

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077470.D
 Acq On : 25 Apr 2023 15:17
 Operator : JC\MD
 Sample : VN0425WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 04:18:22 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	8.225	168	648842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1171122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1041124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	428135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	444307	52.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.960%			
35) Dibromofluoromethane	8.172	113	374266	53.171	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	10.572	98	1501148	55.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.280%			
62) 4-Bromofluorobenzene	12.854	95	498208	56.446	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	165565	20.175	ug/l	99
3) Chloromethane	2.372	50	126053	19.381	ug/l	99
4) Vinyl Chloride	2.525	62	175004	20.198	ug/l	98
5) Bromomethane	2.960	94	150676	20.076	ug/l	96
6) Chloroethane	3.125	64	126848	19.270	ug/l	94
7) Trichlorofluoromethane	3.501	101	259944	20.412	ug/l	99
8) Diethyl Ether	3.972	74	89326	19.303	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	148513	20.053	ug/l	100
10) Methyl Iodide	4.595	142	177758	19.536	ug/l #	95
11) Tert butyl alcohol	5.537	59	126331	92.946	ug/l	99
12) 1,1-Dichloroethene	4.354	96	138726	19.159	ug/l	99
13) Acrolein	4.184	56	114040	84.342	ug/l	95
14) Allyl chloride	5.031	41	168755	20.962	ug/l	97
15) Acrylonitrile	5.731	53	302453	98.091	ug/l	99
16) Acetone	4.437	43	280899	104.285	ug/l	100
17) Carbon Disulfide	4.719	76	348362	18.933	ug/l	98
18) Methyl Acetate	5.037	43	205343	19.741	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	490865	20.384	ug/l	96
20) Methylene Chloride	5.289	84	161306	18.884	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	153346	19.585	ug/l	97
22) Diisopropyl ether	6.678	45	372078	20.138	ug/l	97
23) Vinyl Acetate	6.613	43	1138803	98.695	ug/l	97
24) 1,1-Dichloroethane	6.578	63	261660	20.007	ug/l	99
25) 2-Butanone	7.489	43	391004	102.346	ug/l	93
26) 2,2-Dichloropropane	7.501	77	263071	20.745	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	186087	20.068	ug/l	99
28) Bromochloromethane	7.813	49	95224	19.066	ug/l	95
29) Tetrahydrofuran	7.842	42	235524	98.394	ug/l	99
30) Chloroform	7.972	83	303121	20.566	ug/l	90
31) Cyclohexane	8.260	56	227140	18.938	ug/l	92
32) 1,1,1-Trichloroethane	8.172	97	277001	20.442	ug/l	97
36) 1,1-Dichloropropene	8.378	75	219620	21.596	ug/l	99
37) Ethyl Acetate	7.566	43	151160	19.561	ug/l	99
38) Carbon Tetrachloride	8.366	117	240349	21.421	ug/l	94
39) Methylcyclohexane	9.607	83	289607	21.615	ug/l	99
40) Benzene	8.607	78	656347	21.187	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	82192	20.422	ug/l	98
42) 1,2-Dichloroethane	8.678	62	221051	20.775	ug/l	98
43) Isopropyl Acetate	8.695	43	285197	21.333	ug/l	99
44) Trichloroethene	9.354	130	173017	21.813	ug/l	96
45) 1,2-Dichloropropane	9.624	63	149832	20.647	ug/l	98
46) Dibromomethane	9.713	93	118357	20.100	ug/l	97
47) Bromodichloromethane	9.889	83	239956	21.068	ug/l	100
48) Methyl methacrylate	9.683	41	121155	19.910	ug/l	95
49) 1,4-Dioxane	9.701	88	60793	398.282	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	806066	102.798	ug/l	99
52) Toluene	10.630	92	443061	21.831	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	249230	21.610	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	269715	21.485	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	173031	21.202	ug/l	97
56) Ethyl methacrylate	10.877	69	243952	21.333	ug/l	96
57) 1,3-Dichloropropane	11.166	76	283434	21.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	316958	81.946	ug/l	98
59) 2-Hexanone	11.195	43	598171	104.947	ug/l	98
60) Dibromochloromethane	11.360	129	178605	21.087	ug/l	98
61) 1,2-Dibromoethane	11.471	107	176070	21.132	ug/l	96
64) Tetrachloroethene	11.107	164	133718	21.456	ug/l	92
65) Chlorobenzene	11.895	112	457828	20.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	171576	21.406	ug/l	99
67) Ethyl Benzene	11.966	91	843427	21.747	ug/l	98
68) m/p-Xylenes	12.071	106	657498	43.620	ug/l	99
69) o-Xylene	12.401	106	326654	22.032	ug/l	100
70) Styrene	12.413	104	506995	21.866	ug/l	100
71) Bromoform	12.577	173	113369	21.619	ug/l #	96
73) Isopropylbenzene	12.695	105	840006	21.143	ug/l	100
74) N-amyl acetate	12.495	43	226001	19.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	248317	19.892	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	177991m	17.878	ug/l	
77) Bromobenzene	12.983	156	175368	20.254	ug/l	98
78) n-propylbenzene	13.036	91	945766	21.530	ug/l	99
79) 2-Chlorotoluene	13.130	91	568167	20.978	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	663093	22.475	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	80763	22.918	ug/l	96
82) 4-Chlorotoluene	13.224	91	542810	21.448	ug/l	99
83) tert-Butylbenzene	13.442	119	596703	20.826	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	613254	22.256	ug/l	96
85) sec-Butylbenzene	13.618	105	849733	21.606	ug/l	100
86) p-Isopropyltoluene	13.730	119	661558	21.863	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	316932	20.582	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	313637	20.628	ug/l	98
89) n-Butylbenzene	14.060	91	519134	22.169	ug/l	98
90) Hexachloroethane	14.336	117	132287	19.789	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	319548	20.923	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	45589	19.749	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	81732	21.750	ug/l	99
94) Hexachlorobutadiene	15.465	225	66229	21.459	ug/l	99
95) Naphthalene	15.589	128	290520	21.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	75996	21.608	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

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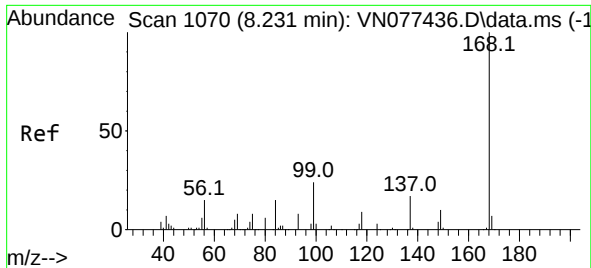
Manual Integrations
APPROVED

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



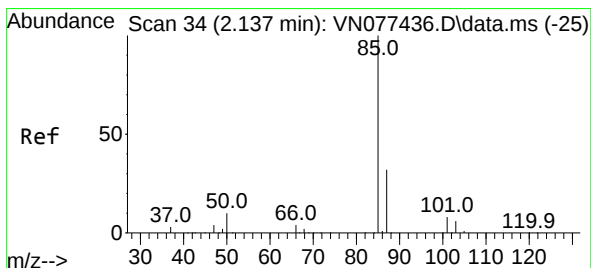
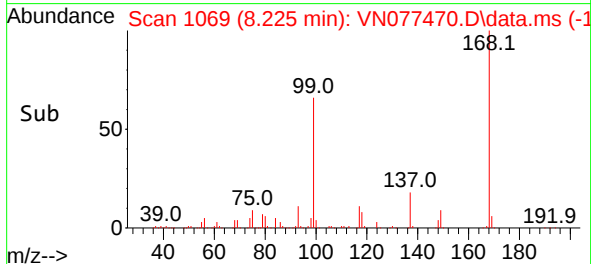
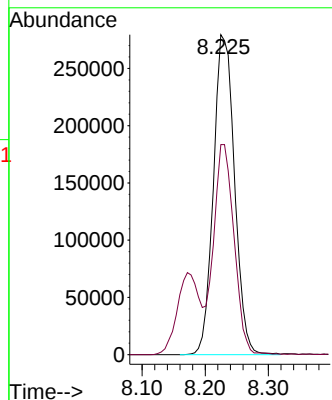
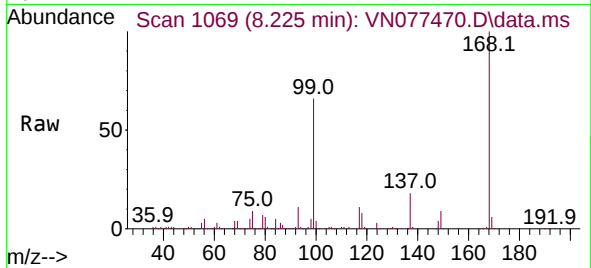
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
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Tgt Ion:168 Resp: 64884
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6

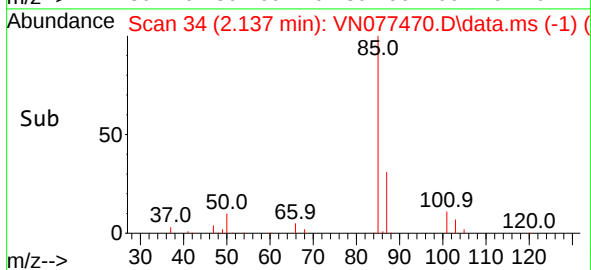
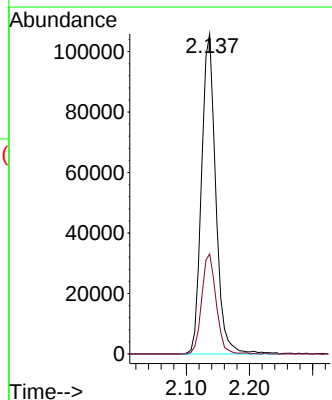
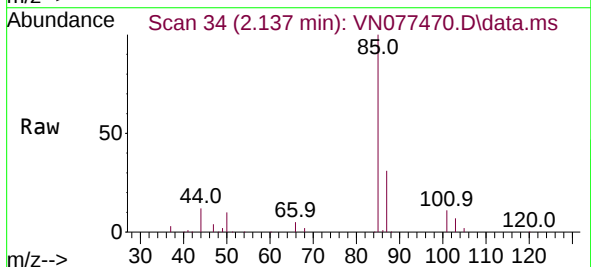
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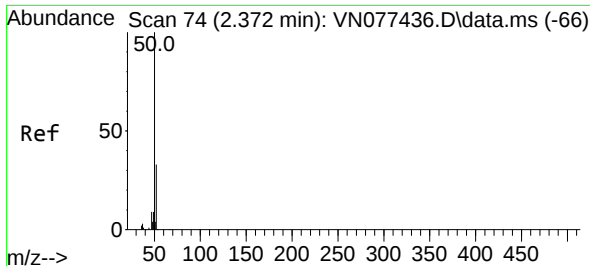
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#2
Dichlorodifluoromethane
Concen: 20.175 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

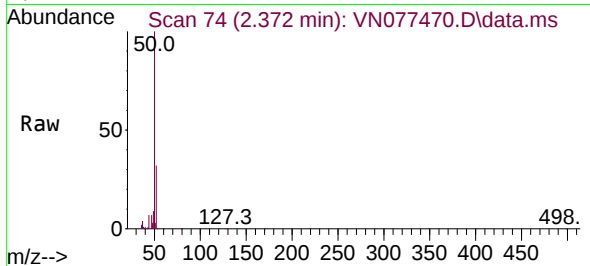
Tgt Ion: 85 Resp: 165565
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





#3
Chloromethane
Concen: 19.381 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

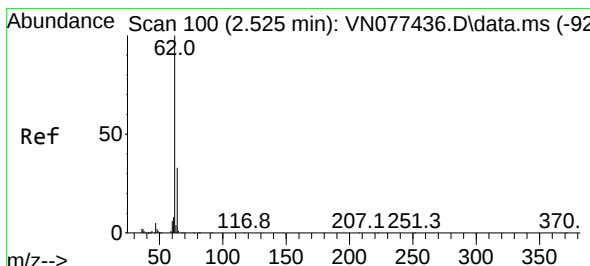
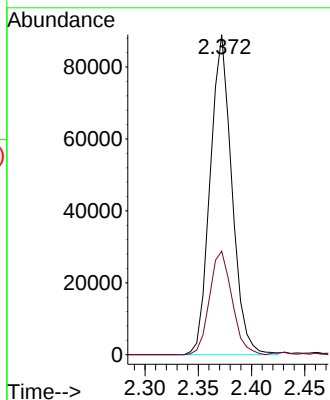
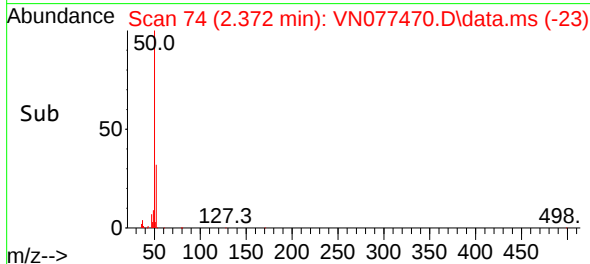
Instrument :
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Tgt Ion: 50 Resp: 12605
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

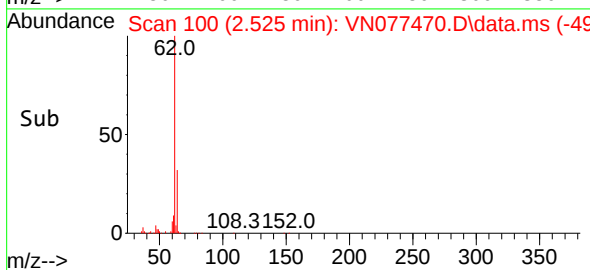
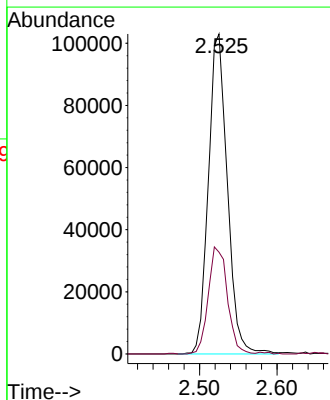
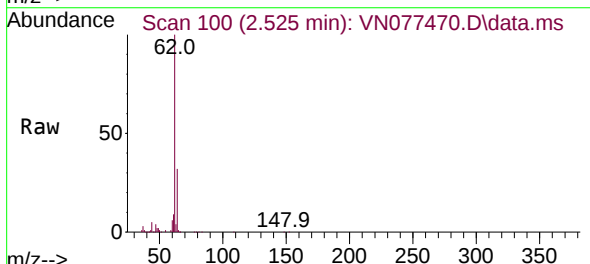
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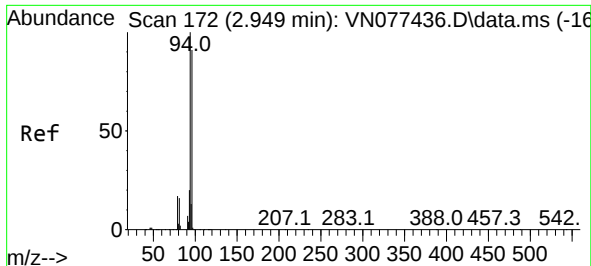
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#4
Vinyl Chloride
Concen: 20.198 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077470.D
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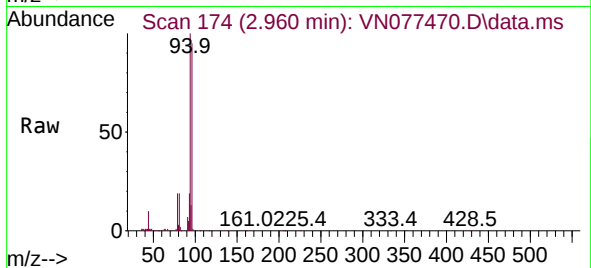
Tgt Ion: 62 Resp: 175004
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 20.076 ug/l
RT: 2.960 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

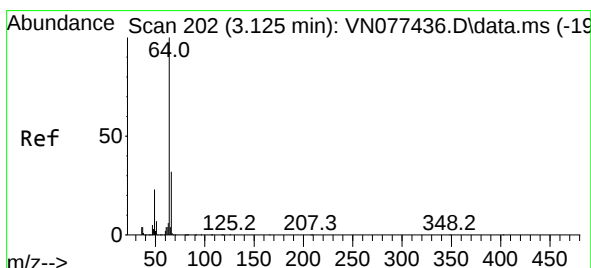
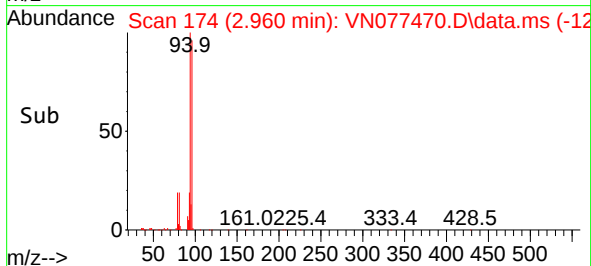
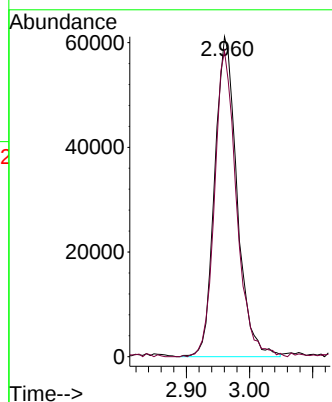
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Tgt Ion: 94 Resp: 150670
Ion Ratio Lower Upper
94 100
96 95.5 73.1 109.7

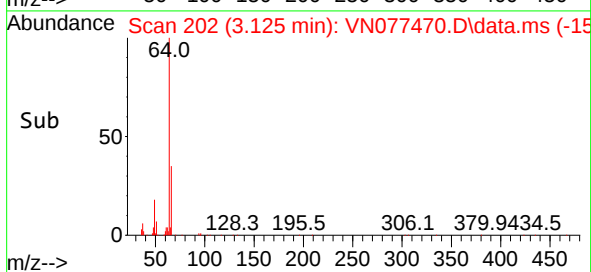
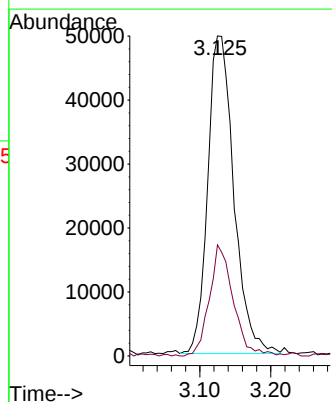
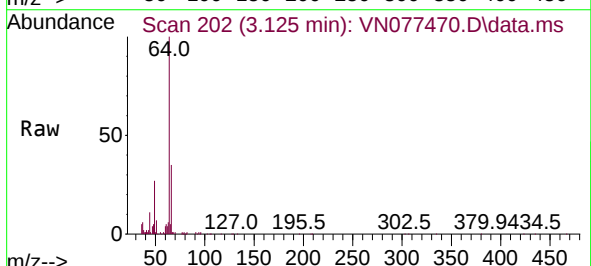
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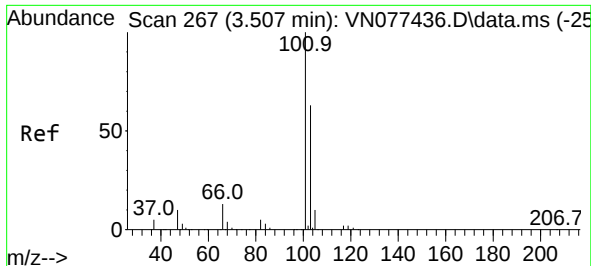
Reviewed By :John Carlone 04/26/2023
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#6
Chloroethane
Concen: 19.270 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
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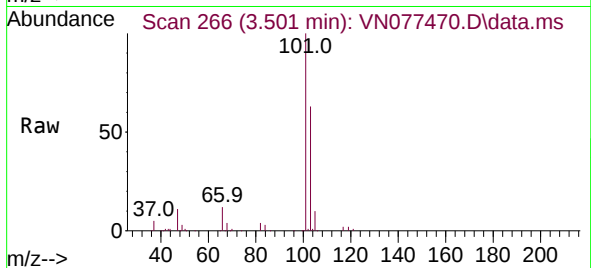
Tgt Ion: 64 Resp: 126848
Ion Ratio Lower Upper
64 100
66 35.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.412 ug/l
RT: 3.501 min Scan# 267
Delta R.T. -0.006 min
Lab File: VN077470.D
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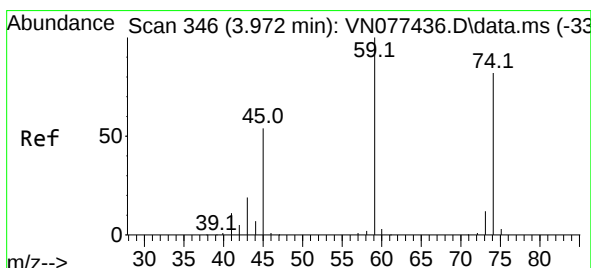
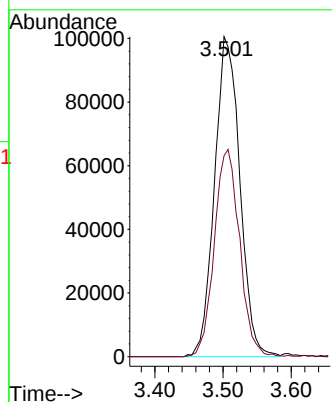
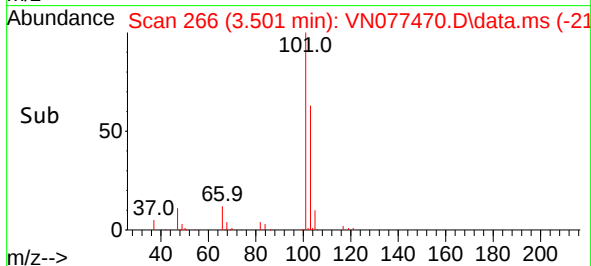
Instrument :
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Tgt Ion:101 Resp: 259944
Ion Ratio Lower Upper
101 100
103 62.8 50.7 76.1

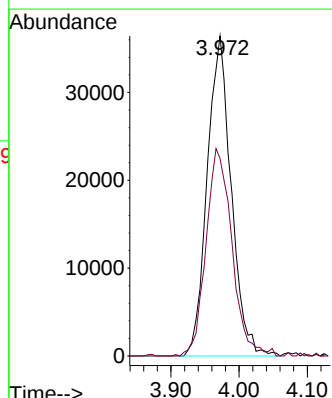
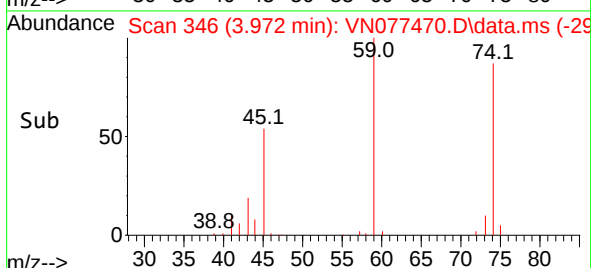
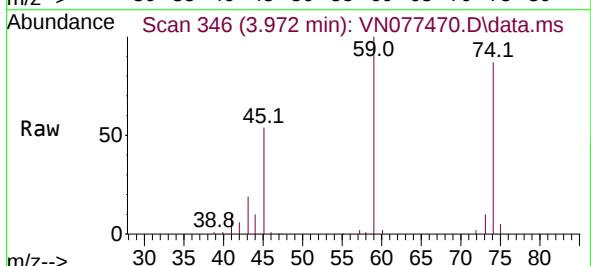
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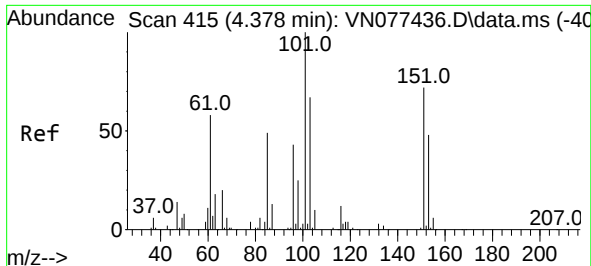
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#8
Diethyl Ether
Concen: 19.303 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 89326
Ion Ratio Lower Upper
74 100
45 70.0 34.4 103.3





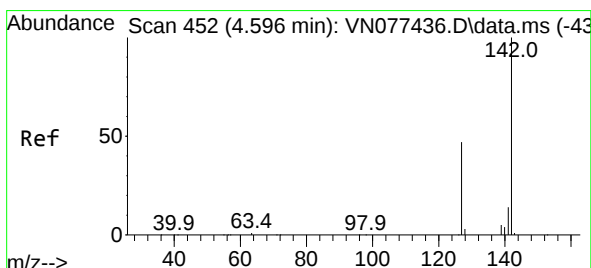
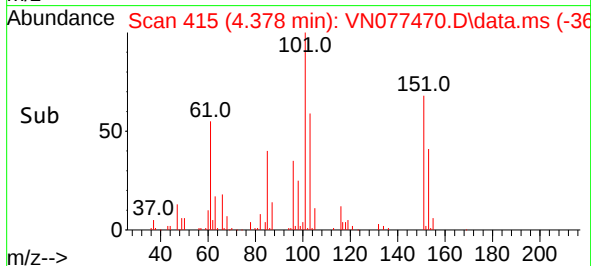
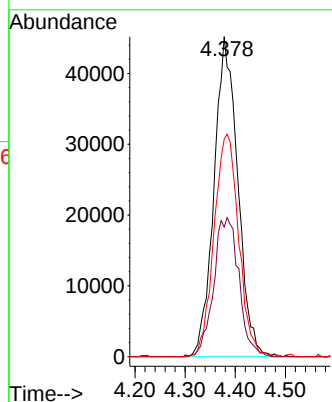
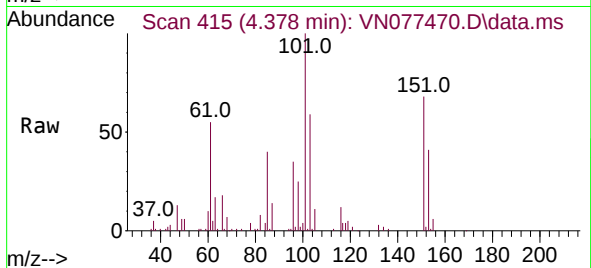
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.053 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion:101 Resp: 14851
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 72.1 57.6 86.4

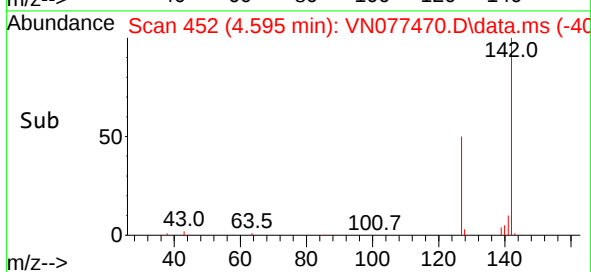
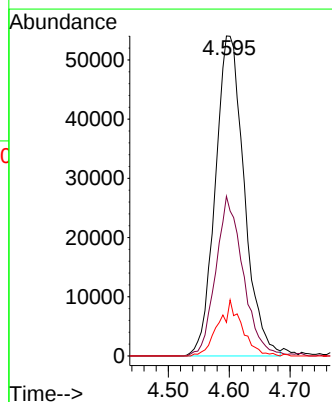
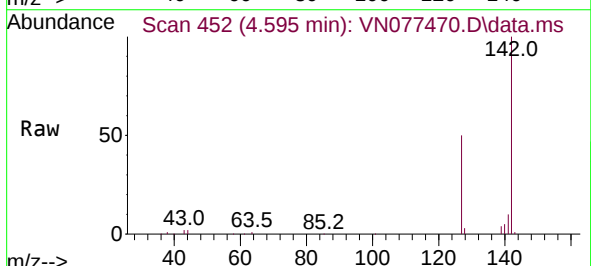
Manual Integrations
APPROVED

