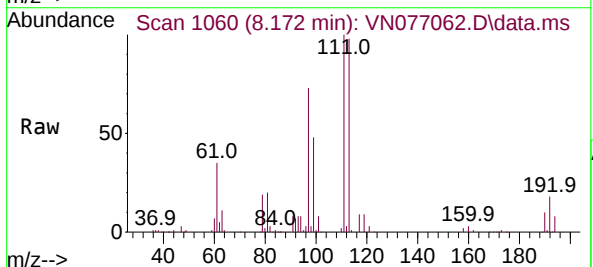
Tgt Ion: 56 Resp: 20888
Ion Ratio Lower Upper
56 100
69 29.9 22.8 34.2
84 81.3 64.7 97.1

Manual Integrations
APPROVED

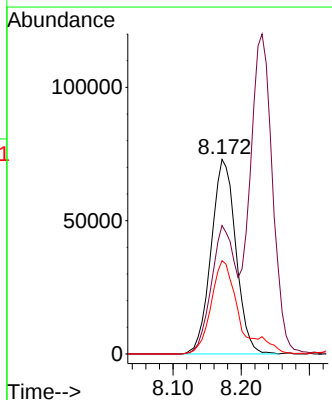
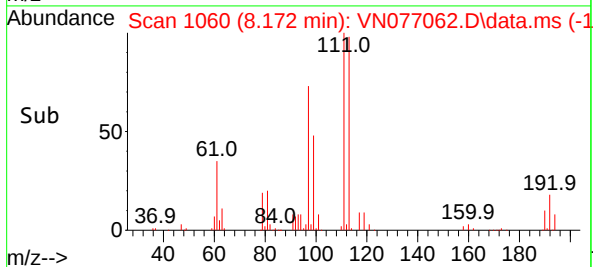
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

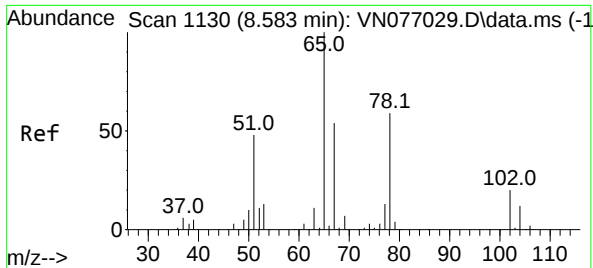


#32
1,1,1-Trichloroethane
Concen: 19.441 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion: 97 Resp: 183806
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.2
61 54.5 39.0 58.6





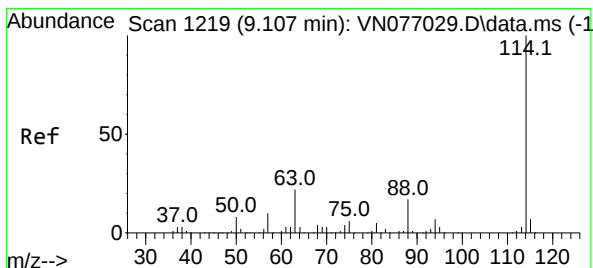
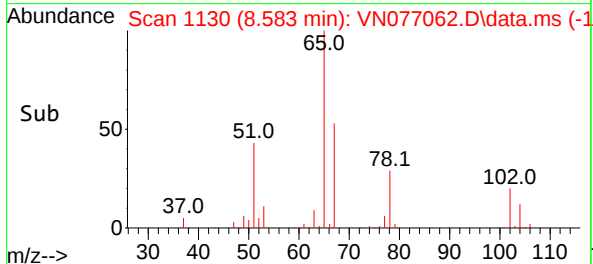
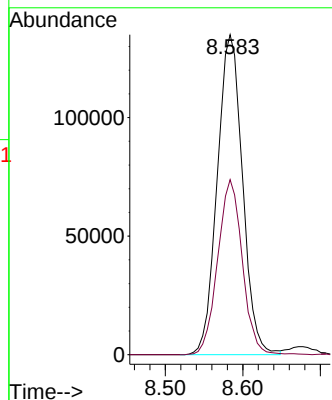
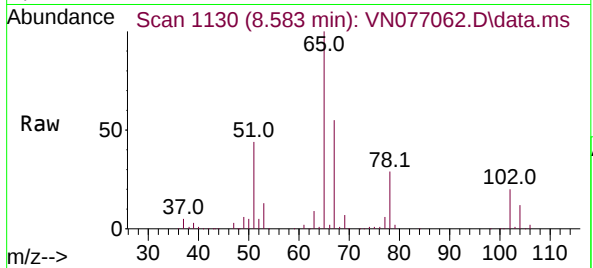
#33
1,2-Dichloroethane-d4
Concen: 46.865 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 65 Resp: 306180
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.2

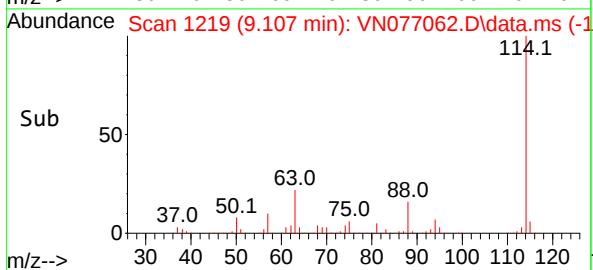
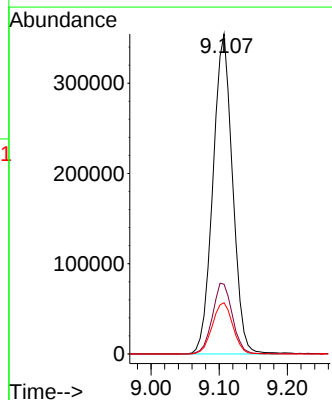
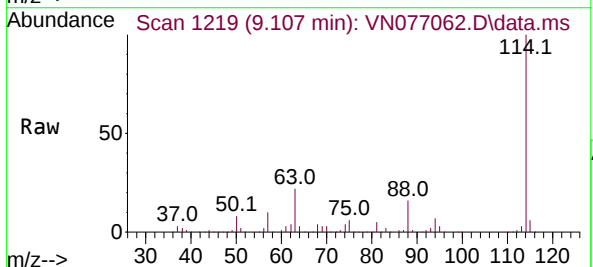
Manual Integrations
APPROVED

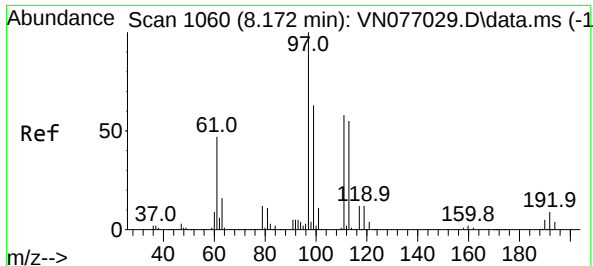
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Tgt Ion:114 Resp: 710042
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.6
88 16.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.832 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

Tgt Ion:113 Resp: 23784

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

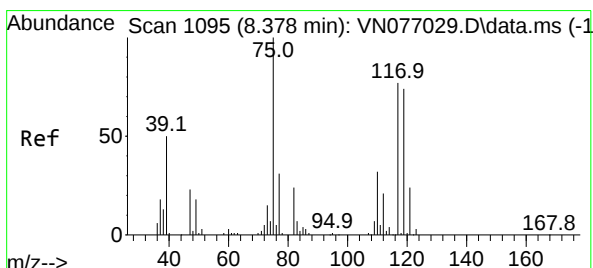
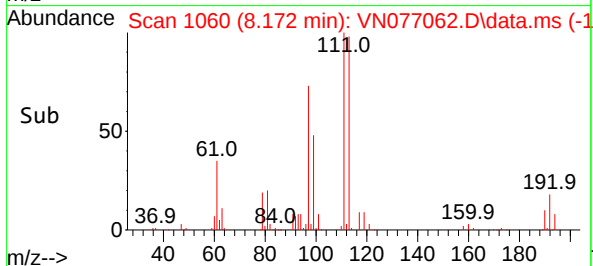
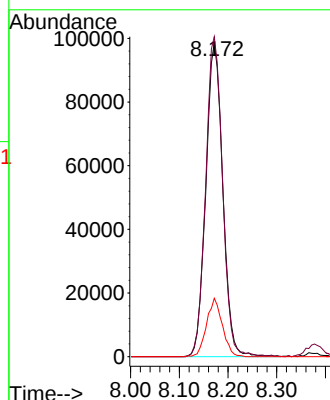
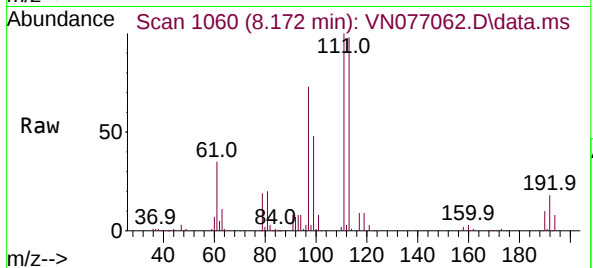
192 17.4 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#36

1,1-Dichloropropene

Concen: 20.823 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

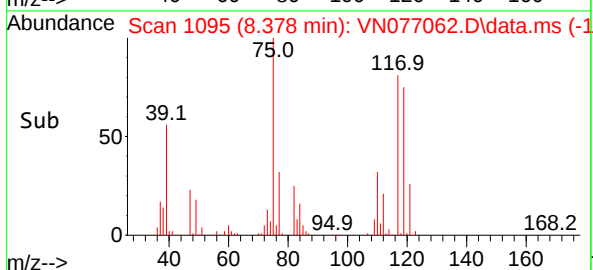
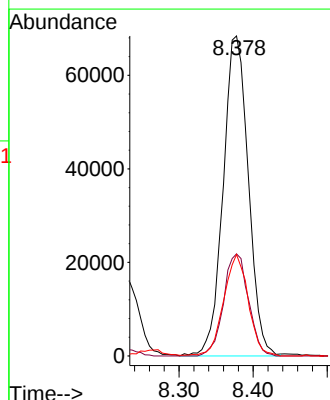
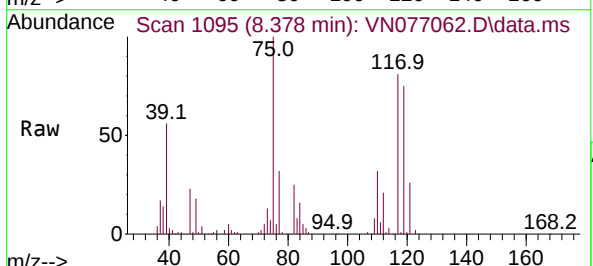
Tgt Ion: 75 Resp: 161723

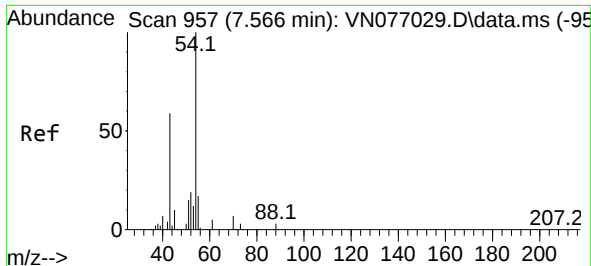
Ion Ratio Lower Upper

75 100

110 31.4 15.9 47.7

77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 19.011 ug/l

RT: 7.566 min Scan# 957

Delta R.T. 0.000 min

Lab File: VN077062.D

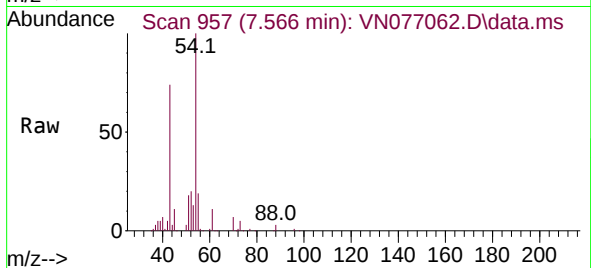
Acq: 20 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01



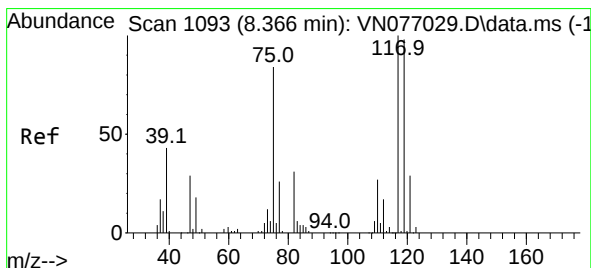
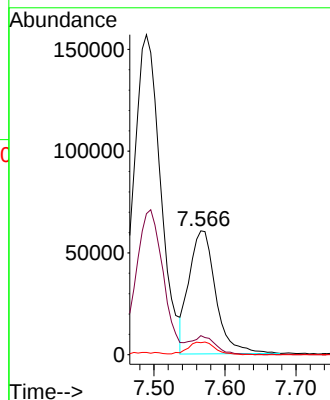
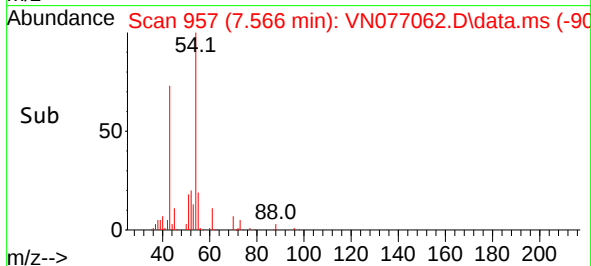
Tgt Ion:	43	Resp:	15797
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.0	16.6
70	10.4	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#38

Carbon Tetrachloride

Concen: 21.210 ug/l

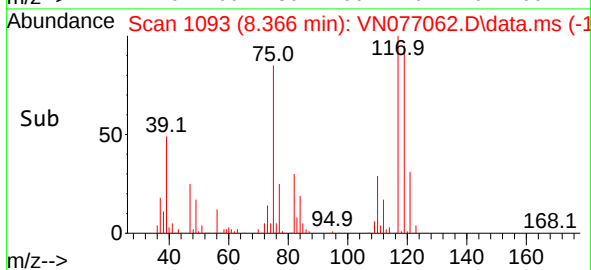
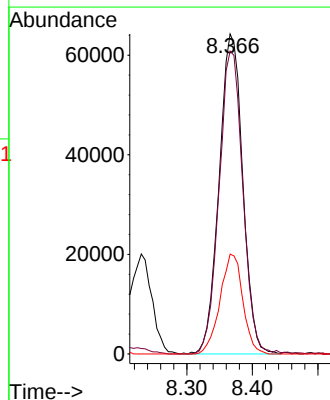
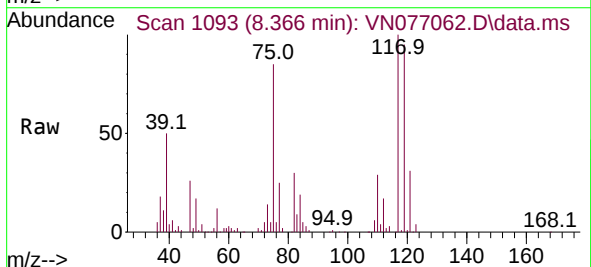
RT: 8.366 min Scan# 1093

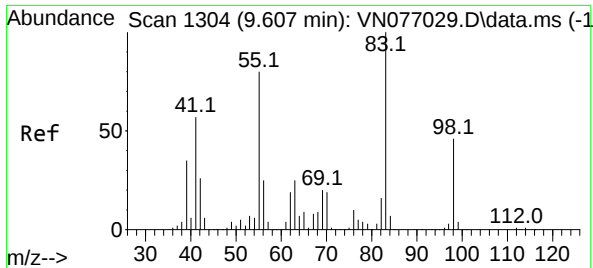
Delta R.T. 0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

Tgt Ion:	117	Resp:	160455
Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.2	117.2
121	31.2	23.2	34.8





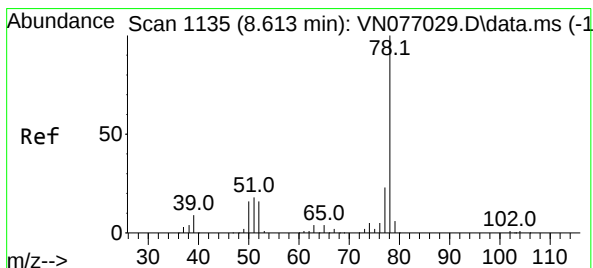
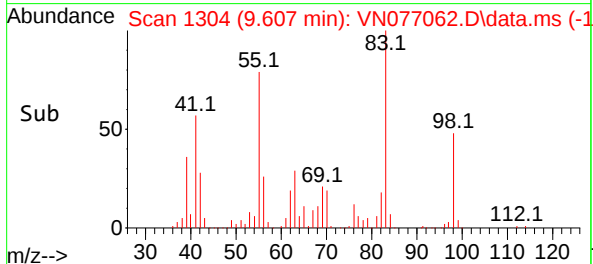
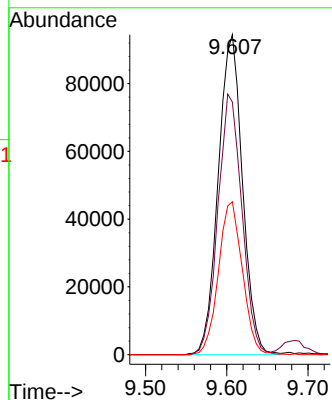
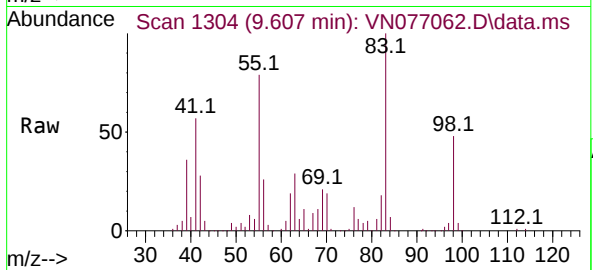
#39
Methylcyclohexane
Concen: 21.588 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 83 Resp: 196254
Ion Ratio Lower Upper
83 100
55 78.9 63.8 95.8
98 47.8 37.1 55.7

