

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077538.D
 Acq On : 01 May 2023 11:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 01 21:59:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	737931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1356349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1246678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	546553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	489947	50.882	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.760%			
35) Dibromofluoromethane	8.172	113	437730	53.694	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.380%			
50) Toluene-d8	10.566	98	1700942	54.440	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.848	95	600016	58.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	470212	49.917	ug/l	97
3) Chloromethane	2.372	50	331483	44.813	ug/l	98
4) Vinyl Chloride	2.525	62	460818	46.765	ug/l	100
5) Bromomethane	2.949	94	371996	43.581	ug/l	96
6) Chloroethane	3.125	64	310877	41.526	ug/l	99
7) Trichlorofluoromethane	3.507	101	728995	50.334	ug/l	97
8) Diethyl Ether	3.972	74	259200	49.250	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	422705	50.184	ug/l	99
10) Methyl Iodide	4.596	142	515186	49.785	ug/l	99
11) Tert butyl alcohol	5.525	59	353941	228.967	ug/l	100
12) 1,1-Dichloroethene	4.348	96	396978	48.206	ug/l	97
13) Acrolein	4.184	56	347837	226.196	ug/l	98
14) Allyl chloride	5.031	41	456077	49.814	ug/l	95
15) Acrylonitrile	5.731	53	867233	247.302	ug/l	100
16) Acetone	4.437	43	828445	270.431	ug/l	99
17) Carbon Disulfide	4.719	76	939776	44.910	ug/l	98
18) Methyl Acetate	5.025	43	571803	48.335	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	1402793	51.221	ug/l	99
20) Methylene Chloride	5.284	84	462786	47.636	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	431968	48.509	ug/l	94
22) Diisopropyl ether	6.678	45	1013783	48.246	ug/l	97
23) Vinyl Acetate	6.613	43	3120092	237.758	ug/l	99
24) 1,1-Dichloroethane	6.578	63	740552	49.788	ug/l	99
25) 2-Butanone	7.489	43	1080402	248.656	ug/l	99
26) 2,2-Dichloropropane	7.495	77	755726	52.399	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	535259	50.754	ug/l	98
28) Bromochloromethane	7.819	49	239395	42.146	ug/l	94
29) Tetrahydrofuran	7.842	42	643229	236.277	ug/l	96
30) Chloroform	7.966	83	892550	53.246	ug/l	95
31) Cyclohexane	8.260	56	599273	43.933	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	822029	53.339	ug/l	97
36) 1,1-Dichloropropene	8.372	75	622180	52.827	ug/l	99
37) Ethyl Acetate	7.566	43	425709	47.567	ug/l	99
38) Carbon Tetrachloride	8.366	117	709262	54.581	ug/l	96
39) Methylcyclohexane	9.601	83	821221	52.923	ug/l	98
40) Benzene	8.607	78	1887524	52.608	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	220452	47.294	ug/l	91
42) 1,2-Dichloroethane	8.672	62	633136	51.377	ug/l	98
43) Isopropyl Acetate	8.689	43	758223	48.972	ug/l	97
44) Trichloroethene	9.354	130	491474	53.499	ug/l	98
45) 1,2-Dichloropropane	9.625	63	429630	51.118	ug/l	95
46) Dibromomethane	9.713	93	347642	50.977	ug/l	96
47) Bromodichloromethane	9.889	83	716323	54.303	ug/l	95
48) Methyl methacrylate	9.683	41	330628	46.913	ug/l	94
49) 1,4-Dioxane	9.695	88	184981	1046.394	ug/l	94
51) 4-Methyl-2-Pentanone	10.448	43	2212904	243.674	ug/l	98
52) Toluene	10.630	92	1282449	54.561	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	762369	57.075	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	796651	54.793	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	500374	52.939	ug/l	98
56) Ethyl methacrylate	10.877	69	713032	53.837	ug/l	93
57) 1,3-Dichloropropane	11.166	76	818970	54.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	954004	212.964	ug/l	97
59) 2-Hexanone	11.195	43	1666394	252.438	ug/l	96
60) Dibromochloromethane	11.360	129	545458	55.606	ug/l	99
61) 1,2-Dibromoethane	11.472	107	524577	54.362	ug/l	97
64) Tetrachloroethene	11.107	164	385665	51.679	ug/l	100
65) Chlorobenzene	11.895	112	1385995	52.538	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	501519	52.252	ug/l	98
67) Ethyl Benzene	11.966	91	2496358	53.754	ug/l	100
68) m/p-Xylenes	12.072	106	1946943	107.869	ug/l	99
69) o-Xylene	12.401	106	954668	53.774	ug/l	99
70) Styrene	12.413	104	1559200	56.159	ug/l	99
71) Bromoform	12.577	173	349341	55.633	ug/l #	100
73) Isopropylbenzene	12.695	105	2557886	50.434	ug/l	99
74) N-amyl acetate	12.495	43	664687	44.267	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.936	83	735839	46.175	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	604182m	47.538	ug/l	
77) Bromobenzene	12.983	156	528527	47.815	ug/l	99
78) n-propylbenzene	13.036	91	2908077	51.857	ug/l	100
79) 2-Chlorotoluene	13.124	91	1738652	50.286	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	2117033	56.208	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	222352	49.426	ug/l	94
82) 4-Chlorotoluene	13.224	91	1688674	52.267	ug/l	100
83) tert-Butylbenzene	13.442	119	1845971	50.468	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	2062971	58.648	ug/l	99
85) sec-Butylbenzene	13.618	105	2649340	52.770	ug/l	100
86) p-Isopropyltoluene	13.730	119	2131435	55.178	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	1004698	51.109	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	996359	51.333	ug/l	99
89) n-Butylbenzene	14.060	91	1817347	60.793	ug/l	99
90) Hexachloroethane	14.336	117	412355	48.319	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	986004	50.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	137330	46.602	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	356474	54.791	ug/l	99
94) Hexachlorobutadiene	15.501	225	222034	56.355	ug/l	97
95) Naphthalene	15.642	128	1342555	54.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	320958	53.309	ug/l	96

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ClientSampleId :
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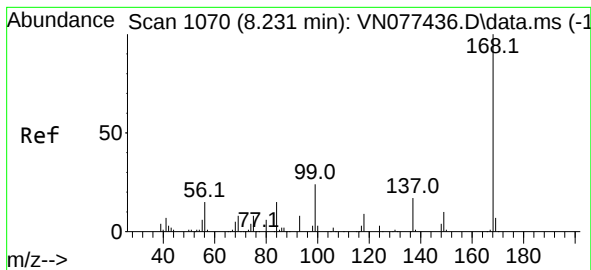
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

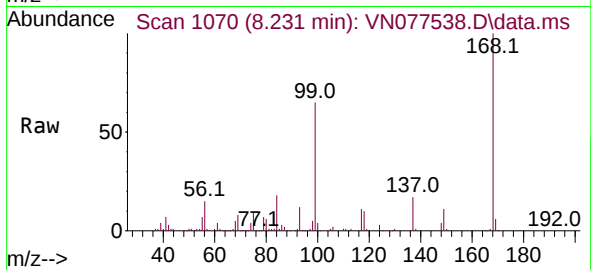
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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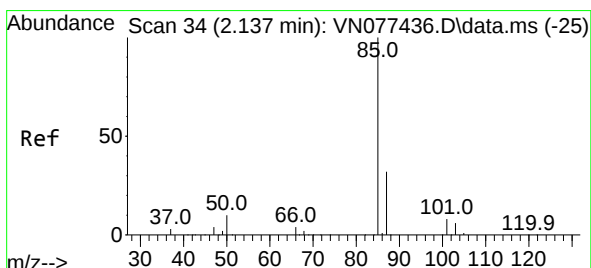
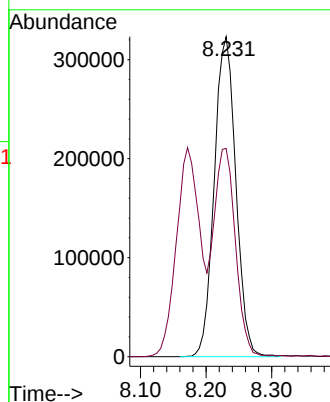
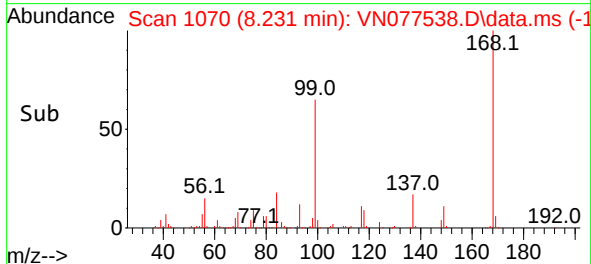
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



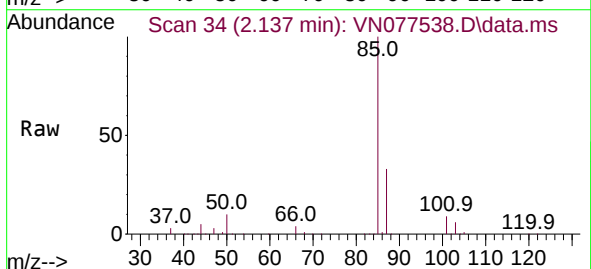
Tgt Ion:168 Resp: 73793
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6

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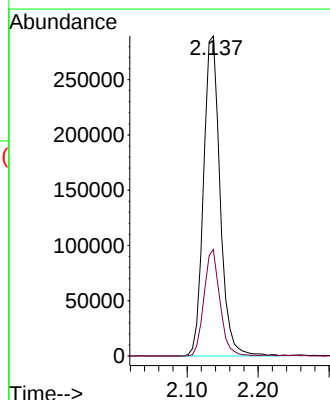
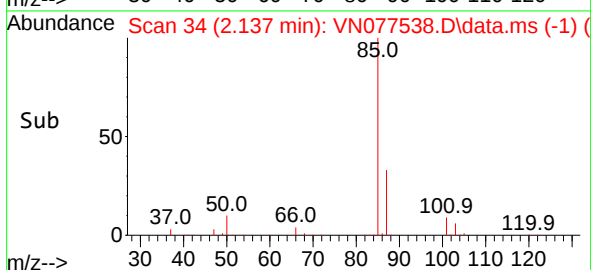
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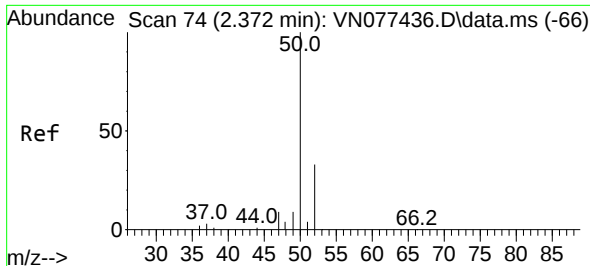


#2
Dichlorodifluoromethane
Concen: 49.917 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



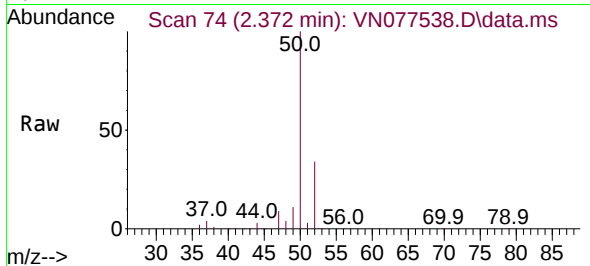
Tgt Ion: 85 Resp: 470212
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 44.813 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

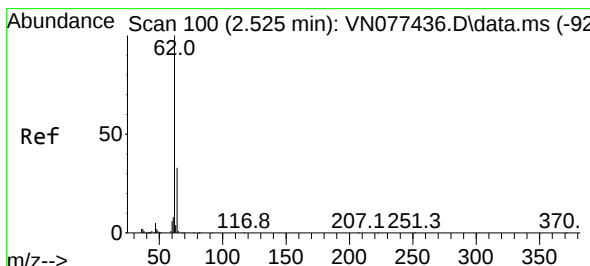
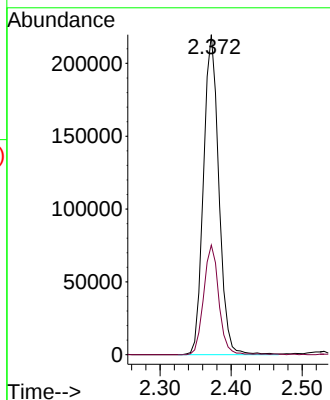
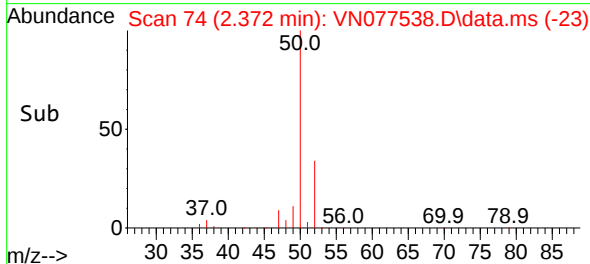
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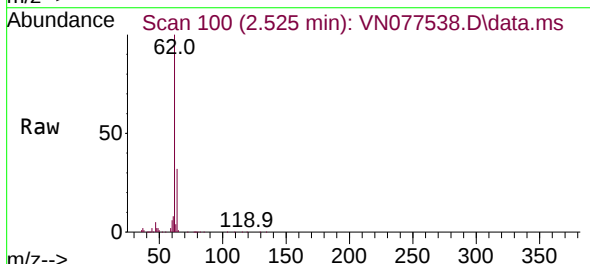
Tgt Ion: 50 Resp: 33148
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7

Manual Integrations
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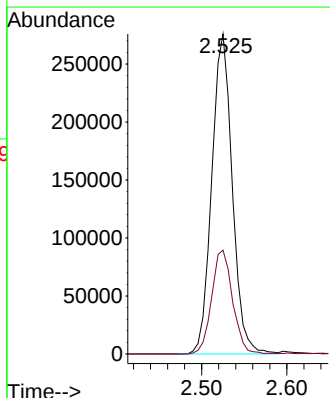
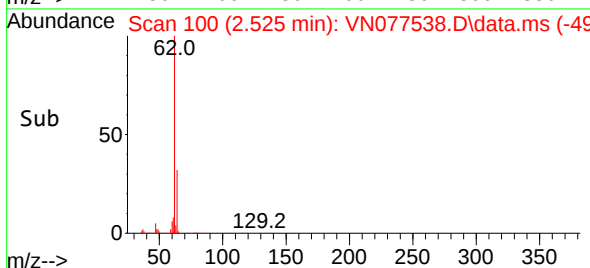
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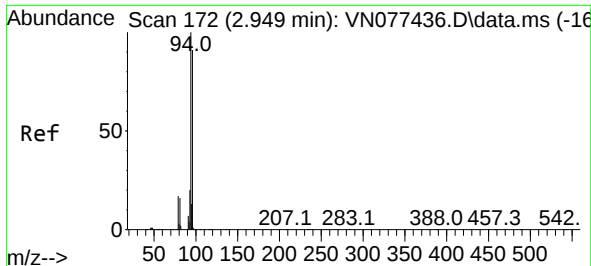


#4
Vinyl Chloride
Concen: 46.765 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



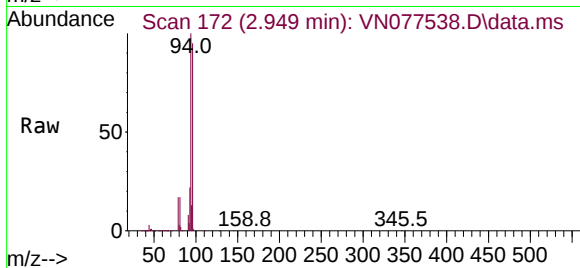
Tgt Ion: 62 Resp: 460818
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2





#5
Bromomethane
Concen: 43.581 ug/l
RT: 2.949 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

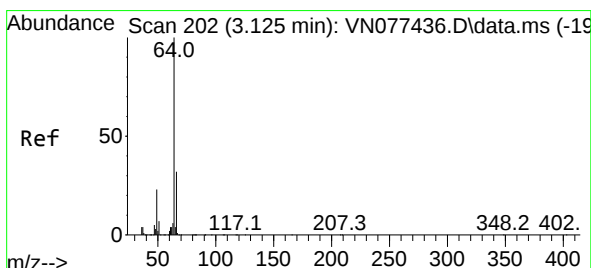
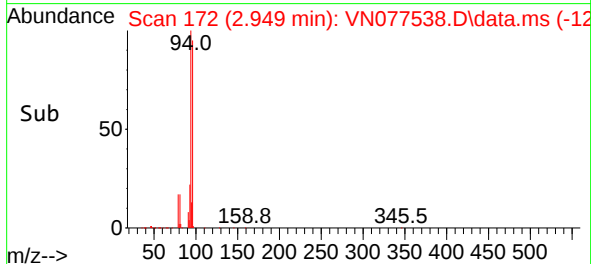
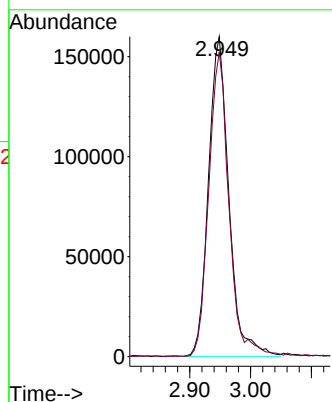
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Tgt Ion: 94 Resp: 371990
Ion Ratio Lower Upper
94 100
96 95.0 73.1 109.7