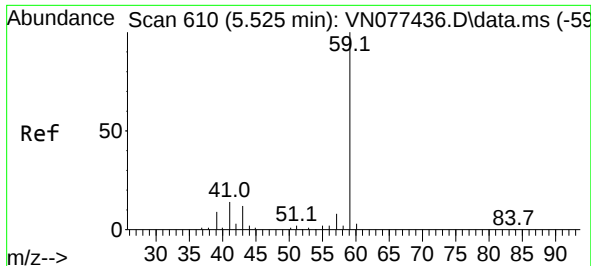
Reviewed By :John Carbone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#10
Methyl Iodide
Concen: 19.536 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

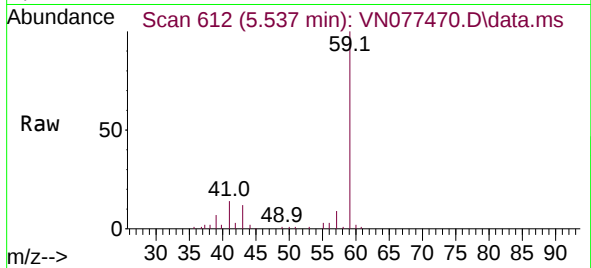
Tgt Ion:142 Resp: 177758
Ion Ratio Lower Upper
142 100
127 49.9 37.6 56.4
141 10.5 11.4 17.0#





#11
Tert butyl alcohol
Concen: 92.946 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

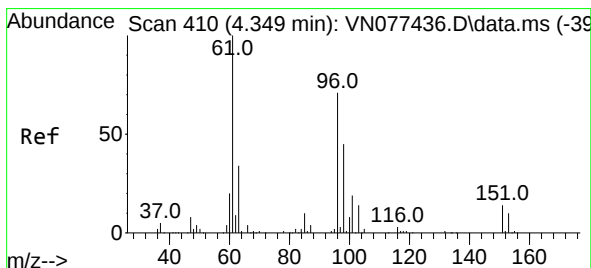
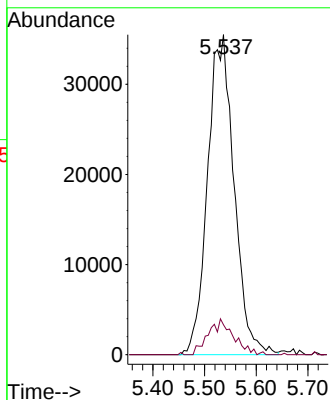
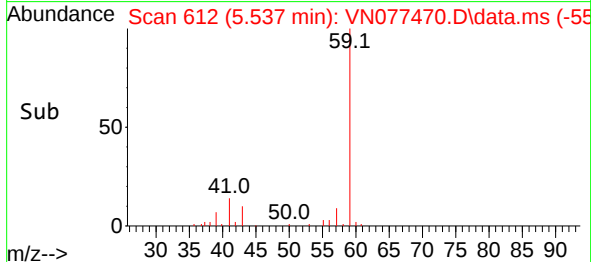
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



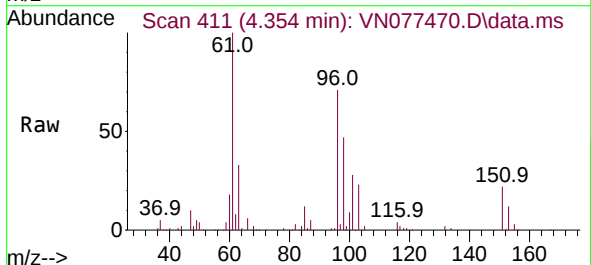
Tgt Ion: 59 Resp: 12633
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

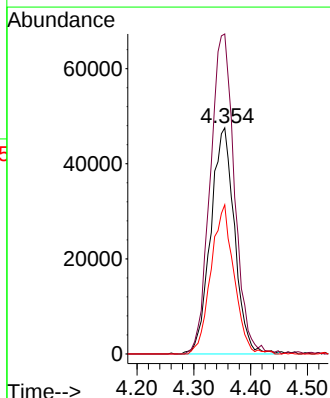
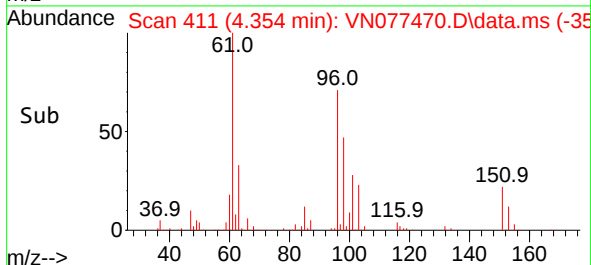
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

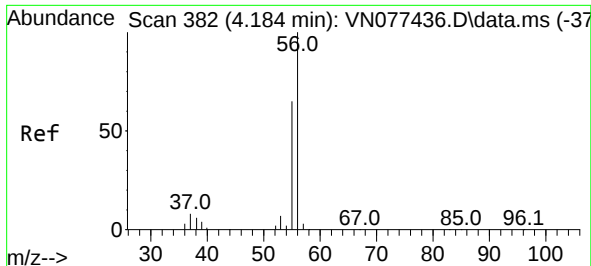


#12
1,1-Dichloroethene
Concen: 19.159 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



Tgt Ion: 96 Resp: 138726
Ion Ratio Lower Upper
96 100
61 141.6 112.7 169.1
98 65.9 51.2 76.8





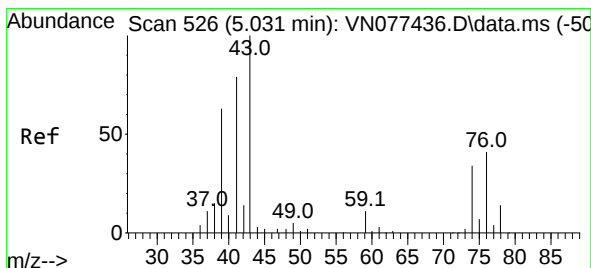
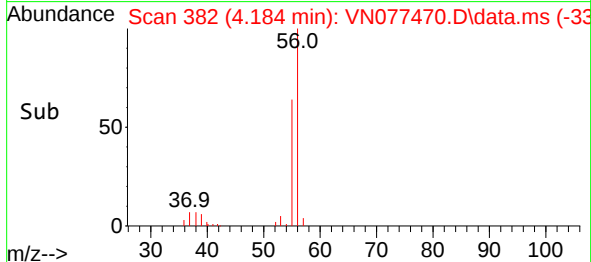
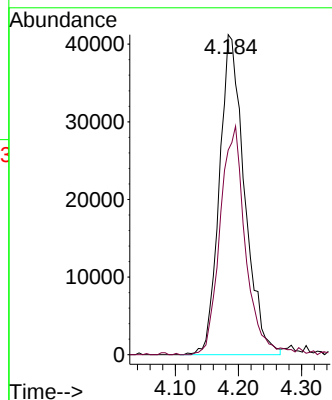
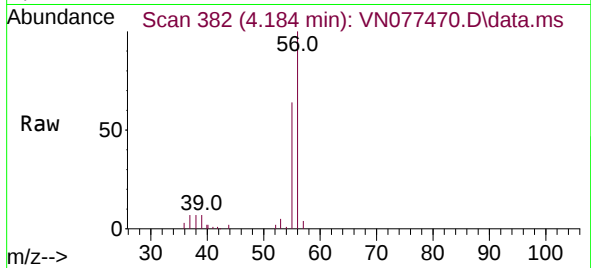
#13
Acrolein
Concen: 84.342 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 56 Resp: 114040
Ion Ratio Lower Upper
56 100
55 72.0 54.5 81.7

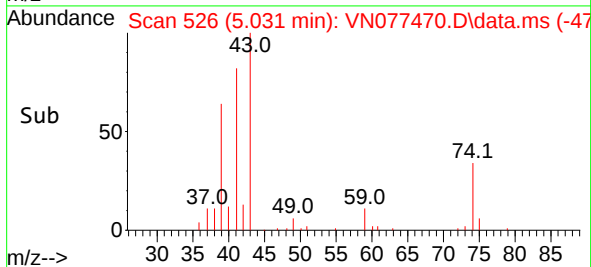
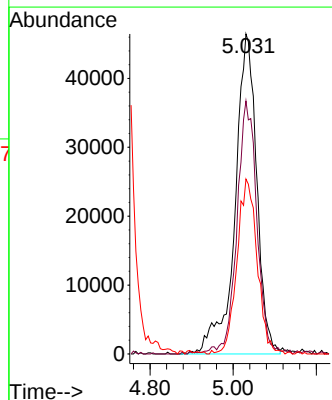
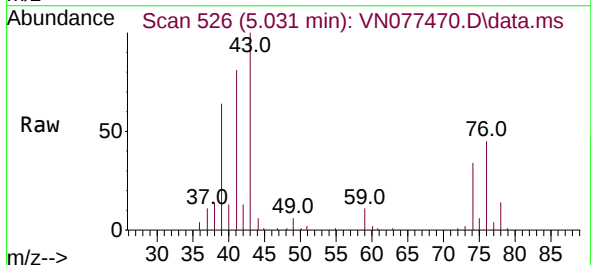
Manual Integrations
APPROVED

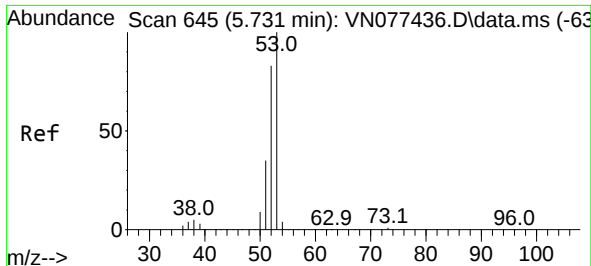
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Allyl chloride
Concen: 20.962 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

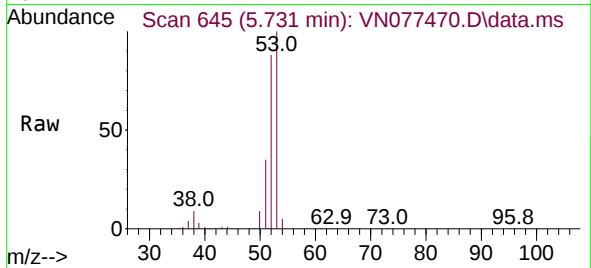
Tgt Ion: 41 Resp: 168755
Ion Ratio Lower Upper
41 100
39 70.9 58.8 88.2
76 50.5 39.1 58.7





#15
Acrylonitrile
Concen: 98.091 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

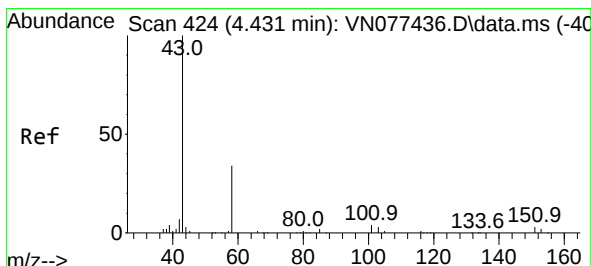
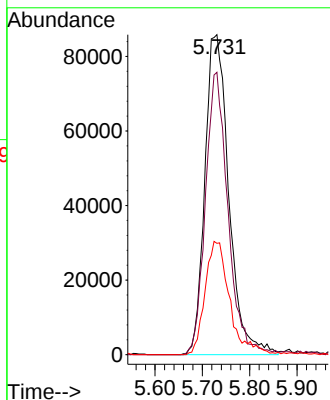
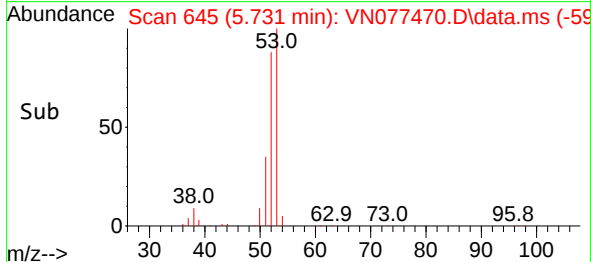
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



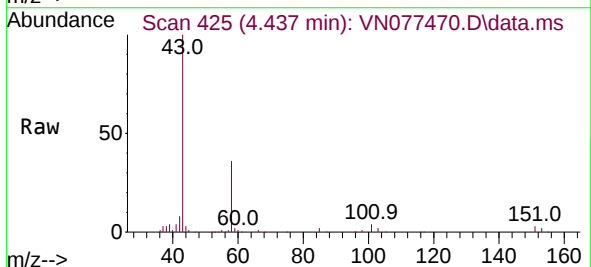
Tgt Ion: 53 Resp: 30245
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
APPROVED

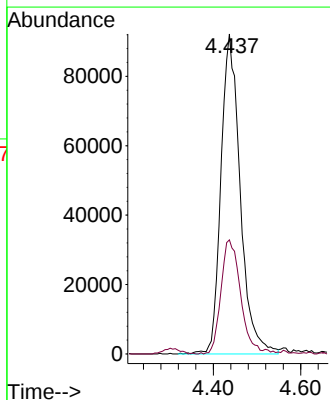
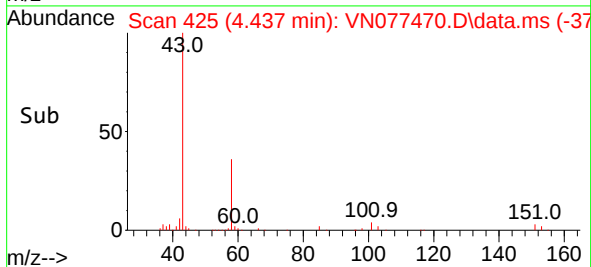
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

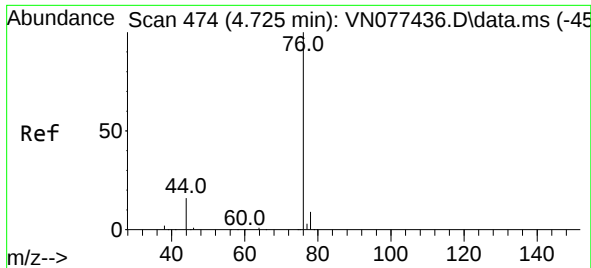


#16
Acetone
Concen: 104.285 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



Tgt Ion: 43 Resp: 280899
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





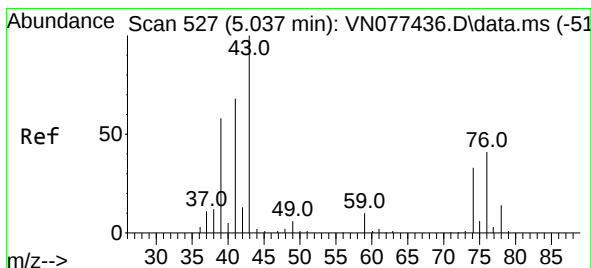
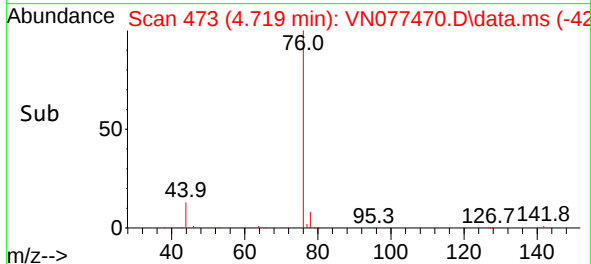
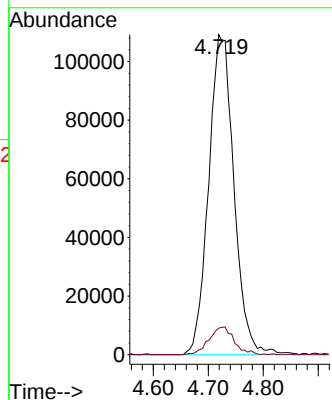
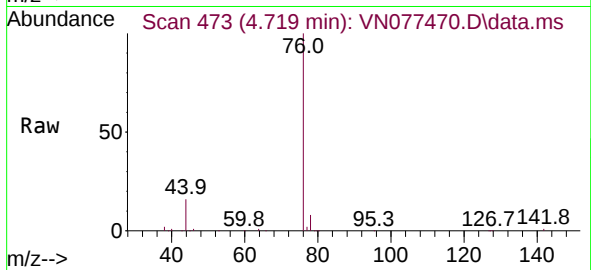
#17
Carbon Disulfide
Concen: 18.933 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 76 Resp: 348362
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

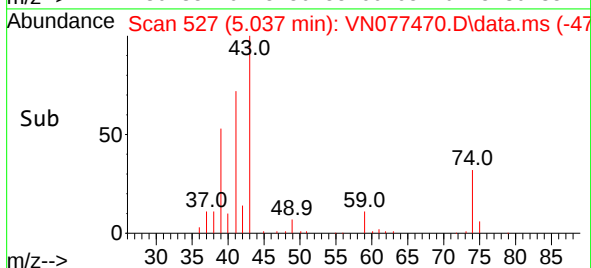
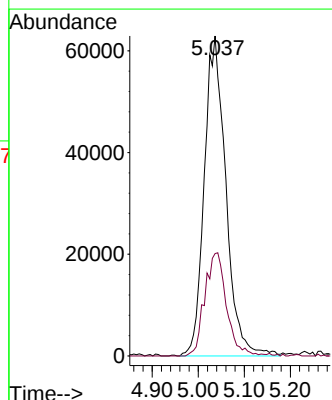
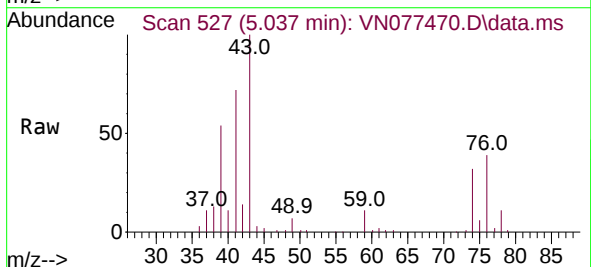
Manual Integrations
APPROVED

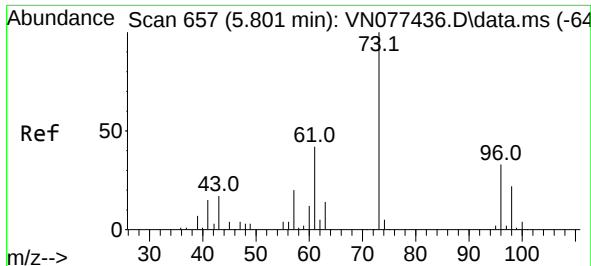
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#18
Methyl Acetate
Concen: 19.741 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

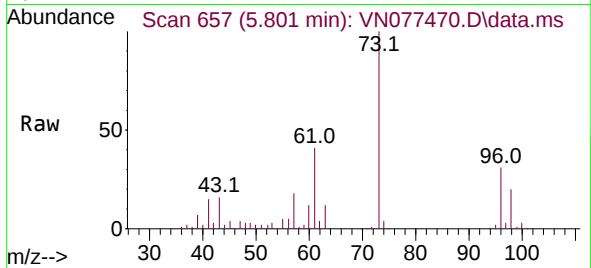
Tgt Ion: 43 Resp: 205343
Ion Ratio Lower Upper
43 100
74 32.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.384 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

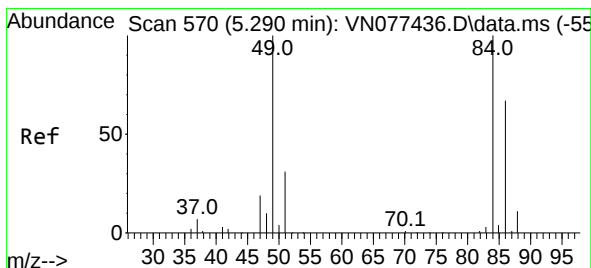
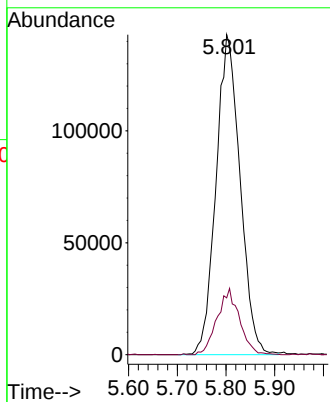
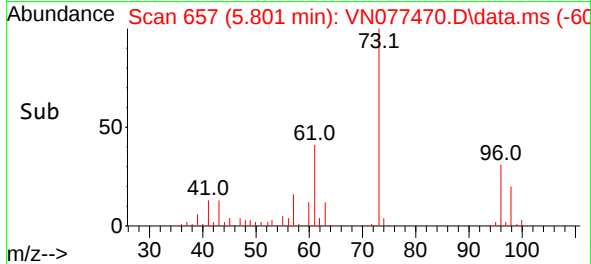
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 73 Resp: 49086
Ion Ratio Lower Upper
73 100
57 17.8 15.6 23.4

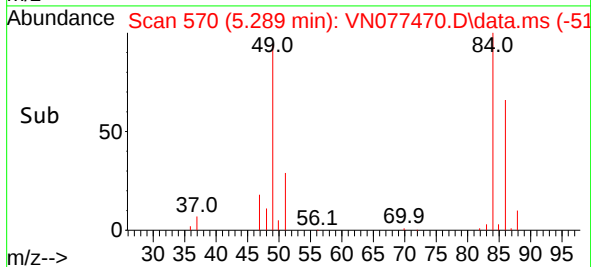
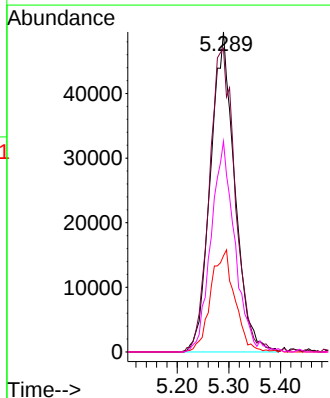
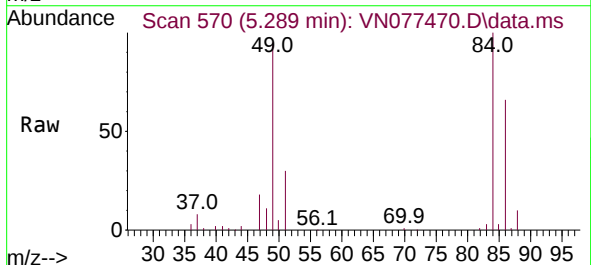
Manual Integrations
APPROVED

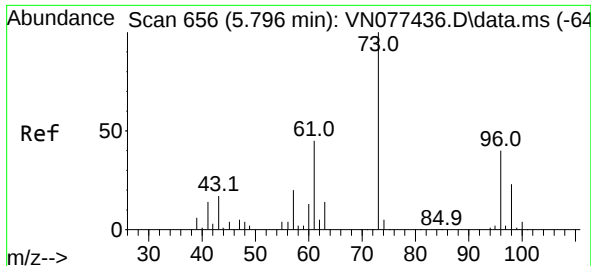
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 18.884 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

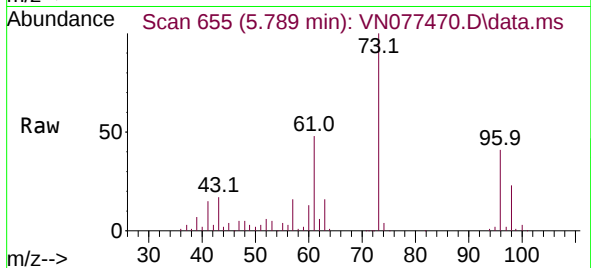
Tgt Ion: 84 Resp: 161306
Ion Ratio Lower Upper
84 100
49 94.9 79.7 119.5
51 30.0 25.2 37.8
86 65.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.585 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

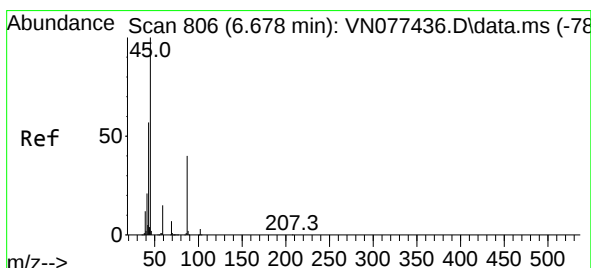
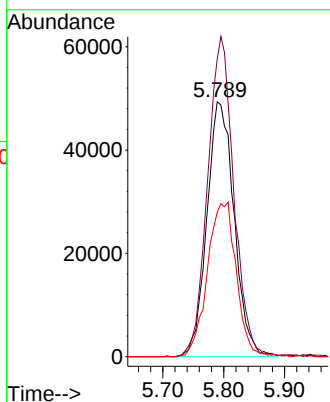
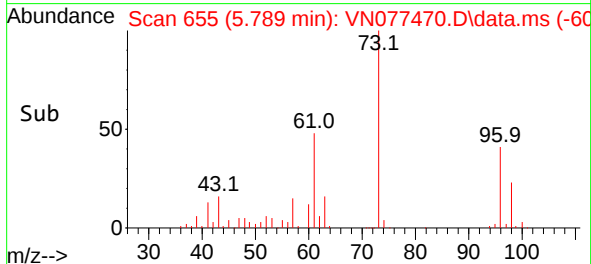
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 96 Resp: 153340
Ion Ratio Lower Upper
96 100
61 116.5 90.1 135.1
98 56.7 46.4 69.6

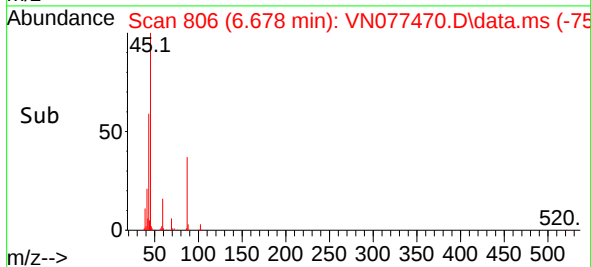
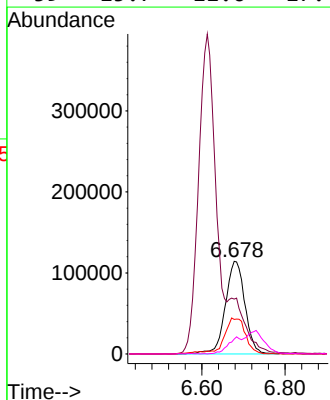
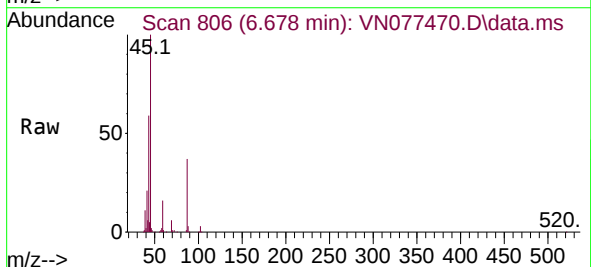
Manual Integrations
APPROVED