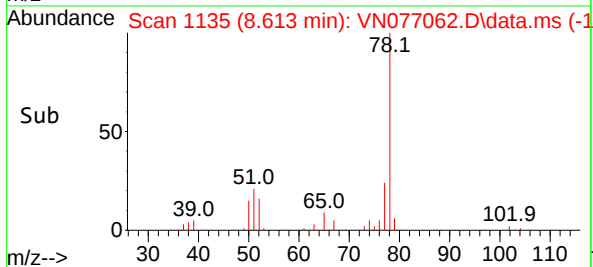
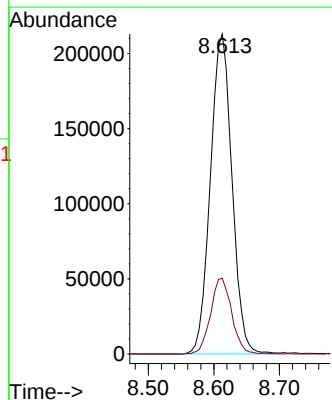
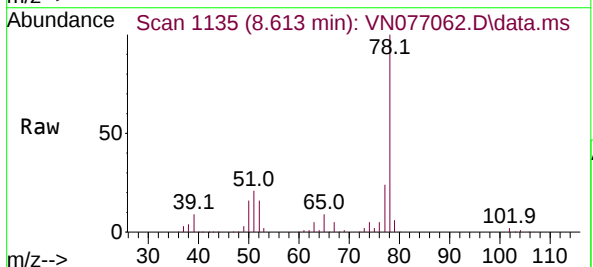
Manual Integrations
APPROVED

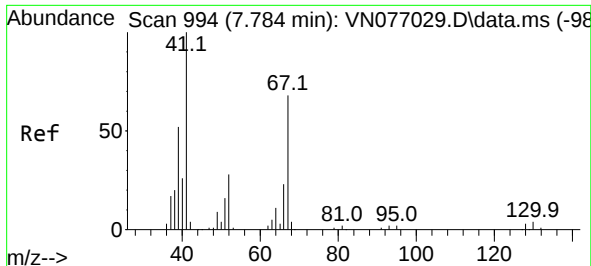
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#40
Benzene
Concen: 20.694 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

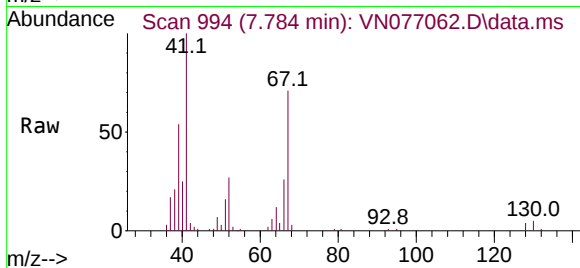
Tgt Ion: 78 Resp: 487435
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7





#41
Methacrylonitrile
Concen: 20.193 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

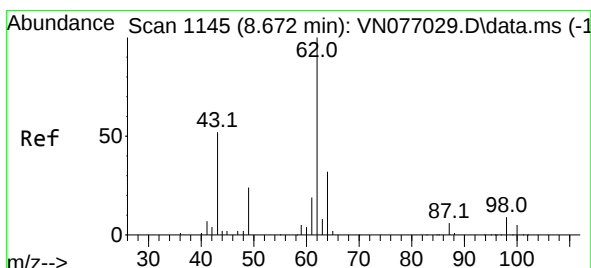
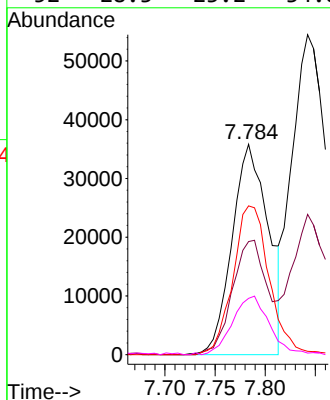
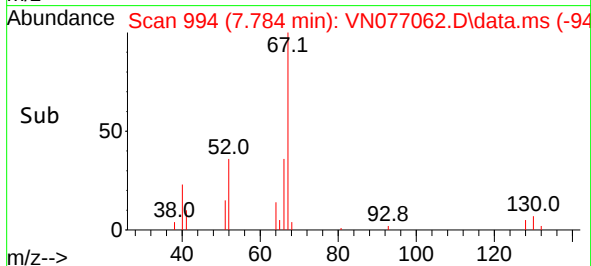
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



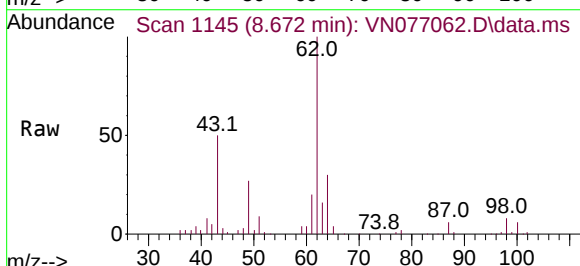
Tgt Ion:	41	Resp:	90390
Ion Ratio	100	Lower	Upper
39	50.1	41.6	62.4
67	70.9	53.8	80.8
52	28.3	23.2	34.8

Manual Integrations
APPROVED

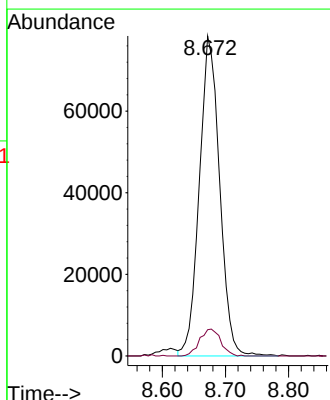
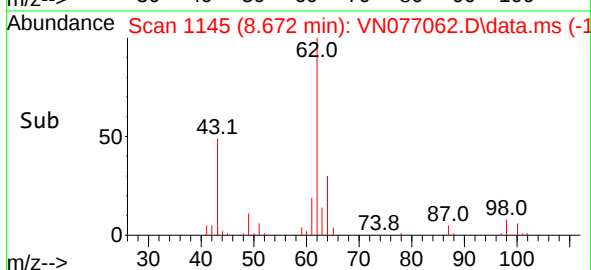
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

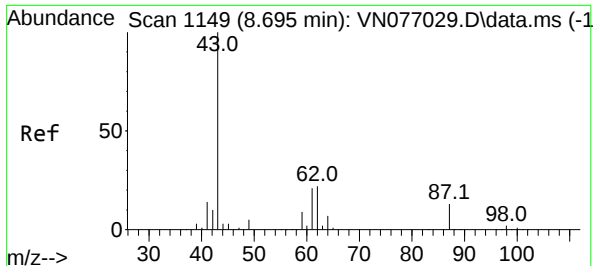


#42
1,2-Dichloroethane
Concen: 20.541 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion:	62	Resp:	174838
Ion Ratio	100	Lower	Upper
98	8.7	0.0	17.4





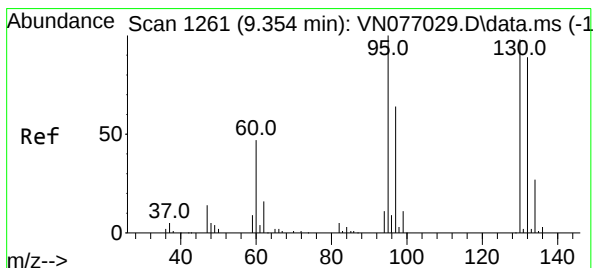
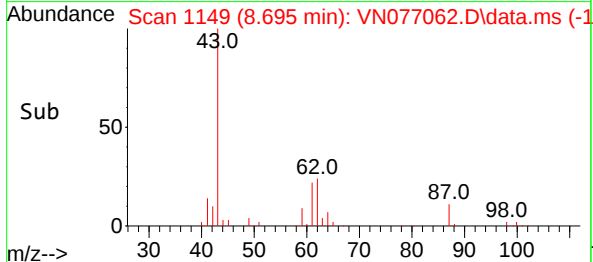
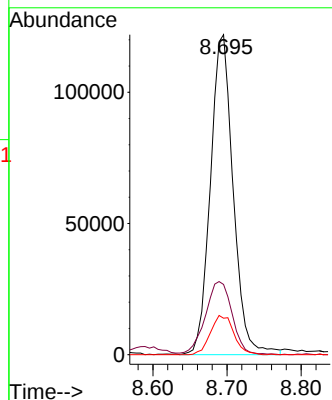
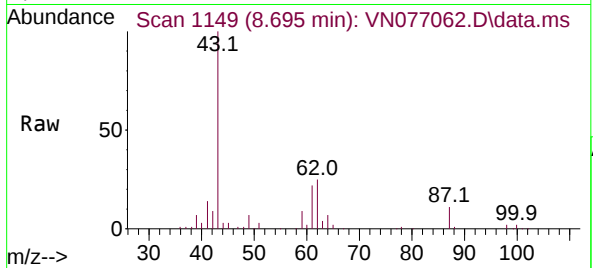
#43
Isopropyl Acetate
Concen: 20.083 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 43 Resp: 260700
Ion Ratio Lower Upper
43 100
61 27.0 20.6 30.8
87 12.6 10.0 15.0

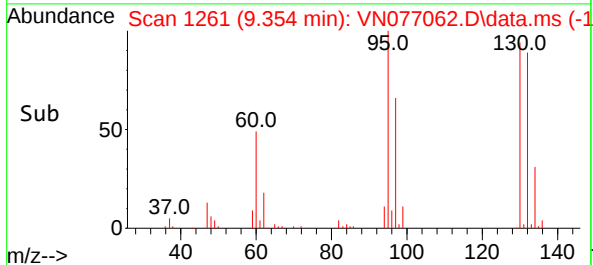
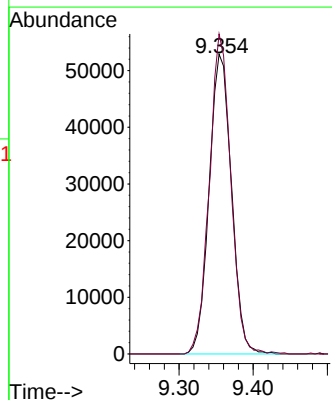
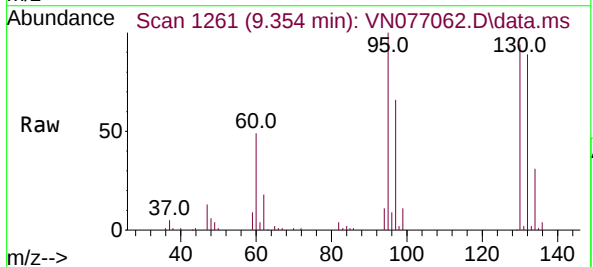
Manual Integrations
APPROVED

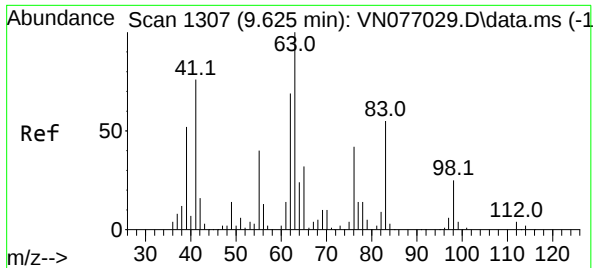
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#44
Trichloroethene
Concen: 20.463 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Tgt Ion:130 Resp: 110713
Ion Ratio Lower Upper
130 100
95 106.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.889 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

Tgt Ion: 63 Resp: 13067

Ion Ratio Lower Upper

63 100

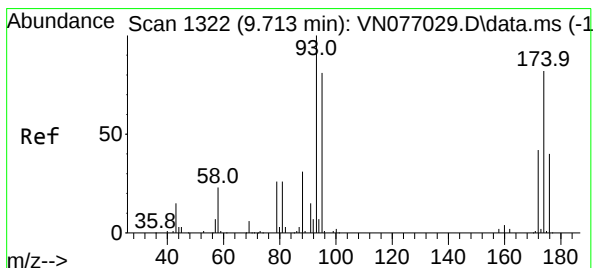
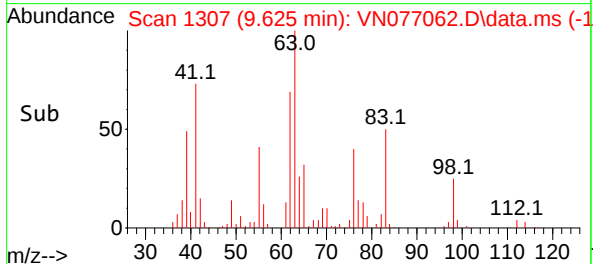
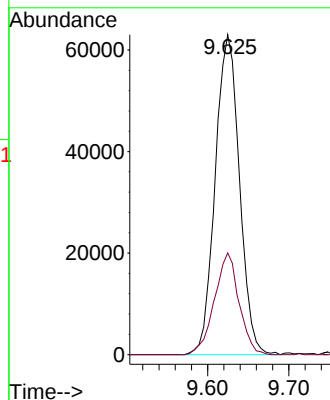
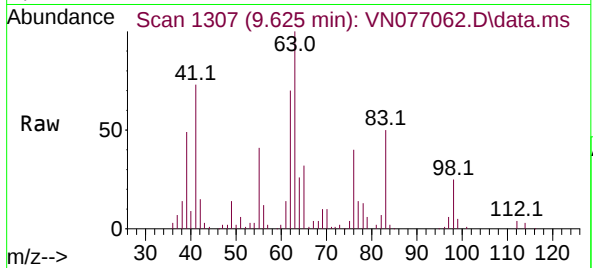
65 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#46

Dibromomethane

Concen: 20.249 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

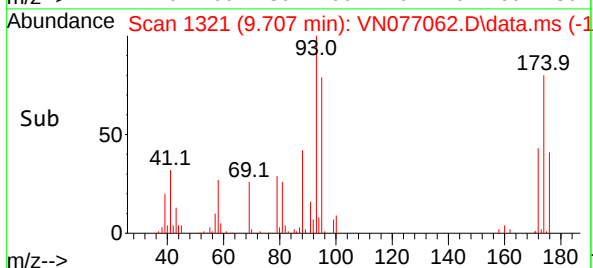
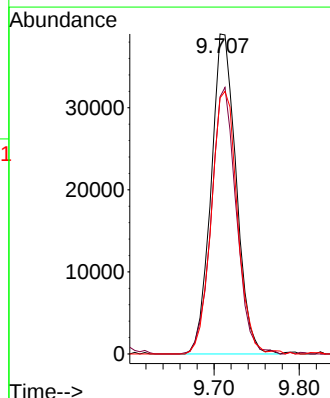
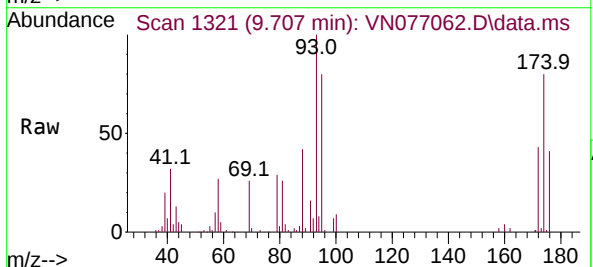
Tgt Ion: 93 Resp: 79892

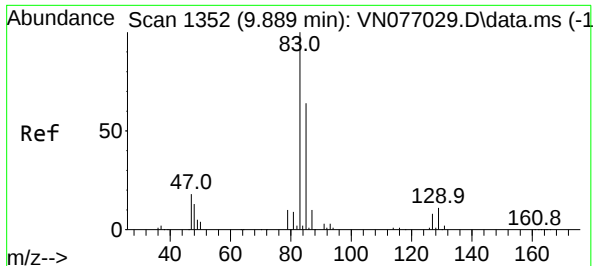
Ion Ratio Lower Upper

93 100

95 82.5 65.7 98.5

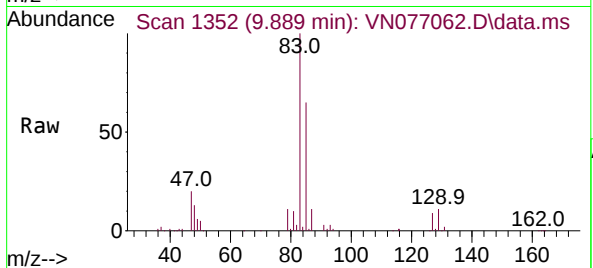
174 85.0 66.4 99.6





#47
Bromodichloromethane
Concen: 20.181 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

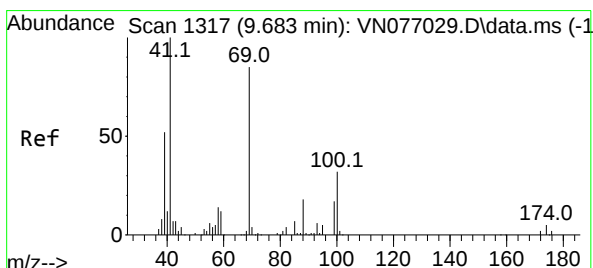
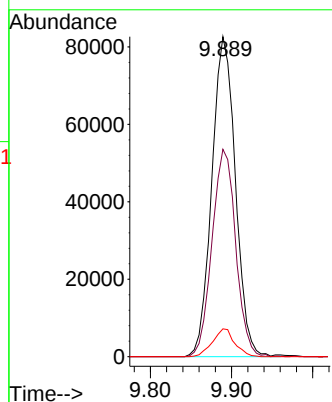
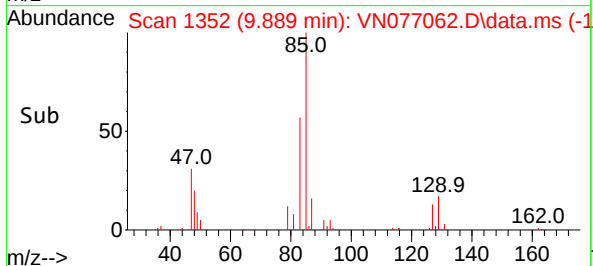
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



Tgt Ion: 83 Resp: 166990
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.4
127 8.7 6.1 9.1

