

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077482.D
 Acq On : 25 Apr 2023 20:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 04:26:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	615134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1170302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1050544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	440992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	466263	58.088	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.180%			
35) Dibromofluoromethane	8.166	113	408277	58.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.080%			
50) Toluene-d8	10.566	98	1613836	59.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 119.720%#			
62) 4-Bromofluorobenzene	12.848	95	556066	63.045	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.080%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	456200	58.047	ug/l	100
3) Chloromethane	2.372	50	313723	50.879	ug/l	97
4) Vinyl Chloride	2.525	62	449028	54.665	ug/l	99
5) Bromomethane	2.943	94	342928	48.195	ug/l	100
6) Chloroethane	3.119	64	348343	55.819	ug/l	97
7) Trichlorofluoromethane	3.501	101	696056	57.653	ug/l	98
8) Diethyl Ether	3.972	74	249608	56.895	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.378	101	381697	54.362	ug/l	100
10) Methyl Iodide	4.601	142	409100	47.425	ug/l	99
11) Tert butyl alcohol	5.531	59	375351	291.290	ug/l	100
12) 1,1-Dichloroethene	4.354	96	379697	55.312	ug/l	92
13) Acrolein	4.190	56	314088	245.023	ug/l	97
14) Allyl chloride	5.031	41	414284	54.282	ug/l	96
15) Acrylonitrile	5.725	53	825412	282.364	ug/l	99
16) Acetone	4.437	43	623277	244.073	ug/l	96
17) Carbon Disulfide	4.725	76	904420	51.849	ug/l	98
18) Methyl Acetate	5.037	43	540374	54.797	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	1310993	57.425	ug/l	99
20) Methylene Chloride	5.284	84	431602	53.295	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	407244	54.862	ug/l	90
22) Diisopropyl ether	6.683	45	934148	53.331	ug/l	95
23) Vinyl Acetate	6.613	43	2920822	267.005	ug/l	99
24) 1,1-Dichloroethane	6.578	63	685285	55.269	ug/l	99
25) 2-Butanone	7.489	43	960278	265.129	ug/l	98
26) 2,2-Dichloropropane	7.495	77	617077	51.327	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	485432	55.218	ug/l	97
28) Bromochloromethane	7.819	49	261254	55.176	ug/l	93
29) Tetrahydrofuran	7.842	42	622486	274.304	ug/l	97
30) Chloroform	7.972	83	798370	57.135	ug/l	95
31) Cyclohexane	8.260	56	557937	49.068	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	740063	57.607	ug/l	98
36) 1,1-Dichloropropene	8.377	75	574419	56.525	ug/l	99
37) Ethyl Acetate	7.566	43	418477	54.192	ug/l	99
38) Carbon Tetrachloride	8.366	117	633021	56.459	ug/l	99
39) Methylcyclohexane	9.601	83	739838	55.258	ug/l	98
40) Benzene	8.613	78	1709794	55.230	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	203814	50.676	ug/l	90
42) 1,2-Dichloroethane	8.672	62	574825	54.061	ug/l	99
43) Isopropyl Acetate	8.689	43	726038	54.348	ug/l	97
44) Trichloroethene	9.354	130	447513	56.458	ug/l	98
45) 1,2-Dichloropropane	9.624	63	399965	55.154	ug/l	97
46) Dibromomethane	9.713	93	318805	54.180	ug/l	97
47) Bromodichloromethane	9.889	83	630223	55.371	ug/l	96
48) Methyl methacrylate	9.683	41	319917	52.609	ug/l	96
49) 1,4-Dioxane	9.695	88	178535	1170.482	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	2111115	269.421	ug/l	97
52) Toluene	10.630	92	1153996	56.901	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	674058	58.486	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	721456	57.510	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	465234	57.047	ug/l	95
56) Ethyl methacrylate	10.877	69	669028	58.545	ug/l #	92
57) 1,3-Dichloropropane	11.166	76	738839	56.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	1081734	279.866	ug/l	99
59) 2-Hexanone	11.195	43	1550705	272.257	ug/l	97
60) Dibromochloromethane	11.360	129	484936	57.295	ug/l	98
61) 1,2-Dibromoethane	11.471	107	474248	56.959	ug/l	97
64) Tetrachloroethene	11.107	164	344216	54.736	ug/l	98
65) Chlorobenzene	11.895	112	1233738	55.498	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	436981	54.028	ug/l	98
67) Ethyl Benzene	11.966	91	2238400	57.199	ug/l	100
68) m/p-Xylenes	12.071	106	1732243	113.891	ug/l	100
69) o-Xylene	12.401	106	872485	58.320	ug/l	99
70) Styrene	12.413	104	1388366	59.342	ug/l	99
71) Bromoform	12.577	173	310141	58.612	ug/l #	99
73) Isopropylbenzene	12.695	105	2261337	55.260	ug/l	100
74) N-amyl acetate	12.495	43	614019	50.681	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	653813	50.849	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	469816m	45.814	ug/l	
77) Bromobenzene	12.983	156	463364	51.955	ug/l	99
78) n-propylbenzene	13.036	91	2587824	57.193	ug/l	100
79) 2-Chlorotoluene	13.124	91	1511529	54.181	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1883036	61.962	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	199801	55.045	ug/l	99
82) 4-Chlorotoluene	13.224	91	1449202	55.592	ug/l	100
83) tert-Butylbenzene	13.442	119	1597932	54.144	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1825656	64.325	ug/l	99
85) sec-Butylbenzene	13.618	105	2253474	55.629	ug/l	100
86) p-Isopropyltoluene	13.730	119	1823602	58.509	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	855895	53.962	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	858615	54.826	ug/l	100
89) n-Butylbenzene	14.059	91	1549011	64.220	ug/l	100
90) Hexachloroethane	14.336	117	357649	51.940	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	856113	54.420	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	129456	54.446	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	325387	59.720	ug/l	99
94) Hexachlorobutadiene	15.465	225	173957	54.721	ug/l	99
95) Naphthalene	15.589	128	1320168	62.166	ug/l	99
96) 1,2,3-Trichlorobenzene	15.753	180	300658	59.165	ug/l	98

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Instrument :
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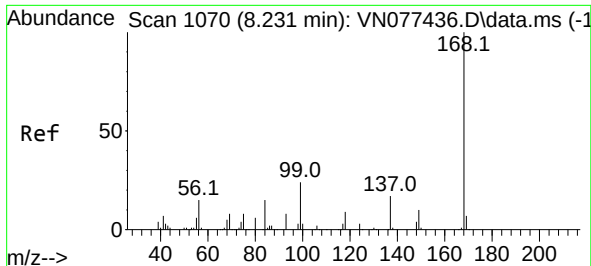
Manual Integrations
APPROVED

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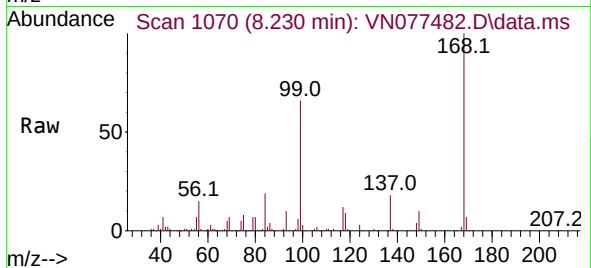
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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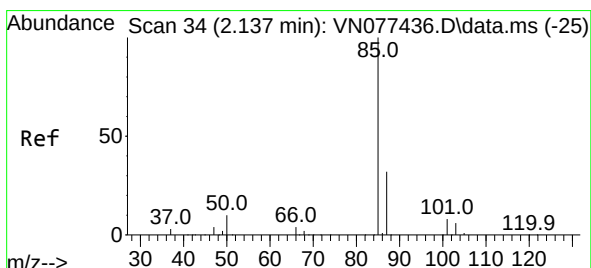
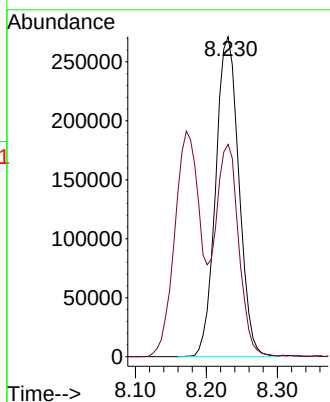
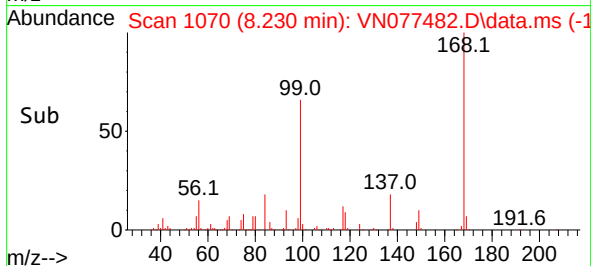
Instrument :
MSVOA_N
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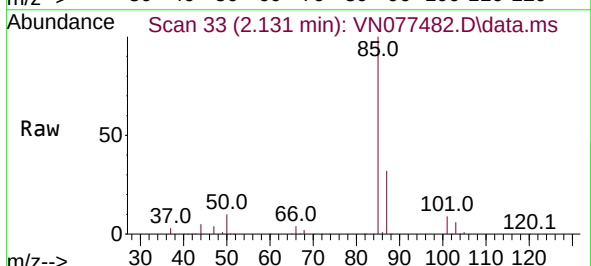
Tgt Ion:168 Resp: 615134
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6

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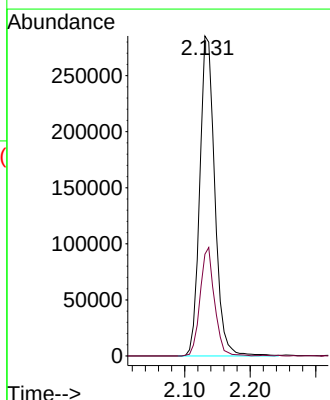
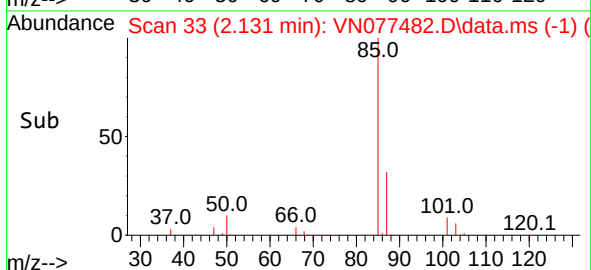
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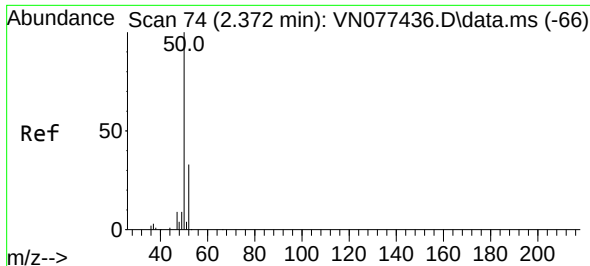


#2
Dichlorodifluoromethane
Concen: 58.047 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



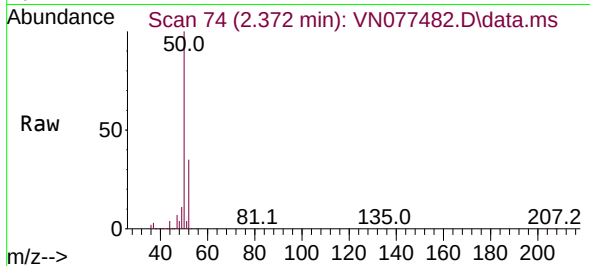
Tgt Ion: 85 Resp: 456200
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 50.879 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

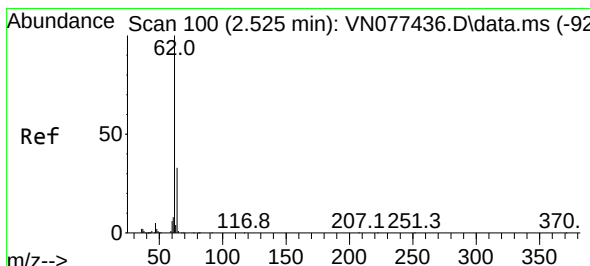
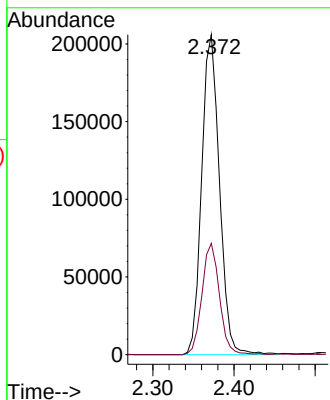
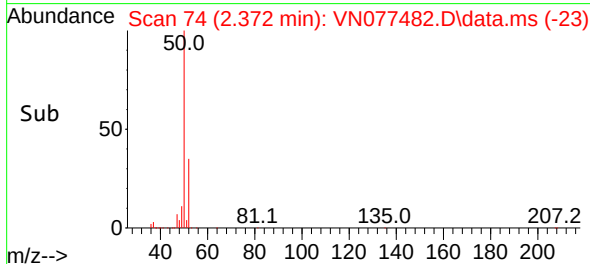
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Tgt Ion: 50 Resp: 31372
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7

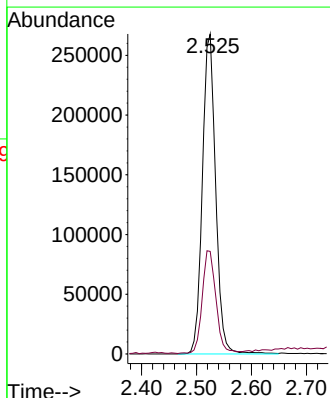
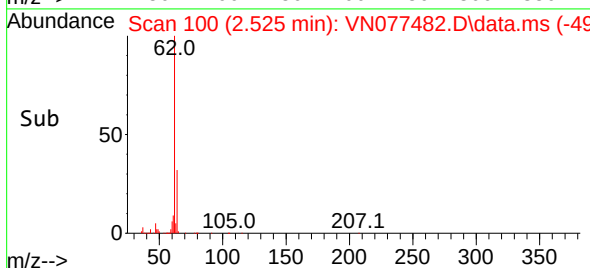
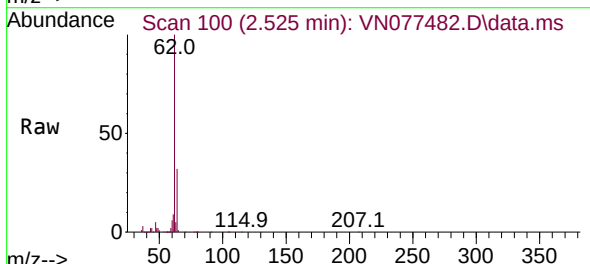
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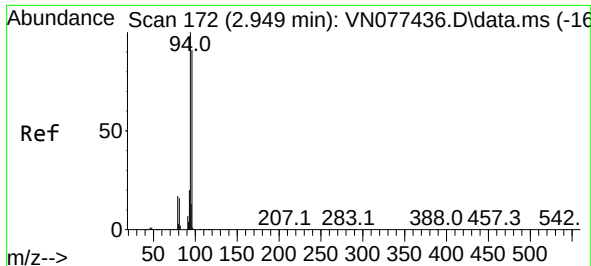
Reviewed By :John Carlone 04/26/2023
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#4
Vinyl Chloride
Concen: 54.665 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077482.D
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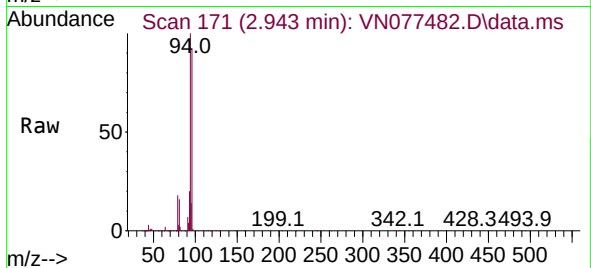
Tgt Ion: 62 Resp: 449028
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





#5
Bromomethane
Concen: 48.195 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

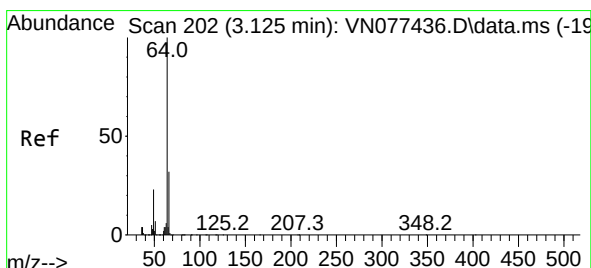
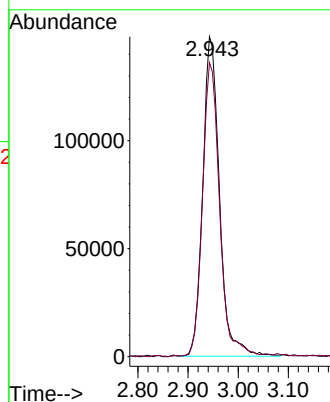
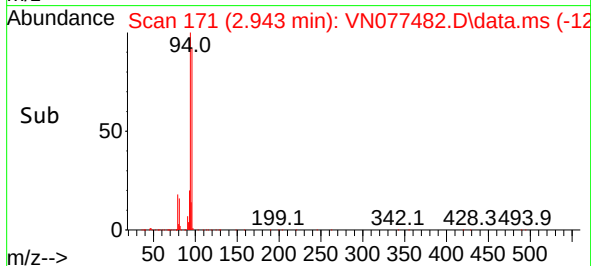
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Tgt Ion: 94 Resp: 342928
Ion Ratio Lower Upper
94 100
96 91.7 73.1 109.7

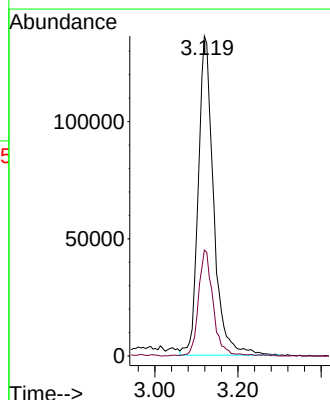
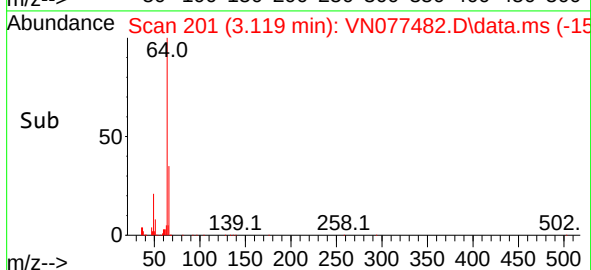
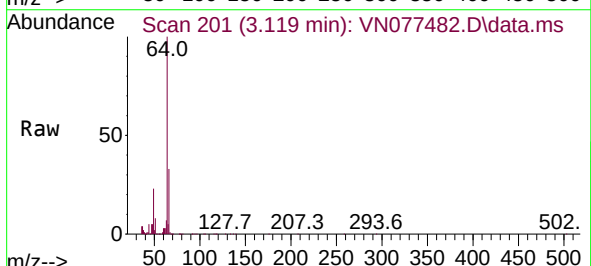
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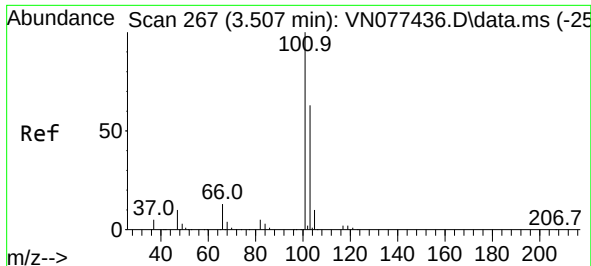
Reviewed By :John Carlone 04/26/2023
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#6
Chloroethane
Concen: 55.819 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077482.D
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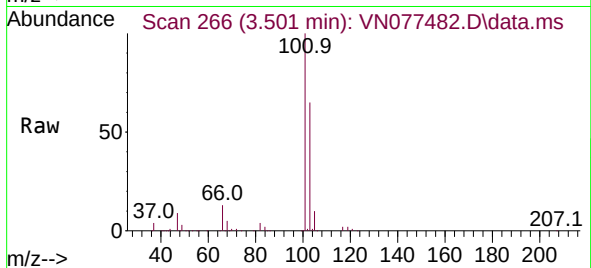
Tgt Ion: 64 Resp: 348343
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 57.653 ug/l
 RT: 3.501 min Scan# 266
 Delta R.T. -0.006 min
 Lab File: VN077482.D
 Acq: 25 Apr 2023 20:22

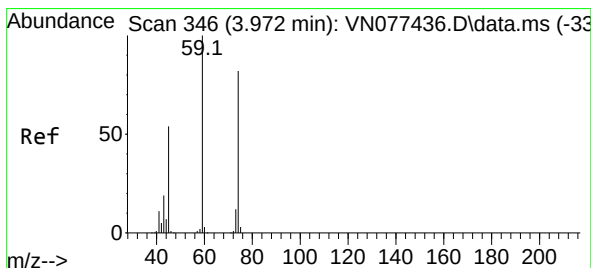
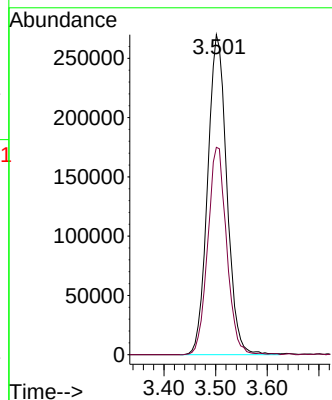
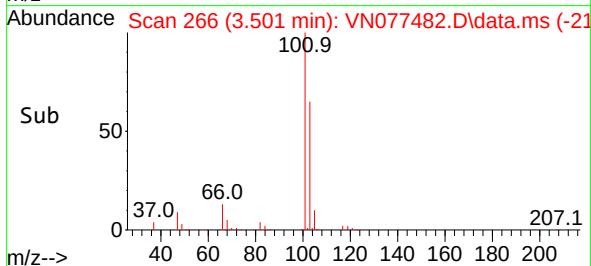
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 69605
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.7 76.1

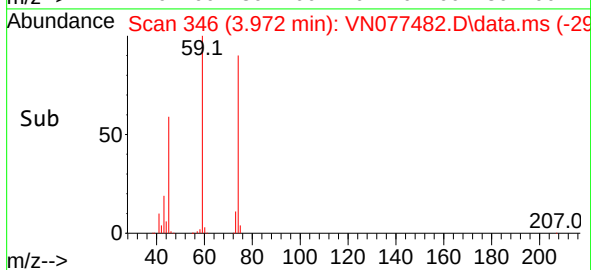
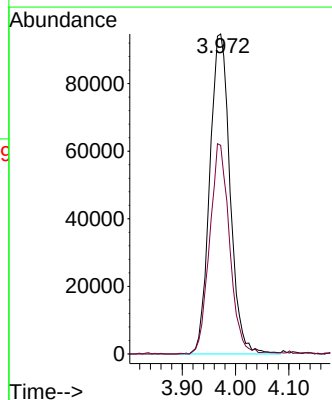
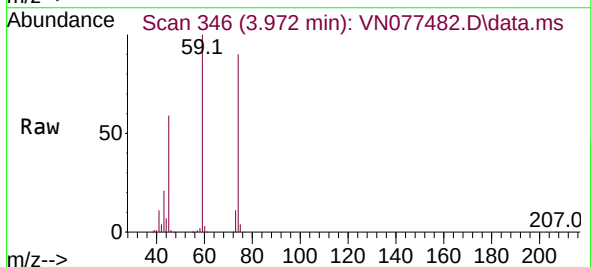
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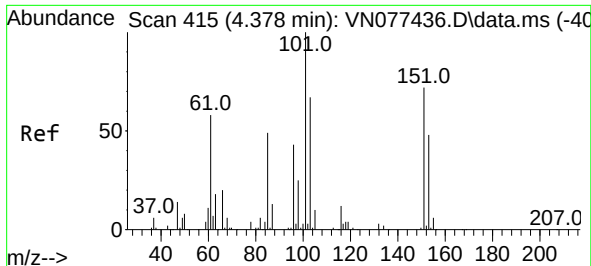
Reviewed By :John Carlone 04/26/2023
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#8
 Diethyl Ether
 Concen: 56.895 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
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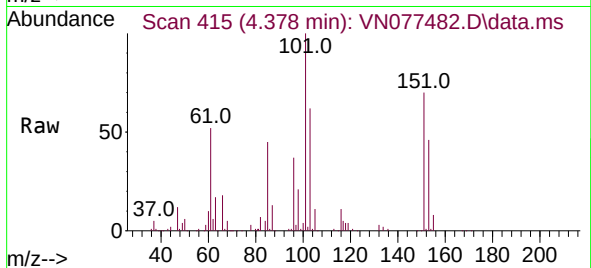
Tgt Ion: 74 Resp: 249608
 Ion Ratio Lower Upper
 74 100
 45 64.4 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.362 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077482.D
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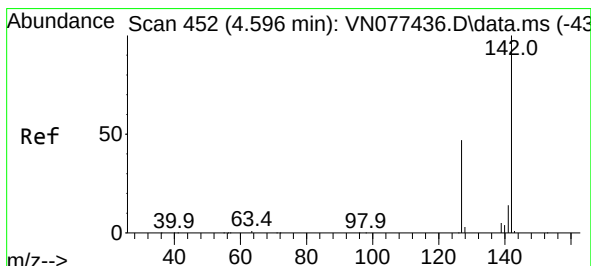
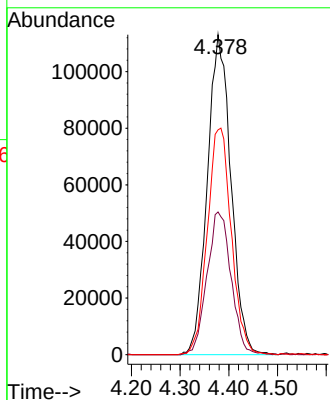
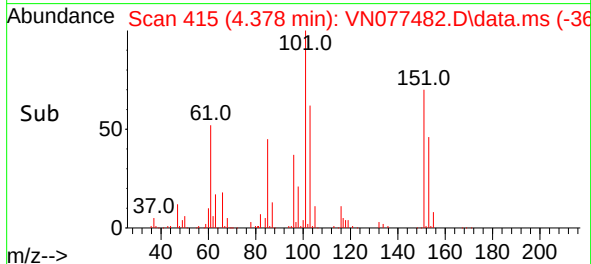
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



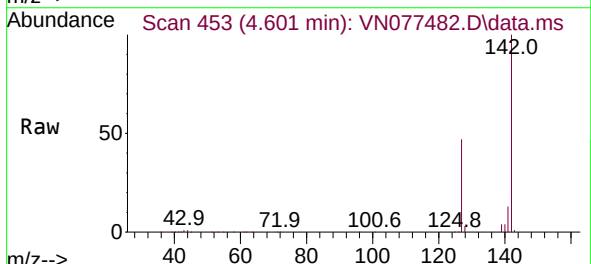
Tgt Ion:101 Resp: 38169
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 71.7 57.6 86.4

