

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077488.D
 Acq On : 27 Apr 2023 11:11
 Operator : JC\MD
 Sample : VN0427WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

Quant Time: Apr 28 03:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	619734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1141954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1024128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	420532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	439809	54.386	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.780%			
35) Dibromofluoromethane	8.172	113	371866	54.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.360%			
50) Toluene-d8	10.572	98	1429019	54.324	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.640%			
62) 4-Bromofluorobenzene	12.848	95	477117	55.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	141070	18.031	ug/l	99
3) Chloromethane	2.372	50	107803	17.353	ug/l	97
4) Vinyl Chloride	2.525	62	144888	17.508	ug/l	97
5) Bromomethane	2.960	94	130149	18.155	ug/l	96
6) Chloroethane	3.131	64	105716	16.814	ug/l	100
7) Trichlorofluoromethane	3.507	101	221234	18.188	ug/l	97
8) Diethyl Ether	3.972	74	84545	19.128	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	131614	18.605	ug/l	96
10) Methyl Iodide	4.601	142	148205	17.053	ug/l	91
11) Tert butyl alcohol	5.537	59	119379	91.956	ug/l	96
12) 1,1-Dichloroethene	4.354	96	119825	17.326	ug/l	96
13) Acrolein	4.190	56	116153	89.940	ug/l	97
14) Allyl chloride	5.031	41	130180	16.930	ug/l	89
15) Acrylonitrile	5.731	53	275906	93.684	ug/l	99
16) Acetone	4.437	43	228582	88.848	ug/l	98
17) Carbon Disulfide	4.719	76	287310	16.349	ug/l	98
18) Methyl Acetate	5.037	43	187648	18.887	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	444030	19.305	ug/l	100
20) Methylene Chloride	5.290	84	149722	18.351	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	135553	18.126	ug/l	95
22) Diisopropyl ether	6.684	45	330730	18.741	ug/l	93
23) Vinyl Acetate	6.613	43	1057112	95.918	ug/l	99
24) 1,1-Dichloroethane	6.578	63	231154	18.505	ug/l	98
25) 2-Butanone	7.489	43	331334	90.801	ug/l	98
26) 2,2-Dichloropropane	7.495	77	223889	18.484	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	164380	18.559	ug/l	99
28) Bromochloromethane	7.813	49	107968	22.633	ug/l	97
29) Tetrahydrofuran	7.842	42	215631	94.314	ug/l	97
30) Chloroform	7.972	83	273307	19.414	ug/l	92
31) Cyclohexane	8.266	56	198127	17.295	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	243945	18.848	ug/l	97
36) 1,1-Dichloropropene	8.378	75	184425	18.599	ug/l	97
37) Ethyl Acetate	7.566	43	139909	18.568	ug/l #	79
38) Carbon Tetrachloride	8.366	117	203830	18.631	ug/l	100
39) Methylcyclohexane	9.601	83	244281	18.698	ug/l	98
40) Benzene	8.613	78	574595	19.021	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	71858	18.310	ug/l	95
42) 1,2-Dichloroethane	8.672	62	204266	19.688	ug/l	98
43) Isopropyl Acetate	8.695	43	247580	18.993	ug/l	98
44) Trichloroethene	9.354	130	148633	19.217	ug/l	100
45) 1,2-Dichloropropane	9.624	63	138370	19.555	ug/l	97
46) Dibromomethane	9.707	93	108177	18.841	ug/l	96
47) Bromodichloromethane	9.889	83	220073	19.815	ug/l	99
48) Methyl methacrylate	9.683	41	111365	18.768	ug/l	98
49) 1,4-Dioxane	9.695	88	55556	373.269	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	722986	94.558	ug/l	99
52) Toluene	10.630	92	390666	19.741	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	224307	19.946	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	243156	19.864	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	158341	19.898	ug/l	96
56) Ethyl methacrylate	10.877	69	221340	19.850	ug/l	94
57) 1,3-Dichloropropane	11.166	76	256688	20.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	385037	102.089	ug/l	98
59) 2-Hexanone	11.195	43	523220	94.142	ug/l	98
60) Dibromochloromethane	11.360	129	164965	19.974	ug/l	100
61) 1,2-Dibromoethane	11.471	107	155627	19.155	ug/l	99
64) Tetrachloroethene	11.107	164	114457	18.670	ug/l	97
65) Chlorobenzene	11.895	112	410110	18.924	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	149147	18.916	ug/l	98
67) Ethyl Benzene	11.966	91	743237	19.482	ug/l	99
68) m/p-Xylenes	12.077	106	573145	38.655	ug/l	99
69) o-Xylene	12.401	106	281631	19.311	ug/l	98
70) Styrene	12.413	104	443927	19.464	ug/l	98
71) Bromoform	12.583	173	99415	19.272	ug/l #	98
73) Isopropylbenzene	12.701	105	728489	18.668	ug/l	100
74) N-amyl acetate	12.495	43	198299	17.164	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	217470	17.736	ug/l	95
76) 1,2,3-Trichloropropane	12.995	75	187626m	19.187	ug/l	
77) Bromobenzene	12.983	156	157198	18.483	ug/l	97
78) n-propylbenzene	13.042	91	793771	18.396	ug/l	99
79) 2-Chlorotoluene	13.130	91	497263	18.692	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	562029	19.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	59469	17.181	ug/l #	85
82) 4-Chlorotoluene	13.224	91	465110	18.710	ug/l	98
83) tert-Butylbenzene	13.442	119	513174	18.234	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	525230	19.406	ug/l	99
85) sec-Butylbenzene	13.618	105	725156	18.772	ug/l	98
86) p-Isopropyltoluene	13.730	119	569683	19.167	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	275645	18.224	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	271157	18.157	ug/l	97
89) n-Butylbenzene	14.060	91	428475	18.628	ug/l	100
90) Hexachloroethane	14.336	117	110813	16.876	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	283185	18.877	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	37189	16.402	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	62252	17.717	ug/l	97
94) Hexachlorobutadiene	15.465	225	54088	17.842	ug/l	97
95) Naphthalene	15.589	128	234075	18.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	60094	18.116	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

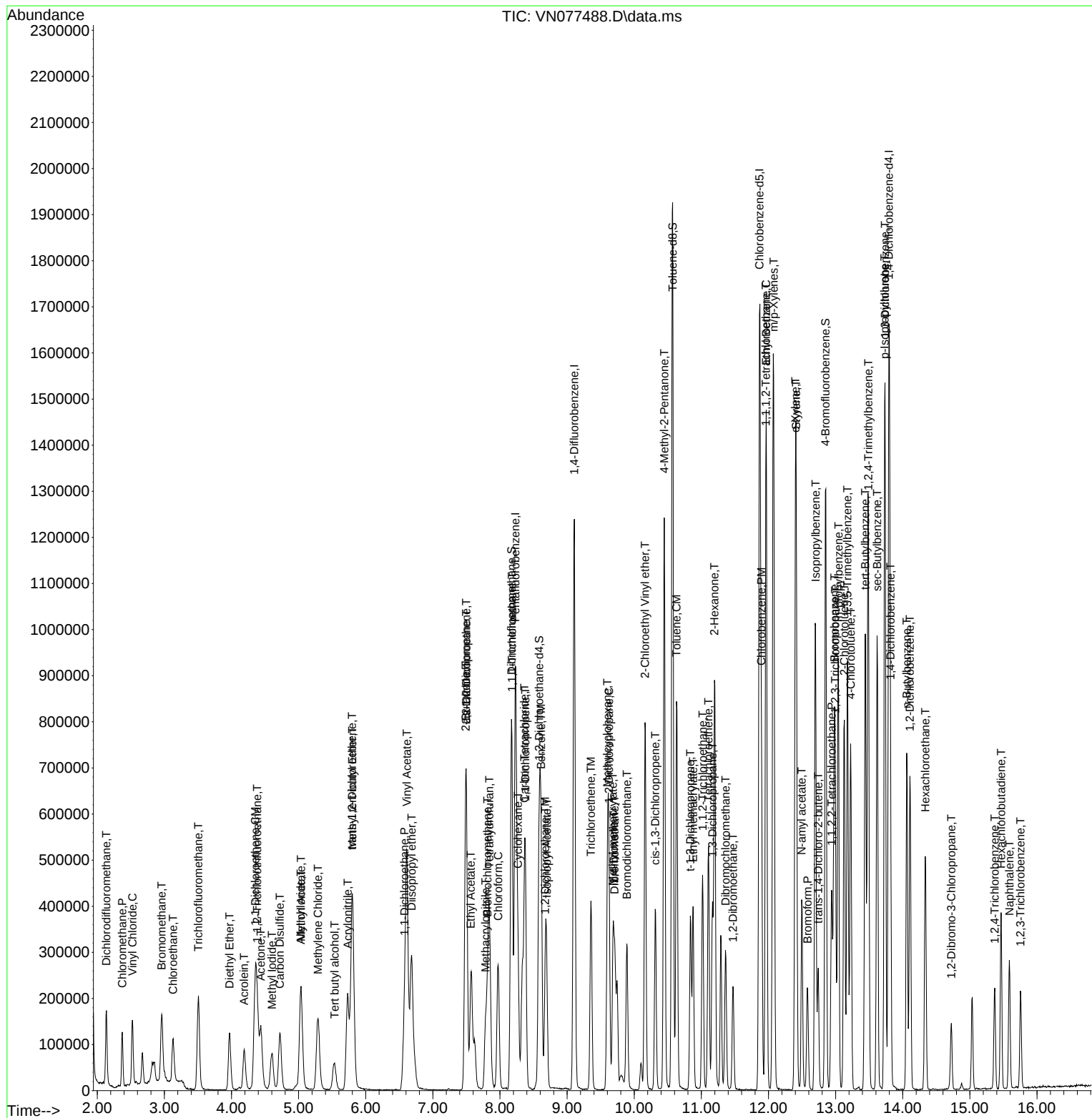
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
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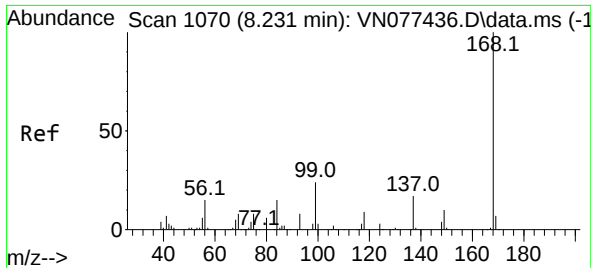
Instrument :
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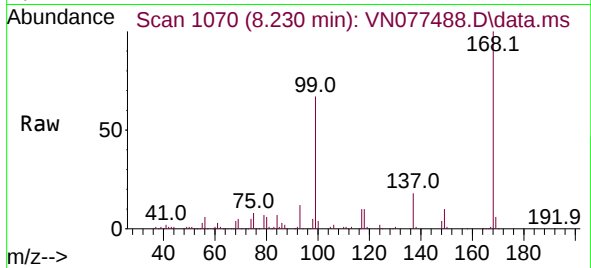
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077488.D
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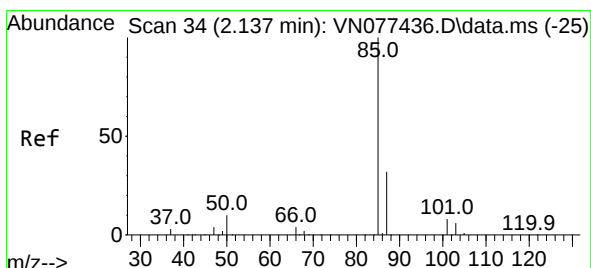
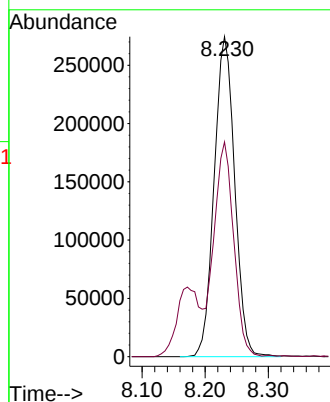
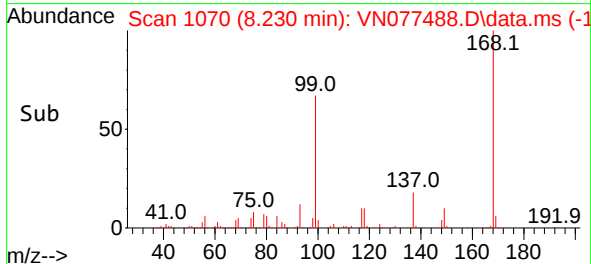
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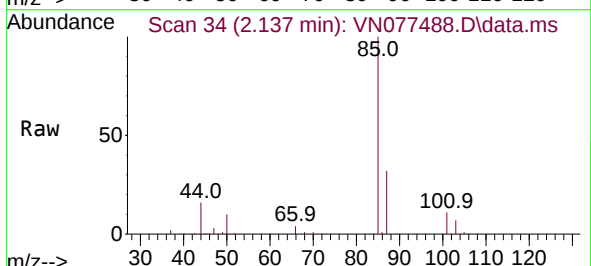
Tgt Ion:168 Resp: 619734
Ion Ratio Lower Upper
168 100
99 66.8 53.0 79.6

Manual Integrations
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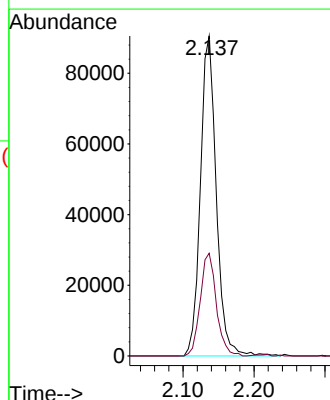
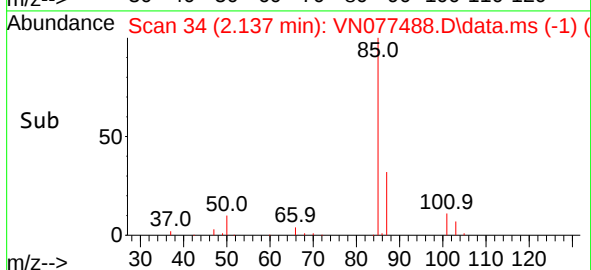
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

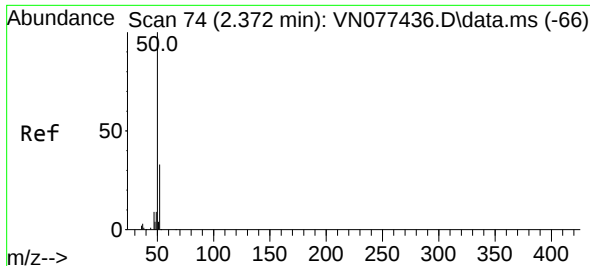


#2
Dichlorodifluoromethane
Concen: 18.031 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



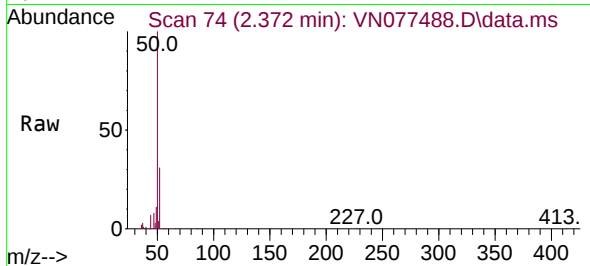
Tgt Ion: 85 Resp: 141070
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 17.353 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

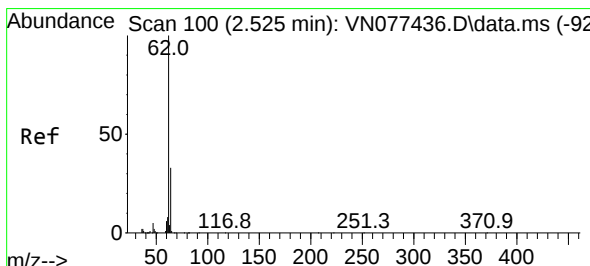
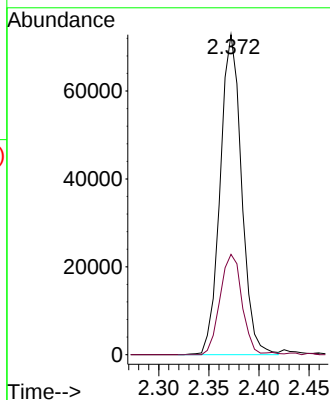
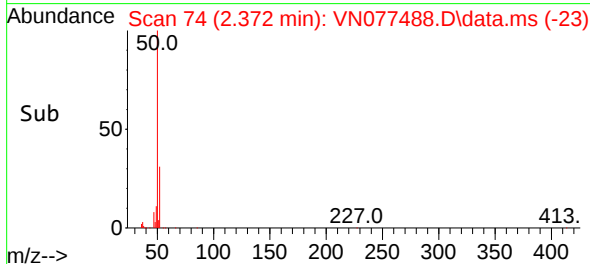
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 10780
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

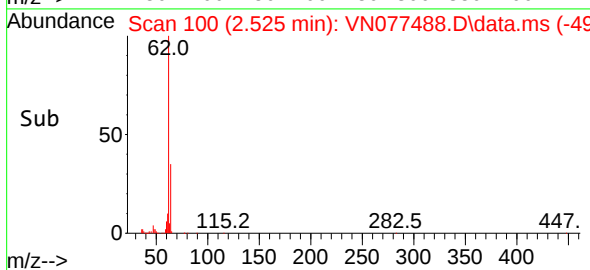
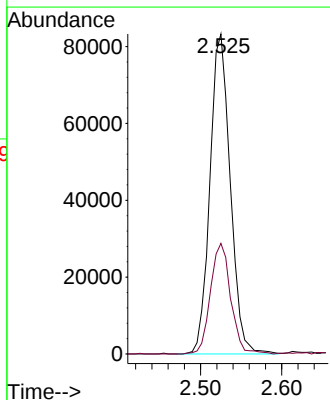
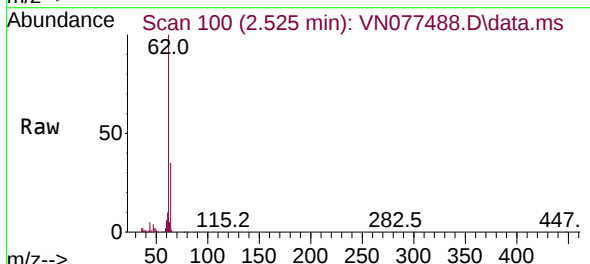
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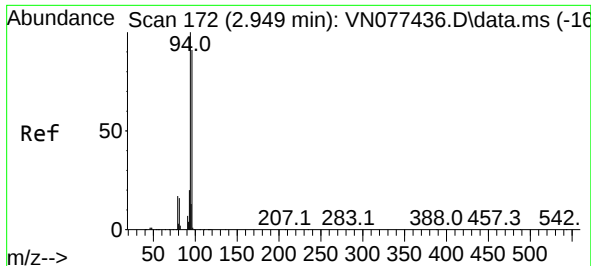
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#4
Vinyl Chloride
Concen: 17.508 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

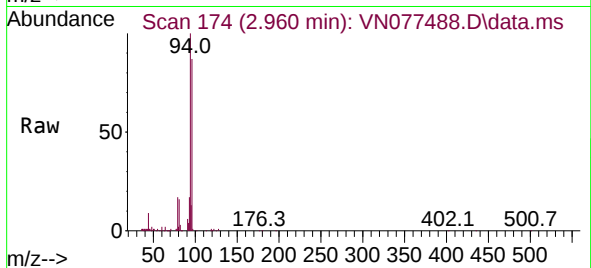
Tgt Ion: 62 Resp: 144888
Ion Ratio Lower Upper
62 100
64 34.5 26.2 39.2





#5
Bromomethane
Concen: 18.155 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

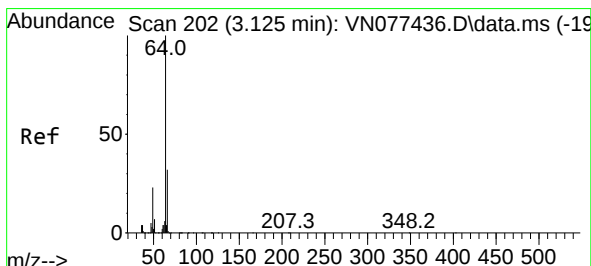
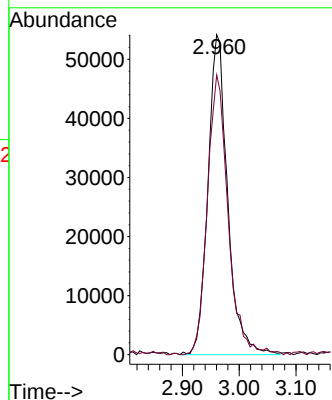
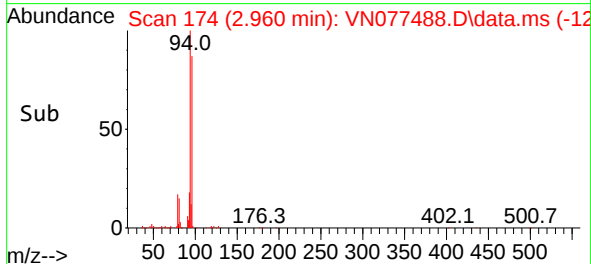
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Tgt Ion: 94 Resp: 130149
Ion Ratio Lower Upper
94 100
96 87.4 73.1 109.7

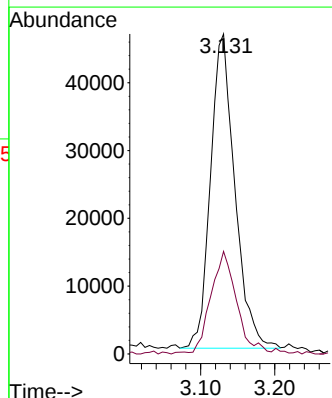
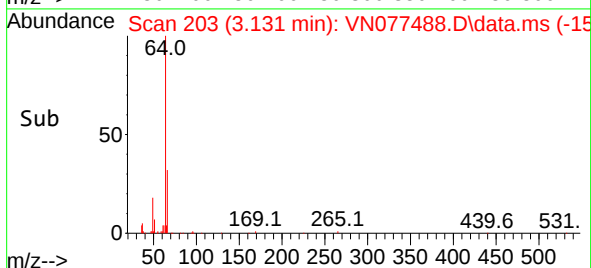
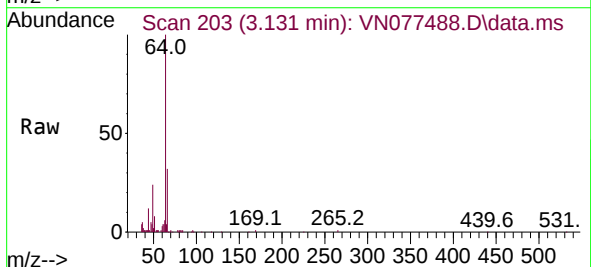
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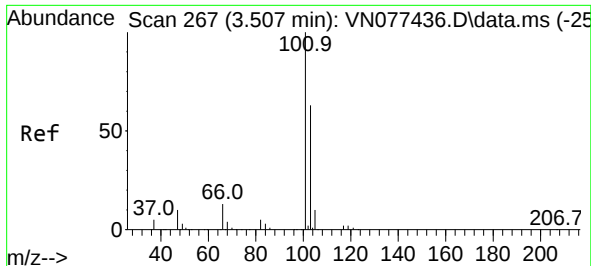
Reviewed By :John Carlone 04/28/2023
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#6
Chloroethane
Concen: 16.814 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

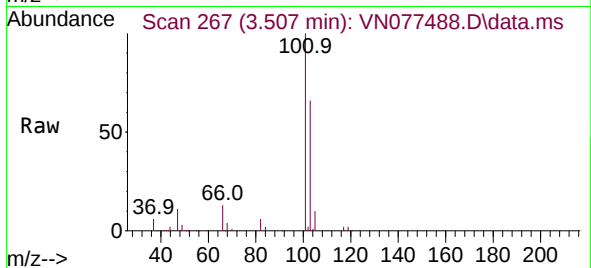
Tgt Ion: 64 Resp: 105716
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 18.188 ug/l
 RT: 3.507 min Scan# 207
 Delta R.T. -0.000 min
 Lab File: VN077488.D
 Acq: 27 Apr 2023 11:11

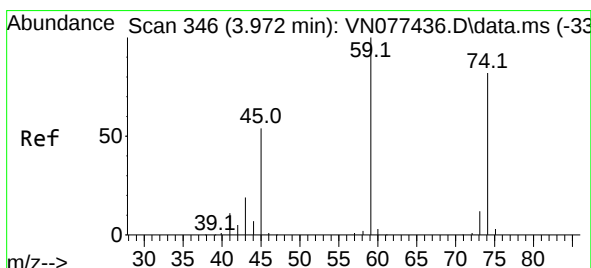
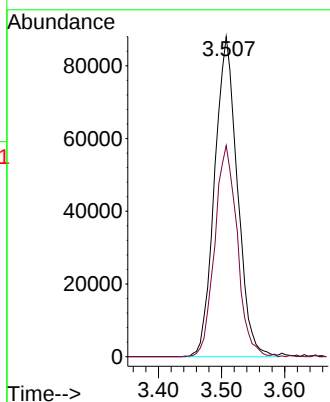
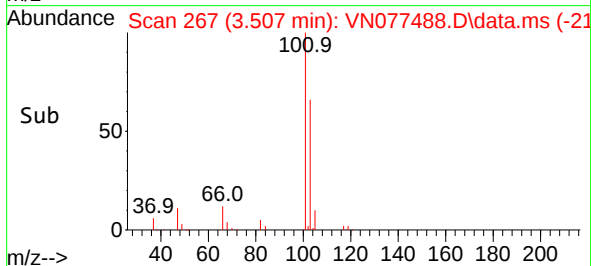
Instrument :
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Tgt Ion: 101 Resp: 221234
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.7 76.1

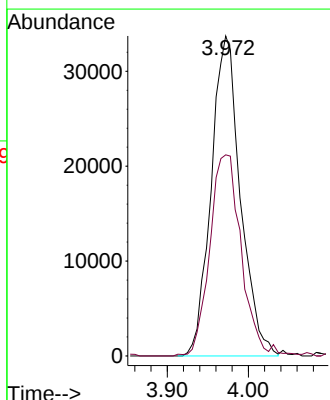
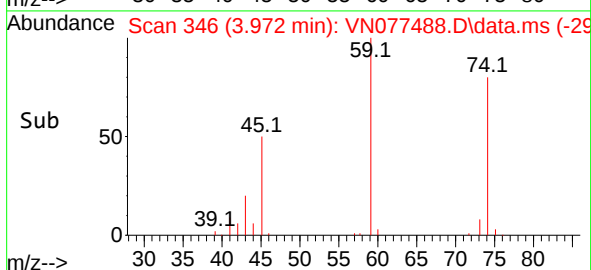
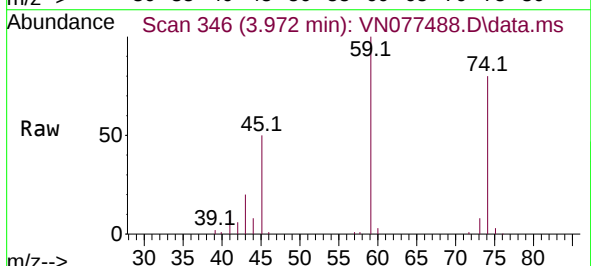
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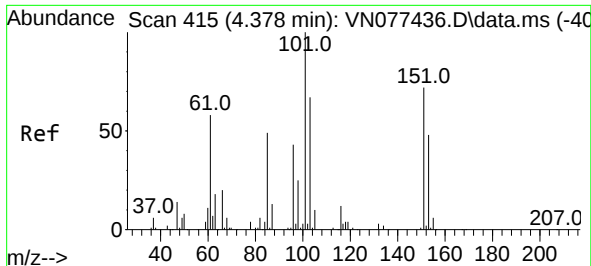
Reviewed By : John Carlone 04/28/2023
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#8
 Diethyl Ether
 Concen: 19.128 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077488.D
 Acq: 27 Apr 2023 11:11