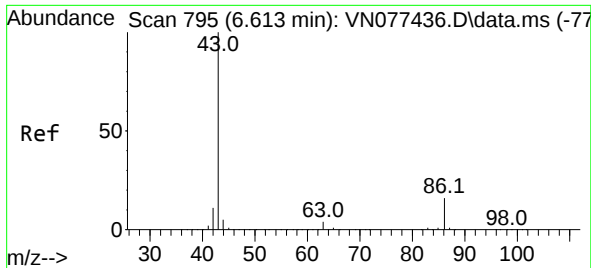
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#22
Diisopropyl ether
Concen: 20.138 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Tgt Ion: 45 Resp: 372078
Ion Ratio Lower Upper
45 100
43 58.8 45.5 68.3
87 37.2 31.8 47.8
59 15.7 11.6 17.4





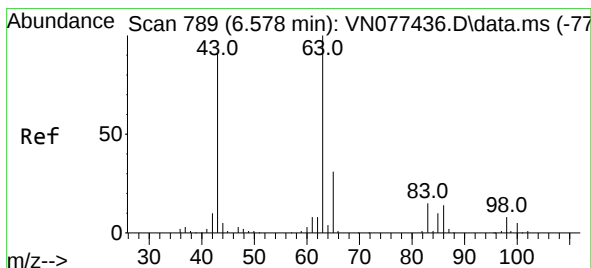
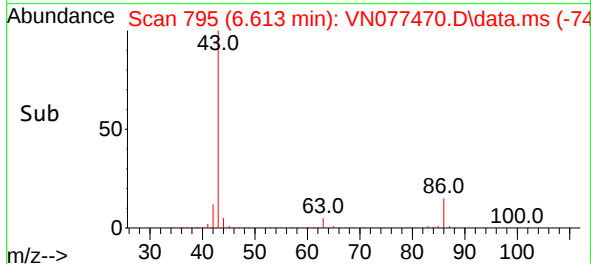
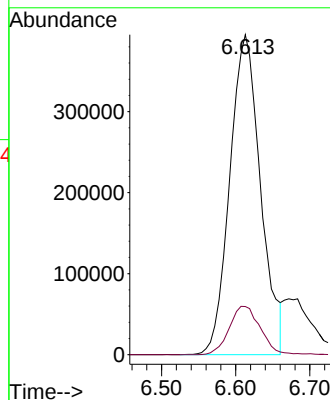
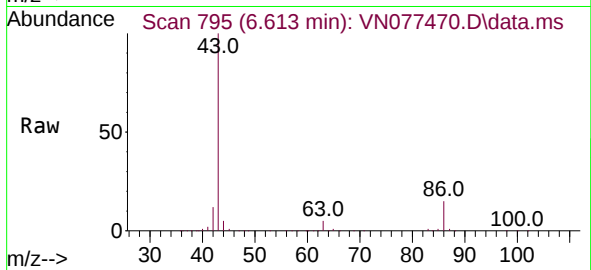
#23
 Vinyl Acetate
 Concen: 98.695 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077470.D
 Acq: 25 Apr 2023 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Tgt Ion: 43 Resp: 113880
 Ion Ratio Lower Upper
 43 100
 86 15.0 13.0 19.6

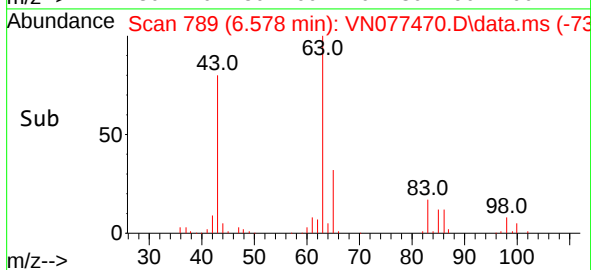
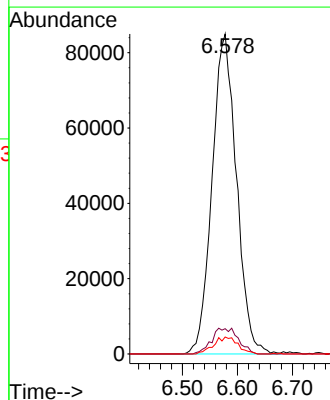
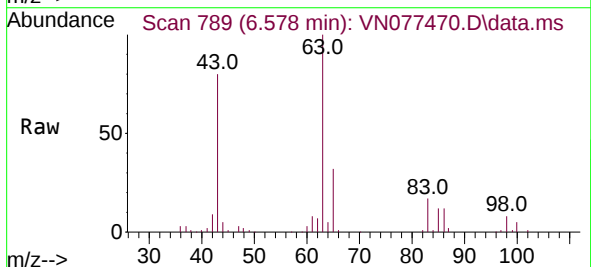
Manual Integrations
 APPROVED

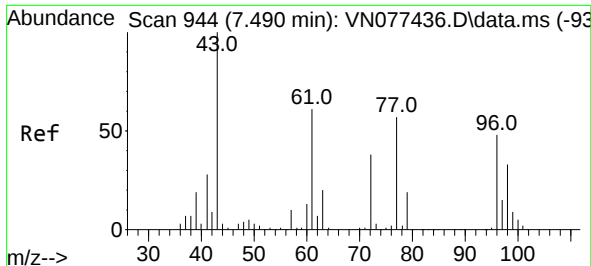
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#24
 1,1-Dichloroethane
 Concen: 20.007 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077470.D
 Acq: 25 Apr 2023 15:17

Tgt Ion: 63 Resp: 261660
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.3 2.5 7.4





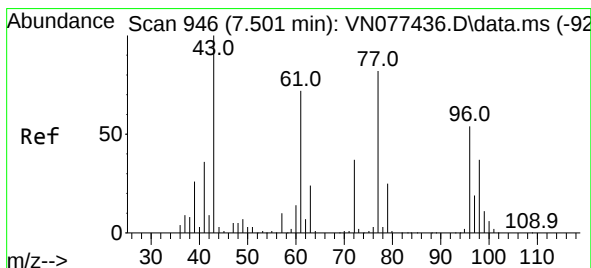
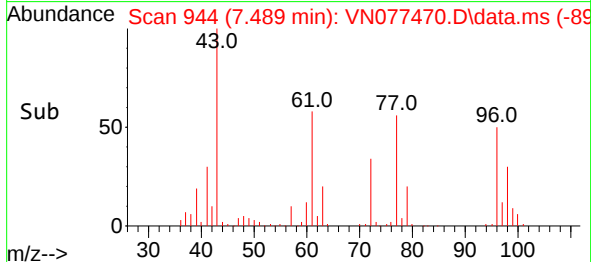
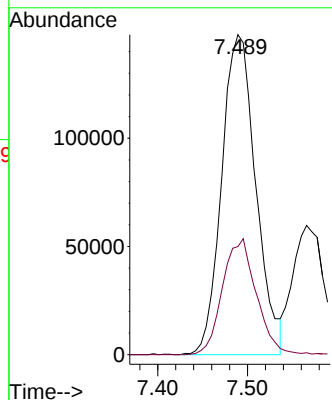
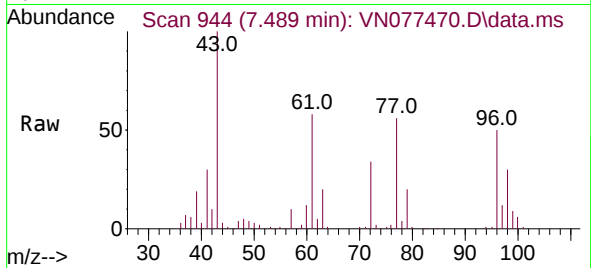
#25
2-Butanone
Concen: 102.346 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 43 Resp: 391004
Ion Ratio Lower Upper
43 100
72 33.8 30.2 45.2

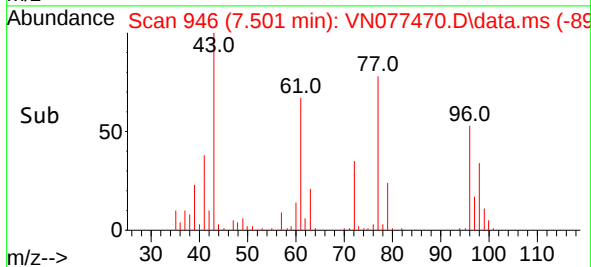
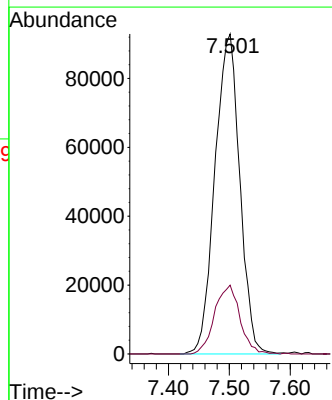
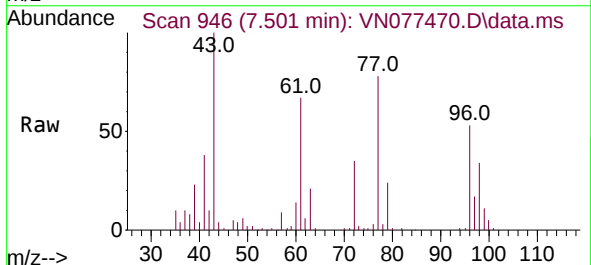
Manual Integrations
APPROVED

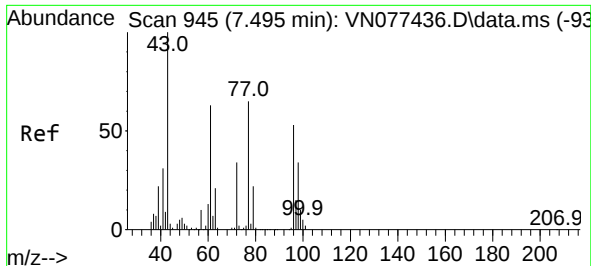
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#26
2,2-Dichloropropane
Concen: 20.745 ug/l
RT: 7.501 min Scan# 946
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Tgt Ion: 77 Resp: 263071
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.068 ug/l

RT: 7.489 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077470.D

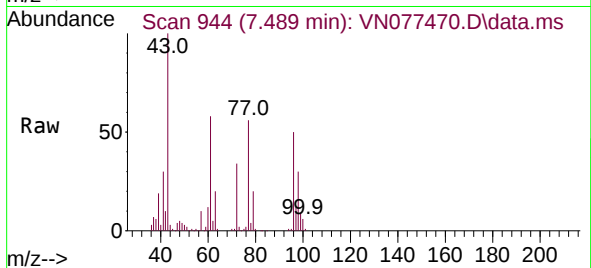
Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01



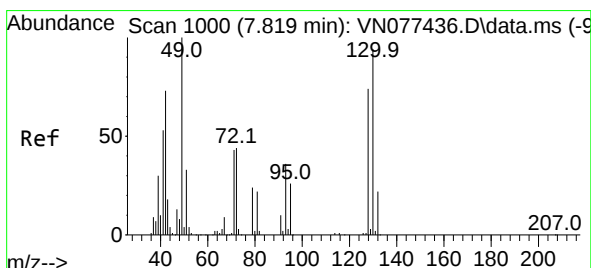
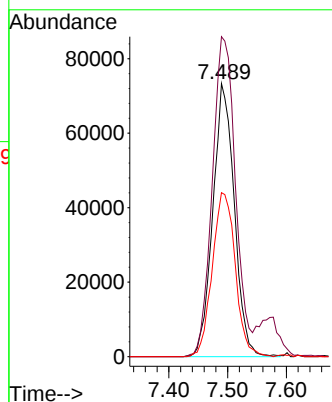
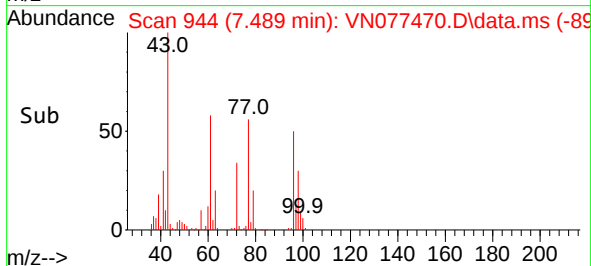
Tgt Ion:	96	Resp:	18608
Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	255.2
98	64.4	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#28

Bromochloromethane

Concen: 19.066 ug/l

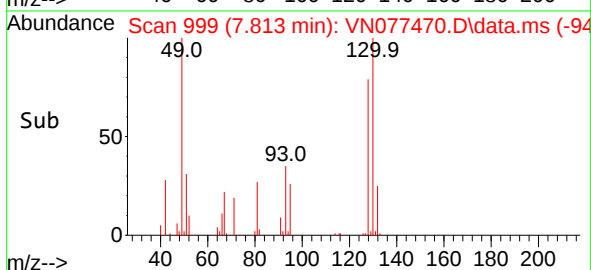
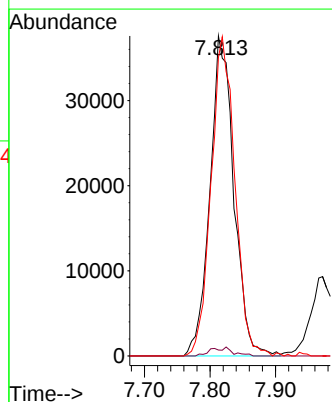
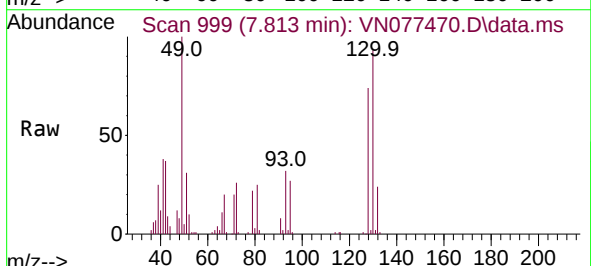
RT: 7.813 min Scan# 999

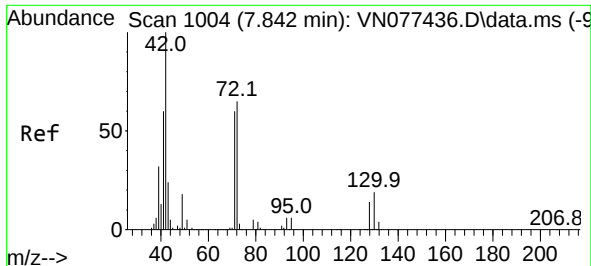
Delta R.T. -0.006 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Tgt Ion:	49	Resp:	95224
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	99.2	75.3	112.9





#29

Tetrahydrofuran

Concen: 98.394 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 42 Resp: 235524

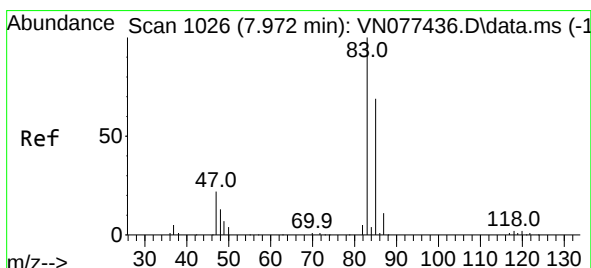
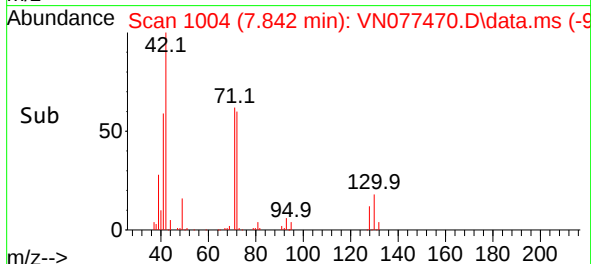
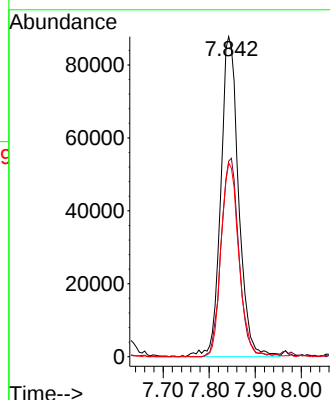
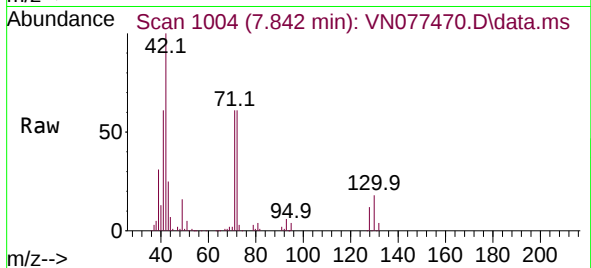
Ion	Ratio	Lower	Upper
42	100		
72	61.7	49.8	74.6
71	60.4	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

Chloroform

Concen: 20.566 ug/l

RT: 7.972 min Scan# 1026

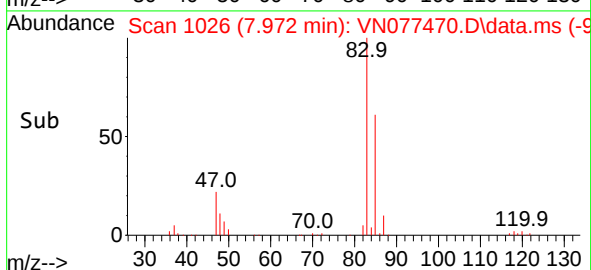
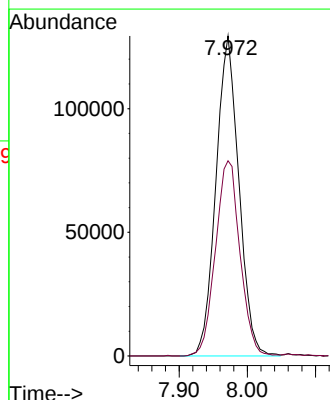
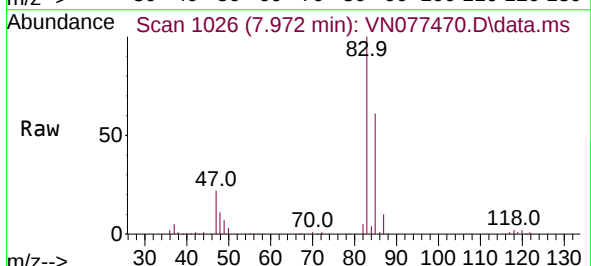
Delta R.T. -0.000 min

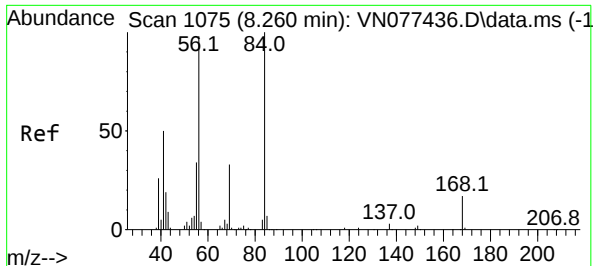
Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Tgt Ion: 83 Resp: 303121

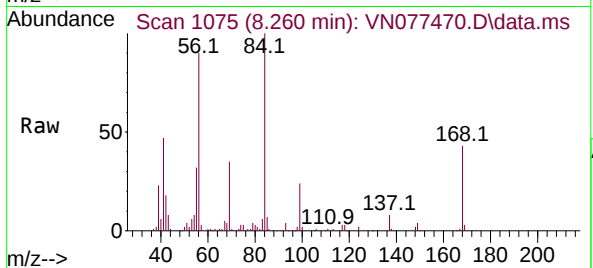
Ion	Ratio	Lower	Upper
83	100		
85	61.0	55.4	83.0





#31
Cyclohexane
Concen: 18.938 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

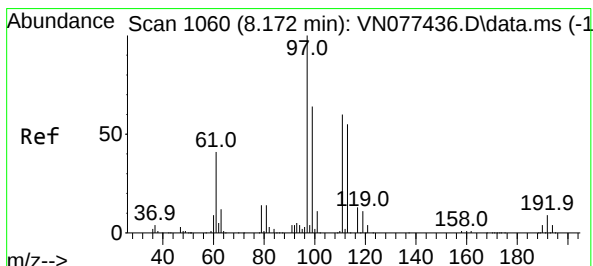
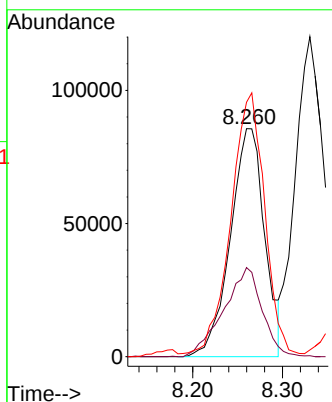
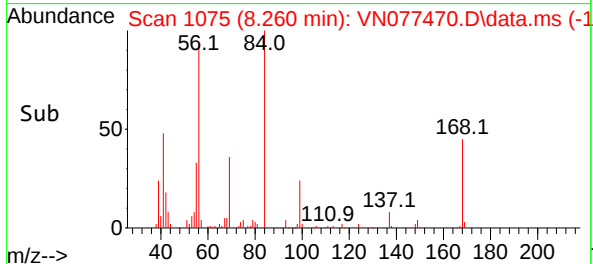
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



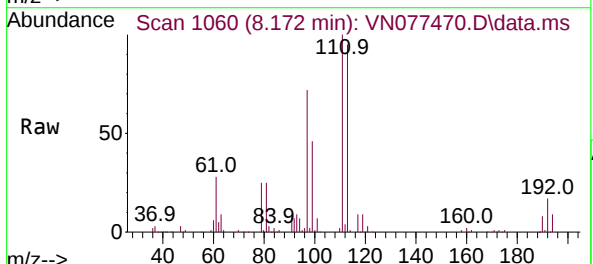
Tgt Ion: 56 Resp: 227140
Ion Ratio Lower Upper
56 100
69 39.1 26.8 40.2
84 110.0 81.8 122.6

Manual Integrations
APPROVED

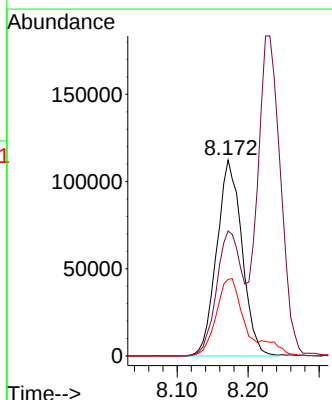
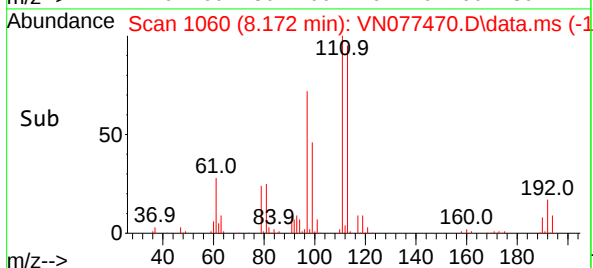
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

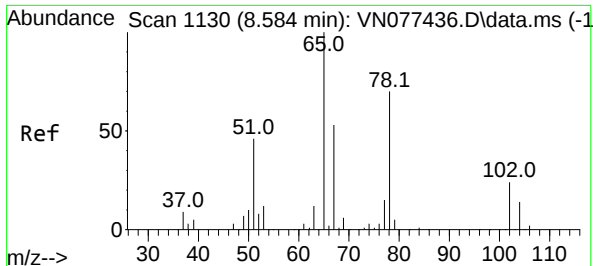


#32
1,1,1-Trichloroethane
Concen: 20.442 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



Tgt Ion: 97 Resp: 277001
Ion Ratio Lower Upper
97 100
99 62.3 50.3 75.5
61 47.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.477 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 65 Resp: 44430

Ion Ratio Lower Upper

65 100

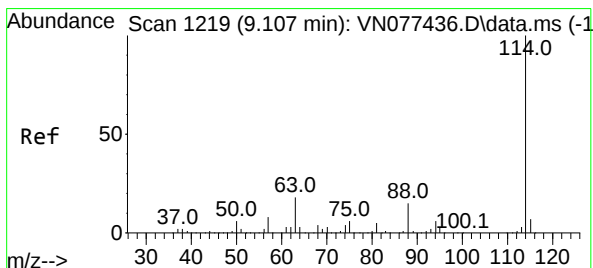
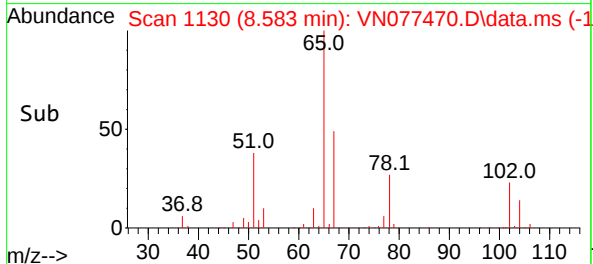
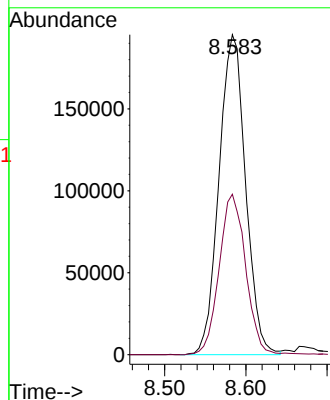
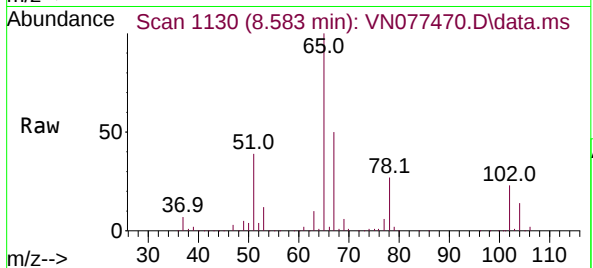
67 49.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

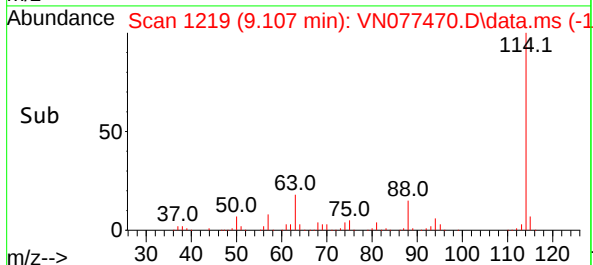
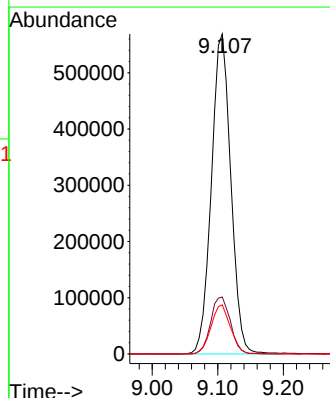
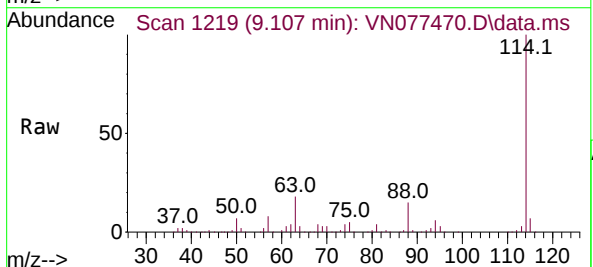
Tgt Ion:114 Resp: 1171122