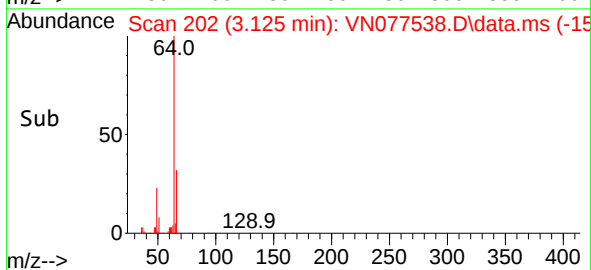
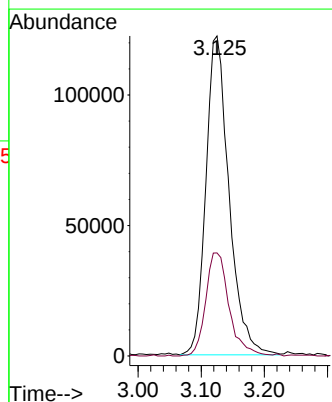
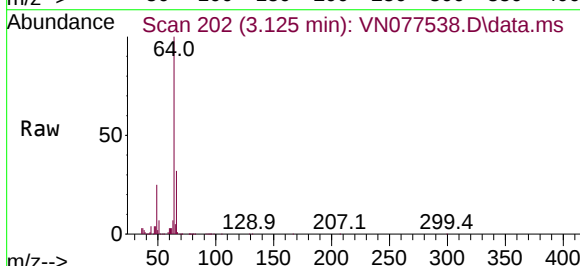
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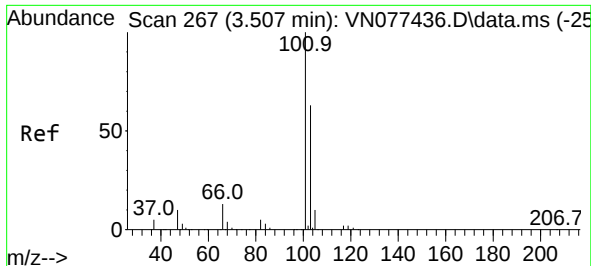
Reviewed By :John Carlone 05/02/2023
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#6
Chloroethane
Concen: 41.526 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 310877
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





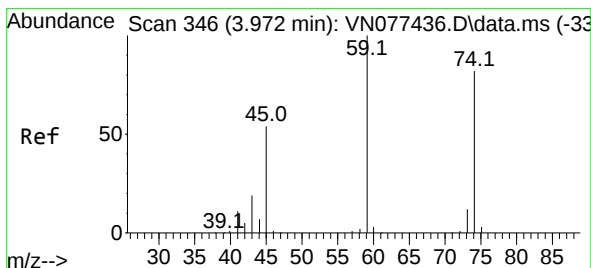
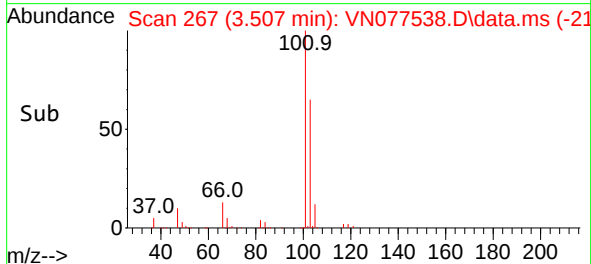
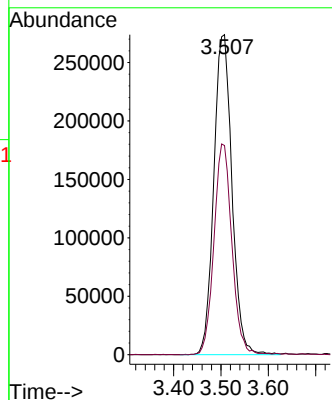
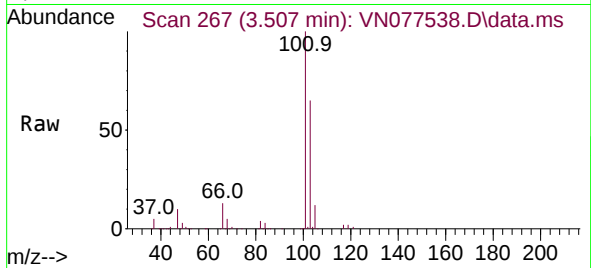
#7
Trichlorofluoromethane
Concen: 50.334 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 728995
Ion Ratio Lower Upper
101 100
103 65.4 50.7 76.1

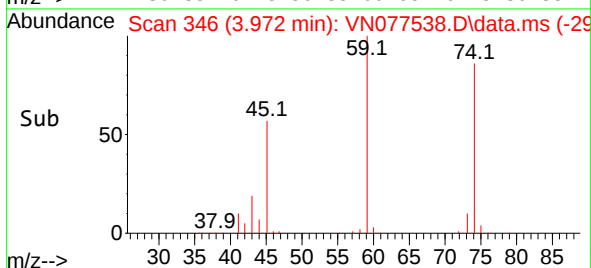
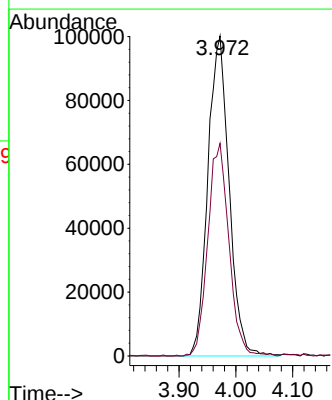
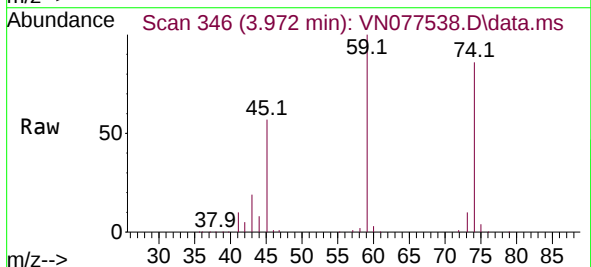
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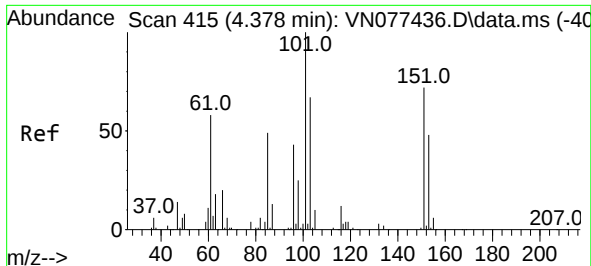
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#8
Diethyl Ether
Concen: 49.250 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077538.D
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Tgt Ion: 74 Resp: 259200
Ion Ratio Lower Upper
74 100
45 66.2 34.4 103.3





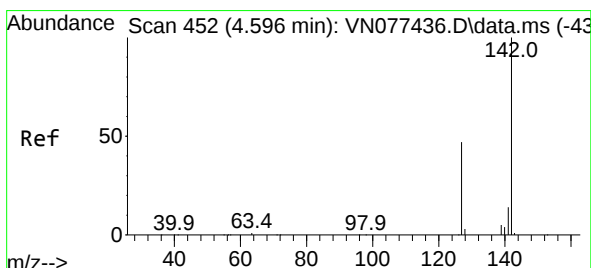
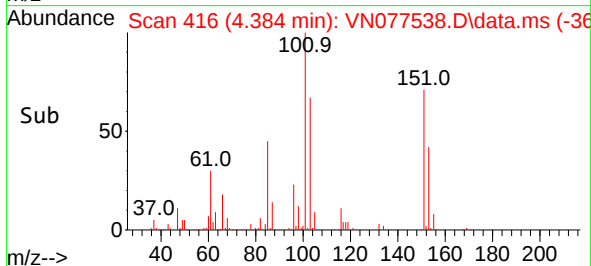
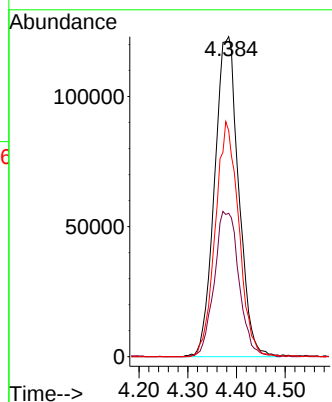
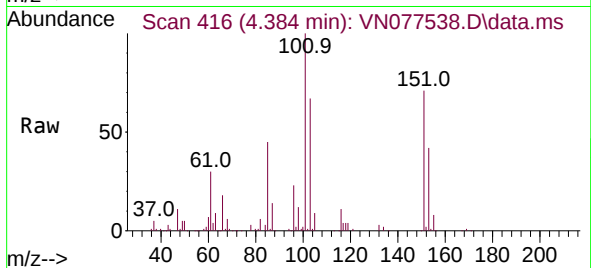
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.184 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 422705
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 71.5 57.6 86.4

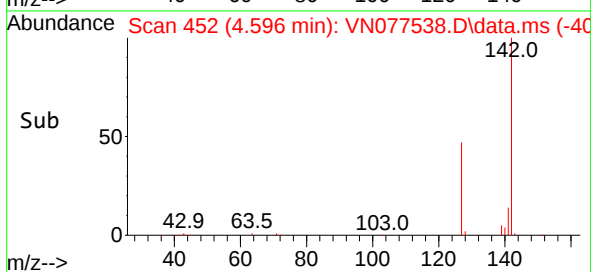
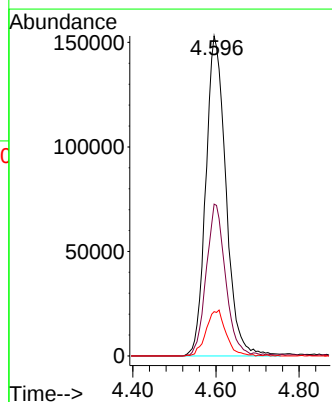
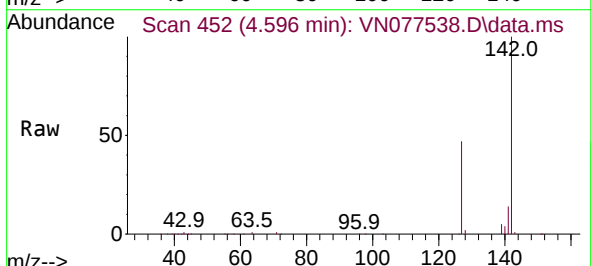
Manual Integrations
APPROVED

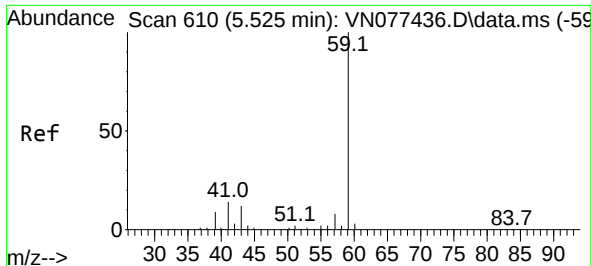
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#10
Methyl Iodide
Concen: 49.785 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

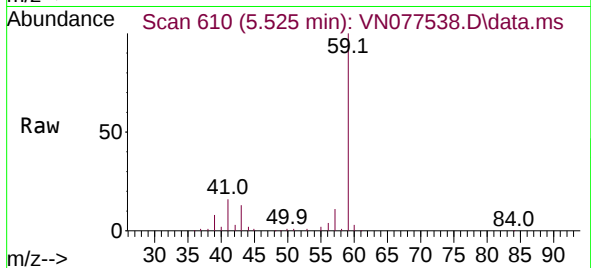
Tgt Ion:142 Resp: 515186
Ion Ratio Lower Upper
142 100
127 47.4 37.6 56.4
141 13.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 228.967 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

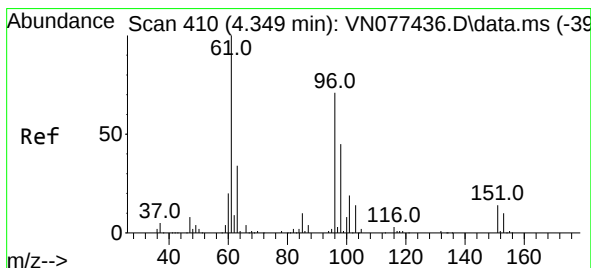
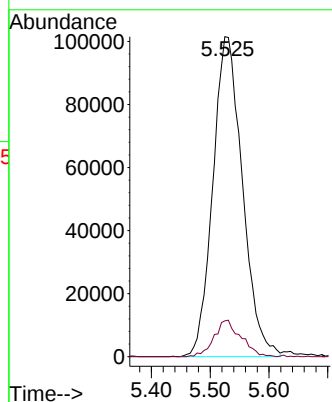
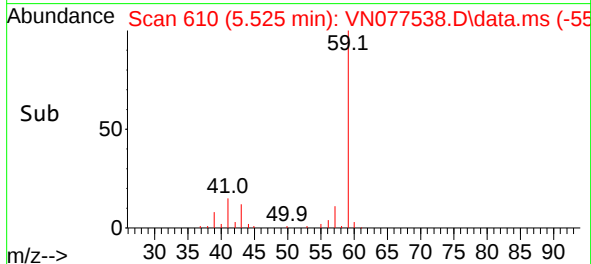
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 35394
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

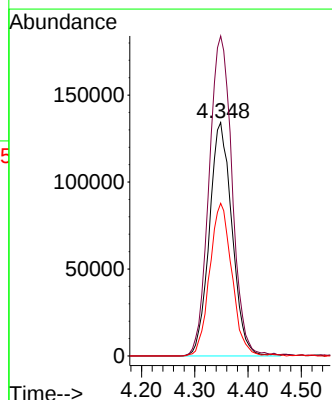
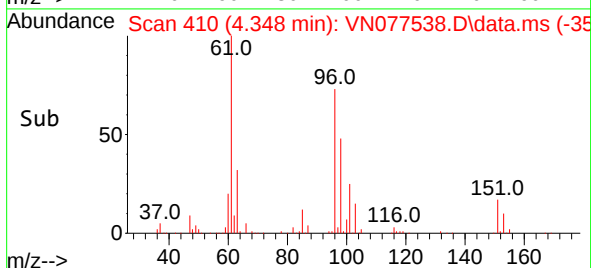
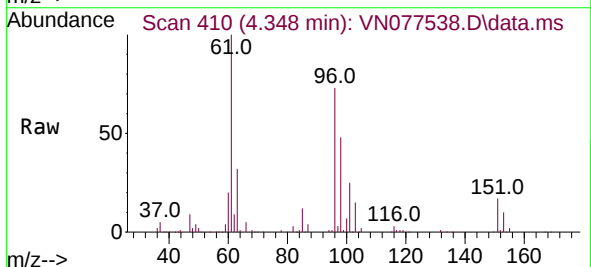
Manual Integrations
APPROVED

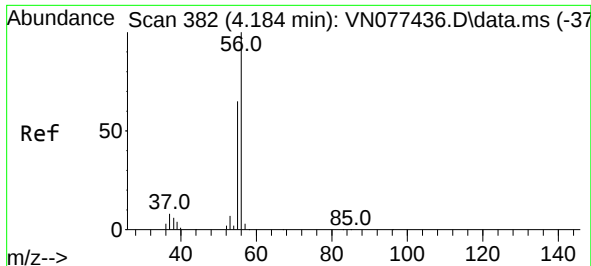
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#12
1,1-Dichloroethene
Concen: 48.206 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

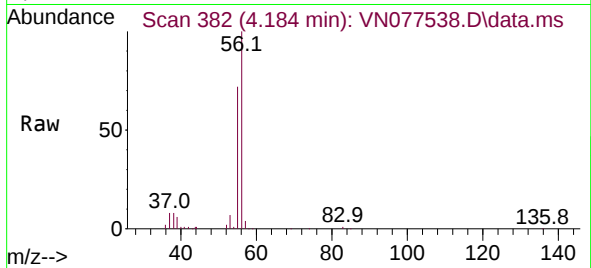
Tgt Ion: 96 Resp: 396978
Ion Ratio Lower Upper
96 100
61 137.0 112.7 169.1
98 65.4 51.2 76.8





#13
Acrolein
Concen: 226.196 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

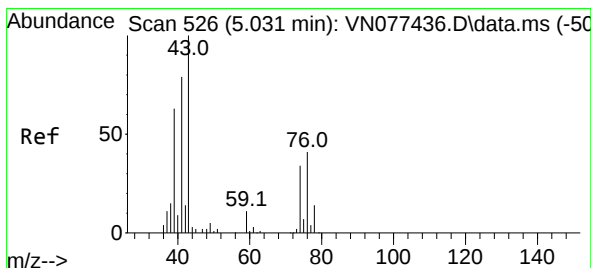
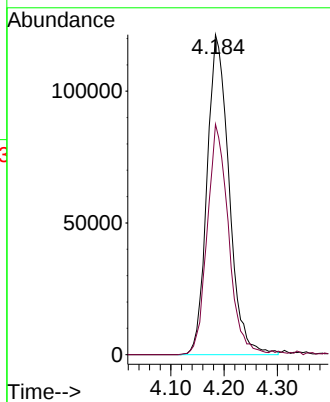
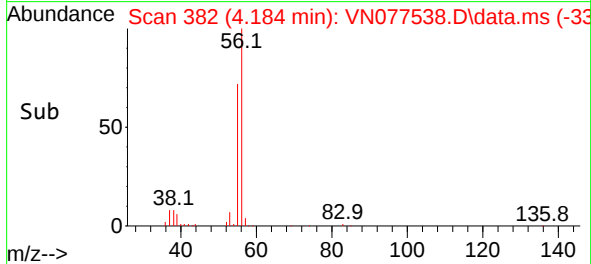
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 34783
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7

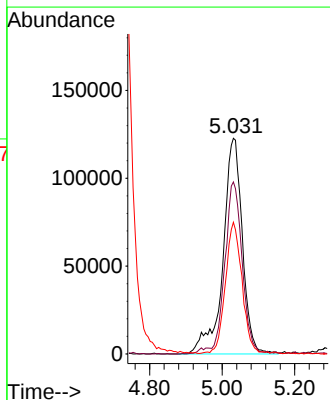
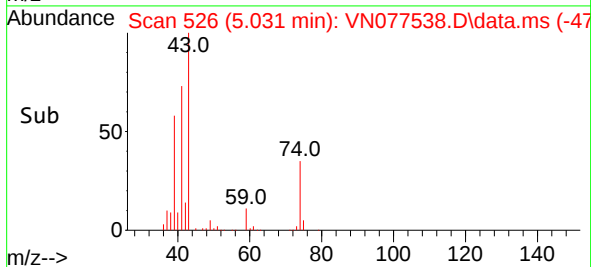
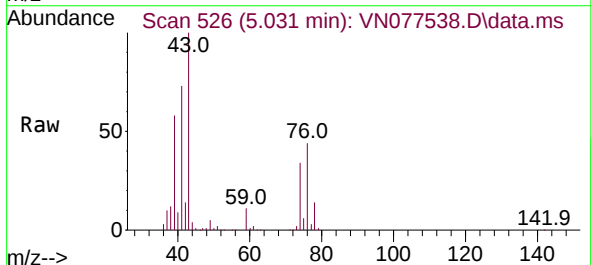
Manual Integrations
APPROVED