Tgt Ion: 74 Resp: 84545
 Ion Ratio Lower Upper
 74 100
 45 66.5 34.4 103.3





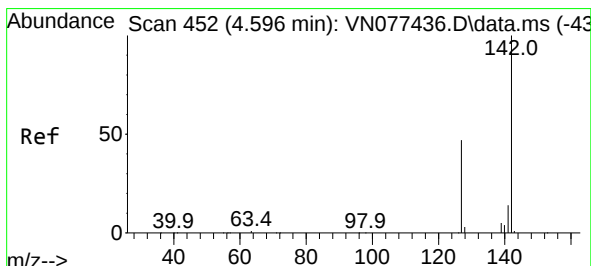
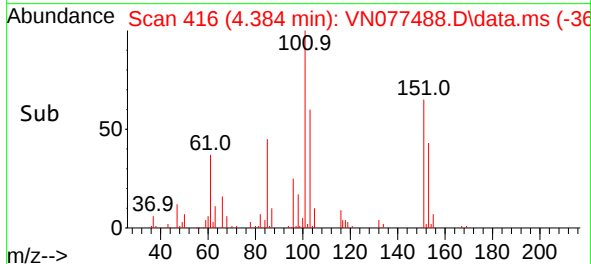
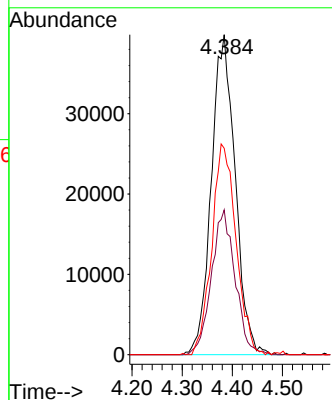
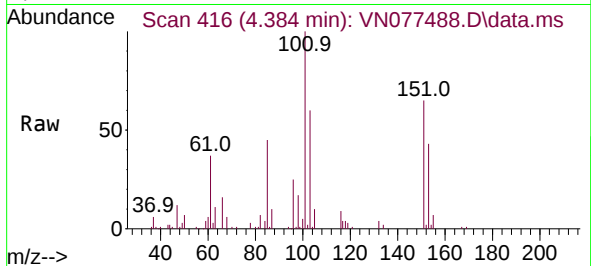
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.605 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01

Tgt Ion:101 Resp: 131614
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 66.9 57.6 86.4

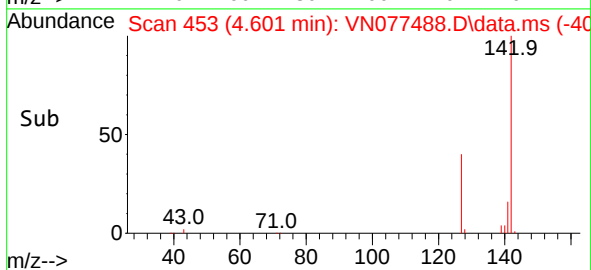
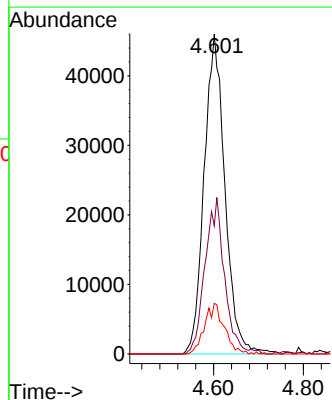
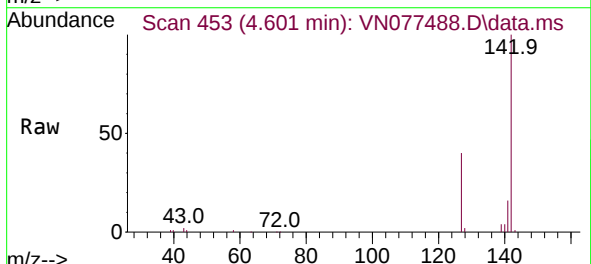
Manual Integrations
APPROVED

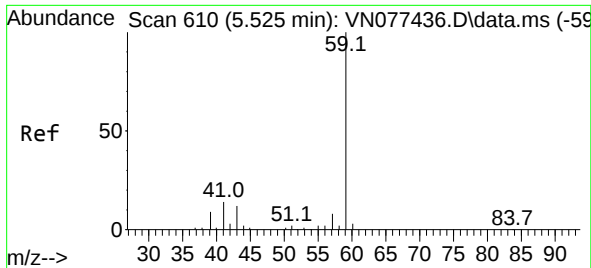
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#10
Methyl Iodide
Concen: 17.053 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

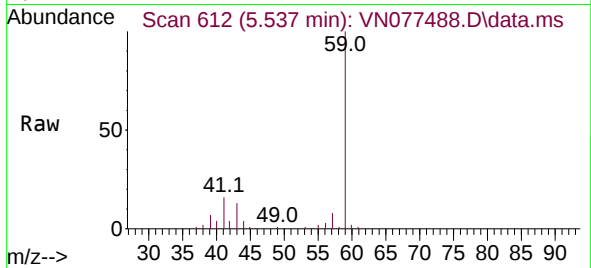
Tgt Ion:142 Resp: 148205
Ion Ratio Lower Upper
142 100
127 40.1 37.6 56.4
141 15.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 91.956 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

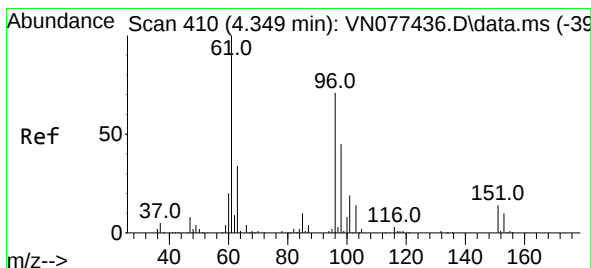
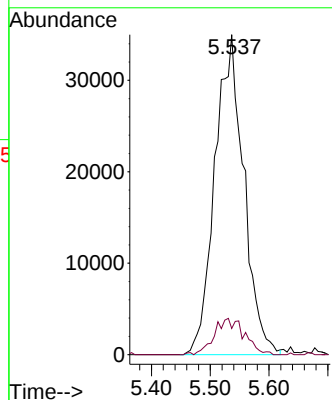
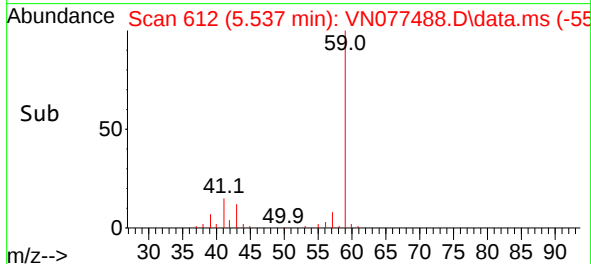
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



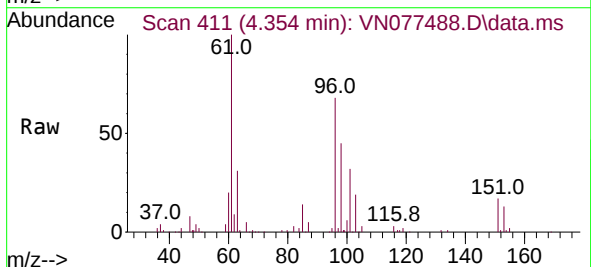
Tgt Ion: 59 Resp: 119379
Ion Ratio Lower Upper
59 100
57 11.9 8.2 12.4

Manual Integrations
APPROVED

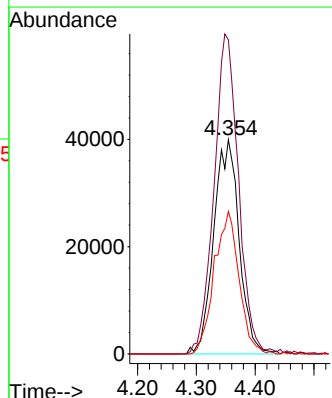
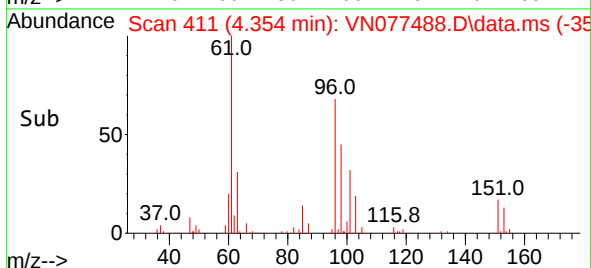
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

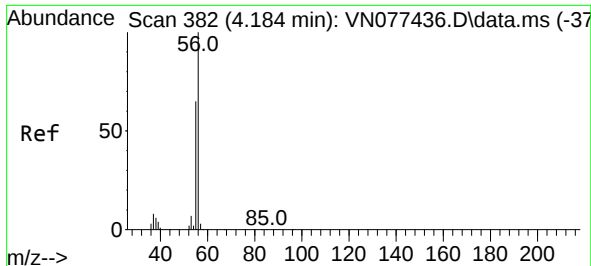


#12
1,1-Dichloroethene
Concen: 17.326 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



Tgt Ion: 96 Resp: 119825
Ion Ratio Lower Upper
96 100
61 146.7 112.7 169.1
98 66.6 51.2 76.8





#13

Acrolein

Concen: 89.940 ug/l

RT: 4.190 min Scan# 382

Delta R.T. 0.006 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01

Tgt Ion: 56 Resp: 11615

Ion Ratio Lower Upper

56 100

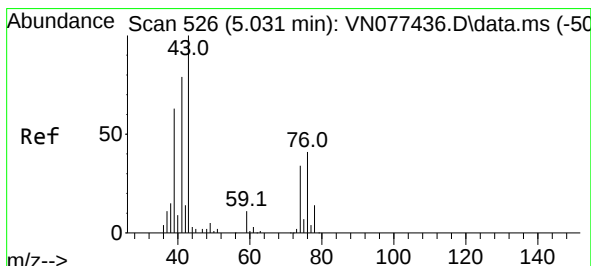
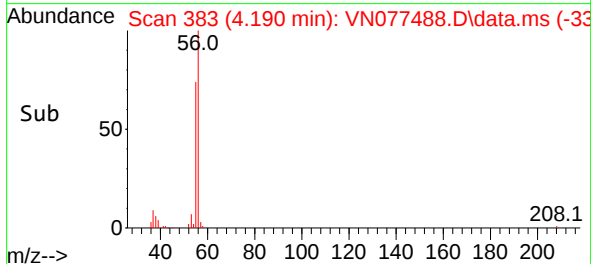
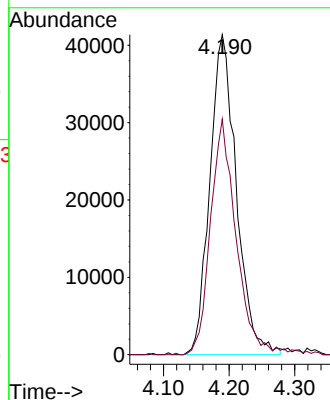
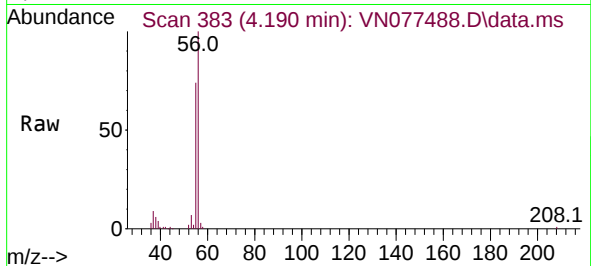
55 70.2 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#14

Allyl chloride

Concen: 16.930 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

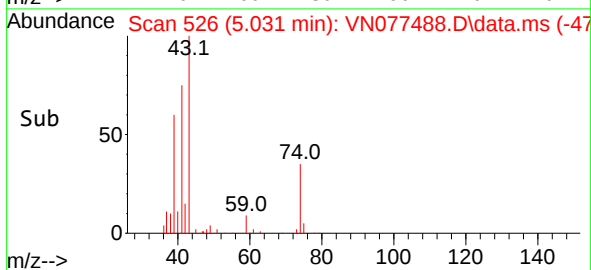
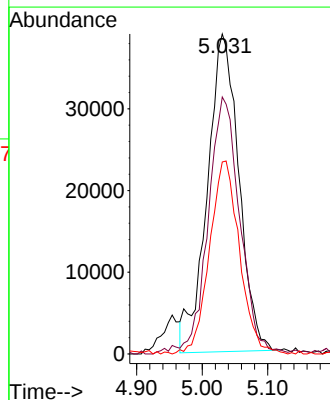
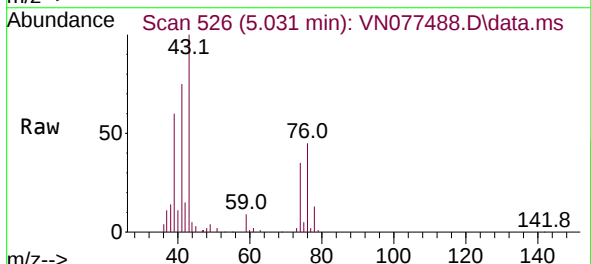
Tgt Ion: 41 Resp: 130180

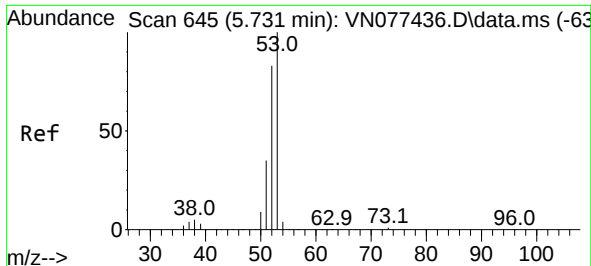
Ion Ratio Lower Upper

41 100

39 81.3 58.8 88.2

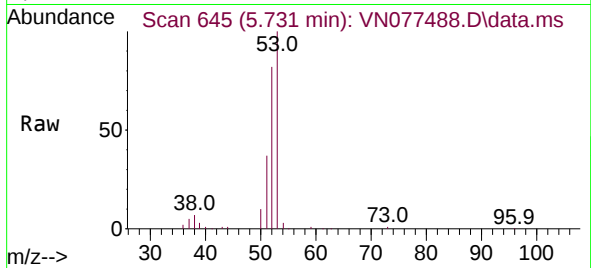
76 57.7 39.1 58.7





#15
Acrylonitrile
Concen: 93.684 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

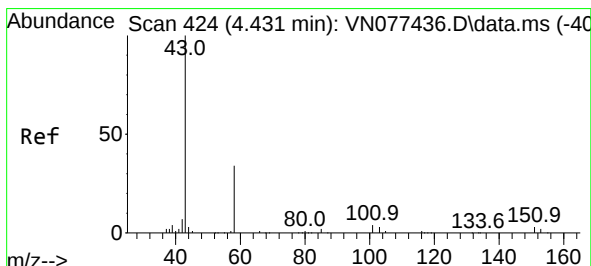
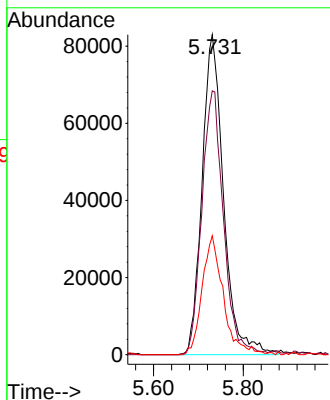
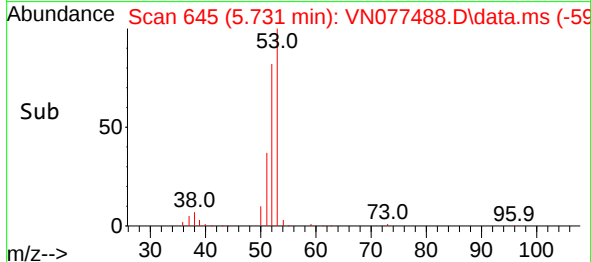
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



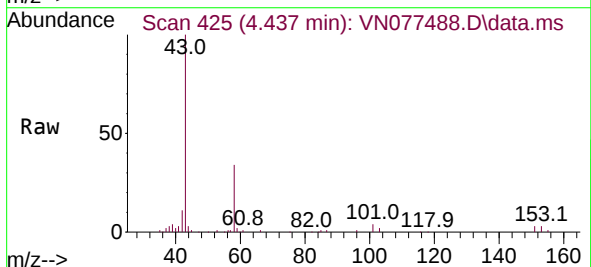
Tgt Ion: 53 Resp: 275900
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 36.6 28.9 43.3

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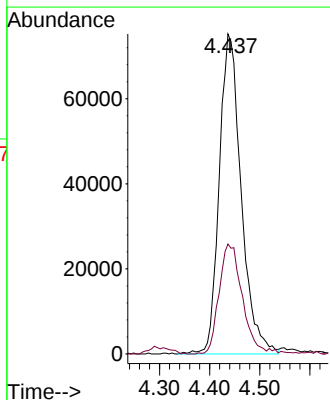
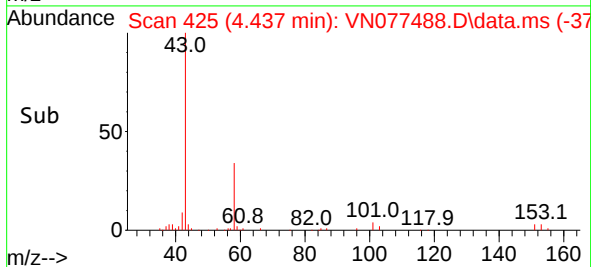
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

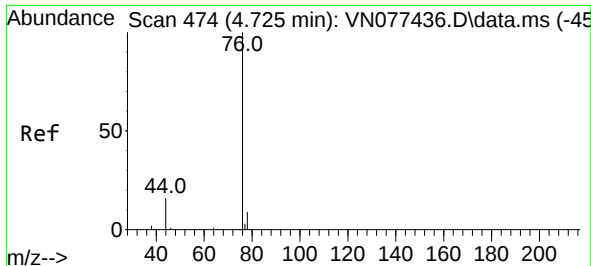


#16
Acetone
Concen: 88.848 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



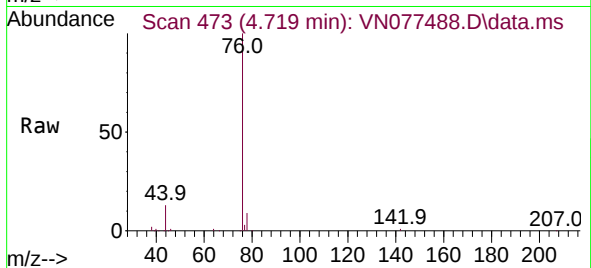
Tgt Ion: 43 Resp: 228582
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0





#17
Carbon Disulfide
Concen: 16.349 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

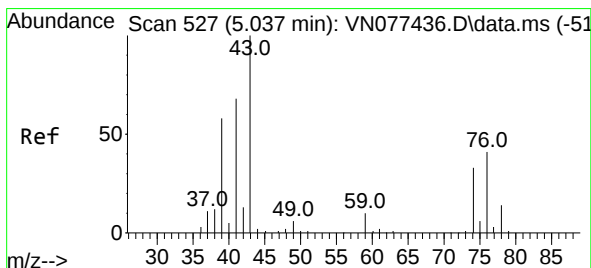
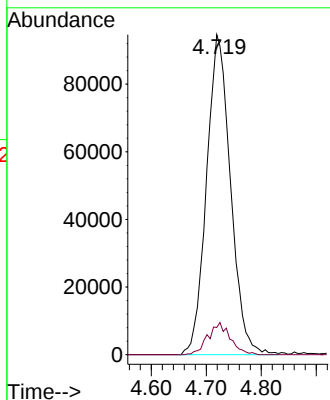
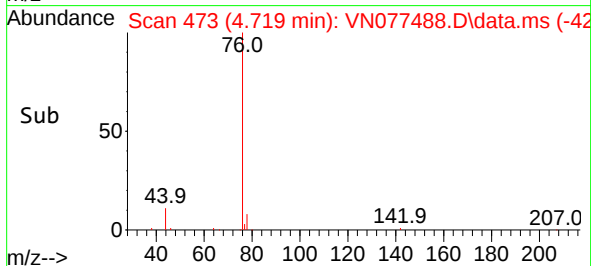
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 76 Resp: 287310
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

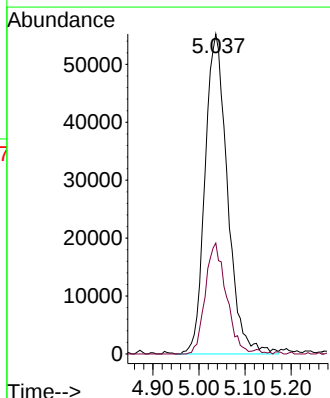
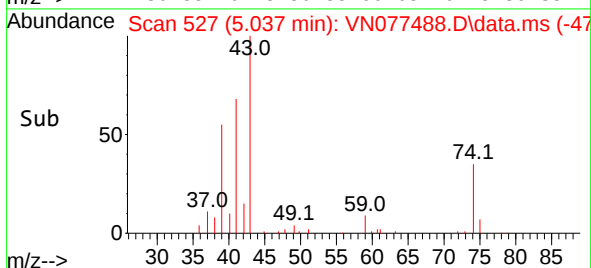
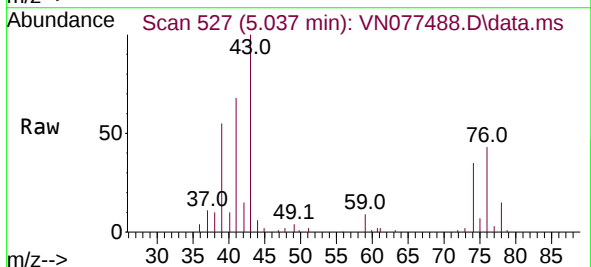
Manual Integrations
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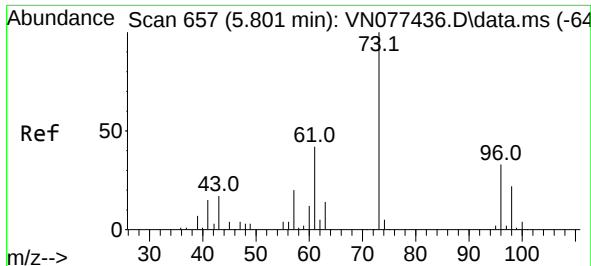
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
Methyl Acetate
Concen: 18.887 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion: 43 Resp: 187648
Ion Ratio Lower Upper
43 100
74 32.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 19.305 ug/l

RT: 5.801 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01

Tgt Ion: 73 Resp: 444030

Ion Ratio Lower Upper

73 100

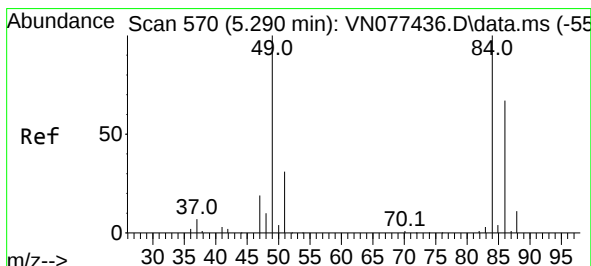
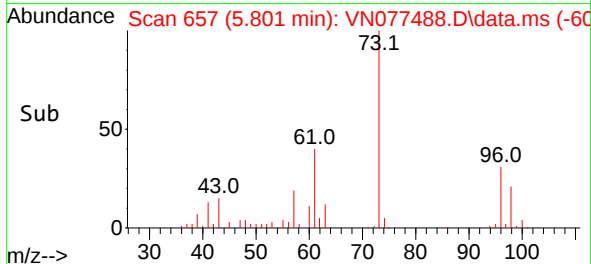
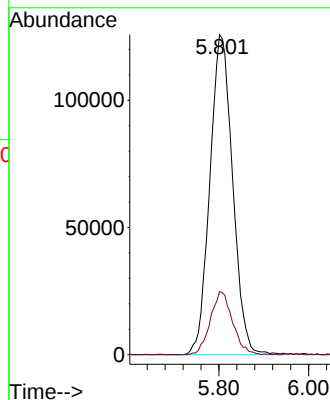
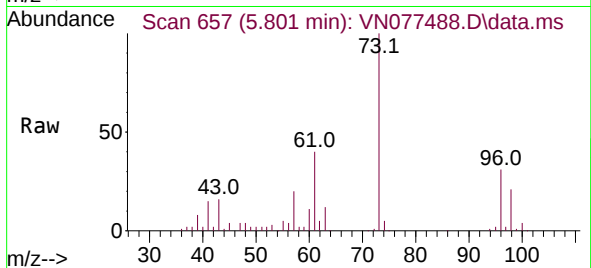
57 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#20

Methylene Chloride

Concen: 18.351 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Tgt Ion: 84 Resp: 149722

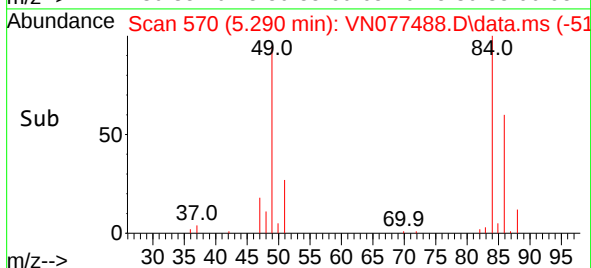
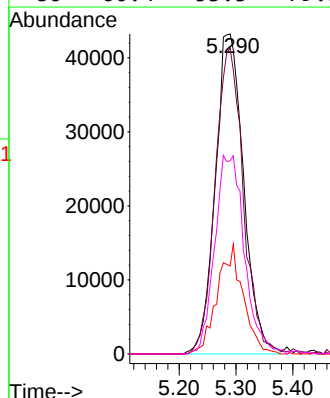
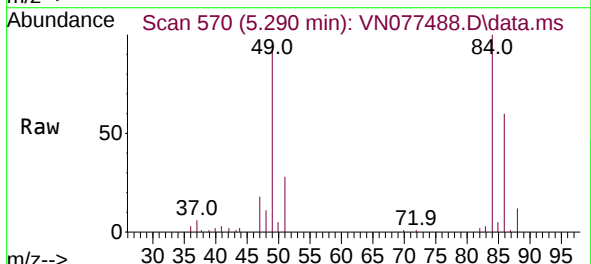
Ion Ratio Lower Upper

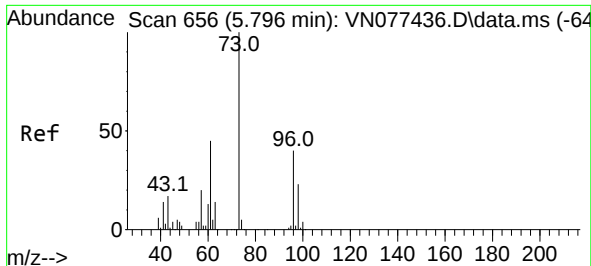
84 100

49 95.5 79.7 119.5

51 27.5 25.2 37.8

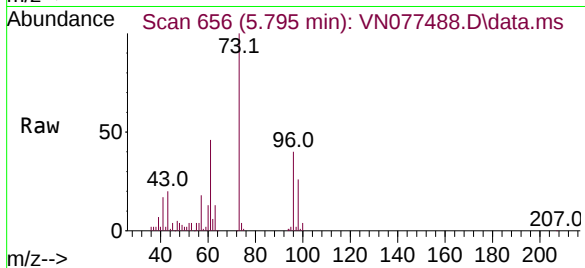
86 60.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.126 ug/l
RT: 5.795 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