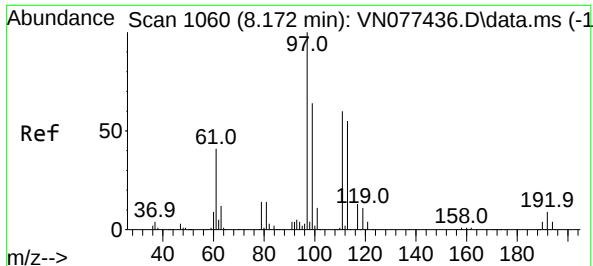
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.171 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077470.D

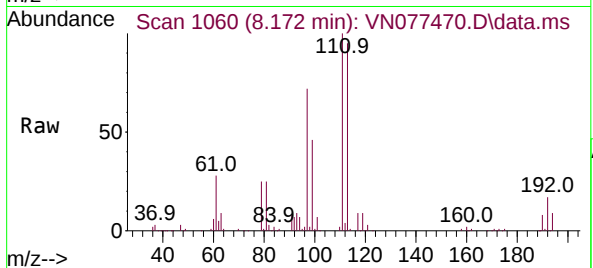
Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01



Tgt Ion: 113 Resp: 374260

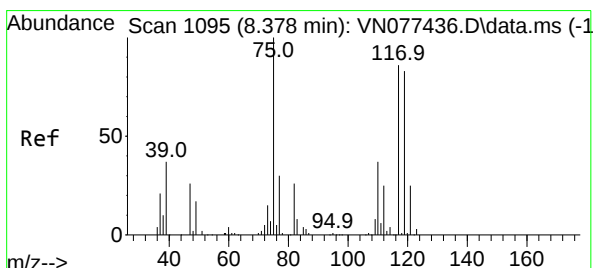
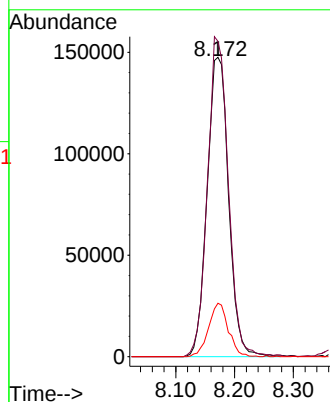
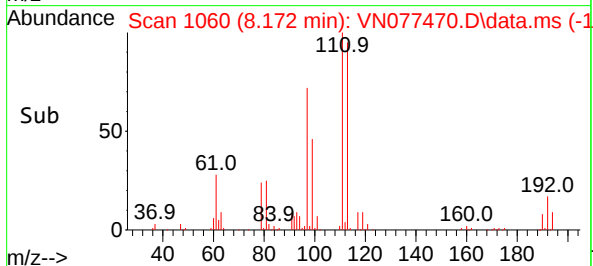
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	16.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#36

1,1-Dichloropropene

Concen: 21.596 ug/l

RT: 8.378 min Scan# 1095

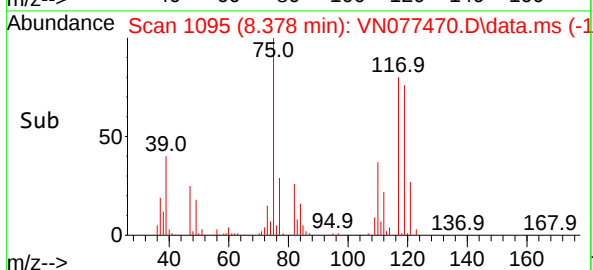
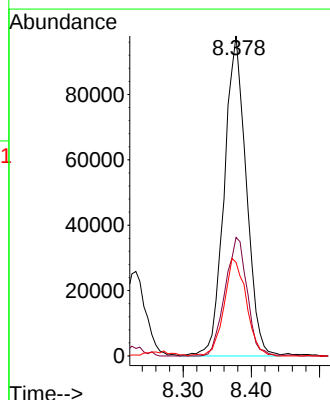
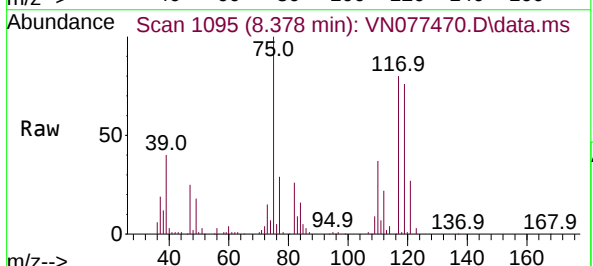
Delta R.T. -0.000 min

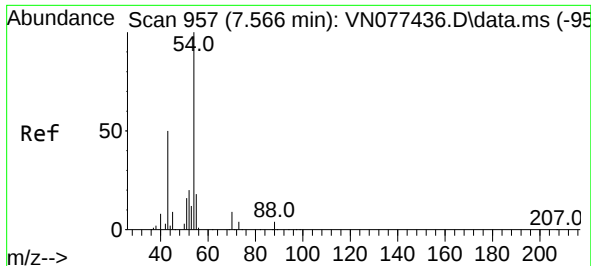
Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Tgt Ion: 75 Resp: 219620

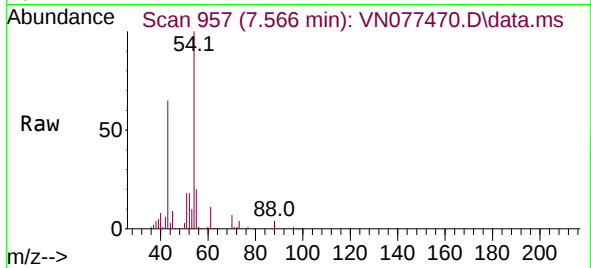
Ion	Ratio	Lower	Upper
75	100		
110	37.2	19.1	57.3
77	31.0	25.0	37.4





#37
Ethyl Acetate
Concen: 19.561 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

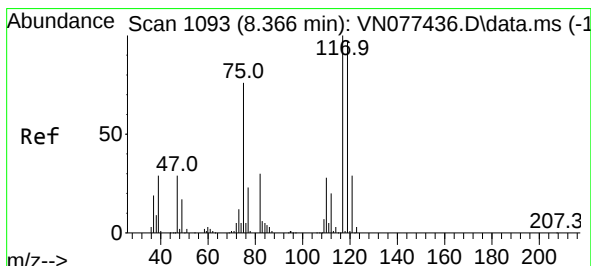
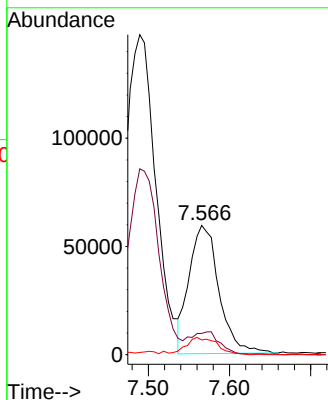
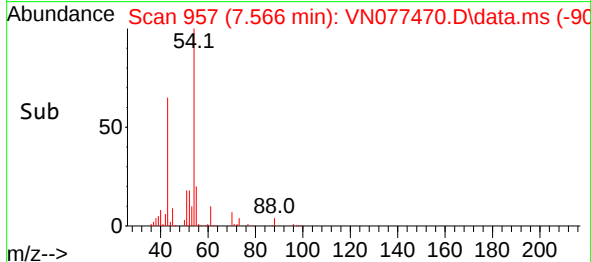
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 43 Resp: 151160
Ion Ratio Lower Upper
43 100
61 16.9 13.2 19.8
70 13.9 11.3 16.9

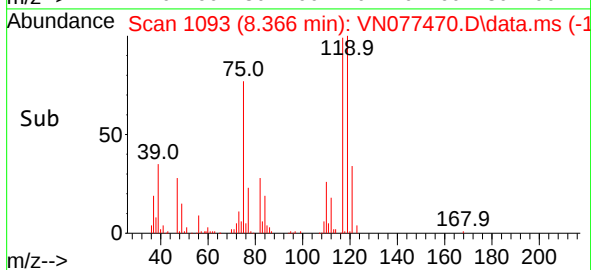
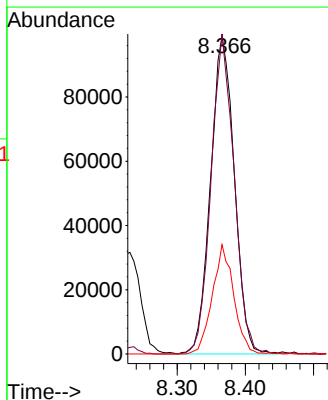
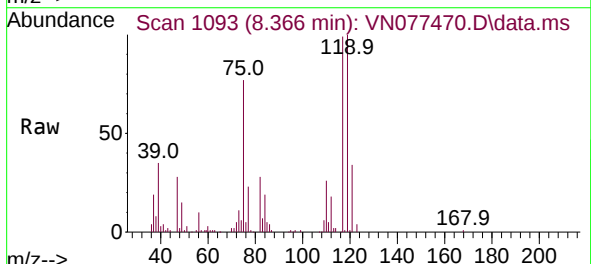
Manual Integrations
APPROVED

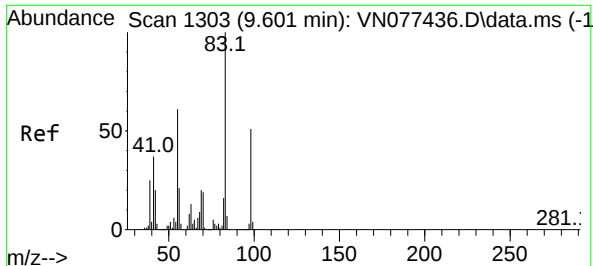
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#38
Carbon Tetrachloride
Concen: 21.421 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Tgt Ion:117 Resp: 240349
Ion Ratio Lower Upper
117 100
119 100.8 77.3 115.9
121 34.4 23.3 34.9





#39

Methylcyclohexane

Concen: 21.615 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.006 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

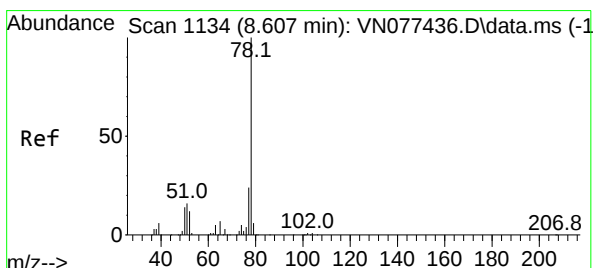
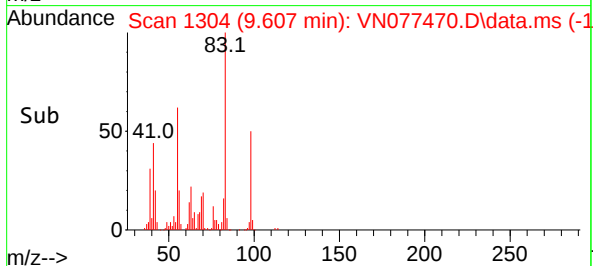
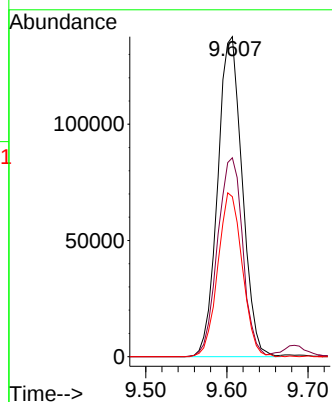
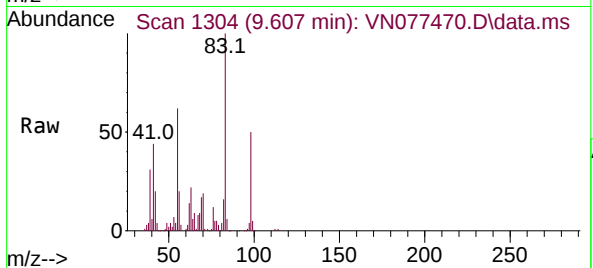
Tgt Ion: 83	Resp: 28960
Ion Ratio	Lower Upper
83 100	
55 62.2	49.1 73.7
98 50.0	40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

Benzene

Concen: 21.187 ug/l

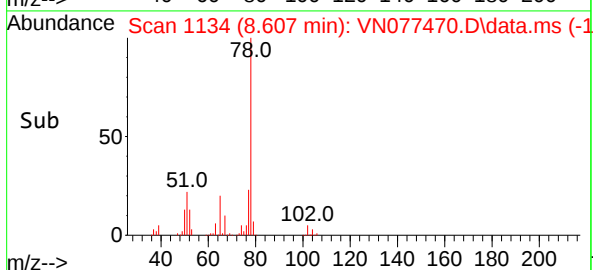
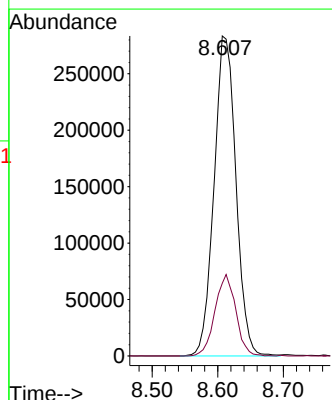
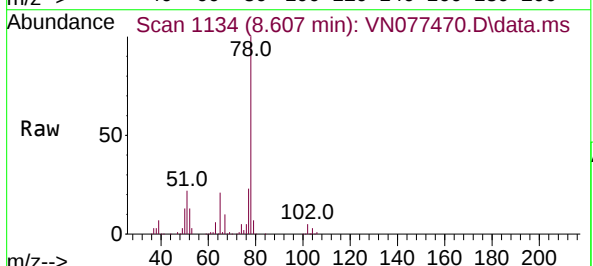
RT: 8.607 min Scan# 1134

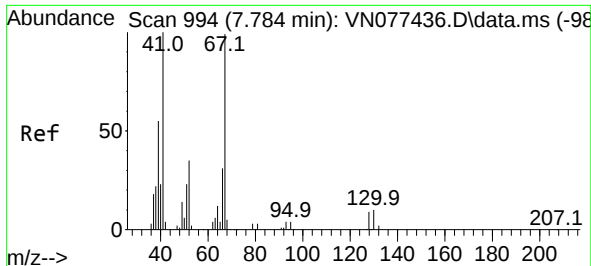
Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

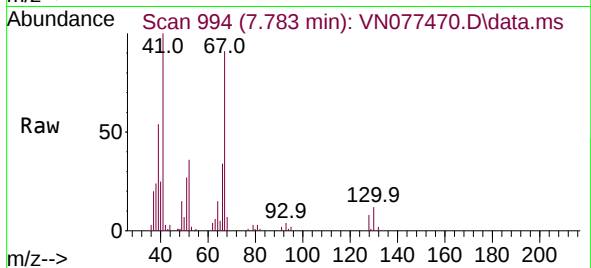
Tgt Ion: 78	Resp: 656347
Ion Ratio	Lower Upper
78 100	
77 22.7	19.0 28.6





#41
Methacrylonitrile
Concen: 20.422 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

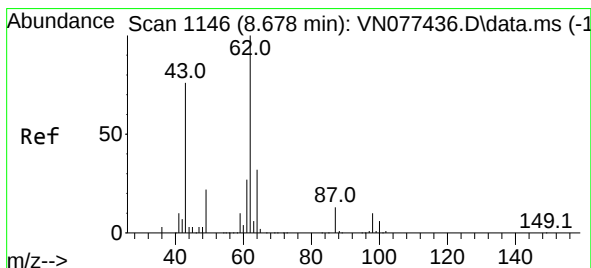
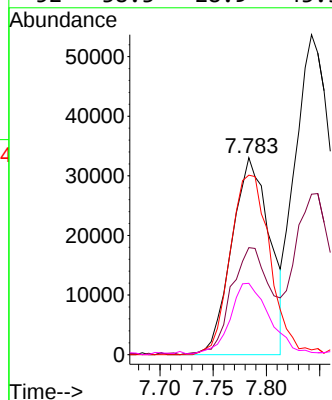
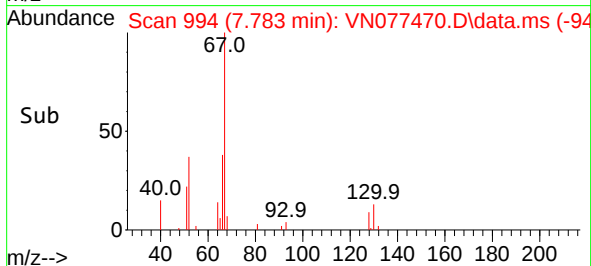
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion:	41	Resp:	8219
Ion Ratio	100	Lower	Upper
39	56.6	42.6	64.0
67	96.4	77.5	116.3
52	38.3	28.9	43.3

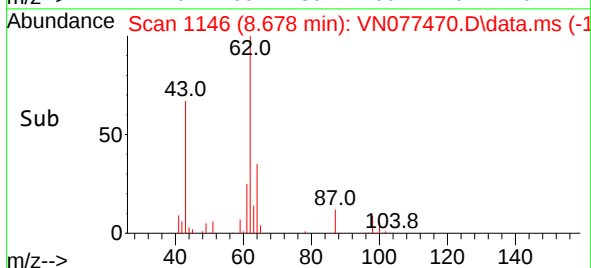
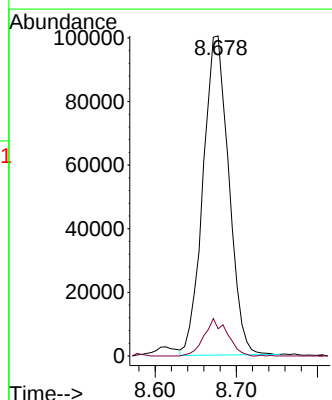
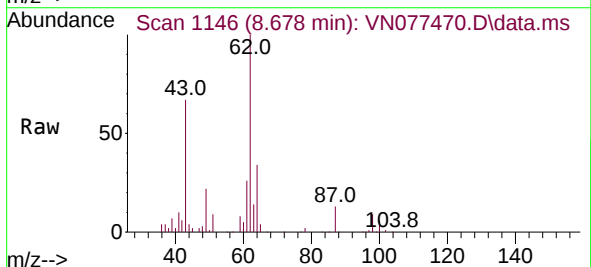
Manual Integrations
APPROVED

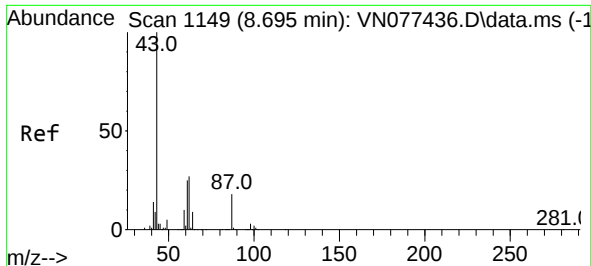
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#42
1,2-Dichloroethane
Concen: 20.775 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

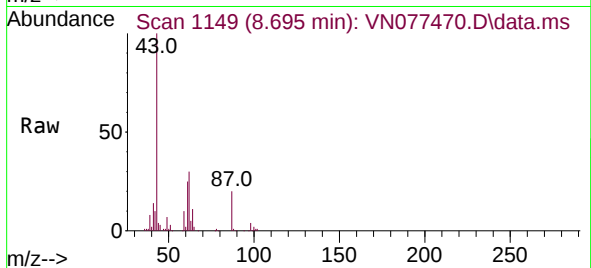
Tgt Ion:	62	Resp:	221051
Ion Ratio	100	Lower	Upper
98	10.6	0.0	19.8





#43
Isopropyl Acetate
Concen: 21.333 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

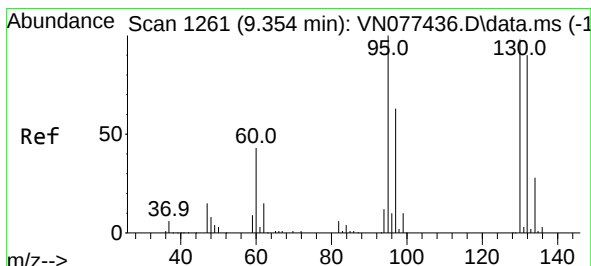
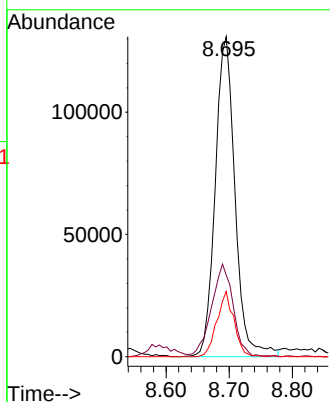
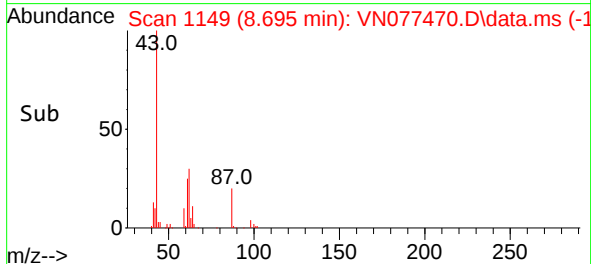
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



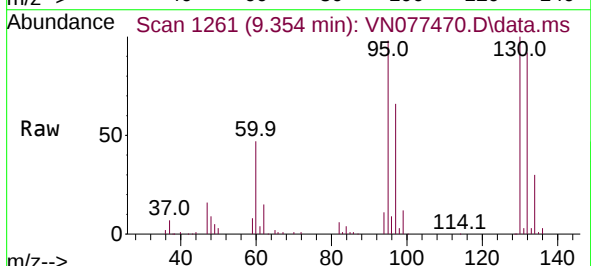
Tgt Ion: 43 Resp: 28519
Ion Ratio Lower Upper
43 100
61 31.0 24.7 37.1
87 17.6 14.6 21.8

Manual Integrations
APPROVED

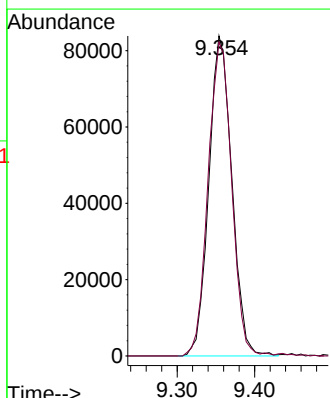
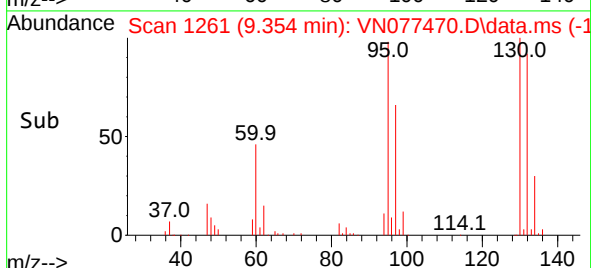
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

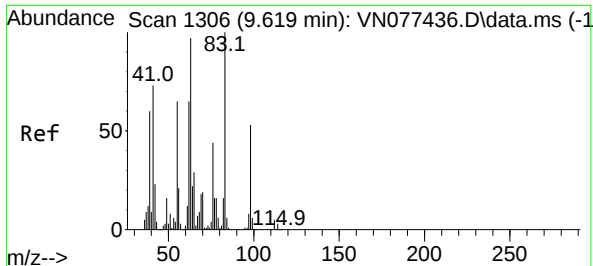


#44
Trichloroethene
Concen: 21.813 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



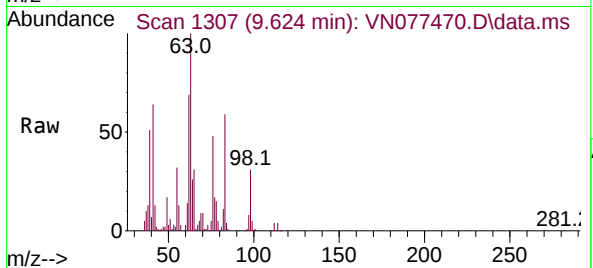
Tgt Ion:130 Resp: 173017
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.6





#45
1,2-Dichloropropane
Concen: 20.647 ug/l
RT: 9.624 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

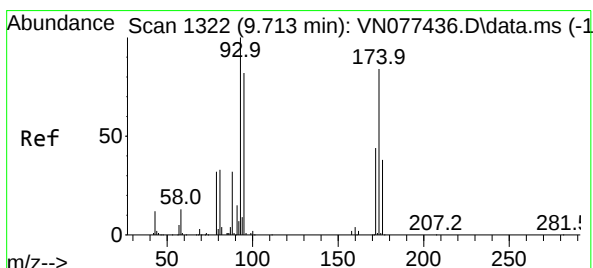
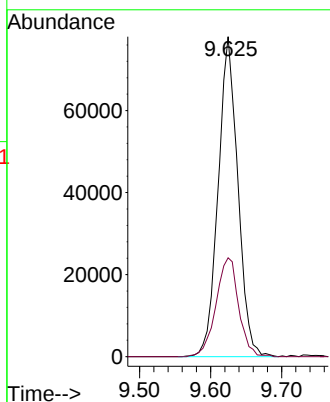
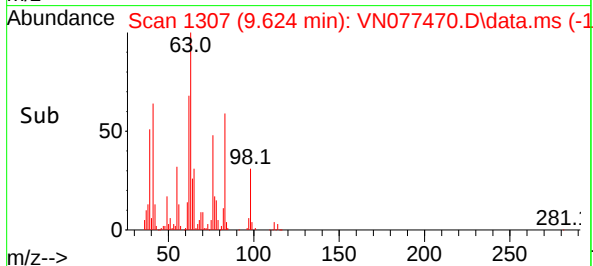
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



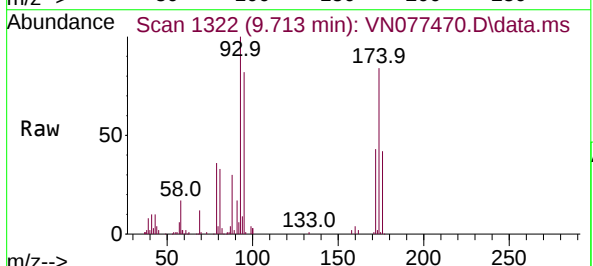
Tgt Ion: 63 Resp: 149832
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9

Manual Integrations
APPROVED

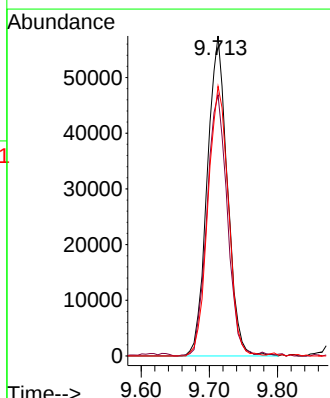
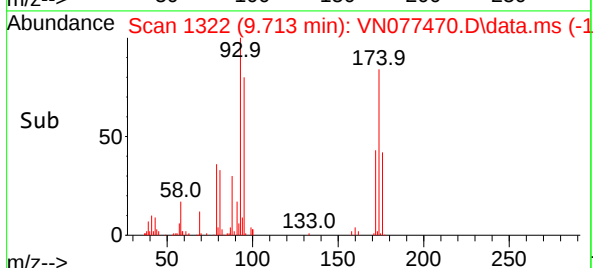
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

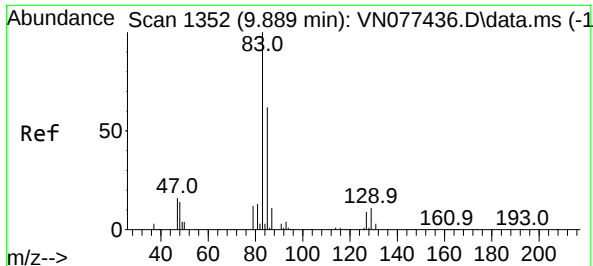


#46
Dibromomethane
Concen: 20.100 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