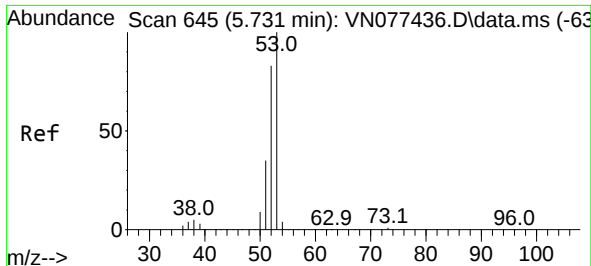
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#14
Allyl chloride
Concen: 49.814 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

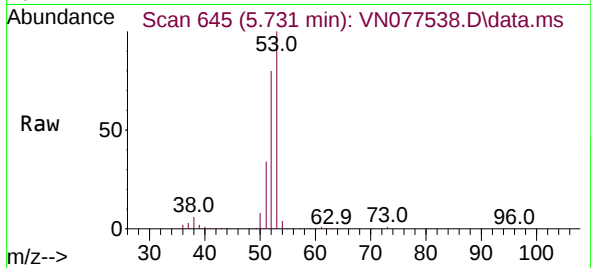
Tgt Ion: 41 Resp: 456077
Ion Ratio Lower Upper
41 100
39 68.8 58.8 88.2
76 52.0 39.1 58.7





#15
Acrylonitrile
Concen: 247.302 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

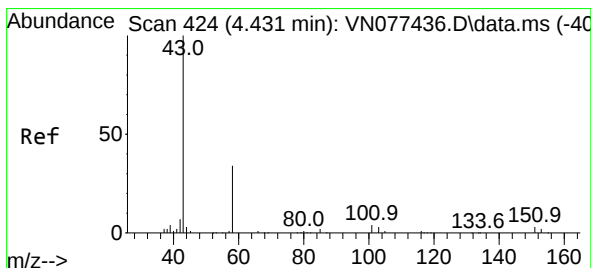
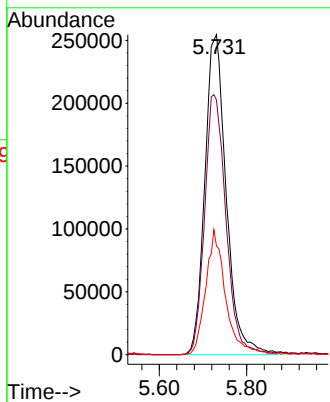
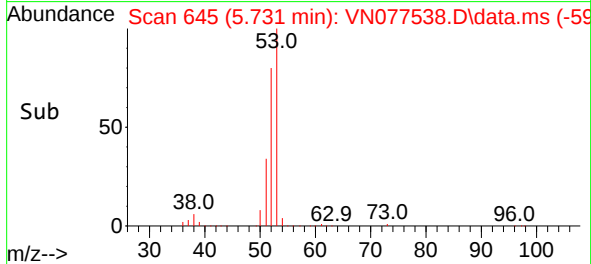
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



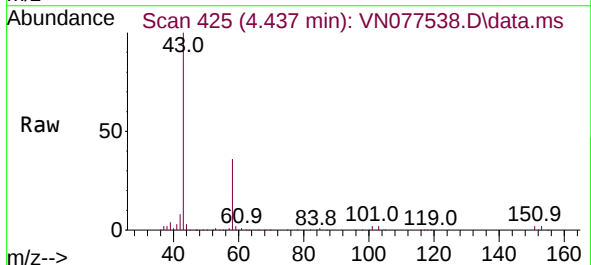
Tgt Ion: 53 Resp: 867233
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.1 28.9 43.3

Manual Integrations
APPROVED

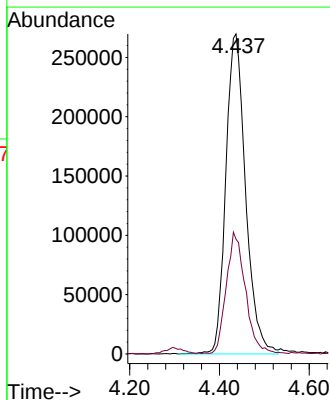
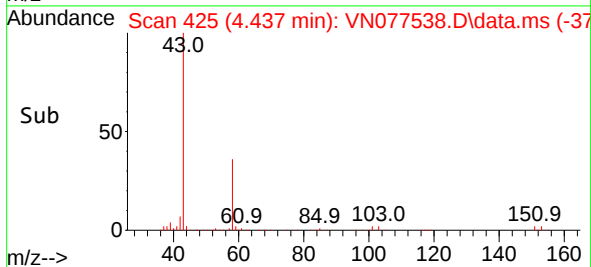
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

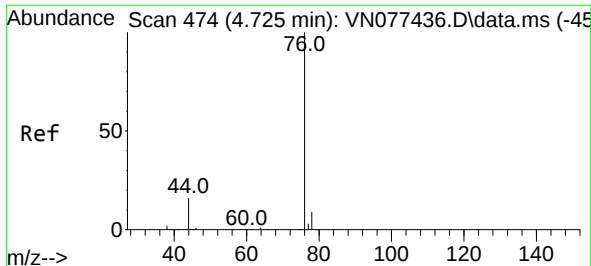


#16
Acetone
Concen: 270.431 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



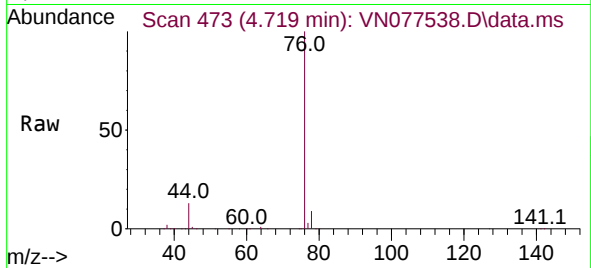
Tgt Ion: 43 Resp: 828445
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0





#17
Carbon Disulfide
Concen: 44.910 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

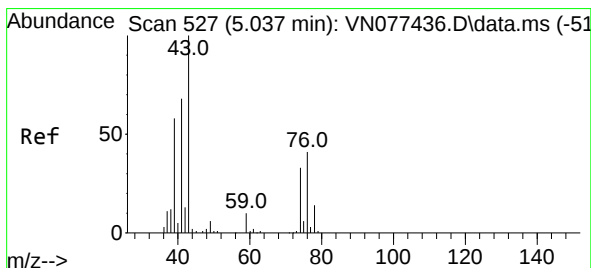
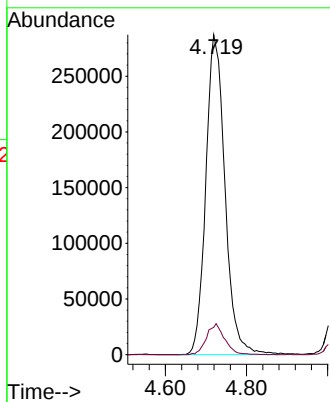
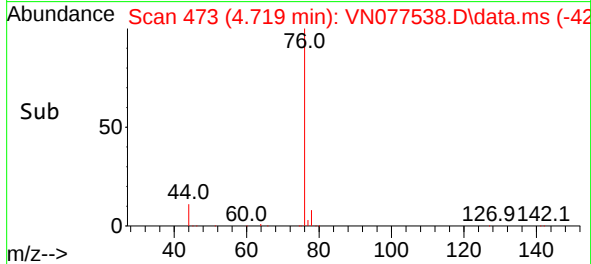
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 939770
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

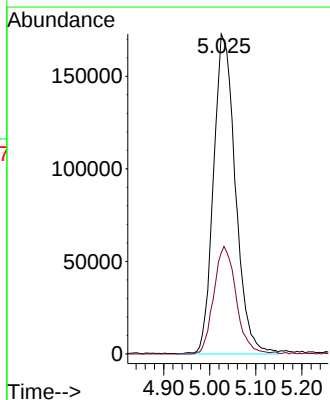
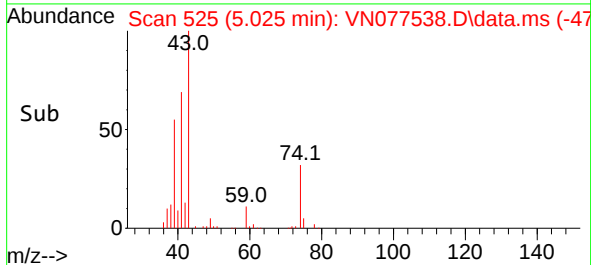
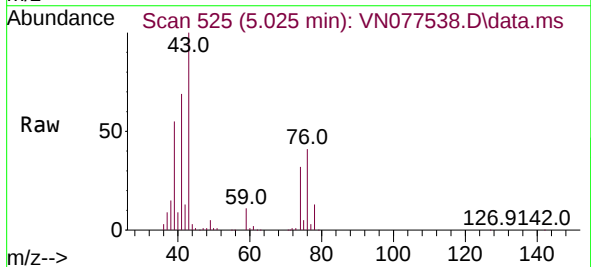
Manual Integrations
APPROVED

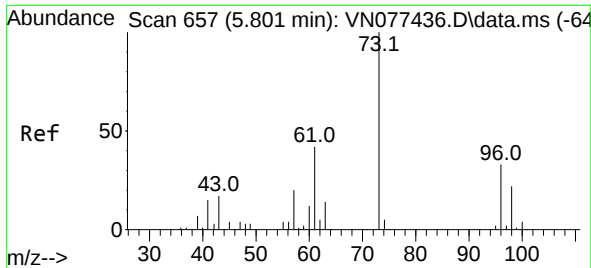
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#18
Methyl Acetate
Concen: 48.335 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.012 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

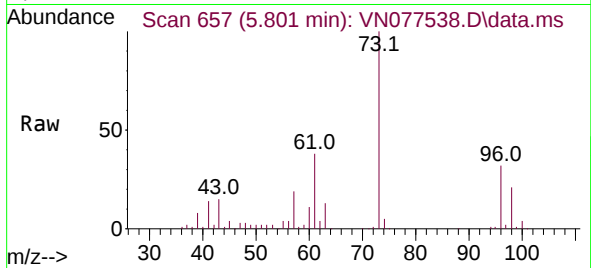
Tgt Ion: 43 Resp: 571803
Ion Ratio Lower Upper
43 100
74 34.2 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.221 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

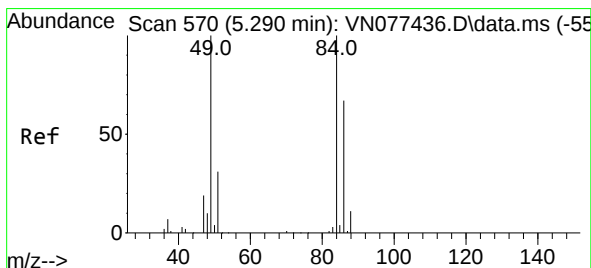
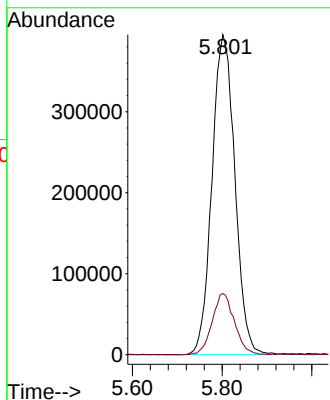
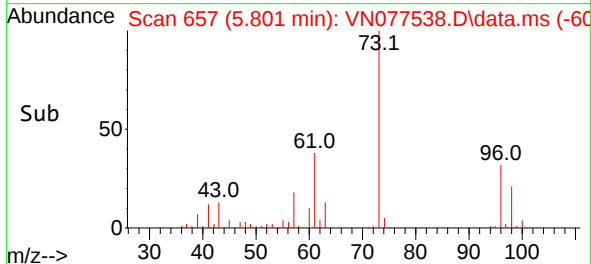
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



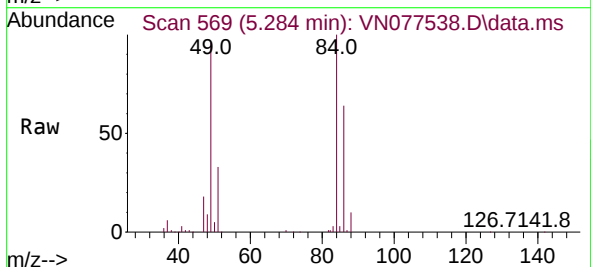
Tgt Ion: 73 Resp: 140279
Ion Ratio Lower Upper
73 100
57 19.1 15.6 23.4

Manual Integrations
APPROVED

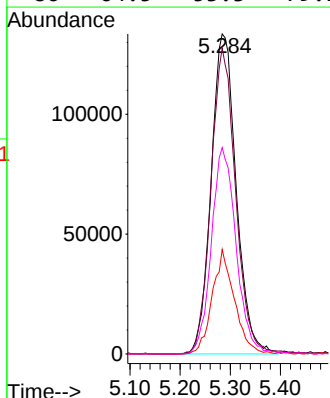
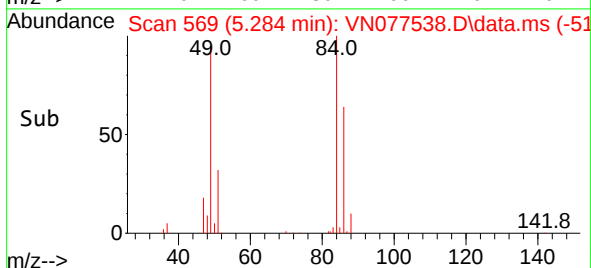
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

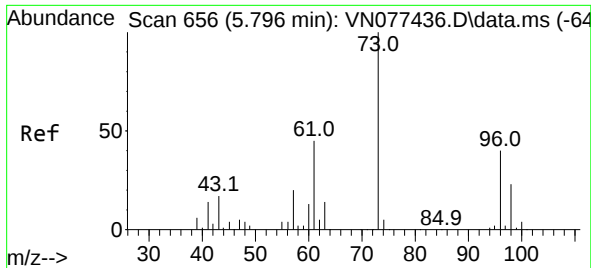


#20
Methylene Chloride
Concen: 47.636 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



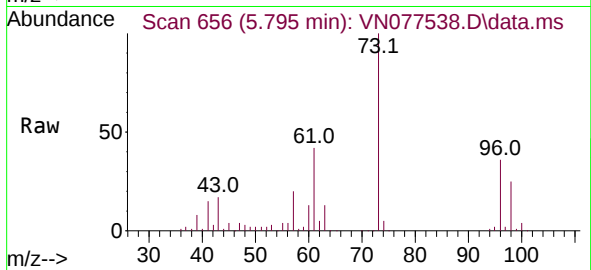
Tgt Ion: 84 Resp: 462786
Ion Ratio Lower Upper
84 100
49 95.6 79.7 119.5
51 32.7 25.2 37.8
86 64.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.509 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

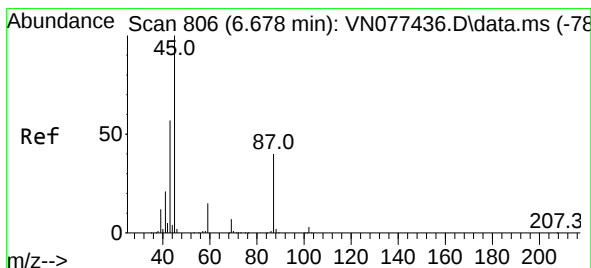
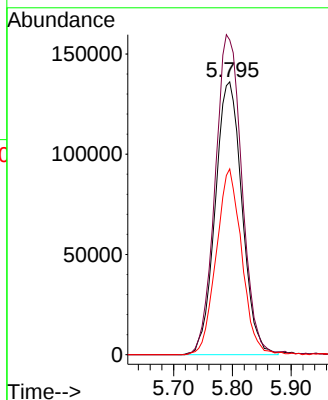
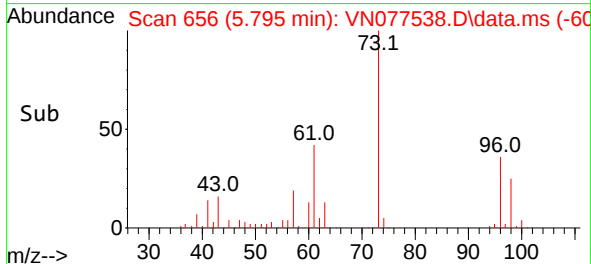
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



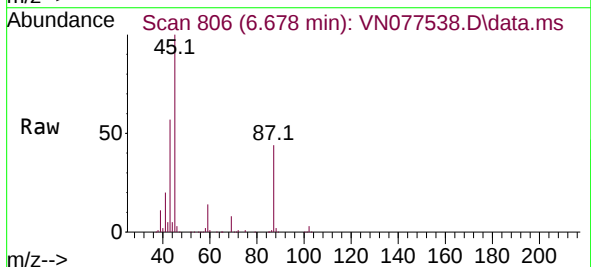
Tgt Ion: 96 Resp: 431968
Ion Ratio Lower Upper
96 100
61 115.4 90.1 135.1
98 68.1 46.4 69.6

Manual Integrations
APPROVED

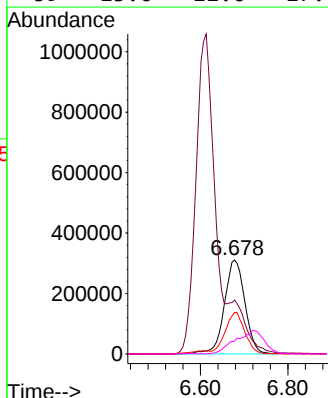
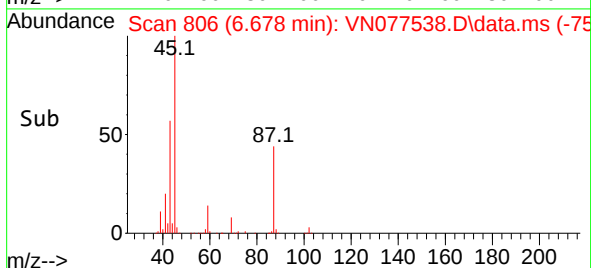
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