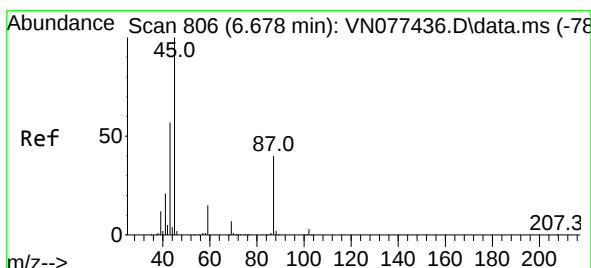
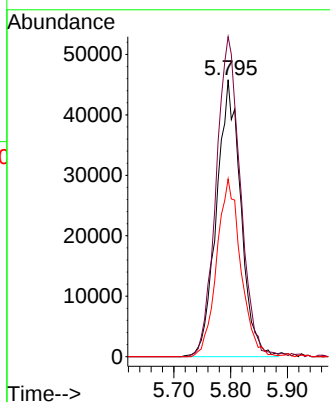
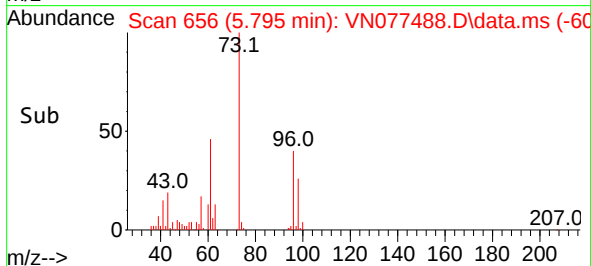
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



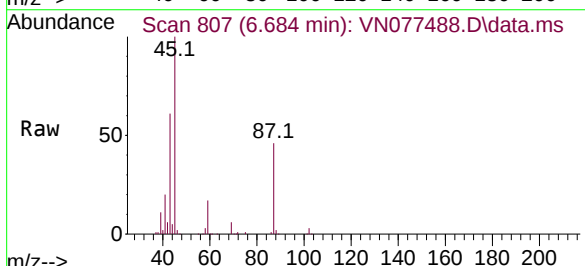
Tgt Ion: 96 Resp: 13555
Ion Ratio Lower Upper
96 100
61 115.5 90.1 135.1
98 64.2 46.4 69.6

Manual Integrations
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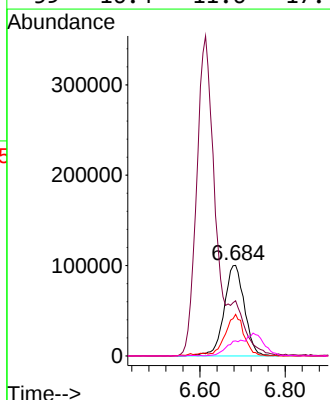
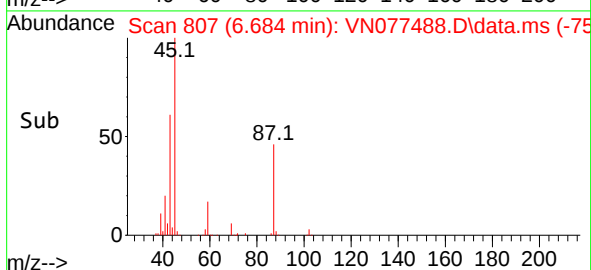
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

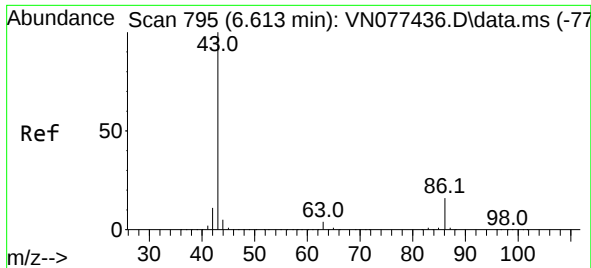


#22
Diisopropyl ether
Concen: 18.741 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



Tgt Ion: 45 Resp: 330730
Ion Ratio Lower Upper
45 100
43 60.6 45.5 68.3
87 45.9 31.8 47.8
59 16.4 11.6 17.4





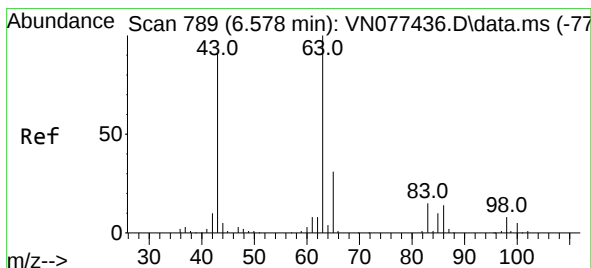
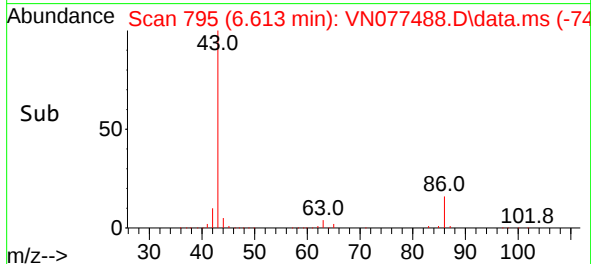
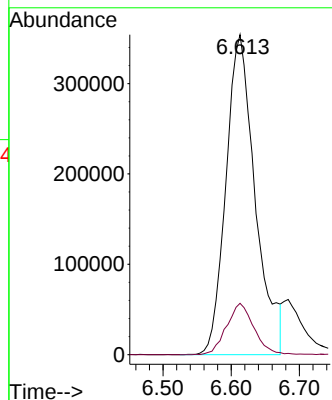
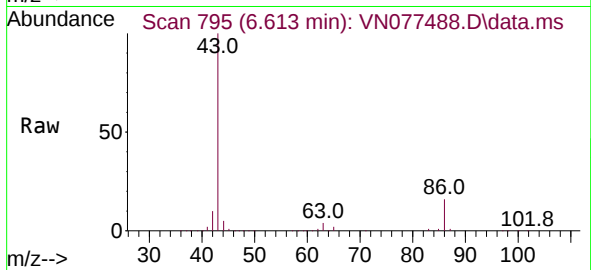
#23
 Vinyl Acetate
 Concen: 95.918 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077488.D
 Acq: 27 Apr 2023 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBSD01

Tgt Ion: 43 Resp: 105711
 Ion Ratio Lower Upper
 43 100
 86 16.0 13.0 19.6

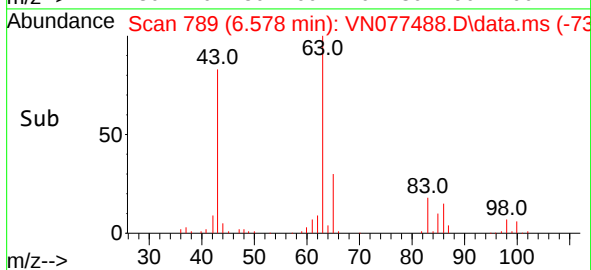
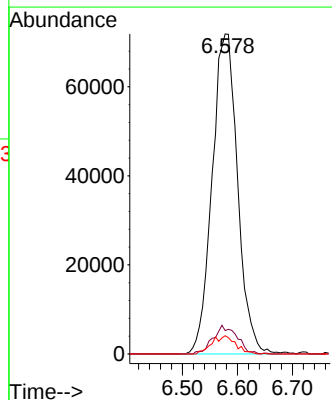
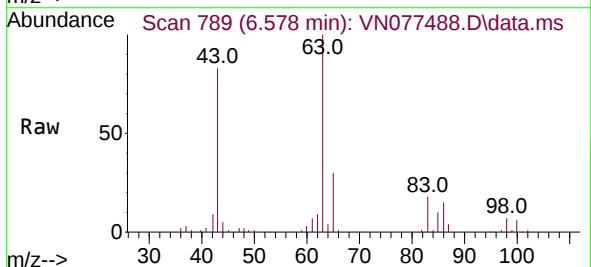
Manual Integrations
 APPROVED

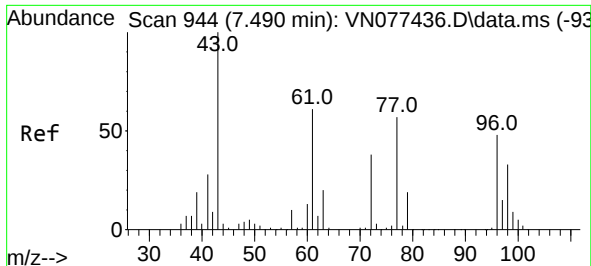
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#24
 1,1-Dichloroethane
 Concen: 18.505 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077488.D
 Acq: 27 Apr 2023 11:11

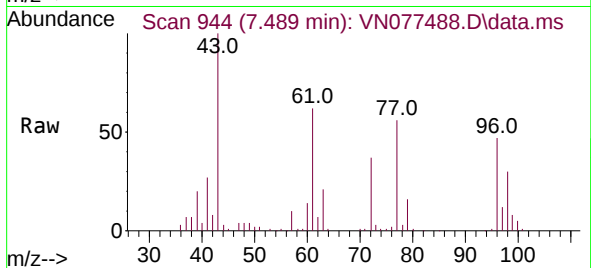
Tgt Ion: 63 Resp: 231154
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.7 2.5 7.4





#25
2-Butanone
Concen: 90.801 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

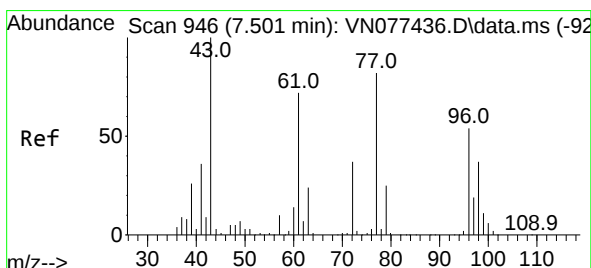
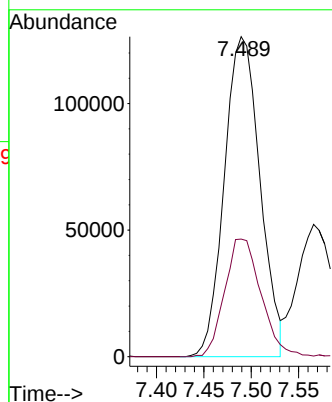
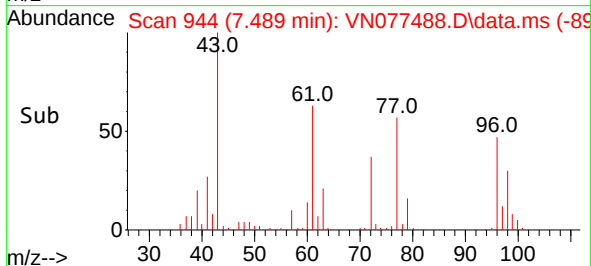
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



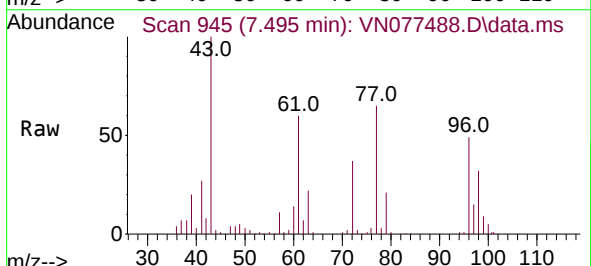
Tgt Ion: 43 Resp: 331334
Ion Ratio Lower Upper
43 100
72 36.8 30.2 45.2

Manual Integrations
APPROVED

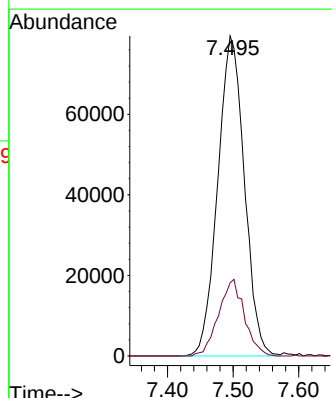
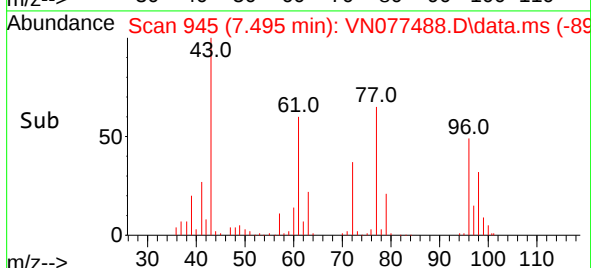
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

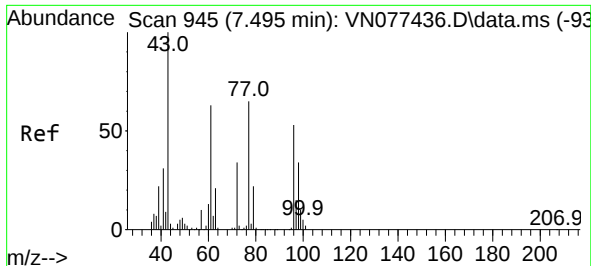


#26
2,2-Dichloropropane
Concen: 18.484 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



Tgt Ion: 77 Resp: 223889
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.559 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN077488.D

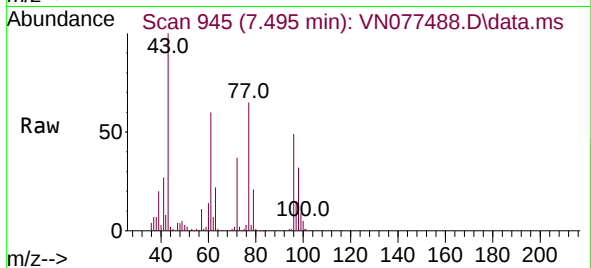
Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01



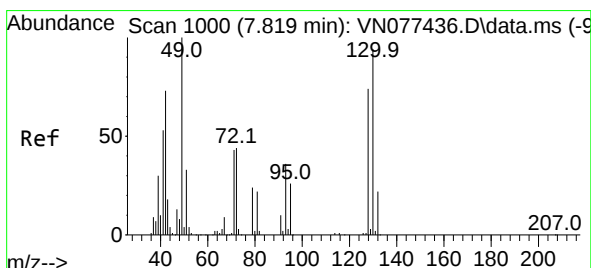
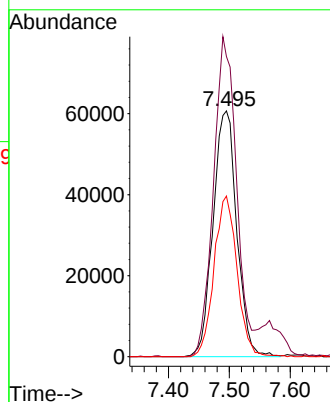
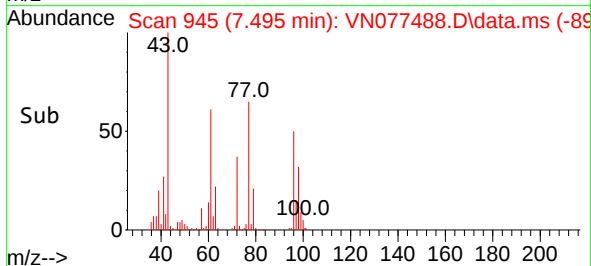
Tgt Ion:	96	Resp:	164380
Ion Ratio	100	Lower	Upper
96	100		
61	126.4	0.0	255.2
98	63.4	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

Bromochloromethane

Concen: 22.633 ug/l

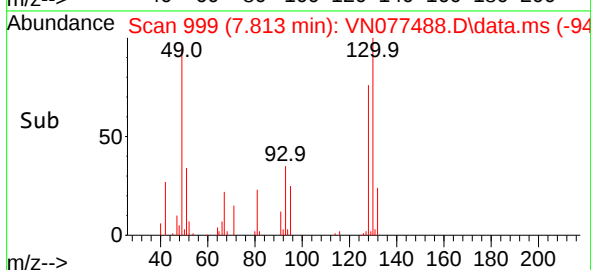
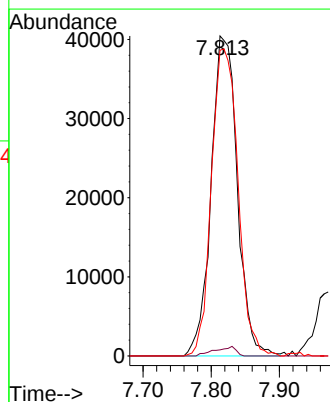
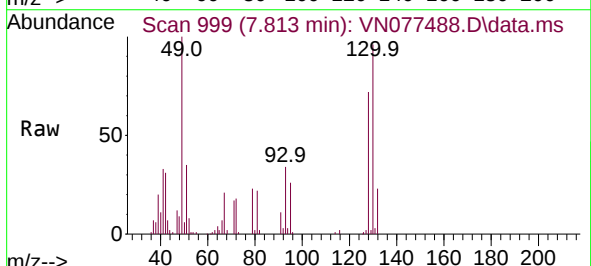
RT: 7.813 min Scan# 999

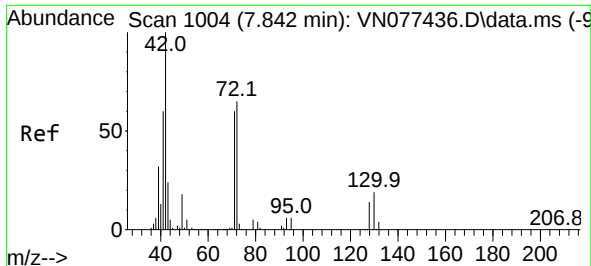
Delta R.T. -0.006 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Tgt Ion:	49	Resp:	107968
Ion Ratio	100	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	97.4	75.3	112.9





#29

Tetrahydrofuran

Concen: 94.314 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01

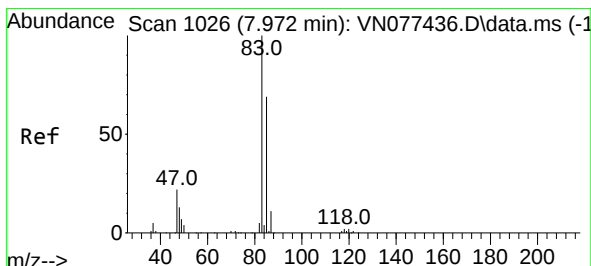
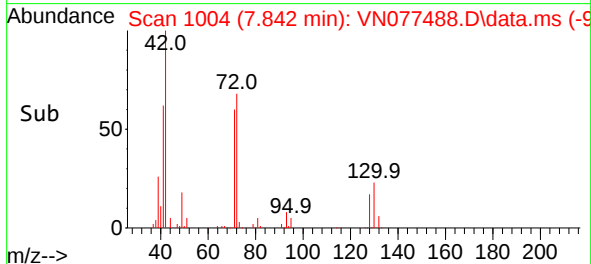
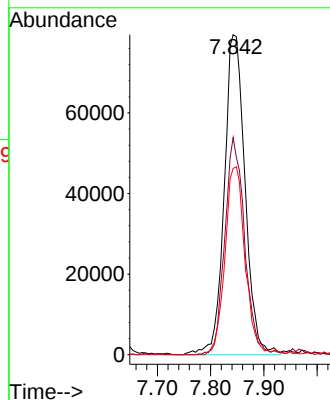
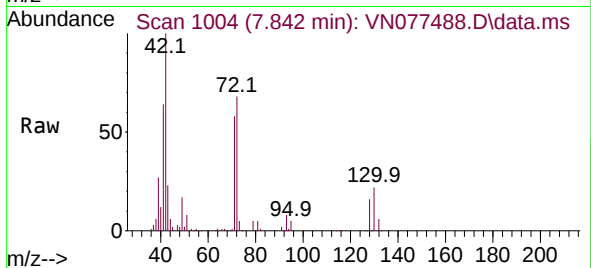
Tgt Ion: 42 Resp: 21563
 Ion Ratio Lower Upper
 42 100
 72 65.0 49.8 74.6
 71 56.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#30

Chloroform

Concen: 19.414 ug/l

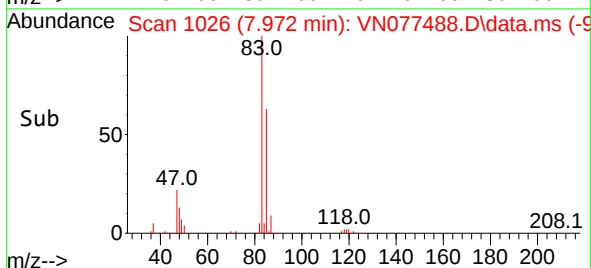
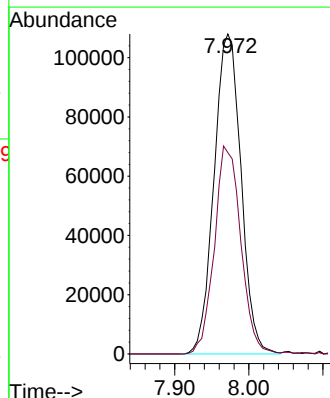
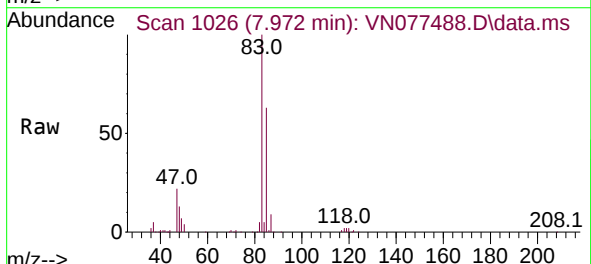
RT: 7.972 min Scan# 1026

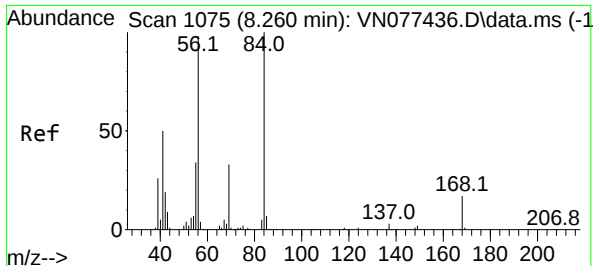
Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

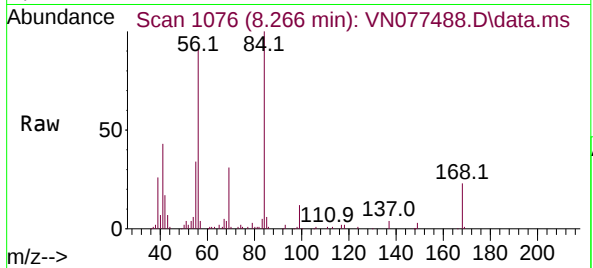
Tgt Ion: 83 Resp: 273307
 Ion Ratio Lower Upper
 83 100
 85 62.9 55.4 83.0





#31
Cyclohexane
Concen: 17.295 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

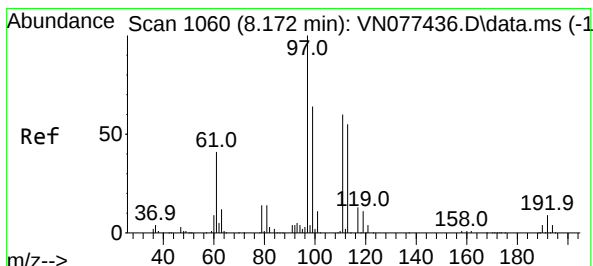
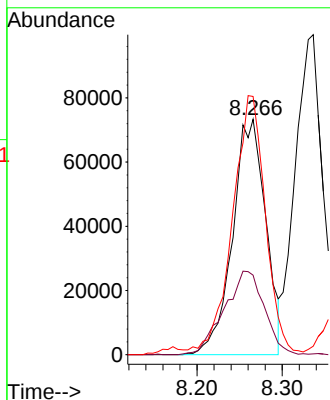
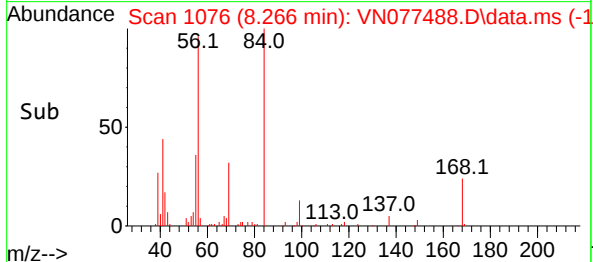
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 56 Resp: 19812
Ion Ratio Lower Upper
56 100
69 33.4 26.8 40.2
84 107.5 81.8 122.6

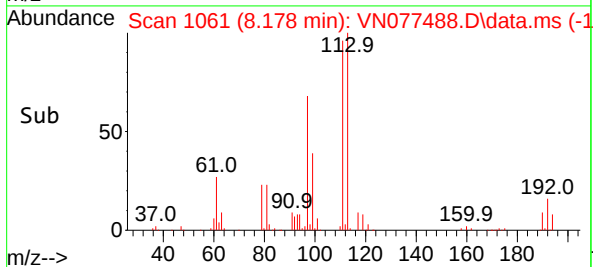
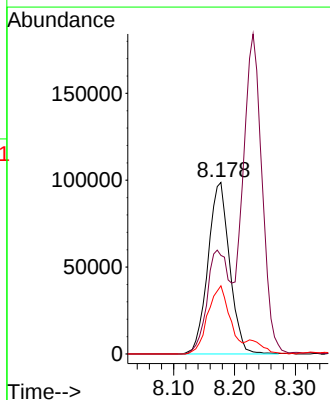
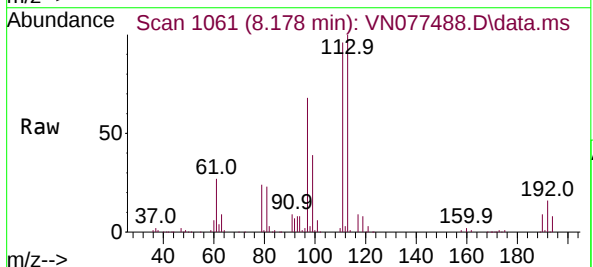
Manual Integrations
APPROVED

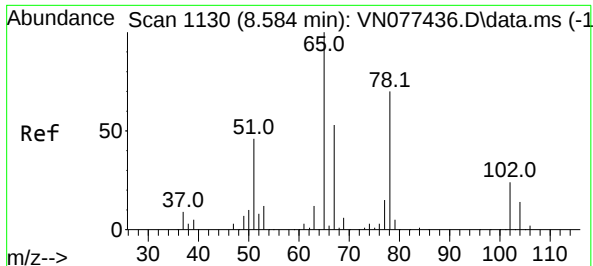
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#32
1,1,1-Trichloroethane
Concen: 18.848 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion: 97 Resp: 243945
Ion Ratio Lower Upper
97 100
99 61.6 50.3 75.5
61 40.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.386 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01

Tgt Ion: 65 Resp: 439809

Ion Ratio Lower Upper

65 100

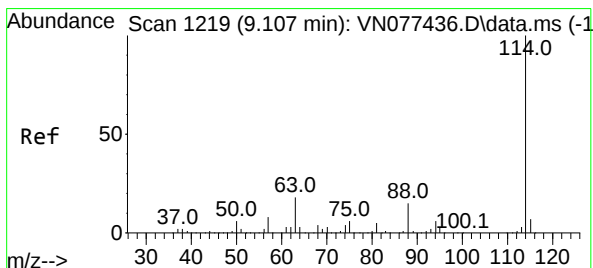
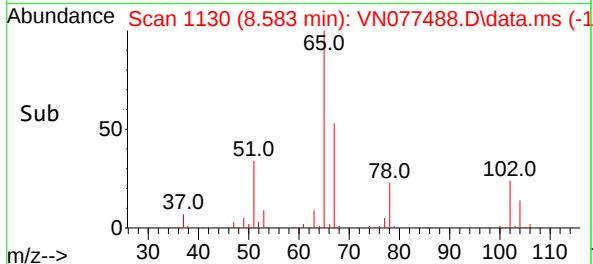
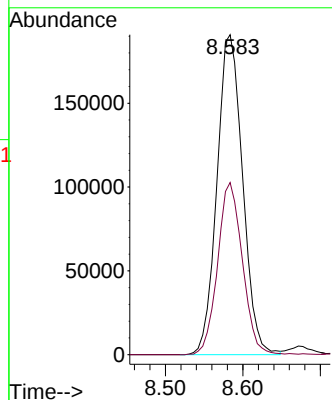
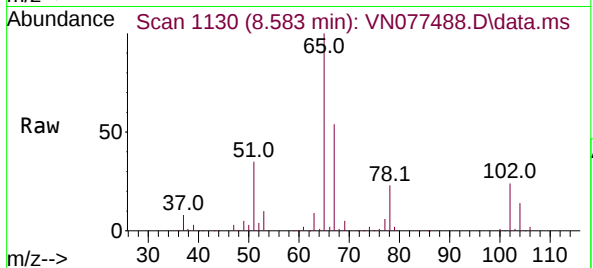
67 51.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