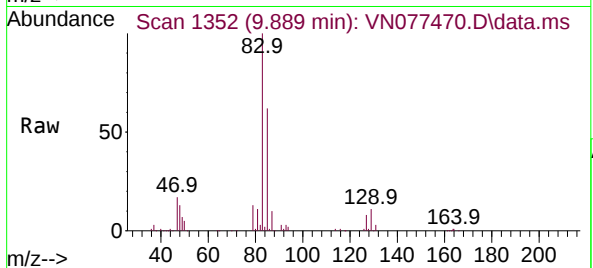
Tgt Ion: 93 Resp: 118357
Ion Ratio Lower Upper
93 100
95 82.5 63.8 95.8
174 85.3 65.6 98.4





#47
Bromodichloromethane
Concen: 21.068 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

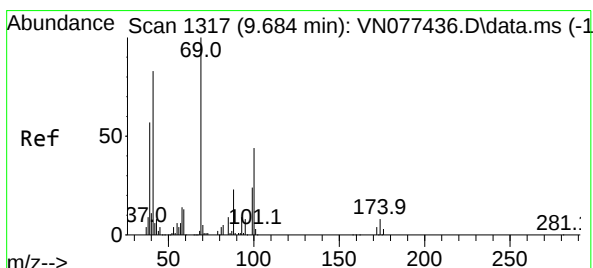
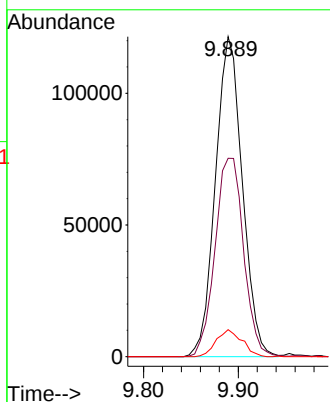
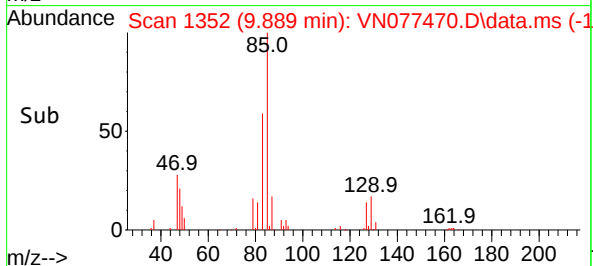
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



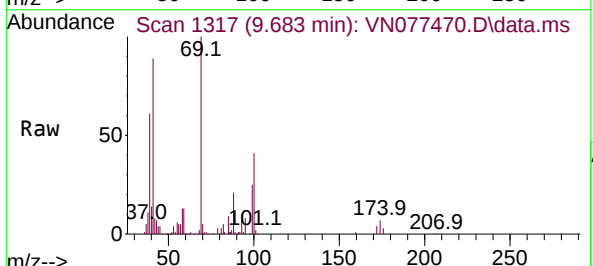
Tgt Ion: 83 Resp: 239950
Ion Ratio Lower Upper
83 100
85 62.0 49.6 74.4
127 8.5 7.0 10.6

Manual Integrations
APPROVED

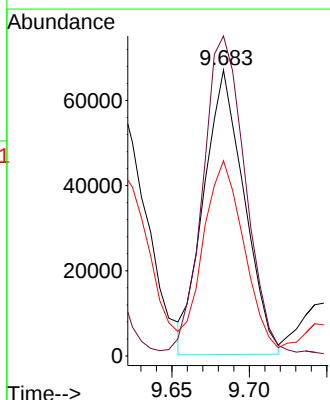
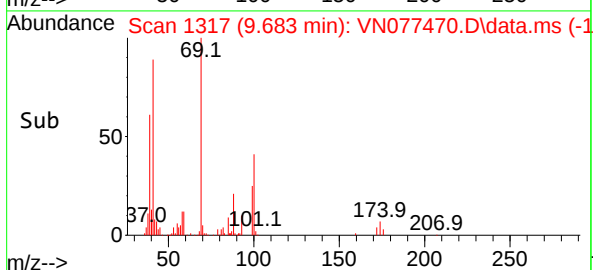
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

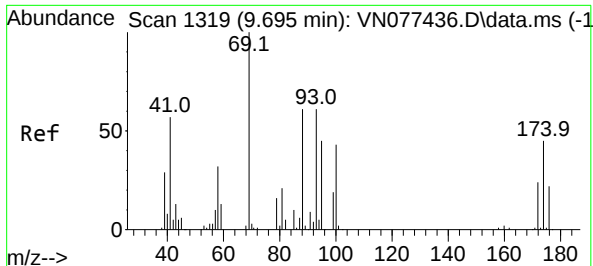


#48
Methyl methacrylate
Concen: 19.910 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



Tgt Ion: 41 Resp: 121155
Ion Ratio Lower Upper
41 100
69 119.4 90.4 135.6
39 70.6 54.6 81.8





#49

1,4-Dioxane

Concen: 398.282 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 88 Resp: 6079

Ion Ratio Lower Upper

88 100

43 20.8 17.0 25.6

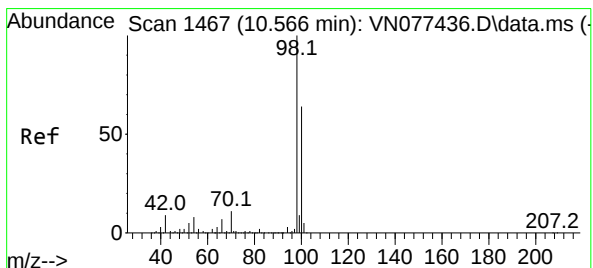
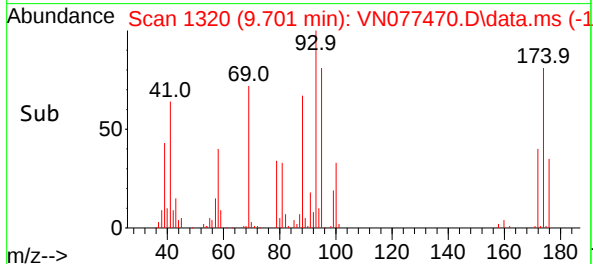
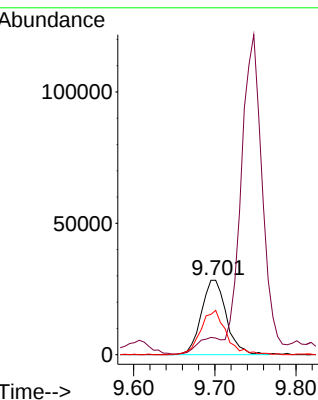
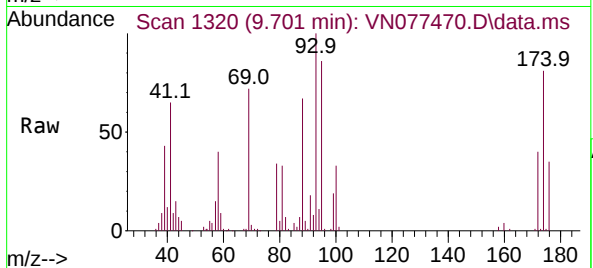
58 61.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#50

Toluene-d8

Concen: 55.645 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077470.D

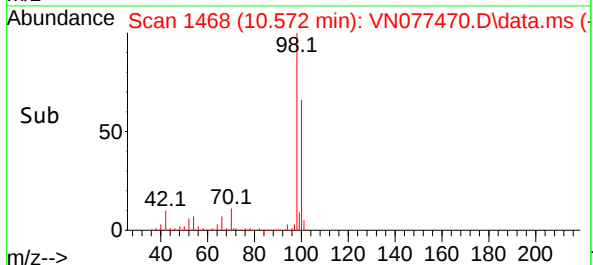
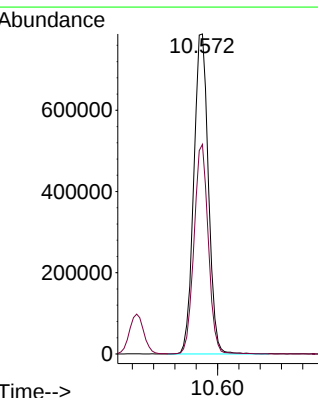
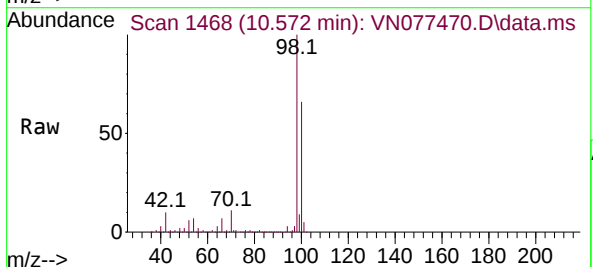
Acq: 25 Apr 2023 15:17

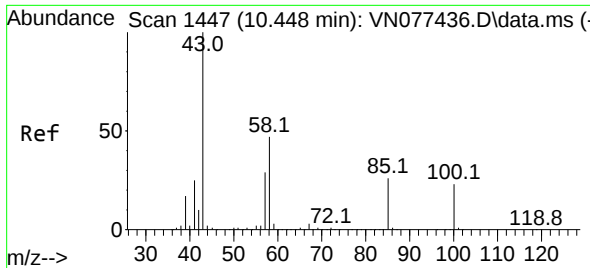
Tgt Ion: 98 Resp: 1501148

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





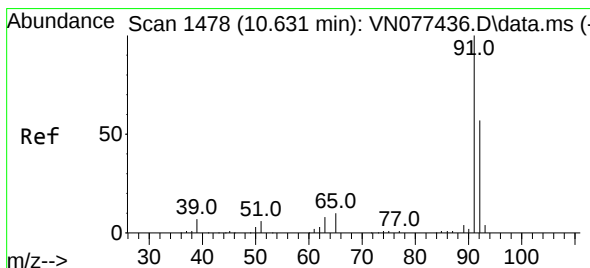
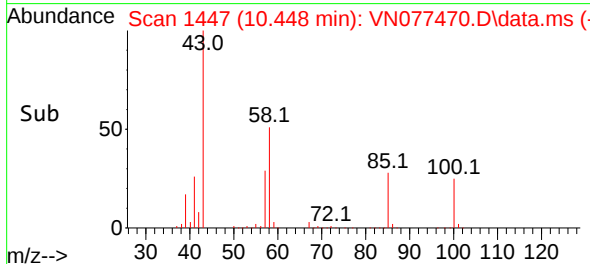
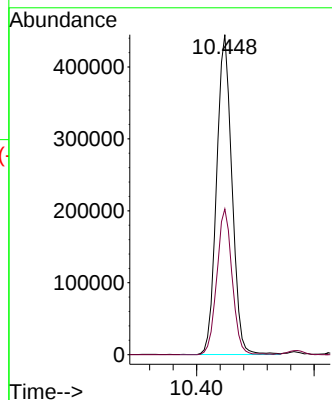
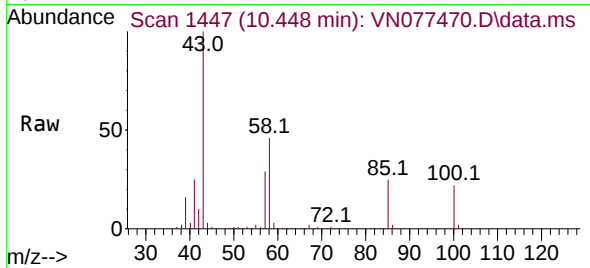
#51
4-Methyl-2-Pentanone
Concen: 102.798 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 43 Resp: 806060
Ion Ratio Lower Upper
43 100
58 45.3 36.6 54.8

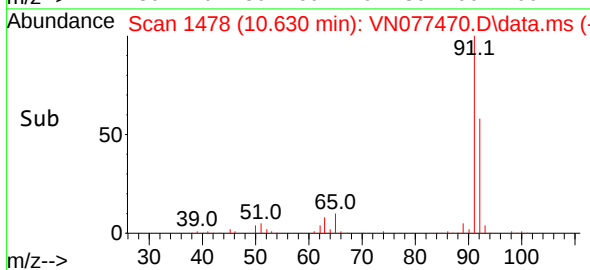
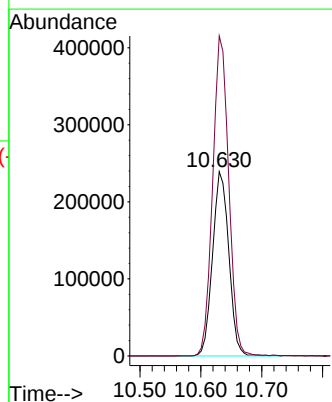
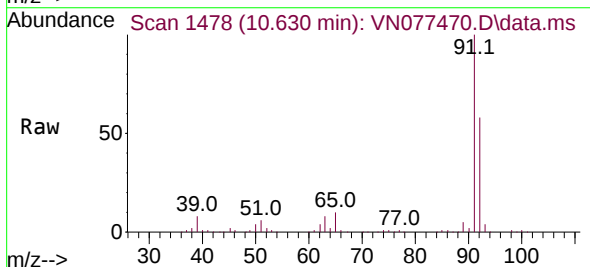
Manual Integrations
APPROVED

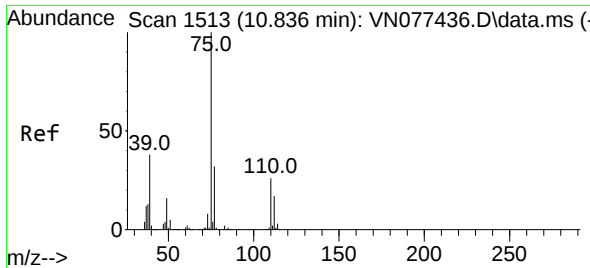
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#52
Toluene
Concen: 21.831 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

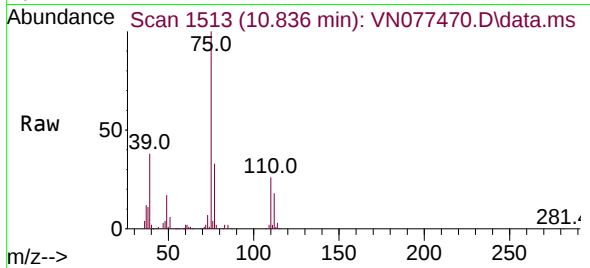
Tgt Ion: 92 Resp: 443061
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 21.610 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

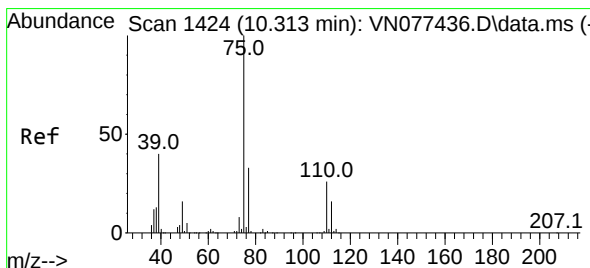
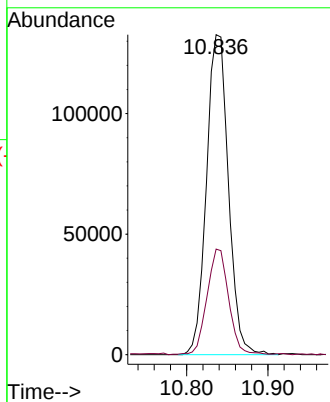
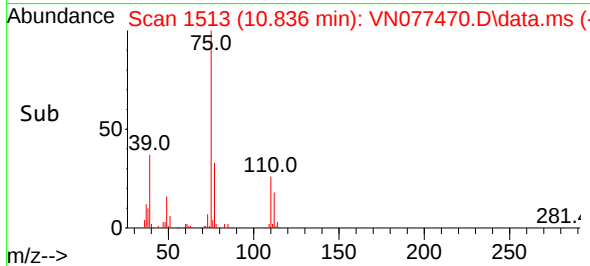
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



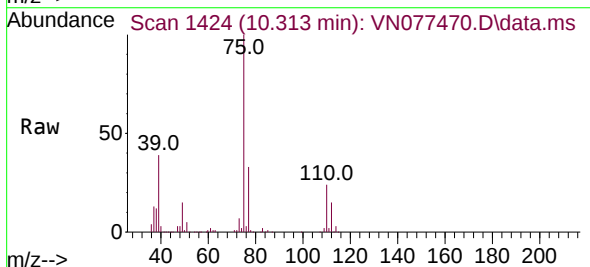
Tgt Ion: 75 Resp: 249230
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

Manual Integrations
APPROVED

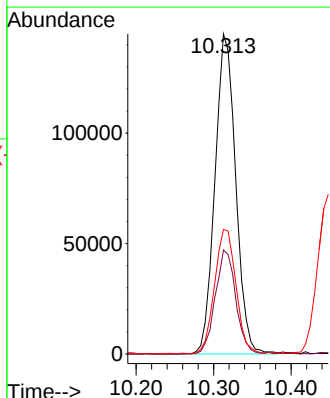
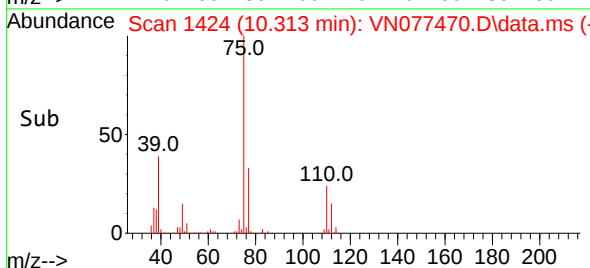
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

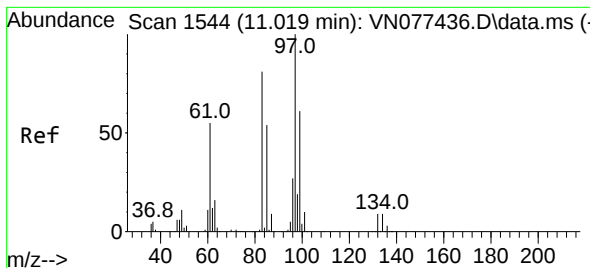


#54
cis-1,3-Dichloropropene
Concen: 21.485 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



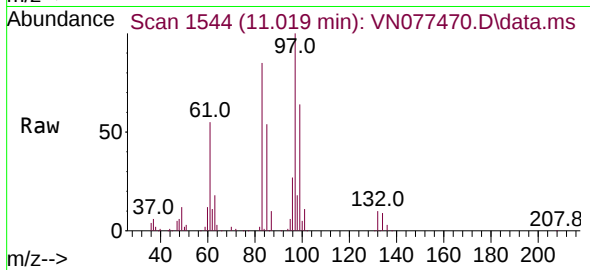
Tgt Ion: 75 Resp: 269715
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 38.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 21.202 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

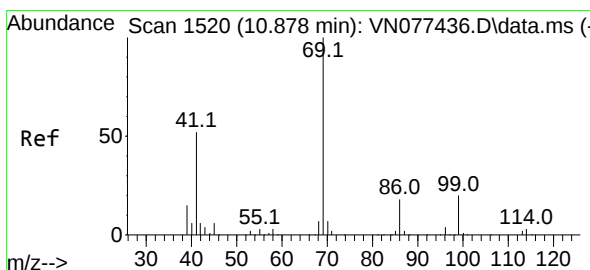
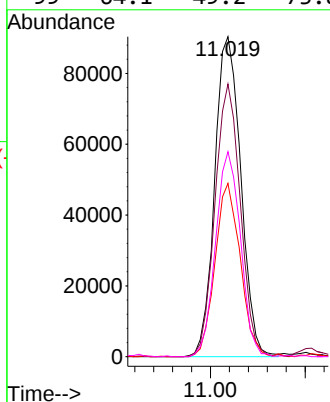
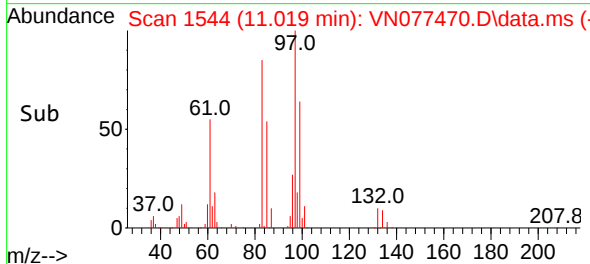
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 97 Resp: 17303
Ion Ratio Lower Upper
97 100
83 85.2 65.1 97.7
85 54.2 43.4 65.2
99 64.1 49.2 73.8

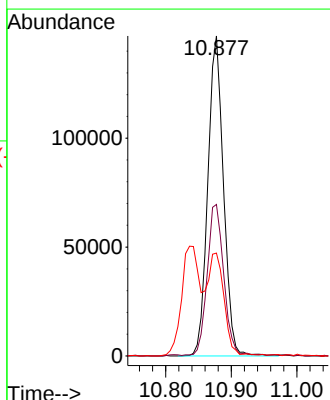
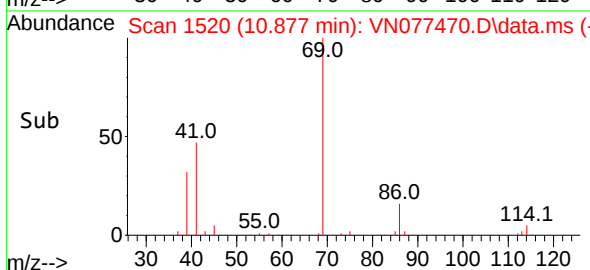
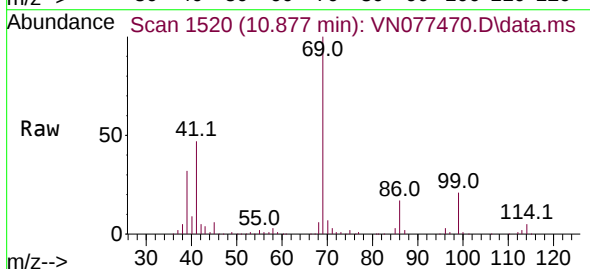
Manual Integrations
APPROVED

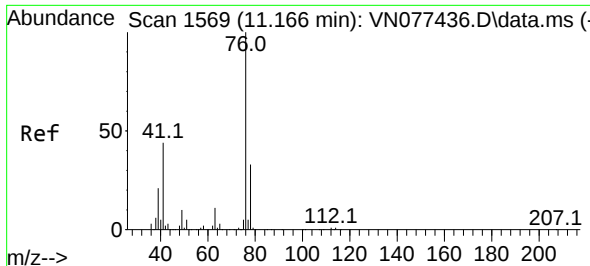
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#56
Ethyl methacrylate
Concen: 21.333 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Tgt Ion: 69 Resp: 243952
Ion Ratio Lower Upper
69 100
41 49.8 39.6 59.4
39 31.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 21.804 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion: 76 Resp: 283434

Ion Ratio Lower Upper

76 100

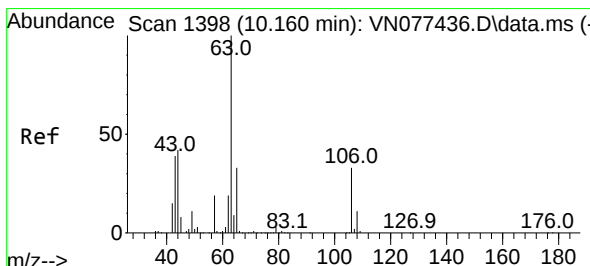
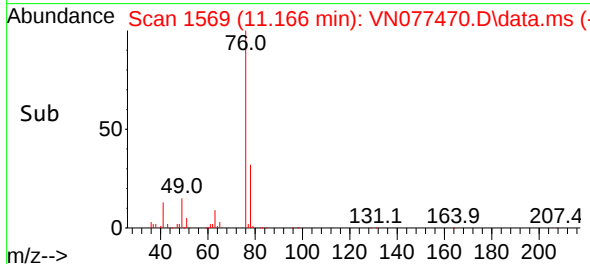
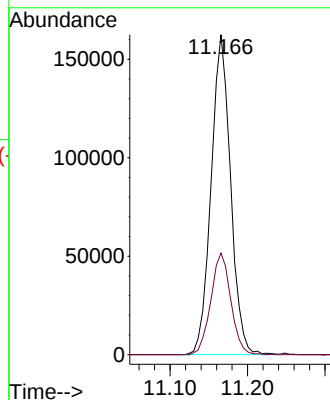
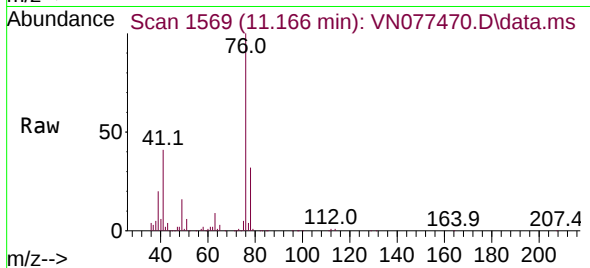
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 81.946 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077470.D

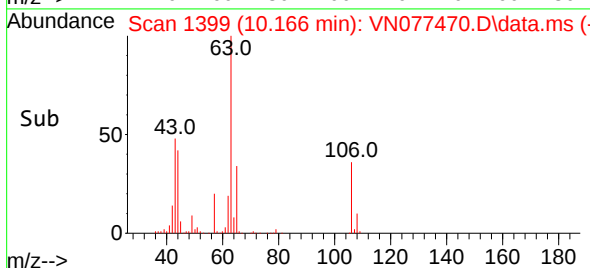
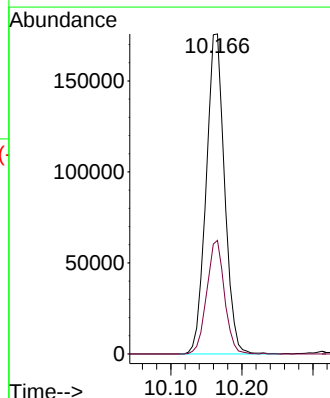
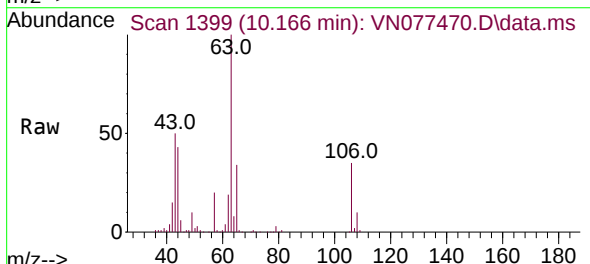
Acq: 25 Apr 2023 15:17

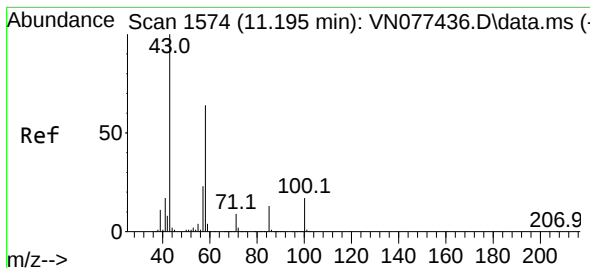
Tgt Ion: 63 Resp: 316958

Ion Ratio Lower Upper

63 100

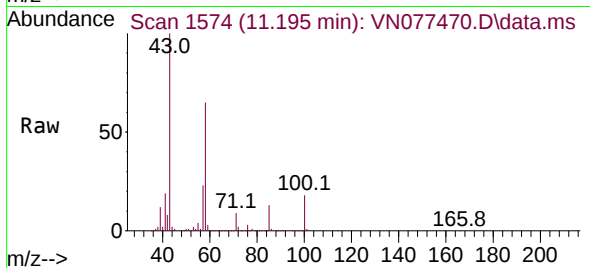
106 34.2 26.2 39.4





#59
2-Hexanone
Concen: 104.947 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