Manual Integrations
APPROVED

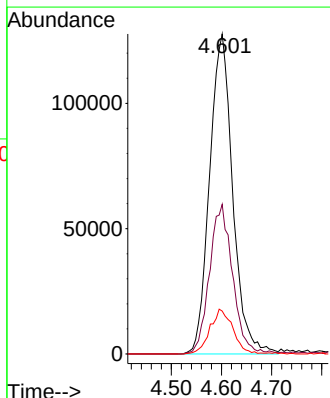
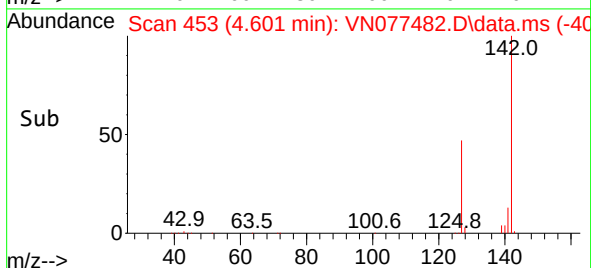
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

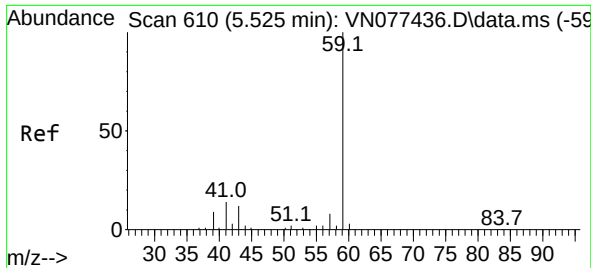


#10
Methyl Iodide
Concen: 47.425 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



Tgt Ion:142 Resp: 409100
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 13.4 11.4 17.0





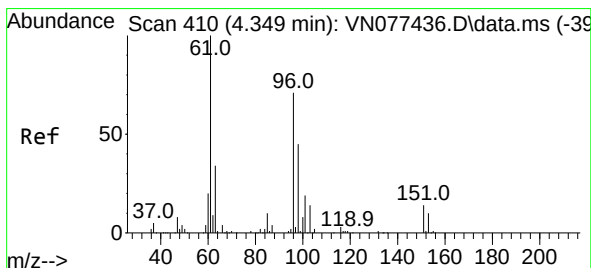
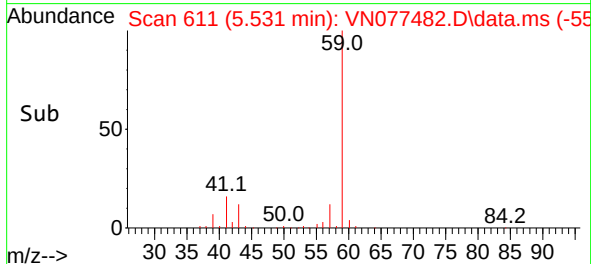
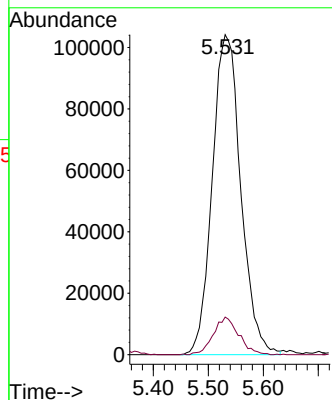
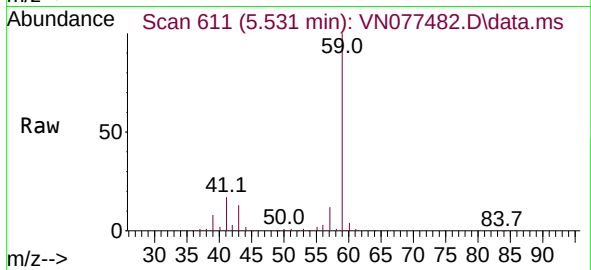
#11
Tert butyl alcohol
Concen: 291.290 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 37535
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

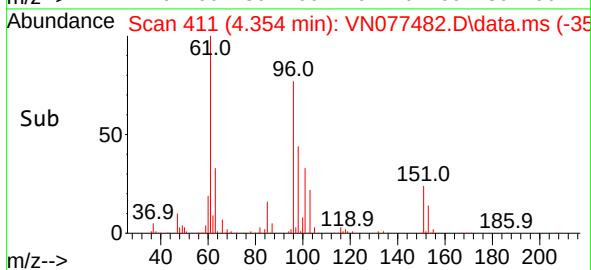
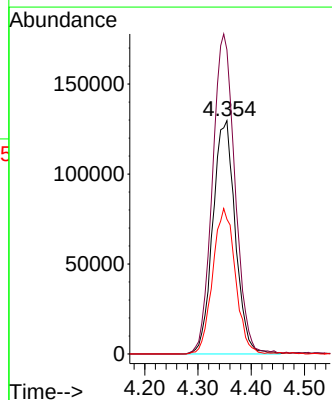
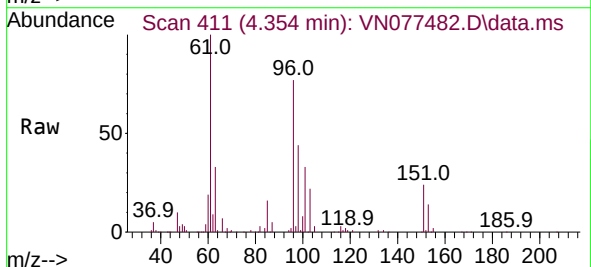
Manual Integrations
APPROVED

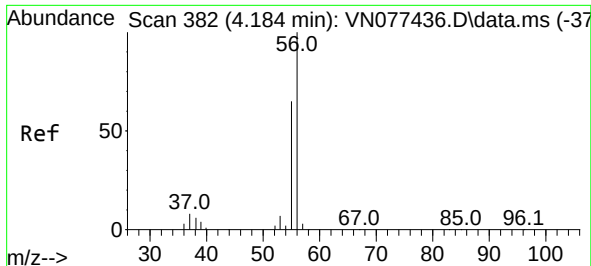
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#12
1,1-Dichloroethene
Concen: 55.312 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

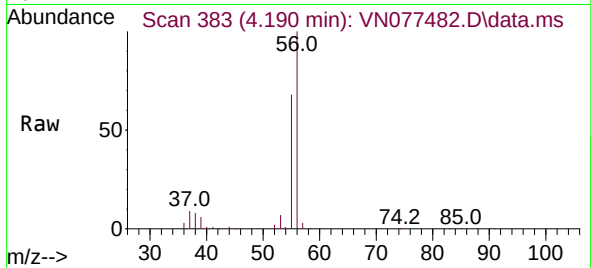
Tgt Ion: 96 Resp: 379697
Ion Ratio Lower Upper
96 100
61 130.4 112.7 169.1
98 57.7 51.2 76.8





#13
Acrolein
Concen: 245.023 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

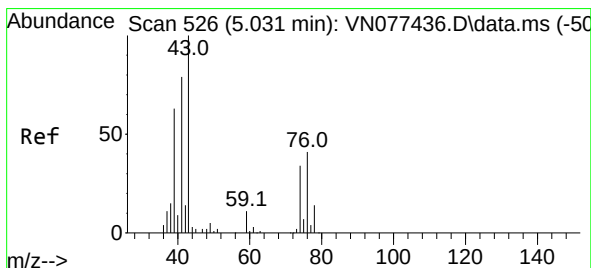
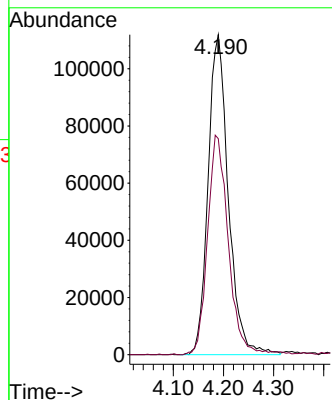
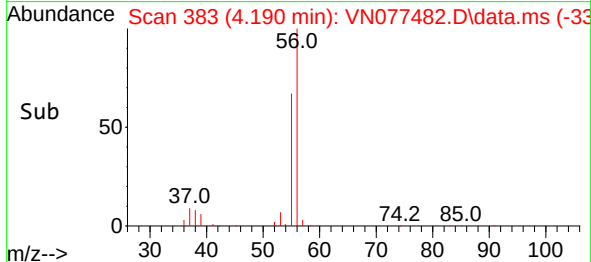
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 314088
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

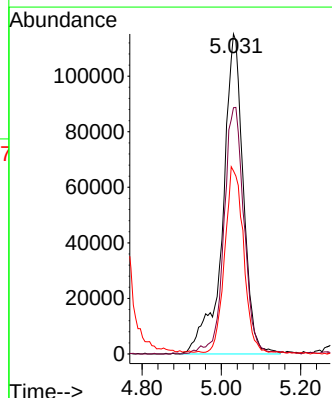
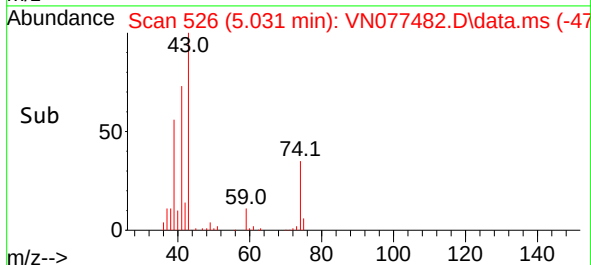
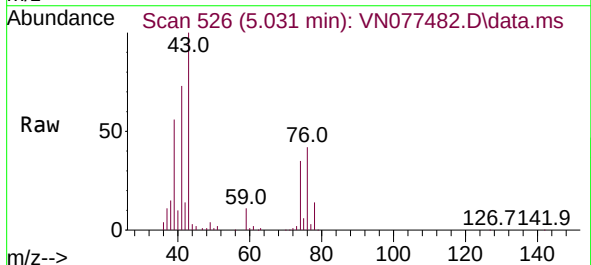
Manual Integrations
APPROVED

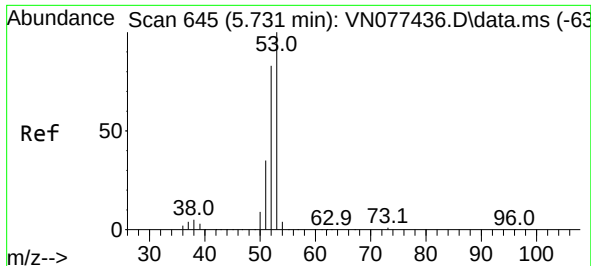
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Allyl chloride
Concen: 54.282 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

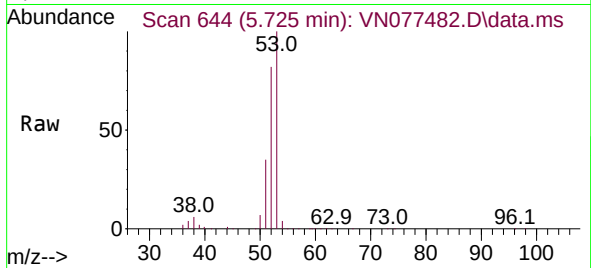
Tgt Ion: 41 Resp: 414284
Ion Ratio Lower Upper
41 100
39 75.1 58.8 88.2
76 53.3 39.1 58.7





#15
Acrylonitrile
Concen: 282.364 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

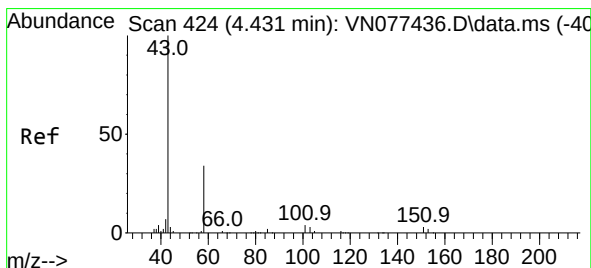
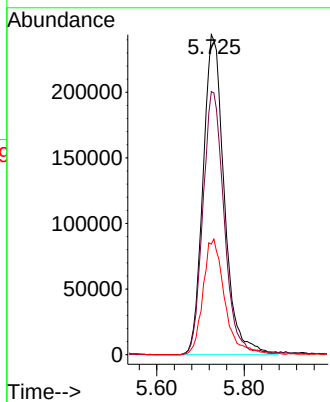
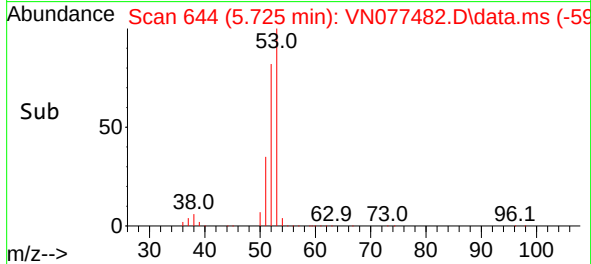
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 825412
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.8 28.9 43.3

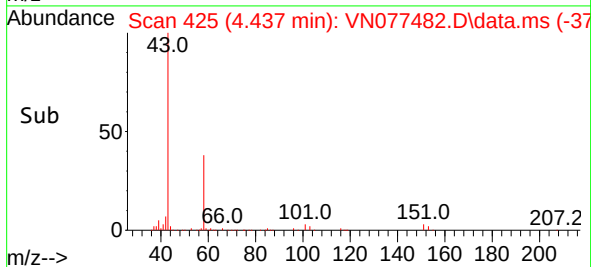
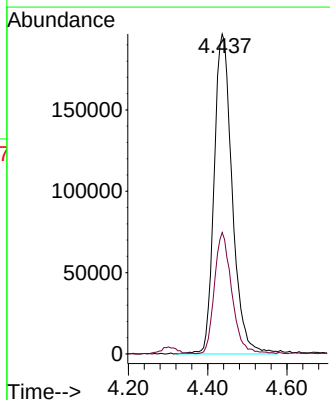
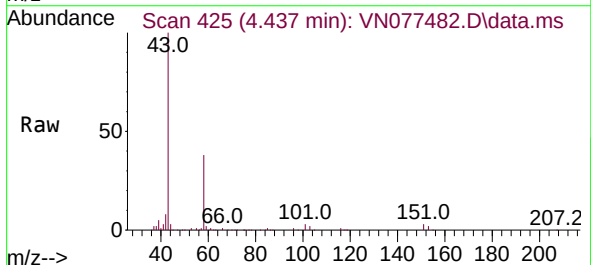
Manual Integrations
APPROVED

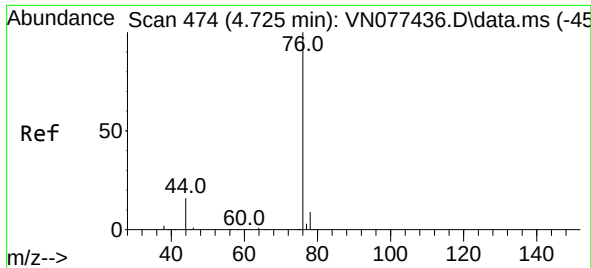
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#16
Acetone
Concen: 244.073 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

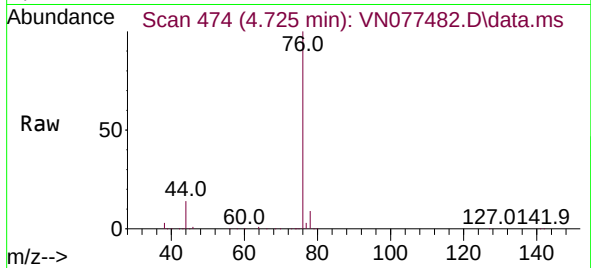
Tgt Ion: 43 Resp: 623277
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0





#17
Carbon Disulfide
Concen: 51.849 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

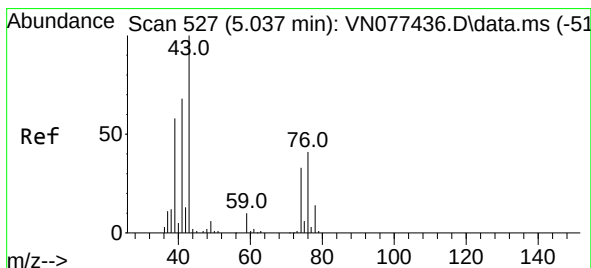
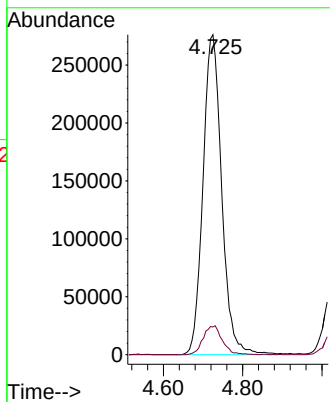
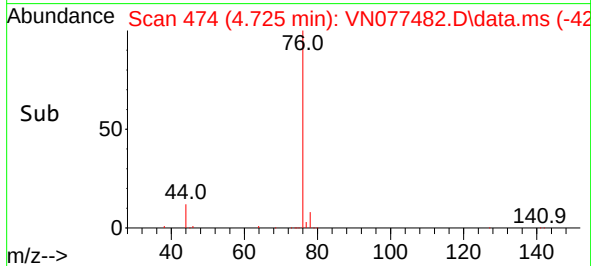
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 904420
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

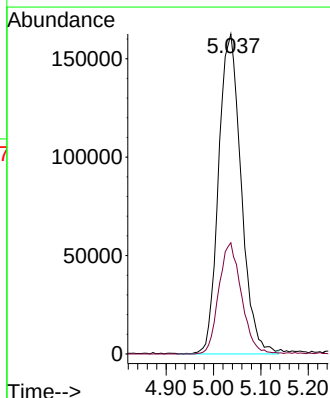
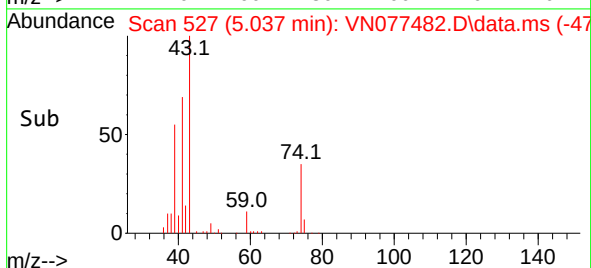
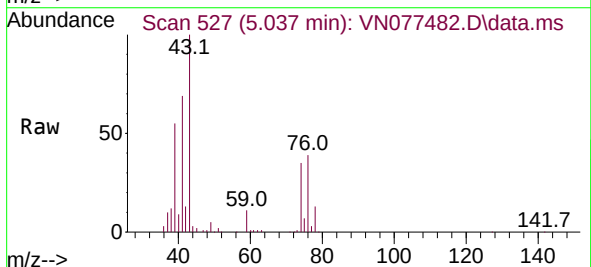
Manual Integrations
APPROVED

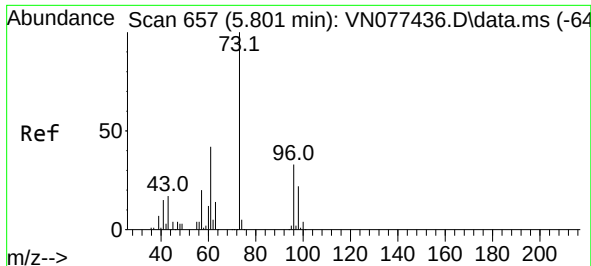
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#18
Methyl Acetate
Concen: 54.797 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

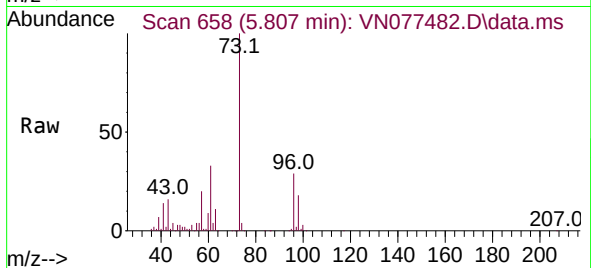
Tgt Ion: 43 Resp: 540374
Ion Ratio Lower Upper
43 100
74 34.7 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 57.425 ug/l
RT: 5.807 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

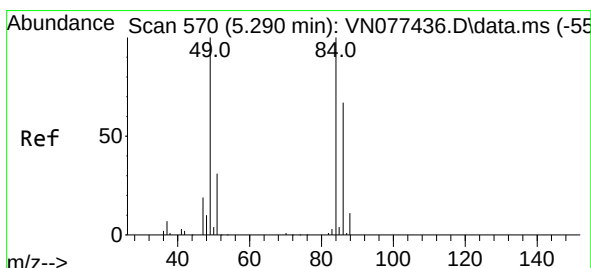
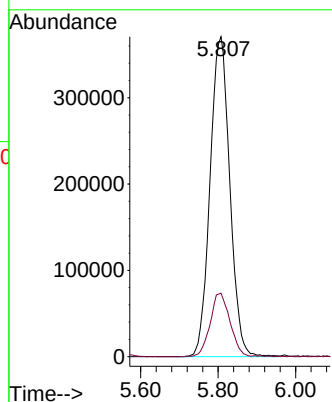
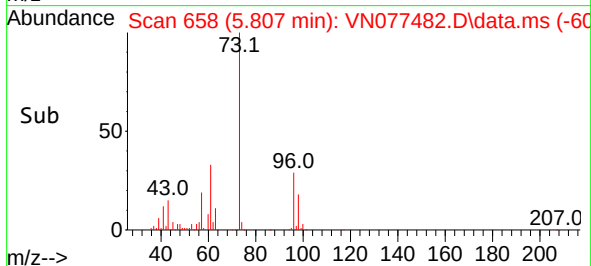
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 131099
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4

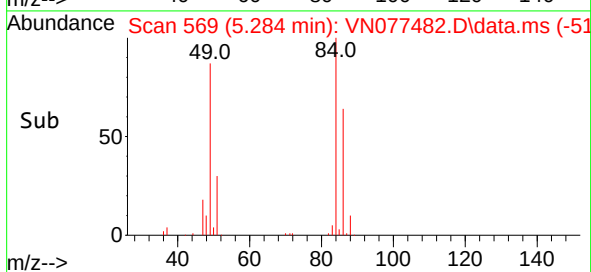
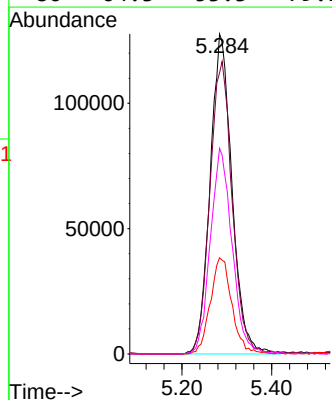
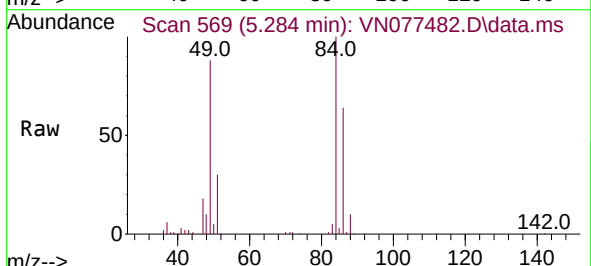
Manual Integrations
APPROVED

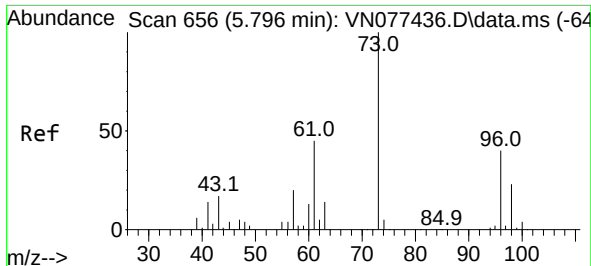
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 53.295 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

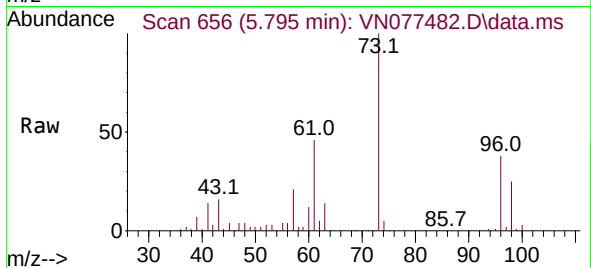
Tgt Ion: 84 Resp: 431602
Ion Ratio Lower Upper
84 100
49 87.9 79.7 119.5
51 30.1 25.2 37.8
86 64.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 54.862 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

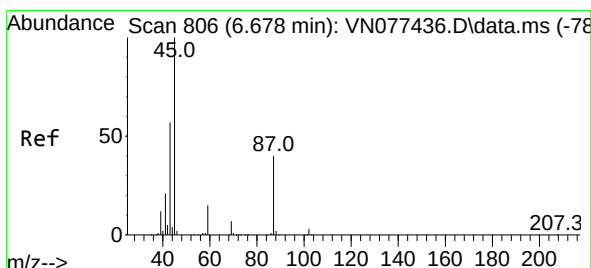
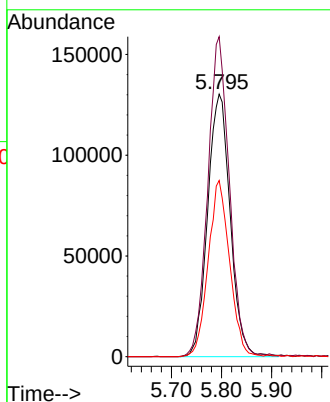
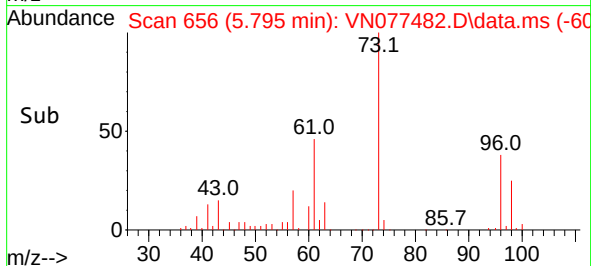
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



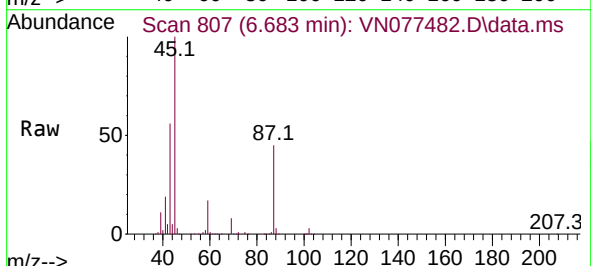
Tgt Ion: 96 Resp: 407244
Ion Ratio Lower Upper
96 100
61 121.9 90.1 135.1
98 67.1 46.4 69.6

Manual Integrations
APPROVED

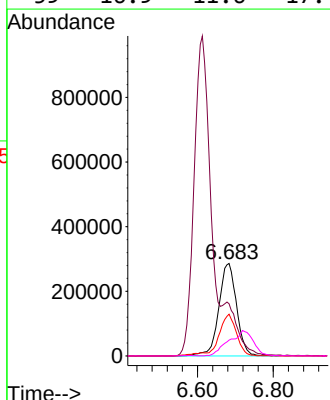
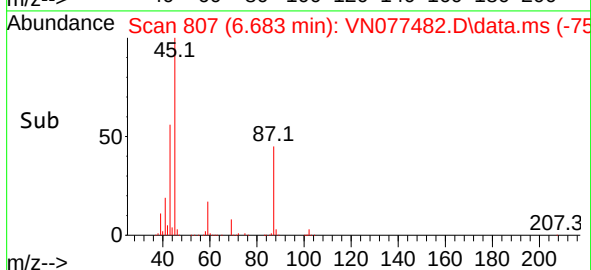
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