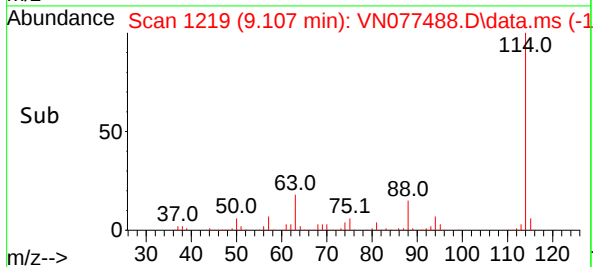
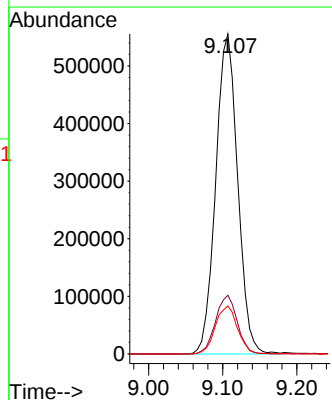
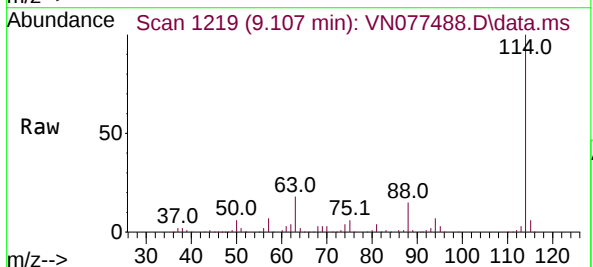
Tgt Ion:114 Resp: 1141954

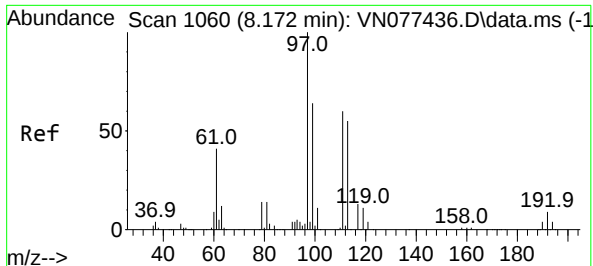
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

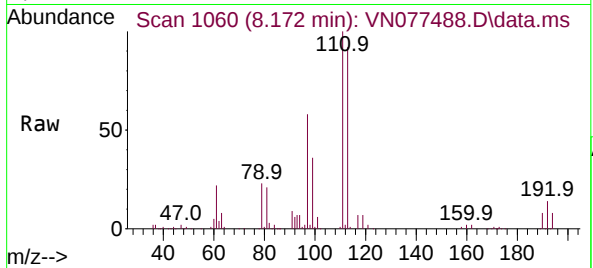
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.179 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

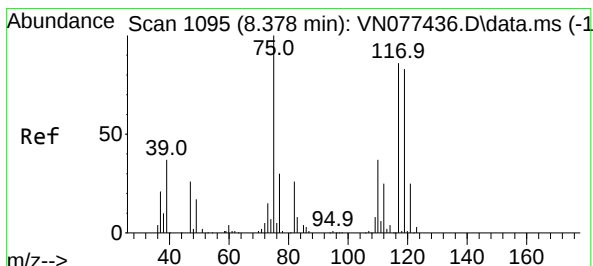
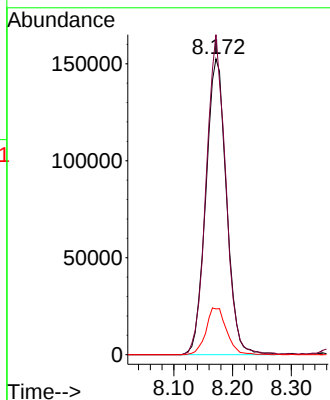
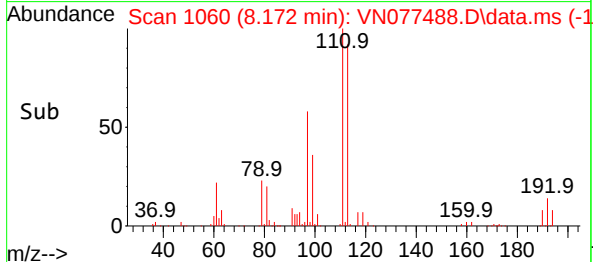
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 113 Resp: 371860
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 15.8 12.7 19.1

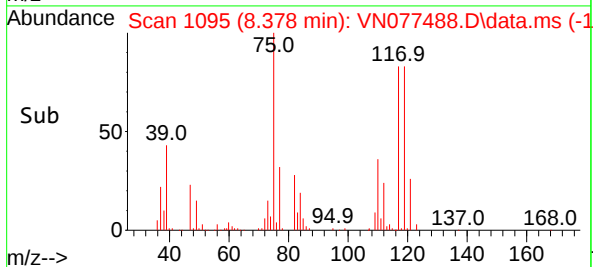
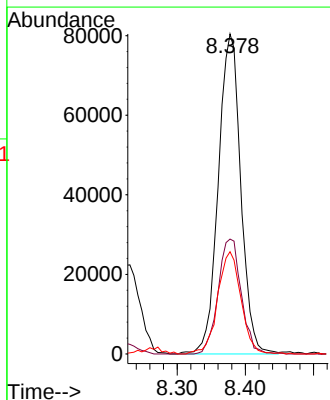
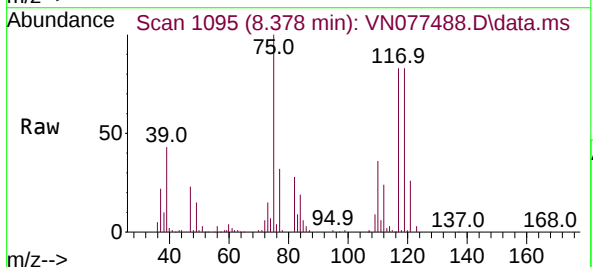
Manual Integrations
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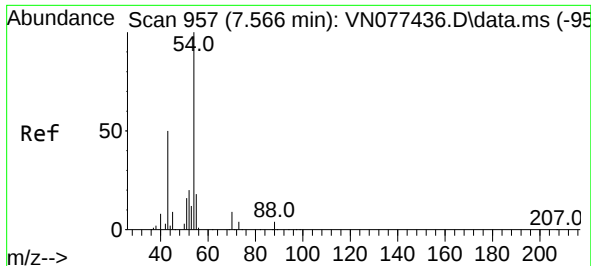
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,1-Dichloropropene
Concen: 18.599 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

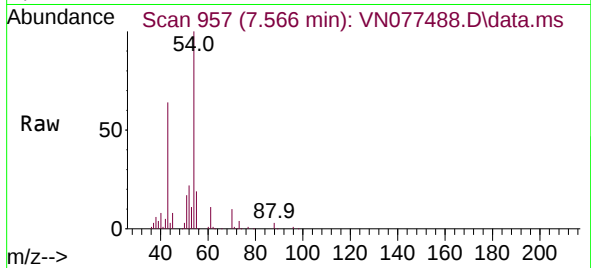
Tgt Ion: 75 Resp: 184425
Ion Ratio Lower Upper
75 100
110 37.0 19.1 57.3
77 33.3 25.0 37.4





#37
Ethyl Acetate
Concen: 18.568 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

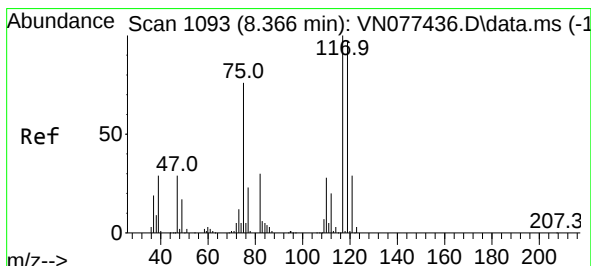
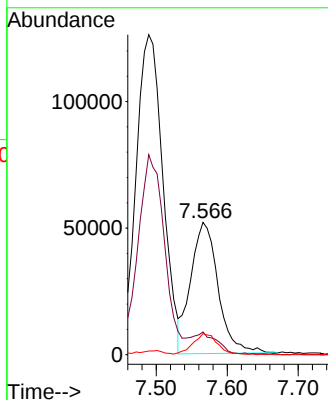
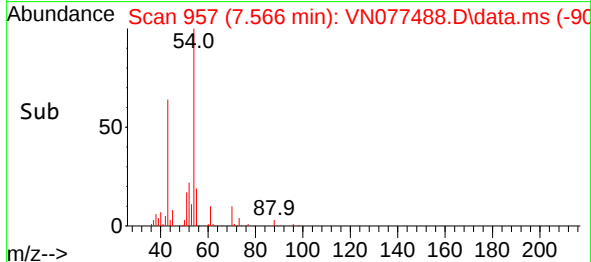
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 43 Resp: 139909
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8
70 14.3 11.3 16.9

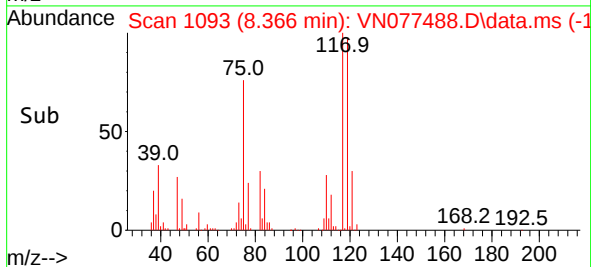
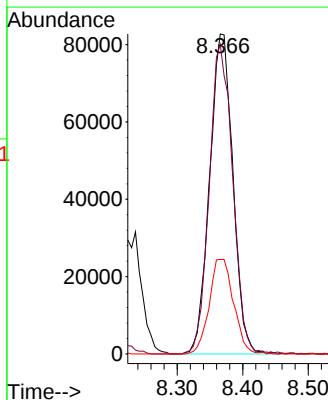
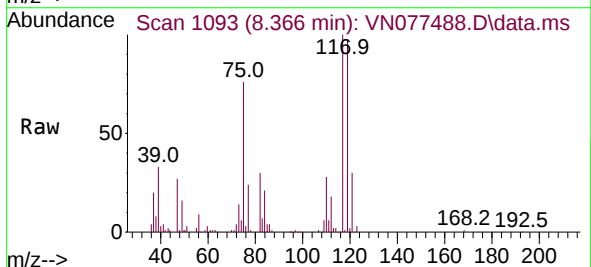
Manual Integrations
APPROVED

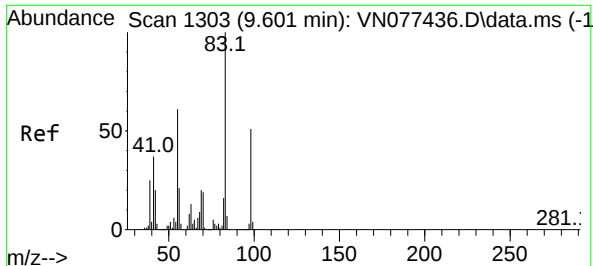
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#38
Carbon Tetrachloride
Concen: 18.631 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion:117 Resp: 203830
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.698 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077488.D

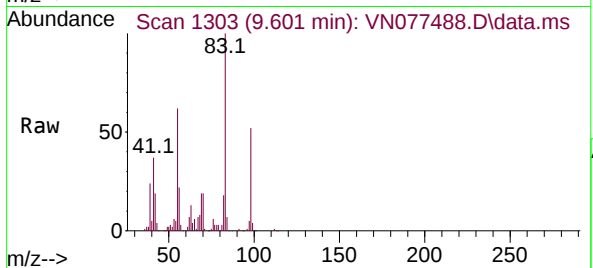
Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01



Tgt Ion: 83 Resp: 24428

Ion Ratio Lower Upper

83 100

55 62.1 49.1 73.7

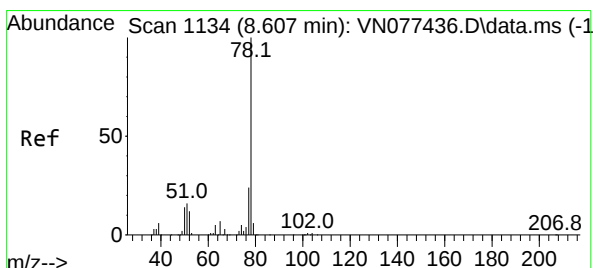
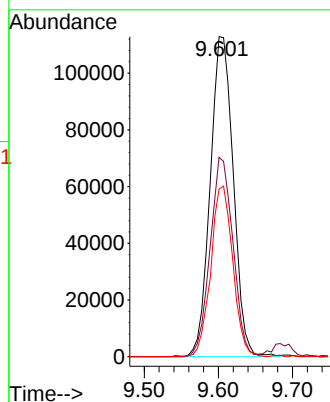
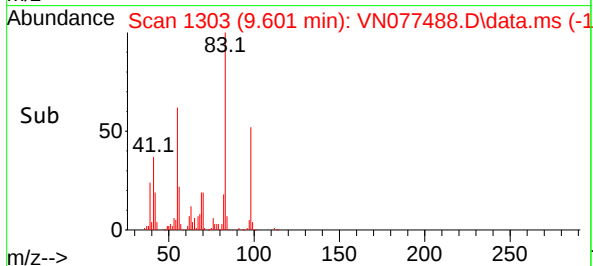
98 52.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Benzene

Concen: 19.021 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077488.D

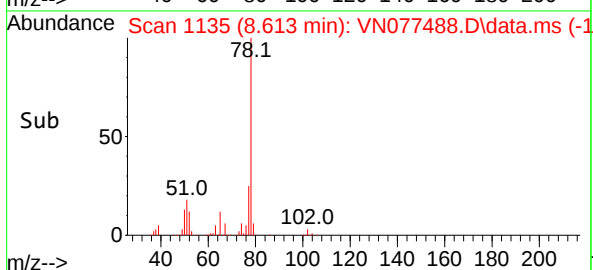
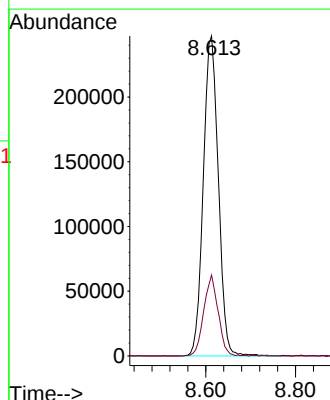
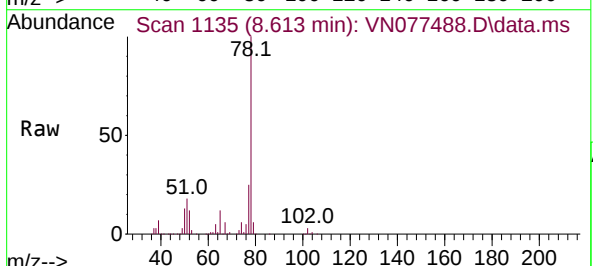
Acq: 27 Apr 2023 11:11

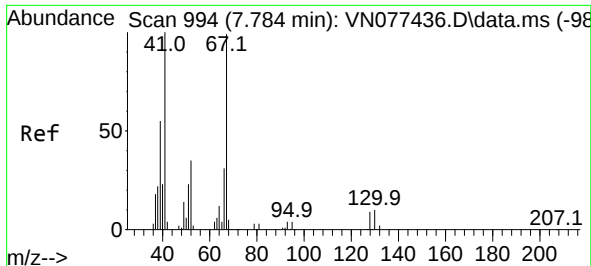
Tgt Ion: 78 Resp: 574595

Ion Ratio Lower Upper

78 100

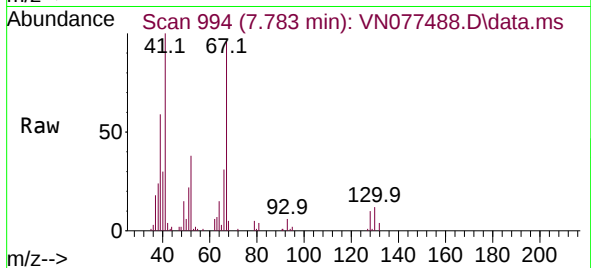
77 25.3 19.0 28.6





#41
Methacrylonitrile
Concen: 18.310 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

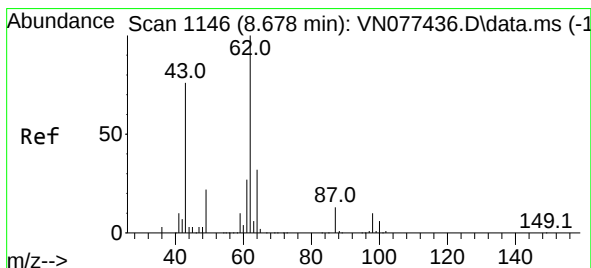
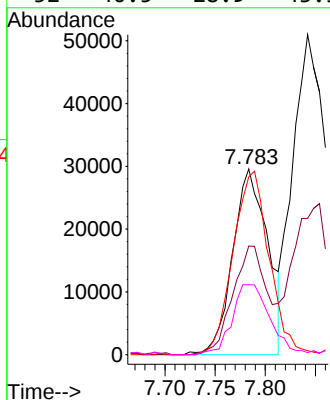
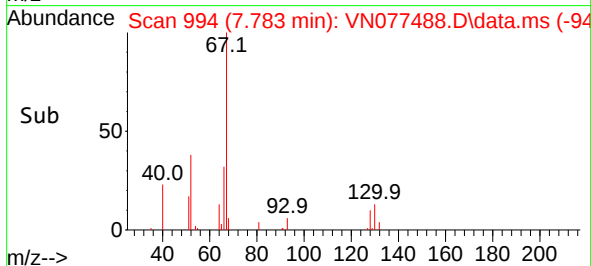
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 41 Resp: 7185
Ion Ratio Lower Upper
41 100
39 55.0 42.6 64.0
67 102.1 77.5 116.3
52 40.5 28.9 43.3

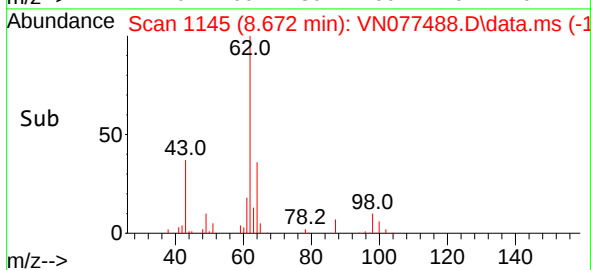
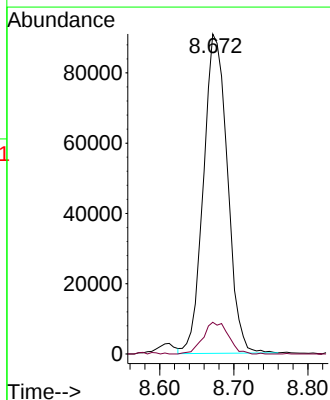
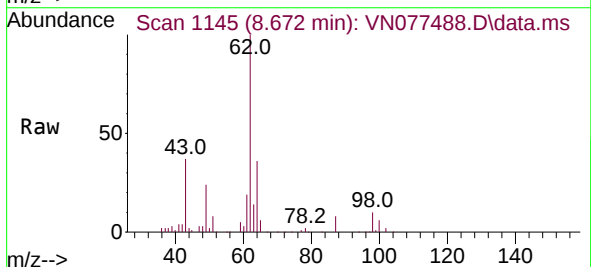
Manual Integrations
APPROVED

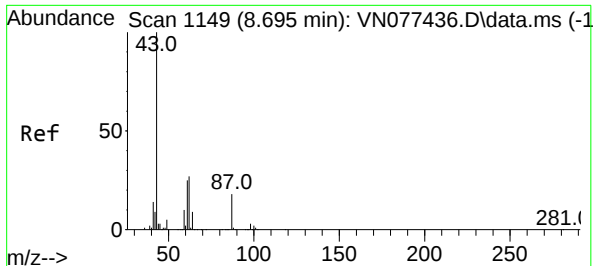
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#42
1,2-Dichloroethane
Concen: 19.688 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

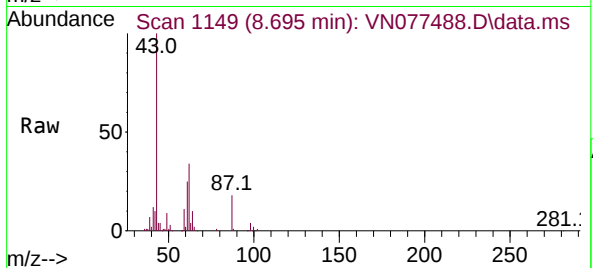
Tgt Ion: 62 Resp: 204266
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.993 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

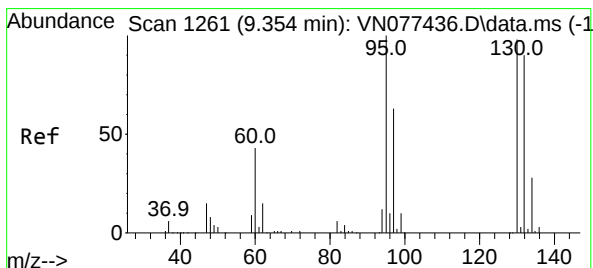
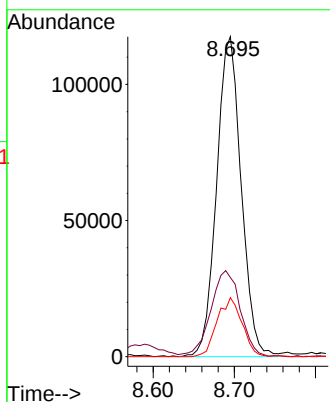
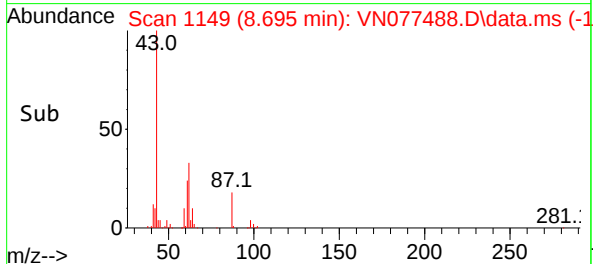
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 43 Resp: 247580
Ion Ratio Lower Upper
43 100
61 32.5 24.7 37.1
87 18.7 14.6 21.8

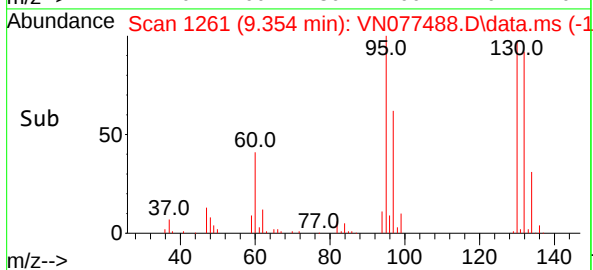
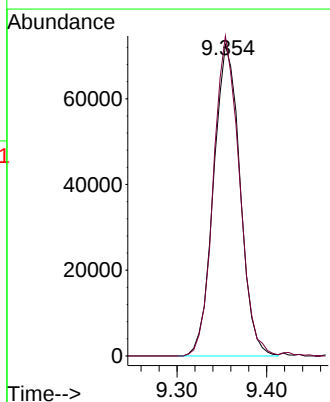
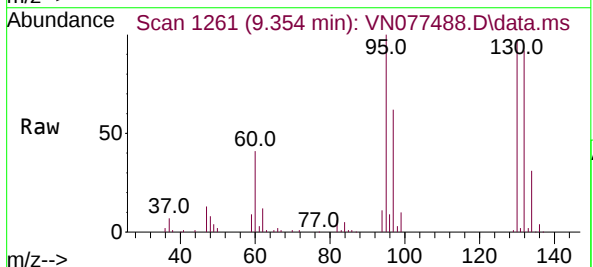
Manual Integrations
APPROVED

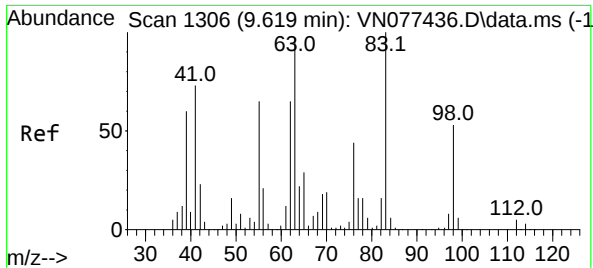
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#44
Trichloroethene
Concen: 19.217 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion:130 Resp: 148633
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.555 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01

Tgt Ion: 63 Resp: 138370

Ion Ratio Lower Upper

63 100

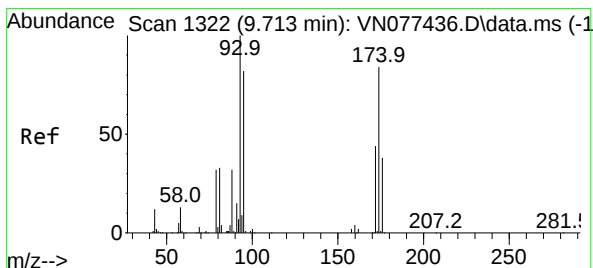
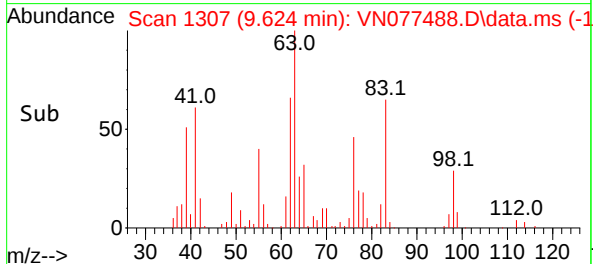
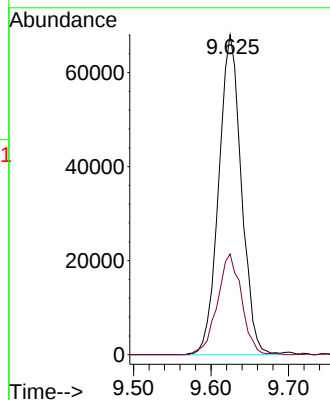
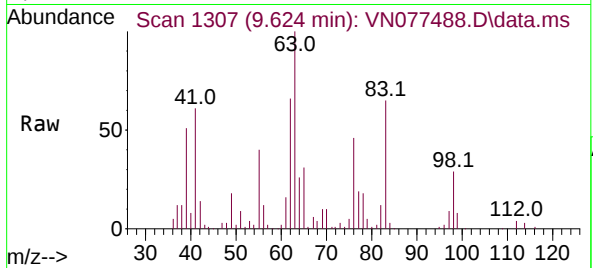
65 31.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