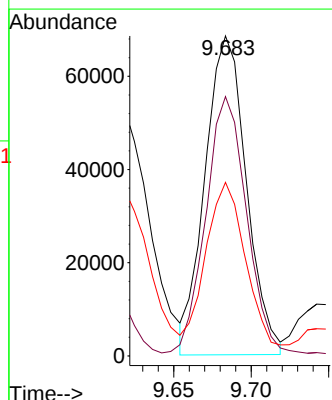
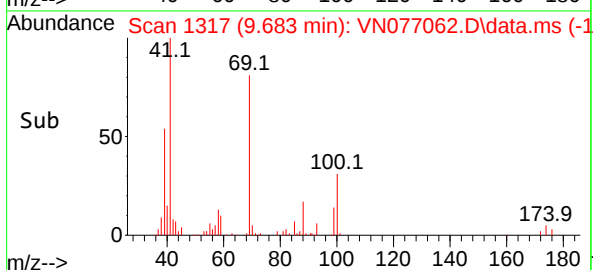
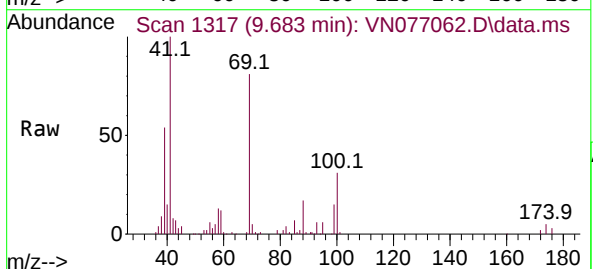
Manual Integrations
APPROVED

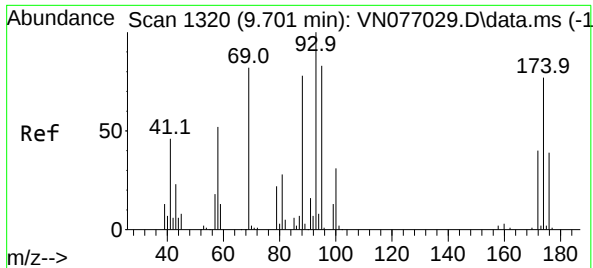
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#48
Methyl methacrylate
Concen: 20.416 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

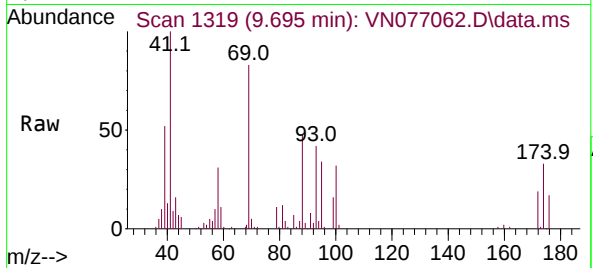
Tgt Ion: 41 Resp: 126697
Ion Ratio Lower Upper
41 100
69 82.2 64.3 96.5
39 54.3 43.2 64.8





#49
1,4-Dioxane
Concen: 401.744 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

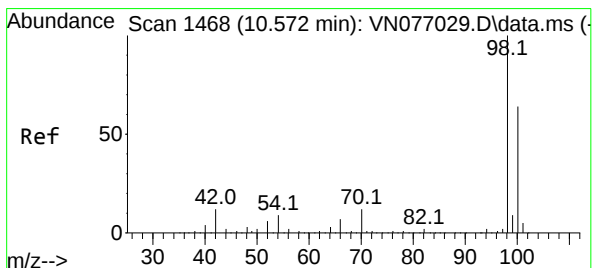
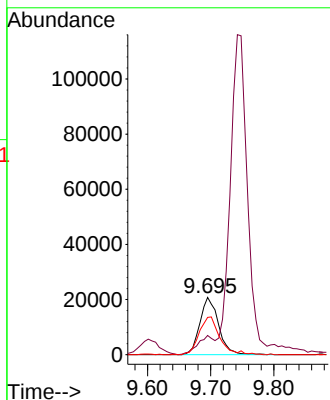
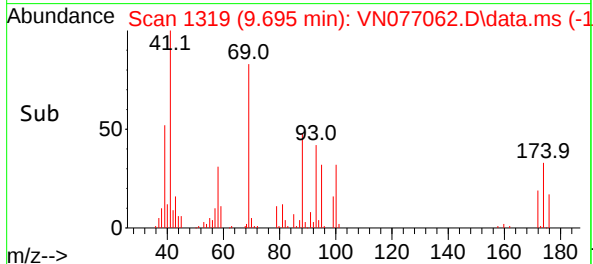
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



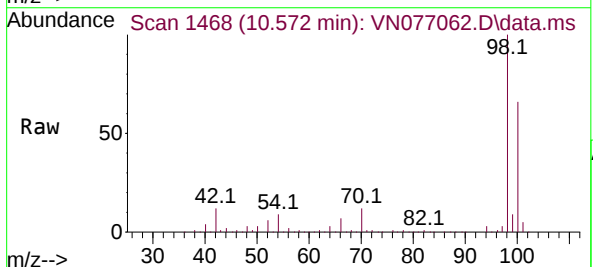
Tgt Ion: 88 Resp: 4258
Ion Ratio Lower Upper
88 100
43 29.5 22.2 33.2
58 73.1 60.8 91.2

Manual Integrations
APPROVED

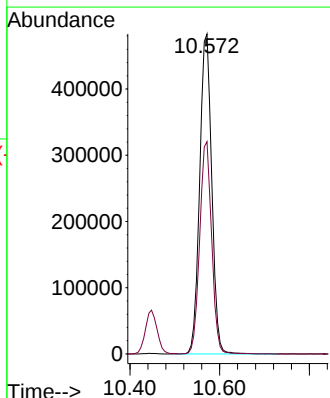
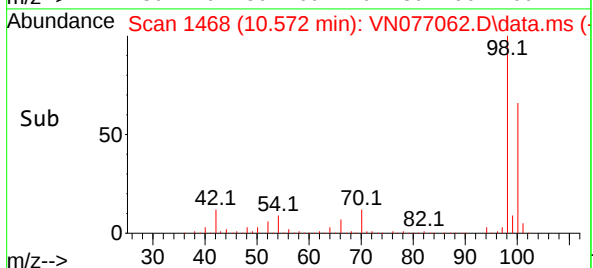
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

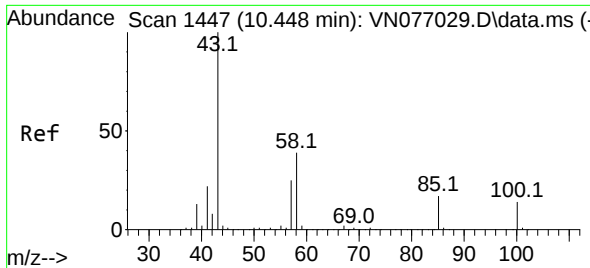


#50
Toluene-d8
Concen: 50.667 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion: 98 Resp: 899973
Ion Ratio Lower Upper
98 100
100 65.9 51.6 77.4





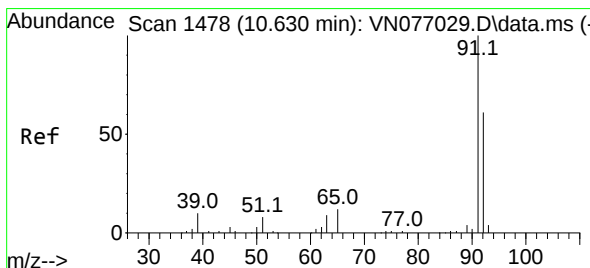
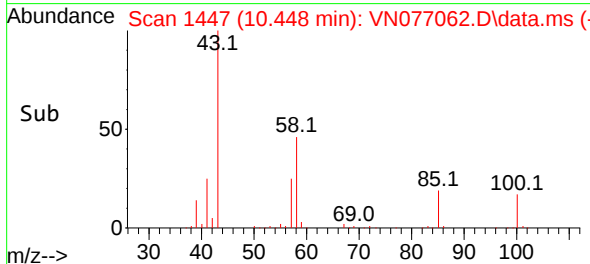
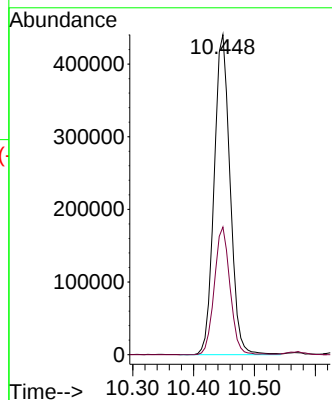
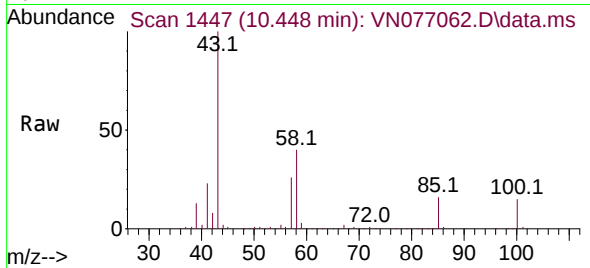
#51
4-Methyl-2-Pentanone
Concen: 99.280 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 43 Resp: 80254
Ion Ratio Lower Upper
43 100
58 39.1 31.1 46.7

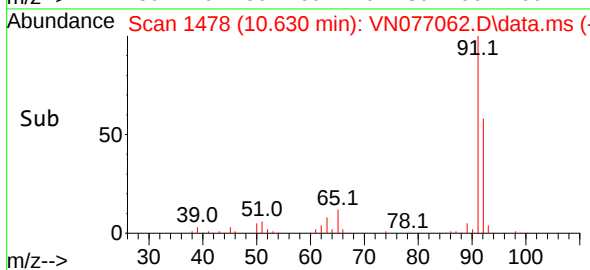
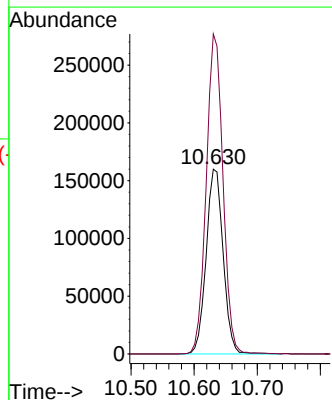
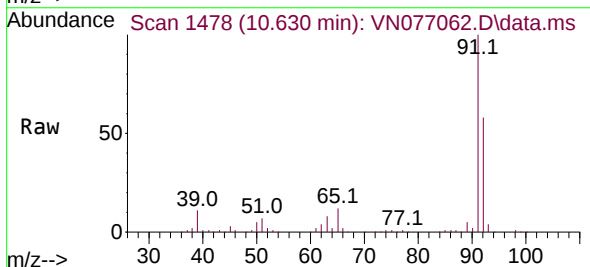
Manual Integrations
APPROVED

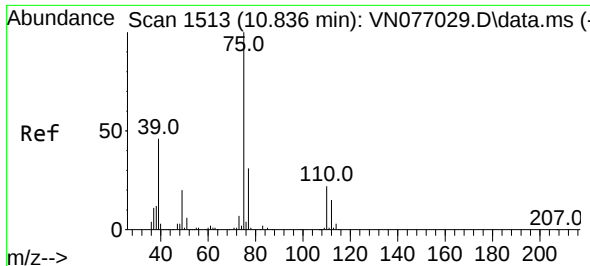
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#52
Toluene
Concen: 21.257 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

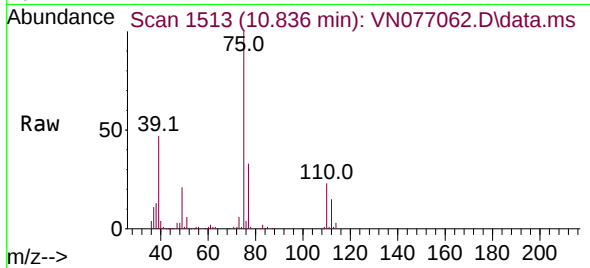
Tgt Ion: 92 Resp: 298947
Ion Ratio Lower Upper
92 100
91 170.0 135.8 203.8





#53
t-1,3-Dichloropropene
Concen: 21.552 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

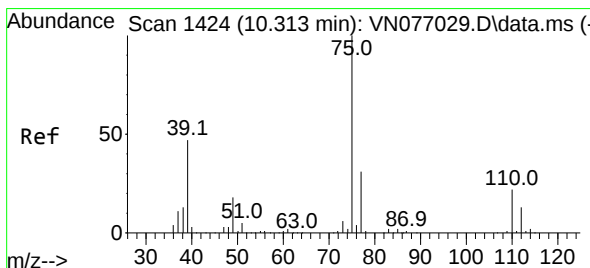
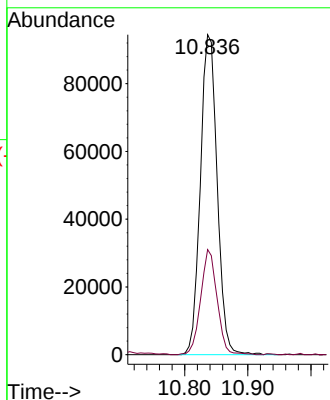
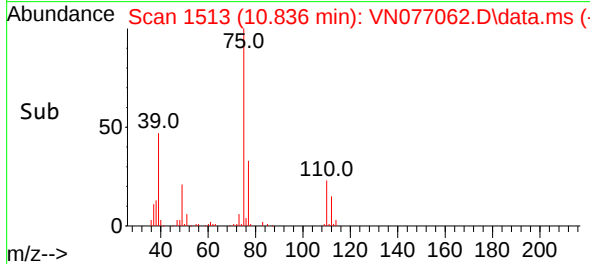
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



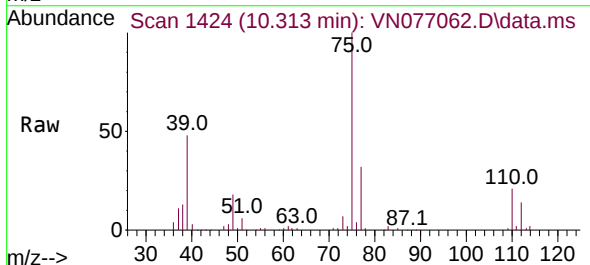
Tgt Ion: 75 Resp: 17479
Ion Ratio Lower Upper
75 100
77 32.9 25.1 37.7

Manual Integrations
APPROVED

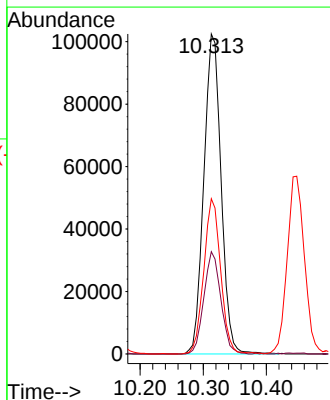
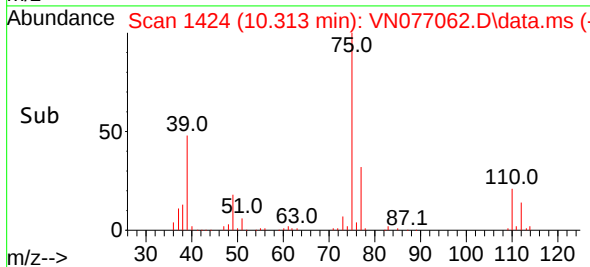
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

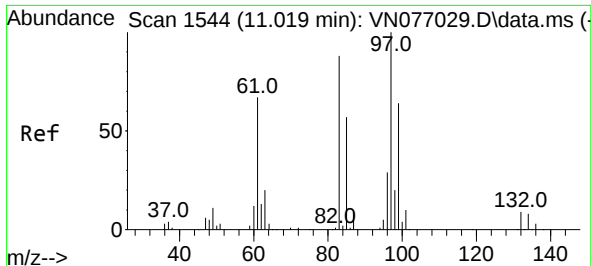


#54
cis-1,3-Dichloropropene
Concen: 21.224 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



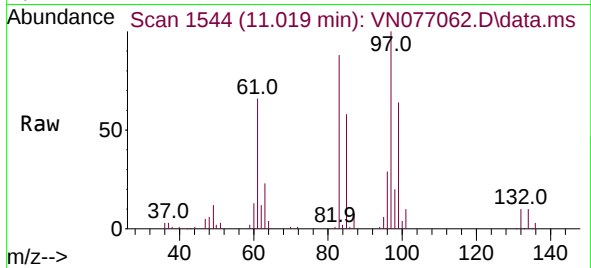
Tgt Ion: 75 Resp: 194214
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7
39 48.5 37.8 56.6





#55
1,1,2-Trichloroethane
Concen: 20.644 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

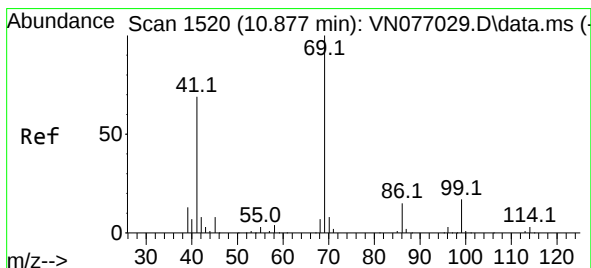
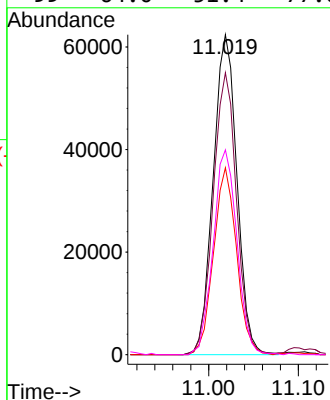
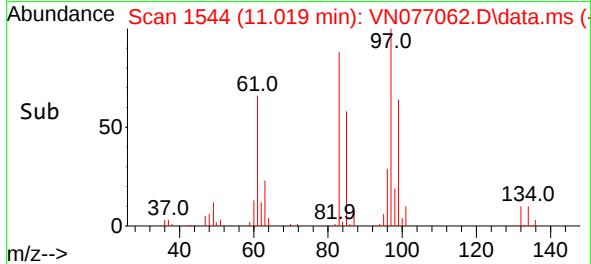
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