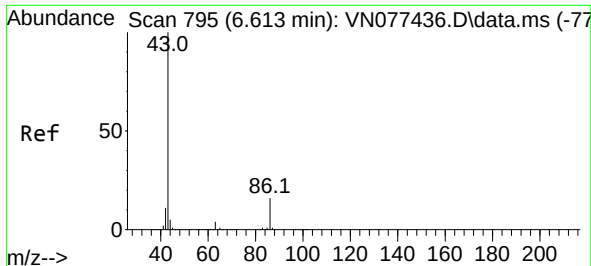


#22
Diisopropyl ether
Concen: 53.331 ug/l
RT: 6.683 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



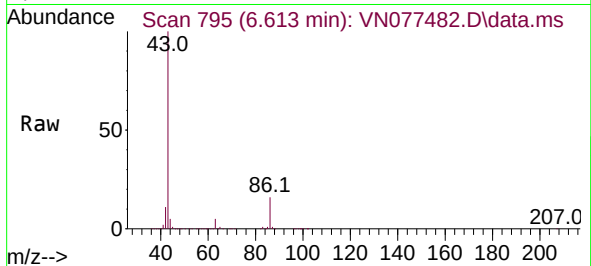
Tgt Ion: 45 Resp: 934148
Ion Ratio Lower Upper
45 100
43 55.8 45.5 68.3
87 45.1 31.8 47.8
59 16.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 267.005 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077482.D
 Acq: 25 Apr 2023 20:22

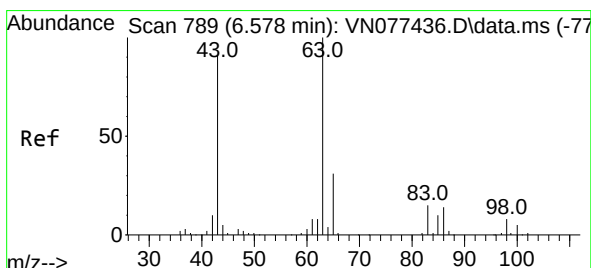
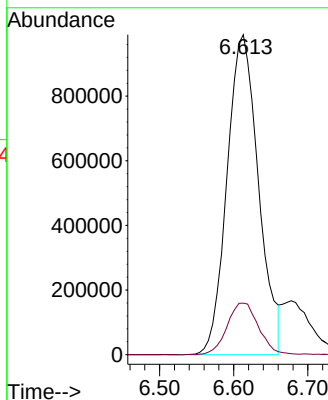
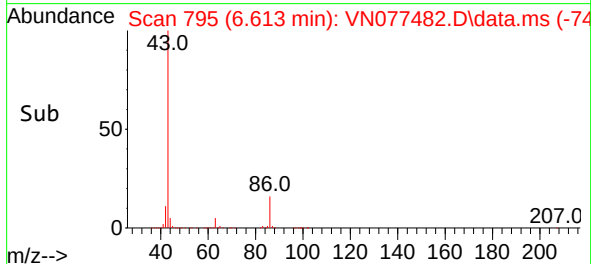
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



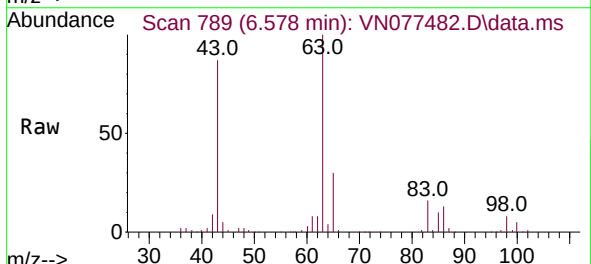
Tgt Ion: 43 Resp: 292082
 Ion Ratio Lower Upper
 43 100
 86 16.1 13.0 19.6

Manual Integrations
 APPROVED

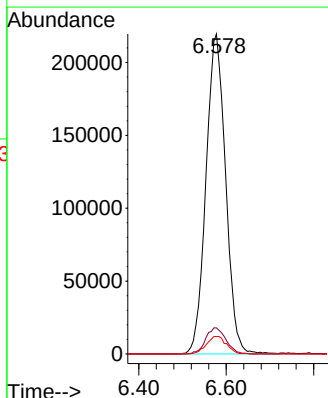
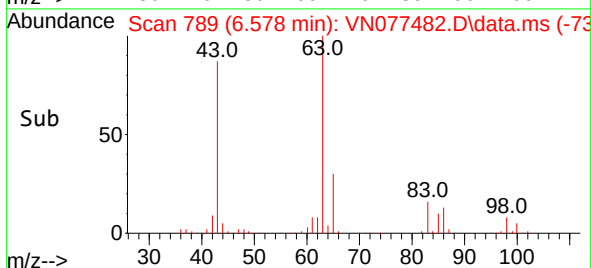
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

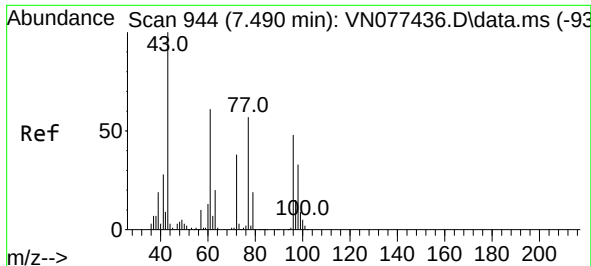


#24
 1,1-Dichloroethane
 Concen: 55.269 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077482.D
 Acq: 25 Apr 2023 20:22



Tgt Ion: 63 Resp: 685285
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.4 2.5 7.4





#25

2-Butanone

Concen: 265.129 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 960278

Ion Ratio Lower Upper

43 100

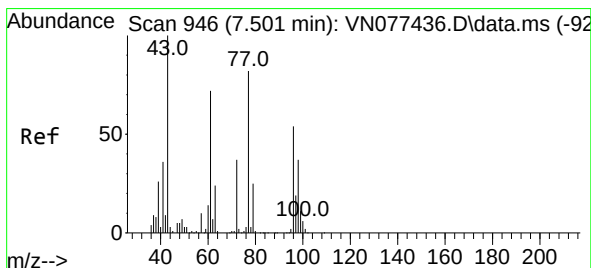
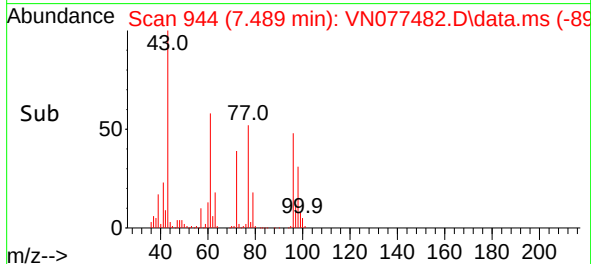
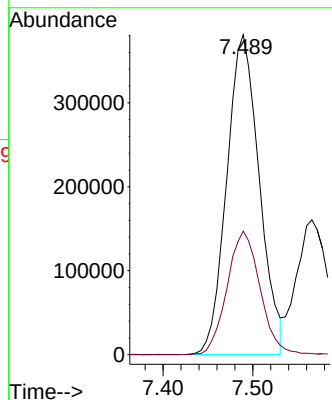
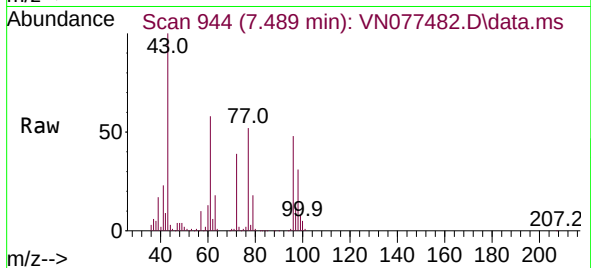
72 38.6 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#26

2,2-Dichloropropane

Concen: 51.327 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077482.D

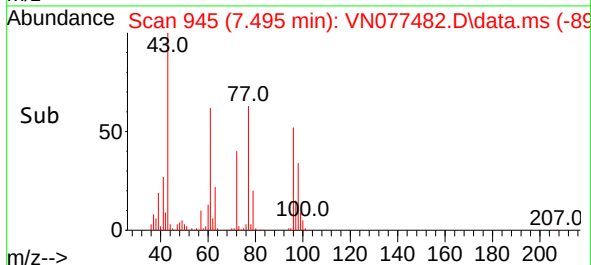
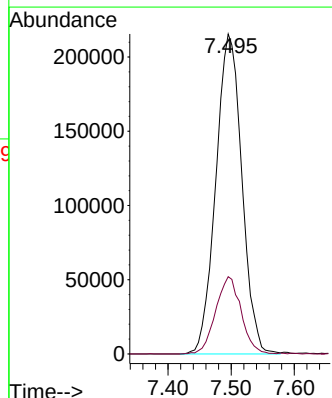
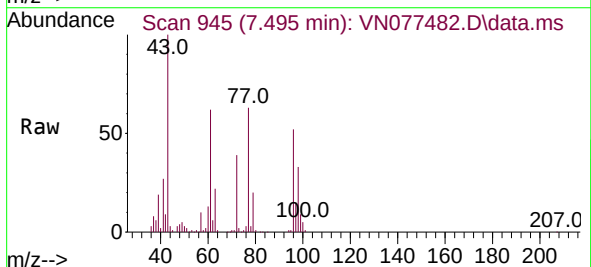
Acq: 25 Apr 2023 20:22

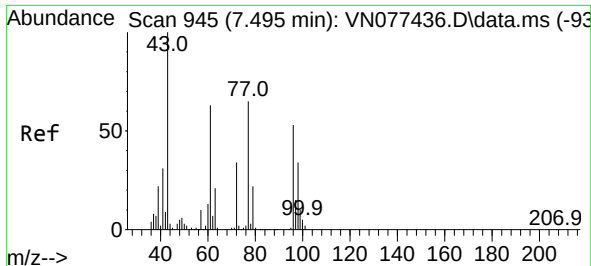
Tgt Ion: 77 Resp: 617077

Ion Ratio Lower Upper

77 100

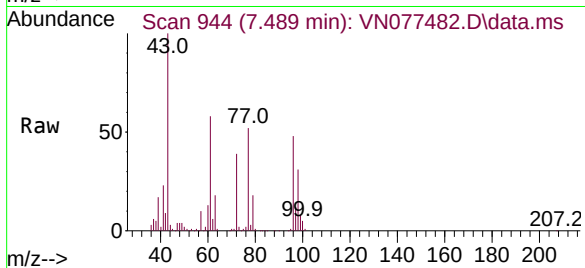
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 55.218 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077482.D
 Acq: 25 Apr 2023 20:22

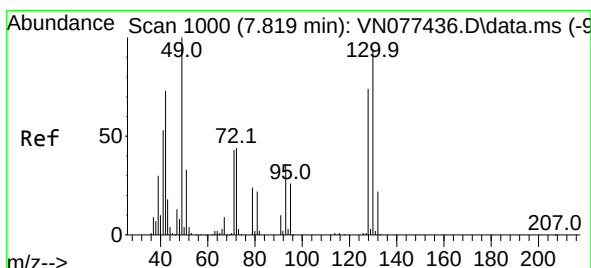
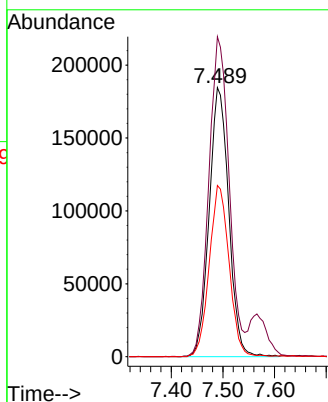
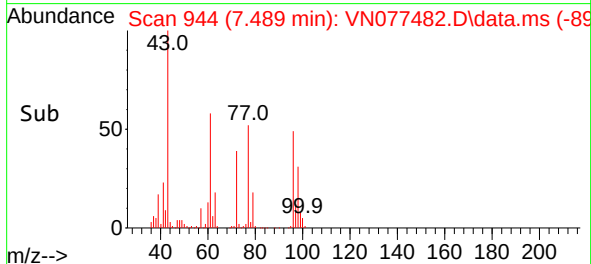
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 485432
 Ion Ratio Lower Upper
 96 100
 61 123.3 0.0 255.2
 98 64.5 0.0 128.8

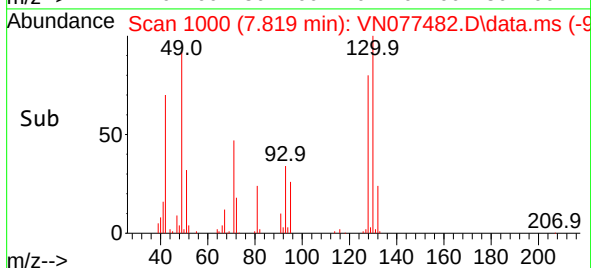
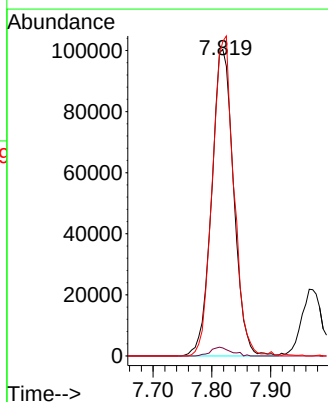
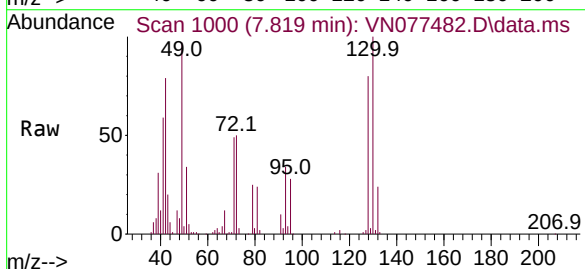
Manual Integrations
 APPROVED

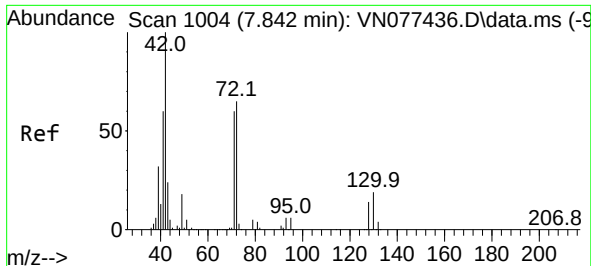
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#28
 Bromochloromethane
 Concen: 55.176 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077482.D
 Acq: 25 Apr 2023 20:22

Tgt Ion: 49 Resp: 261254
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 101.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 274.304 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 622480

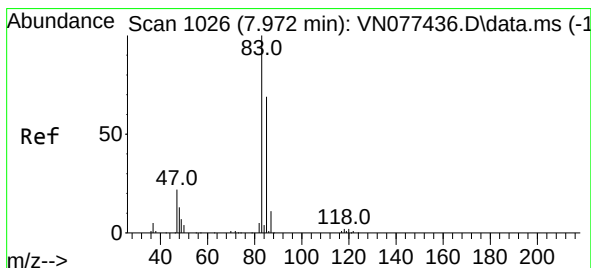
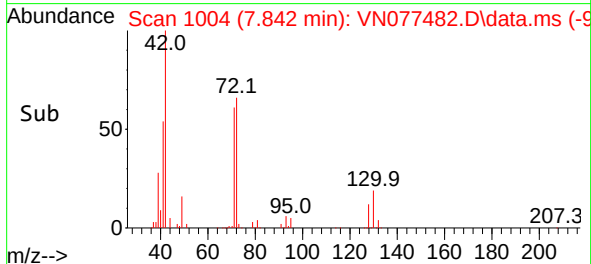
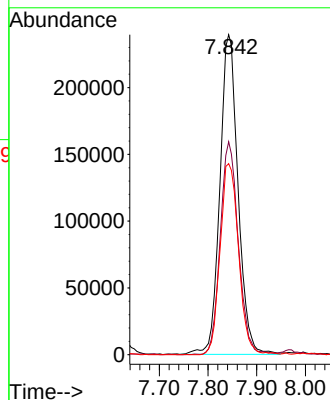
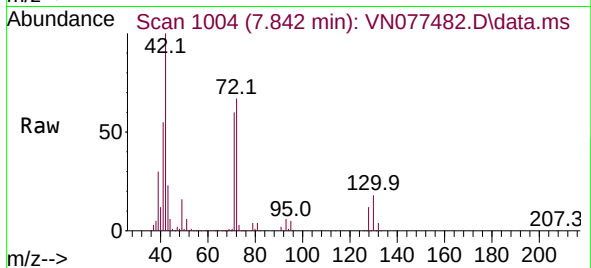
Ion	Ratio	Lower	Upper
42	100		
72	65.8	49.8	74.6
71	60.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

Chloroform

Concen: 57.135 ug/l

RT: 7.972 min Scan# 1026

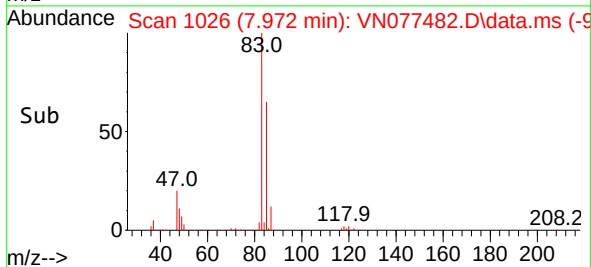
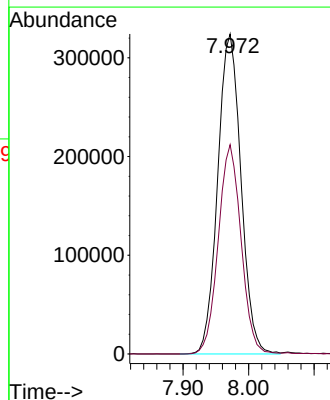
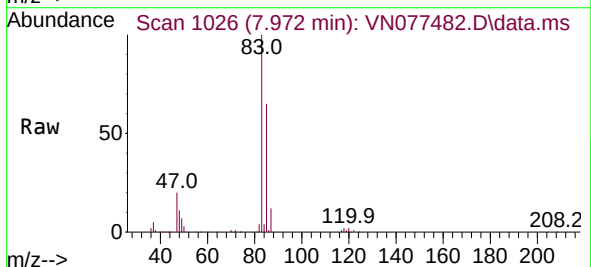
Delta R.T. -0.000 min

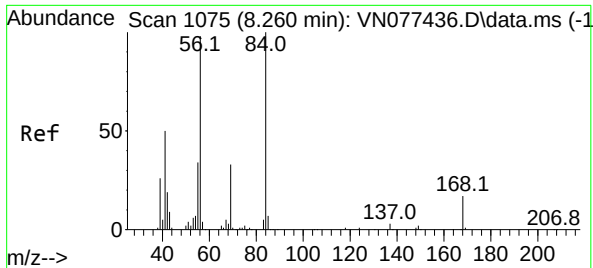
Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Tgt Ion: 83 Resp: 798370

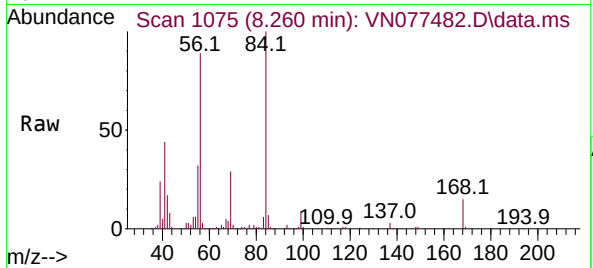
Ion	Ratio	Lower	Upper
83	100		
85	65.4	55.4	83.0





#31
Cyclohexane
Concen: 49.068 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

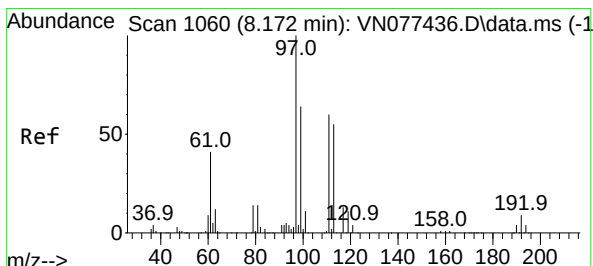
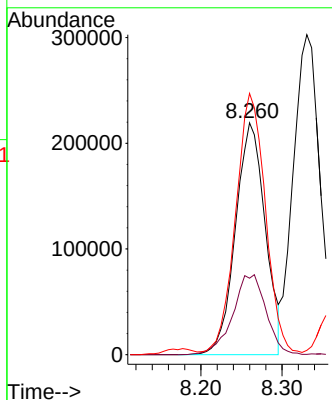
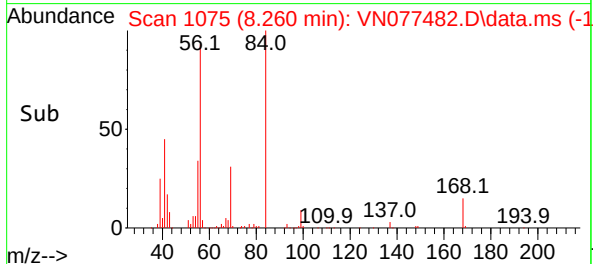
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 55793
Ion Ratio Lower Upper
56 100
69 33.0 26.8 40.2
84 110.4 81.8 122.6

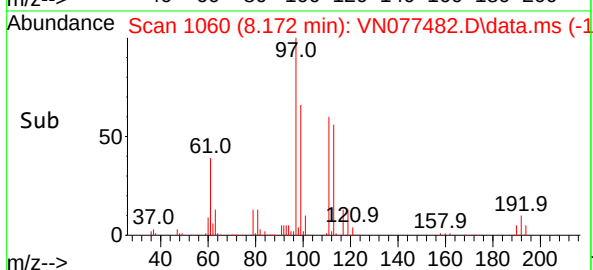
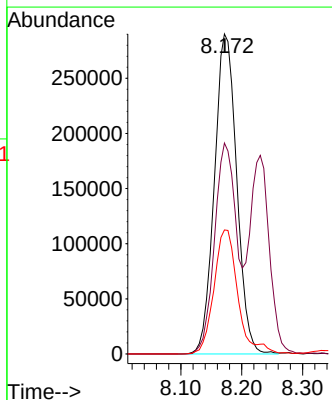
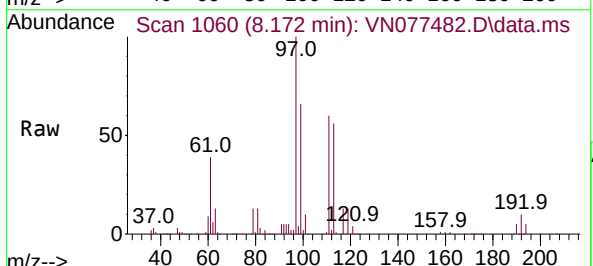
Manual Integrations
APPROVED

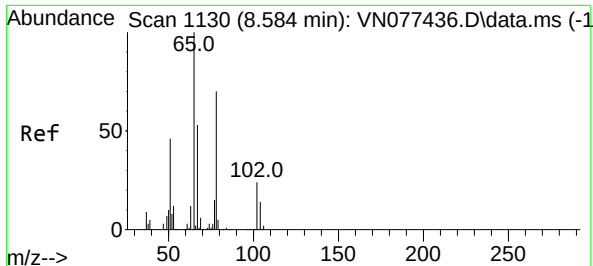
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#32
1,1,1-Trichloroethane
Concen: 57.607 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

Tgt Ion: 97 Resp: 740063
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 41.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.088 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 466263

Ion Ratio Lower Upper

65 100

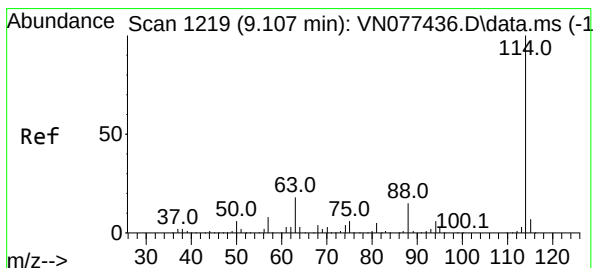
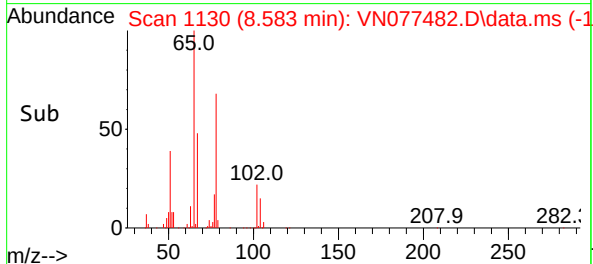
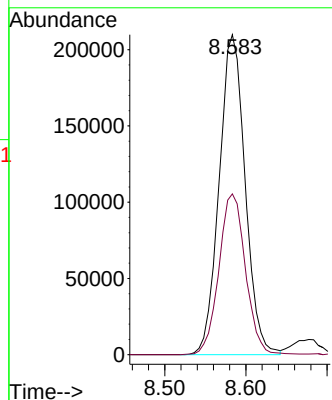
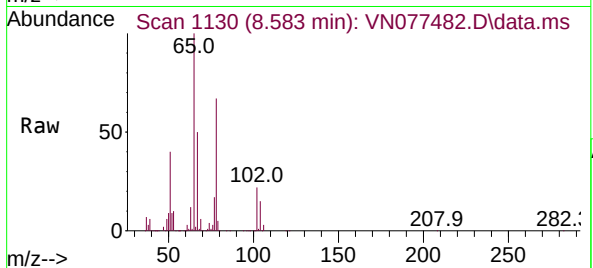
67 51.5 0.0 106.6

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: VN077482.D

Acq: 25 Apr 2023 20:22

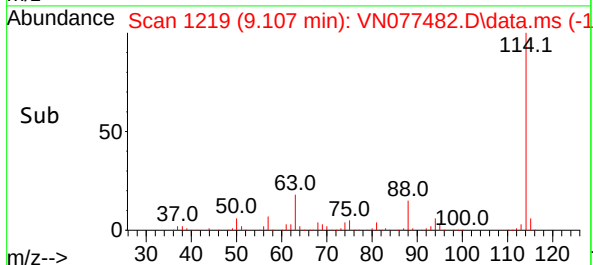
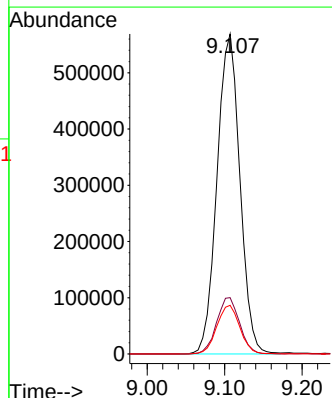
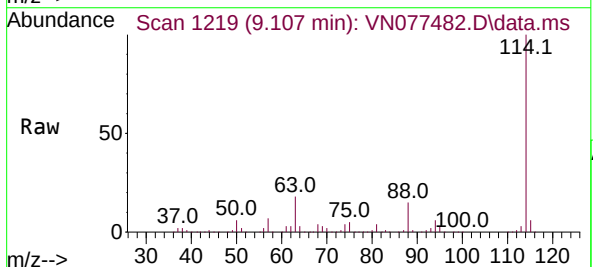
Tgt Ion:114 Resp: 1170302