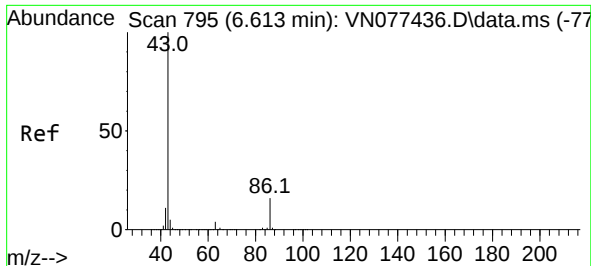


#22
Diisopropyl ether
Concen: 48.246 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



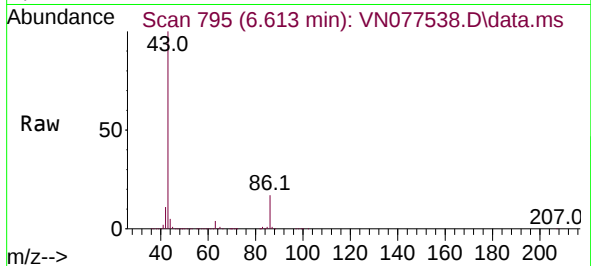
Tgt Ion: 45 Resp: 1013783
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 43.9 31.8 47.8
59 13.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 237.758 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077538.D
 Acq: 01 May 2023 11:19

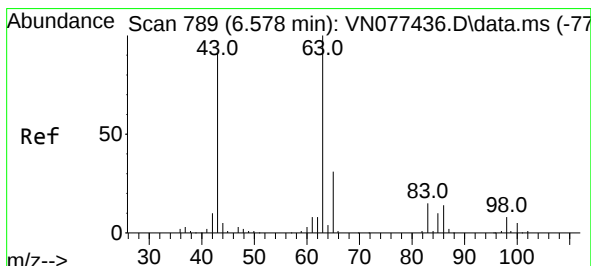
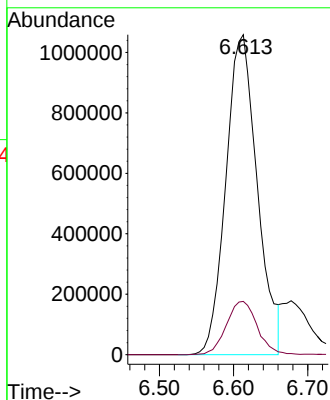
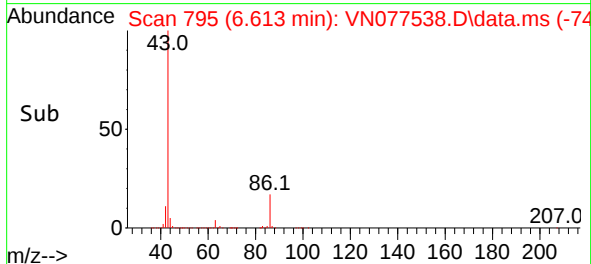
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



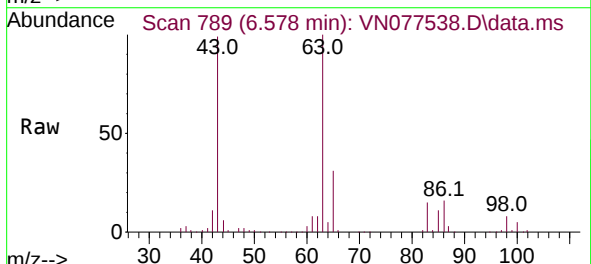
Tgt Ion: 43 Resp: 312092
 Ion Ratio Lower Upper
 43 100
 86 16.7 13.0 19.6

Manual Integrations
 APPROVED

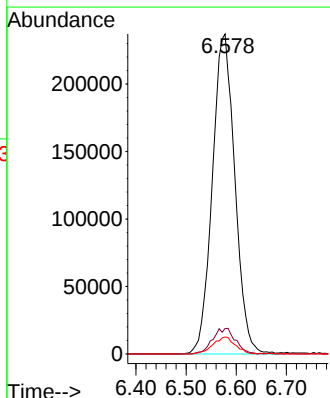
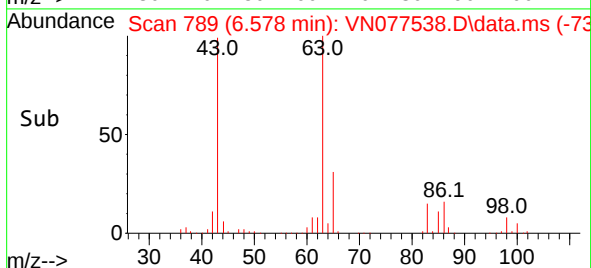
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

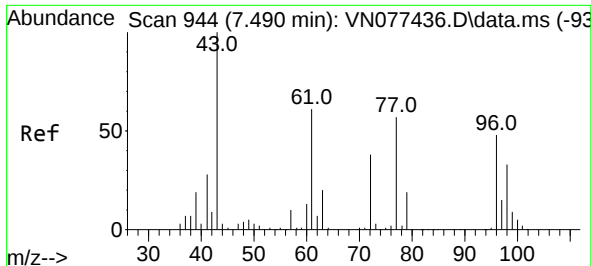


#24
 1,1-Dichloroethane
 Concen: 49.788 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077538.D
 Acq: 01 May 2023 11:19



Tgt Ion: 63 Resp: 740552
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.3 2.5 7.4





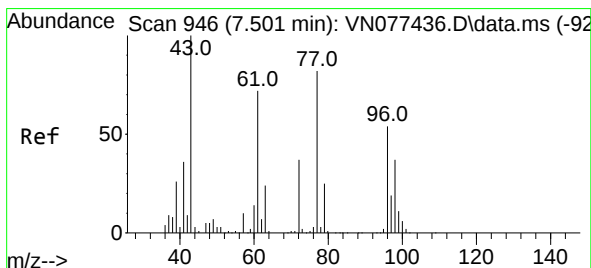
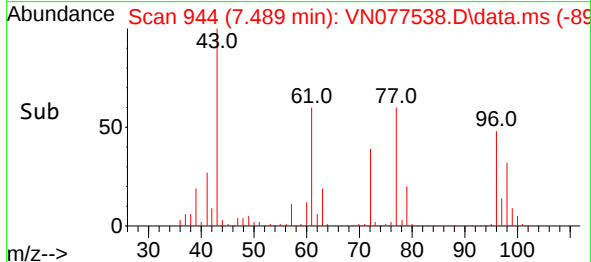
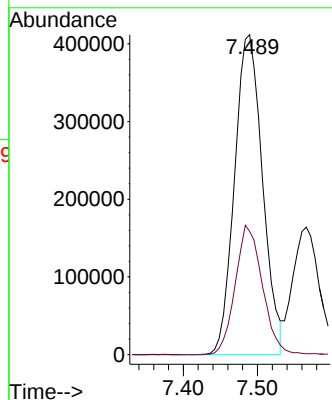
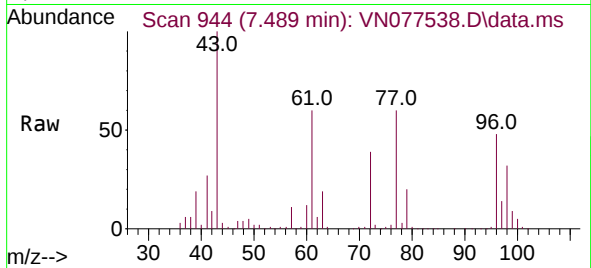
#25
2-Butanone
Concen: 248.656 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 108040
Ion Ratio Lower Upper
43 100
72 38.5 30.2 45.2

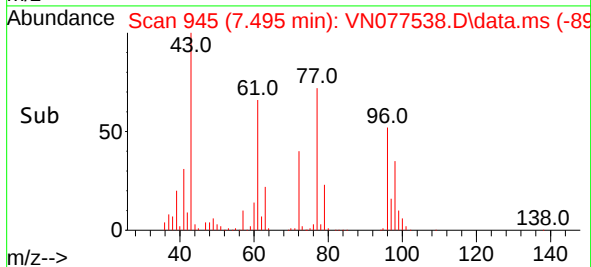
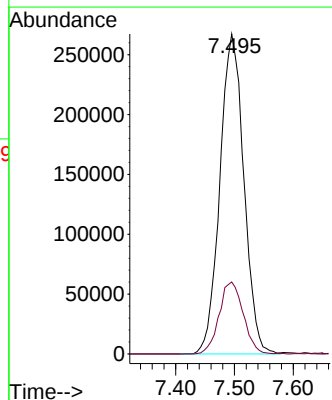
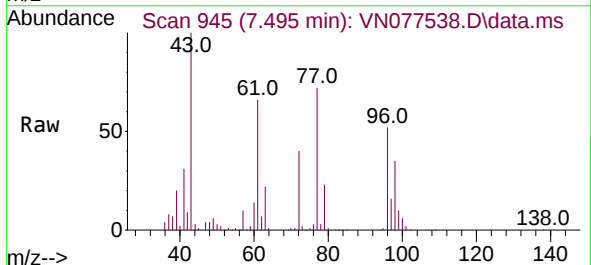
Manual Integrations
APPROVED

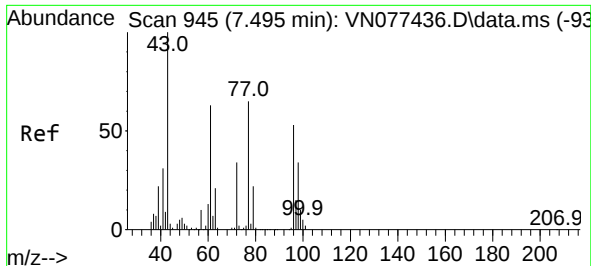
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#26
2,2-Dichloropropane
Concen: 52.399 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Tgt Ion: 77 Resp: 755726
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.754 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077538.D

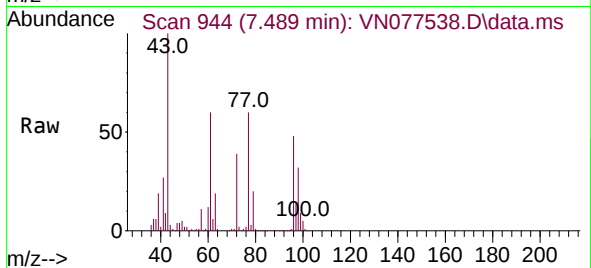
Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 53525

Ion Ratio Lower Upper

96 100

61 124.5 0.0 255.2

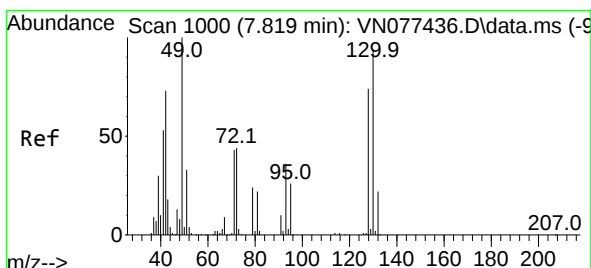
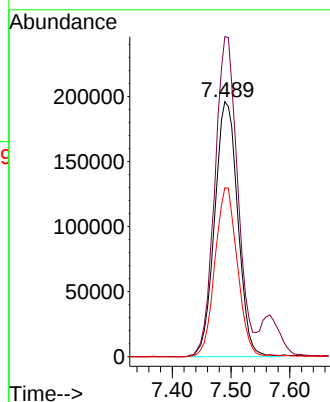
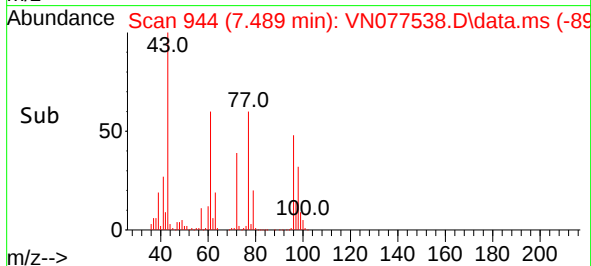
98 64.2 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#28

Bromochloromethane

Concen: 42.146 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

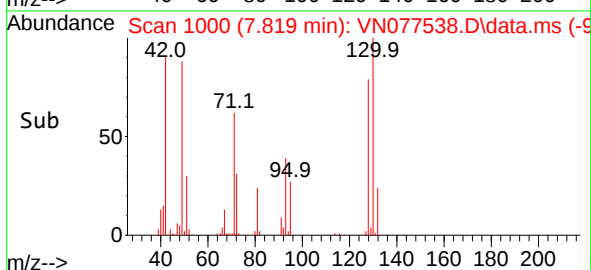
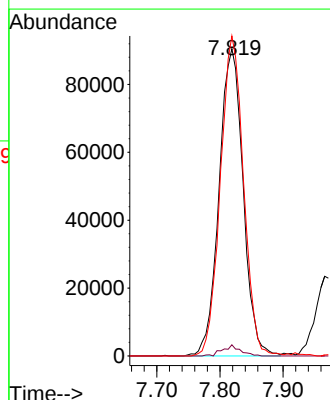
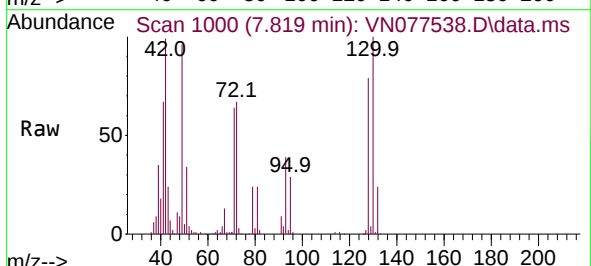
Tgt Ion: 49 Resp: 239395

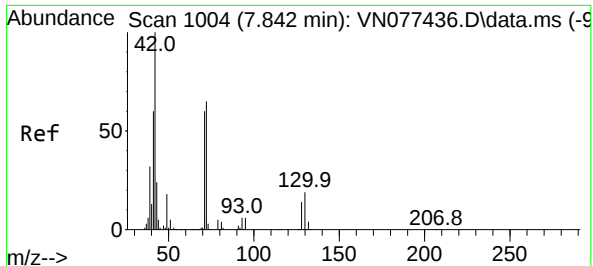
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

130 100.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 236.277 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

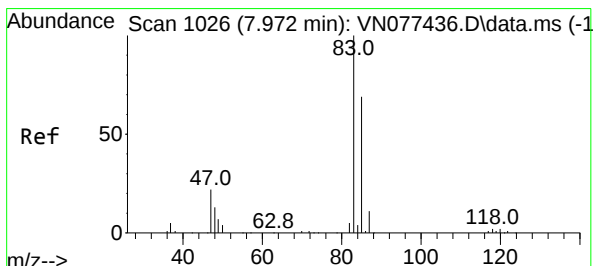
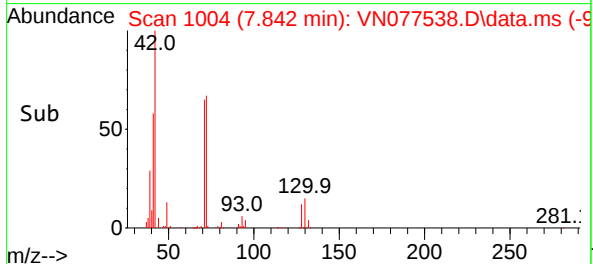
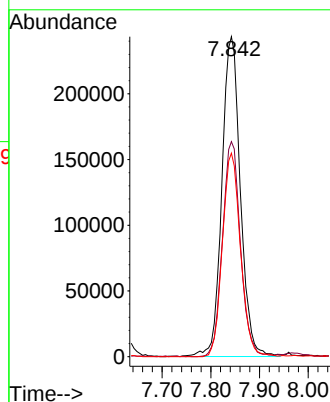
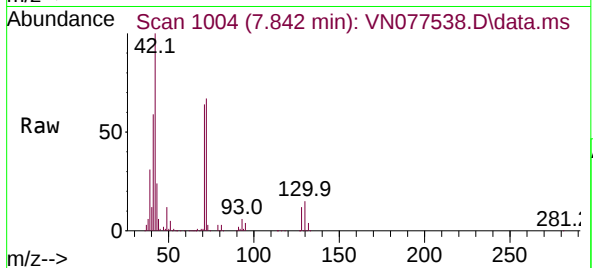
Tgt Ion:	42	Resp:	643229
Ion Ratio	Lower	Upper	
42	100		
72	65.5	49.8	74.6
71	62.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

Chloroform

Concen: 53.246 ug/l

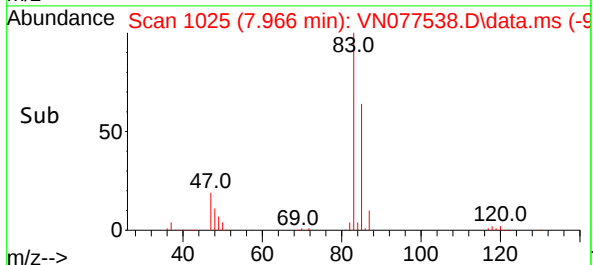
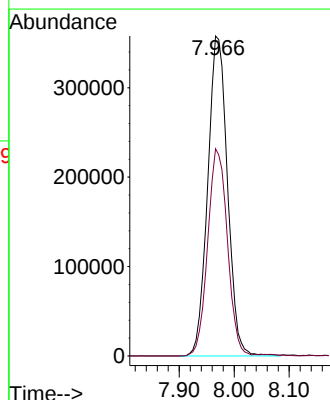
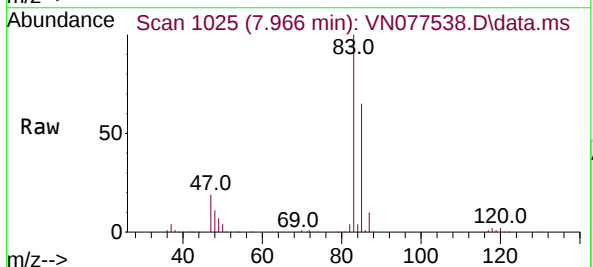
RT: 7.966 min Scan# 1025