Dibromomethane

Concen: 18.841 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

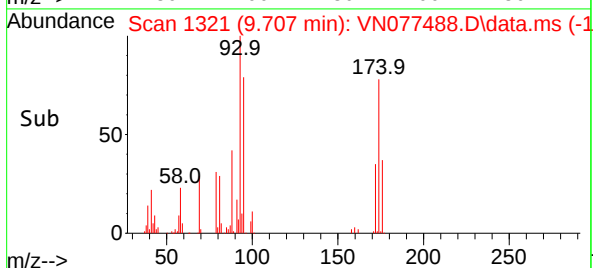
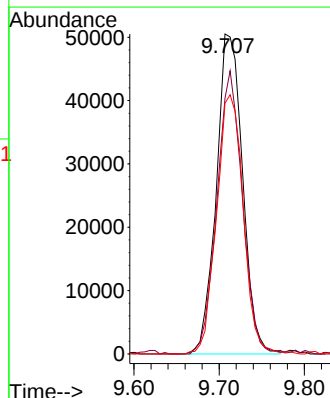
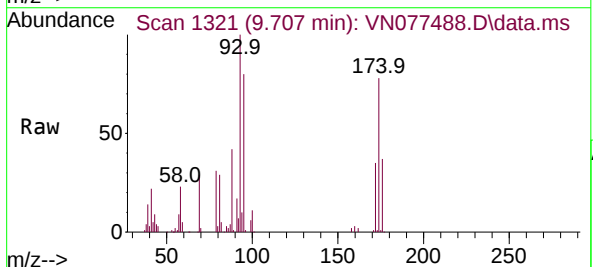
Tgt Ion: 93 Resp: 108177

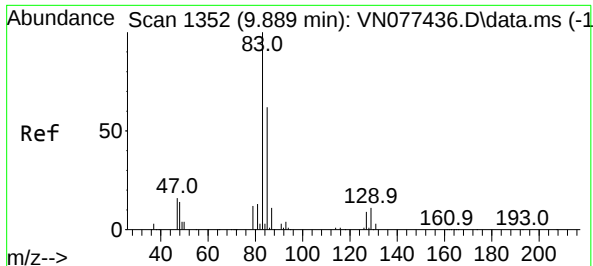
Ion Ratio Lower Upper

93 100

95 85.8 63.8 95.8

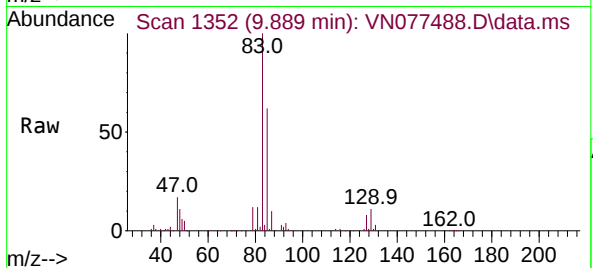
174 82.5 65.6 98.4





#47
Bromodichloromethane
Concen: 19.815 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

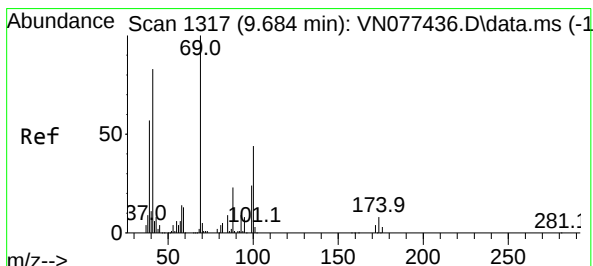
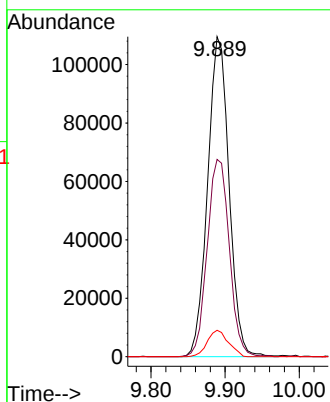
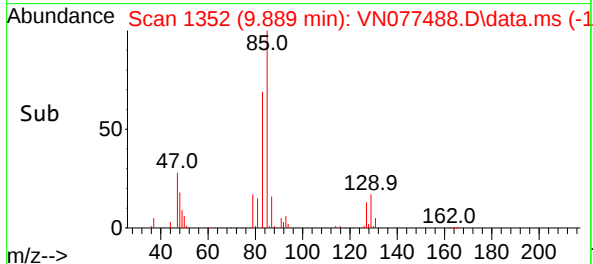
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



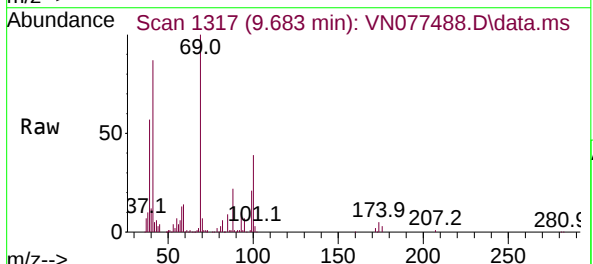
Tgt Ion: 83 Resp: 220073
Ion Ratio Lower Upper
83 100
85 61.6 49.6 74.4
127 8.2 7.0 10.6

Manual Integrations
APPROVED

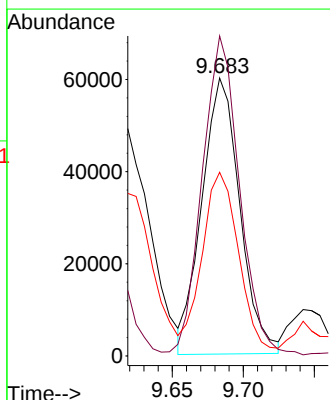
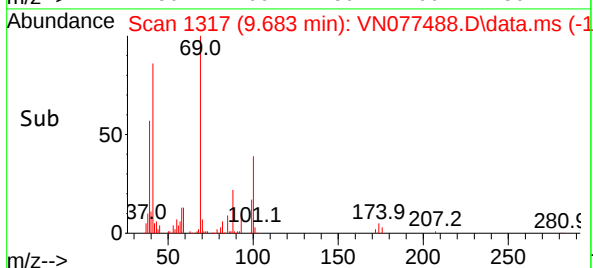
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

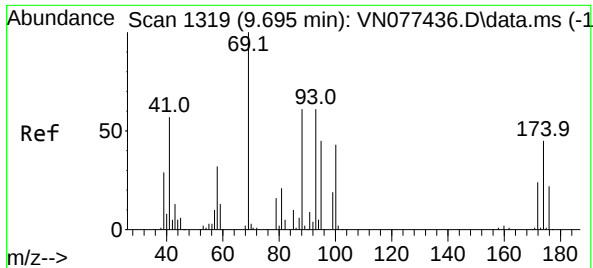


#48
Methyl methacrylate
Concen: 18.768 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



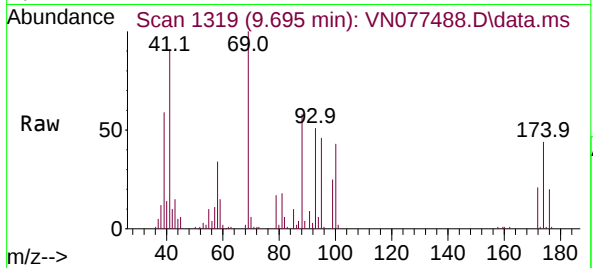
Tgt Ion: 41 Resp: 111365
Ion Ratio Lower Upper
41 100
69 113.9 90.4 135.6
39 65.8 54.6 81.8





#49
1,4-Dioxane
Concen: 373.269 ug/l
RT: 9.695 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

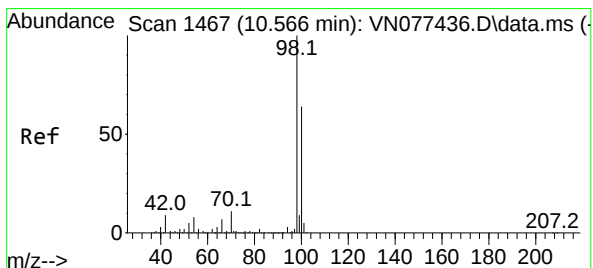
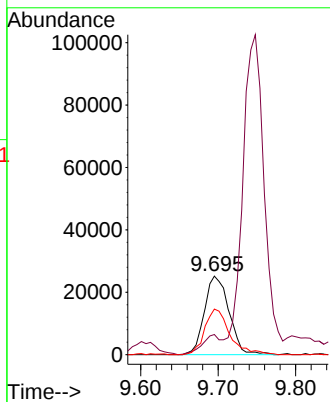
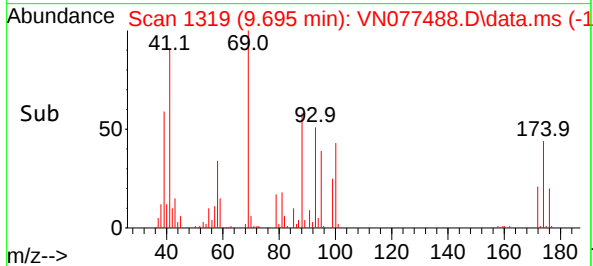
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 88 Resp: 5555
Ion Ratio Lower Upper
88 100
43 17.6 17.0 25.6
58 59.1 47.0 70.4

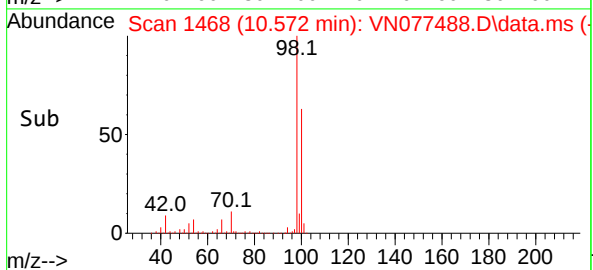
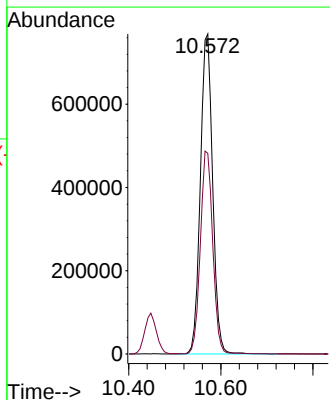
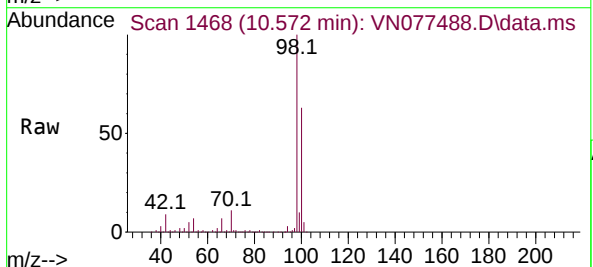
Manual Integrations
APPROVED

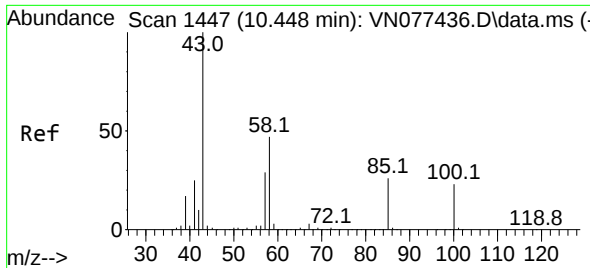
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#50
Toluene-d8
Concen: 54.324 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion: 98 Resp: 1429019
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





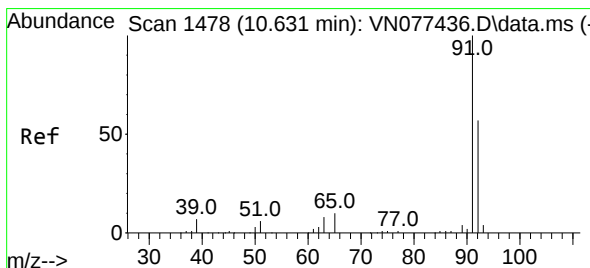
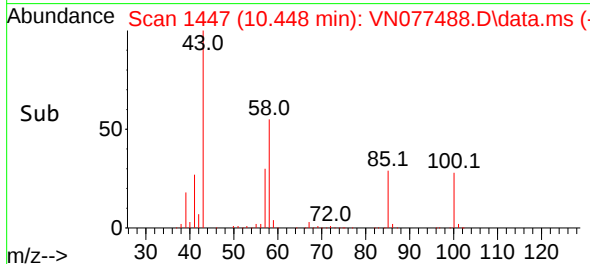
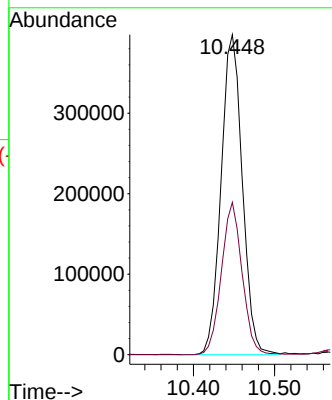
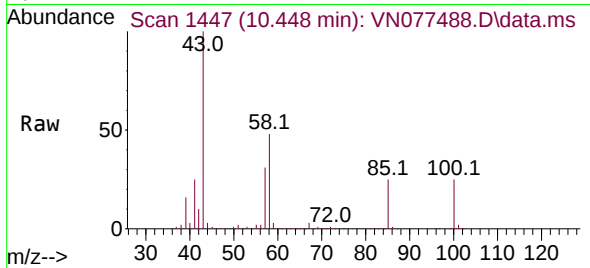
#51
4-Methyl-2-Pentanone
Concen: 94.558 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01

Tgt Ion: 43 Resp: 722980
Ion Ratio Lower Upper
43 100
58 46.6 36.6 54.8

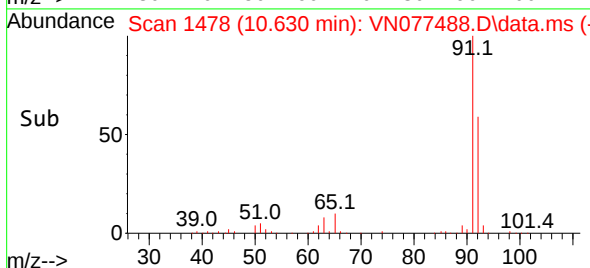
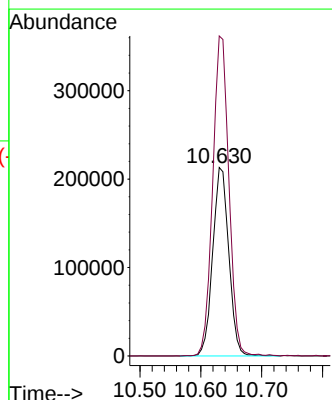
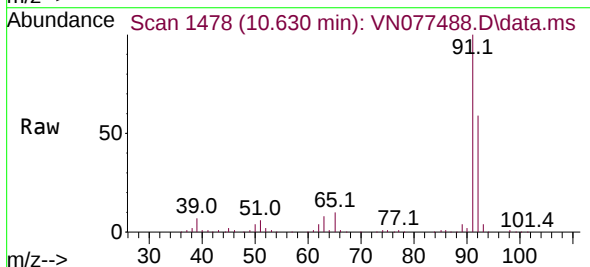
Manual Integrations
APPROVED

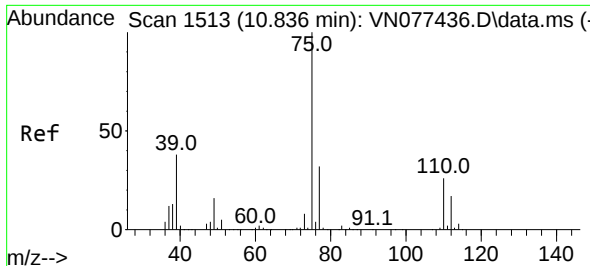
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#52
Toluene
Concen: 19.741 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

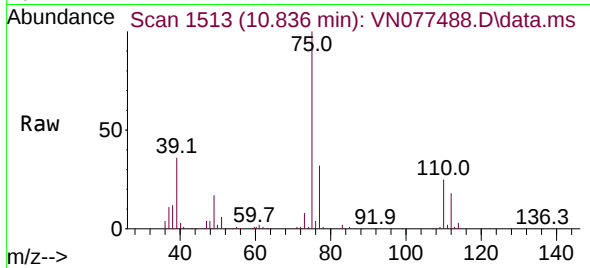
Tgt Ion: 92 Resp: 390666
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.946 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

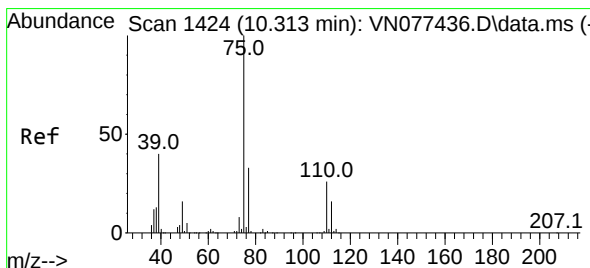
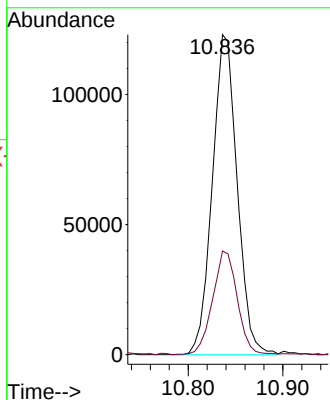
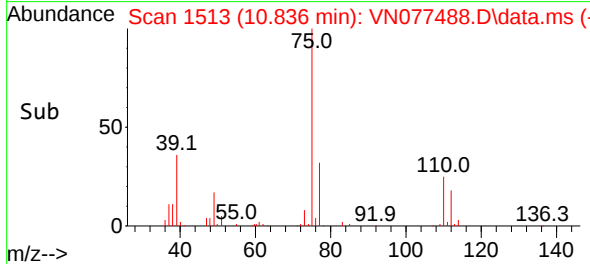
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 75 Resp: 224307
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

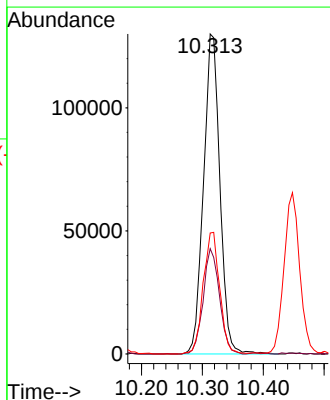
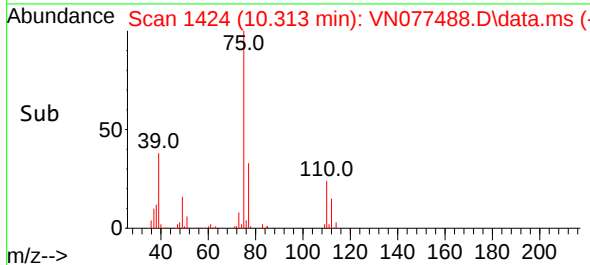
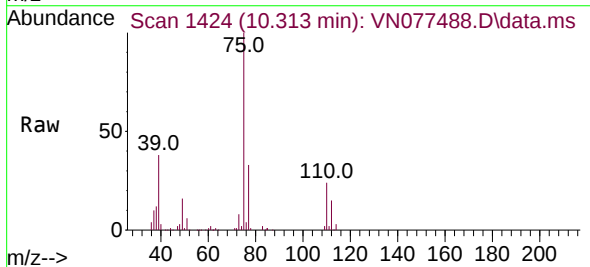
Manual Integrations
APPROVED

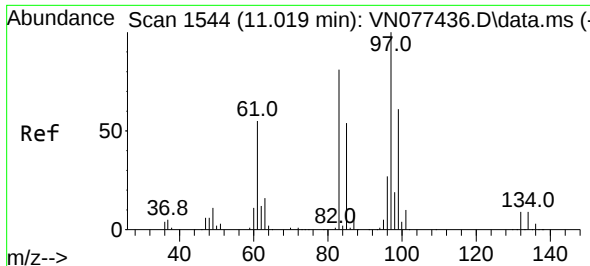
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#54
cis-1,3-Dichloropropene
Concen: 19.864 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

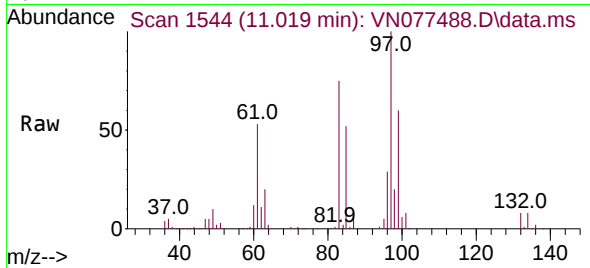
Tgt Ion: 75 Resp: 243156
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1
39 37.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.898 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

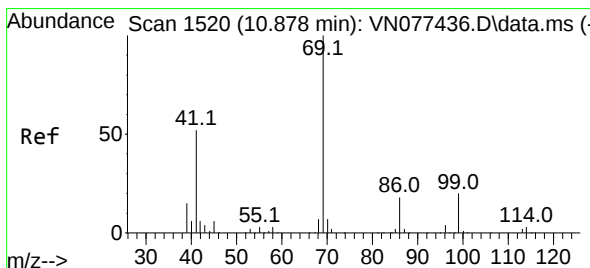
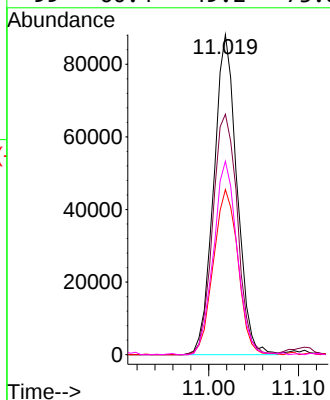
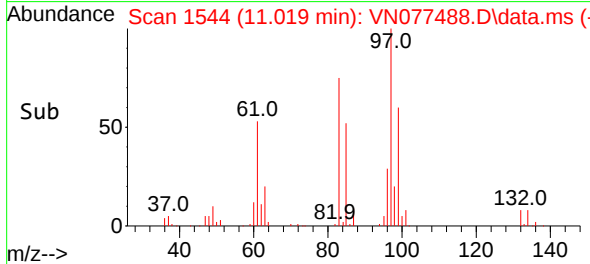
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion:	97	Resp:	15834
Ion Ratio	100	Lower	Upper
97	100		
83	75.2	65.1	97.7
85	51.6	43.4	65.2
99	60.4	49.2	73.8

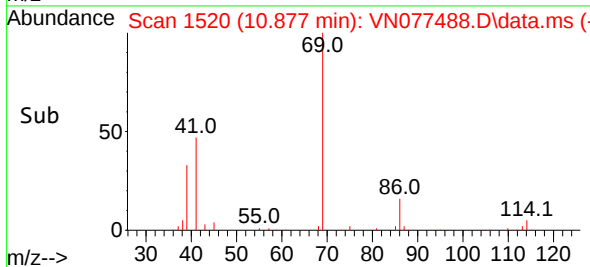
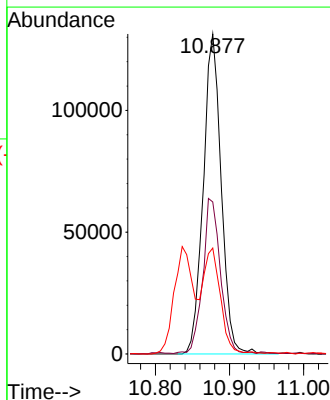
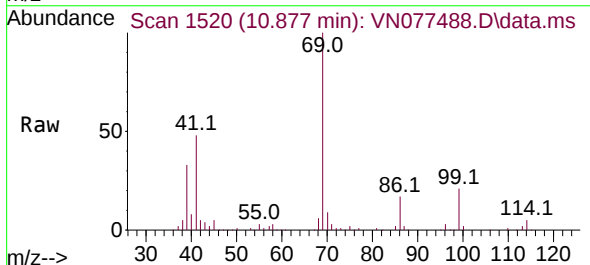
Manual Integrations
APPROVED

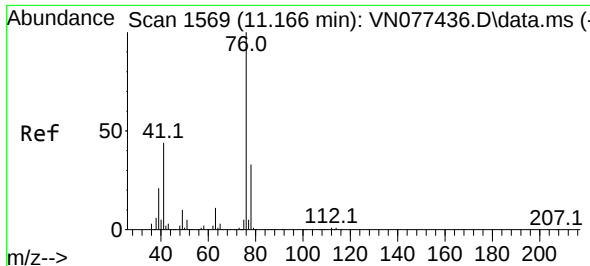
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#56
Ethyl methacrylate
Concen: 19.850 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion:	69	Resp:	221340
Ion Ratio	100	Lower	Upper
69	100		
41	47.7	39.6	59.4
39	29.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.251 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01

Tgt Ion: 76 Resp: 25668

Ion Ratio Lower Upper

76 100

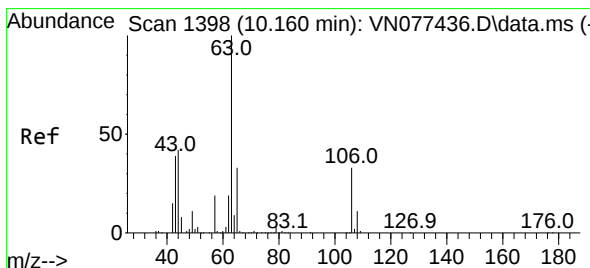
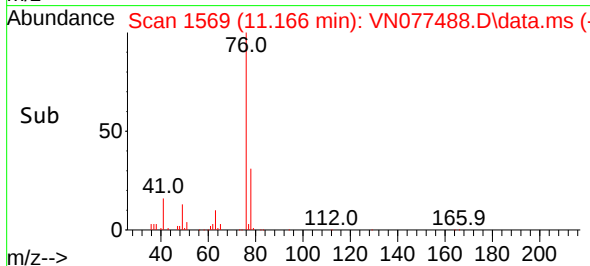
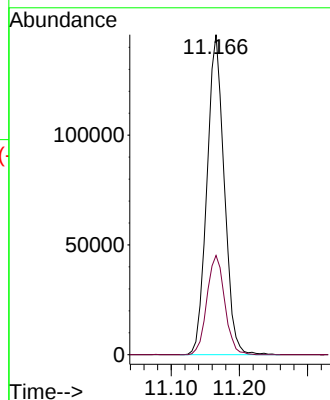
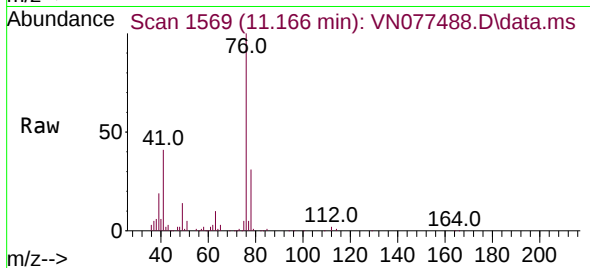
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.089 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077488.D

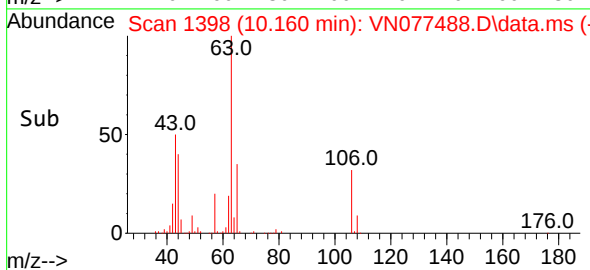
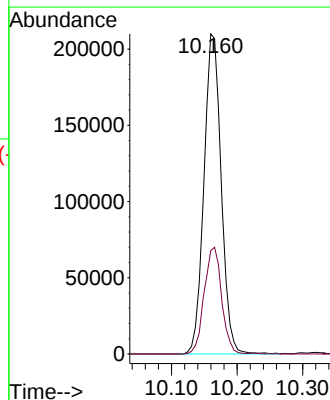
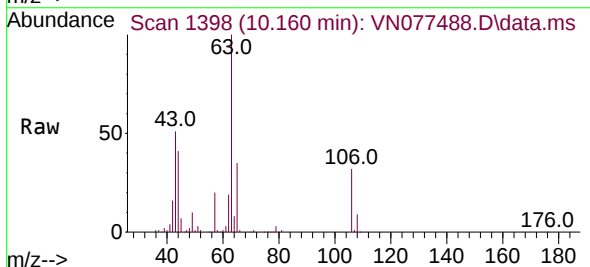
Acq: 27 Apr 2023 11:11