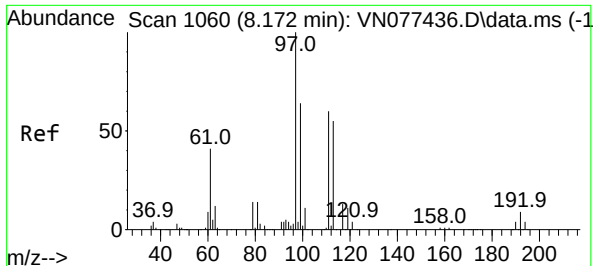
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.043 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 40827

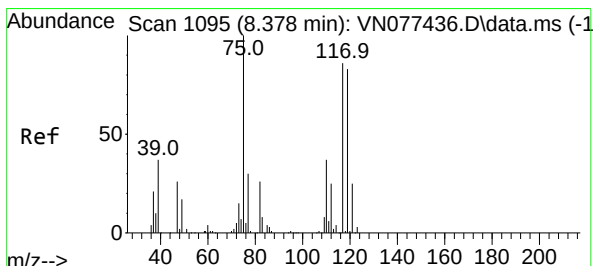
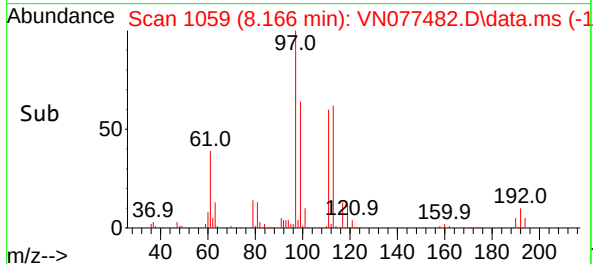
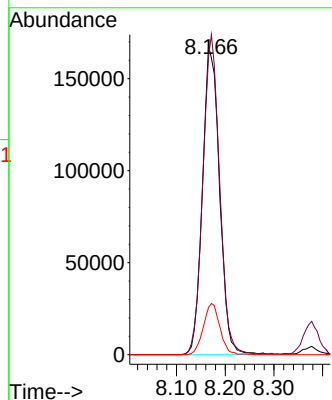
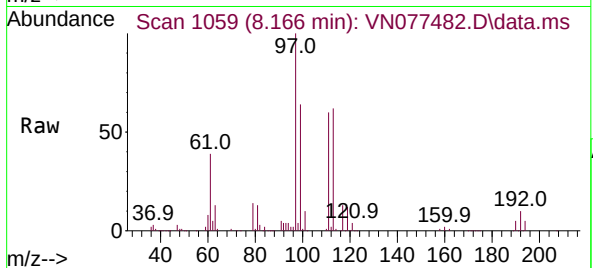
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	16.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 04/26/2023

Supervised By : Mahesh Dadoda 04/26/2023



#36

1,1-Dichloropropene

Concen: 56.525 ug/l

RT: 8.377 min Scan# 1095

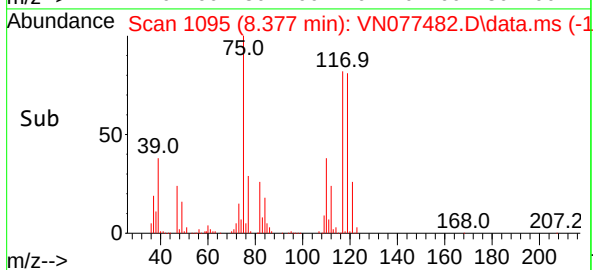
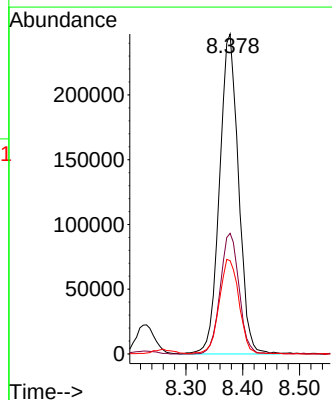
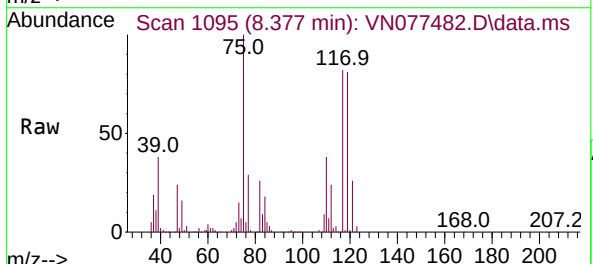
Delta R.T. -0.000 min

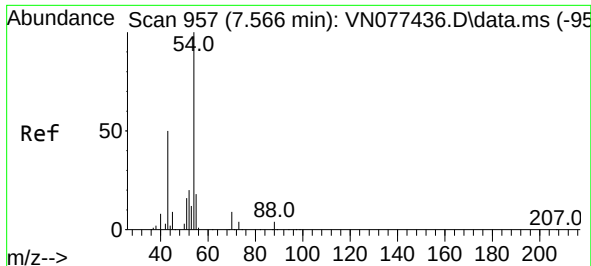
Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Tgt Ion: 75 Resp: 574419

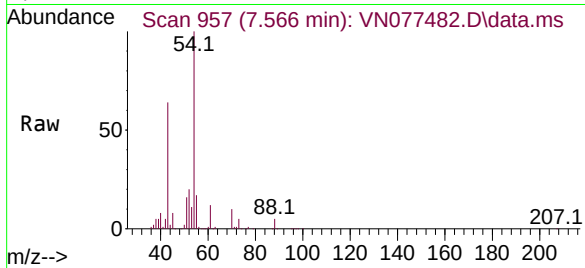
Ion	Ratio	Lower	Upper
75	100		
110	37.4	19.1	57.3
77	30.5	25.0	37.4





#37
Ethyl Acetate
Concen: 54.192 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

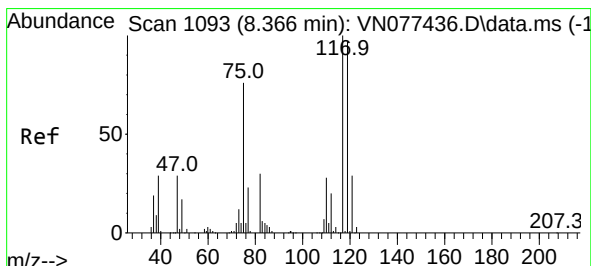
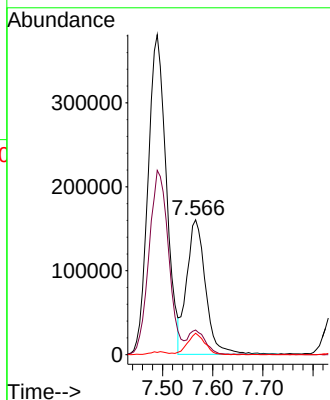
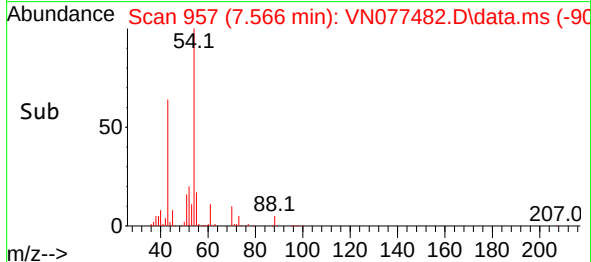
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 41847
Ion Ratio Lower Upper
43 100
61 16.6 13.2 19.8
70 14.6 11.3 16.9

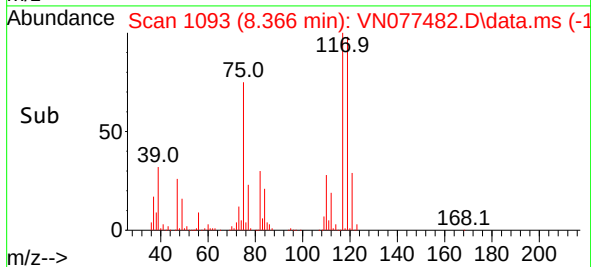
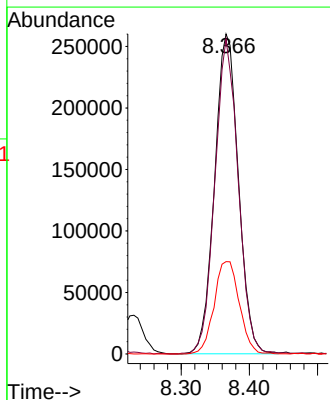
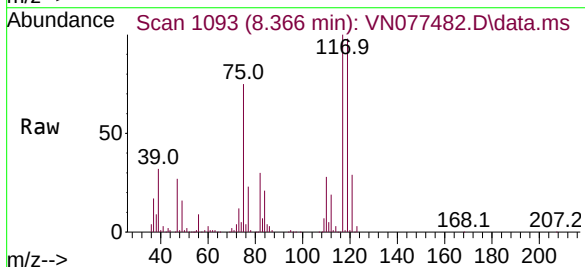
Manual Integrations
APPROVED

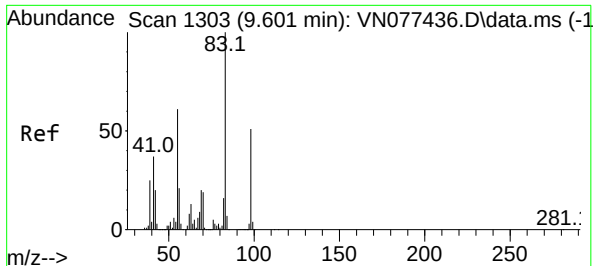
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#38
Carbon Tetrachloride
Concen: 56.459 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

Tgt Ion:117 Resp: 633021
Ion Ratio Lower Upper
117 100
119 98.4 77.3 115.9
121 28.9 23.3 34.9





#39

Methylcyclohexane

Concen: 55.258 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077482.D

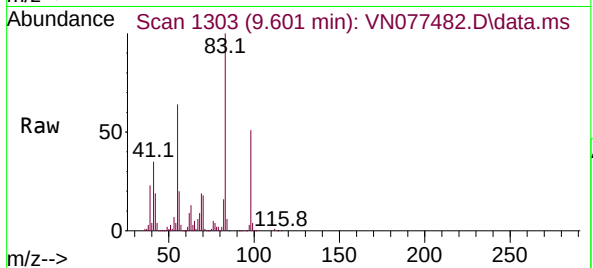
Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 739838

Ion Ratio Lower Upper

83 100

55 64.1 49.1 73.7

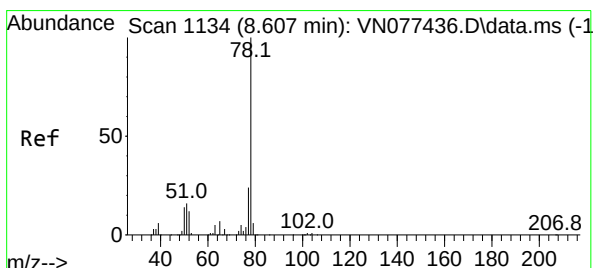
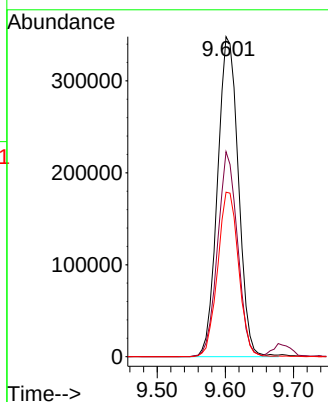
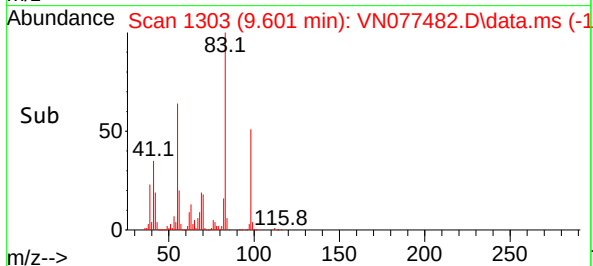
98 51.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

Benzene

Concen: 55.230 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077482.D

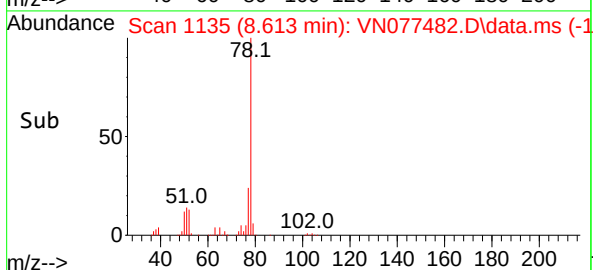
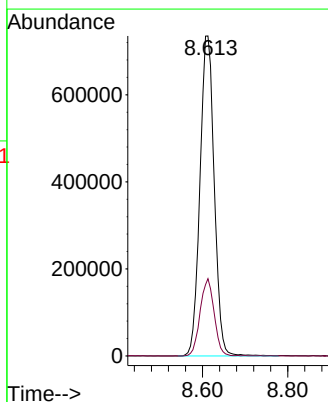
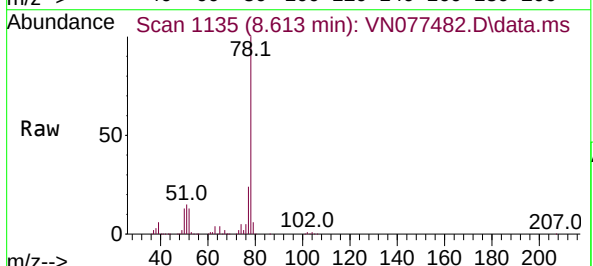
Acq: 25 Apr 2023 20:22

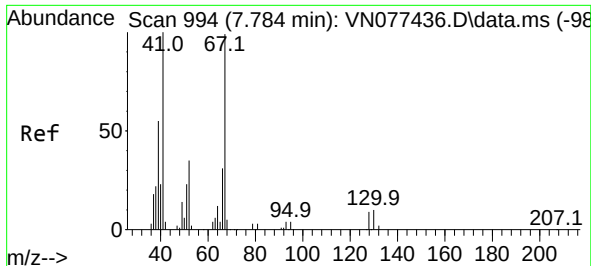
Tgt Ion: 78 Resp: 1709794

Ion Ratio Lower Upper

78 100

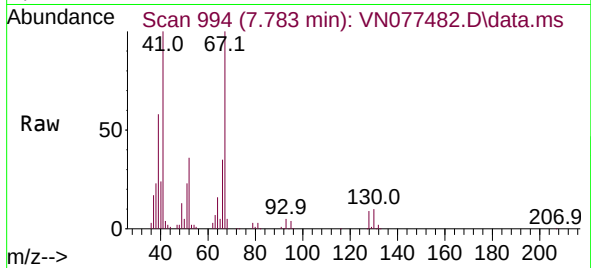
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 50.676 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

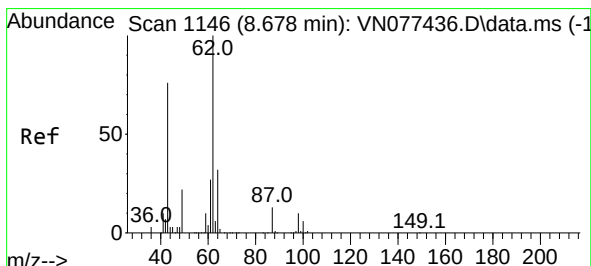
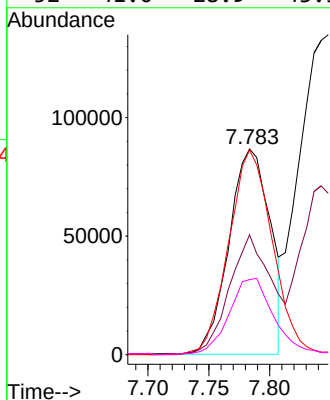
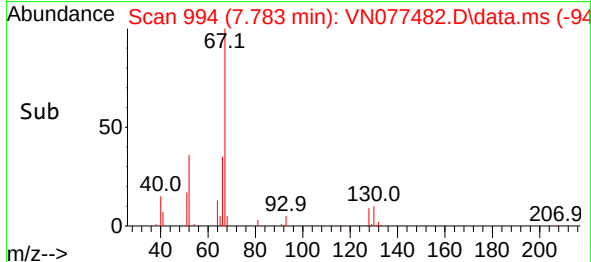
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 203814
Ion Ratio Lower Upper
41 100
39 60.7 42.6 64.0
67 107.1 77.5 116.3
52 41.0 28.9 43.3

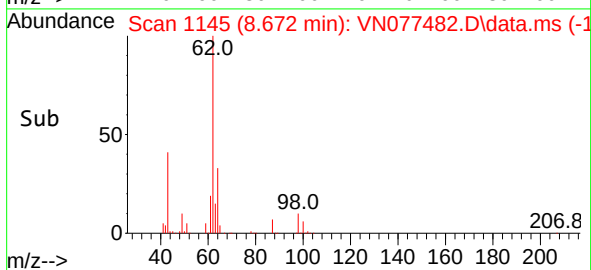
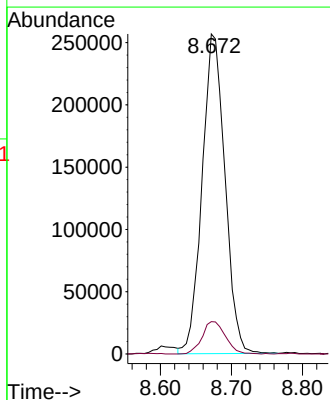
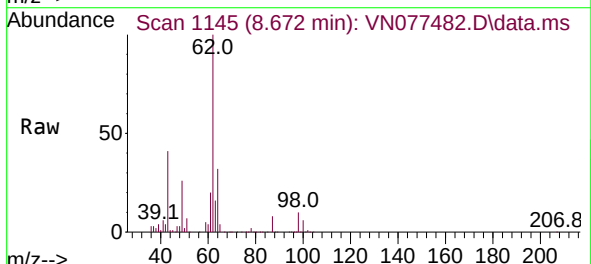
Manual Integrations
APPROVED

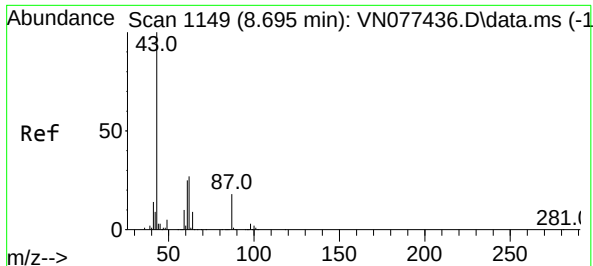
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#42
1,2-Dichloroethane
Concen: 54.061 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

Tgt Ion: 62 Resp: 574825
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 54.348 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077482.D

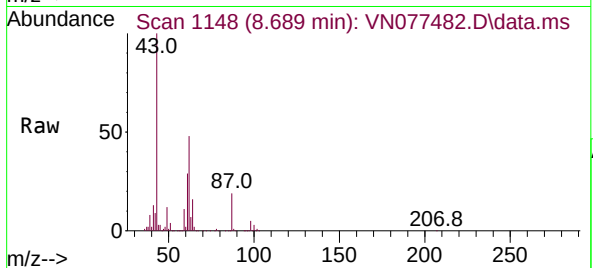
Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



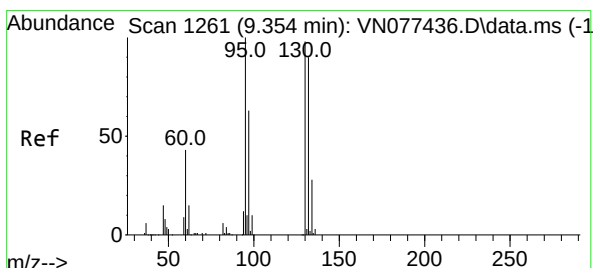
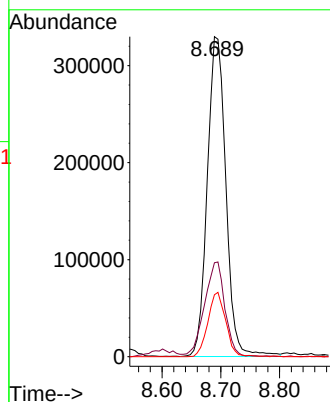
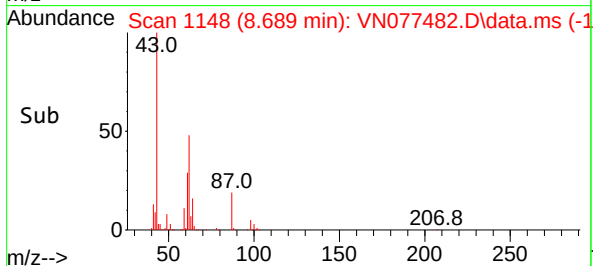
Tgt Ion:	43	Resp:	726038
Ion Ratio	Lower	Upper	
43	100		
61	32.3	24.7	37.1
87	19.3	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#44

Trichloroethene

Concen: 56.458 ug/l

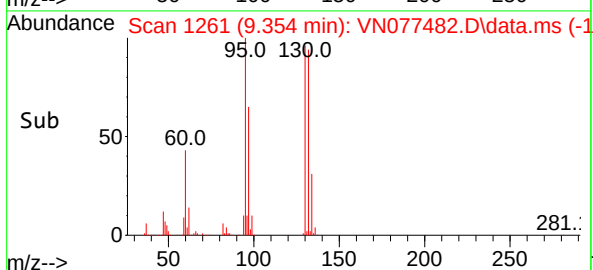
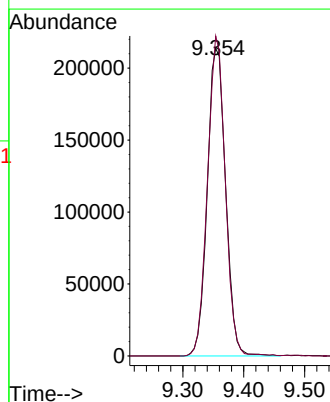
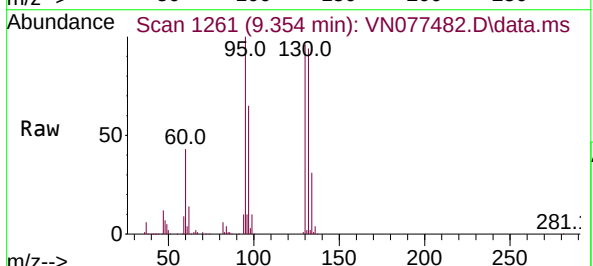
RT: 9.354 min Scan# 1261

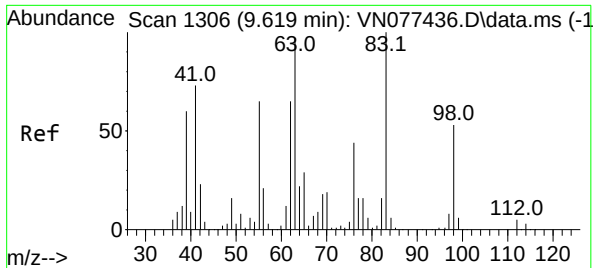
Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Tgt Ion:	130	Resp:	447513
Ion Ratio	Lower	Upper	
130	100		
95	104.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 55.154 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 39996

Ion Ratio Lower Upper

63 100

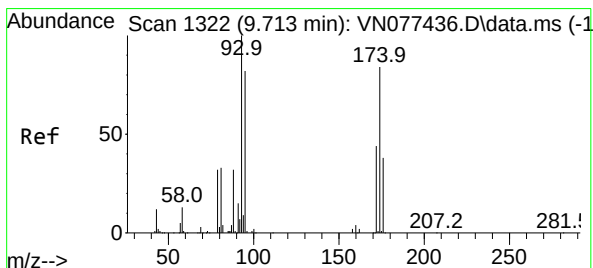
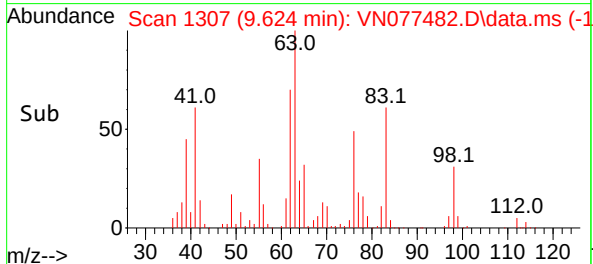
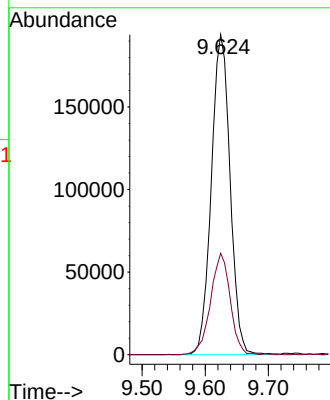
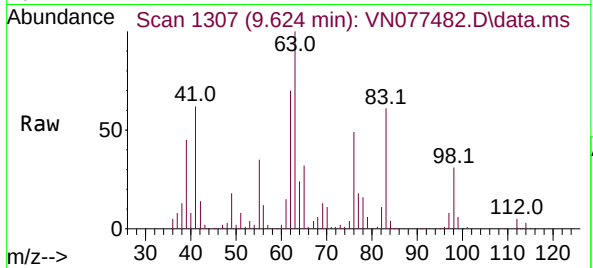
65 31.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#46

Dibromomethane

Concen: 54.180 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

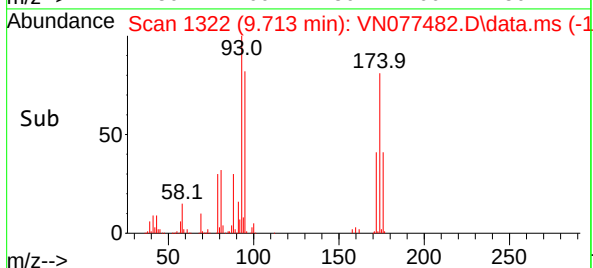
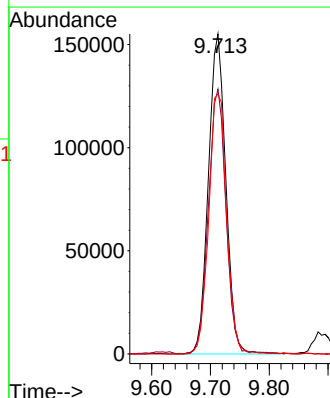
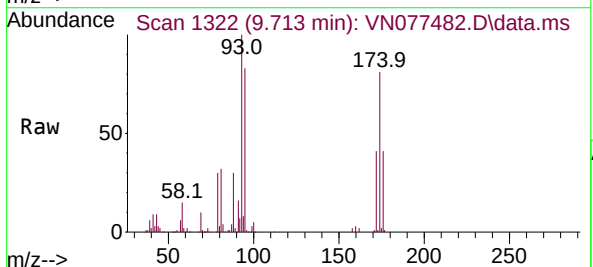
Tgt Ion: 93 Resp: 318805