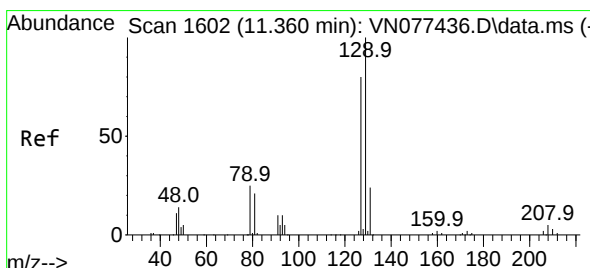
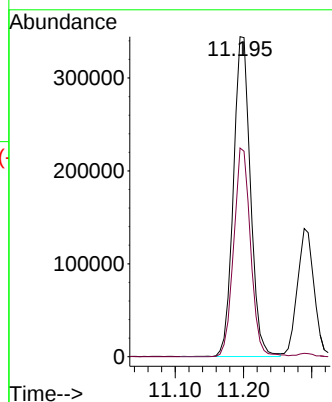
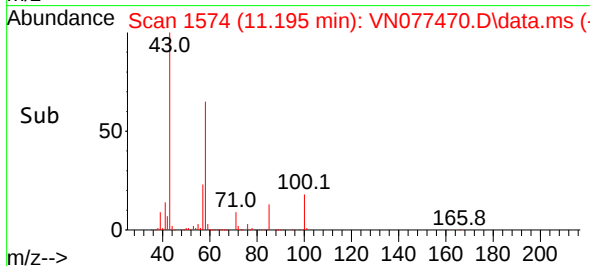
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 43 Resp: 59817
Ion Ratio Lower Upper
43 100
58 64.7 31.7 95.1

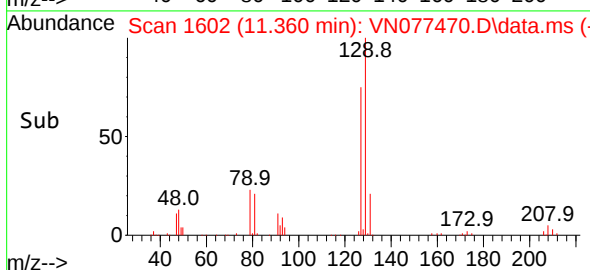
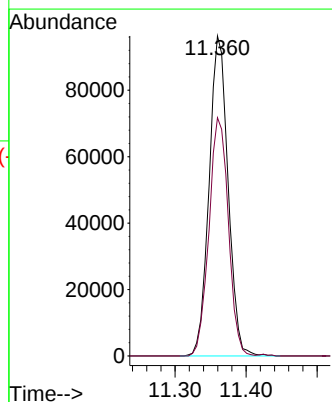
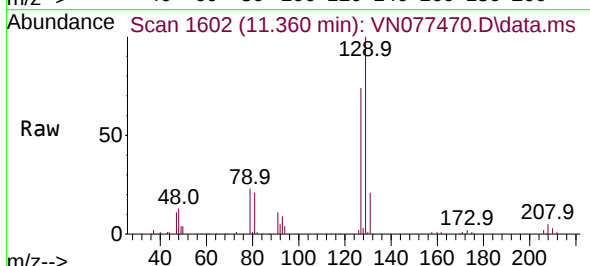
Manual Integrations
APPROVED

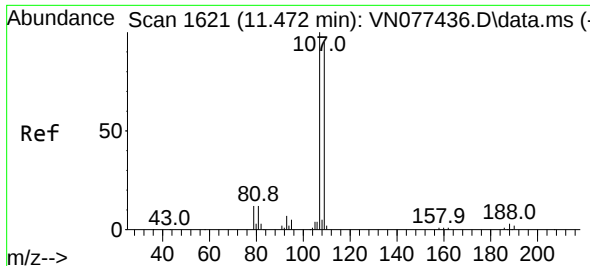
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#60
Dibromochloromethane
Concen: 21.087 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

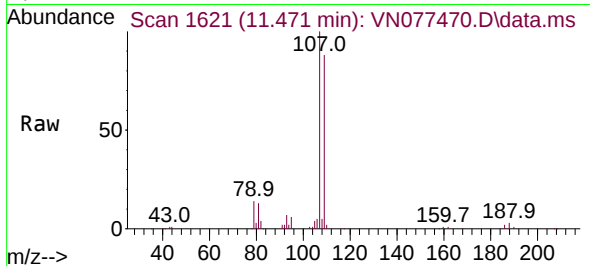
Tgt Ion:129 Resp: 178605
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.132 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

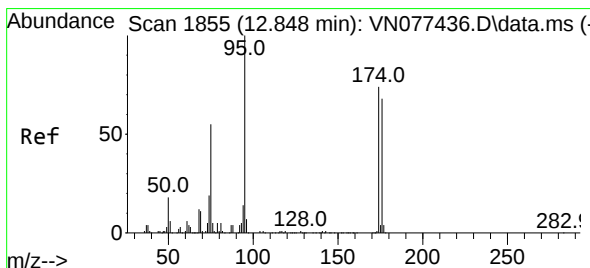
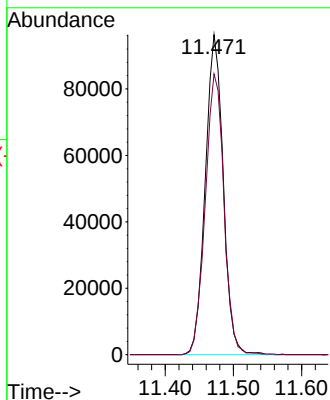
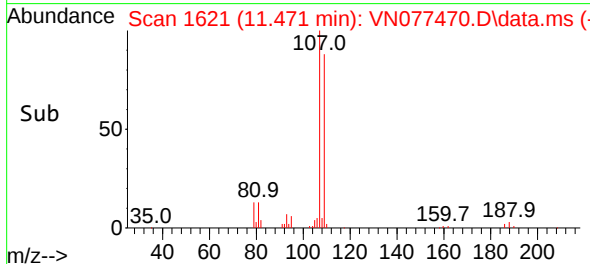
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



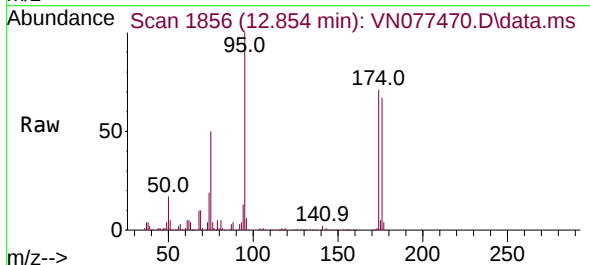
Tgt Ion:107 Resp: 176070
Ion Ratio Lower Upper
107 100
109 91.5 76.6 114.8

Manual Integrations
APPROVED

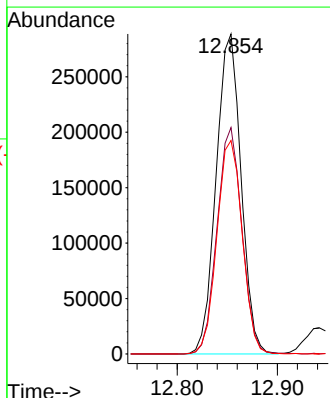
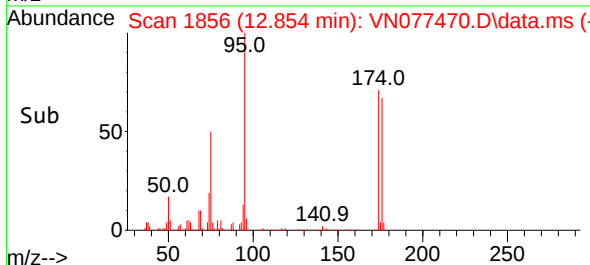
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

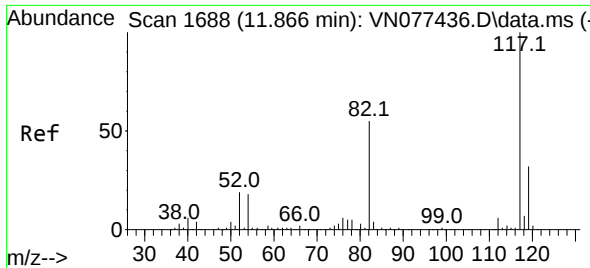


#62
4-Bromofluorobenzene
Concen: 56.446 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



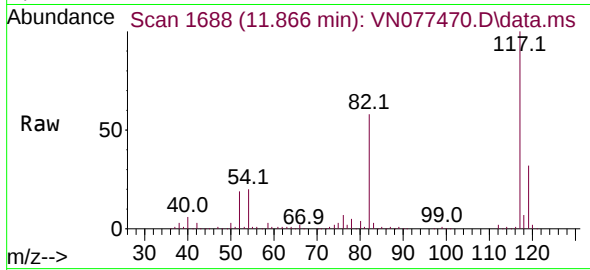
Tgt Ion: 95 Resp: 498208
Ion Ratio Lower Upper
95 100
174 70.4 0.0 143.8
176 67.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

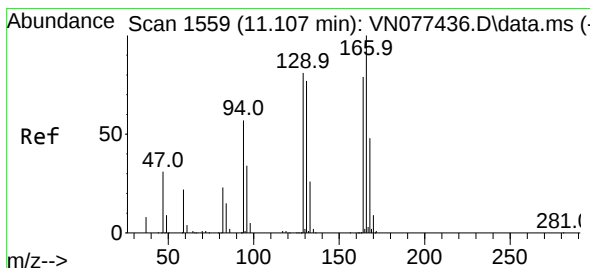
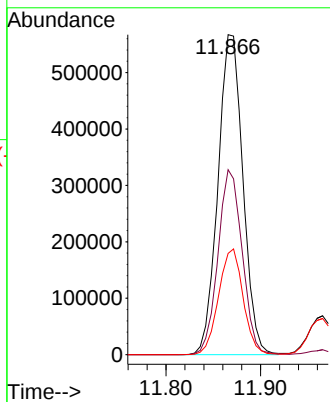
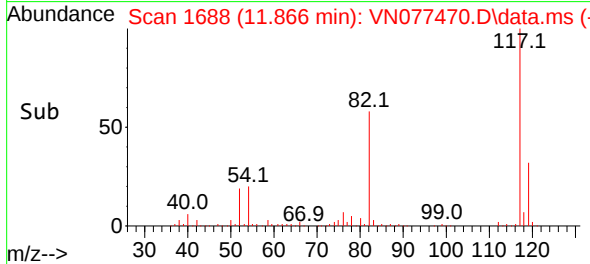
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



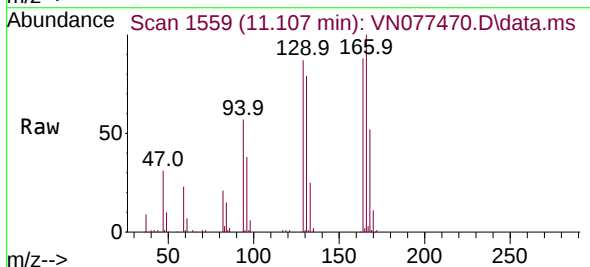
Tgt Ion:117 Resp: 1041124
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 31.7 25.6 38.4

Manual Integrations
APPROVED

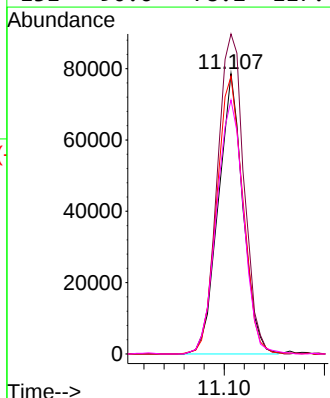
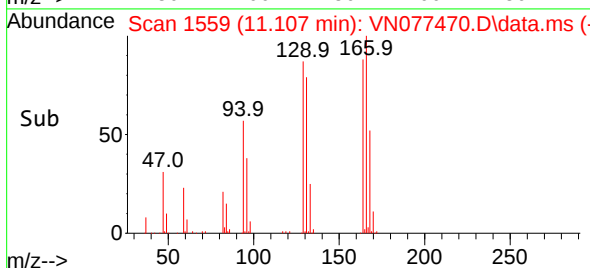
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

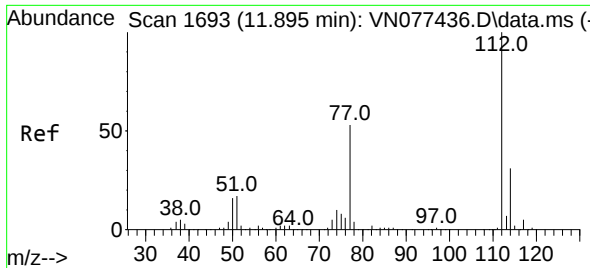


#64
Tetrachloroethene
Concen: 21.456 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



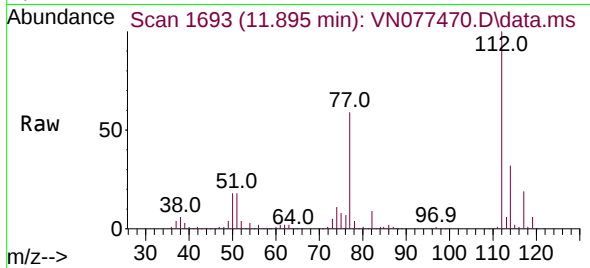
Tgt Ion:164 Resp: 133718
Ion Ratio Lower Upper
164 100
166 114.2 101.4 152.0
129 99.0 82.4 123.6
131 90.6 78.2 117.4





#65
Chlorobenzene
Concen: 20.781 ug/l
RT: 11.895 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

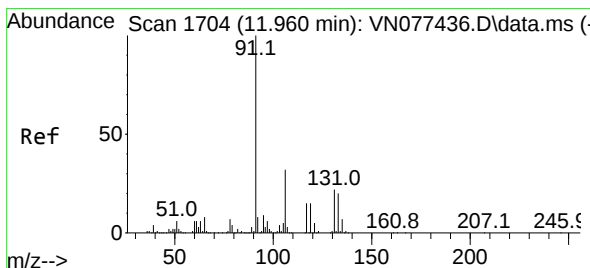
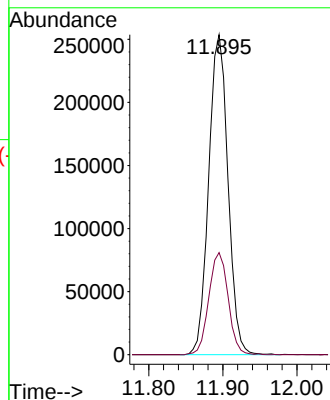
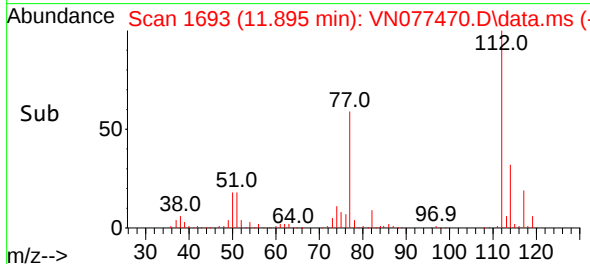
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



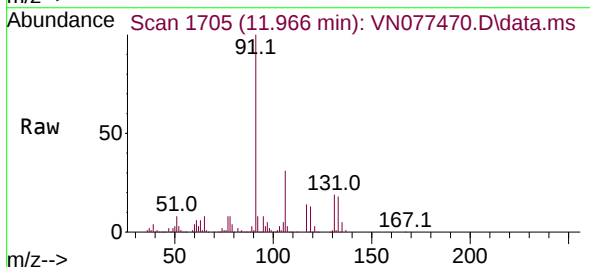
Tgt Ion:112 Resp: 457828
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

Manual Integrations
APPROVED

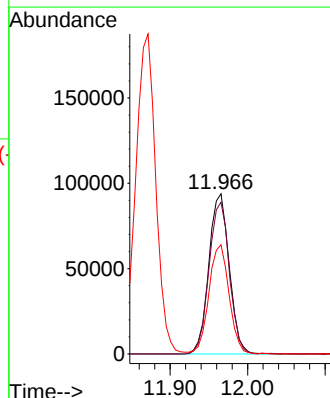
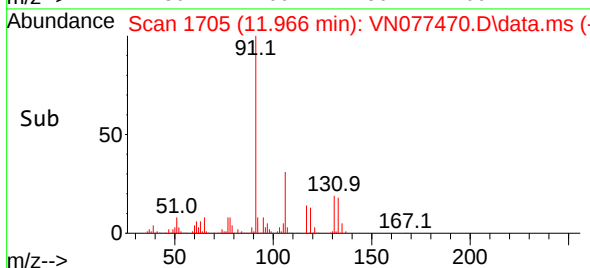
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

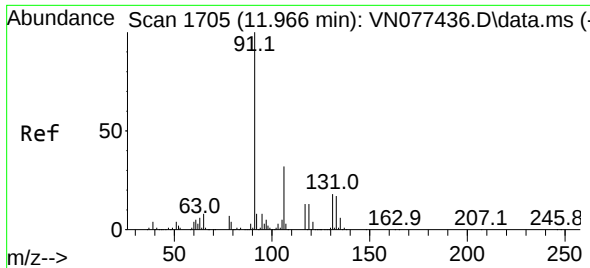


#66
1,1,1,2-Tetrachloroethane
Concen: 21.406 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



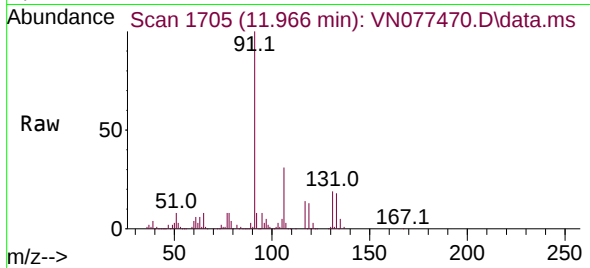
Tgt Ion:131 Resp: 171576
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 67.3 34.1 102.2





#67
Ethyl Benzene
Concen: 21.747 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

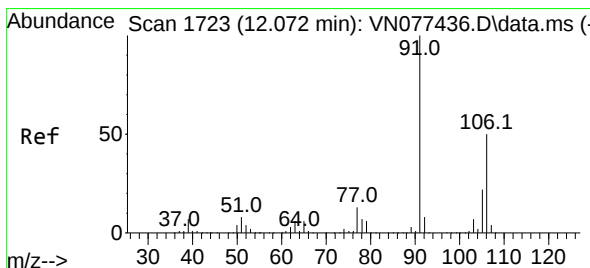
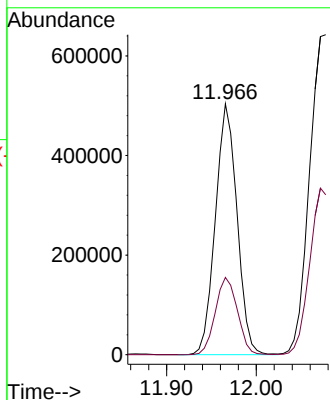
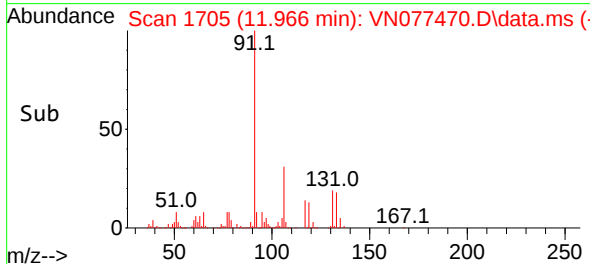
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



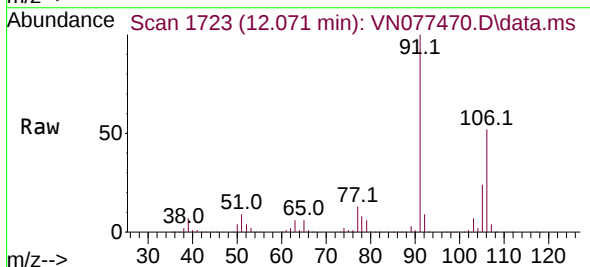
Tgt Ion: 91 Resp: 84342
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

Manual Integrations
APPROVED

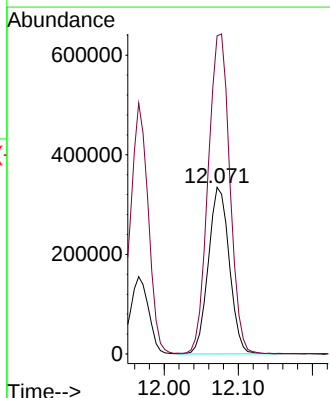
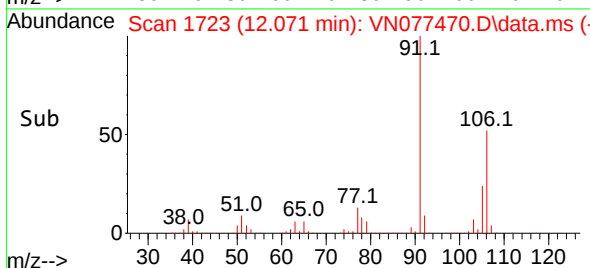
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

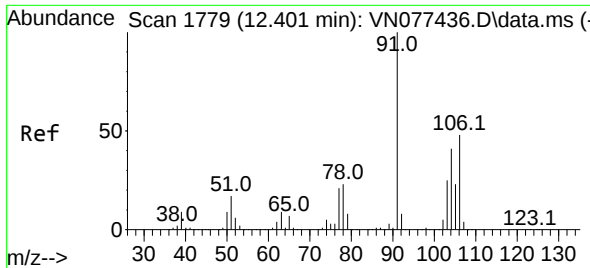


#68
m/p-Xylenes
Concen: 43.620 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



Tgt Ion:106 Resp: 657498
Ion Ratio Lower Upper
106 100
91 198.2 159.6 239.4





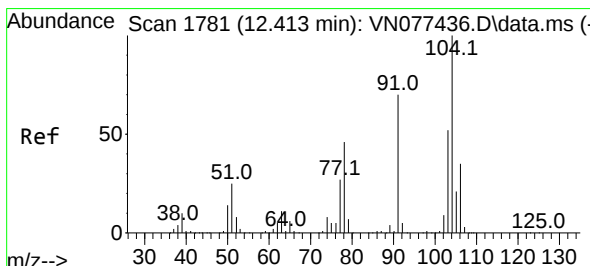
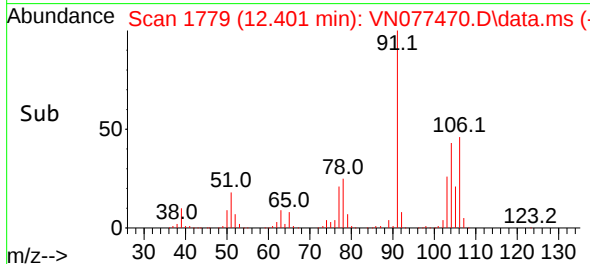
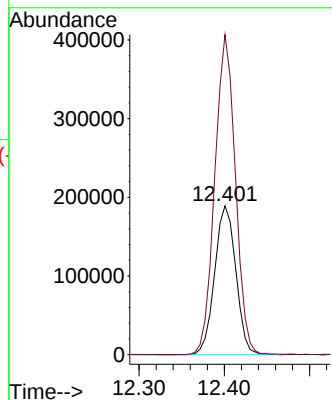
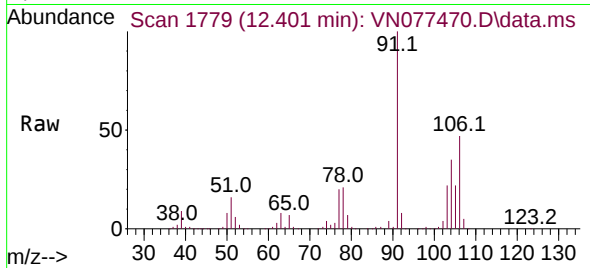
#69
o-Xylene
Concen: 22.032 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion:106 Resp: 326654
Ion Ratio Lower Upper
106 100
91 209.6 105.2 315.5

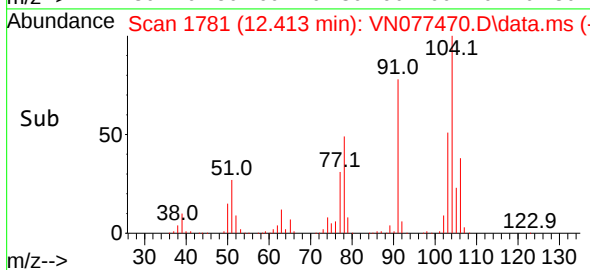
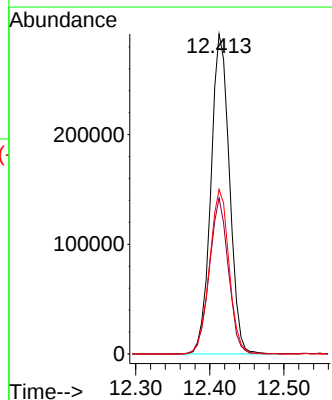
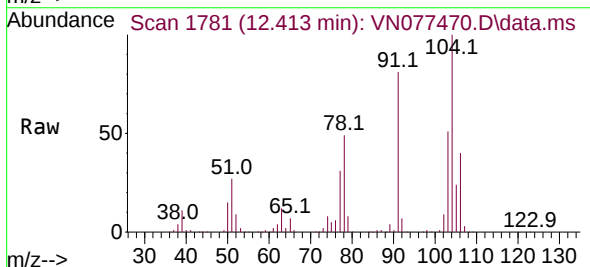
Manual Integrations
APPROVED

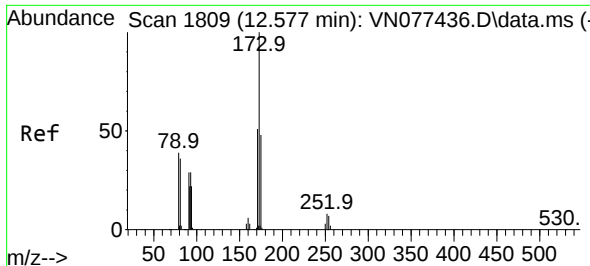
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 21.866 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

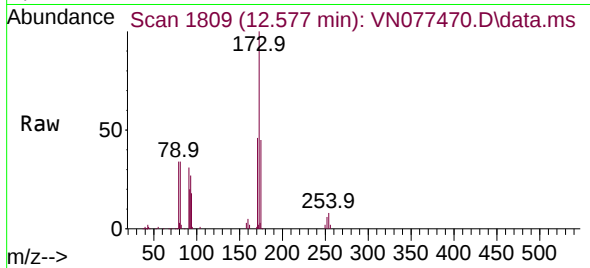
Tgt Ion:104 Resp: 506995
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 54.1 43.2 64.8





#71
Bromoform
Concen: 21.619 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