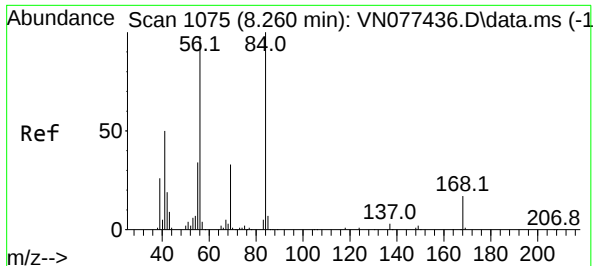
Delta R.T. -0.006 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

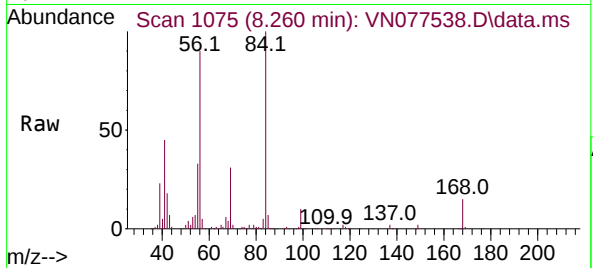
Tgt Ion:	83	Resp:	892550
Ion Ratio	Lower	Upper	
83	100		
85	64.8	55.4	83.0





#31
Cyclohexane
Concen: 43.933 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

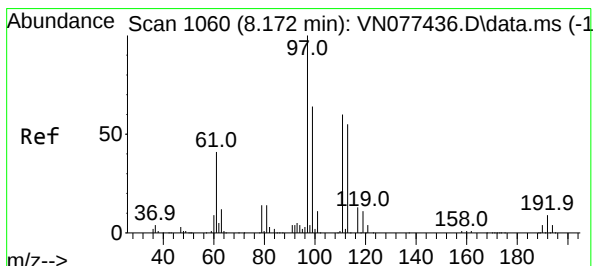
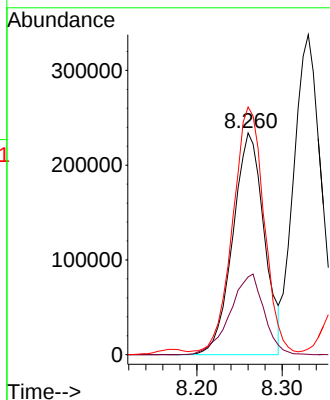
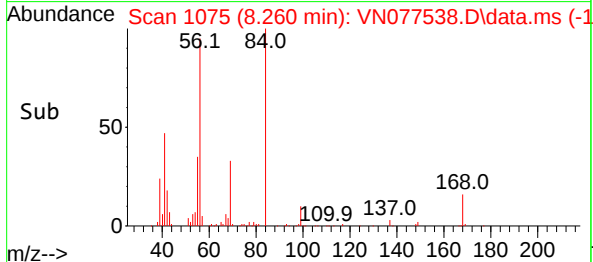
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



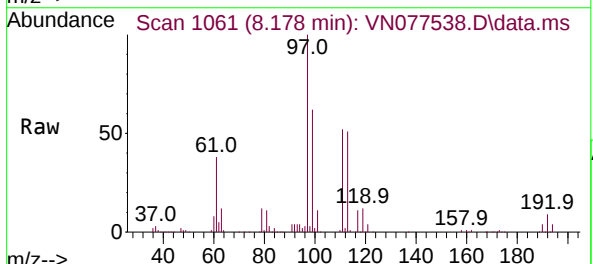
Tgt Ion: 56 Resp: 59927
Ion Ratio Lower Upper
56 100
69 35.1 26.8 40.2
84 109.4 81.8 122.6

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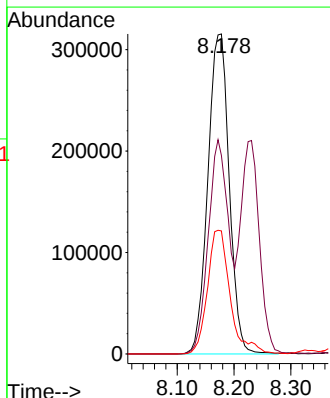
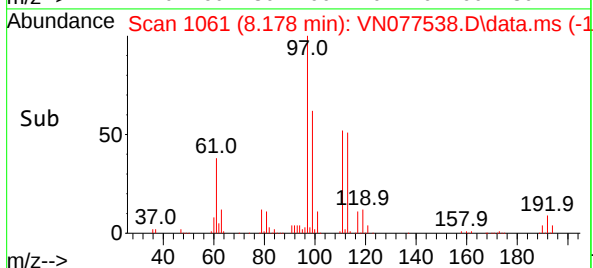
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

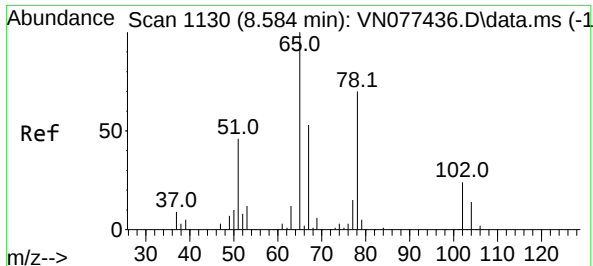


#32
1,1,1-Trichloroethane
Concen: 53.339 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



Tgt Ion: 97 Resp: 822029
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 41.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.882 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 48994

Ion Ratio Lower Upper

65 100

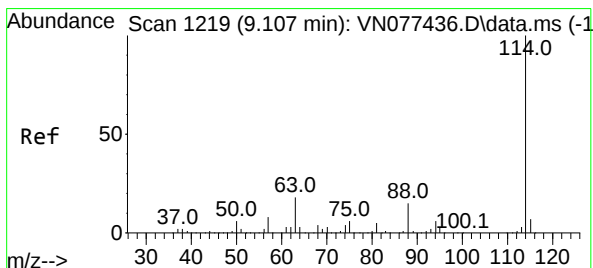
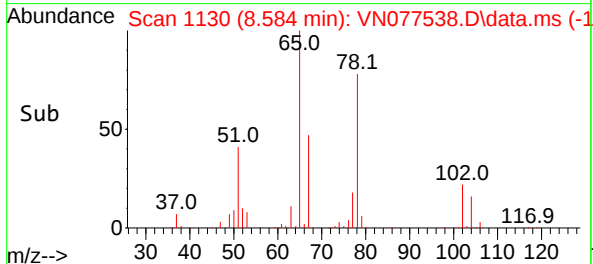
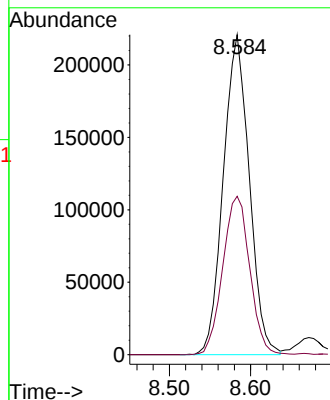
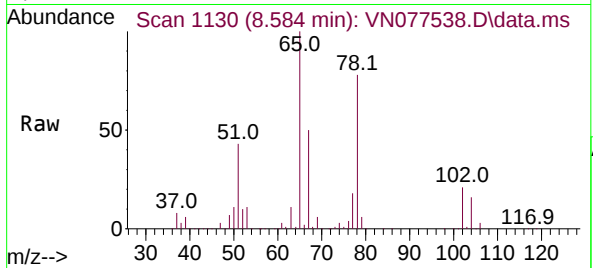
67 51.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

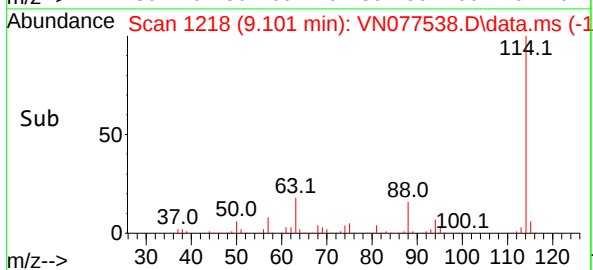
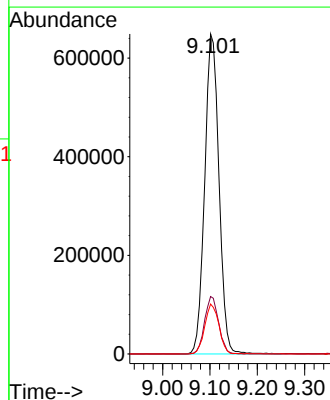
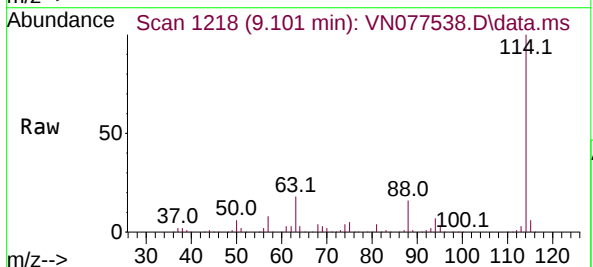
Tgt Ion:114 Resp: 1356349

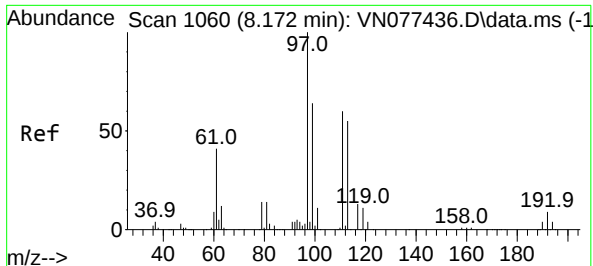
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.694 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 437730

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

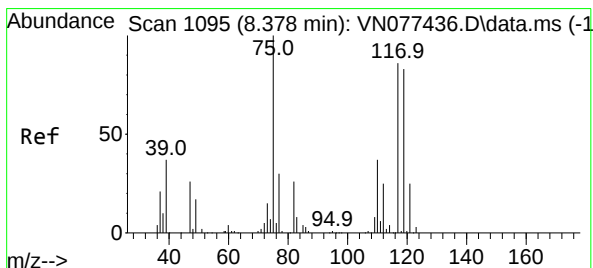
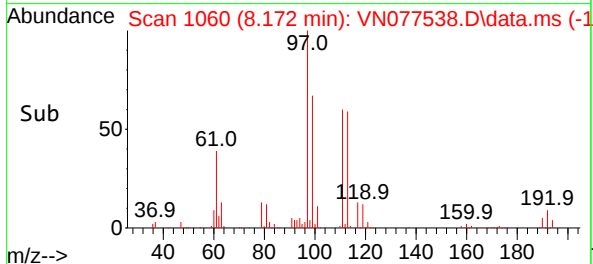
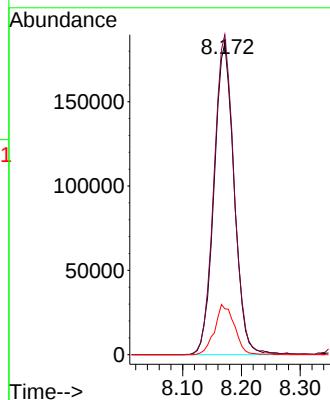
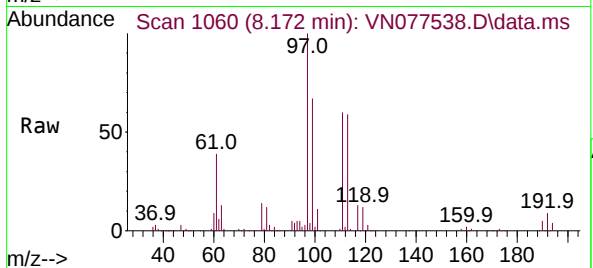
192 15.8 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#36

1,1-Dichloropropene

Concen: 52.827 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

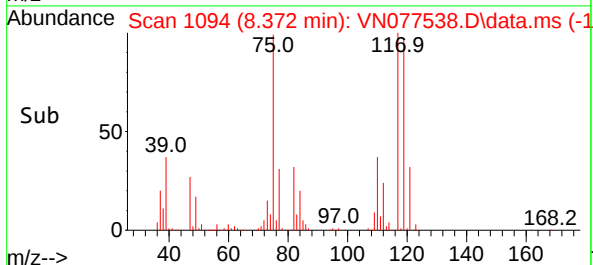
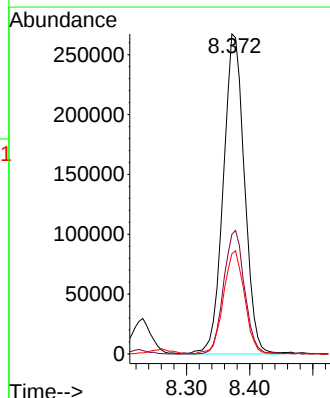
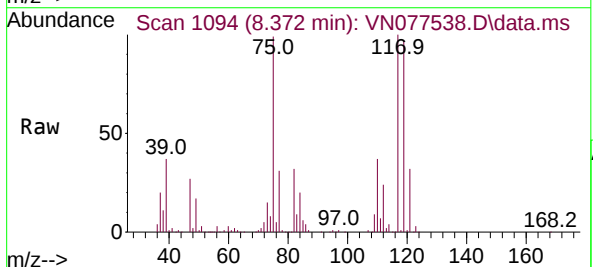
Tgt Ion: 75 Resp: 622180

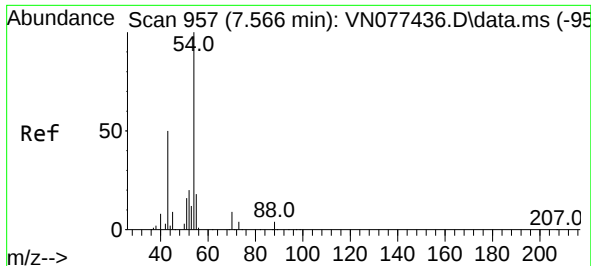
Ion Ratio Lower Upper

75 100

110 38.1 19.1 57.3

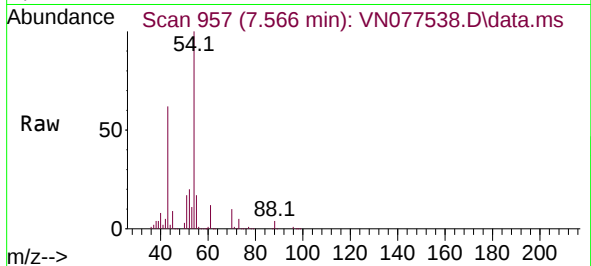
77 31.9 25.0 37.4





#37
Ethyl Acetate
Concen: 47.567 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

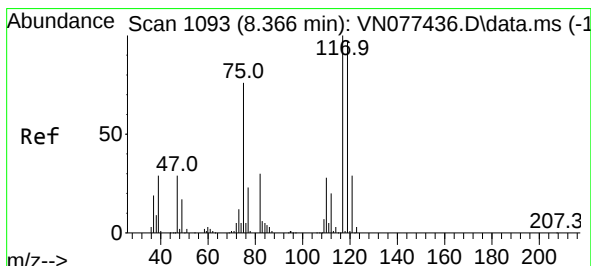
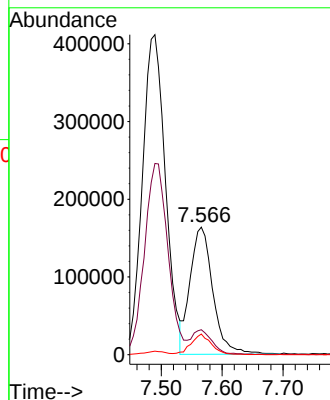
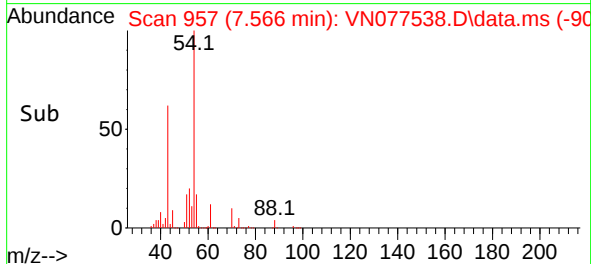
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 425709
Ion Ratio Lower Upper
43 100
61 17.3 13.2 19.8
70 14.3 11.3 16.9

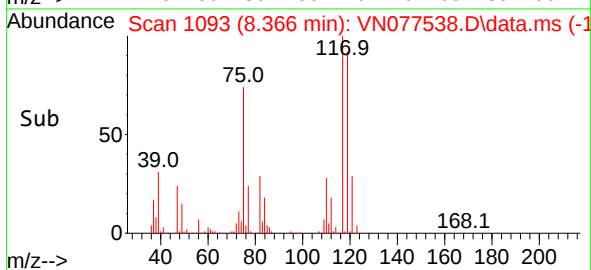
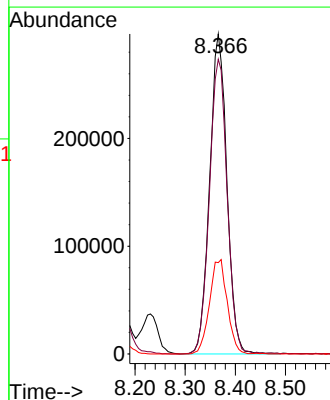
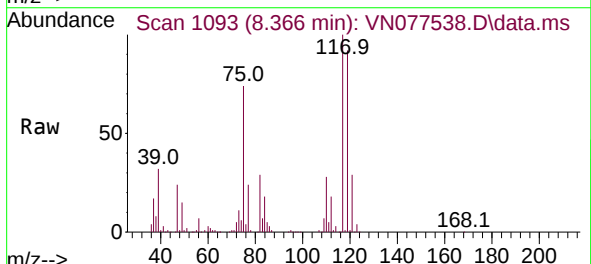
Manual Integrations
APPROVED

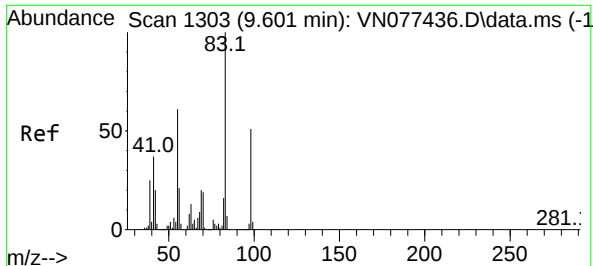
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#38
Carbon Tetrachloride
Concen: 54.581 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Tgt Ion:117 Resp: 709262
Ion Ratio Lower Upper
117 100
119 92.1 77.3 115.9
121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 52.923 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 82122