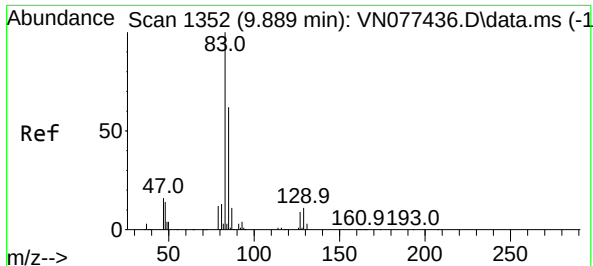
Ion Ratio Lower Upper

93 100

95 83.8 63.8 95.8

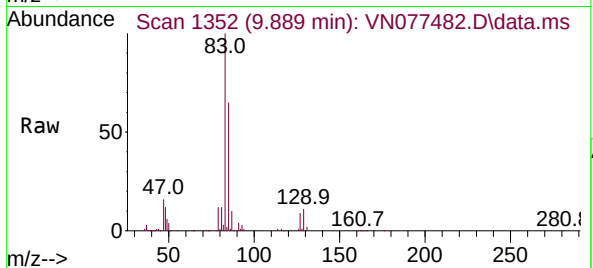
174 83.6 65.6 98.4





#47
Bromodichloromethane
Concen: 55.371 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

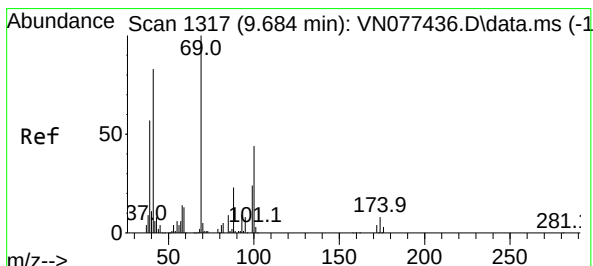
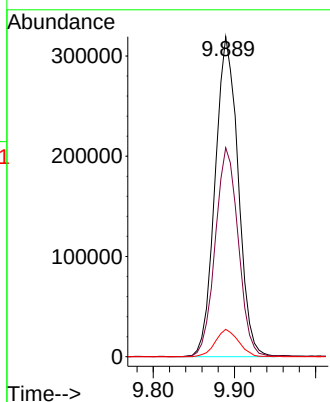
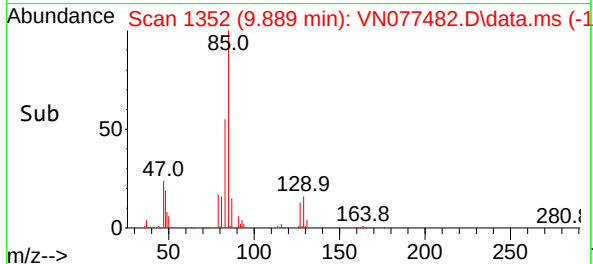
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



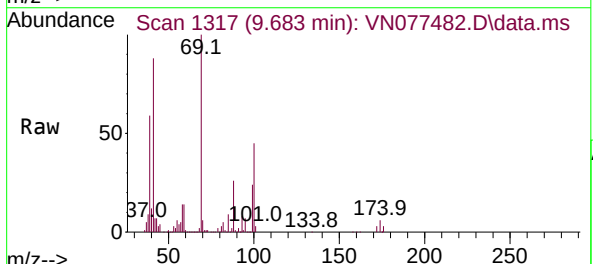
Tgt Ion: 83 Resp: 630223
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 8.6 7.0 10.6

Manual Integrations
APPROVED

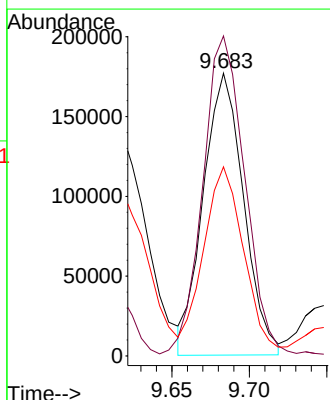
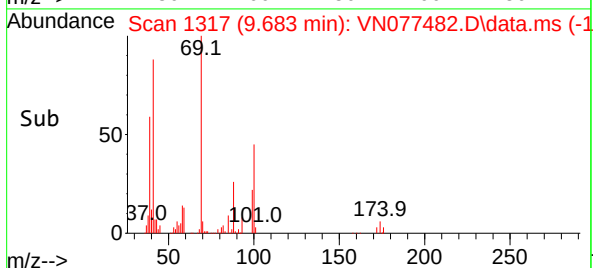
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

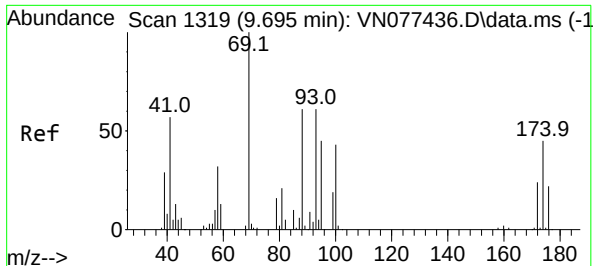


#48
Methyl methacrylate
Concen: 52.609 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



Tgt Ion: 41 Resp: 319917
Ion Ratio Lower Upper
41 100
69 119.3 90.4 135.6
39 67.1 54.6 81.8





#49

1,4-Dioxane

Concen: 1170.482 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077482.D

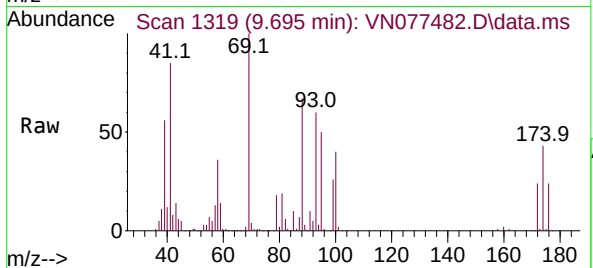
Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 17853

Ion Ratio Lower Upper

88 100

43 19.7 17.0 25.6

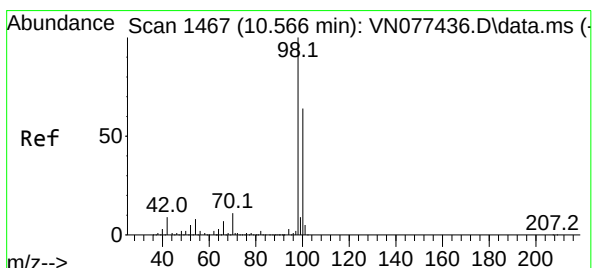
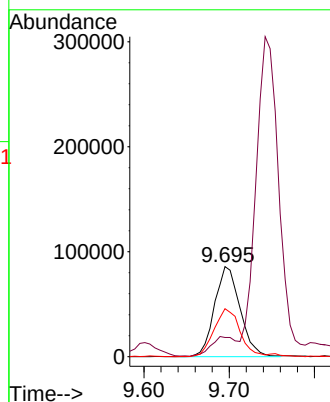
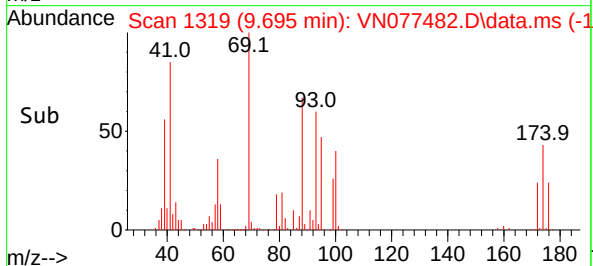
58 54.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#50

Toluene-d8

Concen: 59.864 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077482.D

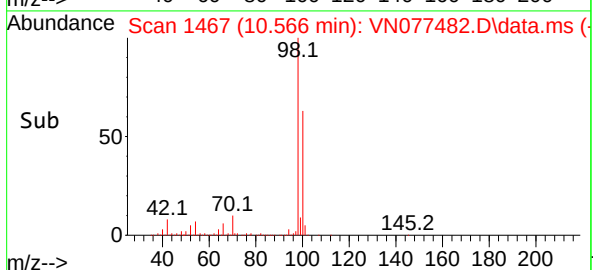
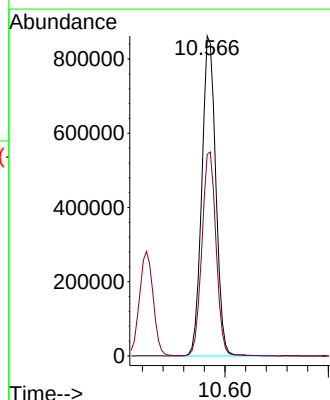
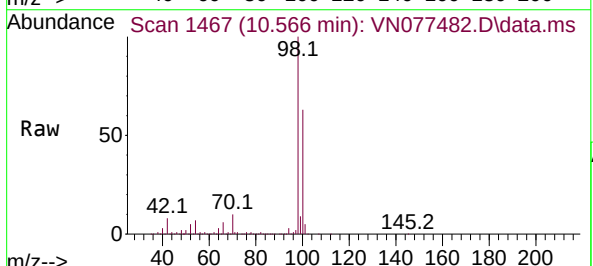
Acq: 25 Apr 2023 20:22

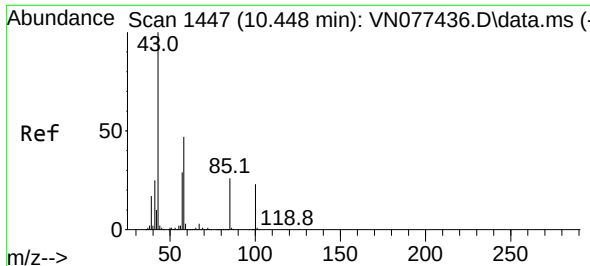
Tgt Ion: 98 Resp: 1613836

Ion Ratio Lower Upper

98 100

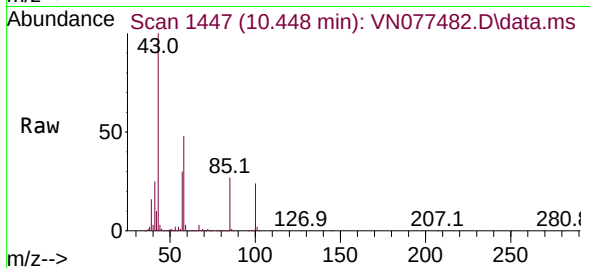
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 269.421 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

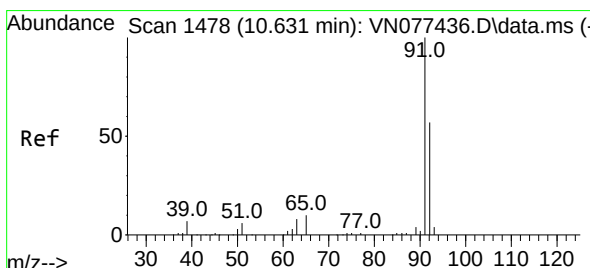
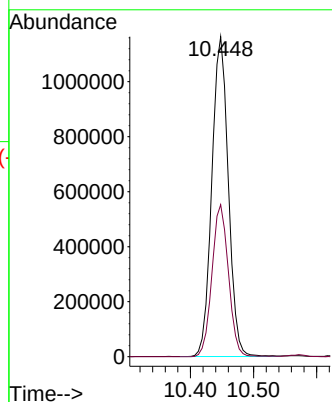
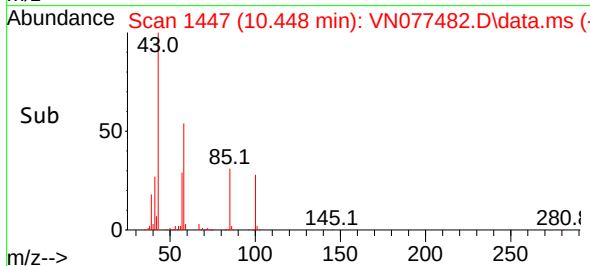
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2111111
Ion Ratio Lower Upper
43 100
58 47.4 36.6 54.8

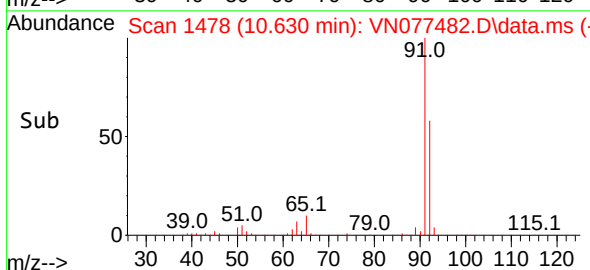
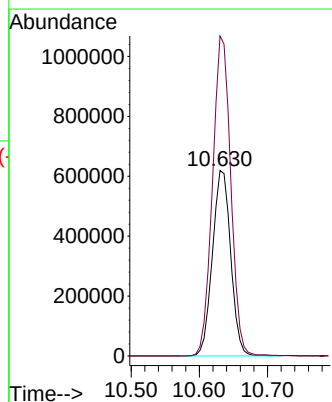
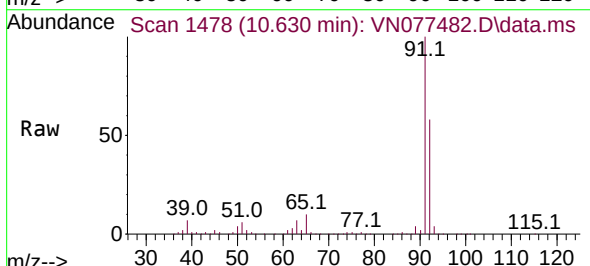
Manual Integrations
APPROVED

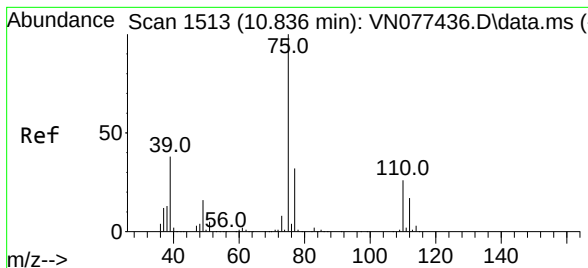
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#52
Toluene
Concen: 56.901 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

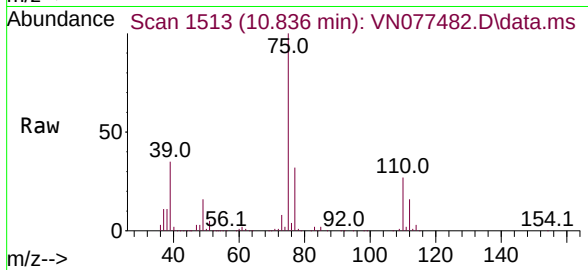
Tgt Ion: 92 Resp: 1153996
Ion Ratio Lower Upper
92 100
91 172.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 58.486 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

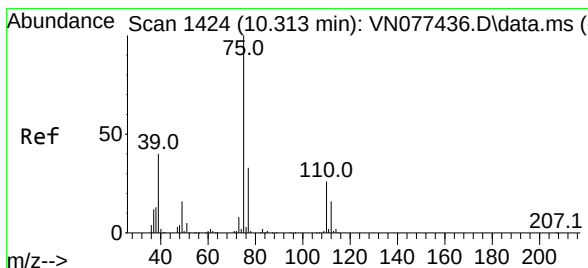
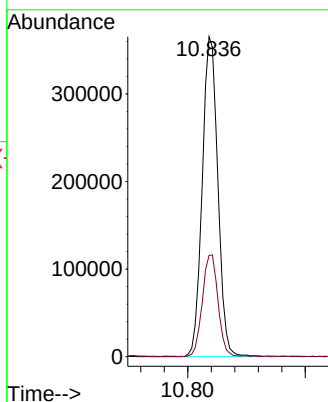
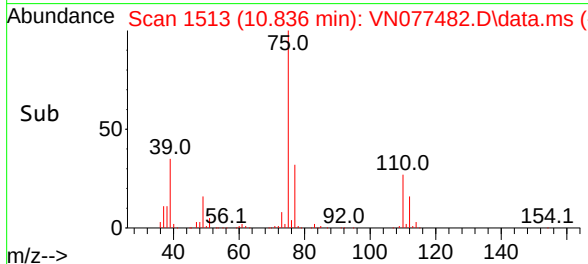
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



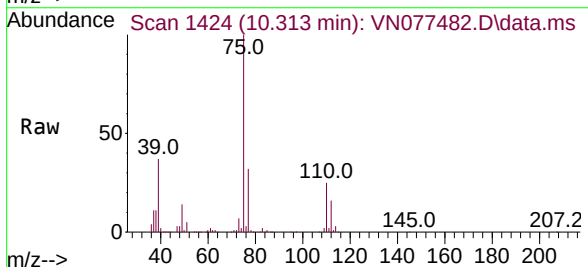
Tgt Ion: 75 Resp: 674058
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

Manual Integrations
APPROVED

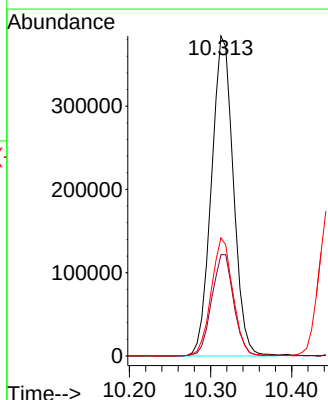
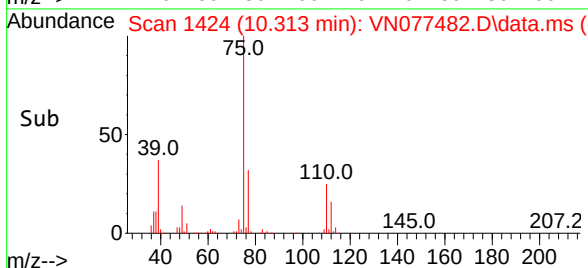
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

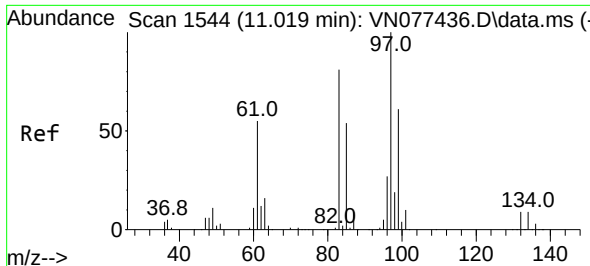


#54
cis-1,3-Dichloropropene
Concen: 57.510 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



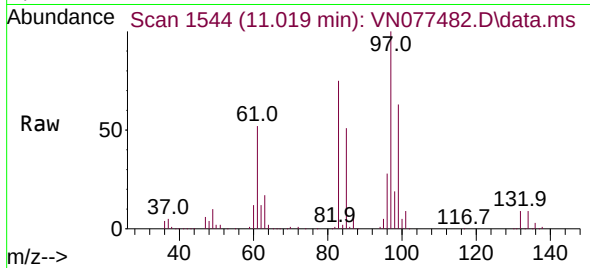
Tgt Ion: 75 Resp: 721456
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 36.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 57.047 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

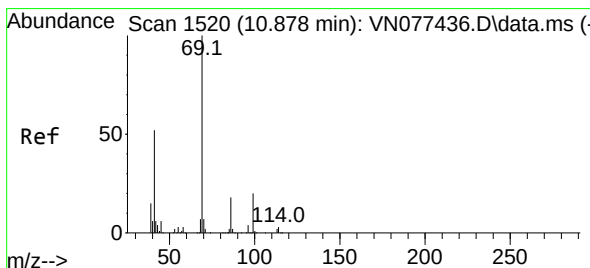
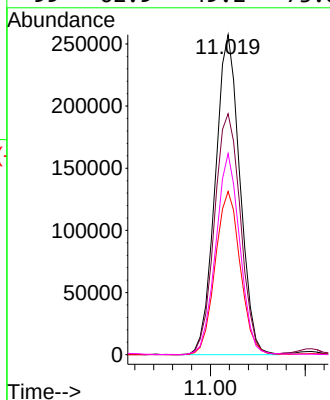
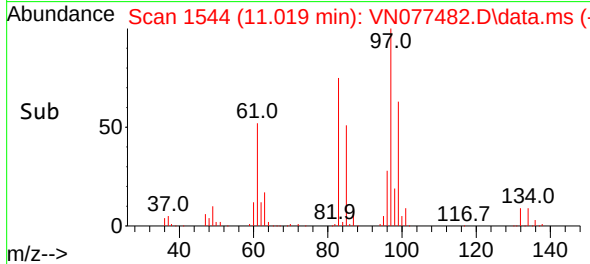
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



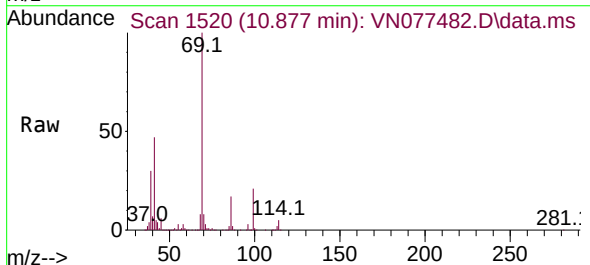
Tgt Ion: 97 Resp: 465234
Ion Ratio Lower Upper
97 100
83 75.3 65.1 97.7
85 51.0 43.4 65.2
99 62.9 49.2 73.8

Manual Integrations
APPROVED

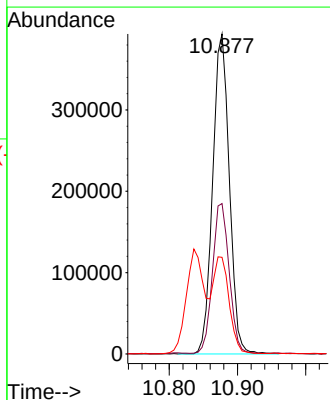
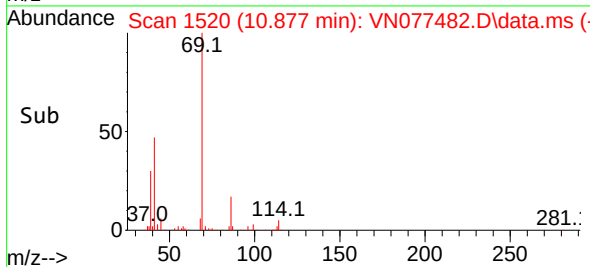
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

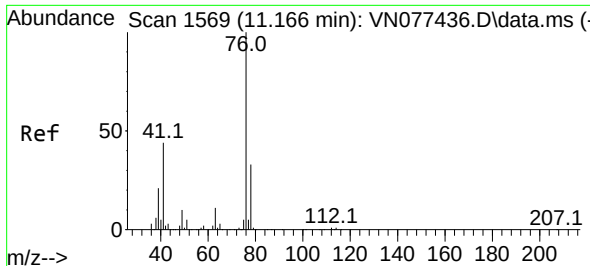


#56
Ethyl methacrylate
Concen: 58.545 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



Tgt Ion: 69 Resp: 669028
Ion Ratio Lower Upper
69 100
41 47.1 39.6 59.4
39 28.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 56.876 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 738839

Ion Ratio Lower Upper

76 100

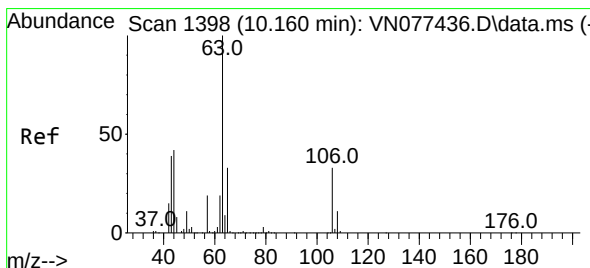
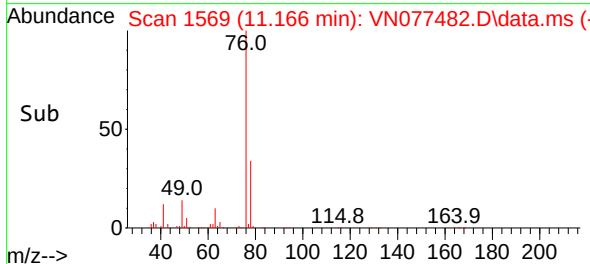
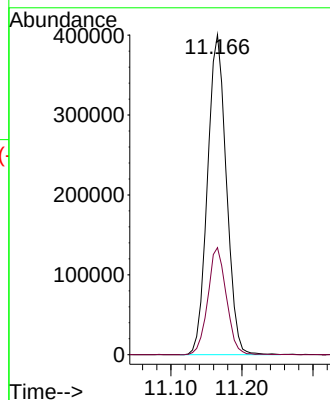
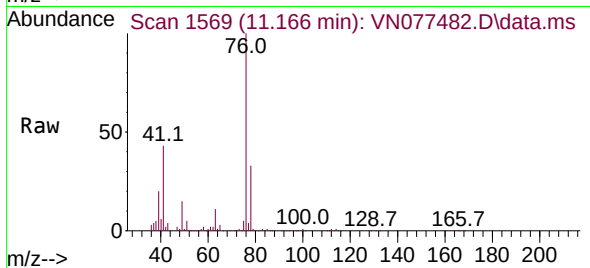
78 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 279.866 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077482.D

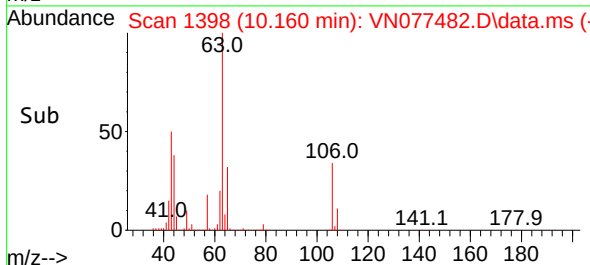
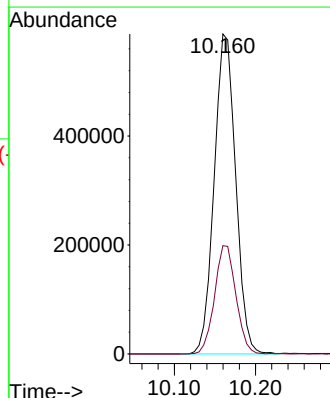
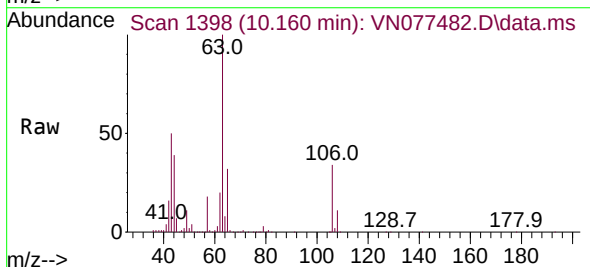
Acq: 25 Apr 2023 20:22

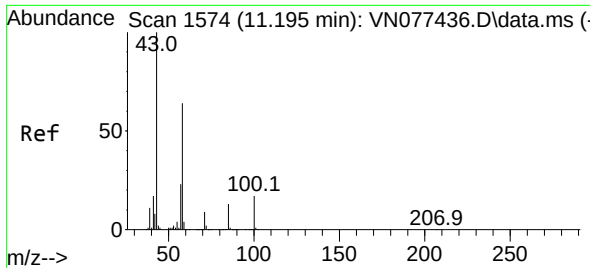
Tgt Ion: 63 Resp: 1081734

Ion Ratio Lower Upper

63 100

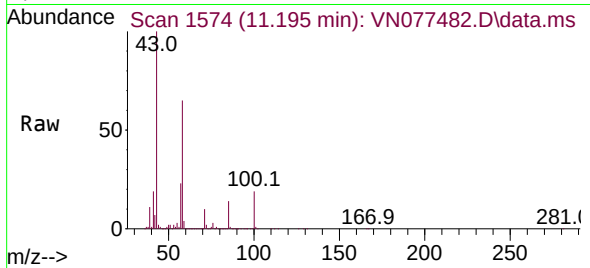
106 33.6 26.2 39.4





#59
2-Hexanone
Concen: 272.257 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