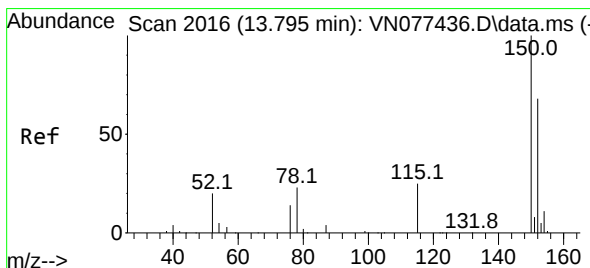
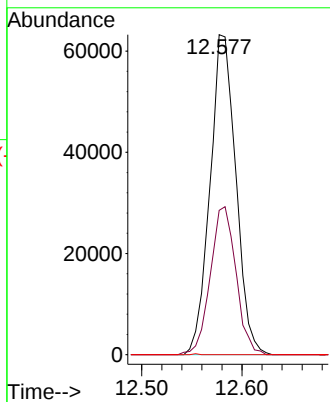
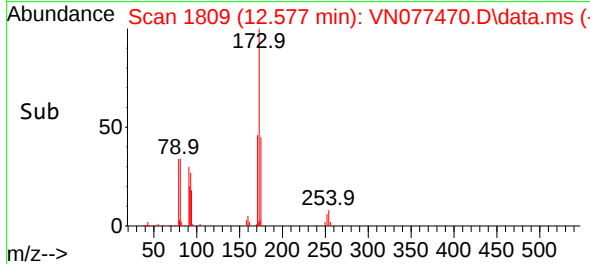
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



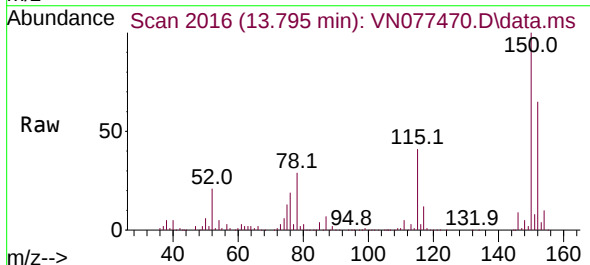
Tgt Ion:173 Resp: 113369
Ion Ratio Lower Upper
173 100
175 45.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

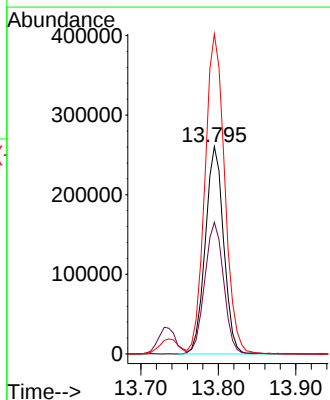
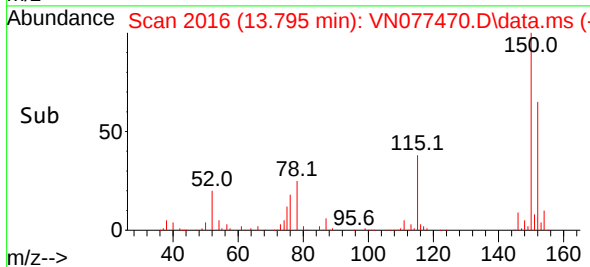
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

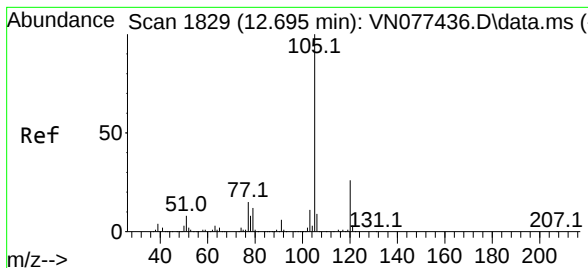


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17



Tgt Ion:152 Resp: 428135
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 166.4 0.0 355.8





#73

Isopropylbenzene

Concen: 21.143 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion:105 Resp: 840000

Ion Ratio Lower Upper

105 100

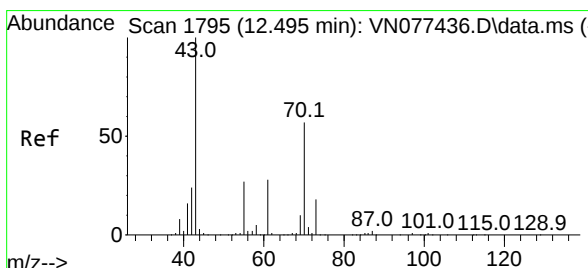
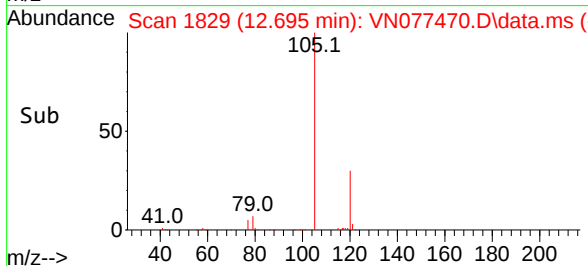
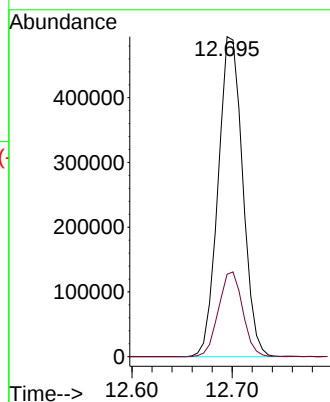
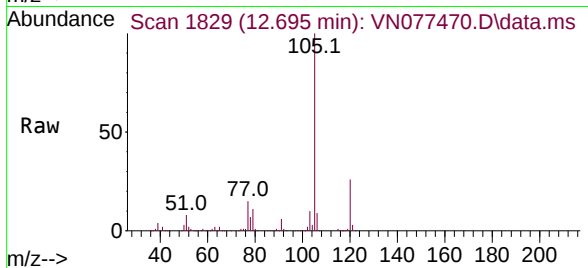
120 26.1 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#74

N-ethyl acetate

Concen: 19.214 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Tgt Ion: 43 Resp: 226001

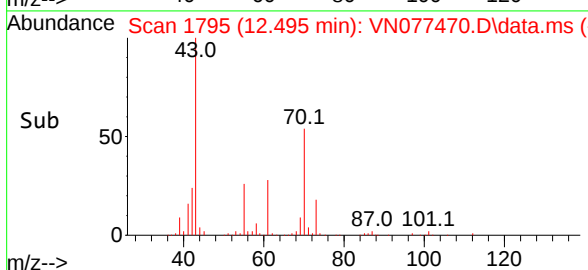
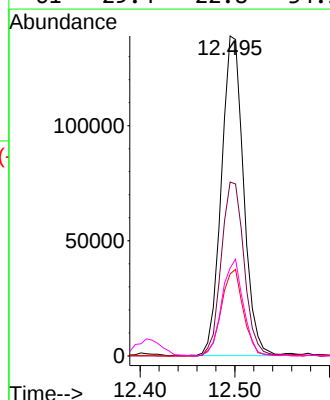
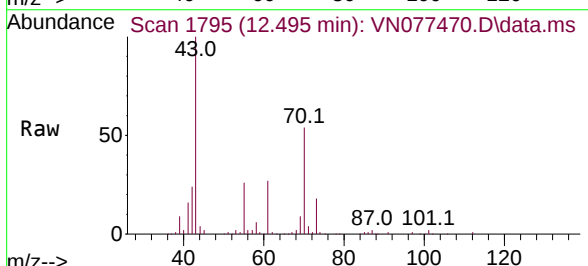
Ion Ratio Lower Upper

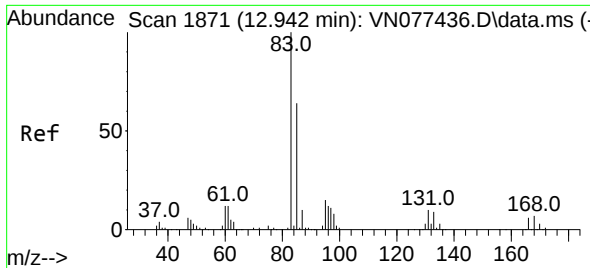
43 100

70 56.0 43.4 65.2

55 27.1 21.4 32.0

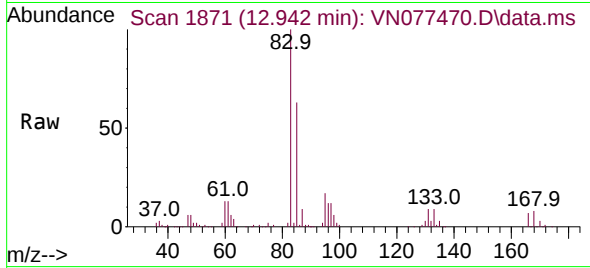
61 29.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.892 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

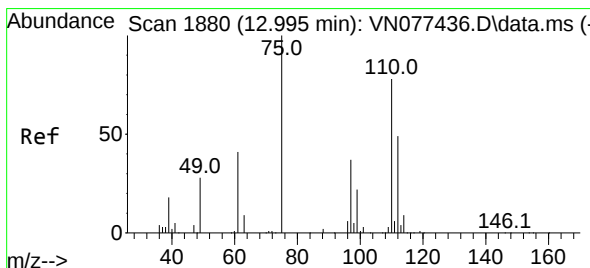
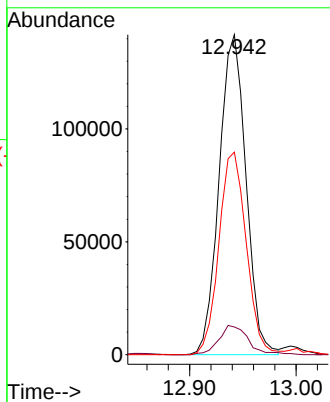
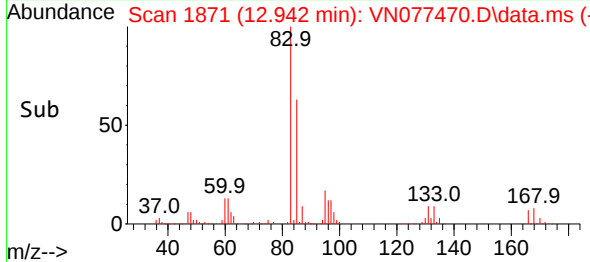
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 83 Resp: 24831
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.5 31.9 95.7

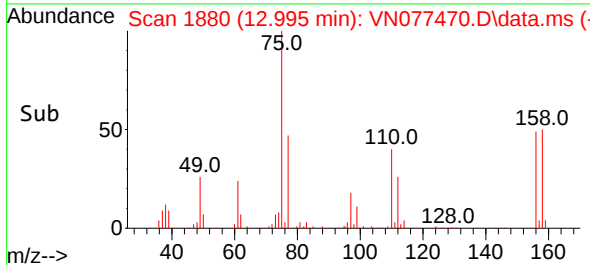
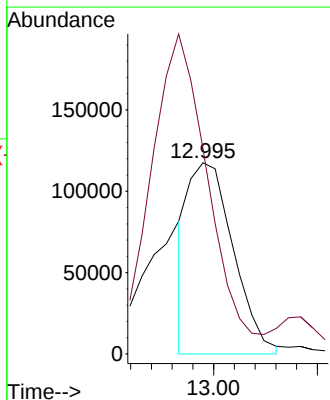
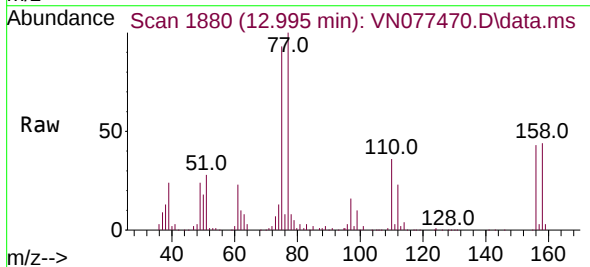
Manual Integrations
APPROVED

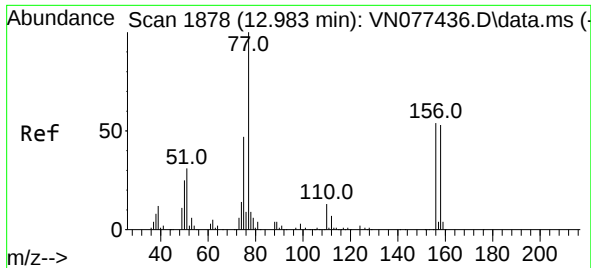
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#76
1,2,3-Trichloropropane
Concen: 17.878 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Tgt Ion: 75 Resp: 177991
Ion Ratio Lower Upper
75 100
77 214.5 84.5 253.5





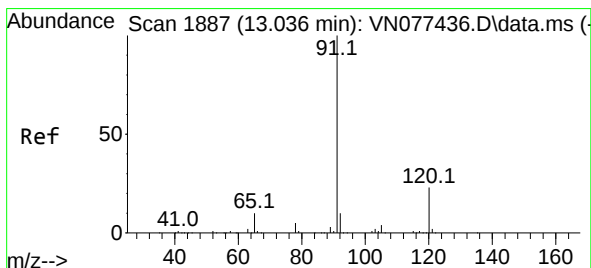
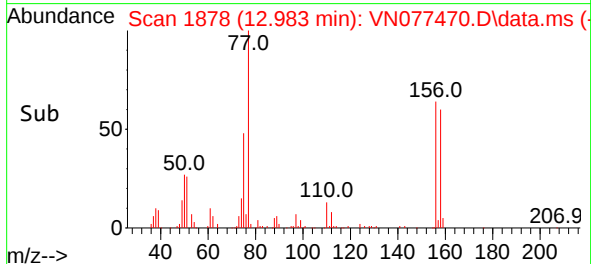
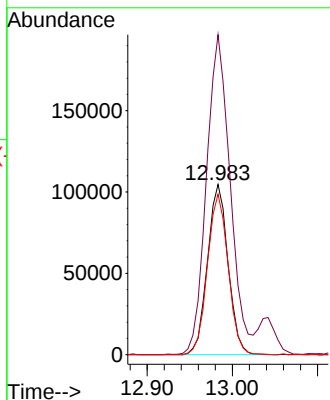
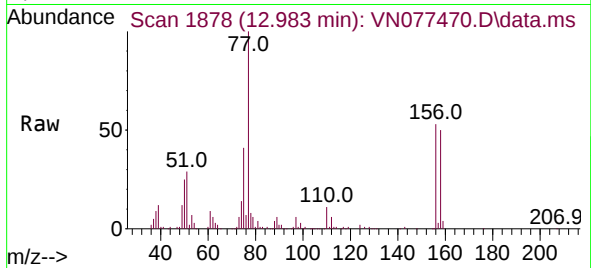
#77
Bromobenzene
Concen: 20.254 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion:156 Resp: 175368
Ion Ratio Lower Upper
156 100
77 217.7 107.7 323.3
158 94.9 48.4 145.3

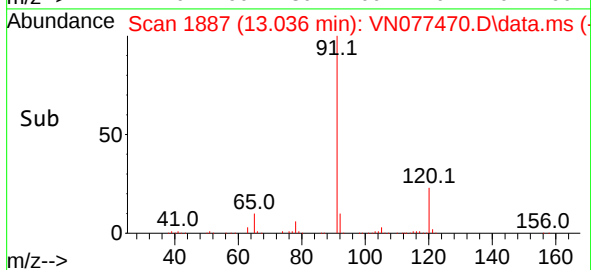
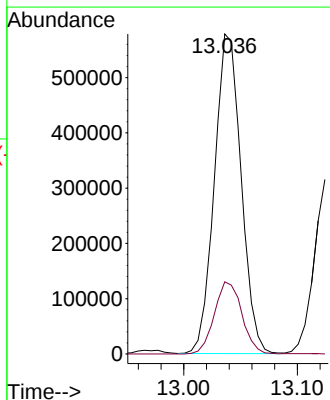
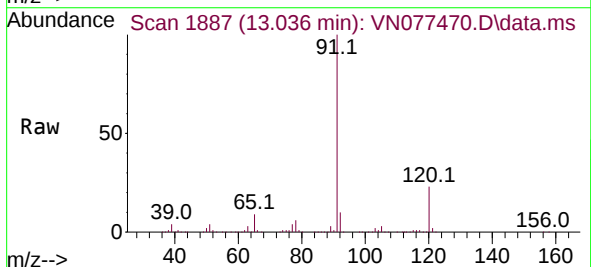
Manual Integrations
APPROVED

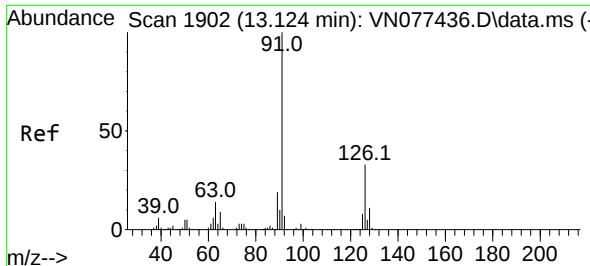
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#78
n-propylbenzene
Concen: 21.530 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Tgt Ion: 91 Resp: 945766
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





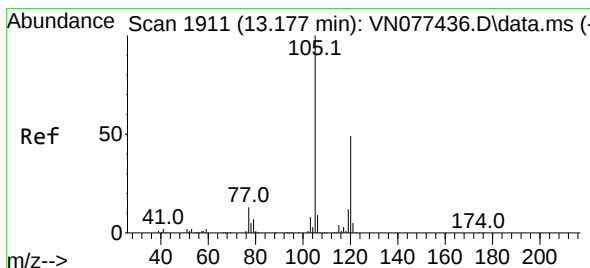
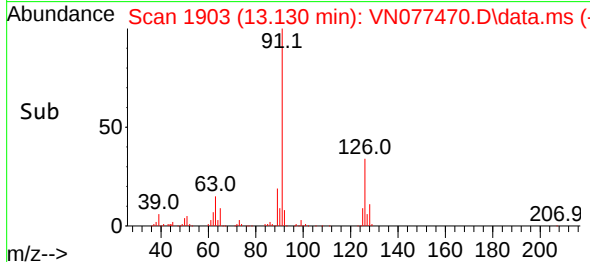
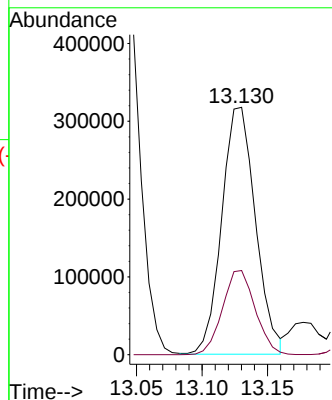
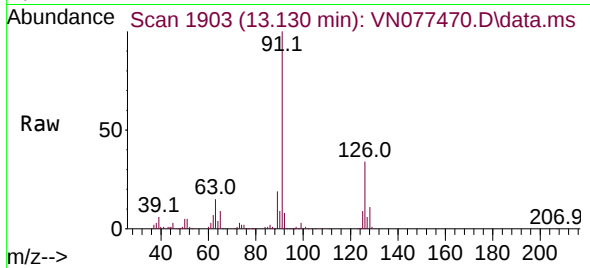
#79
2-Chlorotoluene
Concen: 20.978 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion: 91 Resp: 56816
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

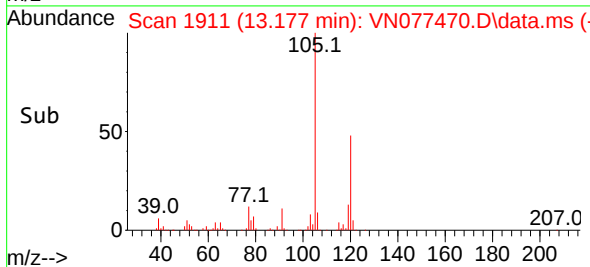
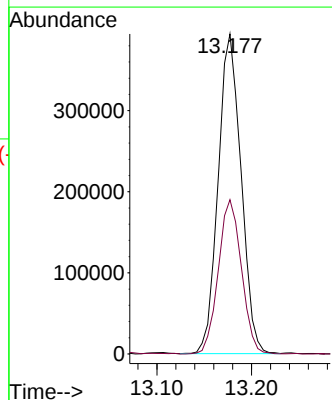
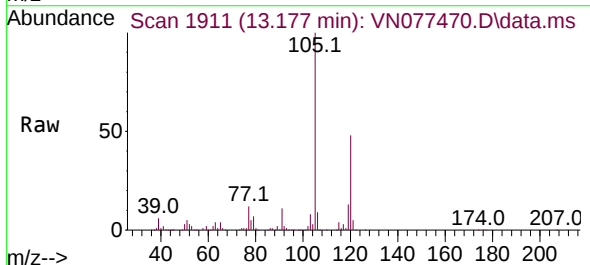
Manual Integrations
APPROVED

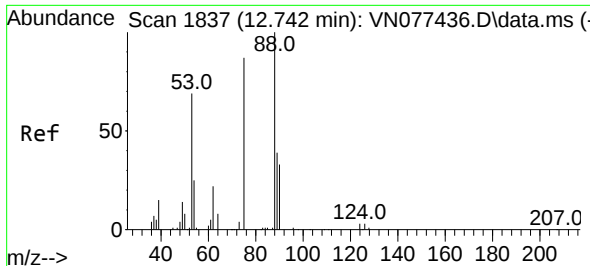
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.475 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

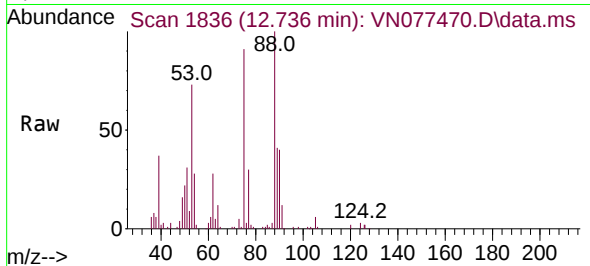
Tgt Ion:105 Resp: 663093
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 22.918 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

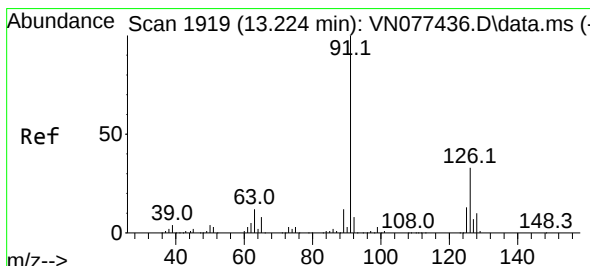
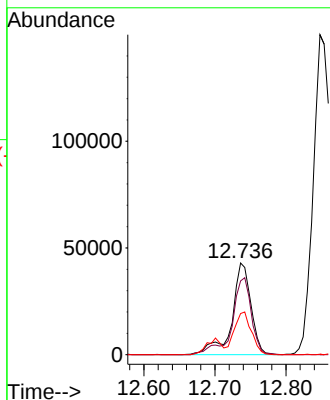
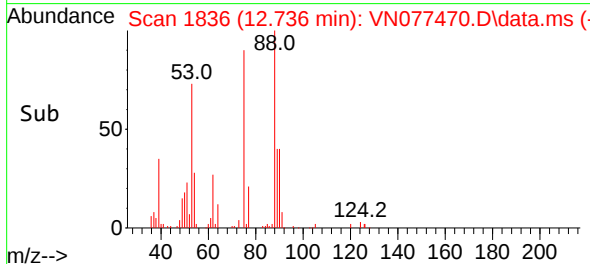
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01



Tgt Ion: 75 Resp: 8076
Ion Ratio Lower Upper
75 100
53 84.4 67.4 101.2
89 42.0 38.8 58.2

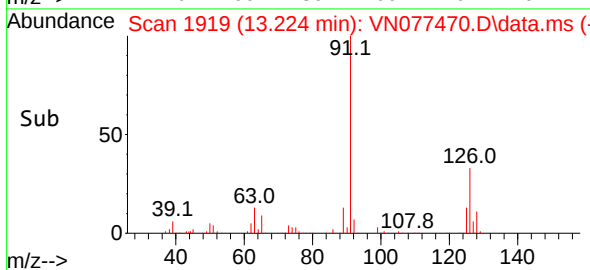
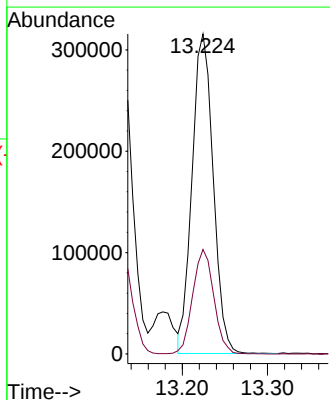
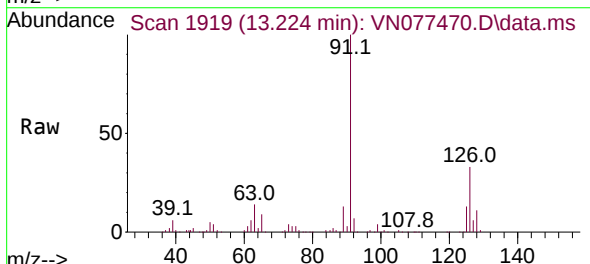
Manual Integrations
APPROVED

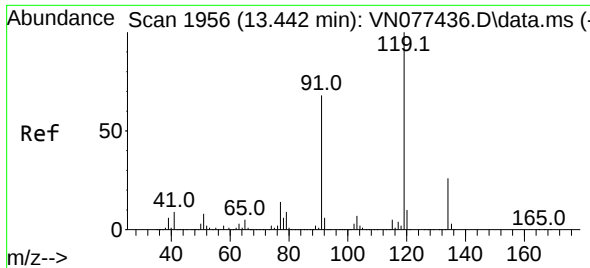
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 21.448 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Tgt Ion: 91 Resp: 542810
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





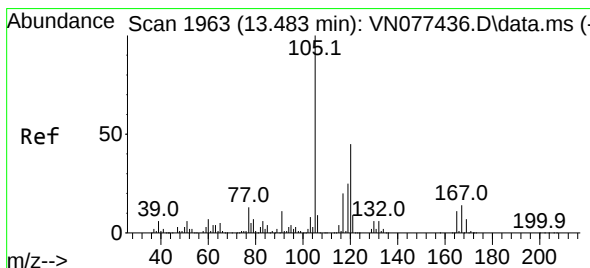
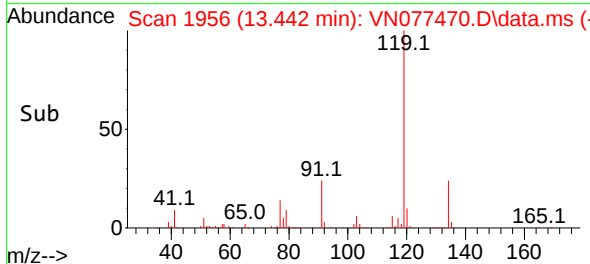
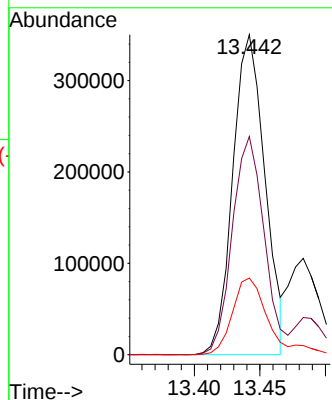
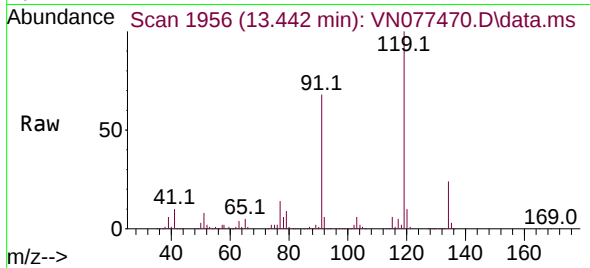
#83
tert-Butylbenzene
Concen: 20.826 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion:119 Resp: 59670
Ion Ratio Lower Upper
119 100
91 68.0 33.9 101.7
134 26.8 13.2 39.6