Ion Ratio Lower Upper

83 100

55 59.8 49.1 73.7

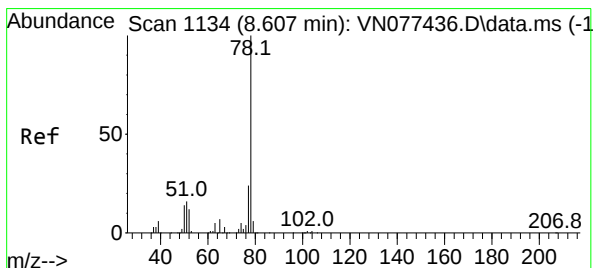
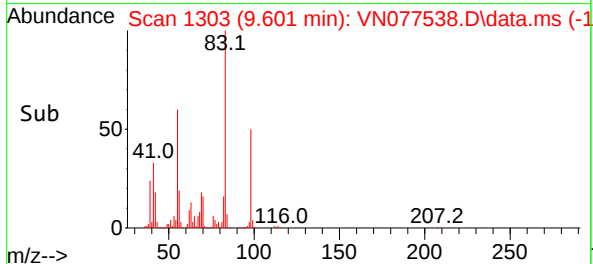
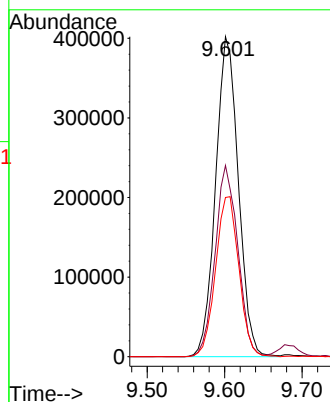
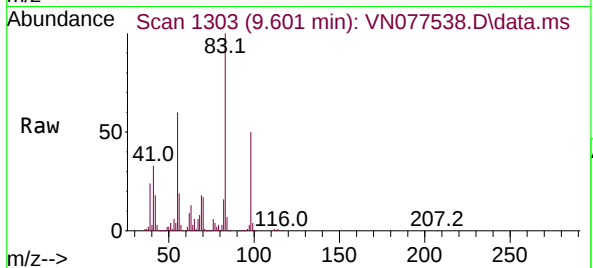
98 49.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#40

Benzene

Concen: 52.608 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077538.D

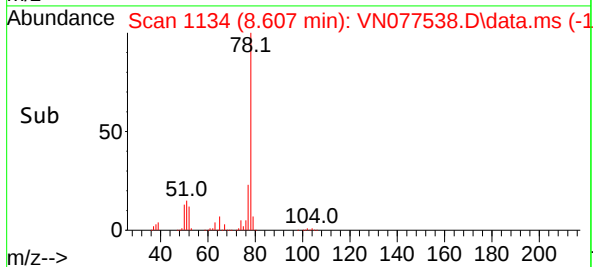
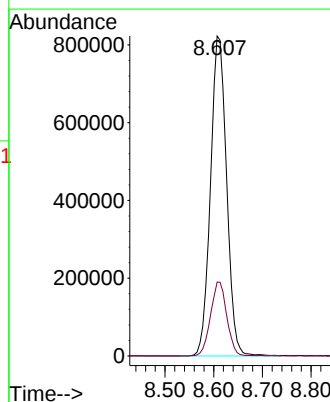
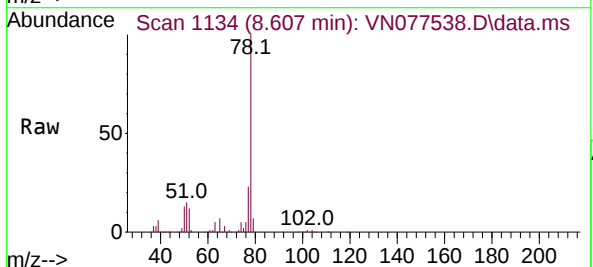
Acq: 01 May 2023 11:19

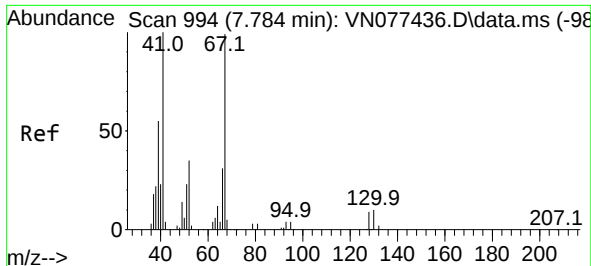
Tgt Ion: 78 Resp: 1887524

Ion Ratio Lower Upper

78 100

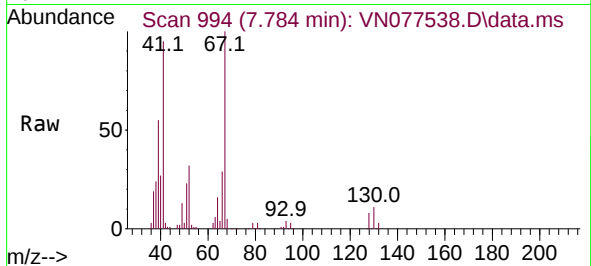
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 47.294 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

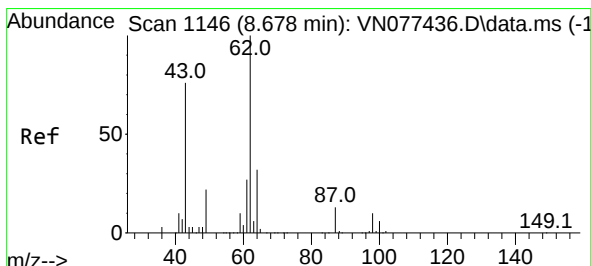
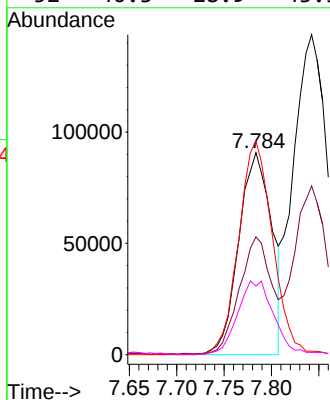
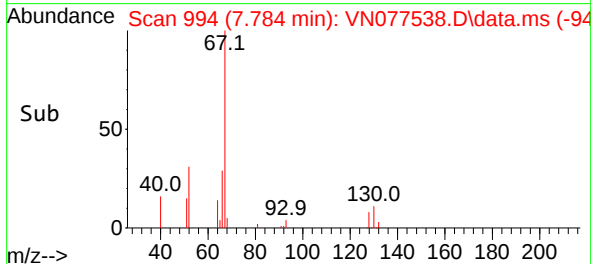
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



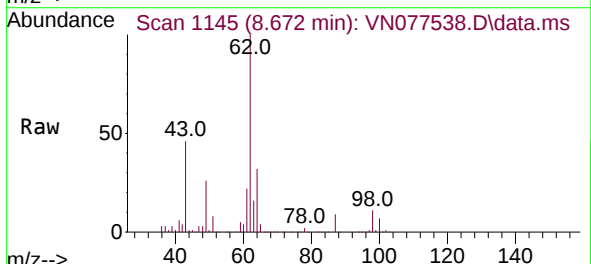
Tgt Ion: 41 Resp: 220452
Ion Ratio Lower Upper
41 100
39 55.8 42.6 64.0
67 109.1 77.5 116.3
52 40.3 28.9 43.3

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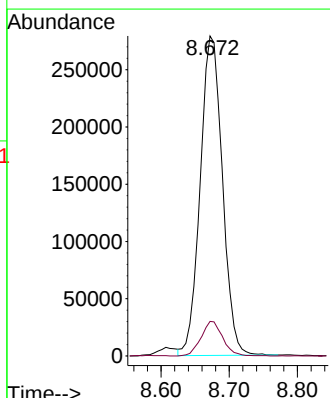
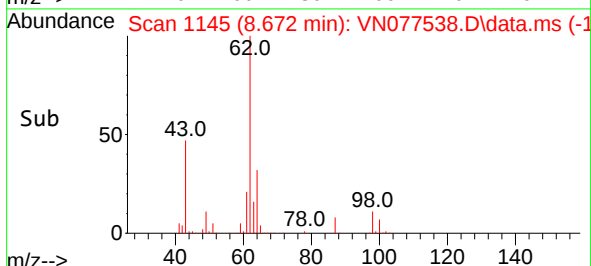
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

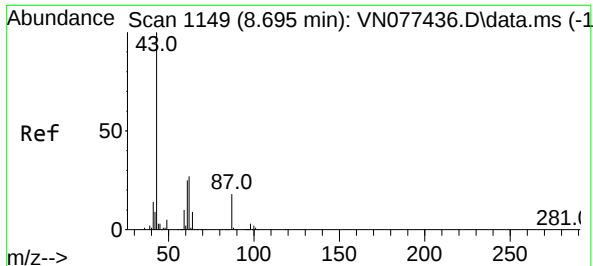


#42
1,2-Dichloroethane
Concen: 51.377 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



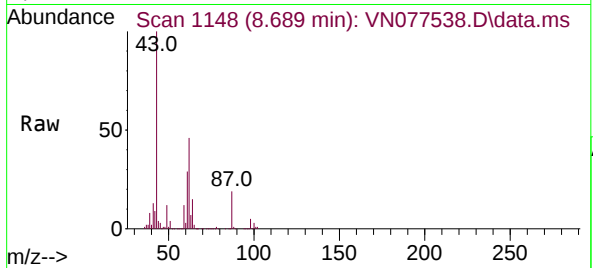
Tgt Ion: 62 Resp: 633136
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 48.972 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

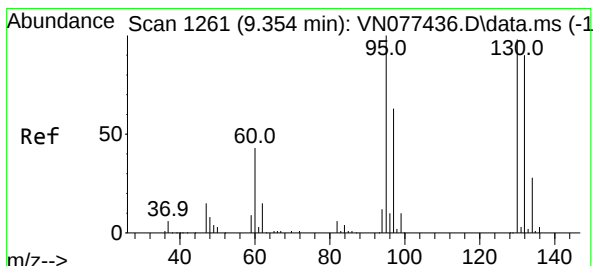
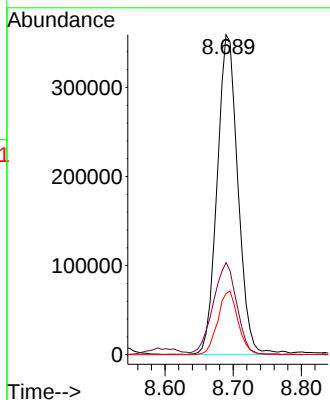
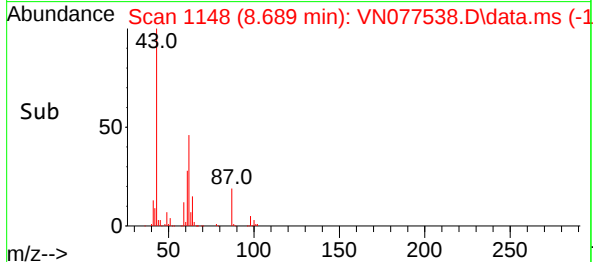
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 758223
Ion Ratio Lower Upper
43 100
61 32.5 24.7 37.1
87 19.6 14.6 21.8

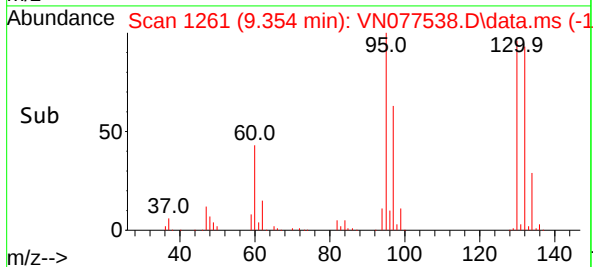
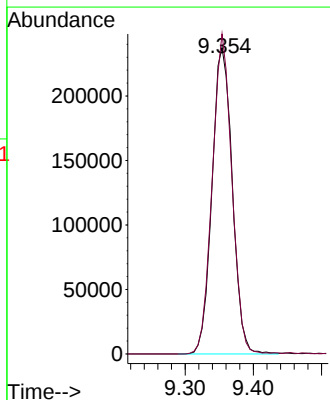
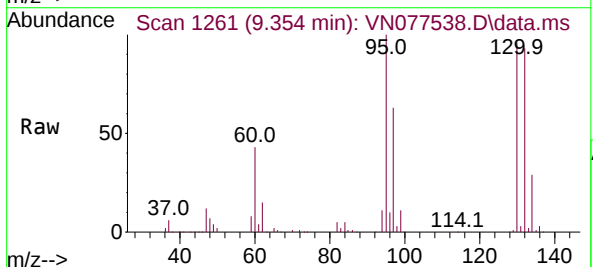
Manual Integrations
APPROVED

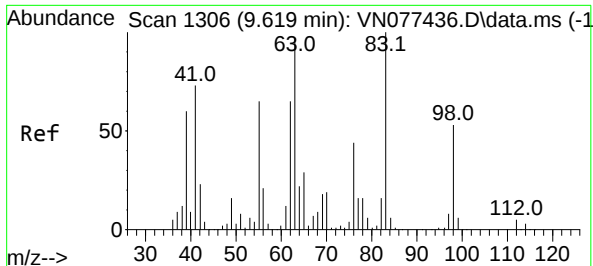
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#44
Trichloroethene
Concen: 53.499 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Tgt Ion:130 Resp: 491474
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.118 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 429630

Ion Ratio Lower Upper

63 100

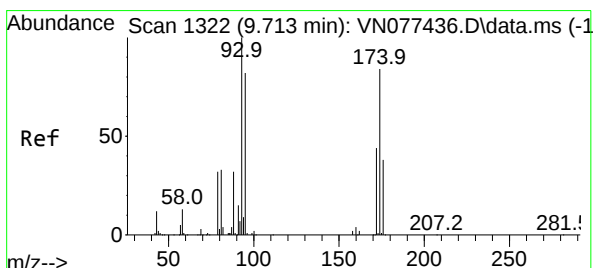
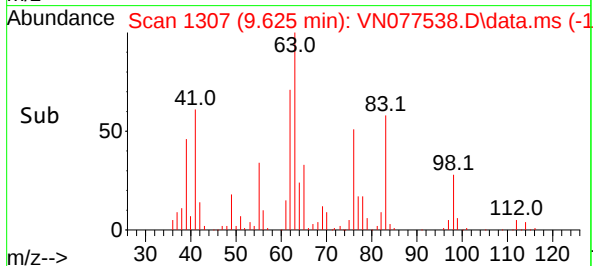
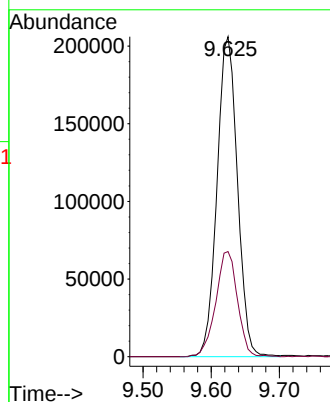
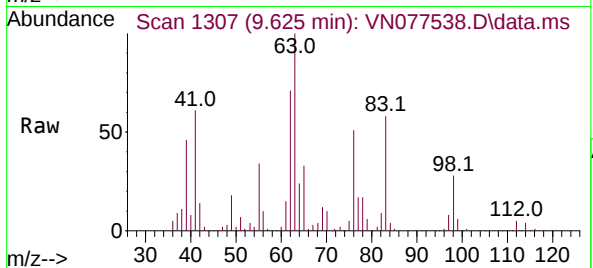
65 32.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#46

Dibromomethane

Concen: 50.977 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

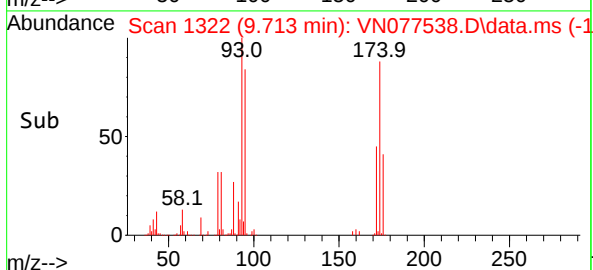
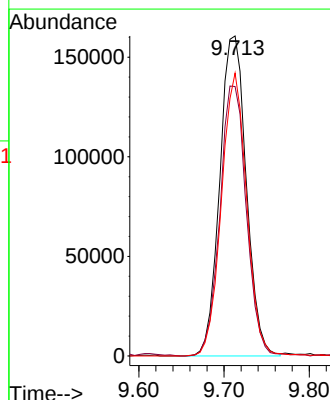
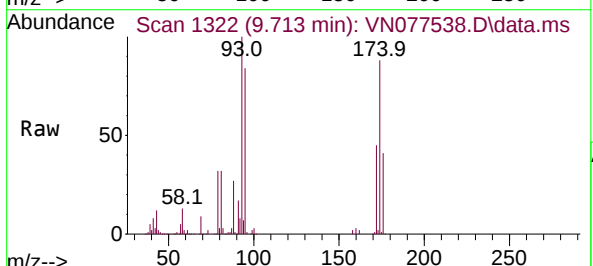
Tgt Ion: 93 Resp: 347642

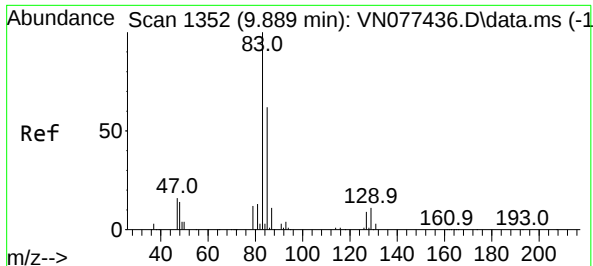
Ion Ratio Lower Upper

93 100

95 84.2 63.8 95.8

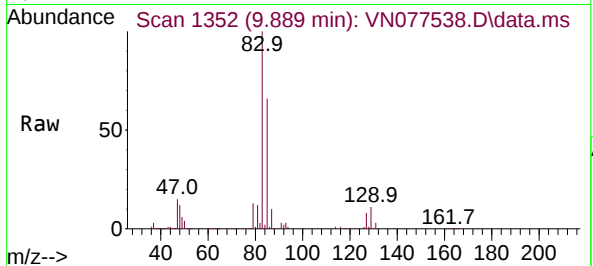
174 84.4 65.6 98.4





#47
Bromodichloromethane
Concen: 54.303 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