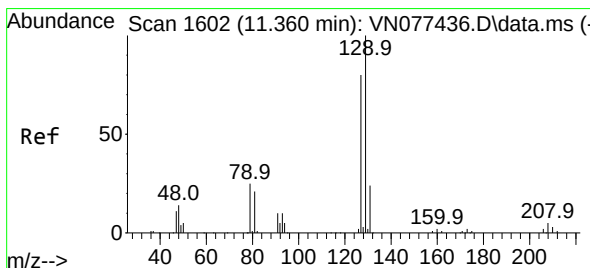
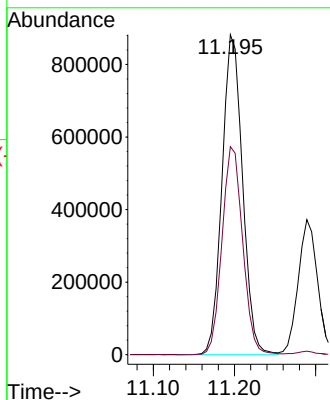
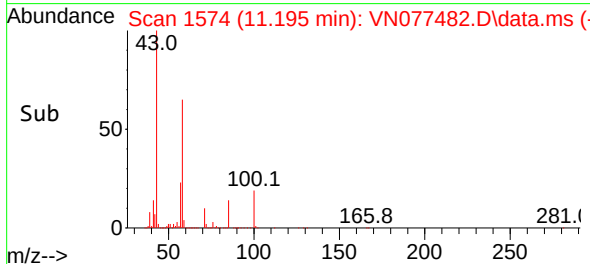
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 155070
Ion Ratio Lower Upper
43 100
58 65.5 31.7 95.1

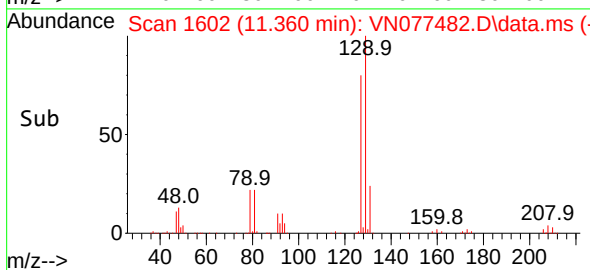
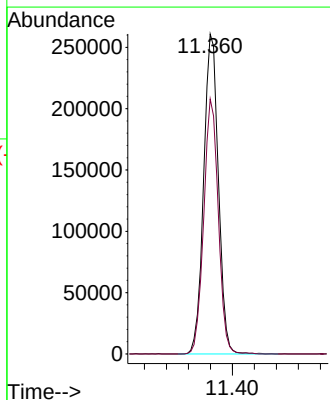
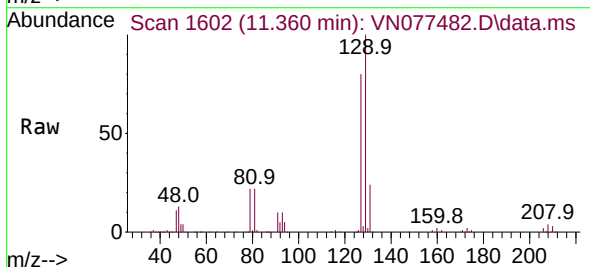
Manual Integrations
APPROVED

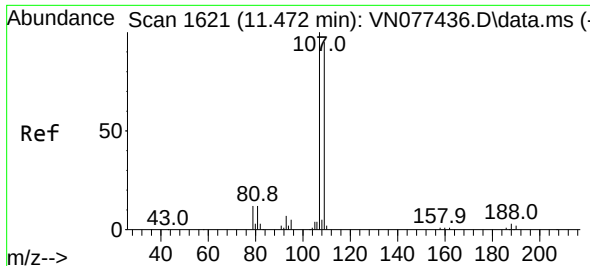
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#60
Dibromochloromethane
Concen: 57.295 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

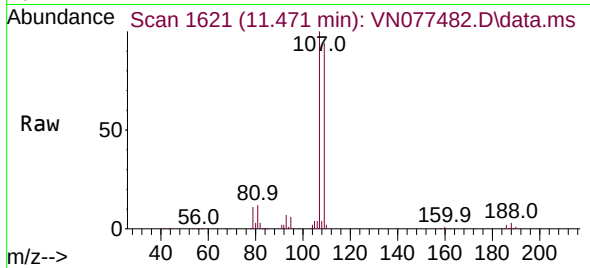
Tgt Ion:129 Resp: 484936
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.959 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

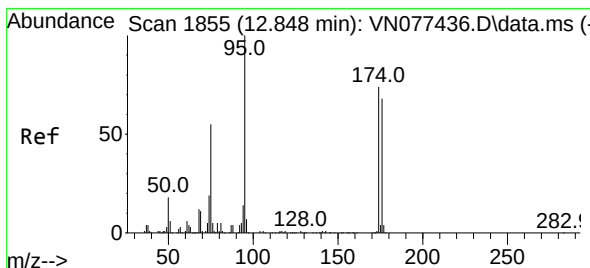
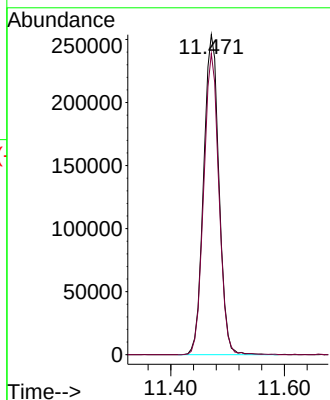
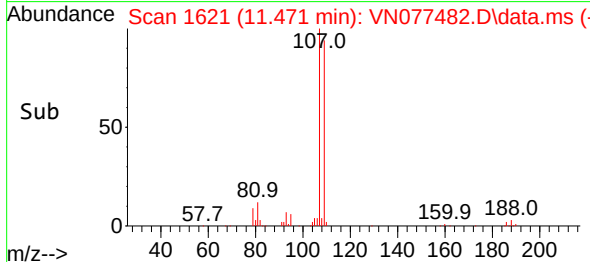
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



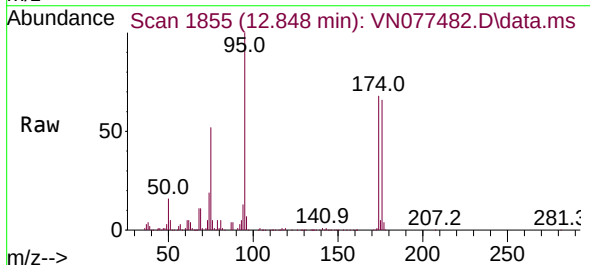
Tgt Ion:107 Resp: 474248
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

Manual Integrations
APPROVED

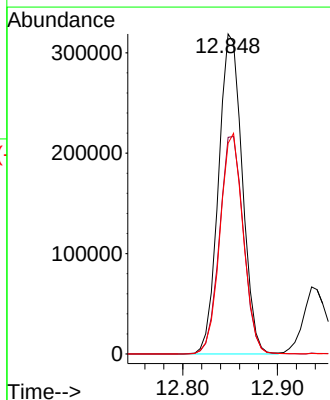
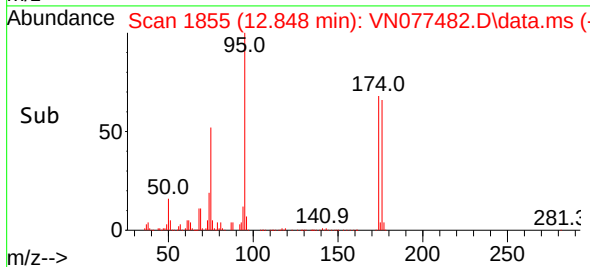
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

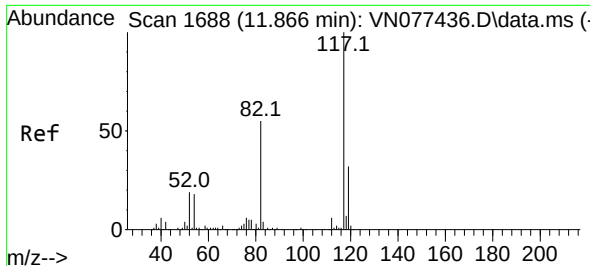


#62
4-Bromofluorobenzene
Concen: 63.045 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



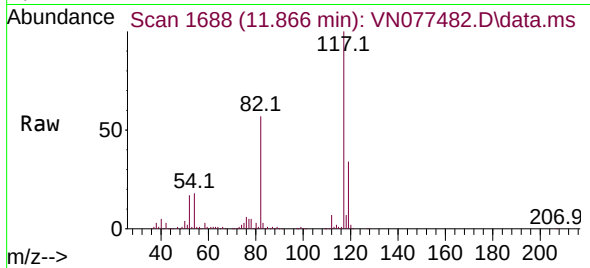
Tgt Ion: 95 Resp: 556066
Ion Ratio Lower Upper
95 100
174 68.3 0.0 143.8
176 67.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

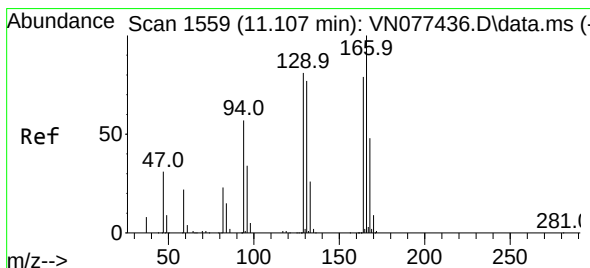
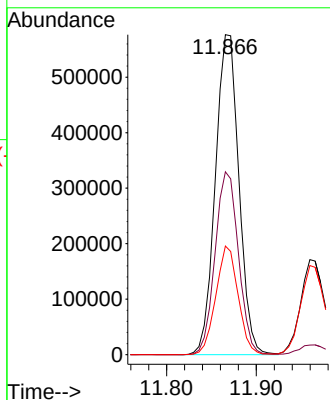
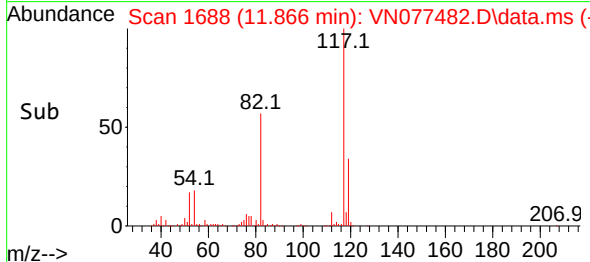
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 1050544
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 34.0 25.6 38.4

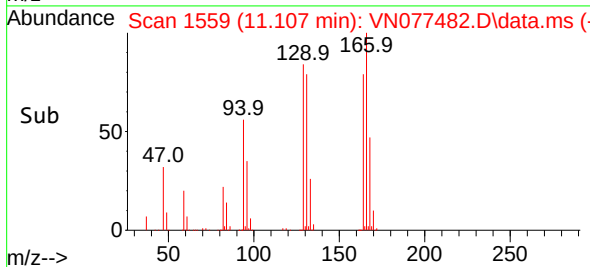
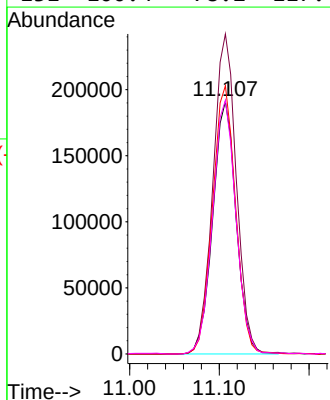
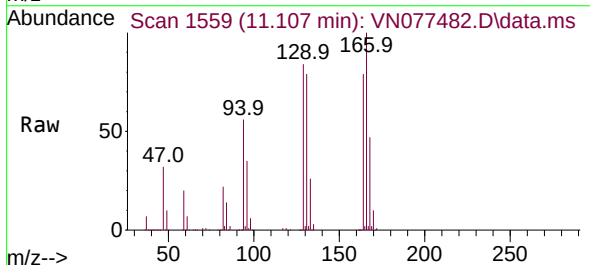
Manual Integrations
APPROVED

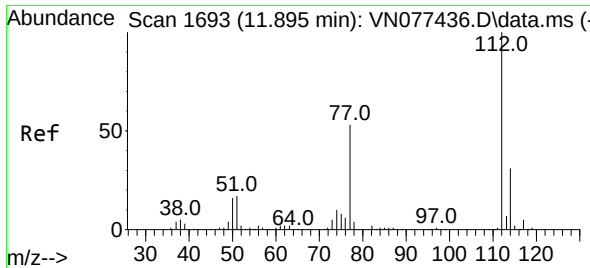
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#64
Tetrachloroethene
Concen: 54.736 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

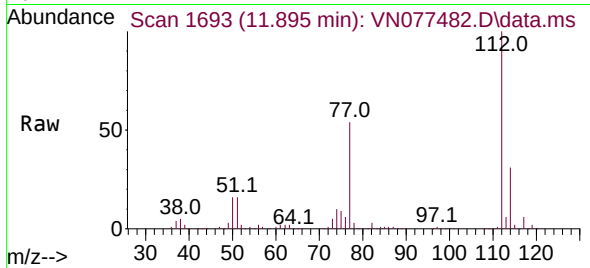
Tgt Ion:164 Resp: 344216
Ion Ratio Lower Upper
164 100
166 126.6 101.4 152.0
129 106.2 82.4 123.6
131 100.4 78.2 117.4





#65
Chlorobenzene
Concen: 55.498 ug/l
RT: 11.895 min Scan# 11895
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

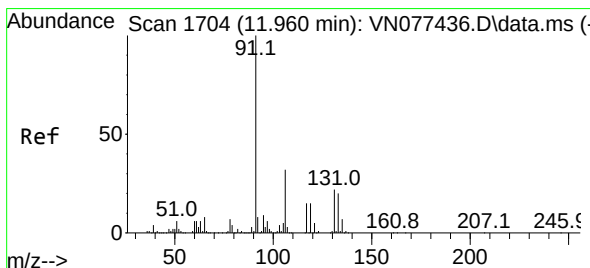
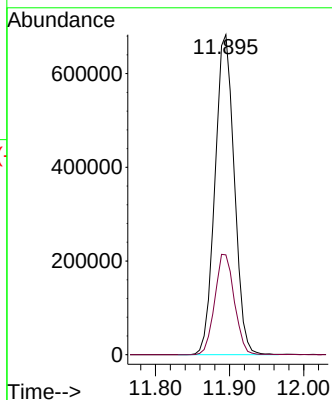
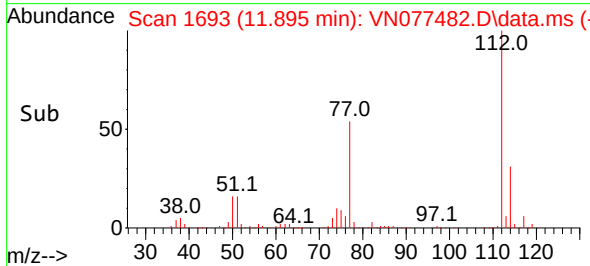
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



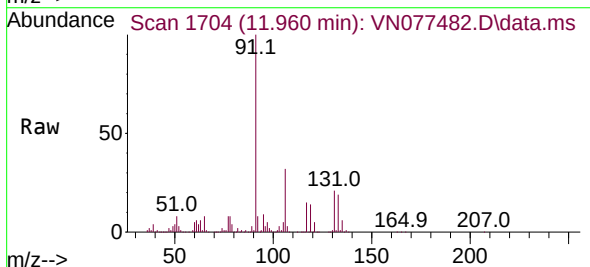
Tgt Ion:112 Resp: 1233738
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

Manual Integrations
APPROVED

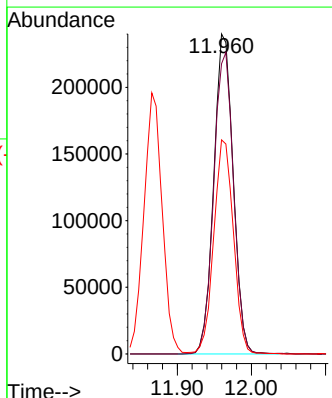
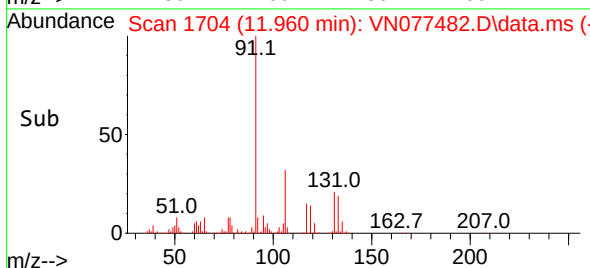
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

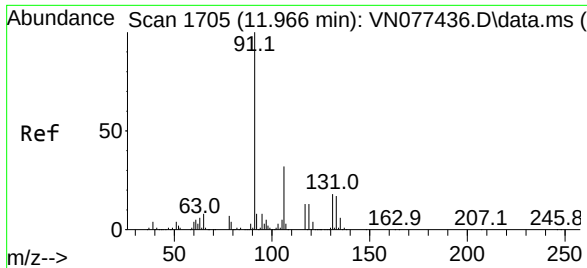


#66
1,1,1,2-Tetrachloroethane
Concen: 54.028 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



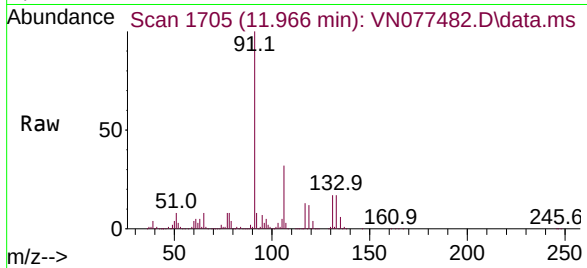
Tgt Ion:131 Resp: 436981
Ion Ratio Lower Upper
131 100
133 96.4 46.4 139.1
119 67.9 34.1 102.2





#67
Ethyl Benzene
Concen: 57.199 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

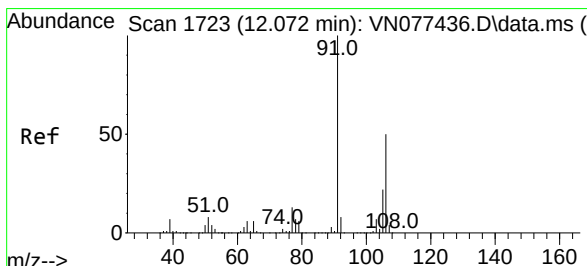
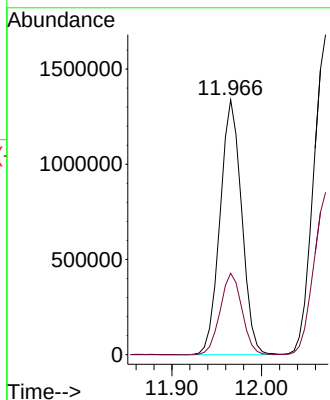
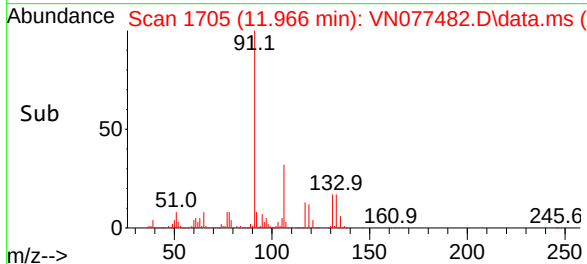
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 2238400
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

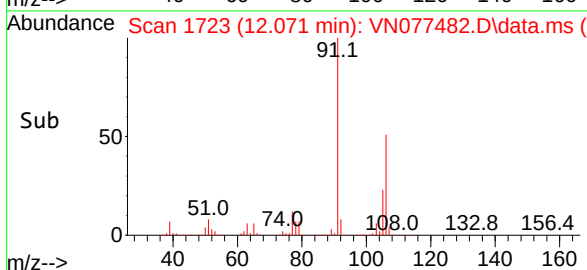
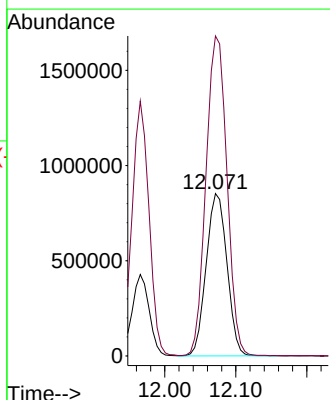
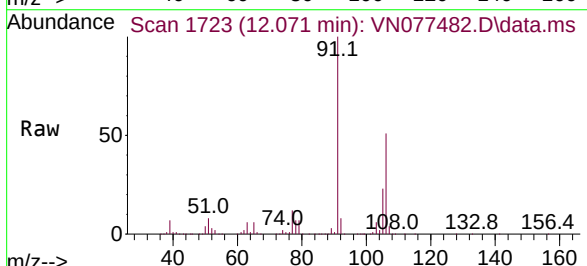
Manual Integrations
APPROVED

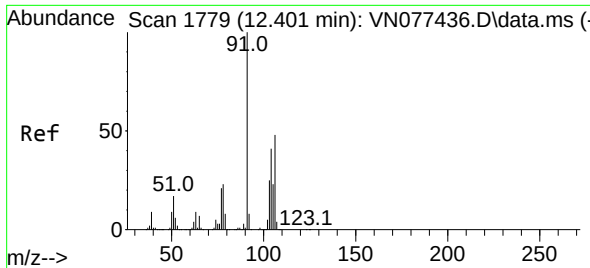
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#68
m/p-Xylenes
Concen: 113.891 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

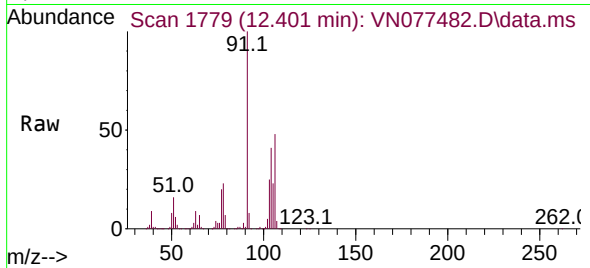
Tgt Ion:106 Resp: 1732243
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4





#69
o-Xylene
Concen: 58.320 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

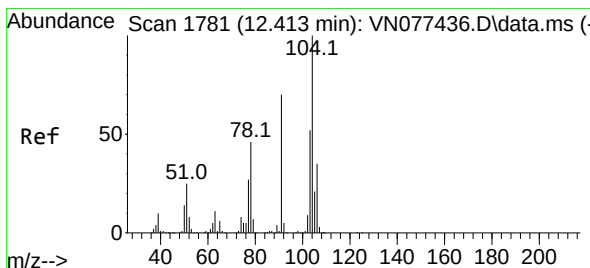
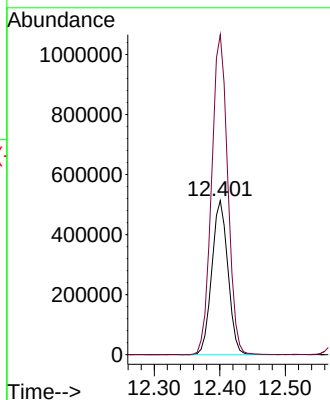
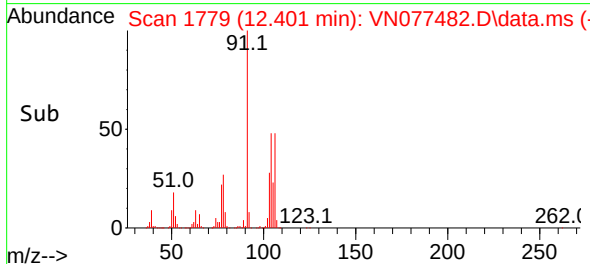
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 872485
Ion Ratio Lower Upper
106 100
91 208.7 105.2 315.5

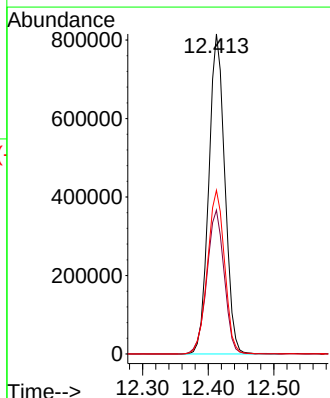
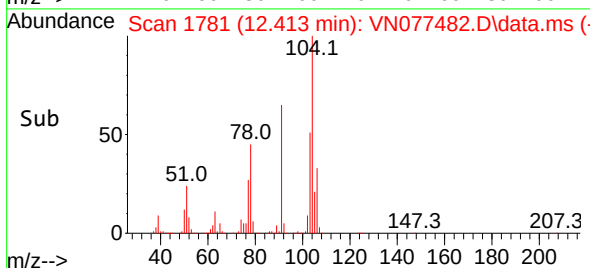
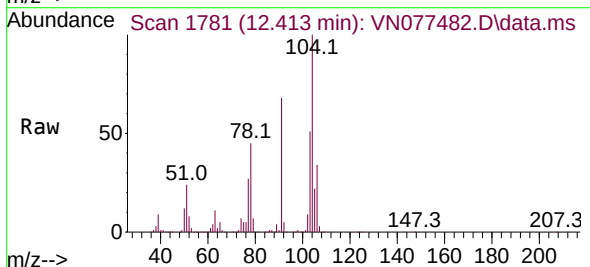
Manual Integrations
APPROVED

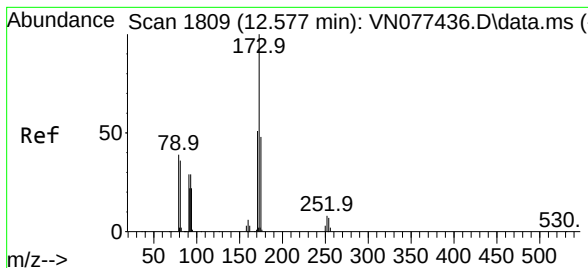
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 59.342 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

Tgt Ion:104 Resp: 1388366
Ion Ratio Lower Upper
104 100
78 48.4 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 58.612 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 31014

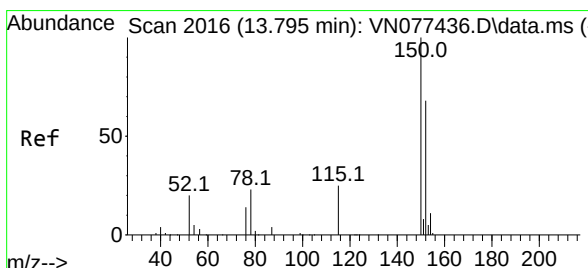
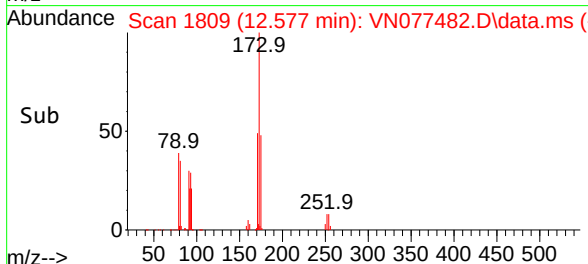
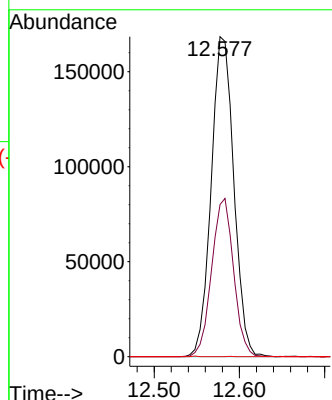
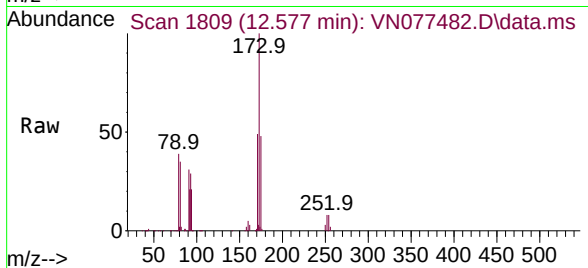
Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.3	73.0
254	0.0	0.0	0.0