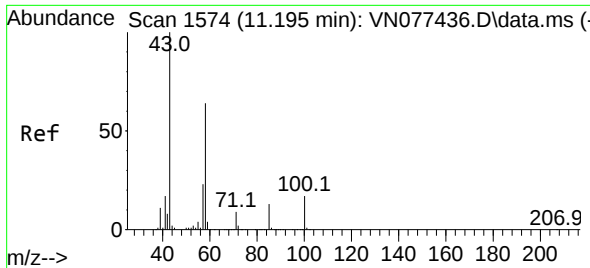
Tgt Ion: 63 Resp: 385037

Ion Ratio Lower Upper

63 100

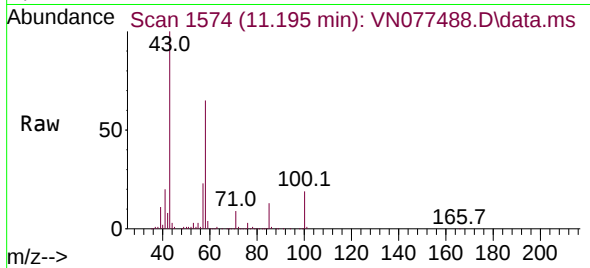
106 33.7 26.2 39.4





#59
2-Hexanone
Concen: 94.142 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

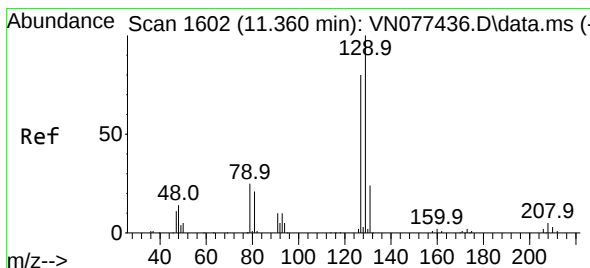
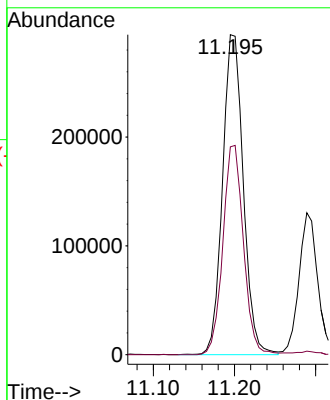
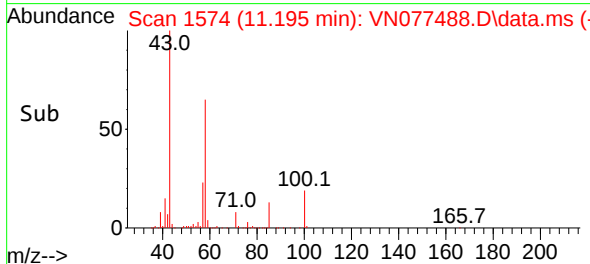
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 43 Resp: 523220
Ion Ratio Lower Upper
43 100
58 64.9 31.7 95.1

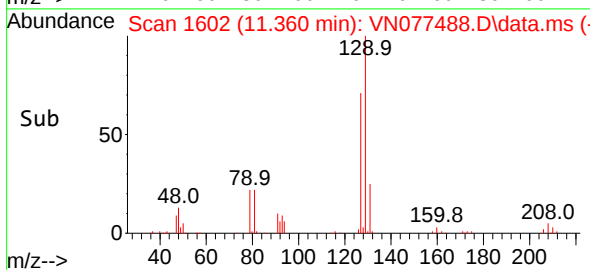
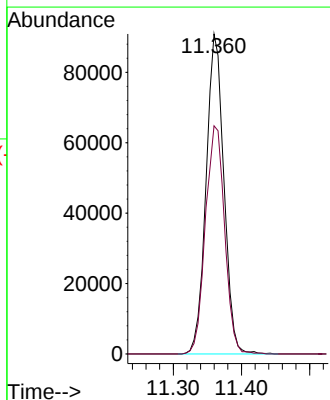
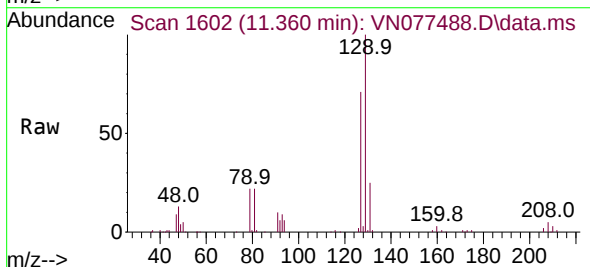
Manual Integrations
APPROVED

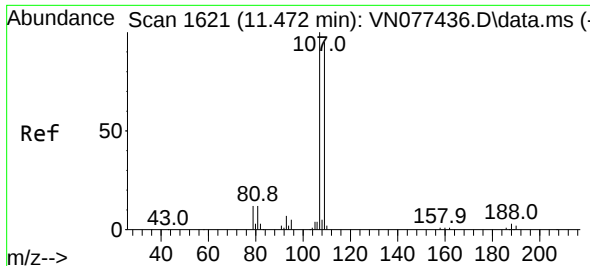
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
Dibromochloromethane
Concen: 19.974 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

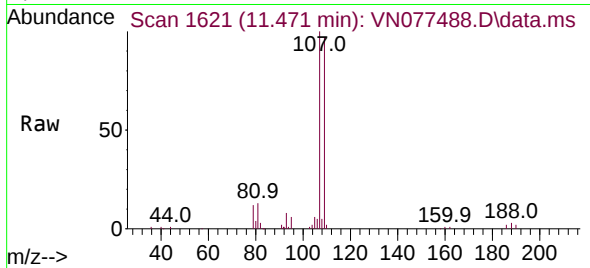
Tgt Ion:129 Resp: 164965
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.155 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

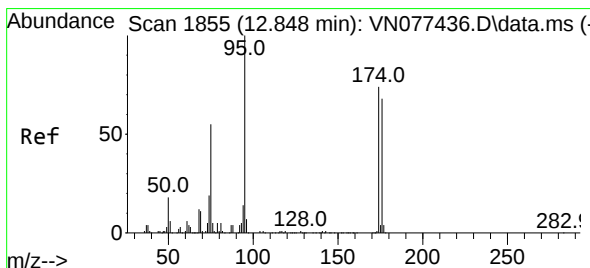
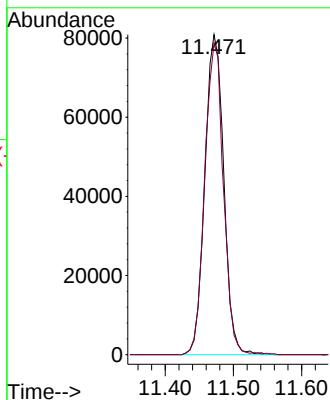
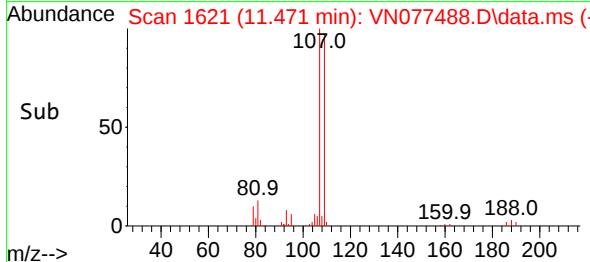
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion:107 Resp: 15562
Ion Ratio Lower Upper
107 100
109 96.8 76.6 114.8

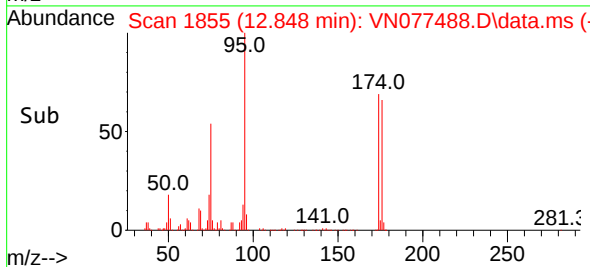
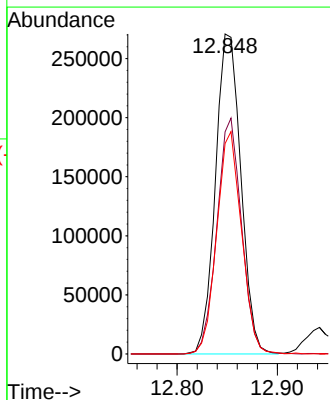
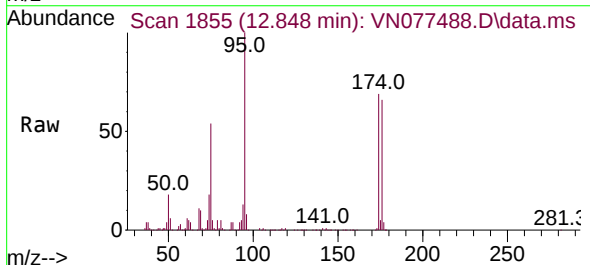
Manual Integrations
APPROVED

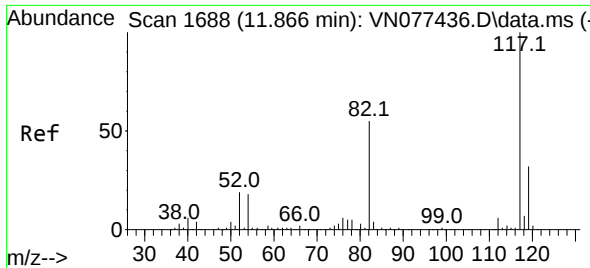
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
4-Bromofluorobenzene
Concen: 55.437 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion: 95 Resp: 477117
Ion Ratio Lower Upper
95 100
174 71.2 0.0 143.8
176 67.8 0.0 135.8





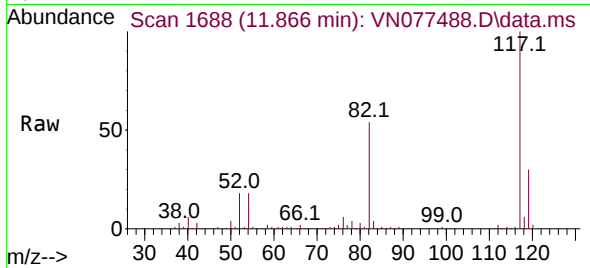
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01



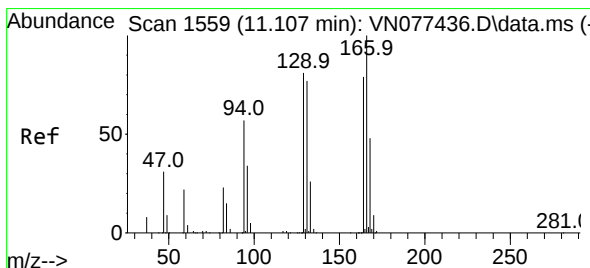
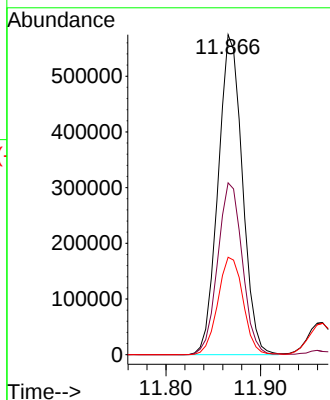
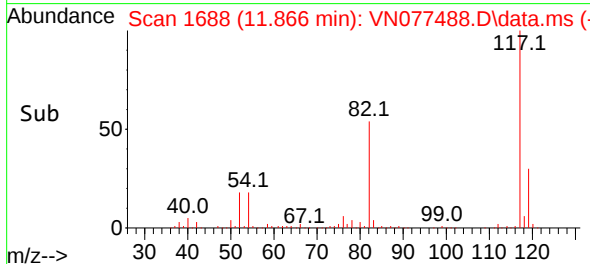
Tgt Ion:117 Resp: 1024128
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 30.4 25.6 38.4

Manual Integrations

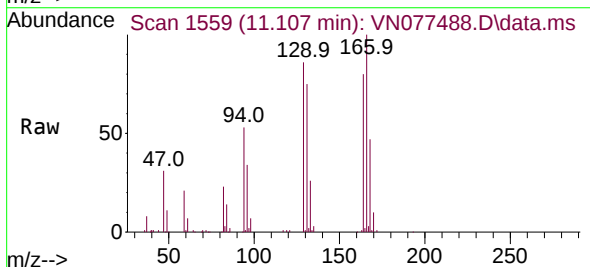
APPROVED

Reviewed By :John Carlone 04/28/2023

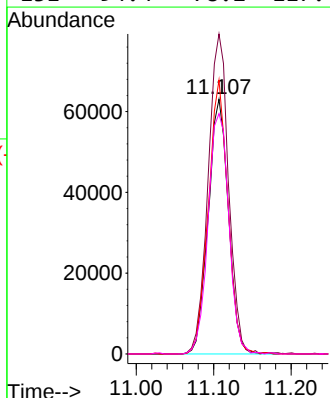
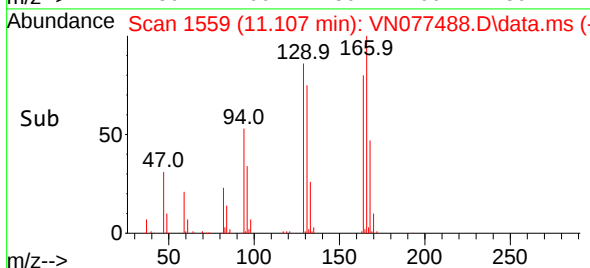
Supervised By :Mahesh Dadoda 04/28/2023

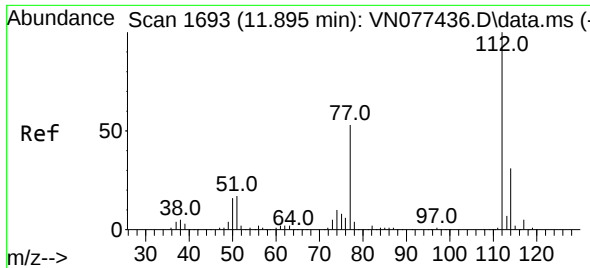


#64
Tetrachloroethene
Concen: 18.670 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



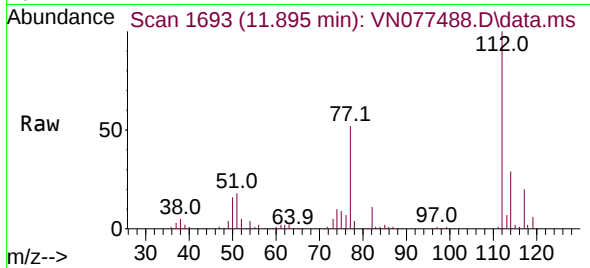
Tgt Ion:164 Resp: 114457
Ion Ratio Lower Upper
164 100
166 125.6 101.4 152.0
129 107.5 82.4 123.6
131 94.4 78.2 117.4





#65
Chlorobenzene
Concen: 18.924 ug/l
RT: 11.895 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

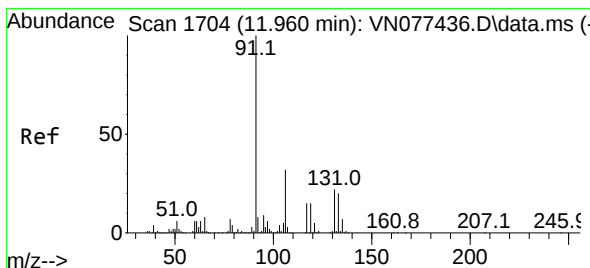
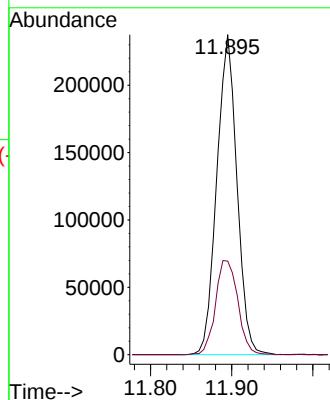
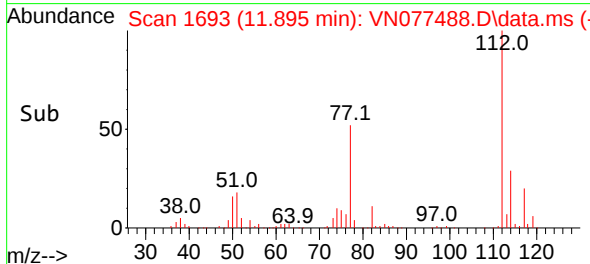
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion:112 Resp: 410110
Ion Ratio Lower Upper
112 100
114 29.3 25.0 37.4

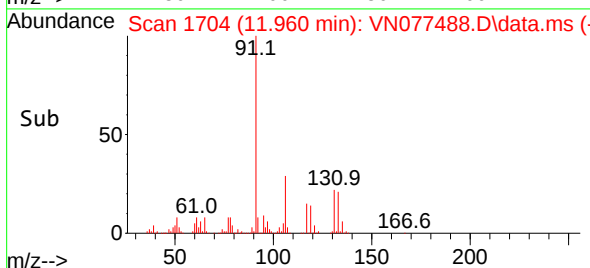
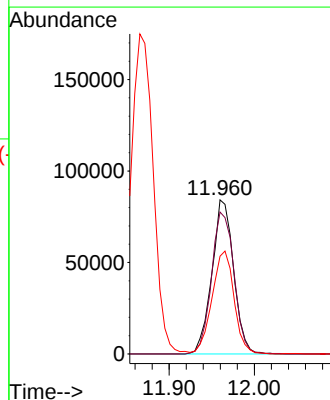
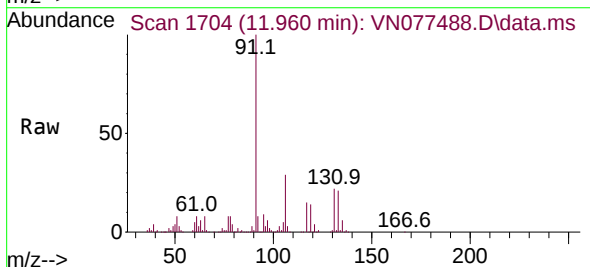
Manual Integrations
APPROVED

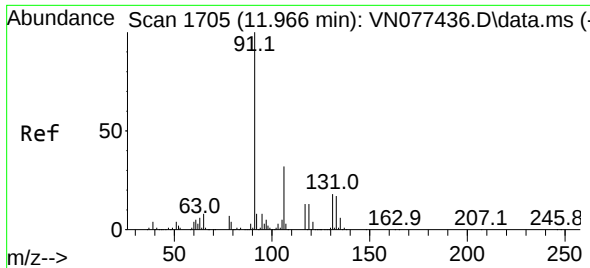
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.916 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

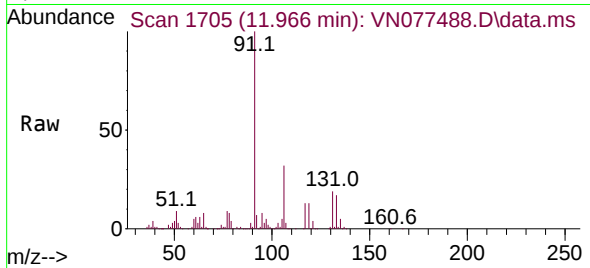
Tgt Ion:131 Resp: 149147
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 67.8 34.1 102.2





#67
Ethyl Benzene
Concen: 19.482 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

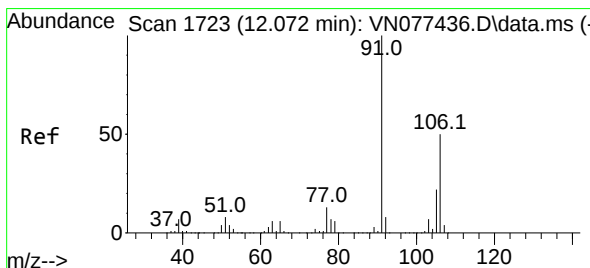
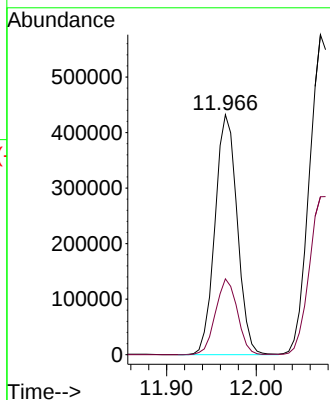
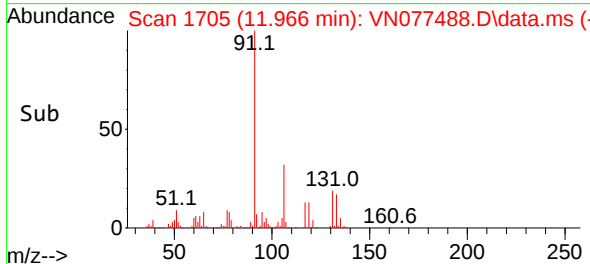
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



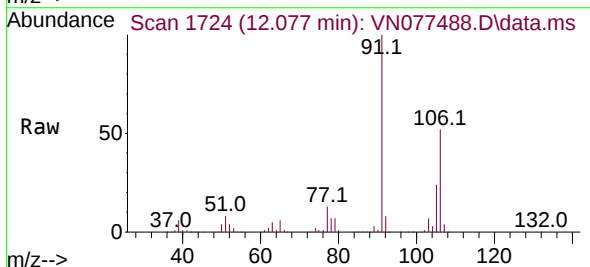
Tgt Ion: 91 Resp: 74323
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

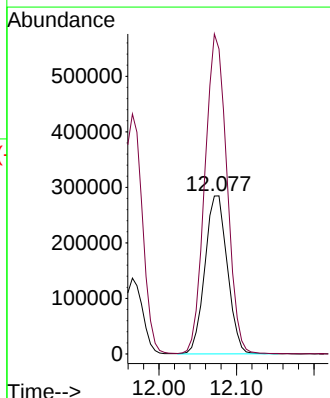
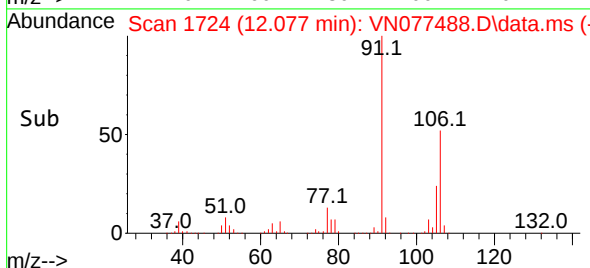
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

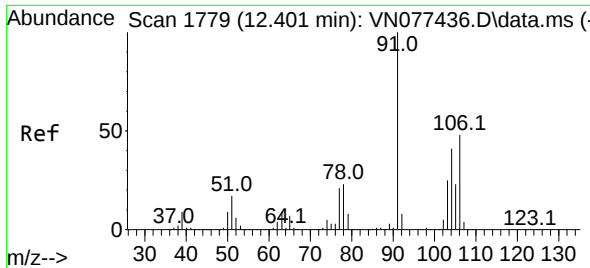


#68
m/p-Xylenes
Concen: 38.655 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



Tgt Ion:106 Resp: 573145
Ion Ratio Lower Upper
106 100
91 198.4 159.6 239.4





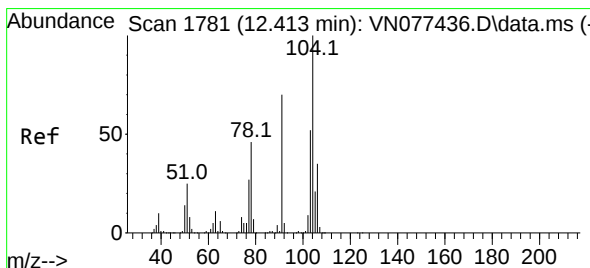
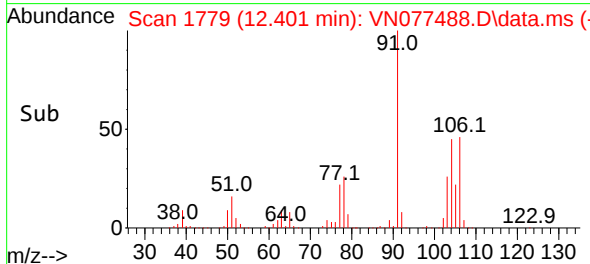
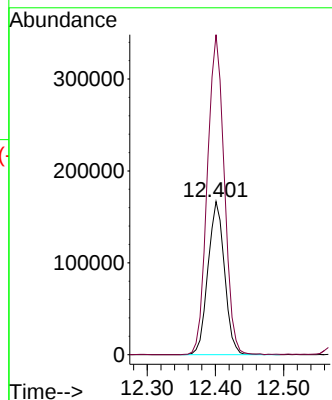
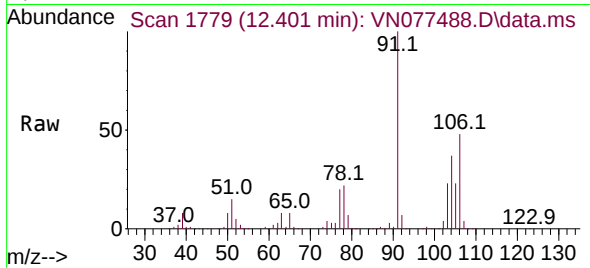
#69
o-Xylene
Concen: 19.311 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01

Tgt Ion:106 Resp: 28163
Ion Ratio Lower Upper
106 100
91 213.9 105.2 315.5

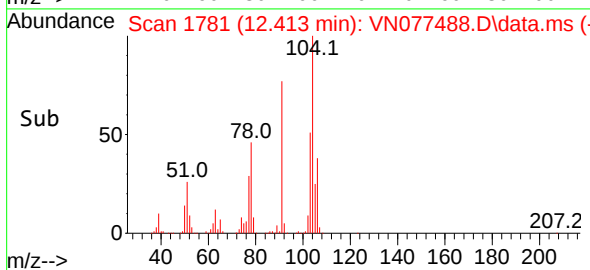
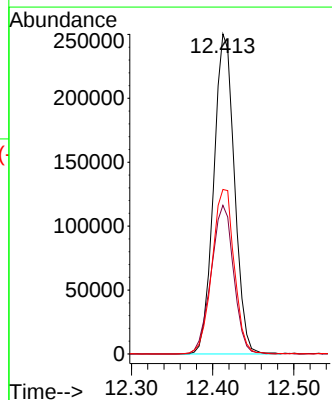
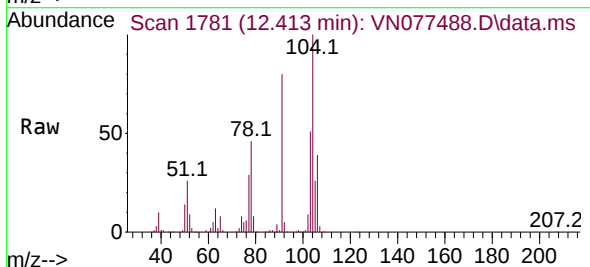
Manual Integrations
APPROVED

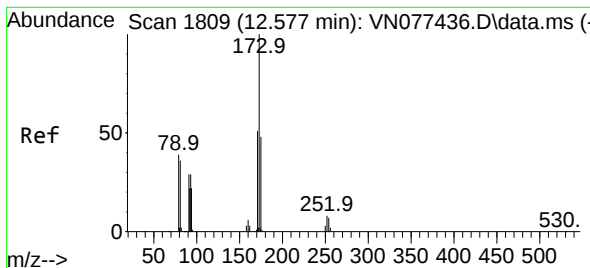
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
Styrene
Concen: 19.464 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion:104 Resp: 443927
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 19.272 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