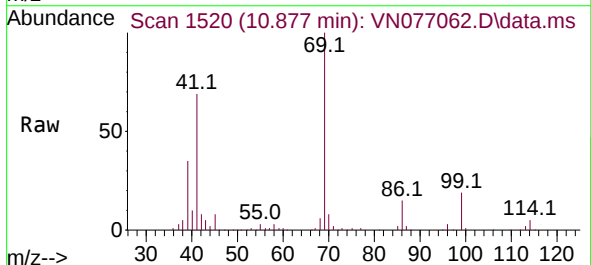
Tgt Ion:	97	Resp:	11448
Ion Ratio	100	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	58.4	45.4	68.2
99	64.0	51.4	77.0

Manual Integrations
APPROVED

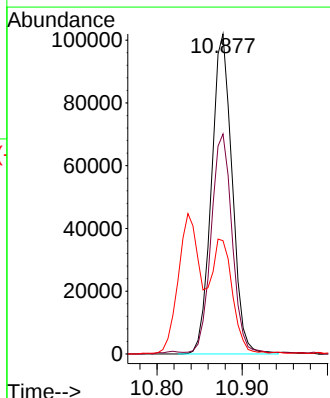
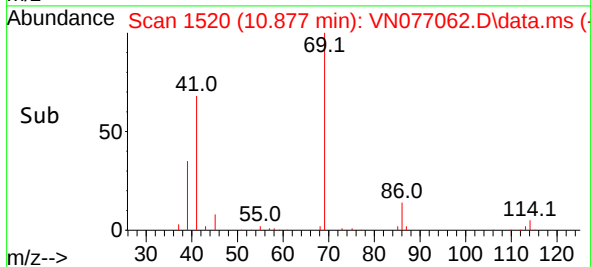
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

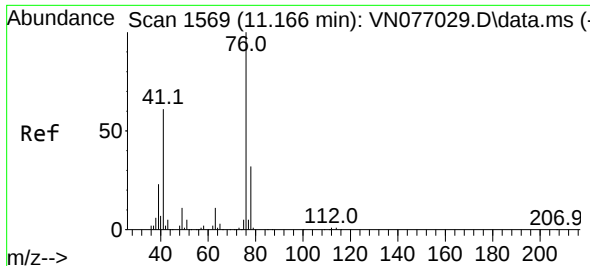


#56
Ethyl methacrylate
Concen: 20.577 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion:	69	Resp:	171598
Ion Ratio	100	Lower	Upper
69	100		
41	69.2	54.9	82.3
39	33.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 20.269 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

Tgt Ion: 76 Resp: 205799

Ion Ratio Lower Upper

76 100

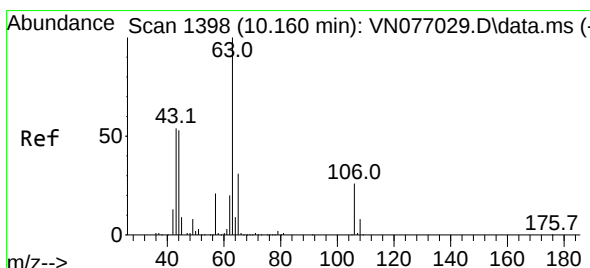
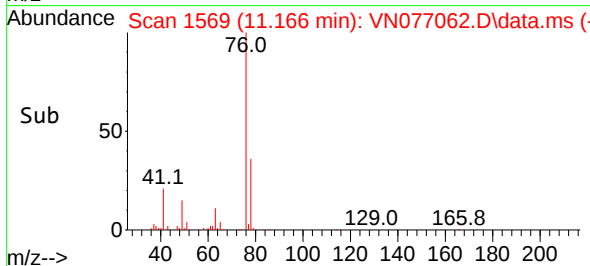
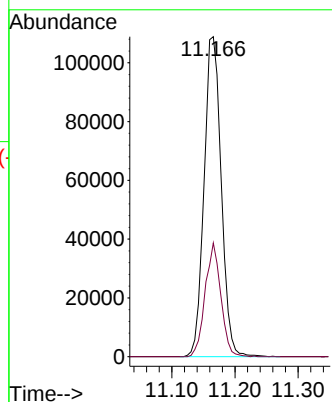
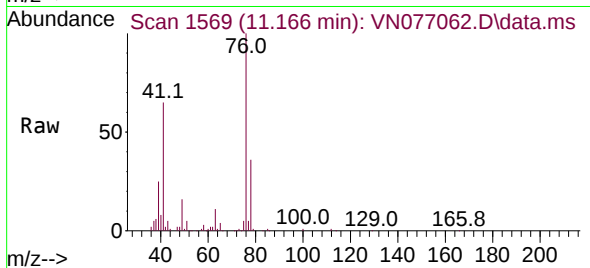
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.313 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077062.D

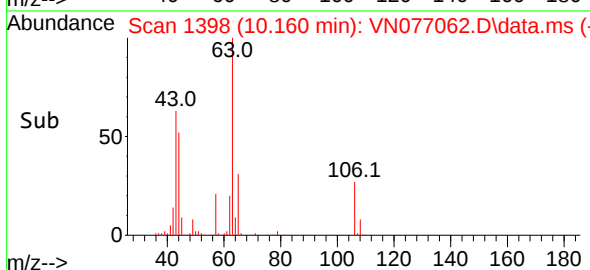
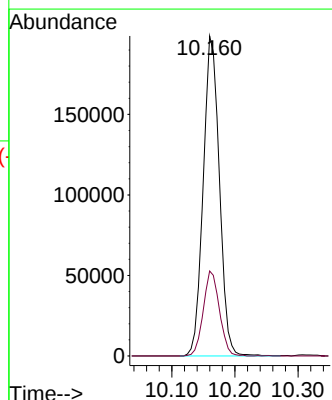
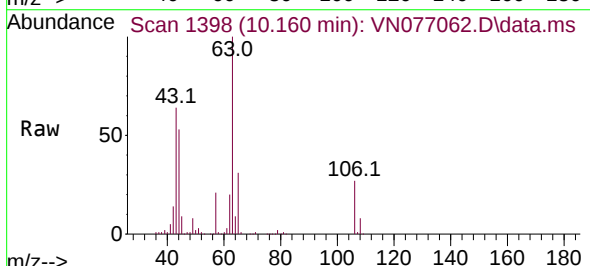
Acq: 20 Mar 2023 12:28

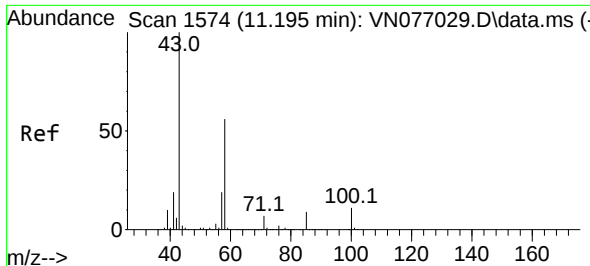
Tgt Ion: 63 Resp: 353085

Ion Ratio Lower Upper

63 100

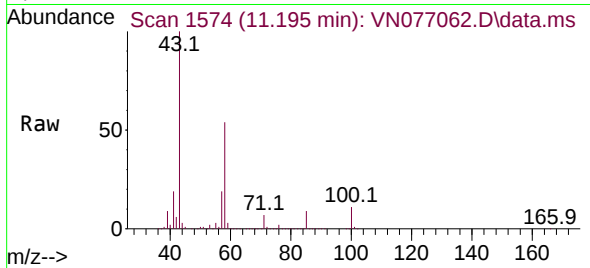
106 26.4 20.6 31.0





#59
2-Hexanone
Concen: 102.404 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

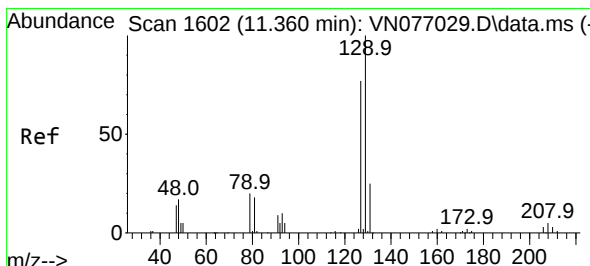
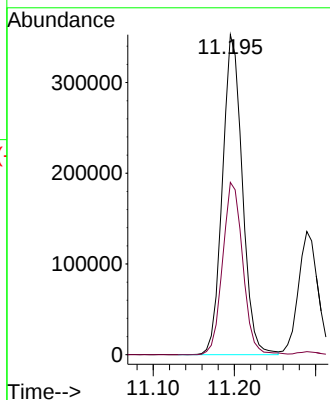
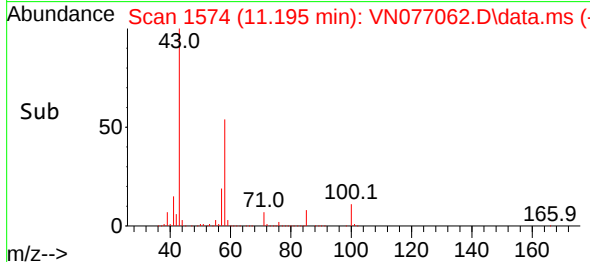
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



Tgt Ion: 43 Resp: 600414
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1

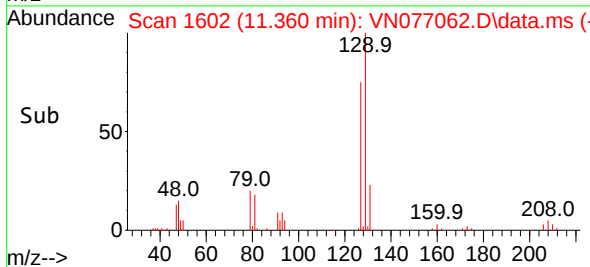
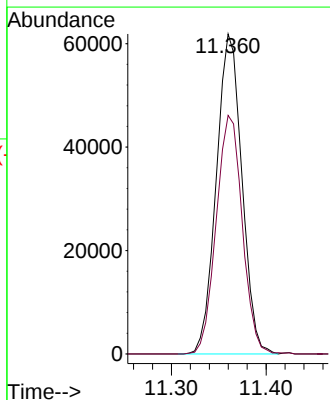
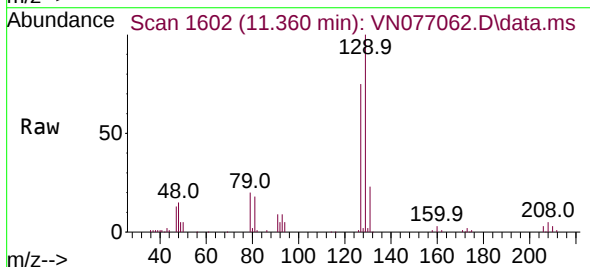
Manual Integrations
APPROVED

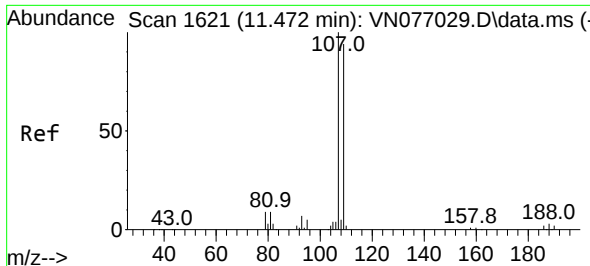
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#60
Dibromochloromethane
Concen: 20.858 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

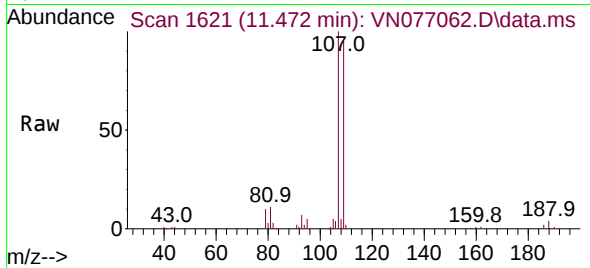
Tgt Ion:129 Resp: 116195
Ion Ratio Lower Upper
129 100
127 76.0 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.896 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

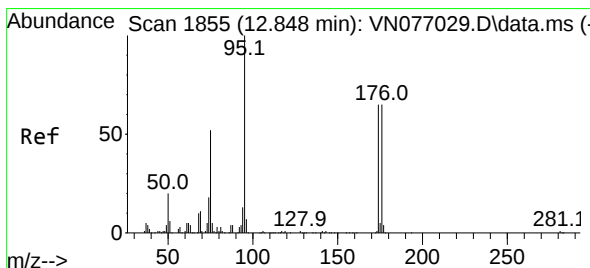
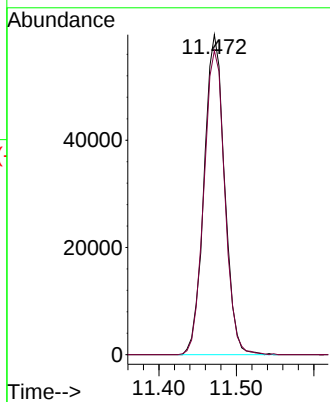
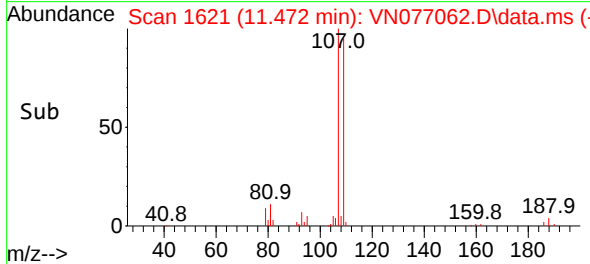
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



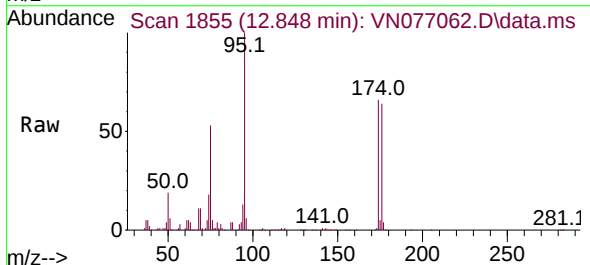
Tgt Ion:107 Resp: 109419
Ion Ratio Lower Upper
107 100
109 96.8 75.6 113.4

Manual Integrations
APPROVED

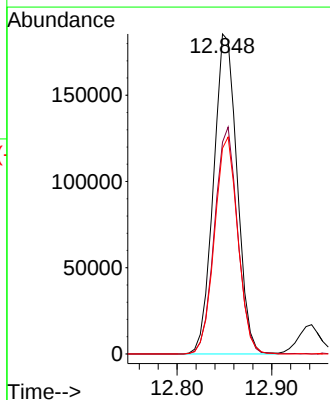
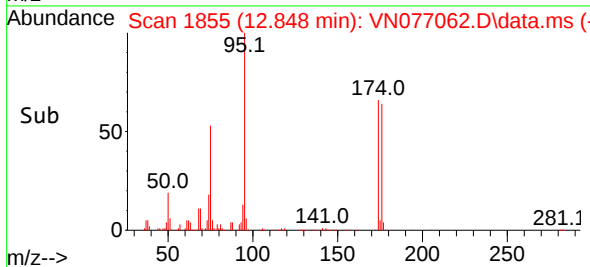
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

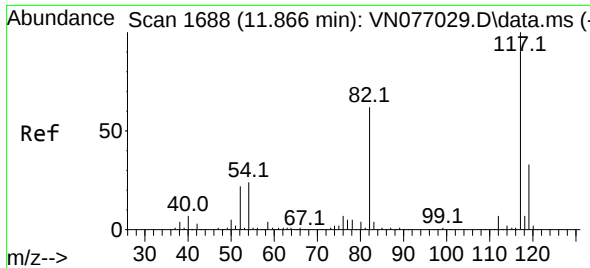


#62
4-Bromofluorobenzene
Concen: 51.105 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



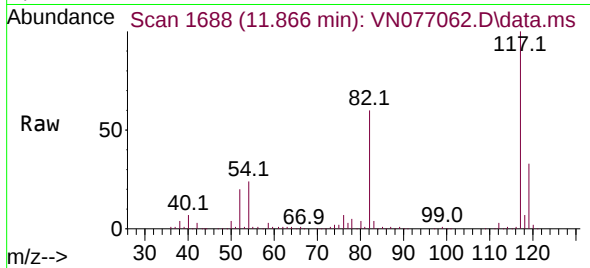
Tgt Ion: 95 Resp: 320766
Ion Ratio Lower Upper
95 100
174 69.6 0.0 136.6
176 67.1 0.0 130.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

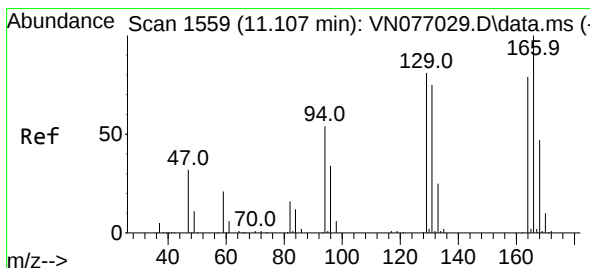
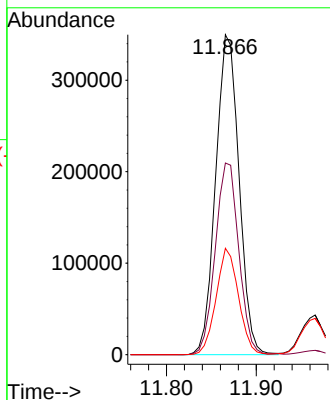
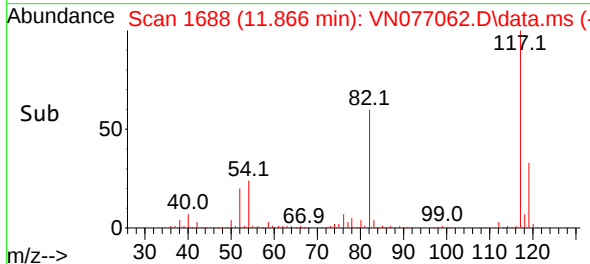
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



Tgt Ion:117 Resp: 632375
Ion Ratio Lower Upper
117 100
82 59.9 49.4 74.0
119 33.3 26.5 39.7