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

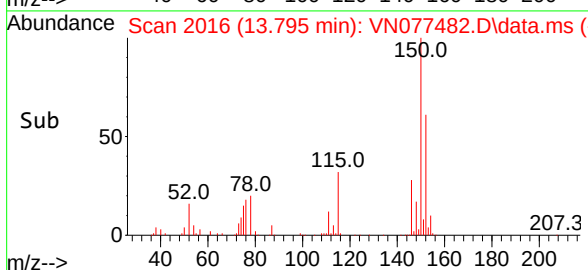
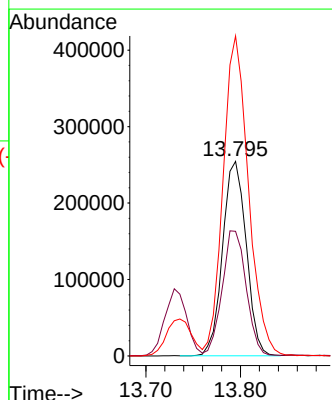
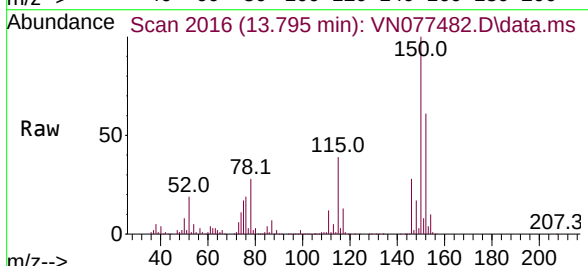
Delta R.T. -0.000 min

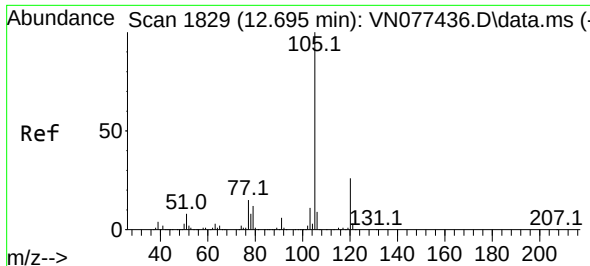
Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Tgt Ion:152 Resp: 440992

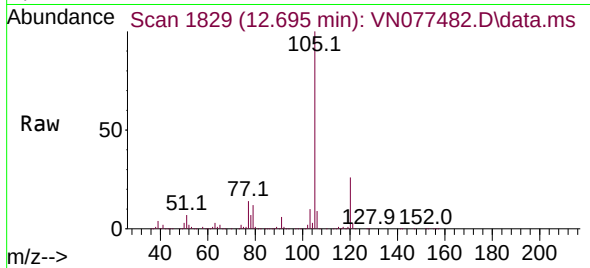
Ion	Ratio	Lower	Upper
152	100		
115	64.7	32.3	96.8
150	175.6	0.0	355.8





#73
Isopropylbenzene
Concen: 55.260 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

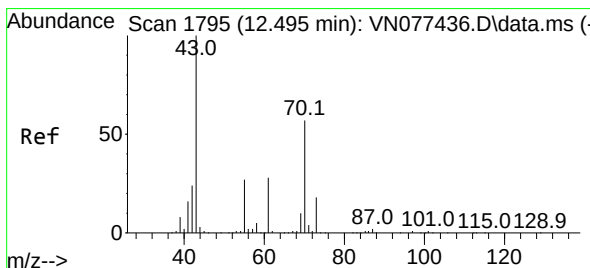
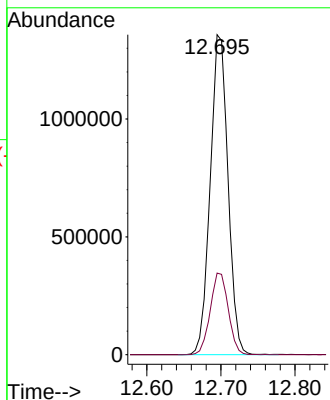
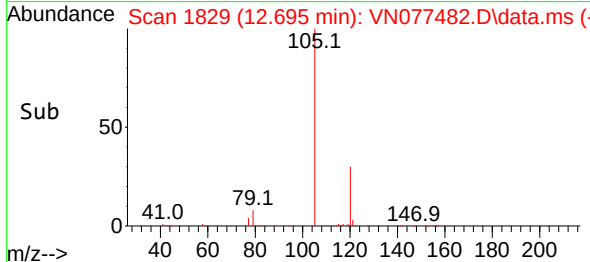
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



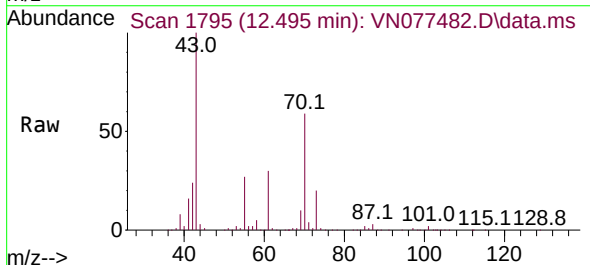
Tgt Ion:105 Resp: 226133
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

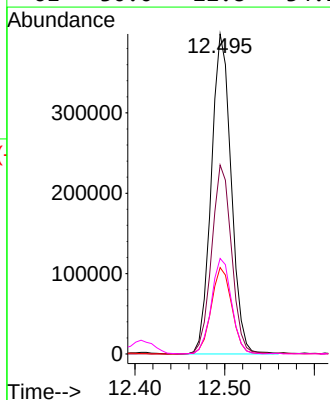
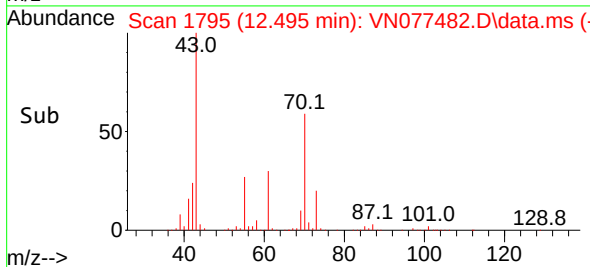
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

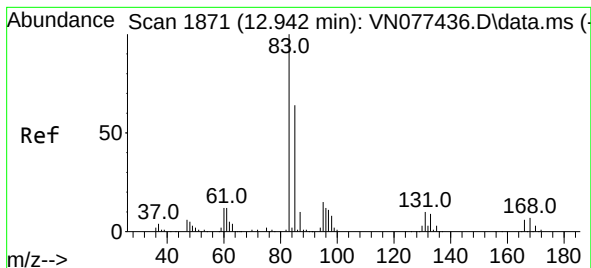


#74
N-ethyl acetate
Concen: 50.681 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



Tgt Ion: 43 Resp: 614019
Ion Ratio Lower Upper
43 100
70 59.3 43.4 65.2
55 27.9 21.4 32.0
61 30.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.849 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

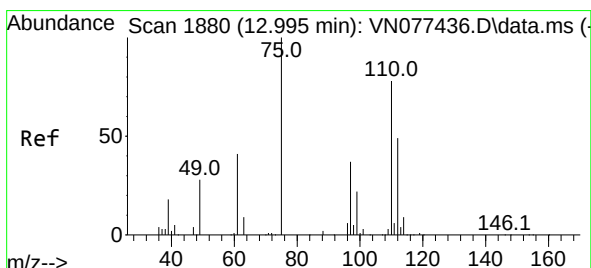
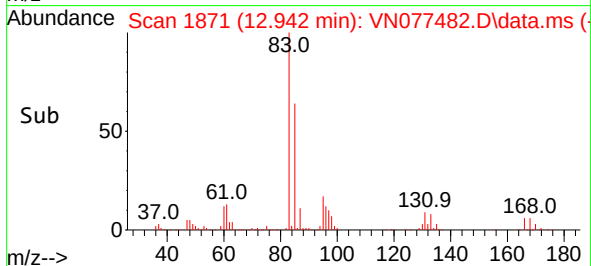
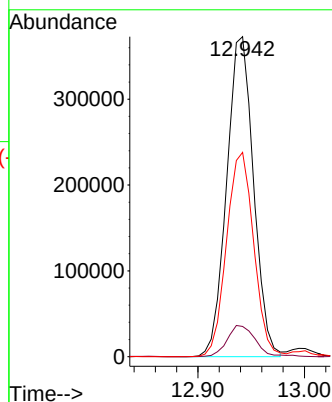
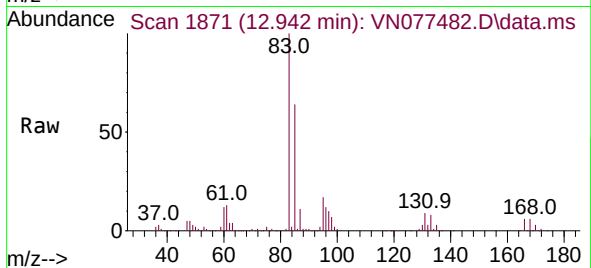
VSTDCCC050EC

Tgt Ion: 83 Resp: 65381
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 64.6 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: 45.814 ug/l m

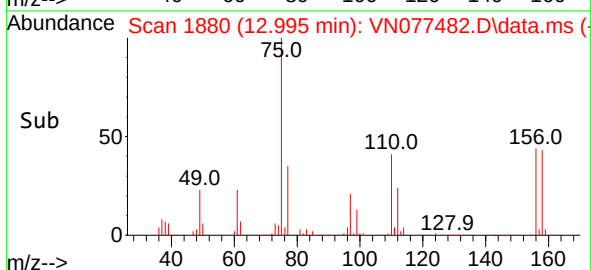
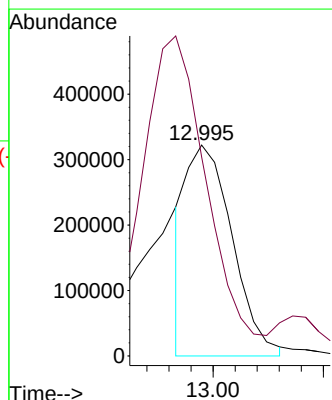
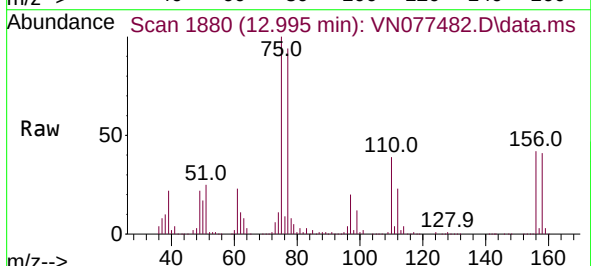
RT: 12.995 min Scan# 1880

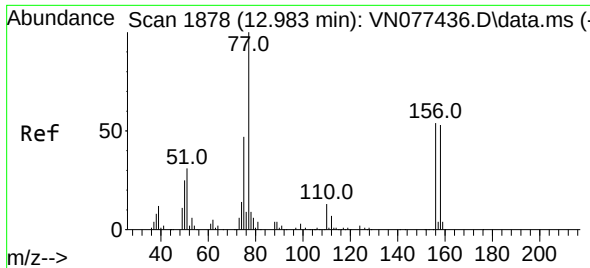
Delta R.T. -0.000 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

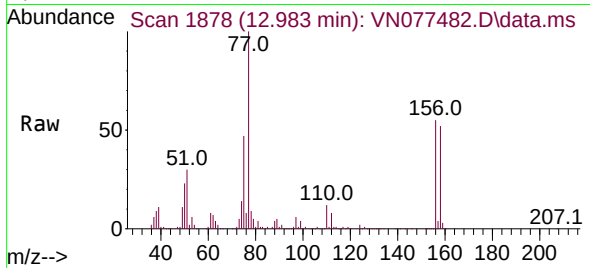
Tgt Ion: 75 Resp: 469816
 Ion Ratio Lower Upper
 75 100
 77 214.6 84.5 253.5





#77
Bromobenzene
Concen: 51.955 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

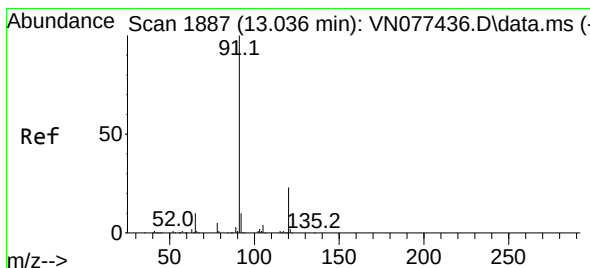
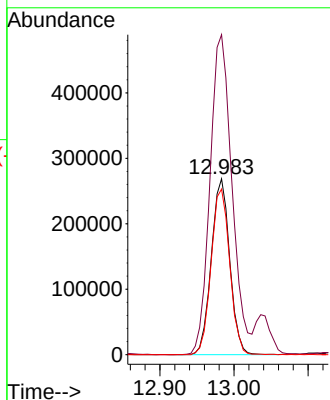
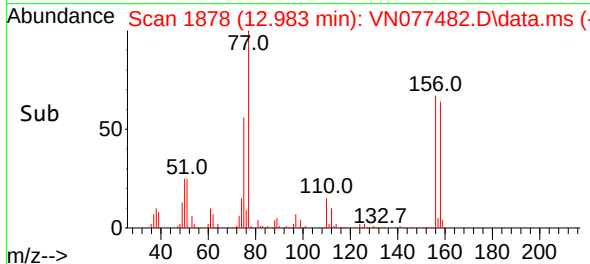
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



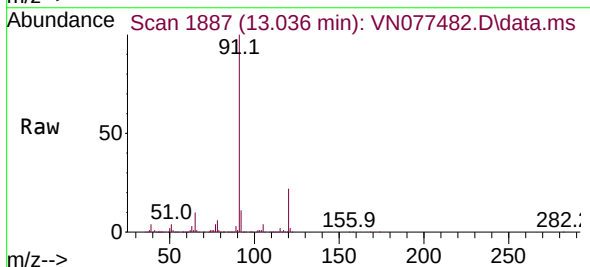
Tgt Ion:156 Resp: 463364
Ion Ratio Lower Upper
156 100
77 217.6 107.7 323.3
158 95.0 48.4 145.3

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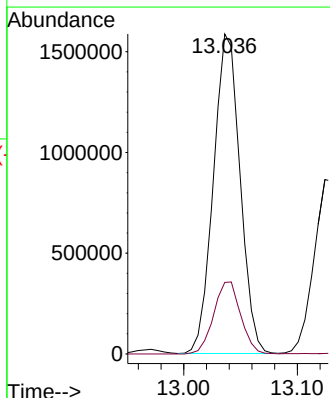
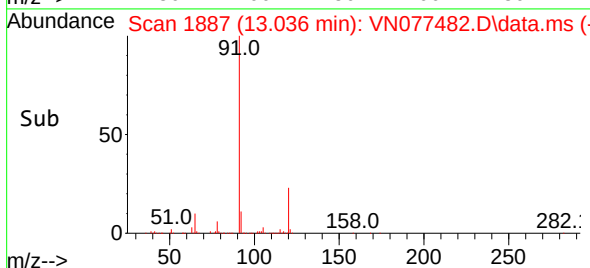
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

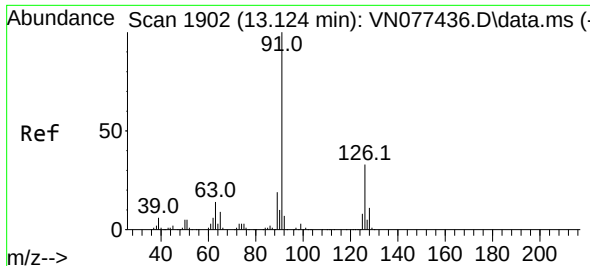


#78
n-propylbenzene
Concen: 57.193 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



Tgt Ion: 91 Resp: 2587824
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





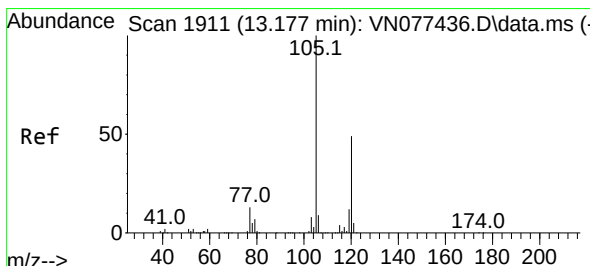
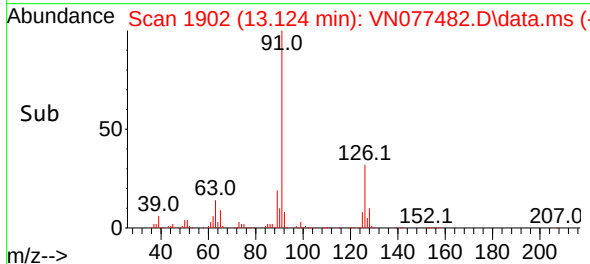
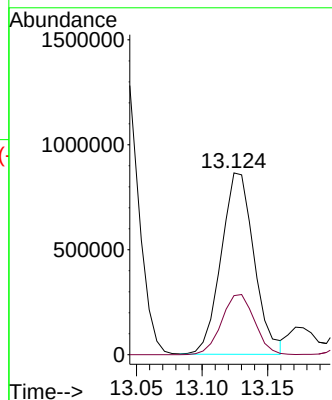
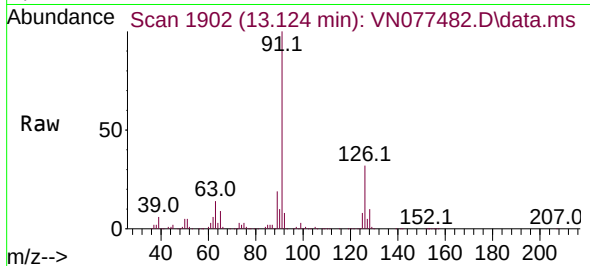
#79
2-Chlorotoluene
Concen: 54.181 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1511529
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

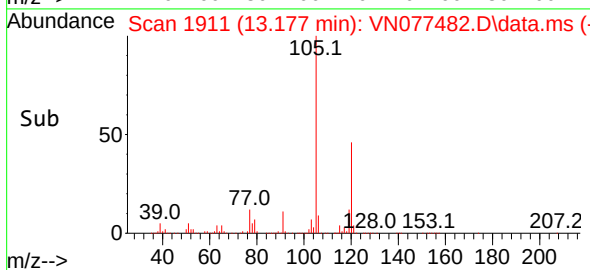
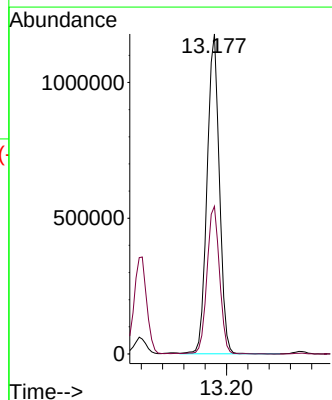
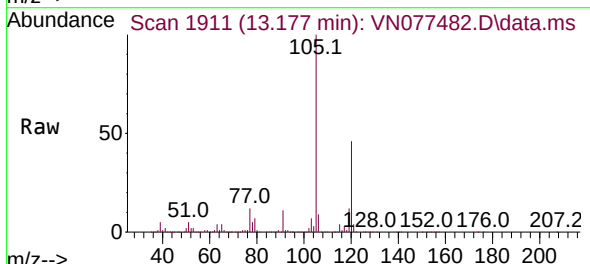
Manual Integrations
APPROVED

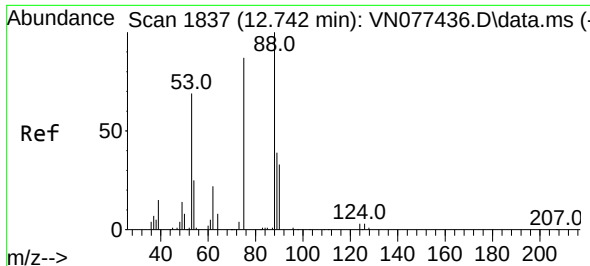
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 61.962 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

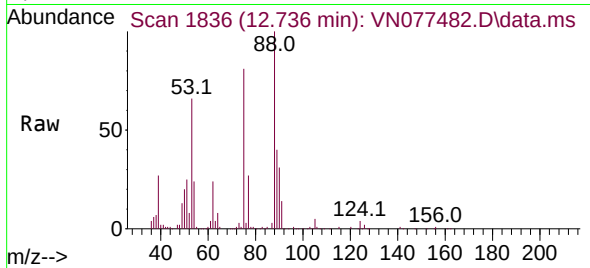
Tgt Ion:105 Resp: 1883036
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 55.045 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

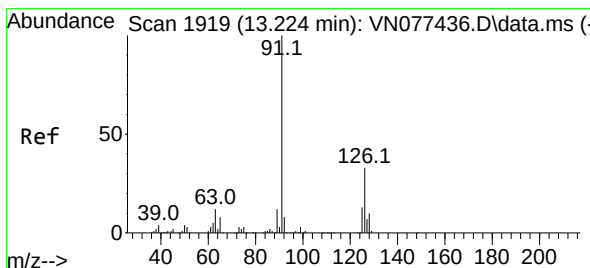
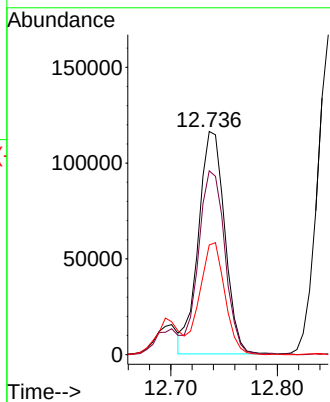
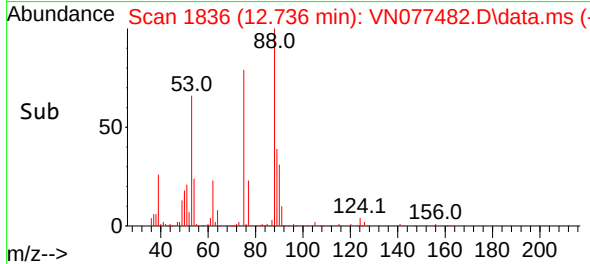
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 19980
Ion Ratio Lower Upper
75 100
53 83.3 67.4 101.2
89 48.0 38.8 58.2

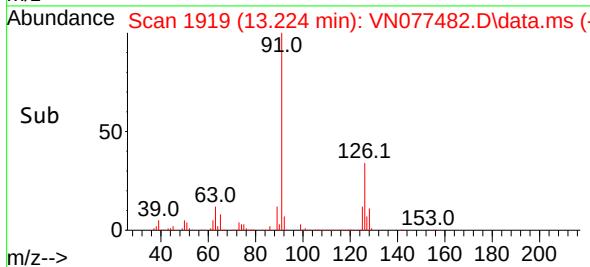
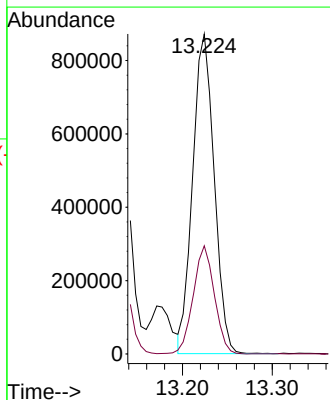
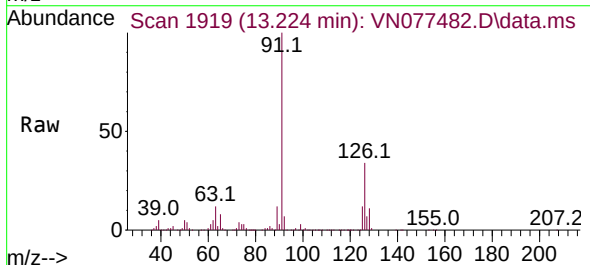
Manual Integrations
APPROVED

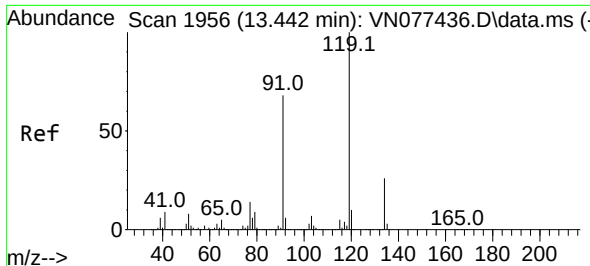
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 55.592 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

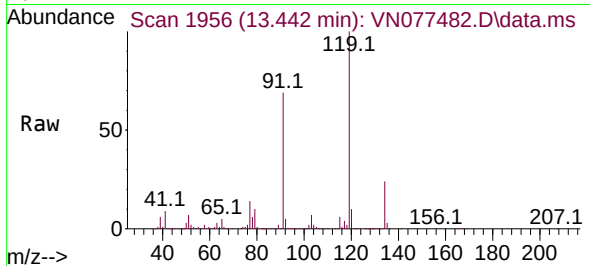
Tgt Ion: 91 Resp: 1449202
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 54.144 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

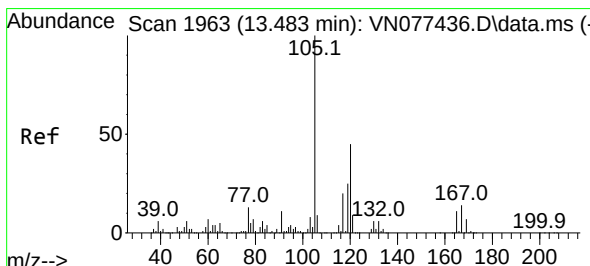
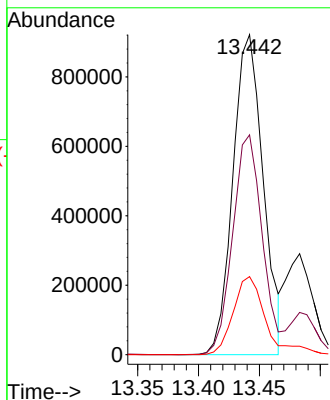
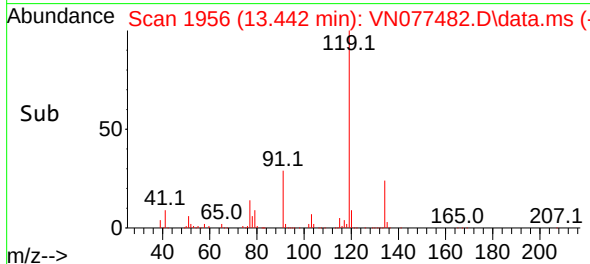
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