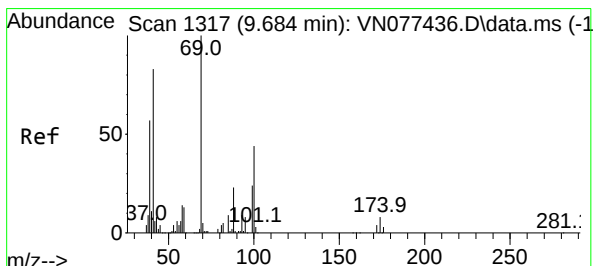
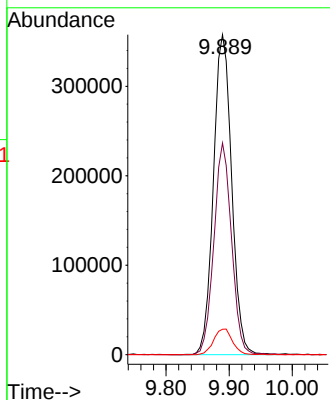
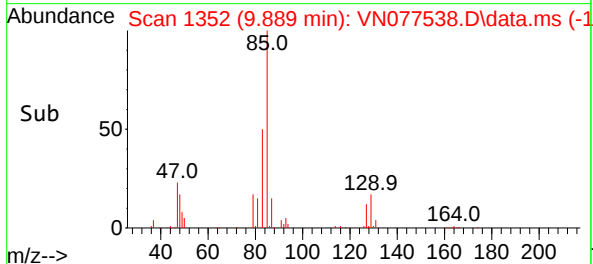
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



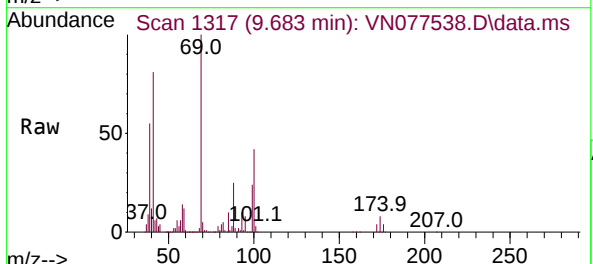
Tgt Ion: 83 Resp: 71632
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 7.9 7.0 10.6

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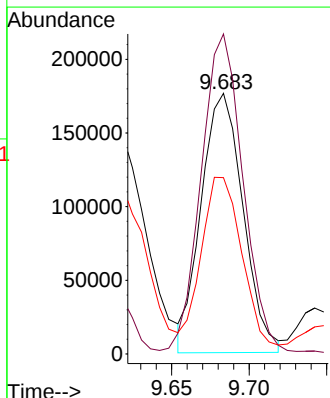
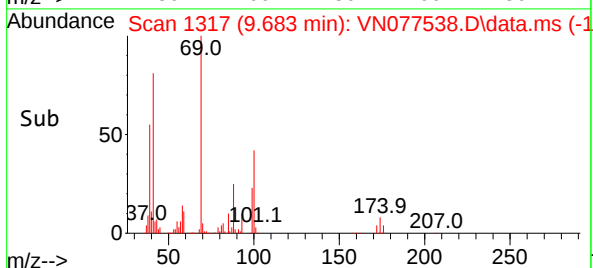
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

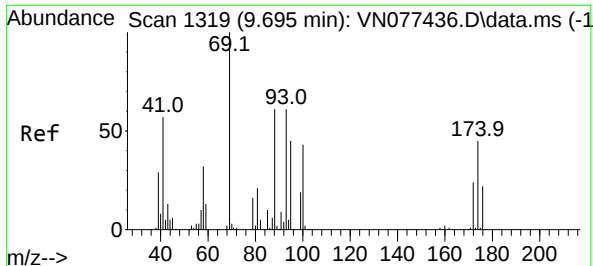


#48
Methyl methacrylate
Concen: 46.913 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



Tgt Ion: 41 Resp: 330628
Ion Ratio Lower Upper
41 100
69 123.4 90.4 135.6
39 67.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1046.394 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 18498

Ion Ratio Lower Upper

88 100

43 19.1 17.0 25.6

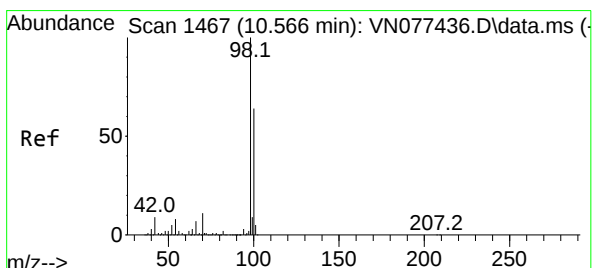
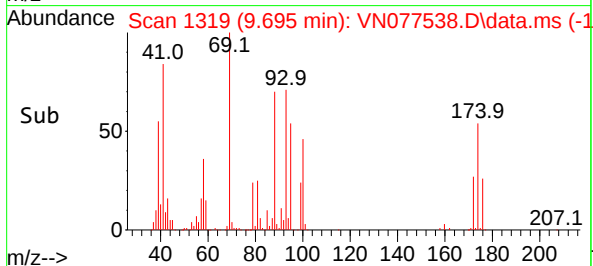
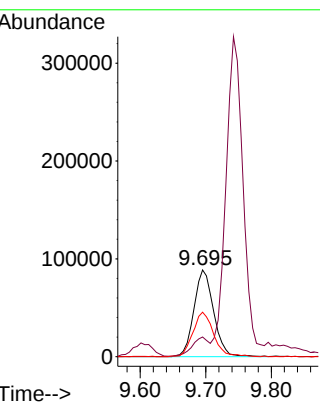
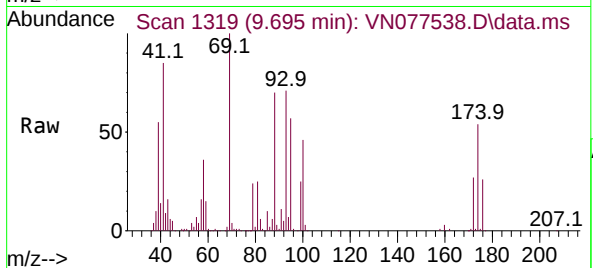
58 54.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#50

Toluene-d8

Concen: 54.440 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077538.D

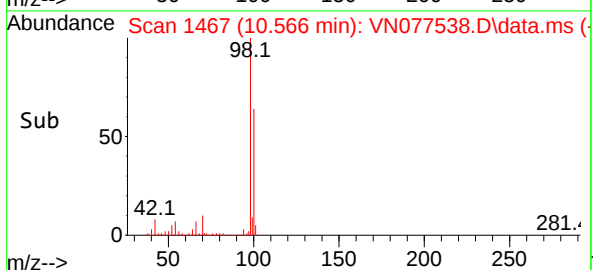
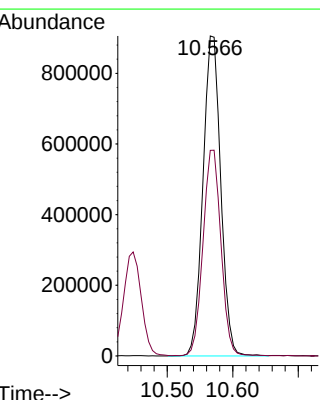
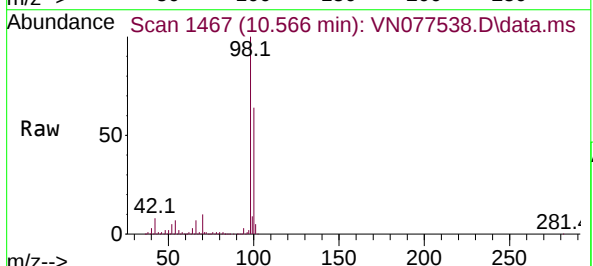
Acq: 01 May 2023 11:19

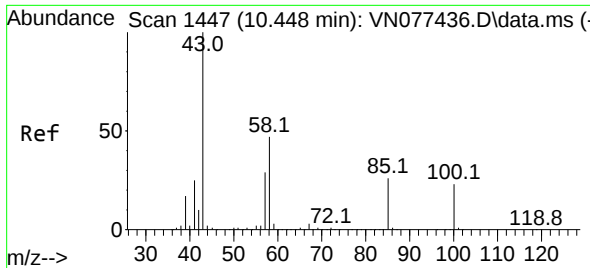
Tgt Ion: 98 Resp: 1700942

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





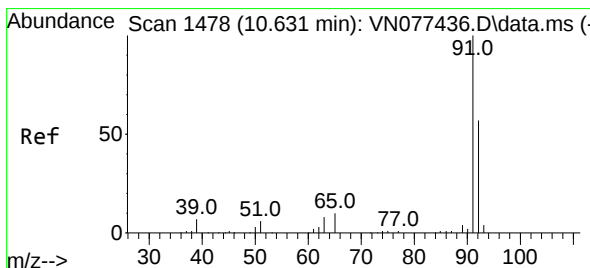
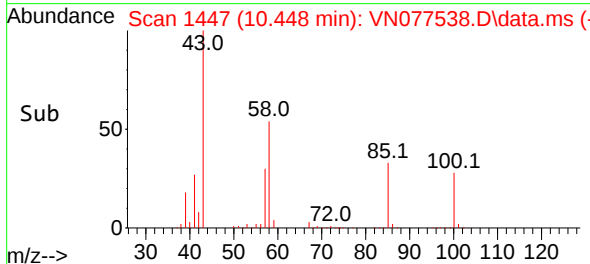
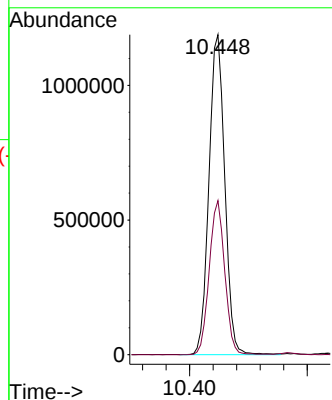
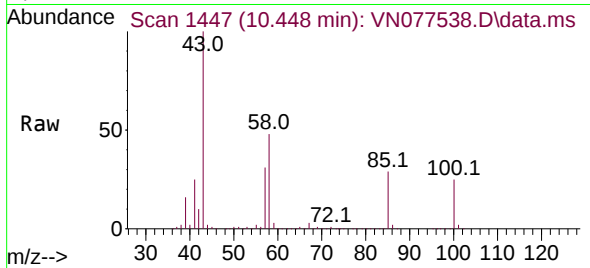
#51
4-Methyl-2-Pentanone
Concen: 243.674 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2212904
Ion Ratio Lower Upper
43 100
58 47.3 36.6 54.8

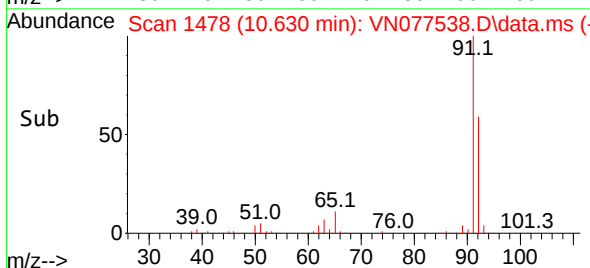
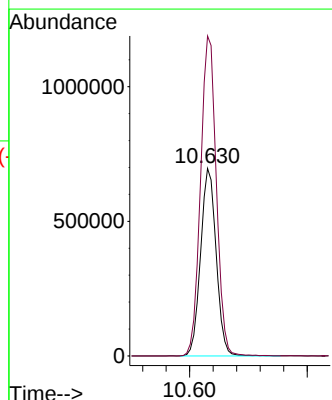
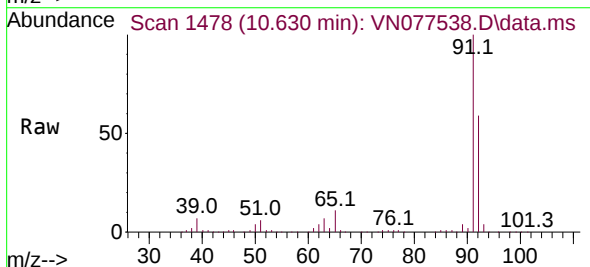
Manual Integrations
APPROVED

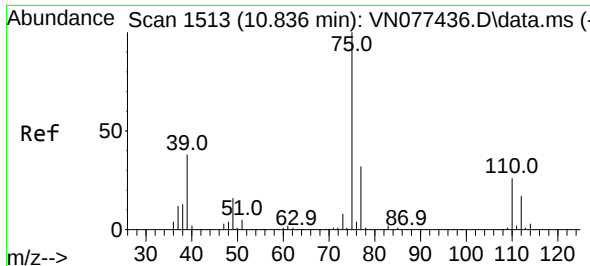
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#52
Toluene
Concen: 54.561 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Tgt Ion: 92 Resp: 1282449
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 57.075 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077538.D
 Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

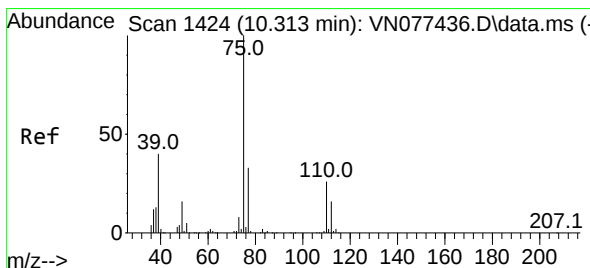
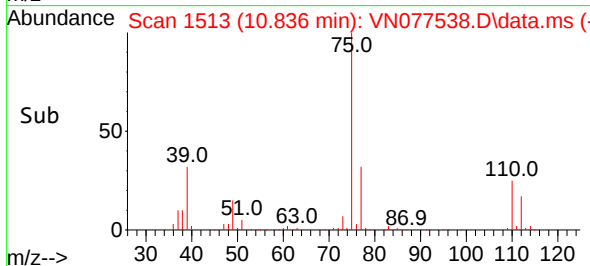
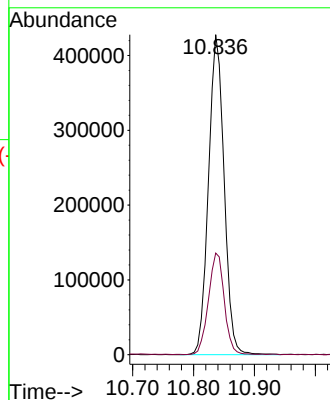
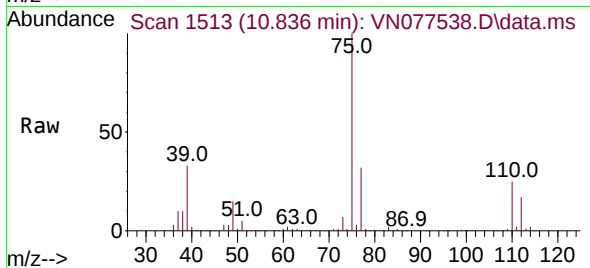
VSTDCCC050

Tgt Ion: 75 Resp: 762369
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0

Manual Integrations

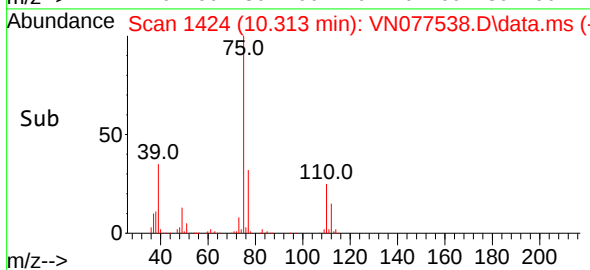
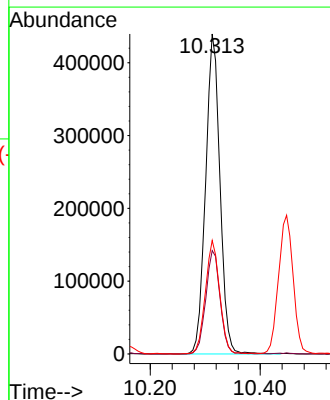
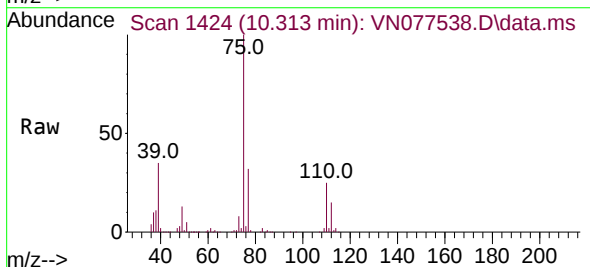
APPROVED

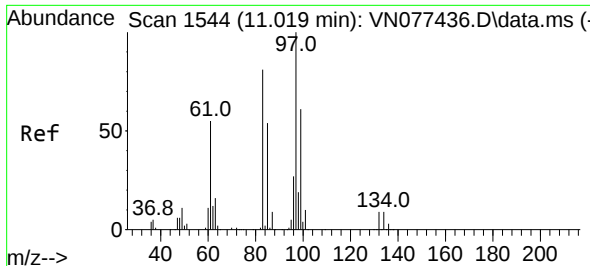
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.793 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077538.D
 Acq: 01 May 2023 11:19

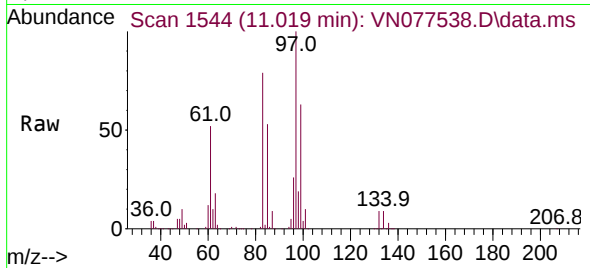
Tgt Ion: 75 Resp: 796651
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.1 39.1
 39 35.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.939 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