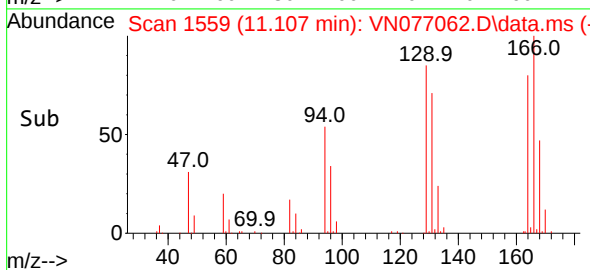
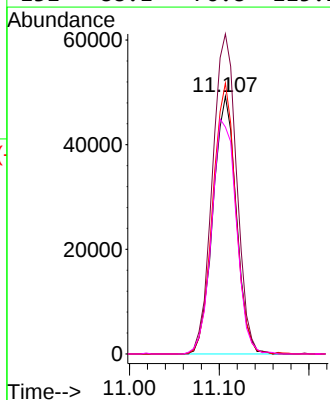
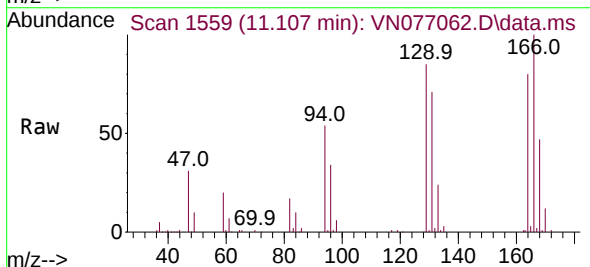
Manual Integrations
APPROVED

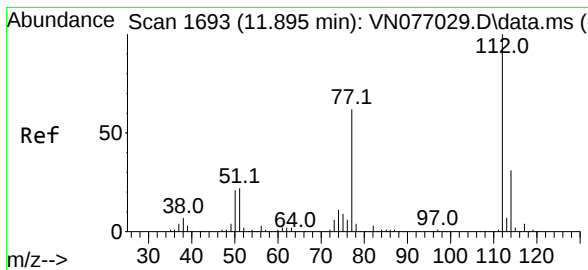
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#64
Tetrachloroethene
Concen: 20.887 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Tgt Ion:164 Resp: 88645
Ion Ratio Lower Upper
164 100
166 124.2 101.9 152.9
129 105.2 82.6 123.8
131 88.1 76.8 115.2





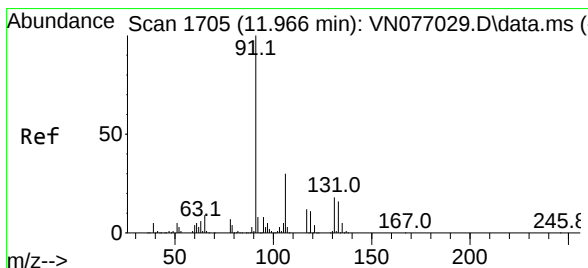
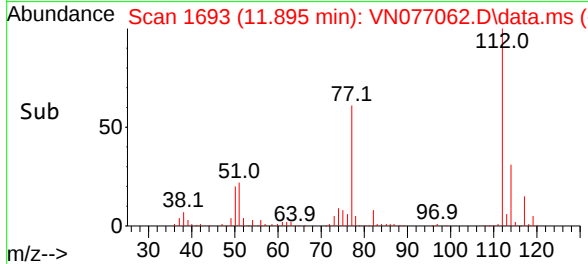
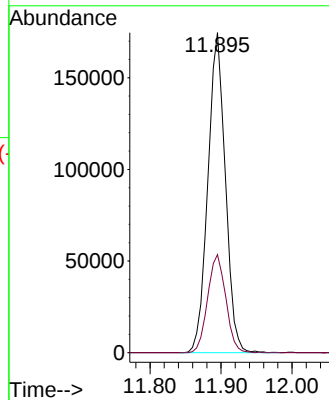
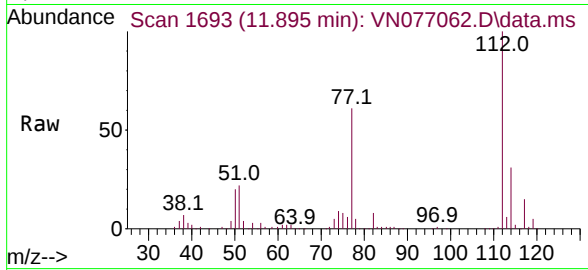
#65
Chlorobenzene
Concen: 20.517 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion:112 Resp: 29852
Ion Ratio Lower Upper
112 100
114 30.6 24.8 37.2

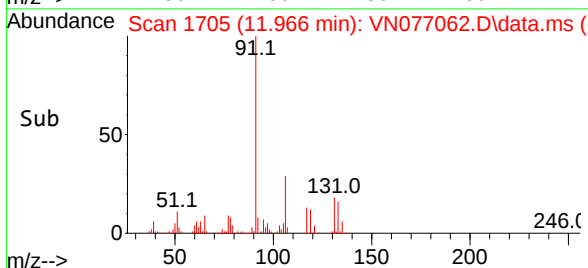
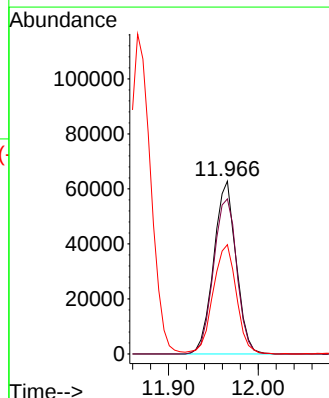
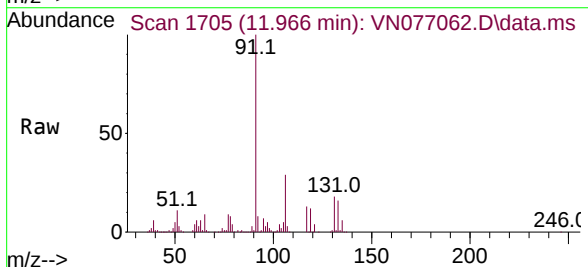
Manual Integrations
APPROVED

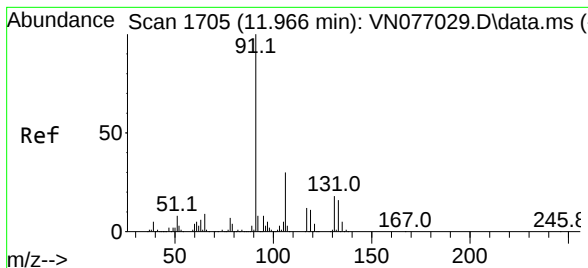
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.267 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

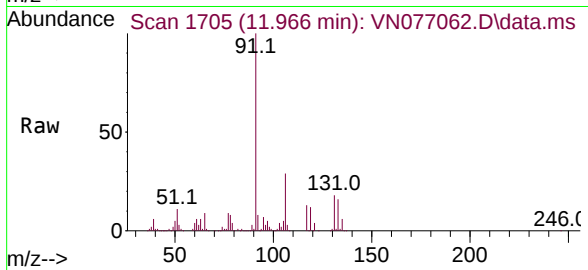
Tgt Ion:131 Resp: 109113
Ion Ratio Lower Upper
131 100
133 93.6 46.8 140.3
119 65.9 32.6 97.8





#67
Ethyl Benzene
Concen: 21.361 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

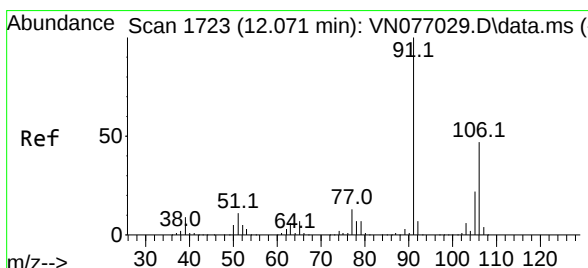
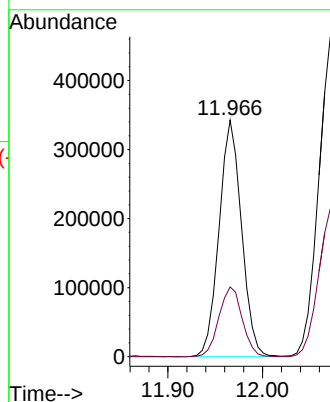
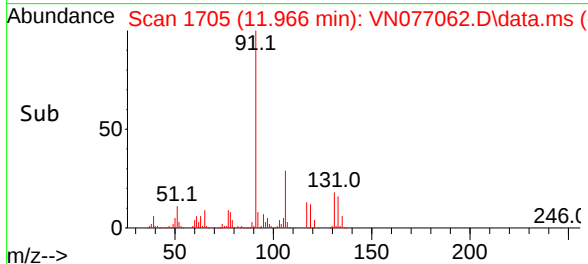
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



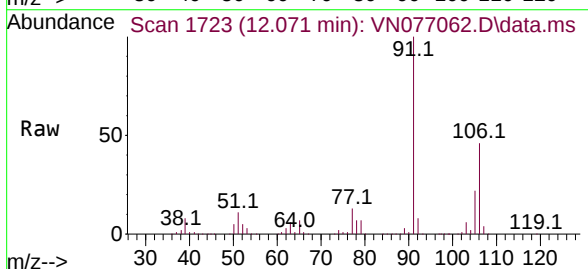
Tgt Ion: 91 Resp: 564558
Ion Ratio Lower Upper
91 100
106 29.5 24.3 36.5

Manual Integrations
APPROVED

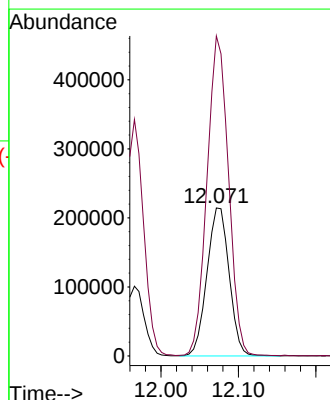
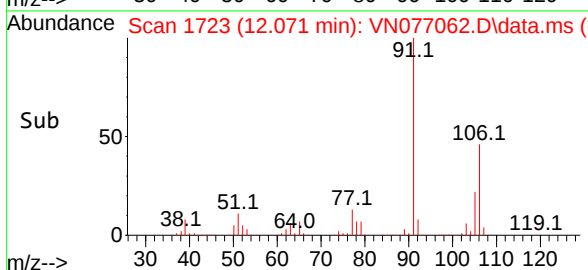
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

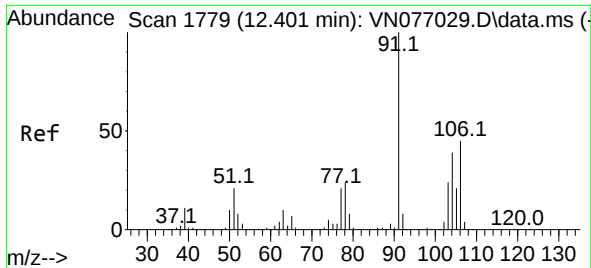


#68
m/p-Xylenes
Concen: 43.560 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion:106 Resp: 426950
Ion Ratio Lower Upper
106 100
91 208.9 168.0 252.0





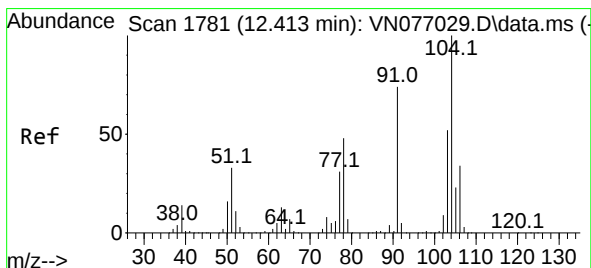
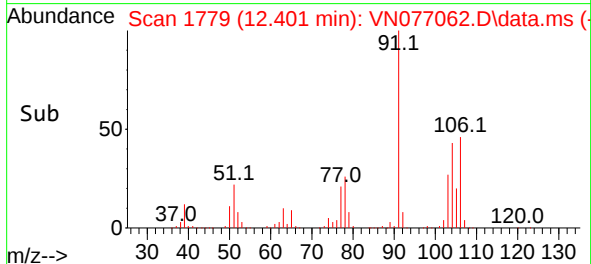
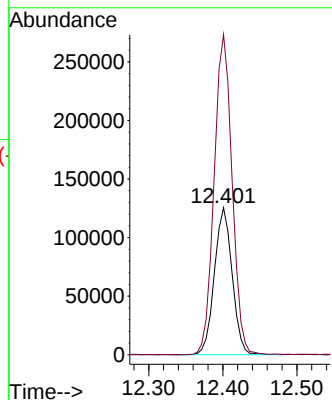
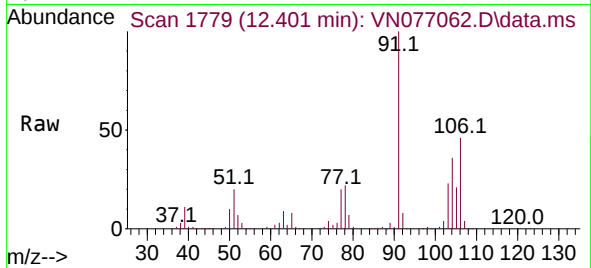
#69
o-Xylene
Concen: 21.436 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion:106 Resp: 20876
Ion Ratio Lower Upper
106 100
91 220.6 110.3 330.9

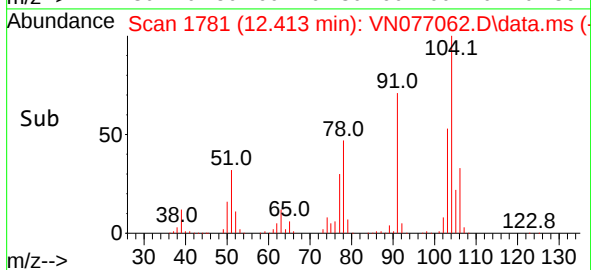
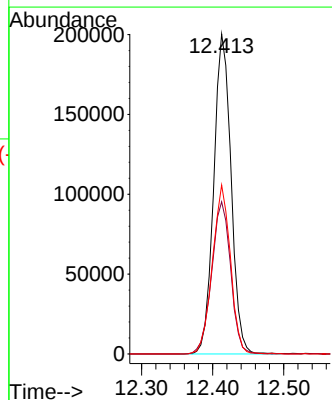
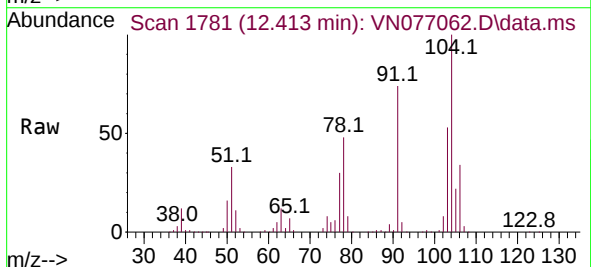
Manual Integrations
APPROVED

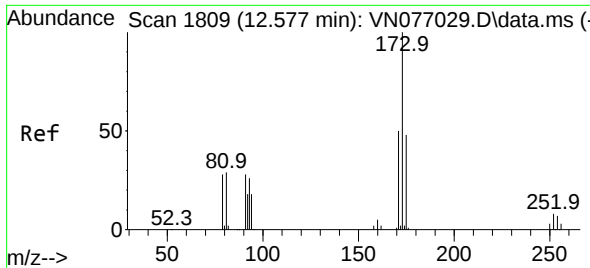
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#70
Styrene
Concen: 22.364 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

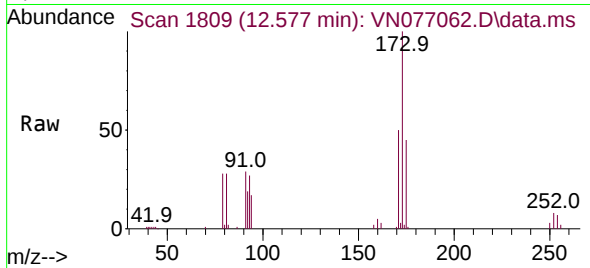
Tgt Ion:104 Resp: 339093
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 54.7 43.8 65.6





#71
Bromoform
Concen: 21.110 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

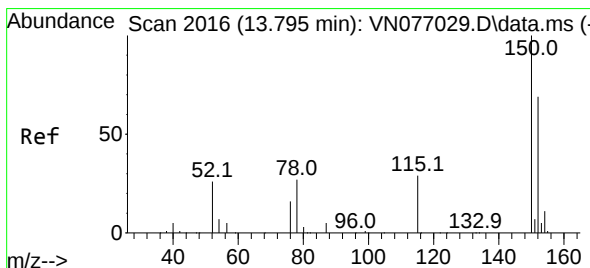
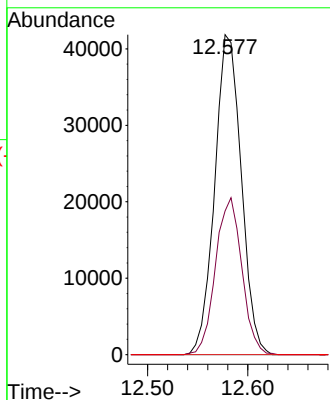
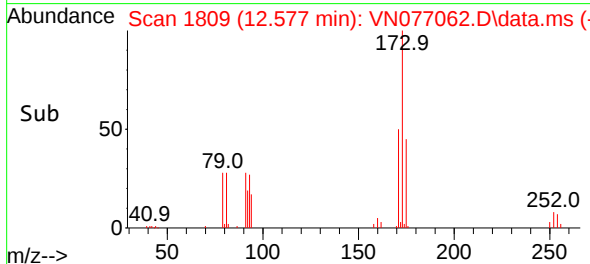
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



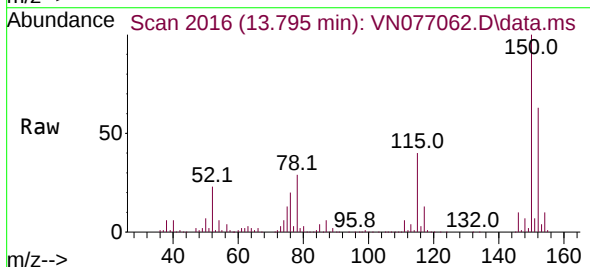
Tgt Ion:173 Resp: 77011
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