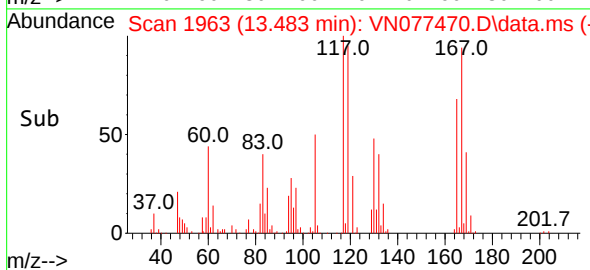
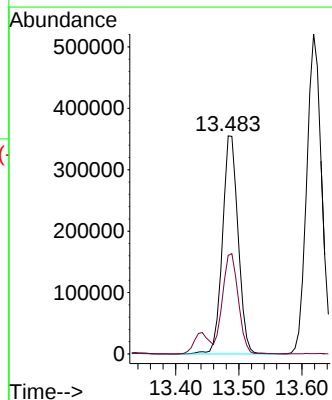
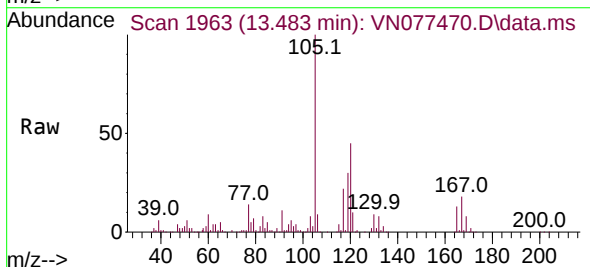
Manual Integrations
APPROVED

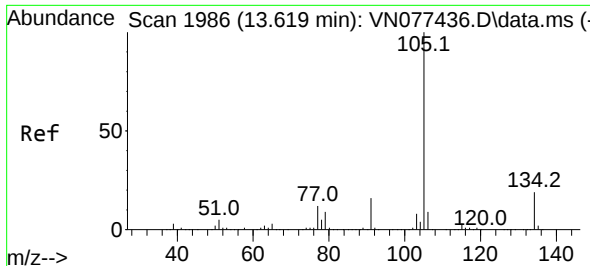
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.256 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

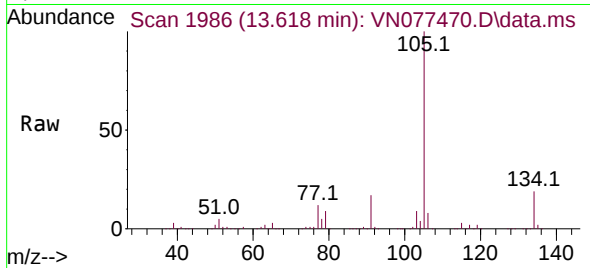
Tgt Ion:105 Resp: 613254
Ion Ratio Lower Upper
105 100
120 46.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.606 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077470.D
 Acq: 25 Apr 2023 15:17

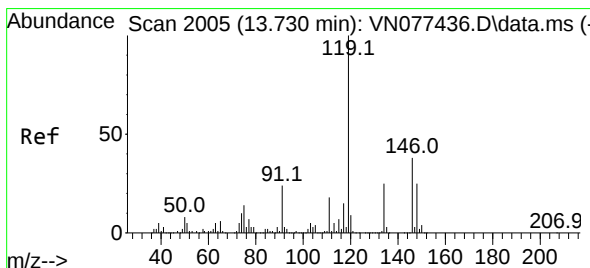
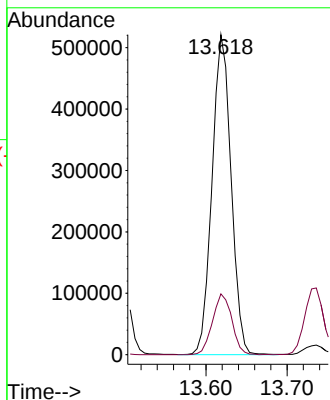
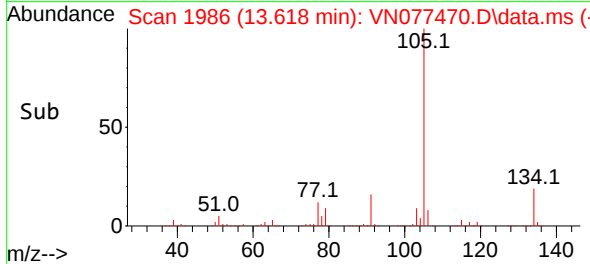
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01



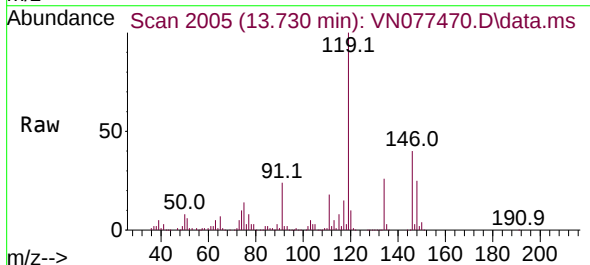
Tgt Ion:105 Resp: 84973
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

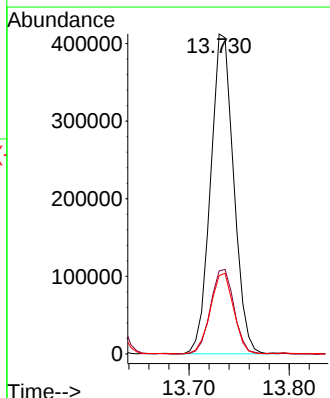
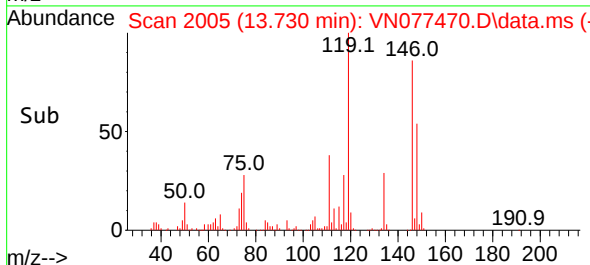
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

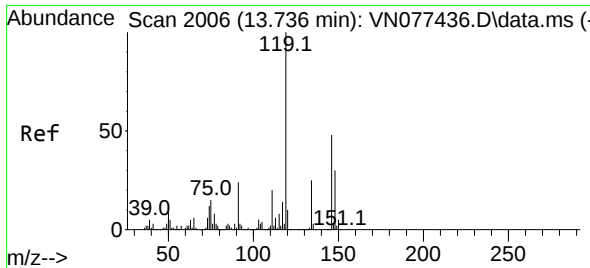


#86
 p-Isopropyltoluene
 Concen: 21.863 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077470.D
 Acq: 25 Apr 2023 15:17



Tgt Ion:119 Resp: 661558
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.8
 91 25.5 12.4 37.2





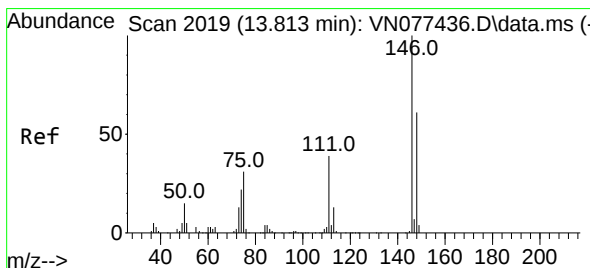
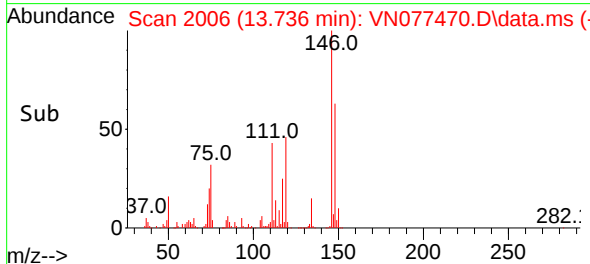
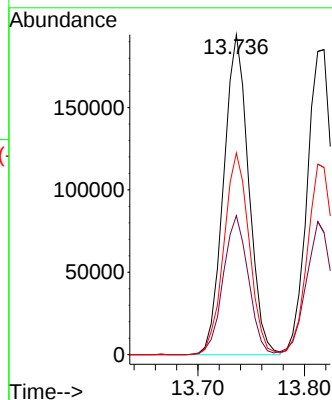
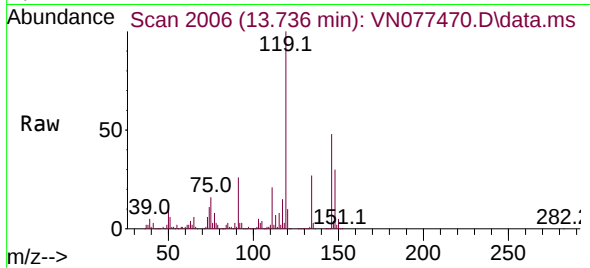
#87
1,3-Dichlorobenzene
Concen: 20.582 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBS01

Tgt Ion:146 Resp: 316932
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.3
148 63.9 32.0 96.0

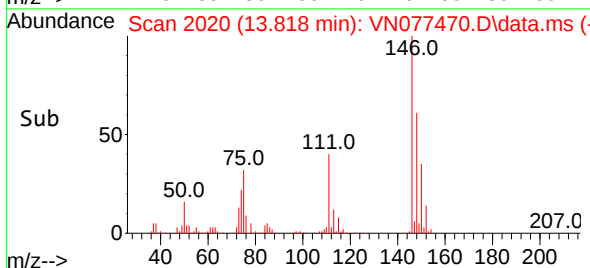
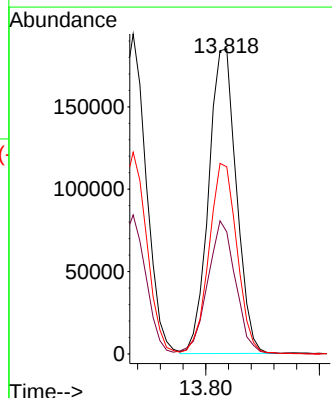
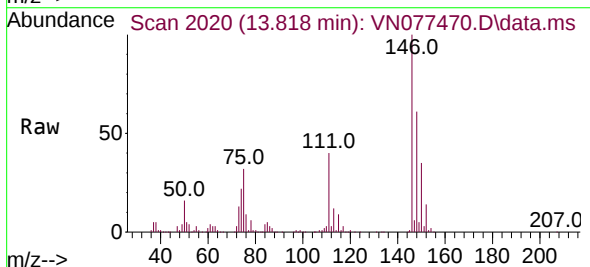
Manual Integrations
APPROVED

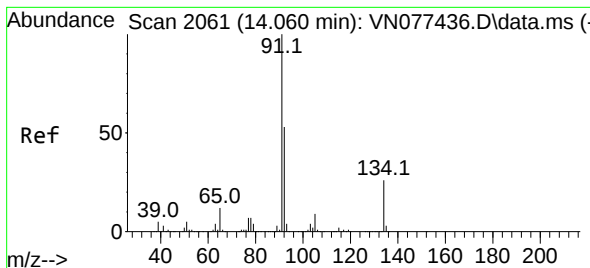
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#88
1,4-Dichlorobenzene
Concen: 20.628 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077470.D
Acq: 25 Apr 2023 15:17

Tgt Ion:146 Resp: 313637
Ion Ratio Lower Upper
146 100
111 43.9 20.6 61.8
148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 22.169 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

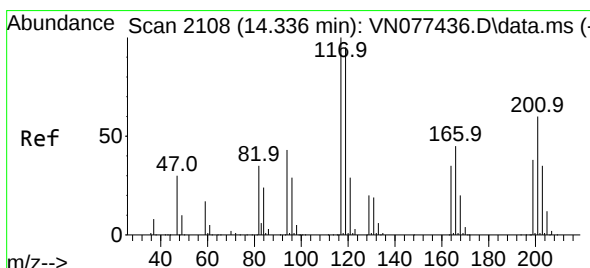
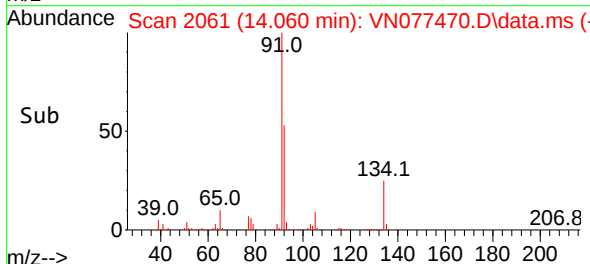
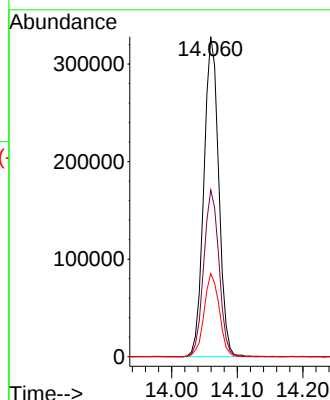
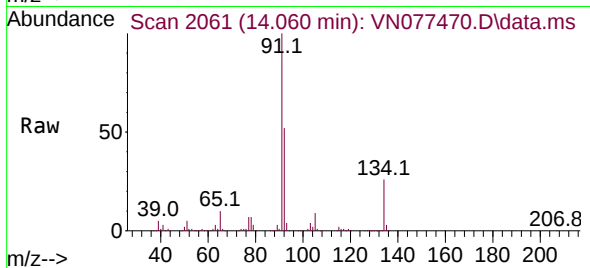
Tgt Ion:	91	Resp:	519134
Ion Ratio	Lower	Upper	
91	100		
92	53.6	26.4	79.0
134	26.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#90

Hexachloroethane

Concen: 19.789 ug/l

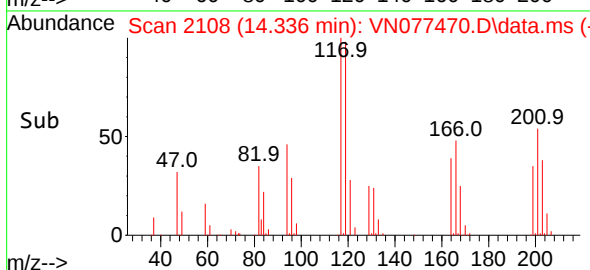
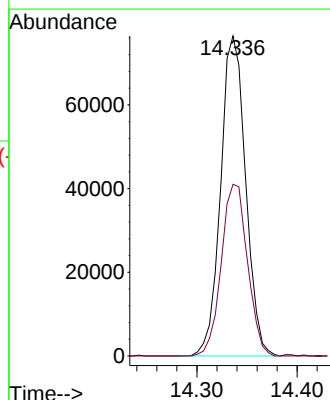
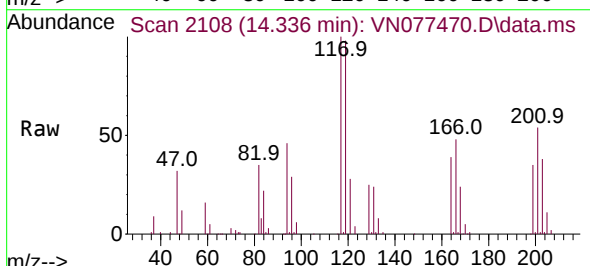
RT: 14.336 min Scan# 2108

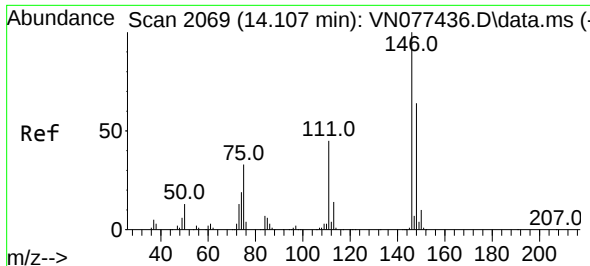
Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Tgt Ion:	117	Resp:	132287
Ion Ratio	Lower	Upper	
117	100		
201	56.2	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 20.923 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

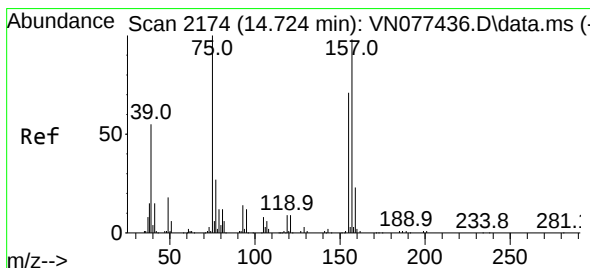
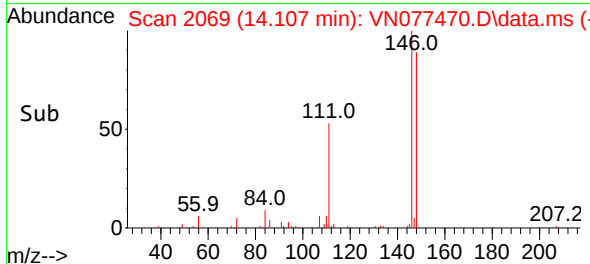
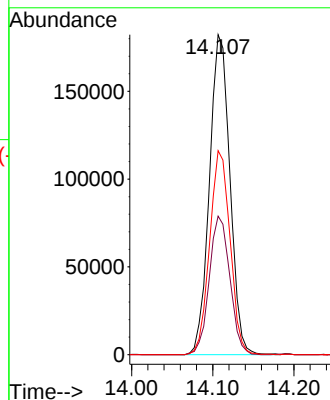
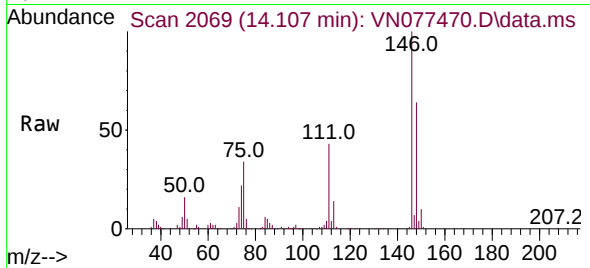
Tgt Ion:	146	Resp:	31954
Ion Ratio	Lower	Upper	
146	100		
111	43.5	22.0	66.0
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.749 ug/l

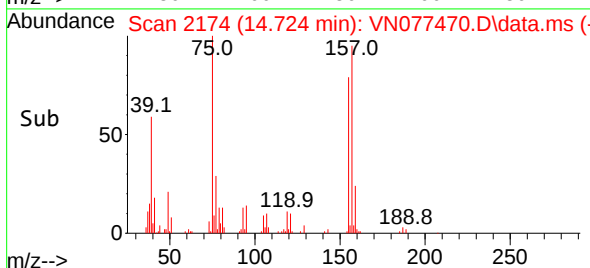
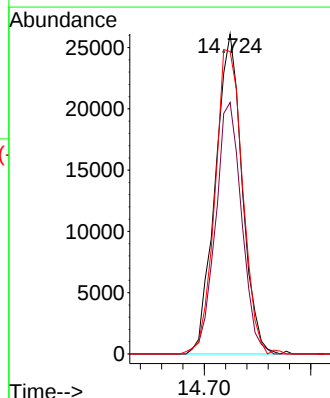
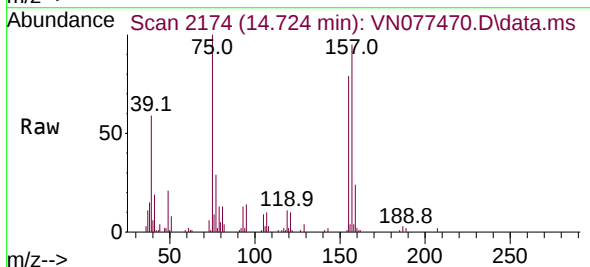
RT: 14.724 min Scan# 2174

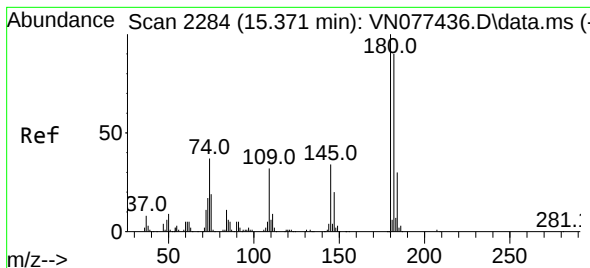
Delta R.T. 0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Tgt Ion:	75	Resp:	45589
Ion Ratio	Lower	Upper	
75	100		
155	76.6	39.1	117.2
157	97.8	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 21.750 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01

Tgt Ion:180 Resp: 8173

Ion Ratio Lower Upper

180 100

182 93.7 46.1 138.2

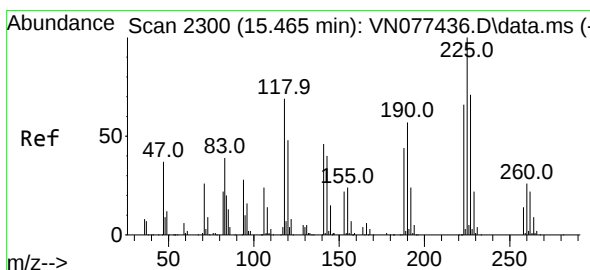
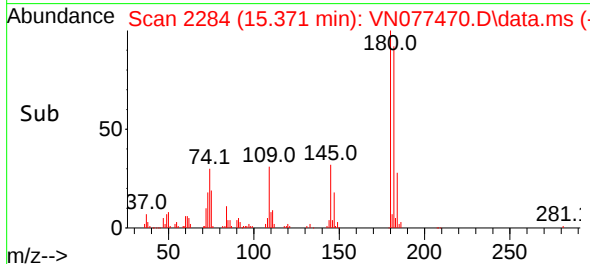
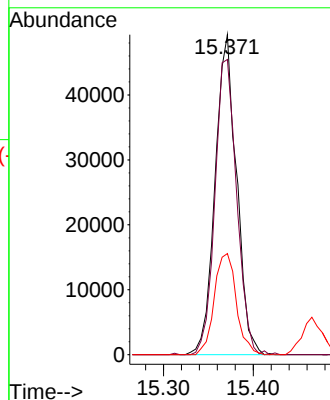
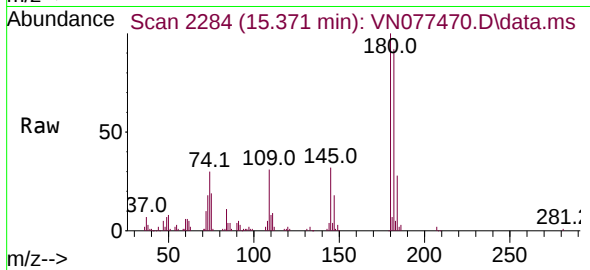
145 32.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#94

Hexachlorobutadiene

Concen: 21.459 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

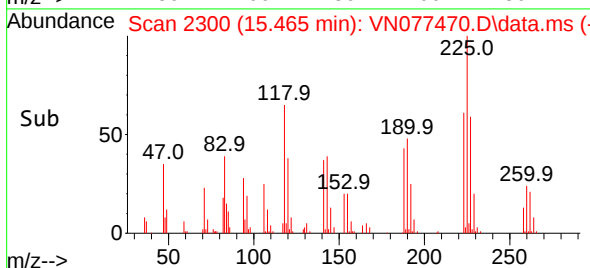
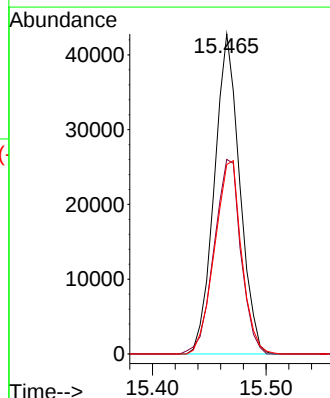
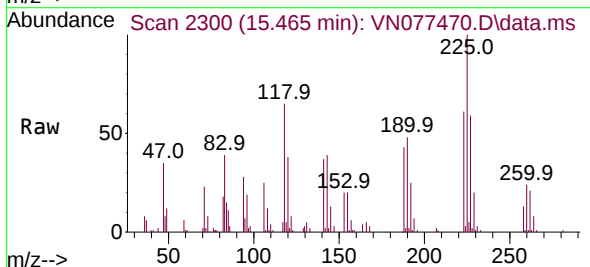
Tgt Ion:225 Resp: 66229

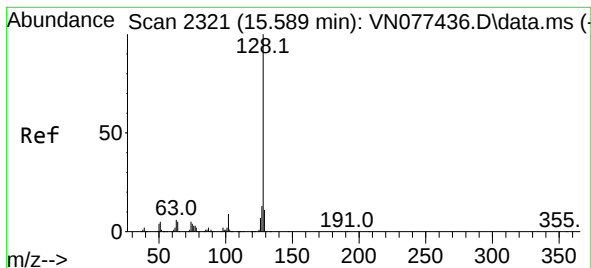
Ion Ratio Lower Upper

225 100

223 64.4 31.3 93.8

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 21.091 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077470.D

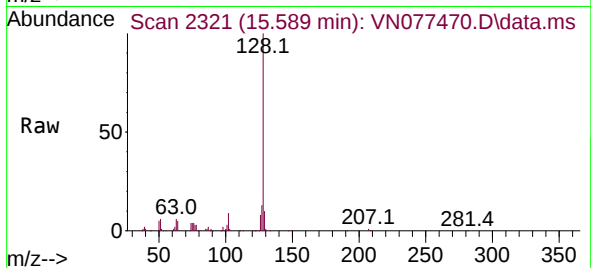
Acq: 25 Apr 2023 15:17

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBS01



Tgt Ion:128 Resp: 290520

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

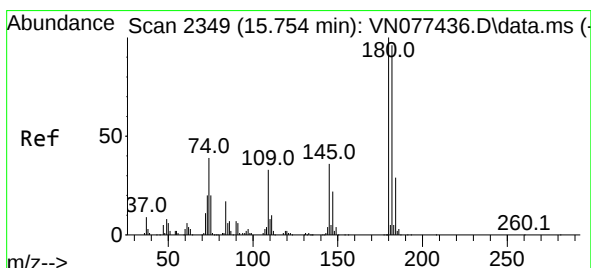
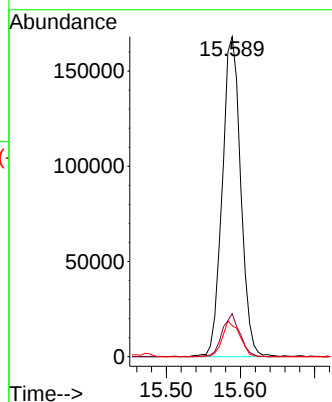
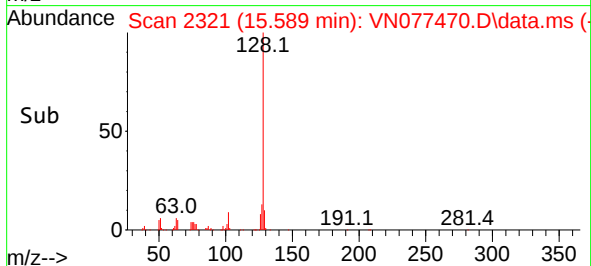
129 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.608 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077470.D

Acq: 25 Apr 2023 15:17

Tgt Ion:180 Resp: 75996

Ion Ratio Lower Upper

180 100

182 95.4 46.2 138.6

145 37.0 17.5 52.6