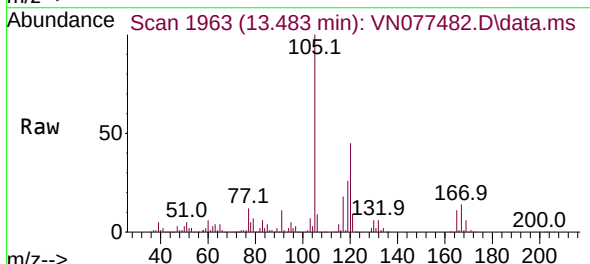
Tgt Ion:119 Resp: 159793
Ion Ratio Lower Upper
119 100
91 68.1 33.9 101.7
134 26.2 13.2 39.6

Manual Integrations
APPROVED

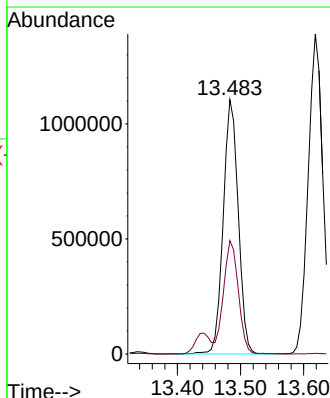
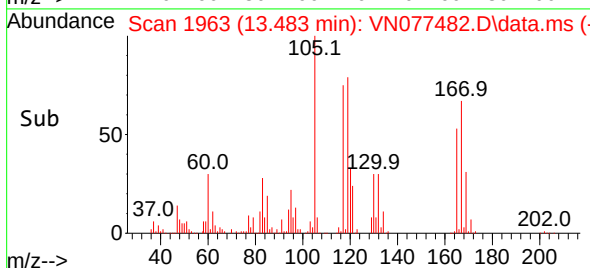
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

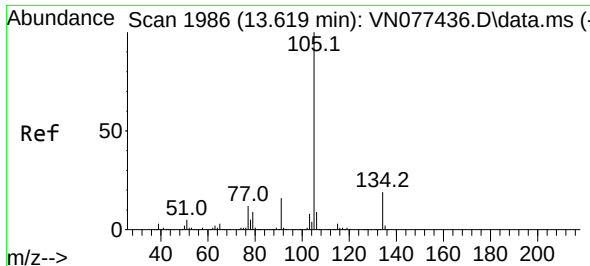


#84
1,2,4-Trimethylbenzene
Concen: 64.325 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



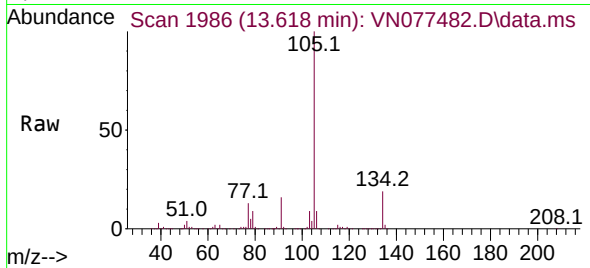
Tgt Ion:105 Resp: 1825656
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 55.629 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077482.D
 Acq: 25 Apr 2023 20:22

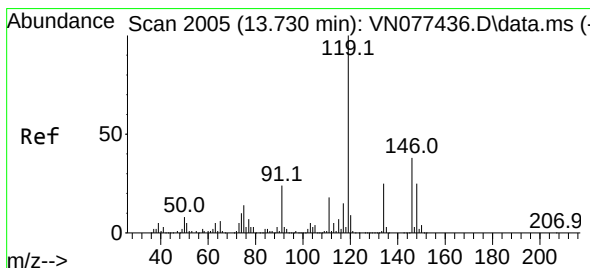
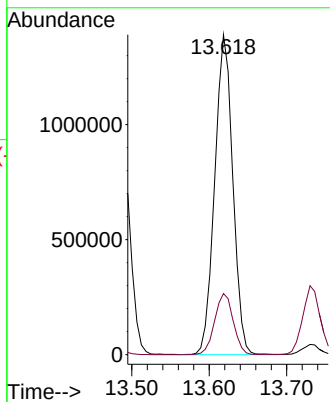
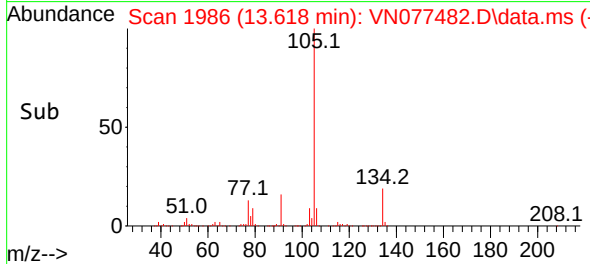
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



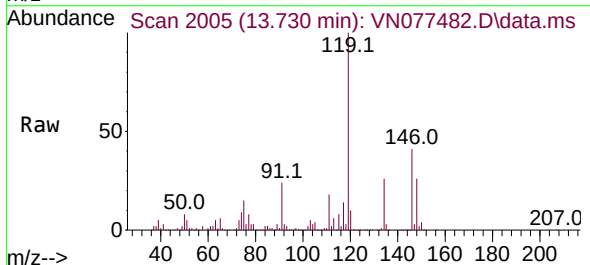
Tgt Ion:105 Resp: 2253474
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

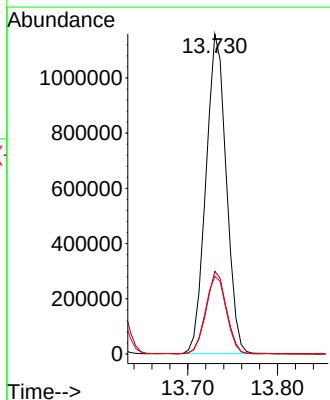
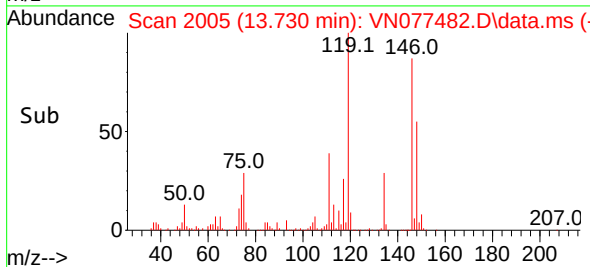
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

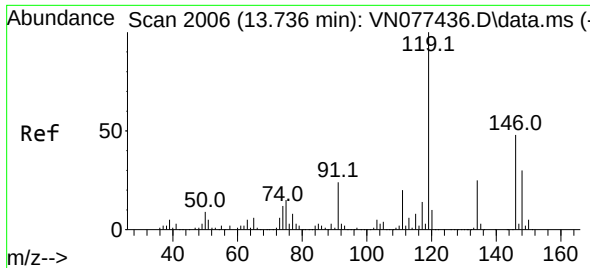


#86
 p-Isopropyltoluene
 Concen: 58.509 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077482.D
 Acq: 25 Apr 2023 20:22



Tgt Ion:119 Resp: 1823602
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.9 12.4 37.2





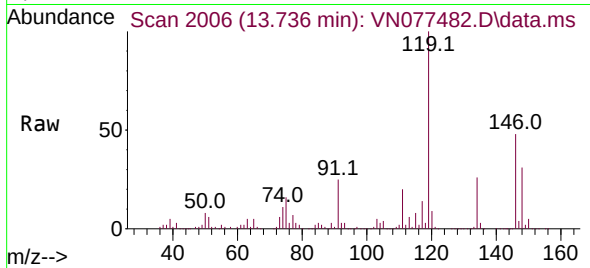
#87
1,3-Dichlorobenzene
Concen: 53.962 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



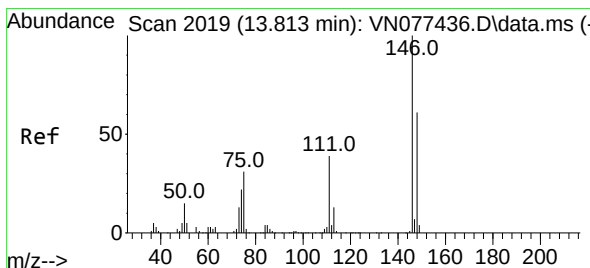
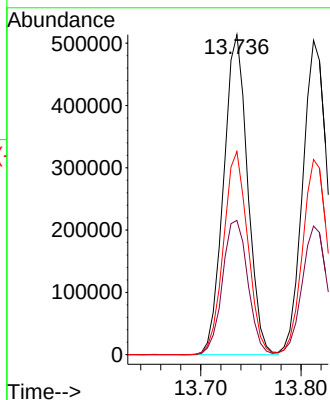
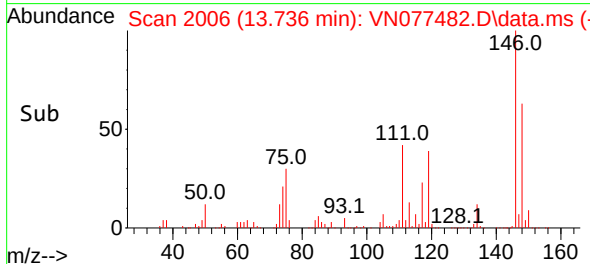
Tgt Ion:146 Resp: 85589
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.3
148 64.1 32.0 96.0

Manual Integrations

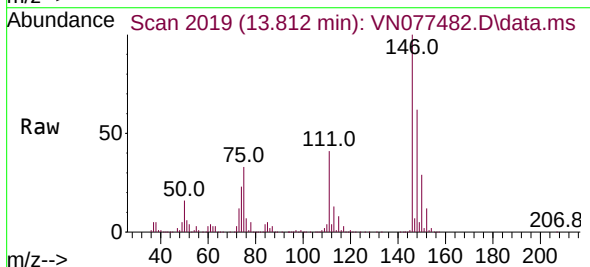
APPROVED

Reviewed By :John Carlone 04/26/2023

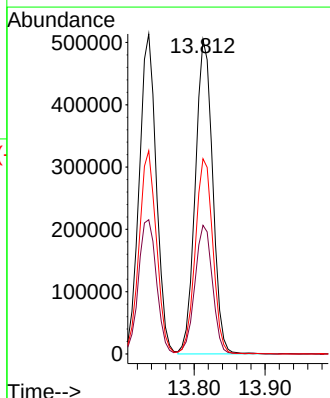
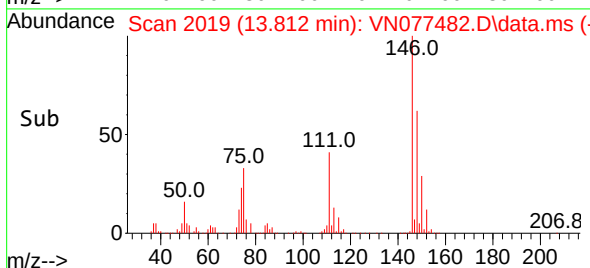
Supervised By :Mahesh Dadoda 04/26/2023

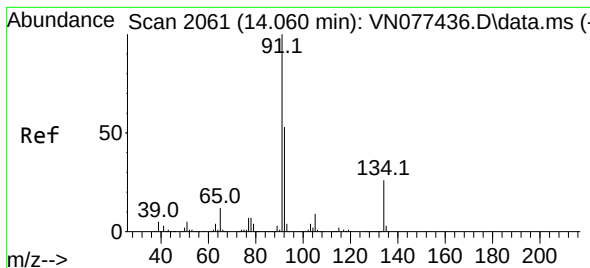


#88
1,4-Dichlorobenzene
Concen: 54.826 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



Tgt Ion:146 Resp: 858615
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.8
148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 64.220 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 154901

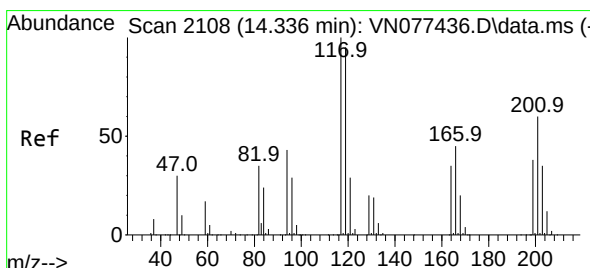
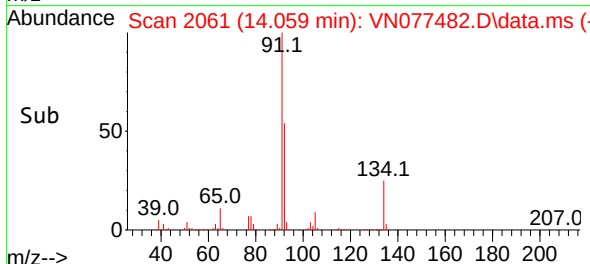
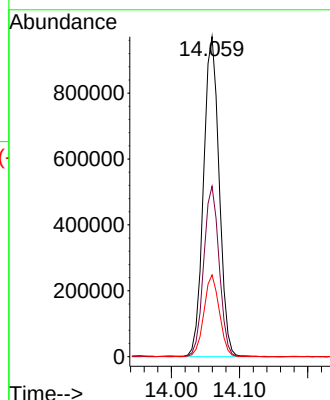
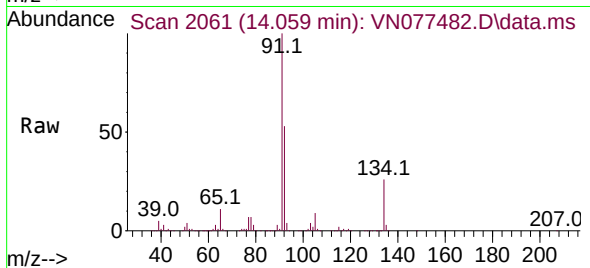
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.0
134	25.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#90

Hexachloroethane

Concen: 51.940 ug/l

RT: 14.336 min Scan# 2108

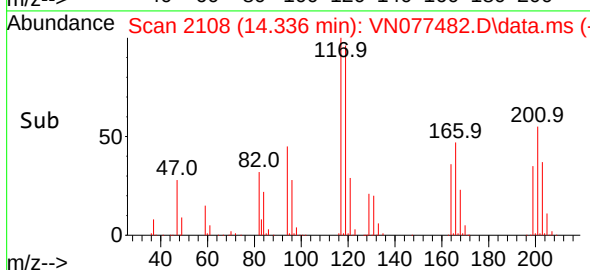
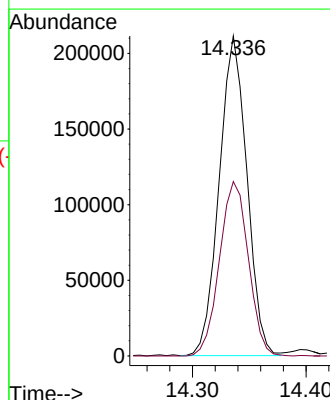
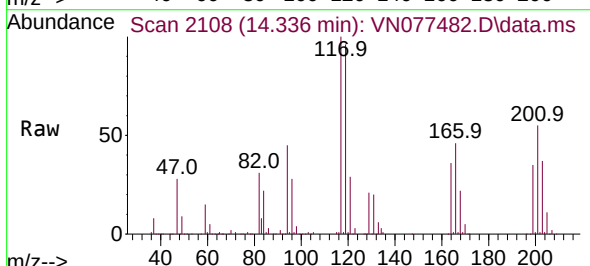
Delta R.T. -0.000 min

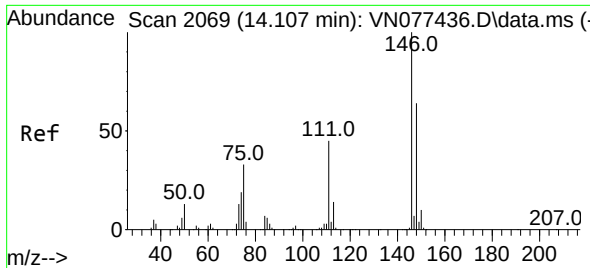
Lab File: VN077482.D

Acq: 25 Apr 2023 20:22

Tgt Ion:117 Resp: 357649

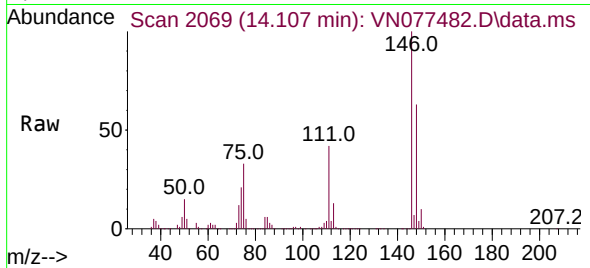
Ion	Ratio	Lower	Upper
117	100		
201	56.9	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 54.420 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

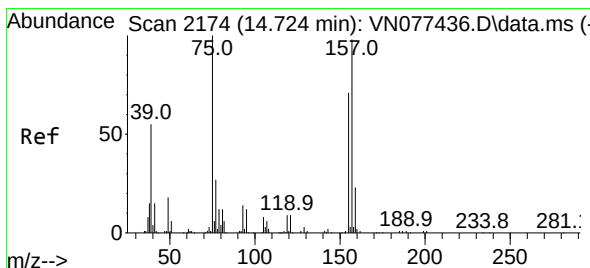
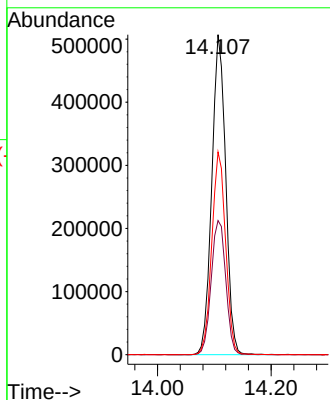
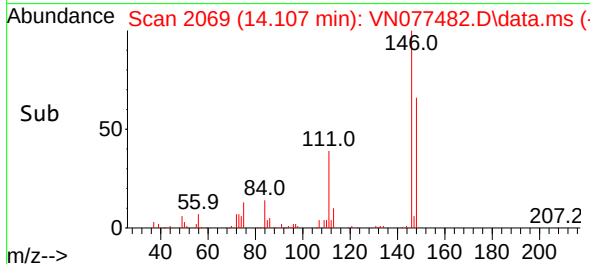
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



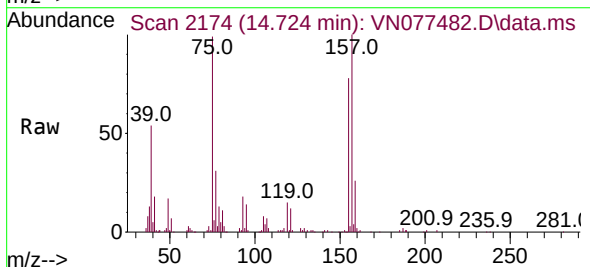
Tgt Ion:146 Resp: 85611
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
APPROVED

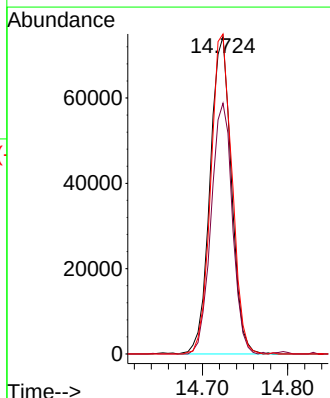
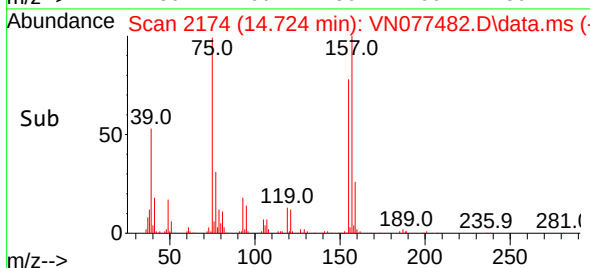
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

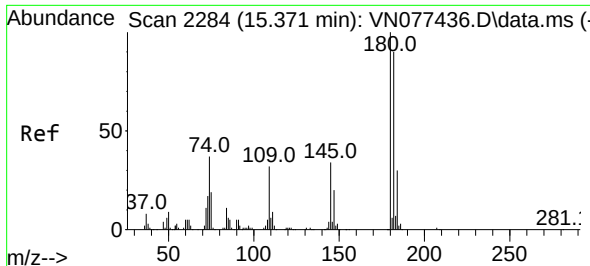


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.446 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



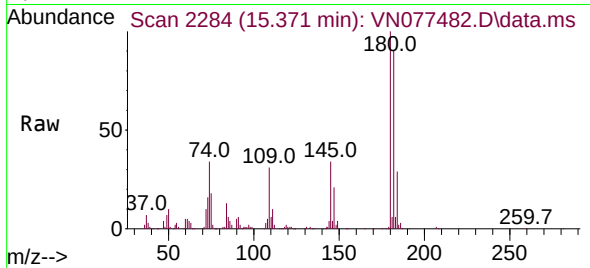
Tgt Ion: 75 Resp: 129456
Ion Ratio Lower Upper
75 100
155 78.7 39.1 117.2
157 99.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 59.720 ug/l
RT: 15.371 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

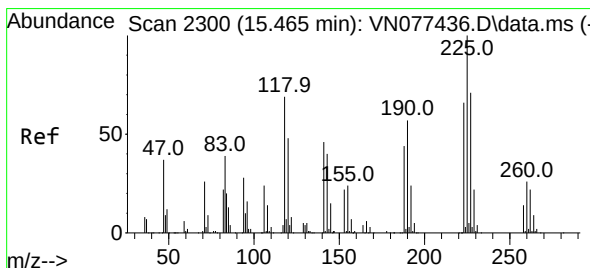
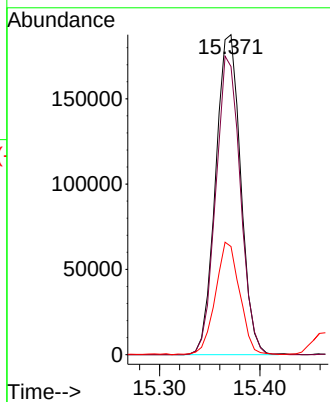
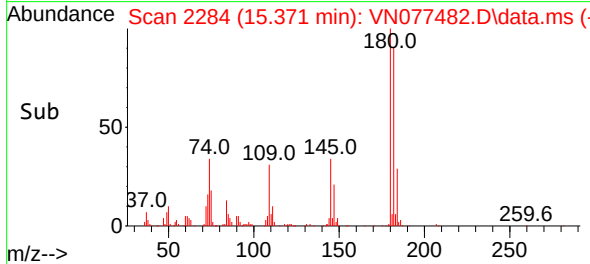
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



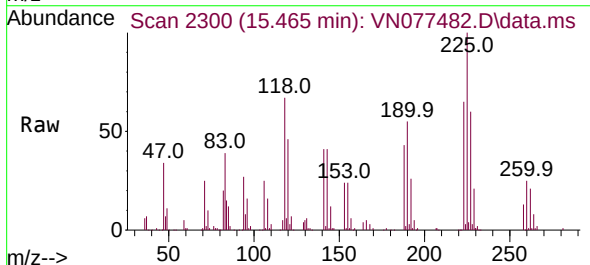
Tgt Ion:180 Resp: 32538
Ion Ratio Lower Upper
180 100
182 91.5 46.1 138.2
145 34.2 16.6 49.8

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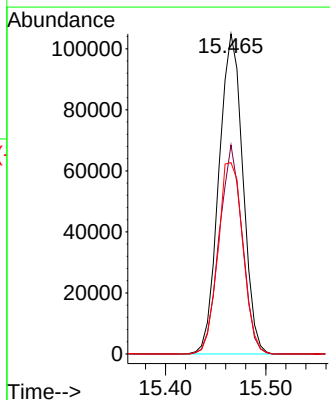
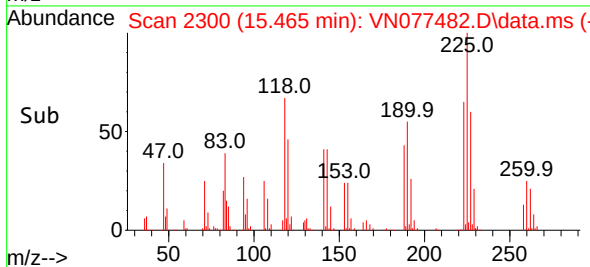
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

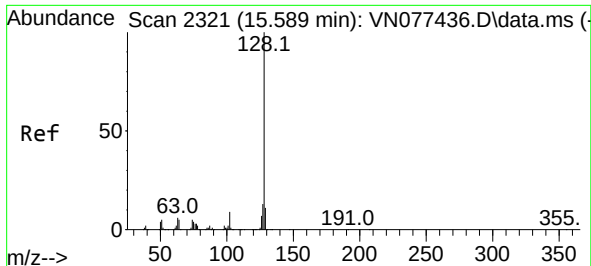


#94
Hexachlorobutadiene
Concen: 54.721 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22



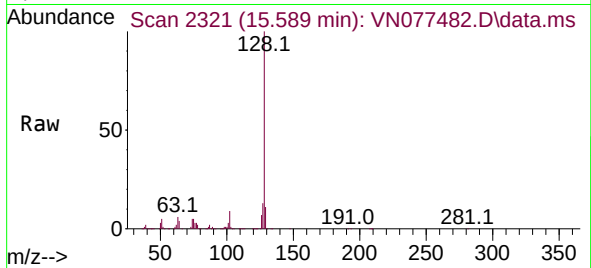
Tgt Ion:225 Resp: 173957
Ion Ratio Lower Upper
225 100
223 62.6 31.3 93.8
227 62.4 31.9 95.9





#95
Naphthalene
Concen: 62.166 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

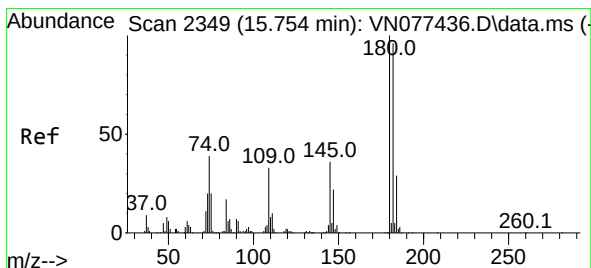
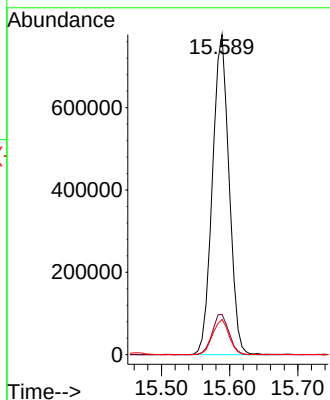
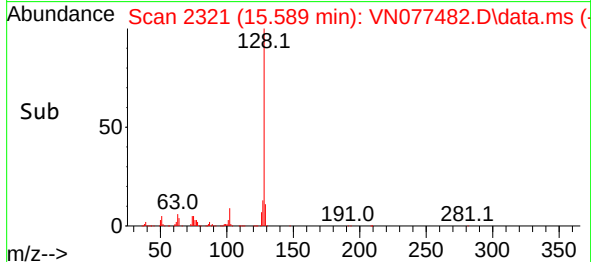
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1320168
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 11.0 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: 59.165 ug/l
RT: 15.753 min Scan# 2349
Delta R.T. -0.001 min
Lab File: VN077482.D
Acq: 25 Apr 2023 20:22

Tgt Ion:180 Resp: 300658
Ion Ratio Lower Upper
180 100
182 93.3 46.2 138.6
145 37.2 17.5 52.6