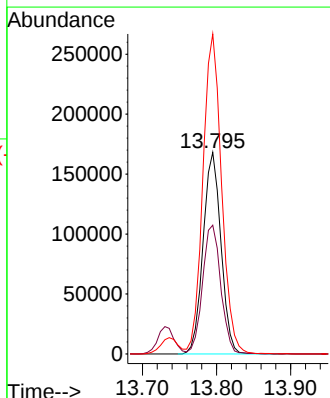
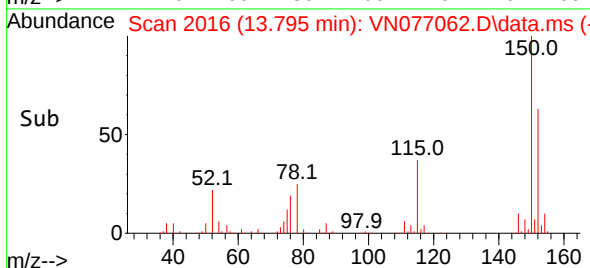
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

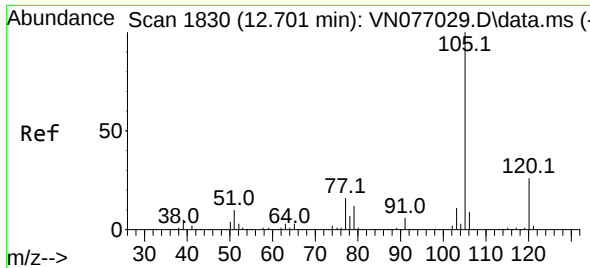


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



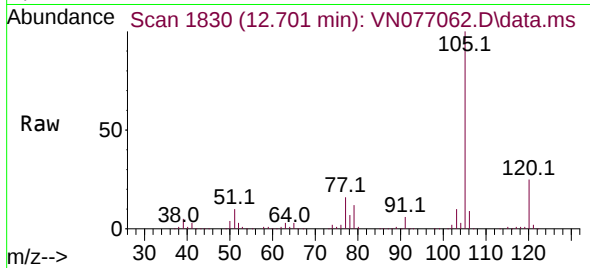
Tgt Ion:152 Resp: 281524
Ion Ratio Lower Upper
152 100
115 65.1 31.9 95.7
150 165.8 0.0 348.0





#73
Isopropylbenzene
Concen: 21.611 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

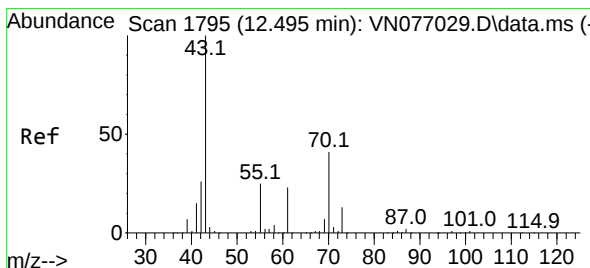
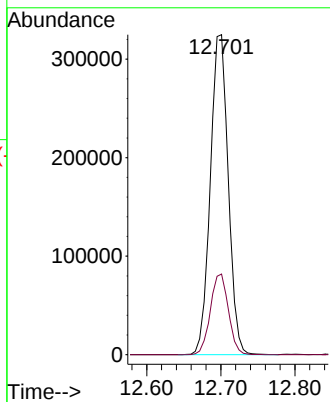
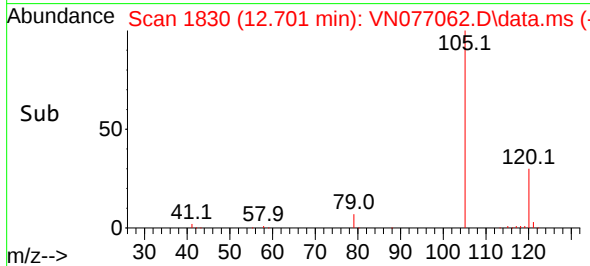
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



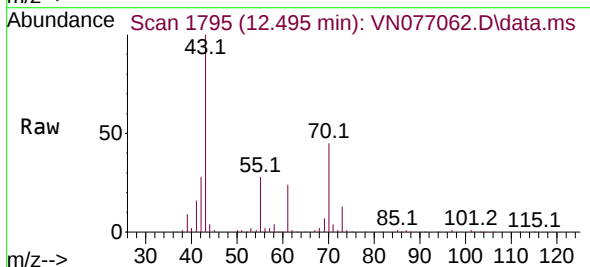
Tgt Ion:105 Resp: 545210
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

Manual Integrations
APPROVED

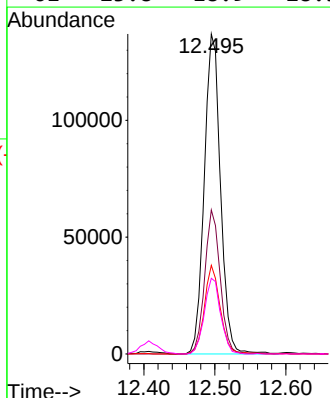
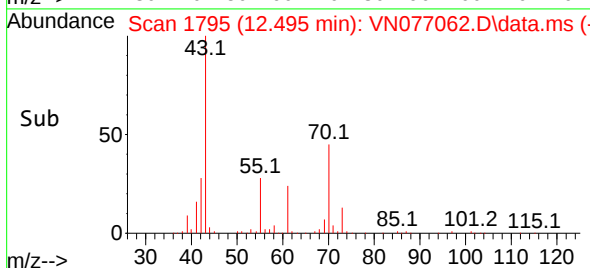
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

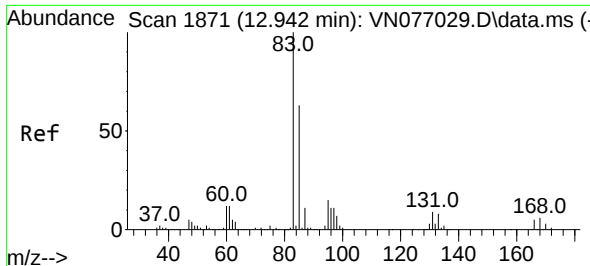


#74
N-ethyl acetate
Concen: 19.986 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



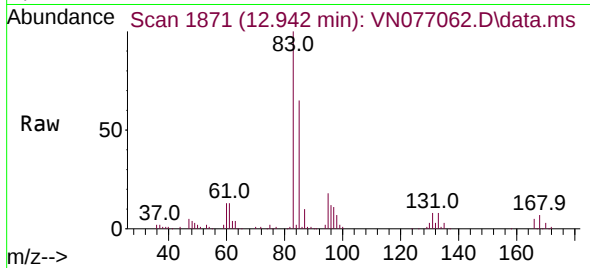
Tgt Ion: 43 Resp: 218245
Ion Ratio Lower Upper
43 100
70 42.8 33.6 50.4
55 26.9 20.3 30.5
61 23.8 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.562 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

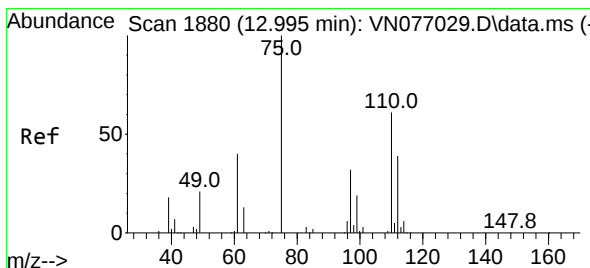
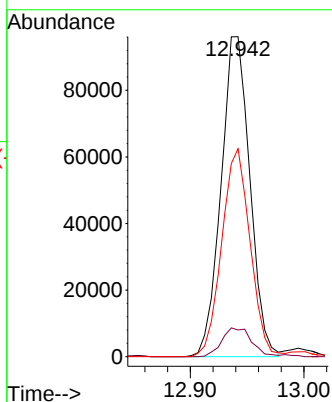
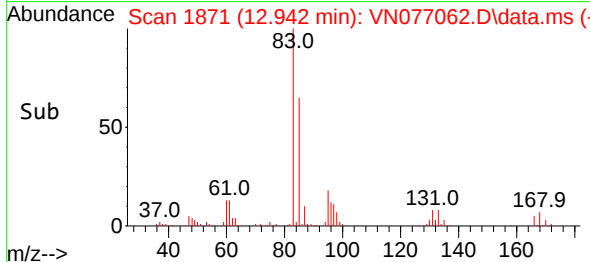
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



Tgt Ion: 83 Resp: 169660
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 63.9 31.9 95.9

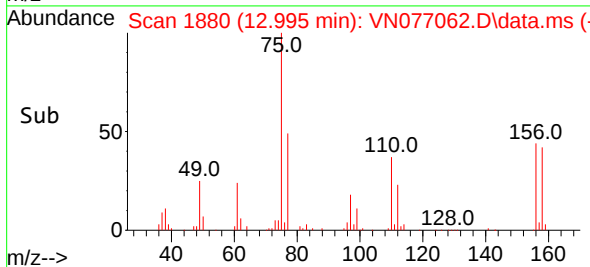
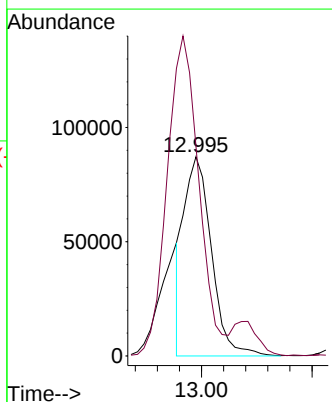
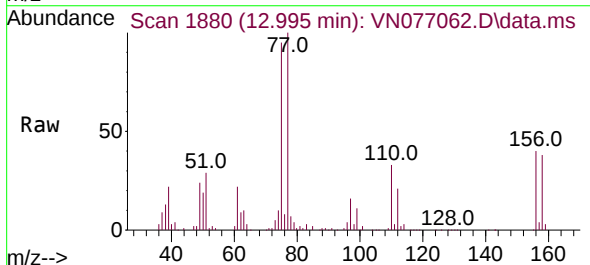
Manual Integrations
APPROVED

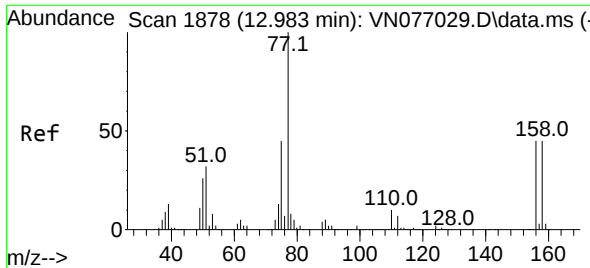
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#76
1,2,3-Trichloropropane
Concen: 20.684 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

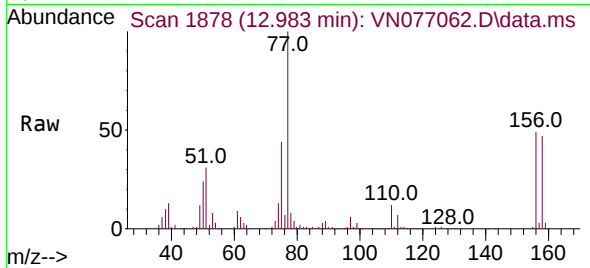
Tgt Ion: 75 Resp: 150619
Ion Ratio Lower Upper
75 100
77 186.8 107.3 322.0





#77
Bromobenzene
Concen: 20.408 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

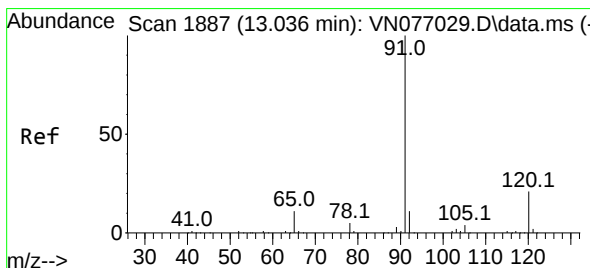
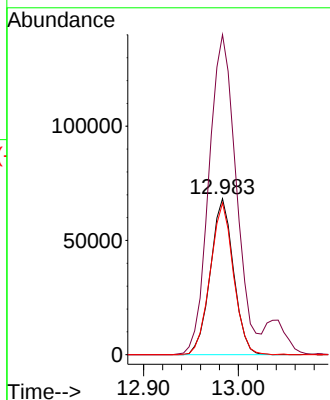
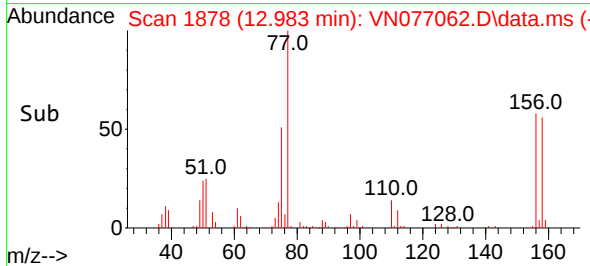
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



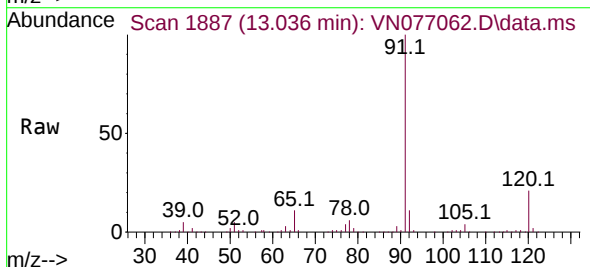
Tgt Ion:156 Resp: 115337
Ion Ratio Lower Upper
156 100
77 243.9 124.8 374.3
158 98.0 48.6 145.9

Manual Integrations
APPROVED

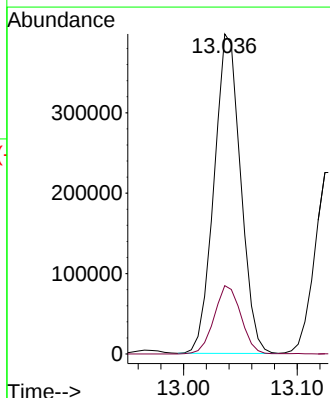
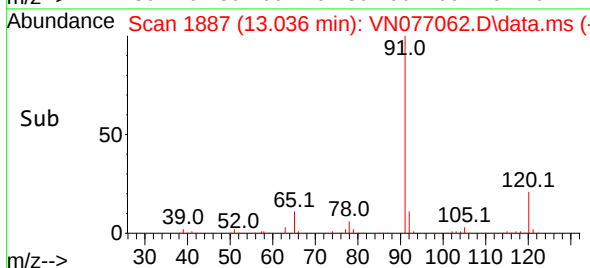
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

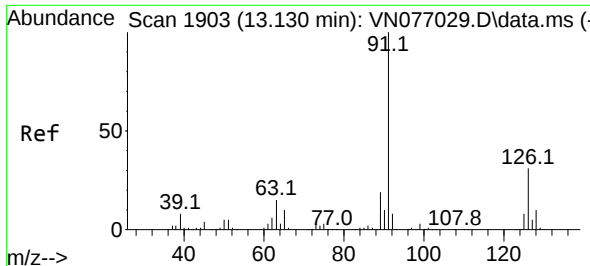


#78
n-propylbenzene
Concen: 22.192 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion: 91 Resp: 646321
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





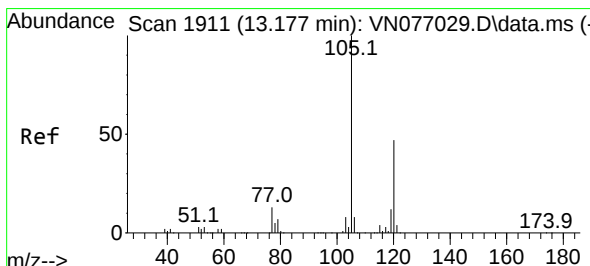
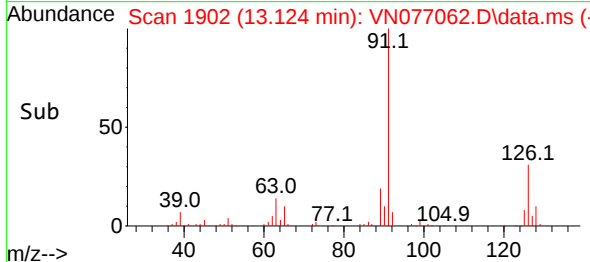
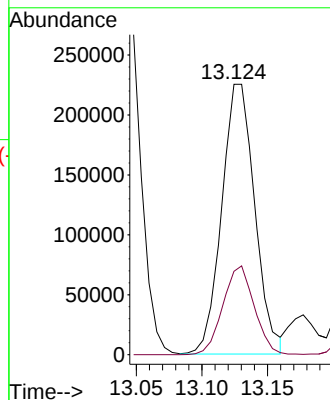
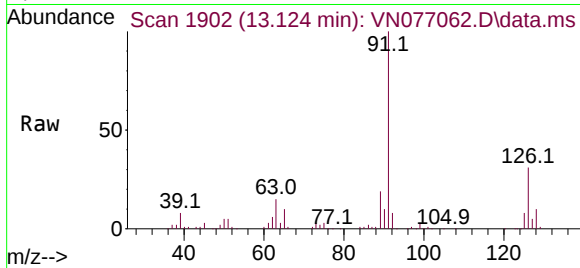
#79
2-Chlorotoluene
Concen: 21.282 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion: 91 Resp: 39495
Ion Ratio Lower Upper
91 100
126 31.2 15.2 45.5