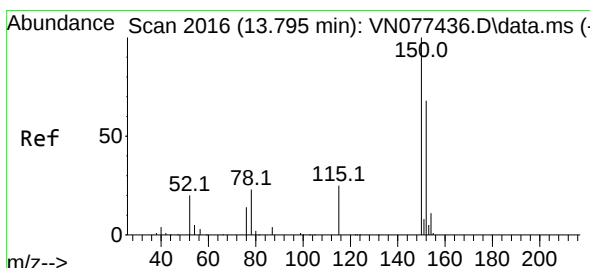
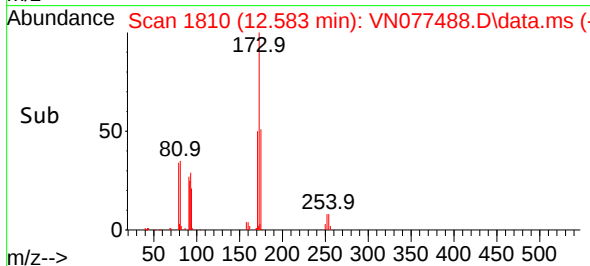
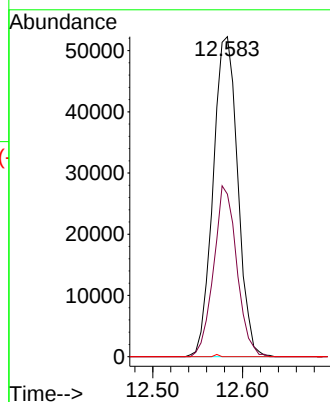
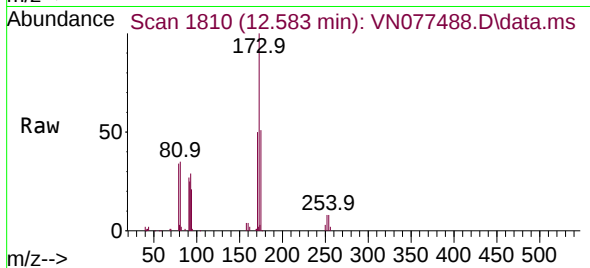
VN0427WBSD01

Tgt Ion:173 Resp: 99415
 Ion Ratio Lower Upper
 173 100
 175 50.3 24.3 73.0
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

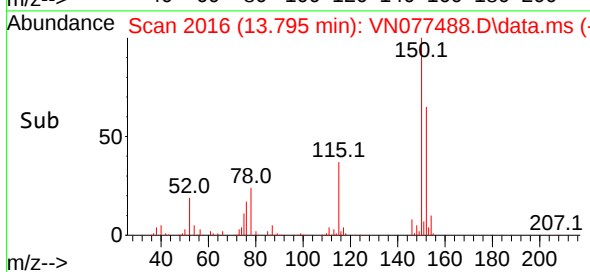
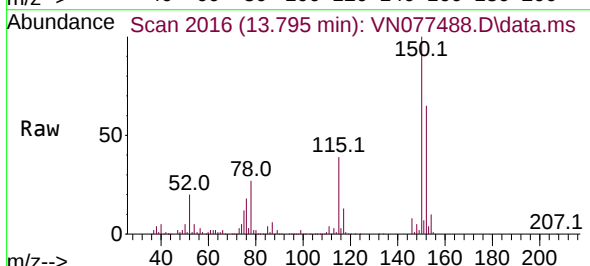
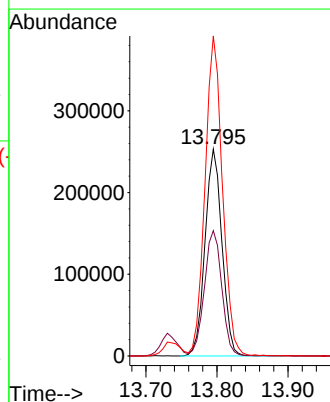
RT: 13.795 min Scan# 2016

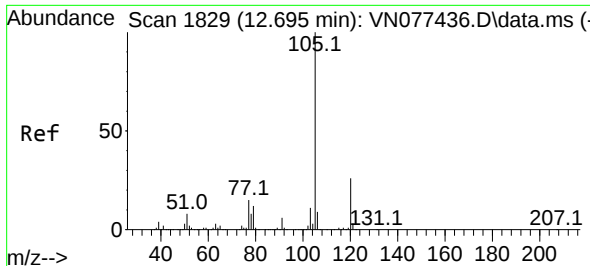
Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

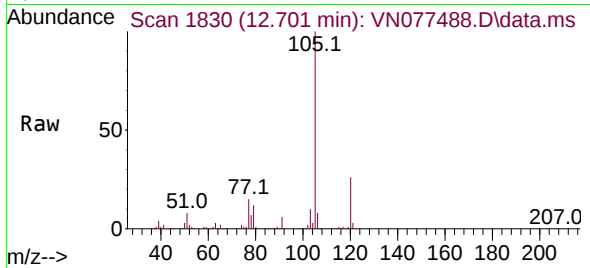
Tgt Ion:152 Resp: 420532
 Ion Ratio Lower Upper
 152 100
 115 61.8 32.3 96.8
 150 158.5 0.0 355.8





#73
Isopropylbenzene
Concen: 18.668 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

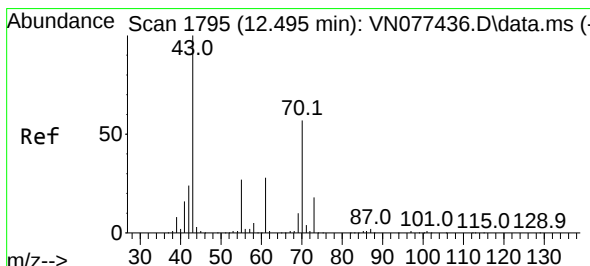
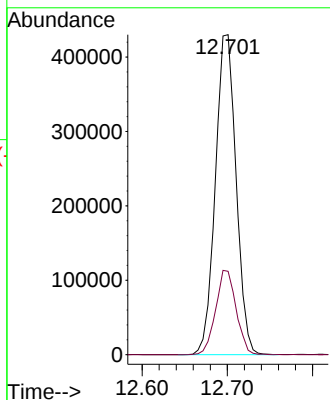
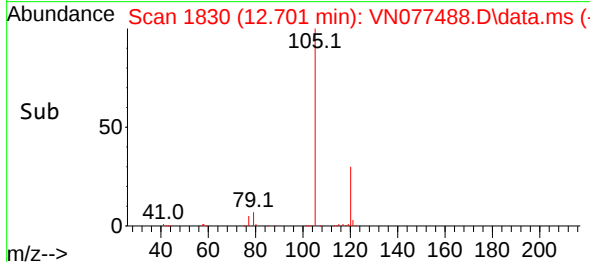
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion:105 Resp: 728489
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

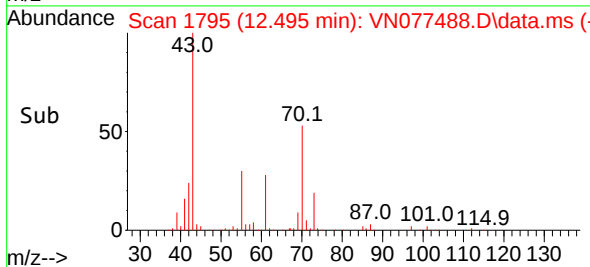
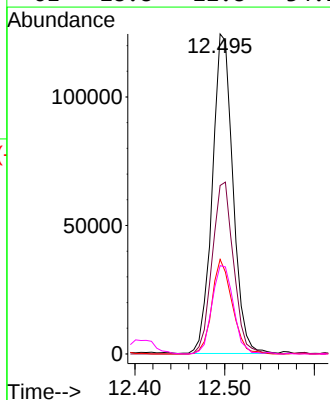
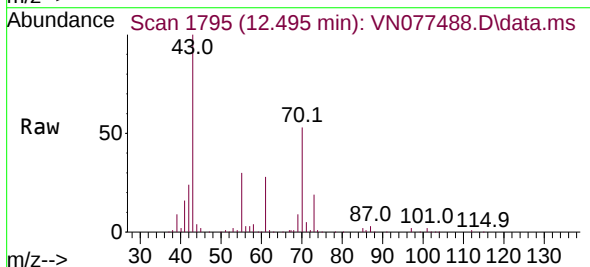
Manual Integrations
APPROVED

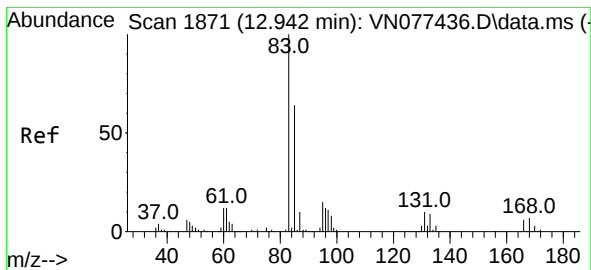
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#74
N-ethyl acetate
Concen: 17.164 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

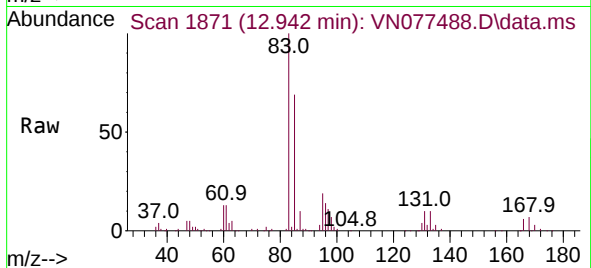
Tgt Ion: 43 Resp: 198299
Ion Ratio Lower Upper
43 100
70 55.9 43.4 65.2
55 29.0 21.4 32.0
61 28.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.736 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

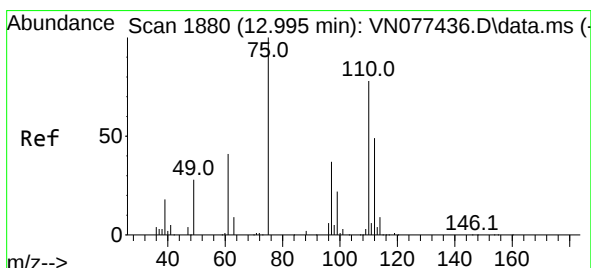
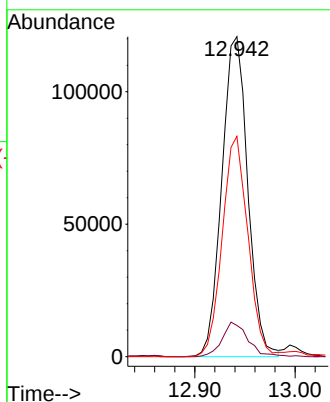
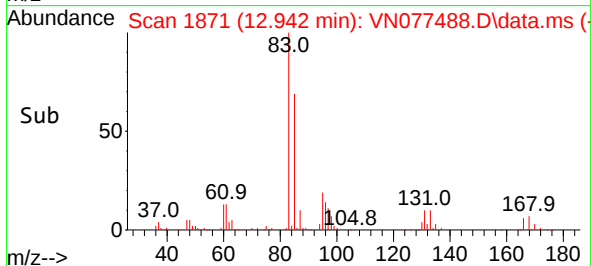
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



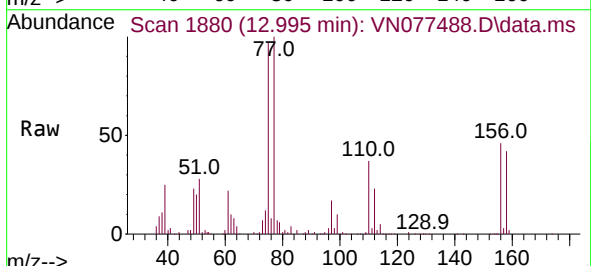
Tgt Ion: 83 Resp: 217470
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 68.3 31.9 95.7

Manual Integrations
APPROVED

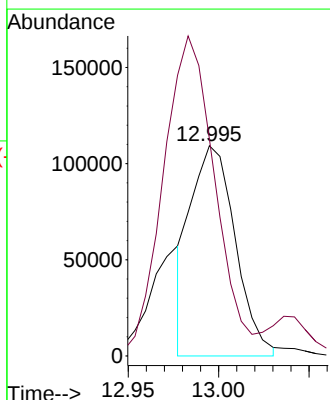
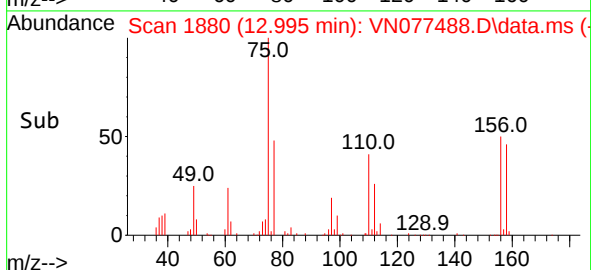
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

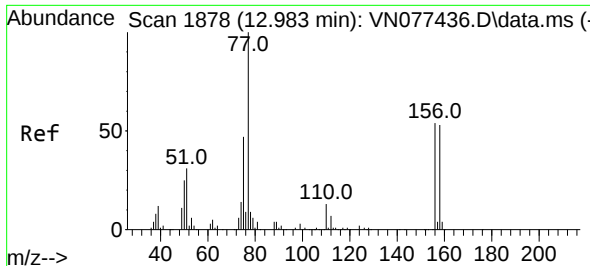


#76
1,2,3-Trichloropropane
Concen: 19.187 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



Tgt Ion: 75 Resp: 187626
Ion Ratio Lower Upper
75 100
77 176.0 84.5 253.5





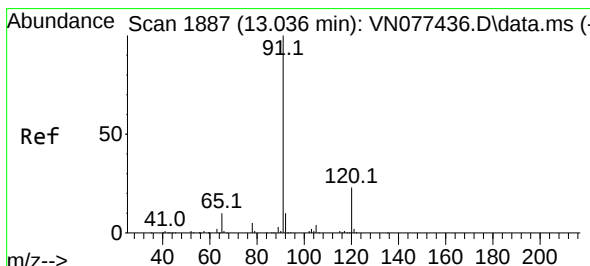
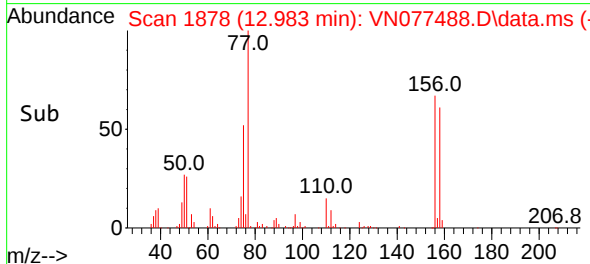
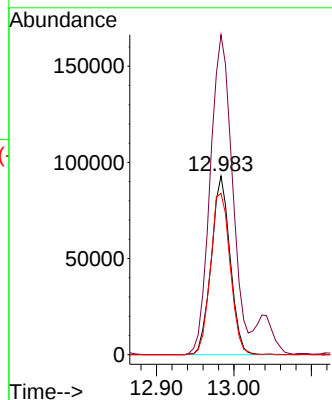
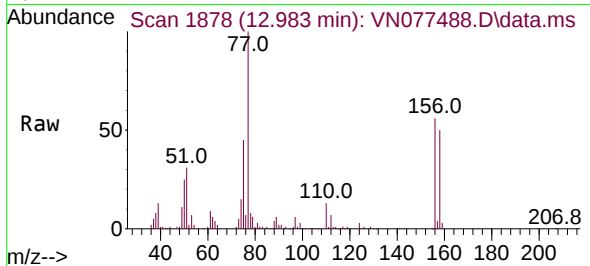
#77
Bromobenzene
Concen: 18.483 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01

Tgt Ion:156 Resp: 157198
Ion Ratio Lower Upper
156 100
77 210.1 107.7 323.3
158 94.3 48.4 145.3

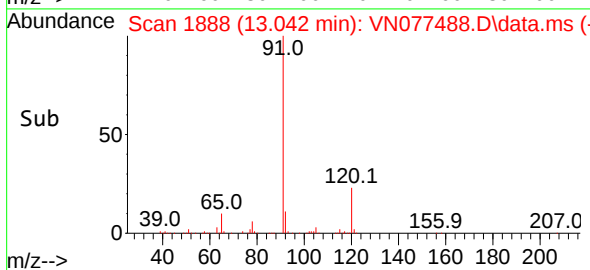
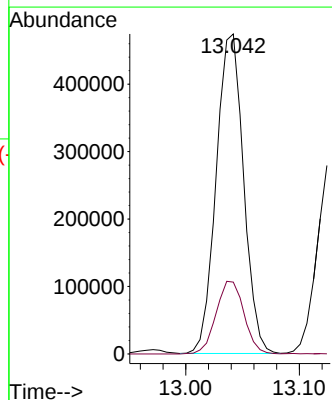
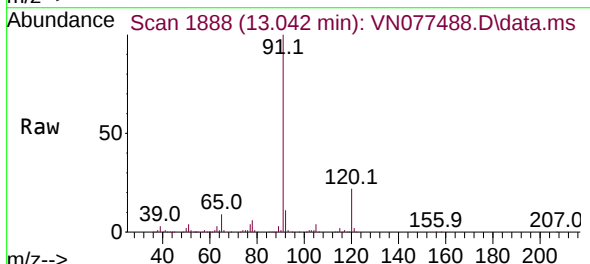
Manual Integrations
APPROVED

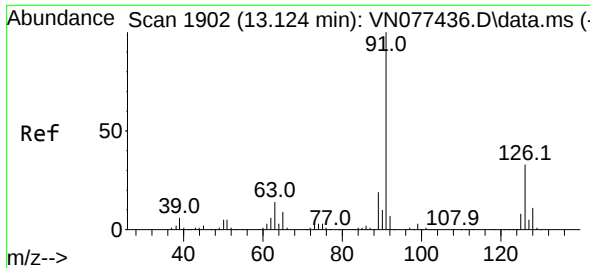
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#78
n-propylbenzene
Concen: 18.396 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion: 91 Resp: 793771
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





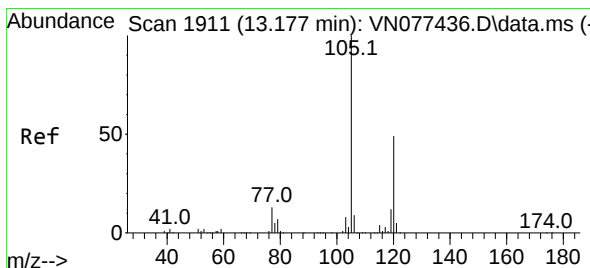
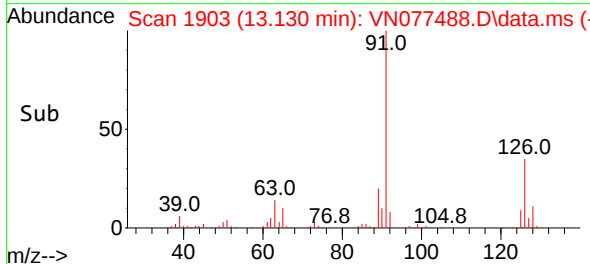
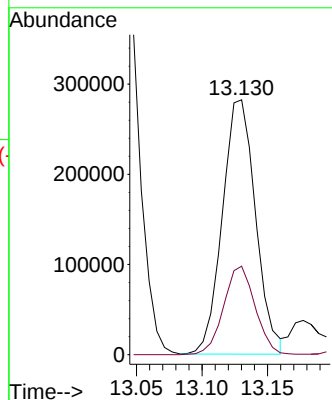
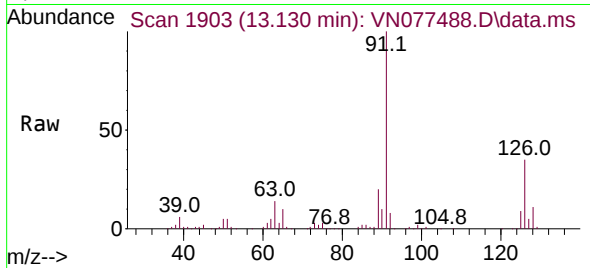
#79
2-Chlorotoluene
Concen: 18.692 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01

Tgt Ion: 91 Resp: 49726
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

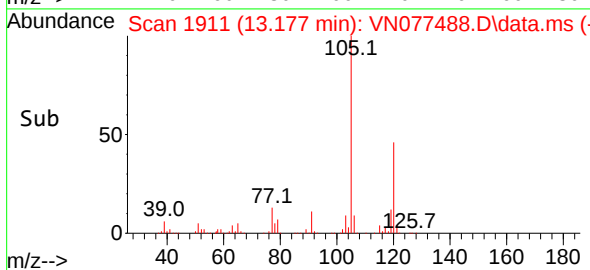
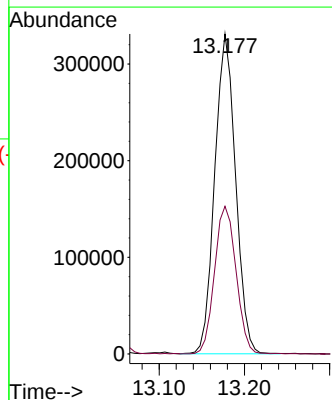
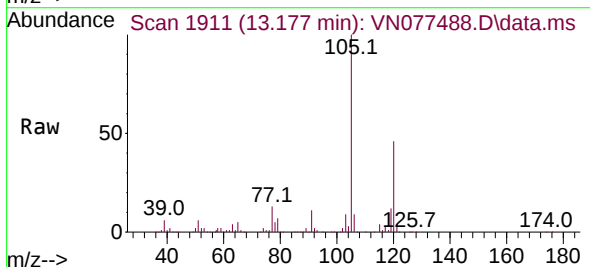
Manual Integrations
APPROVED

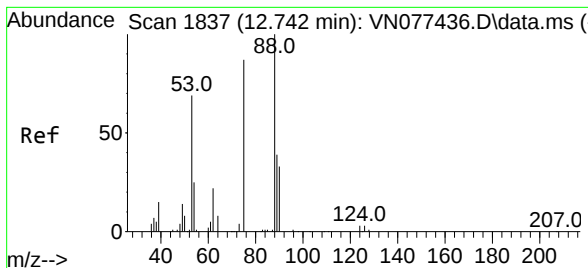
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.394 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

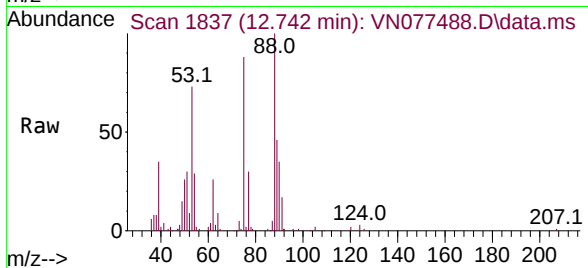
Tgt Ion:105 Resp: 562029
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.181 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

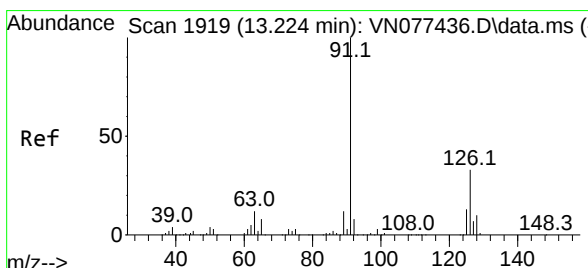
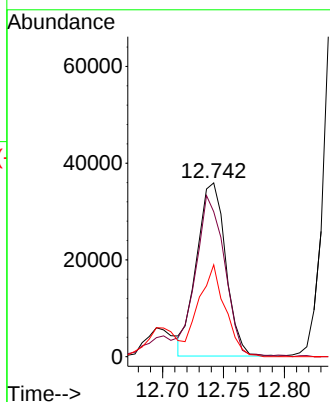
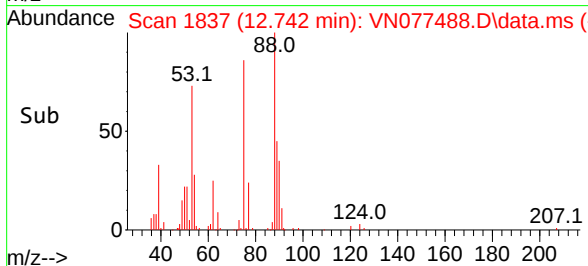
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



Tgt Ion: 75 Resp: 59469
Ion Ratio Lower Upper
75 100
53 105.2 67.4 101.2
89 47.7 38.8 58.2

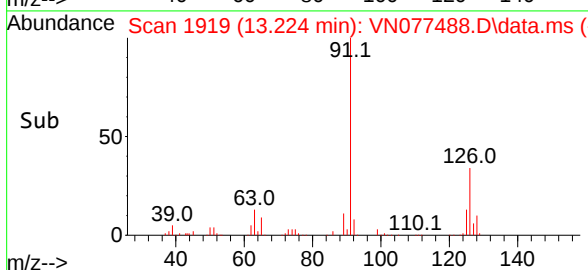
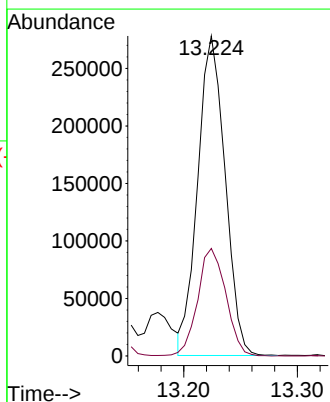
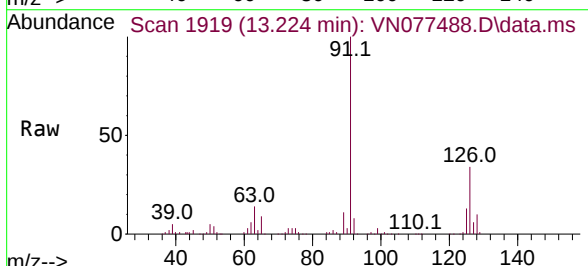
Manual Integrations
APPROVED

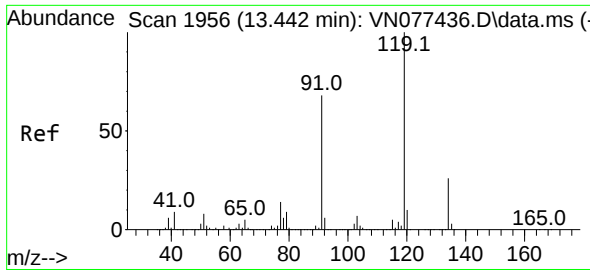
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
4-Chlorotoluene
Concen: 18.710 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Tgt Ion: 91 Resp: 465110
Ion Ratio Lower Upper
91 100
126 34.7 16.7 50.0





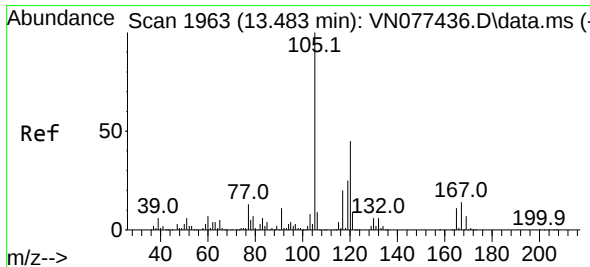
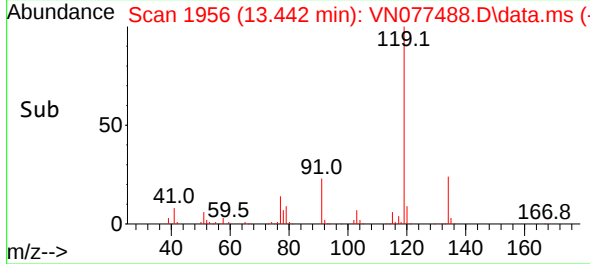
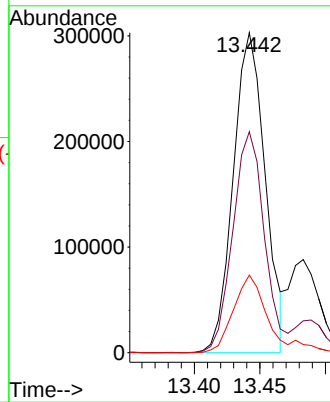
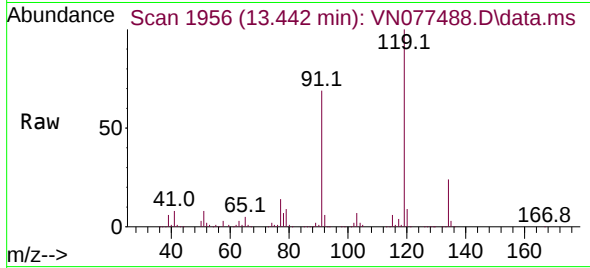
#83
tert-Butylbenzene
Concen: 18.234 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01