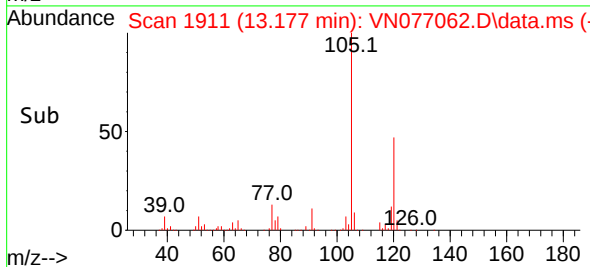
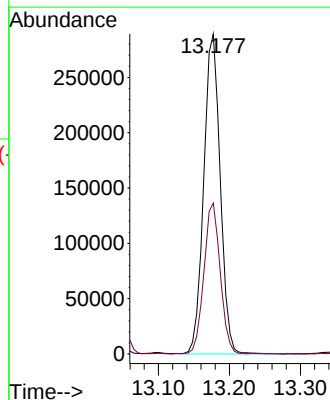
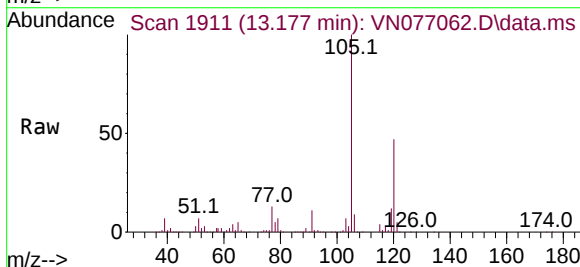
Manual Integrations
APPROVED

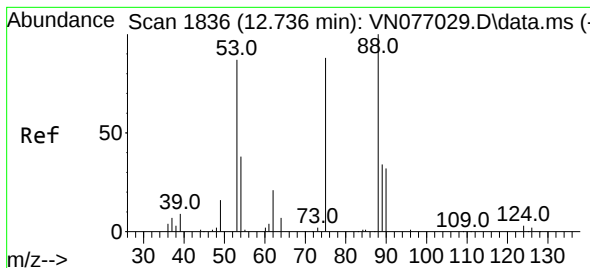
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.205 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

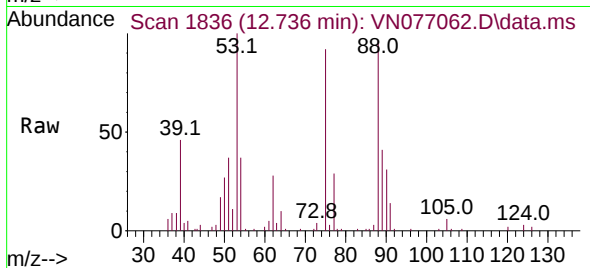
Tgt Ion:105 Resp: 467737
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.843 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

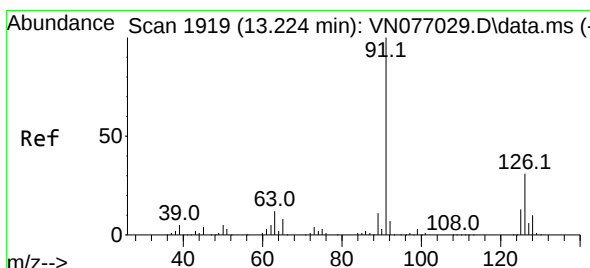
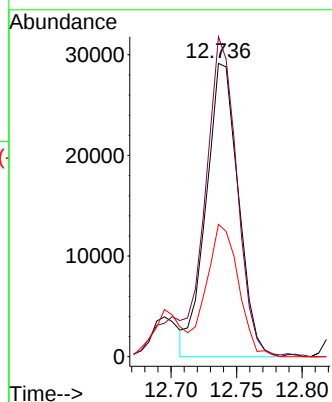
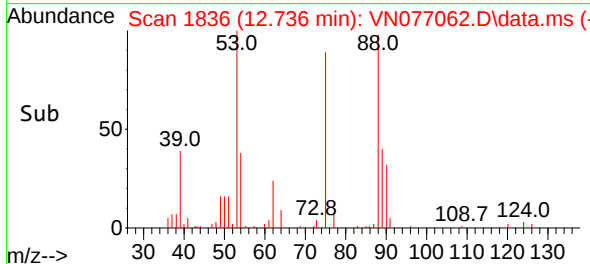
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



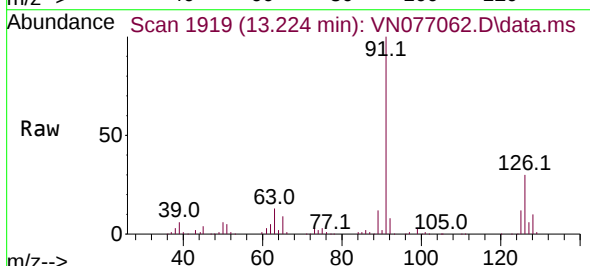
Tgt Ion: 75 Resp: 49850
Ion Ratio Lower Upper
75 100
53 118.3 80.8 121.2
89 44.8 34.2 51.4

Manual Integrations
APPROVED

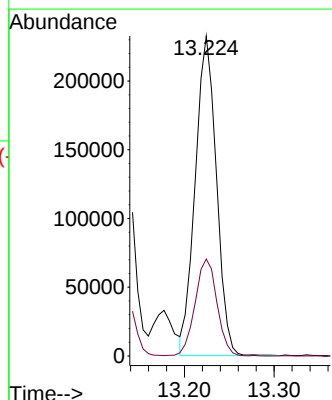
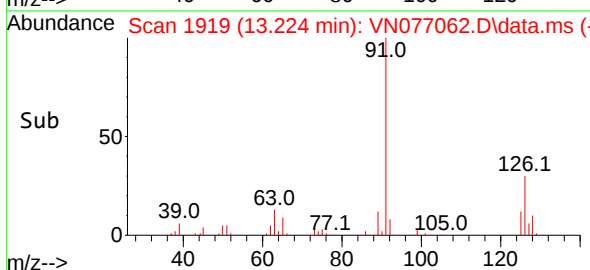
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

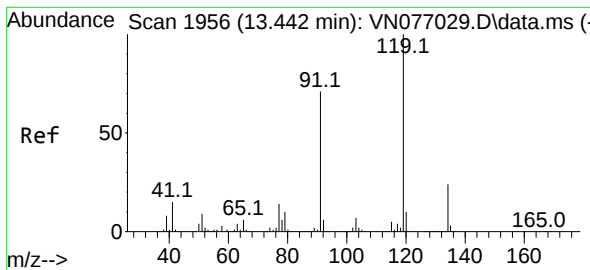


#82
4-Chlorotoluene
Concen: 21.539 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion: 91 Resp: 380109
Ion Ratio Lower Upper
91 100
126 31.5 15.5 46.5





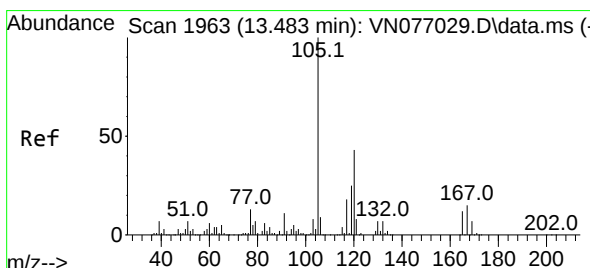
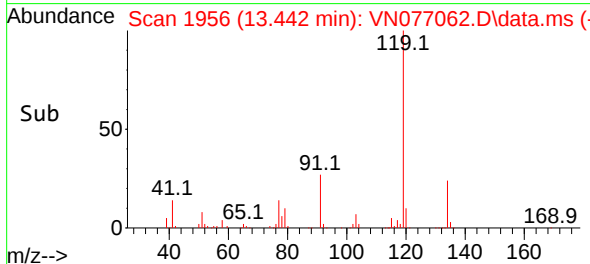
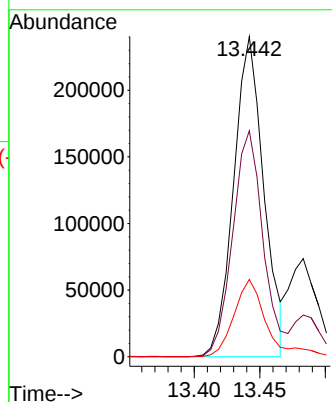
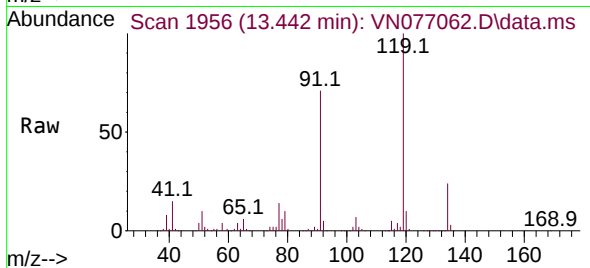
#83
tert-Butylbenzene
Concen: 21.736 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion:119 Resp: 384420
Ion Ratio Lower Upper
119 100
91 71.9 35.8 107.3
134 26.0 13.3 39.8

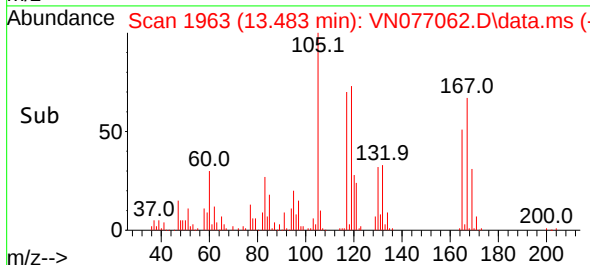
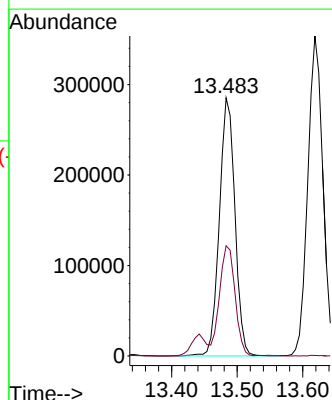
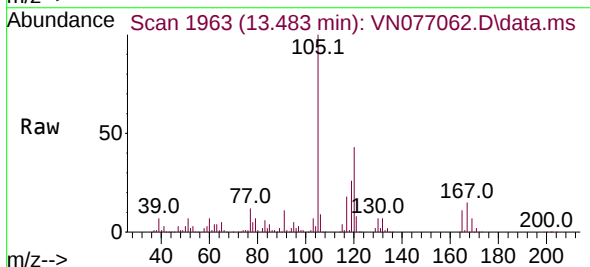
Manual Integrations
APPROVED

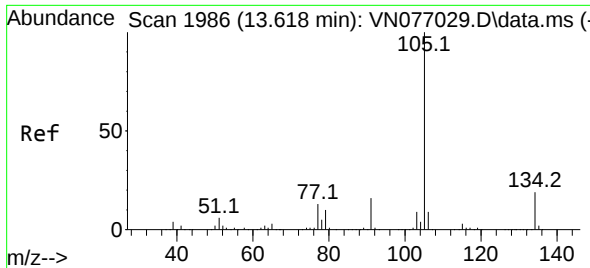
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.288 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

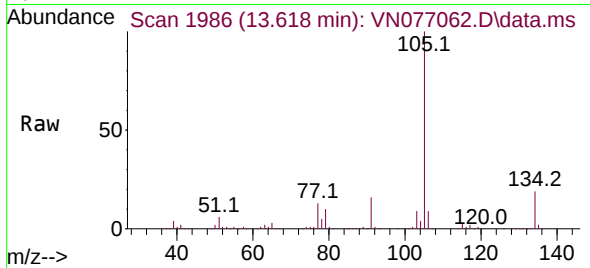
Tgt Ion:105 Resp: 468504
Ion Ratio Lower Upper
105 100
120 42.5 21.8 65.3





#85
 sec-Butylbenzene
 Concen: 22.483 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077062.D
 Acq: 20 Mar 2023 12:28

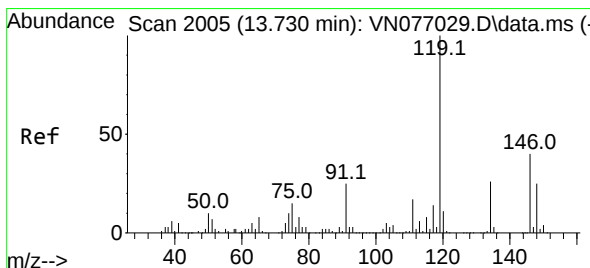
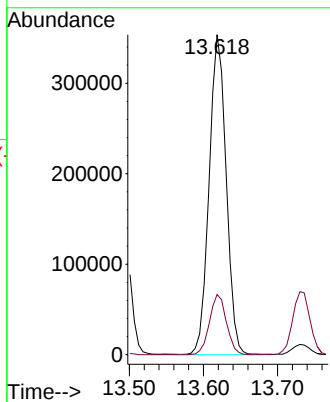
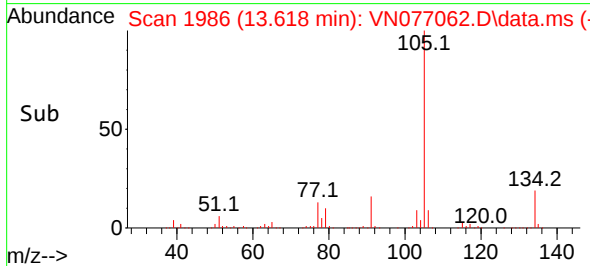
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01



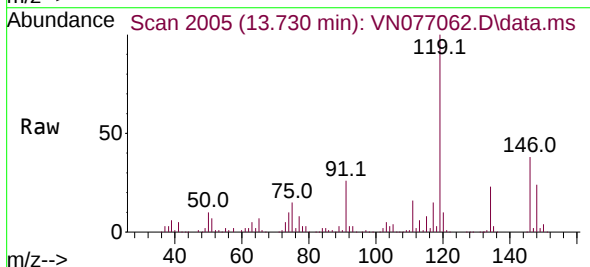
Tgt Ion:105 Resp: 56562
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.3 27.9

Manual Integrations
 APPROVED

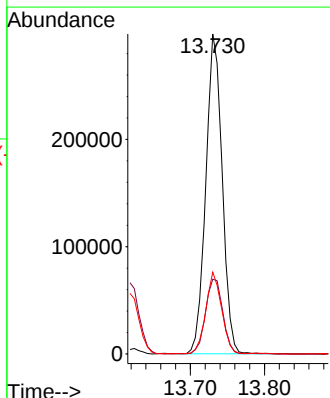
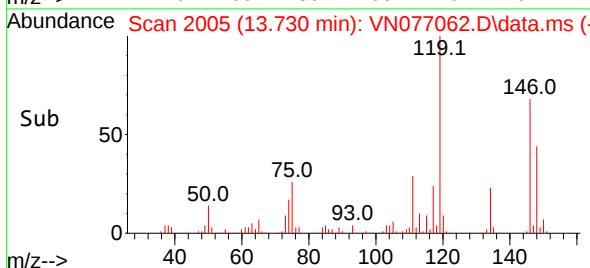
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

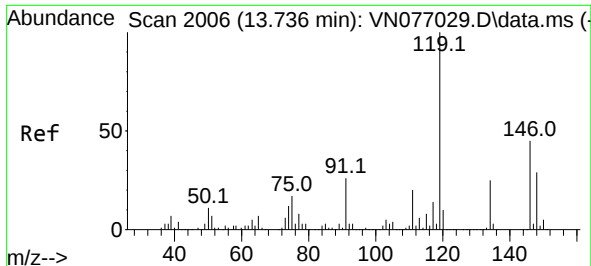


#86
 p-Isopropyltoluene
 Concen: 22.626 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077062.D
 Acq: 20 Mar 2023 12:28



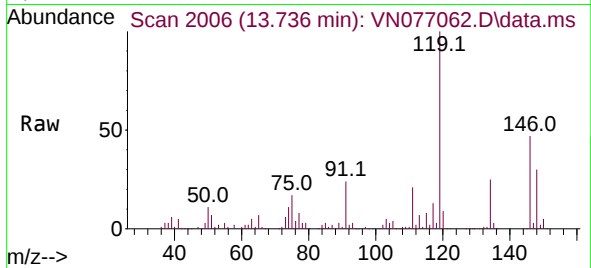
Tgt Ion:119 Resp: 457115
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.4
 91 24.5 12.7 38.1





#87
 1,3-Dichlorobenzene
 Concen: 20.390 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077062.D
 Acq: 20 Mar 2023 12:28

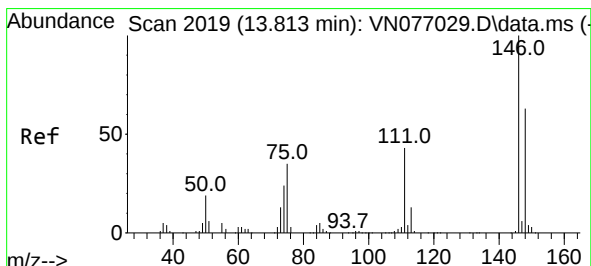
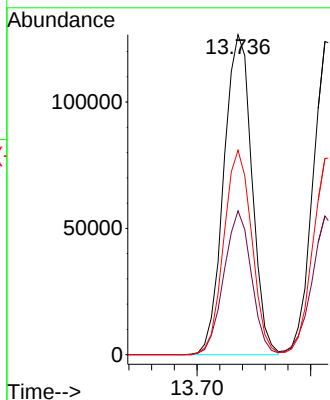
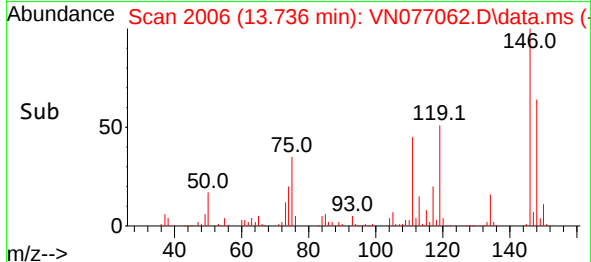
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01



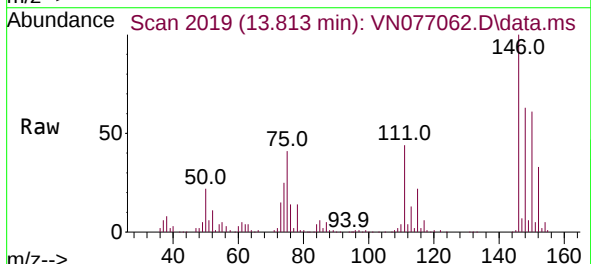
Tgt Ion:146 Resp: 217798
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.9 65.5
 148 63.7 32.1 96.5

Manual Integrations
 APPROVED

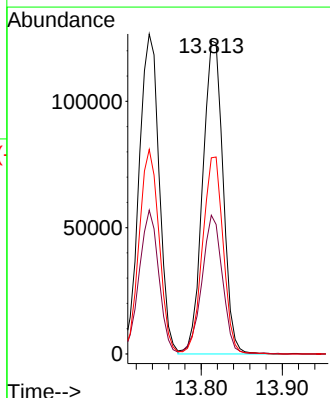
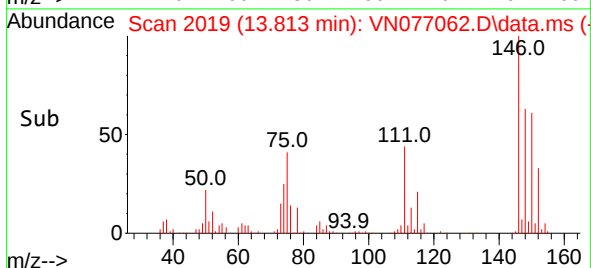
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

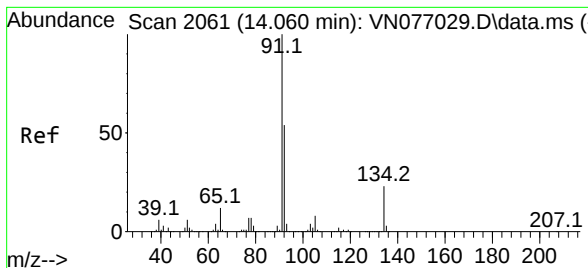


#88
 1,4-Dichlorobenzene
 Concen: 20.325 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077062.D
 Acq: 20 Mar 2023 12:28



Tgt Ion:146 Resp: 216005
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.5 64.5
 148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 22.242 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

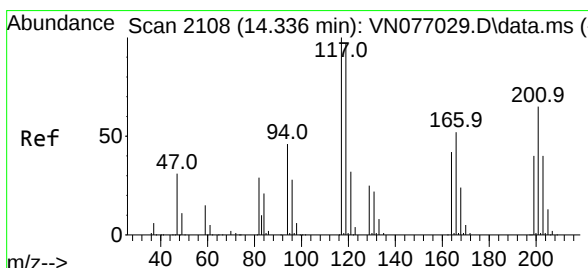
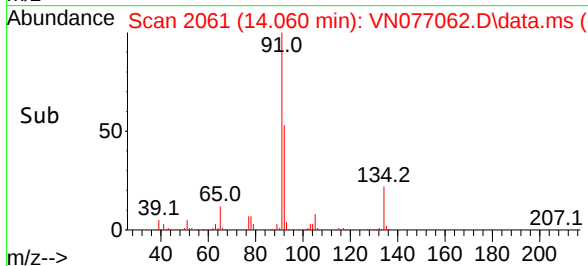
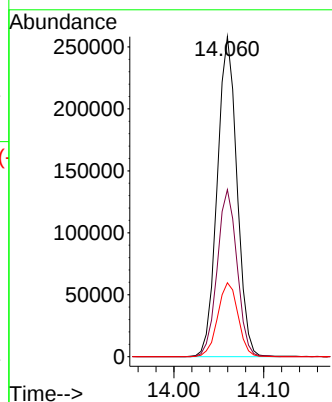
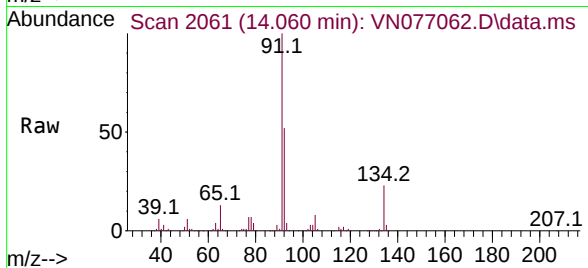
Tgt Ion:	91	Resp:	394208
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.5
134	23.8	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#90

Hexachloroethane

Concen: 20.000 ug/l

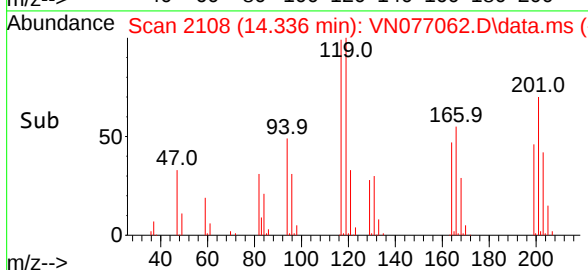
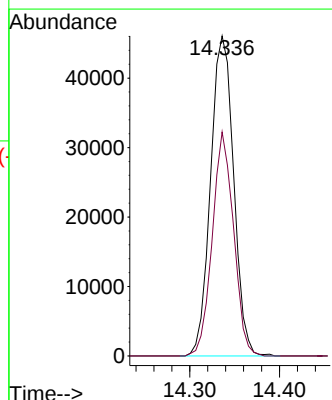
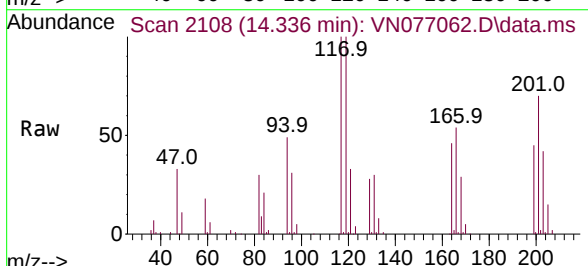
RT: 14.336 min Scan# 2108

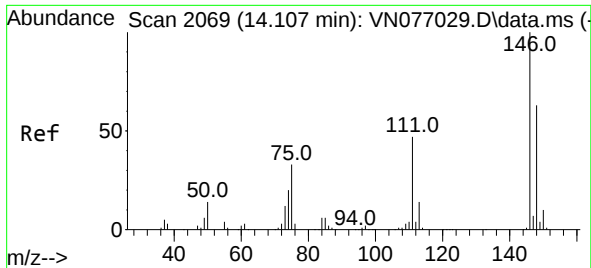
Delta R.T. 0.000 min

Lab File: VN077062.D

Acq: 20 Mar 2023 12:28

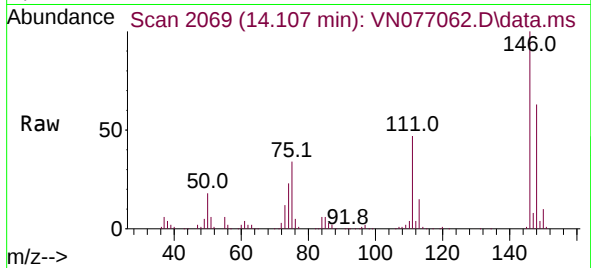
Tgt Ion:	117	Resp:	82150
Ion	Ratio	Lower	Upper
117	100		
201	64.6	32.5	97.4





#91
1,2-Dichlorobenzene
Concen: 20.538 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

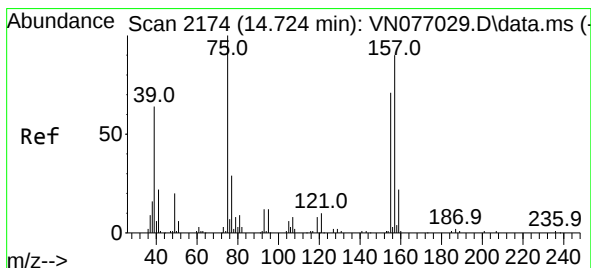
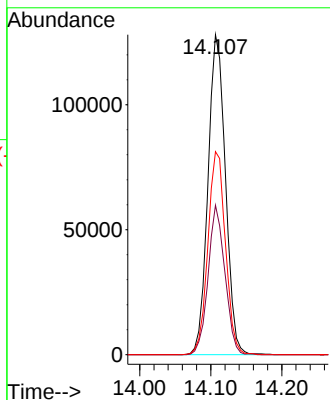
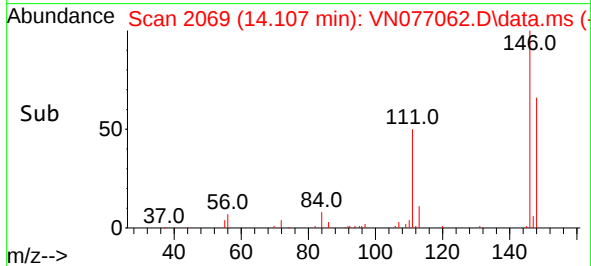
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



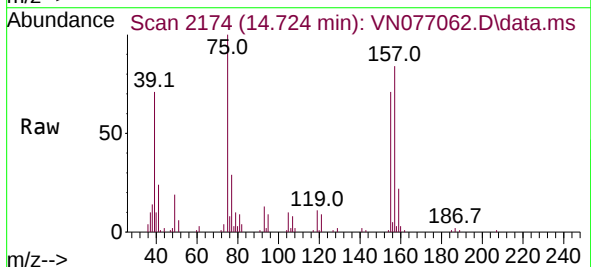
Tgt Ion:146 Resp: 21869
Ion Ratio Lower Upper
146 100
111 44.9 22.6 67.7
148 63.8 31.6 95.0

Manual Integrations
APPROVED

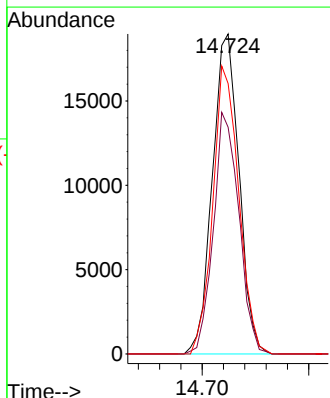
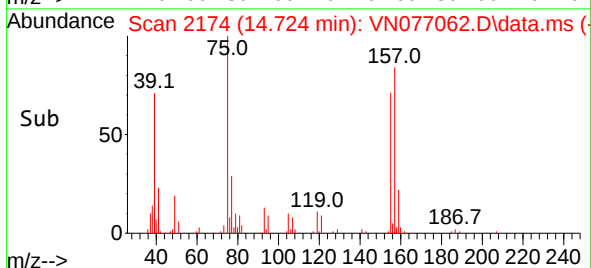
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

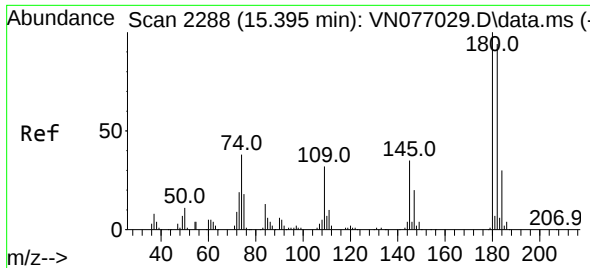


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.445 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



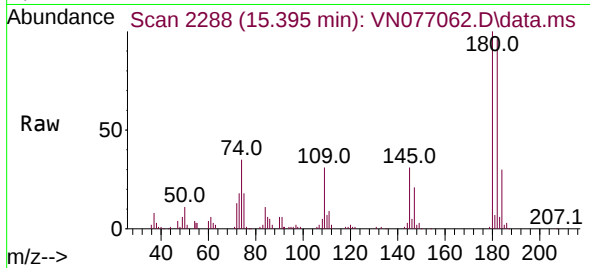
Tgt Ion: 75 Resp: 32933
Ion Ratio Lower Upper
75 100
155 72.2 36.1 108.3
157 87.7 45.8 137.3





#93
1,2,4-Trichlorobenzene
Concen: 21.557 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

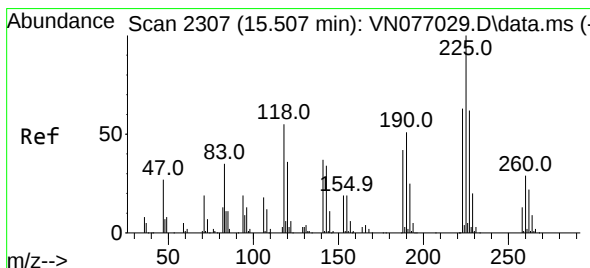
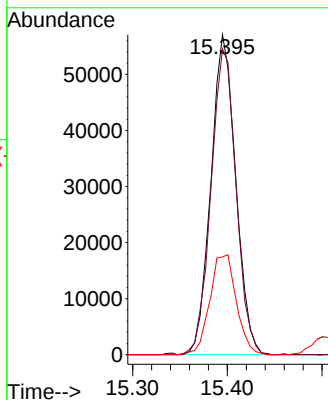
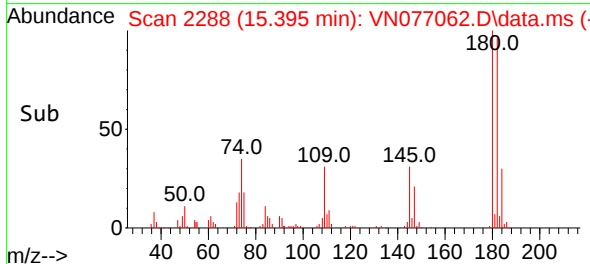
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



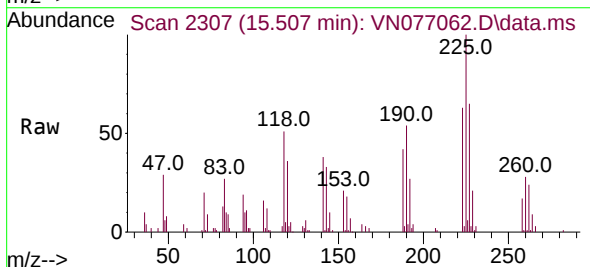
Tgt Ion:180 Resp: 103760
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.9
145 33.4 16.9 50.7

Manual Integrations
APPROVED

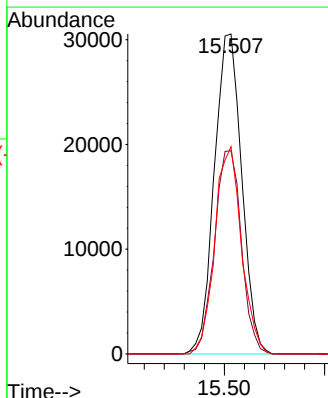
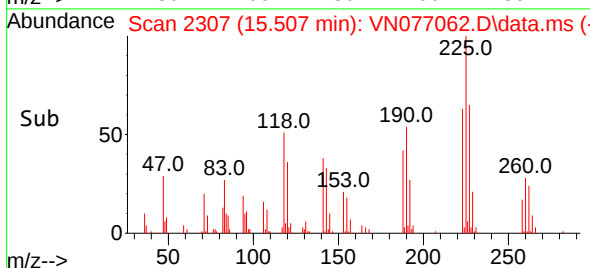
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

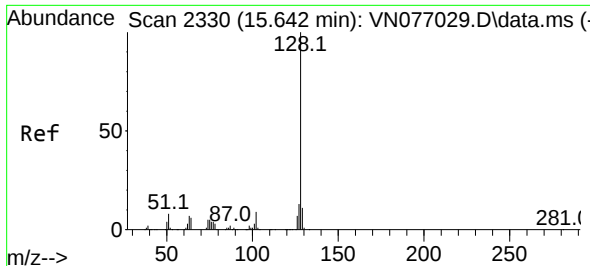


#94
Hexachlorobutadiene
Concen: 21.797 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



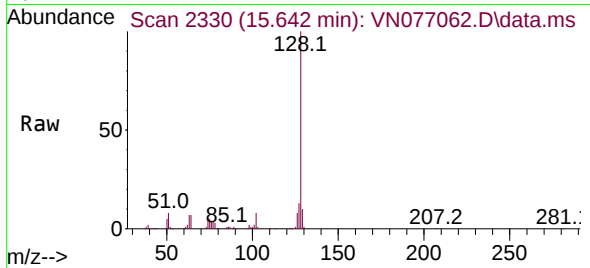
Tgt Ion:225 Resp: 57779
Ion Ratio Lower Upper
225 100
223 62.5 31.6 95.0
227 62.9 31.3 93.8





#95
Naphthalene
Concen: 19.098 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28

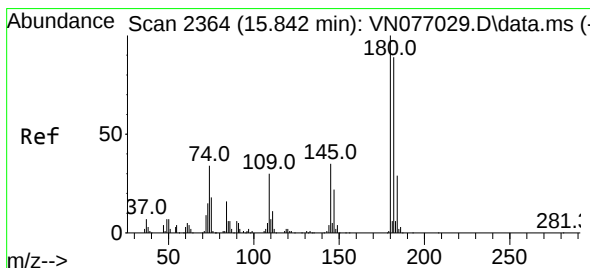
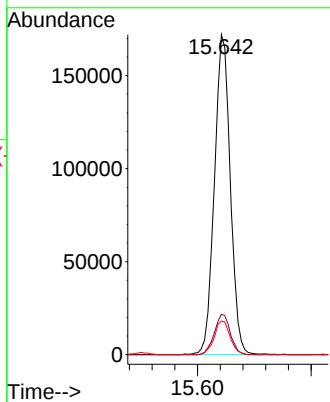
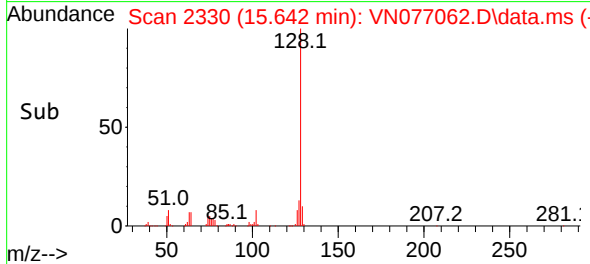
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01



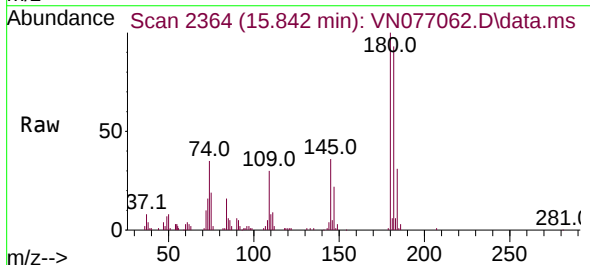
Tgt Ion:128 Resp: 334240
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.355 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077062.D
Acq: 20 Mar 2023 12:28



Tgt Ion:180 Resp: 103138
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 35.5 17.9 53.8