Tgt Ion:119 Resp: 513174
Ion Ratio Lower Upper
119 100
91 68.7 33.9 101.7
134 26.5 13.2 39.6

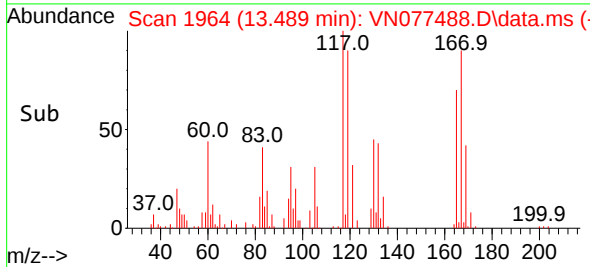
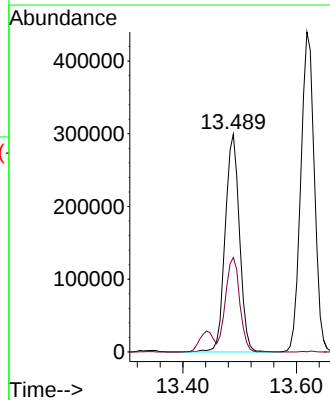
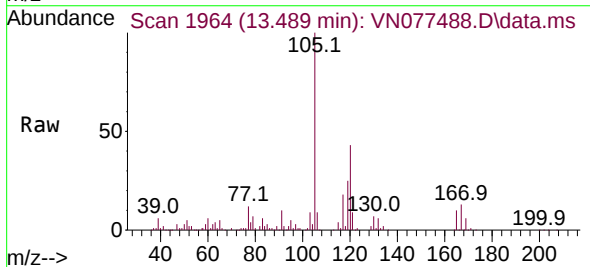
Manual Integrations
APPROVED

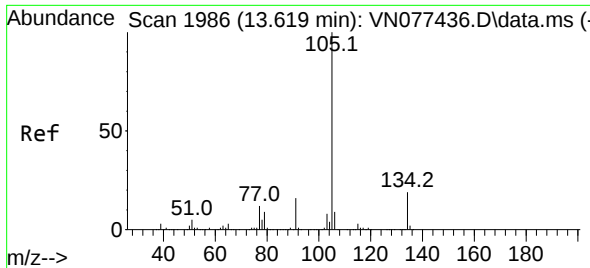
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.406 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

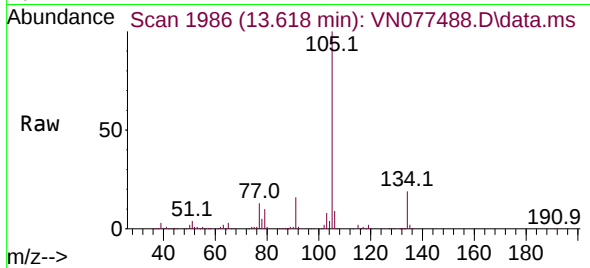
Tgt Ion:105 Resp: 525230
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.772 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077488.D
 Acq: 27 Apr 2023 11:11

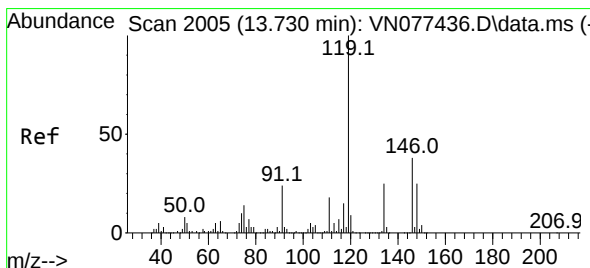
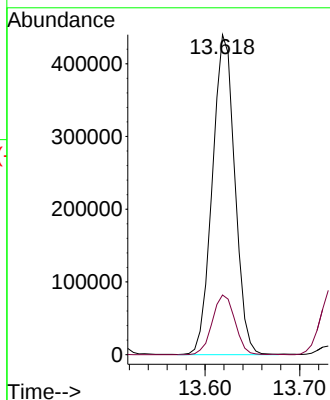
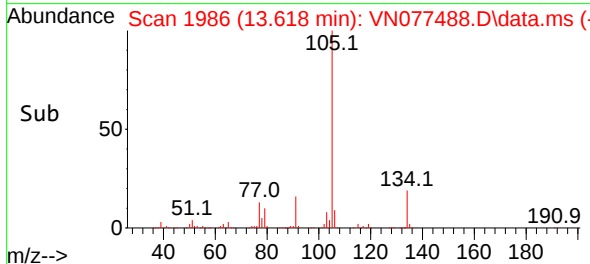
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBSD01



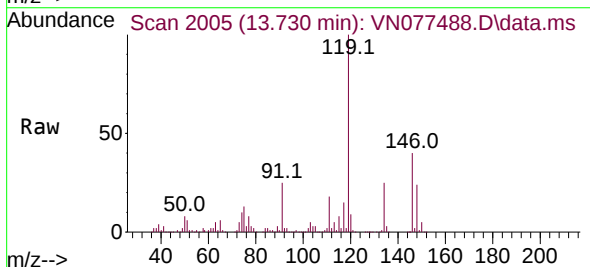
Tgt Ion:105 Resp: 725150
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3

Manual Integrations
 APPROVED

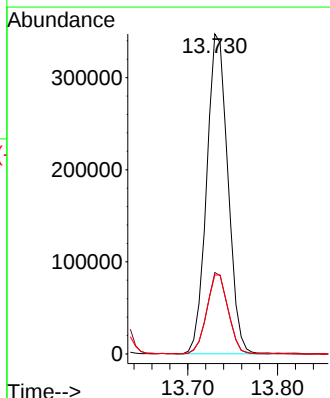
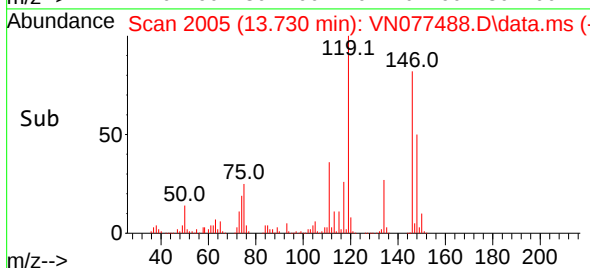
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

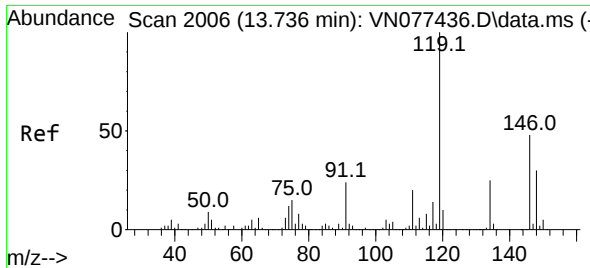


#86
 p-Isopropyltoluene
 Concen: 19.167 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077488.D
 Acq: 27 Apr 2023 11:11



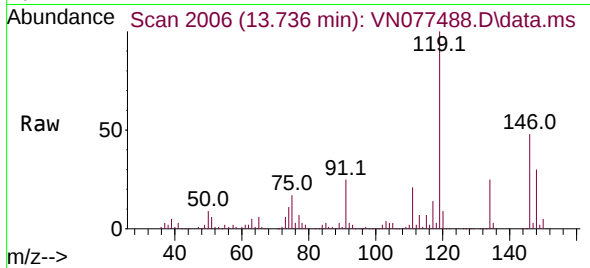
Tgt Ion:119 Resp: 569683
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.224 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

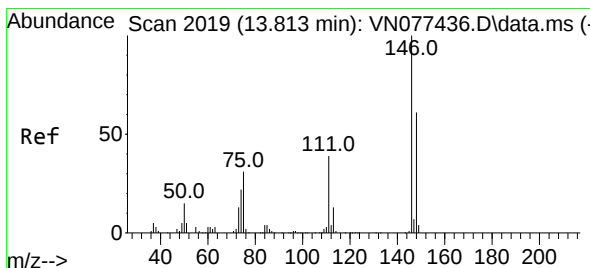
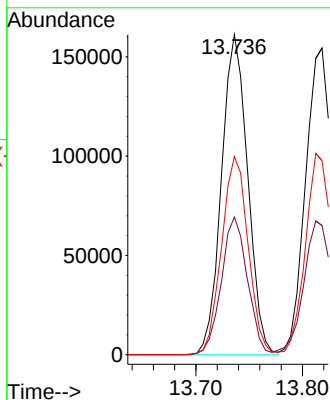
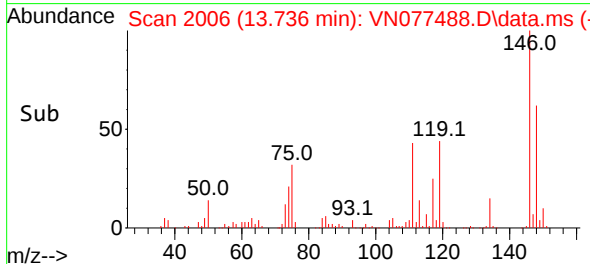
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



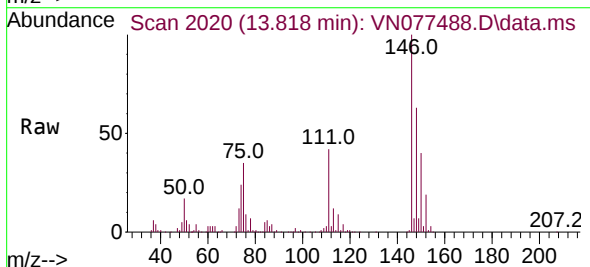
Tgt Ion:146 Resp: 27564
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.3
148 62.7 32.0 96.0

Manual Integrations
APPROVED

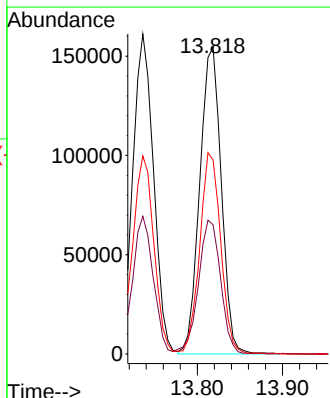
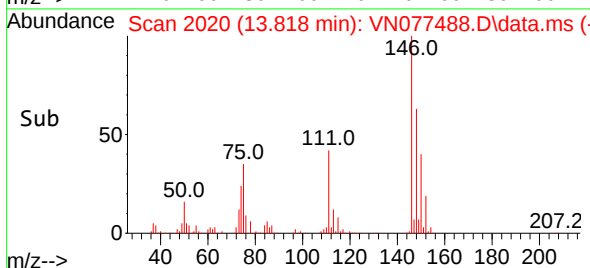
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

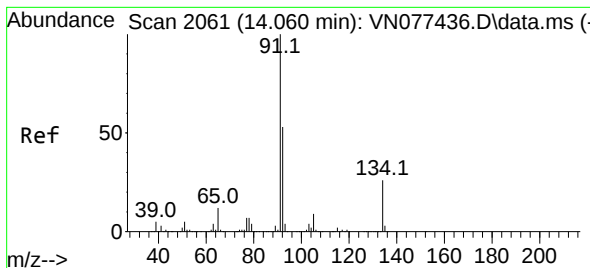


#88
1,4-Dichlorobenzene
Concen: 18.157 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



Tgt Ion:146 Resp: 271157
Ion Ratio Lower Upper
146 100
111 44.6 20.6 61.8
148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 18.628 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBSD01

Tgt Ion: 91 Resp: 428475

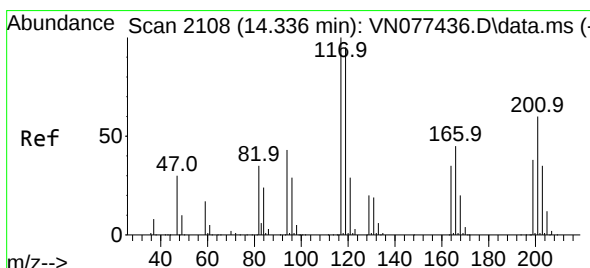
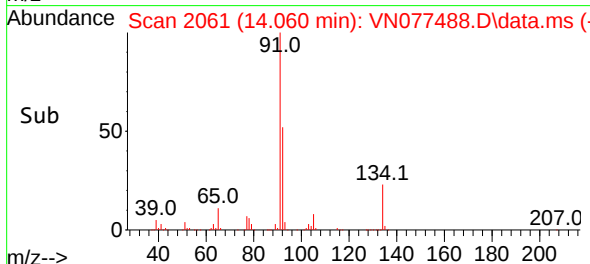
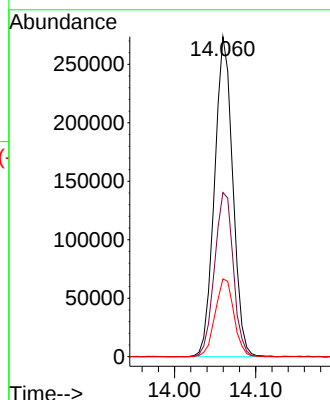
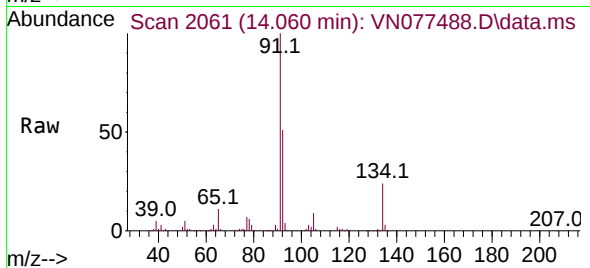
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	25.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#90

Hexachloroethane

Concen: 16.876 ug/l

RT: 14.336 min Scan# 2108

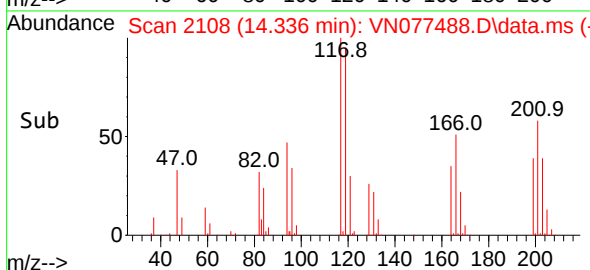
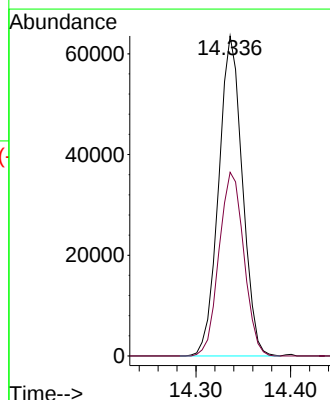
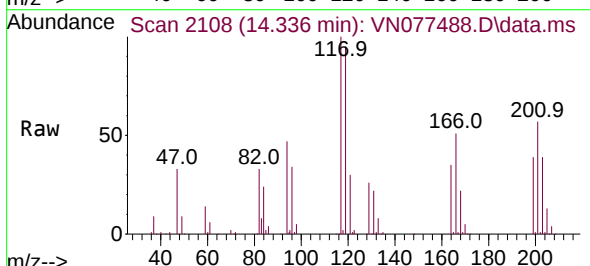
Delta R.T. -0.000 min

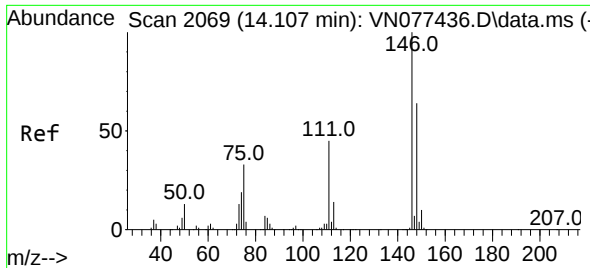
Lab File: VN077488.D

Acq: 27 Apr 2023 11:11

Tgt Ion:117 Resp: 110813

Ion	Ratio	Lower	Upper
117	100		
201	59.8	29.3	88.0





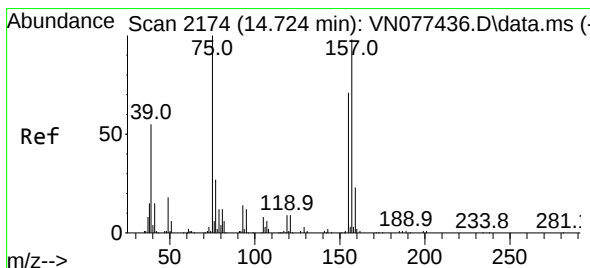
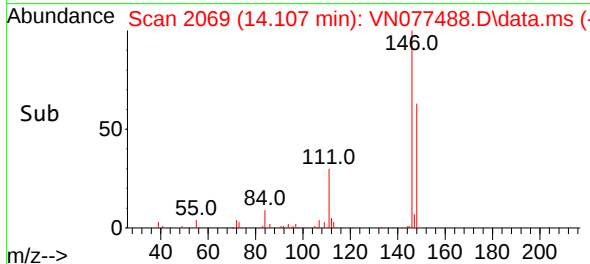
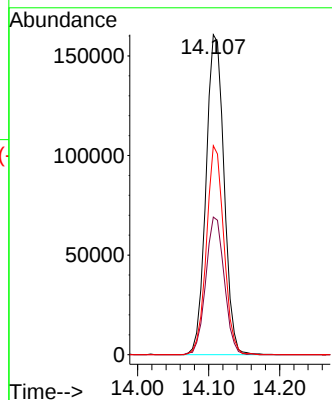
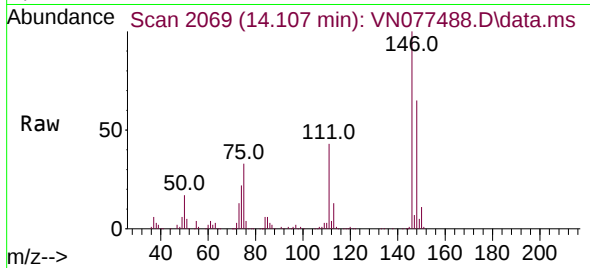
#91
1,2-Dichlorobenzene
Concen: 18.877 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01

Tgt Ion:146 Resp: 283189
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 63.0 31.8 95.3

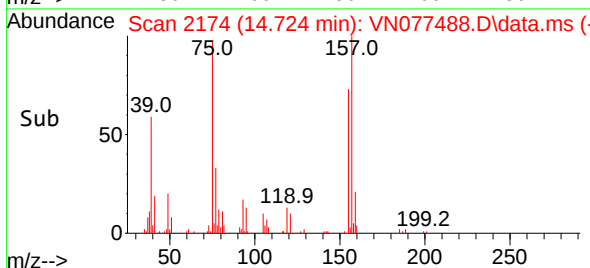
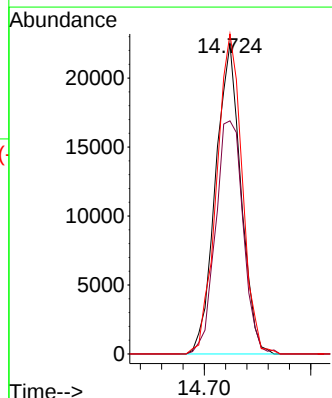
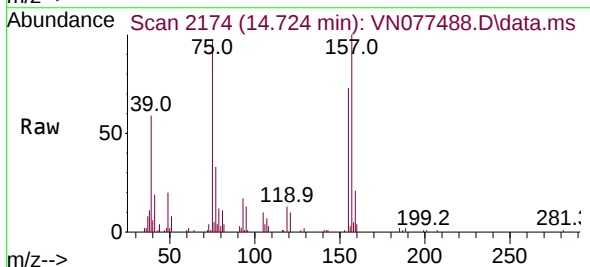
Manual Integrations
APPROVED

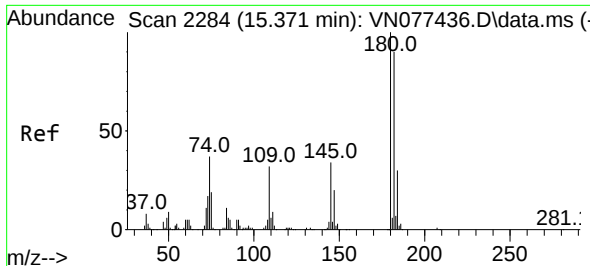
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.402 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

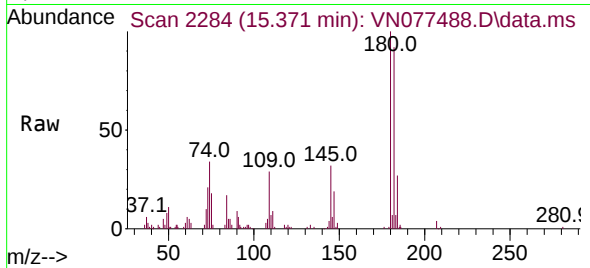
Tgt Ion: 75 Resp: 37189
Ion Ratio Lower Upper
75 100
155 81.7 39.1 117.2
157 104.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.717 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

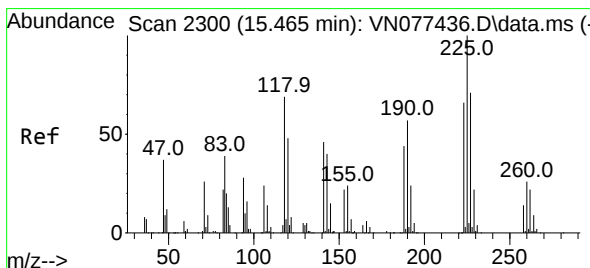
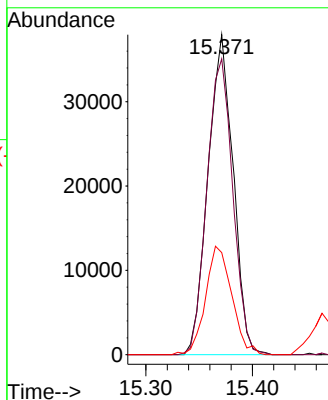
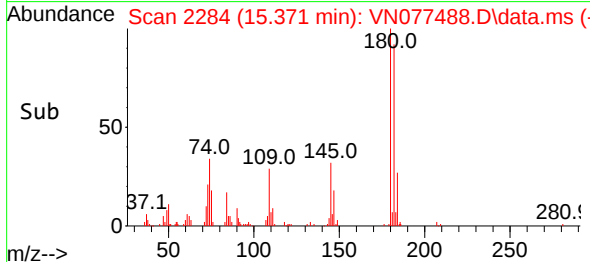
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



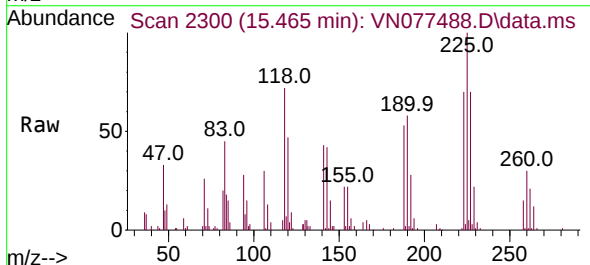
Tgt Ion:180 Resp: 6225
Ion Ratio Lower Upper
180 100
182 95.3 46.1 138.2
145 35.4 16.6 49.8

Manual Integrations
APPROVED

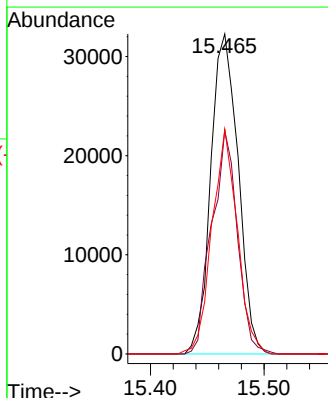
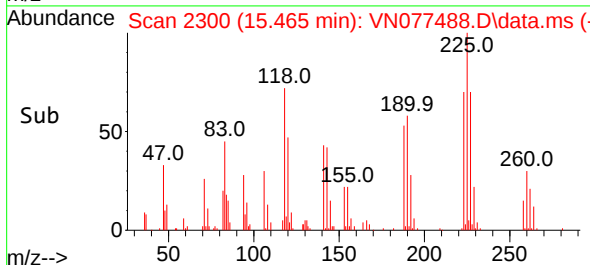
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

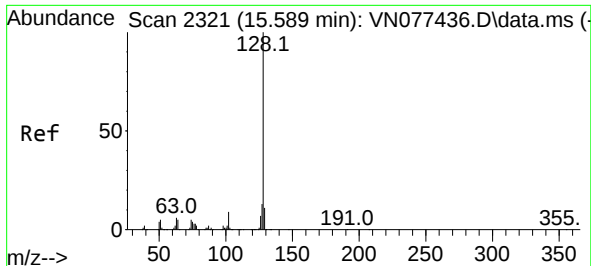


#94
Hexachlorobutadiene
Concen: 17.842 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



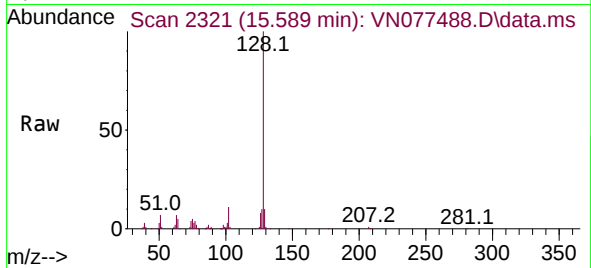
Tgt Ion:225 Resp: 54088
Ion Ratio Lower Upper
225 100
223 65.4 31.3 93.8
227 64.9 31.9 95.9





#95
Naphthalene
Concen: 18.058 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11

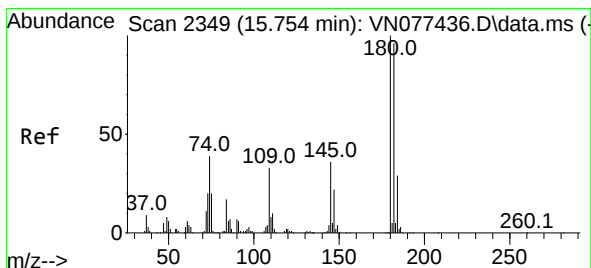
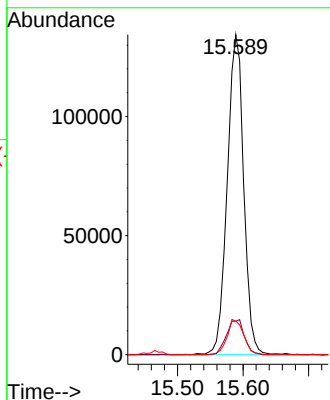
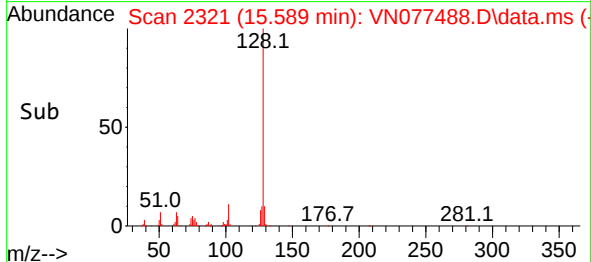
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBSD01



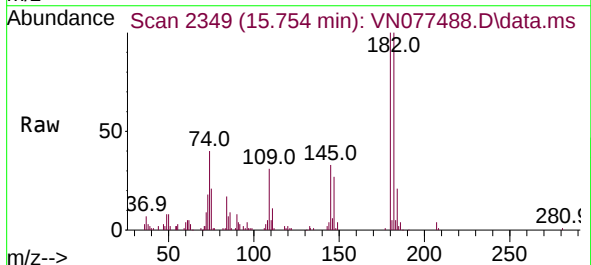
Tgt Ion:128 Resp: 234075
Ion Ratio Lower Upper
128 100
127 11.8 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.116 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077488.D
Acq: 27 Apr 2023 11:11



Tgt Ion:180 Resp: 60094
Ion Ratio Lower Upper
180 100
182 94.9 46.2 138.6
145 37.0 17.5 52.6