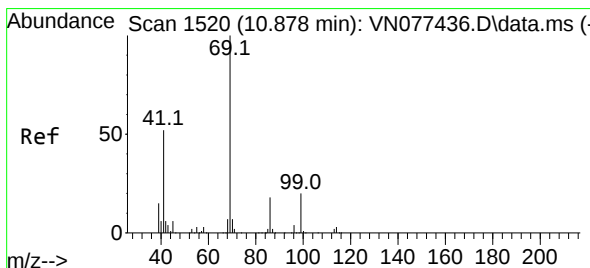
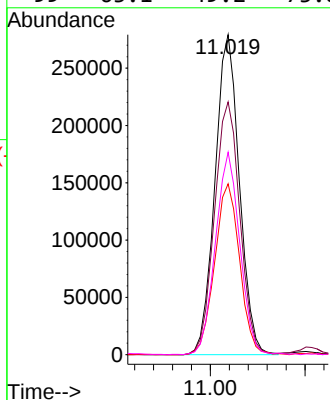
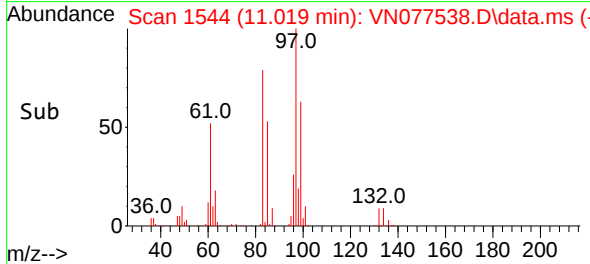
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.0	65.1	97.7
85	53.4	43.4	65.2
99	63.1	49.2	73.8

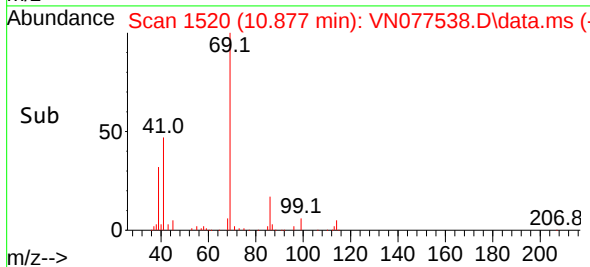
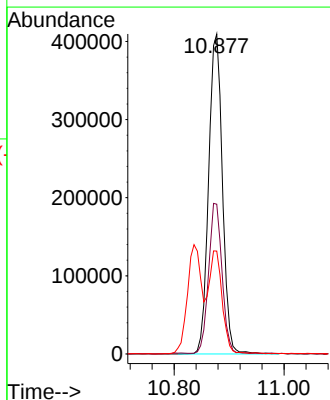
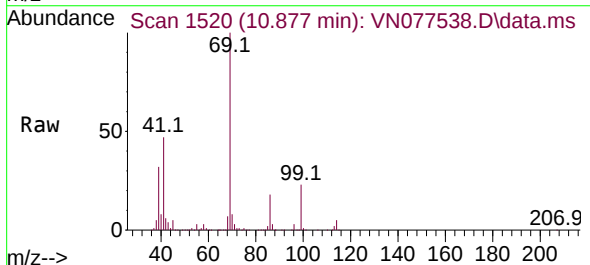
Manual Integrations
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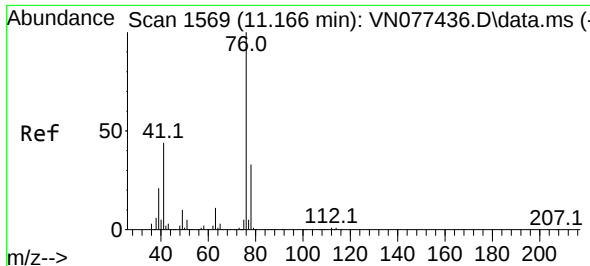
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#56
Ethyl methacrylate
Concen: 53.837 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	45.5	39.6	59.4
39	31.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.397 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 818970

Ion Ratio Lower Upper

76 100

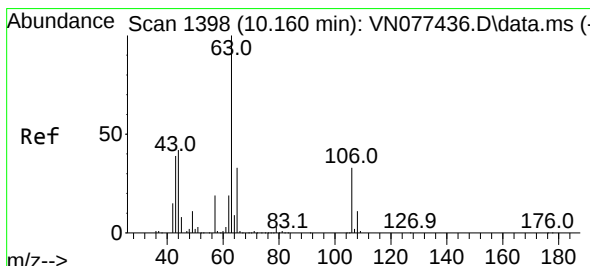
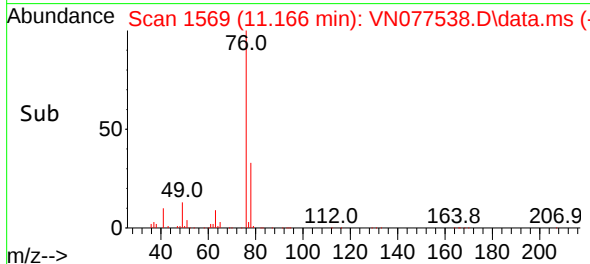
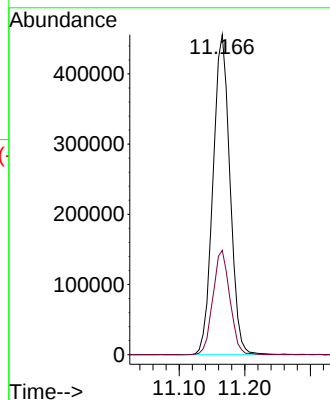
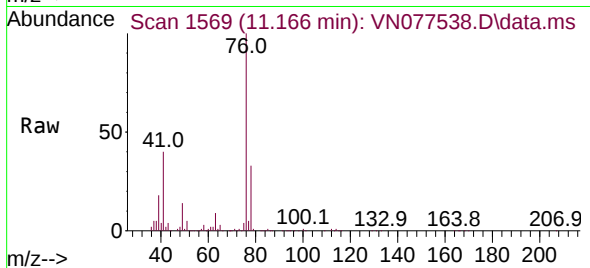
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 212.964 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077538.D

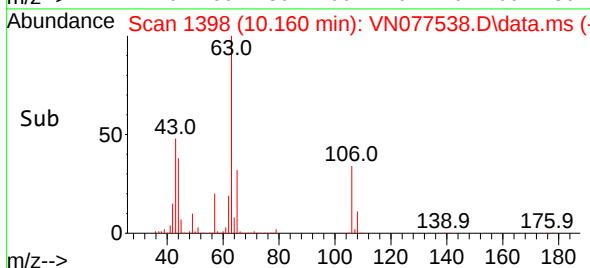
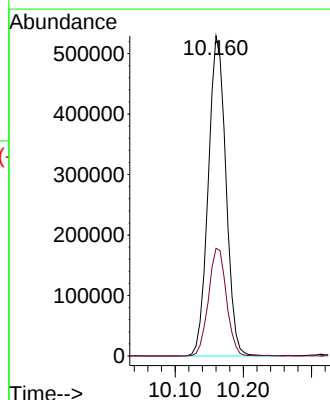
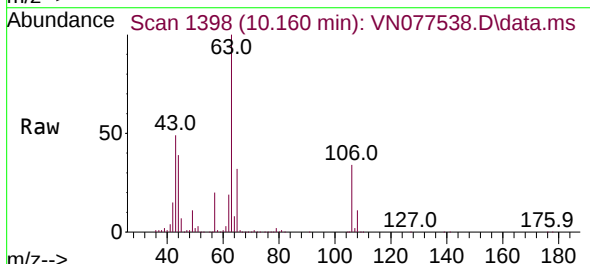
Acq: 01 May 2023 11:19

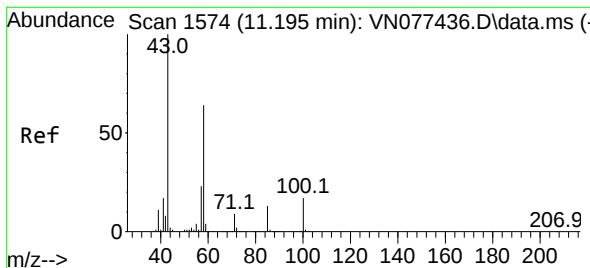
Tgt Ion: 63 Resp: 954004

Ion Ratio Lower Upper

63 100

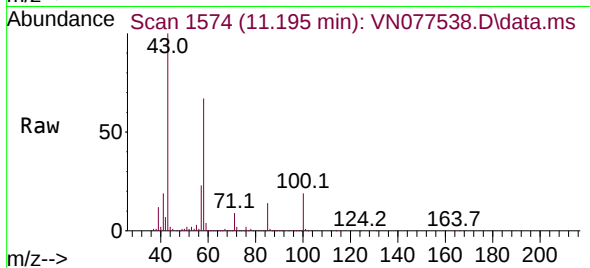
106 34.3 26.2 39.4





#59
2-Hexanone
Concen: 252.438 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

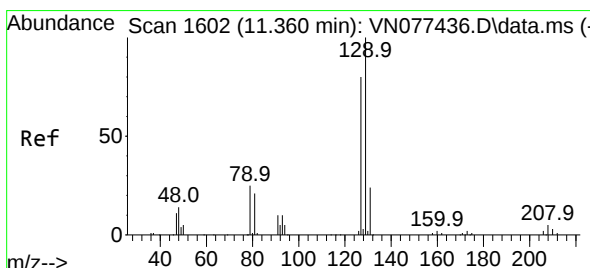
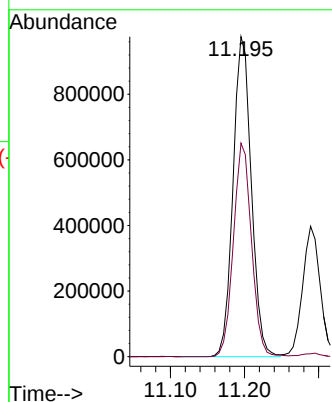
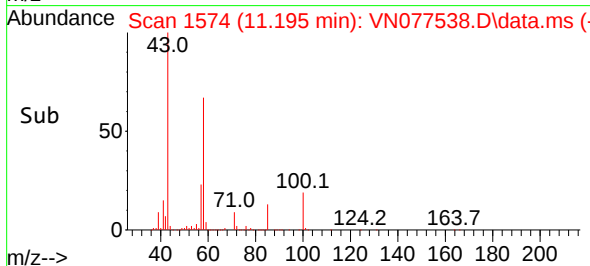
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1666394
Ion Ratio Lower Upper
43 100
58 66.2 31.7 95.1

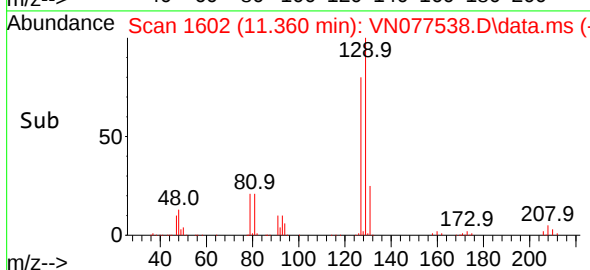
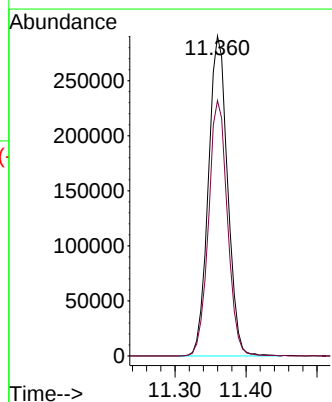
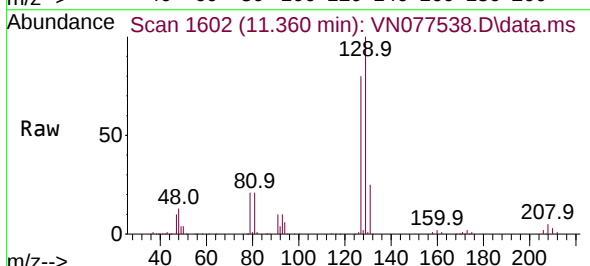
Manual Integrations
APPROVED

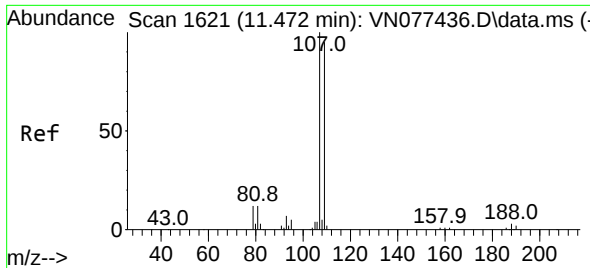
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#60
Dibromochloromethane
Concen: 55.606 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

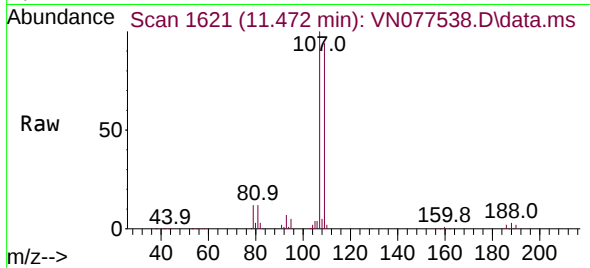
Tgt Ion:129 Resp: 545458
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.362 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

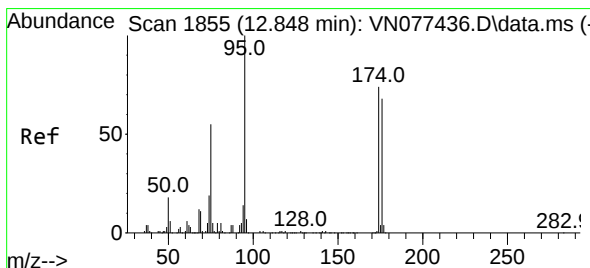
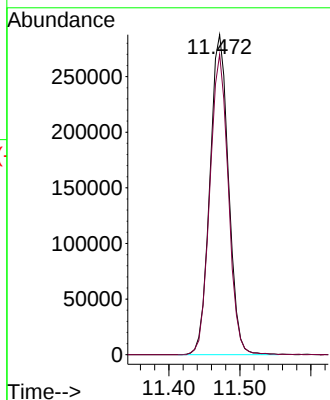
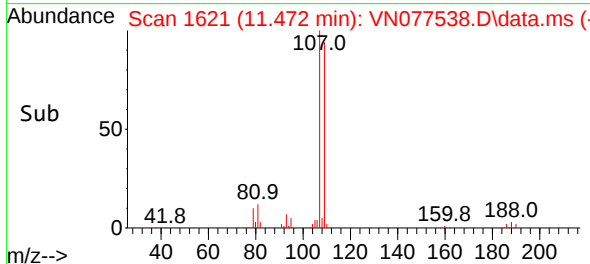
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 52457
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

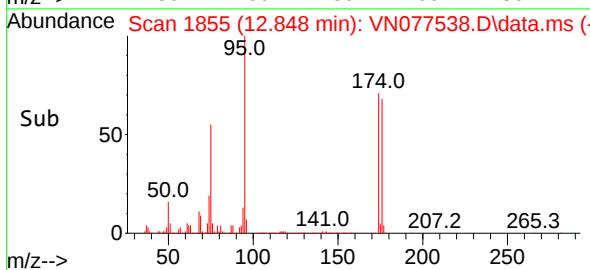
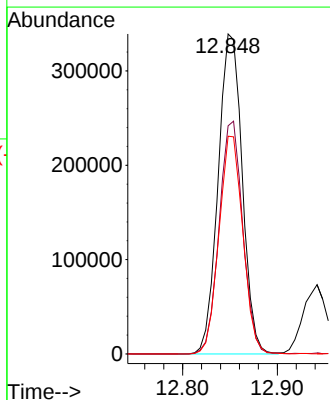
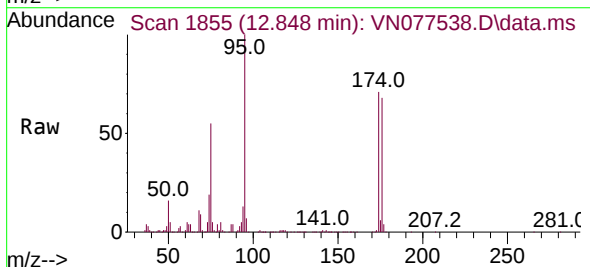
Manual Integrations
APPROVED

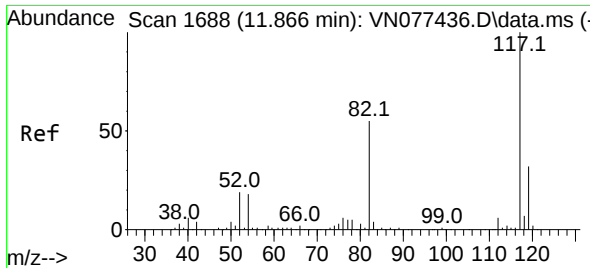
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#62
4-Bromofluorobenzene
Concen: 58.697 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

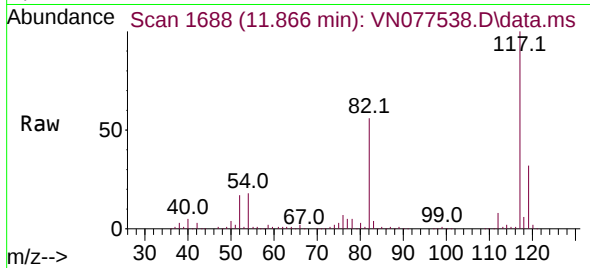
Tgt Ion: 95 Resp: 600016
Ion Ratio Lower Upper
95 100
174 71.2 0.0 143.8
176 67.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

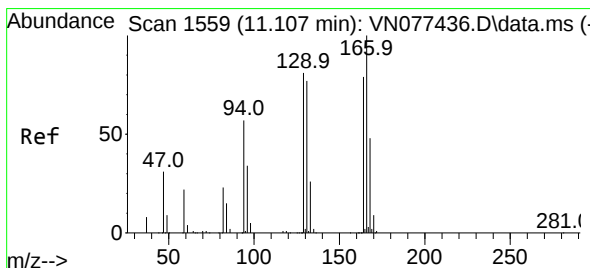
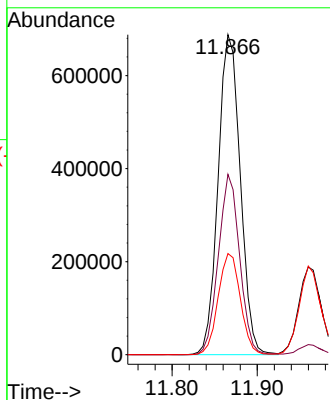
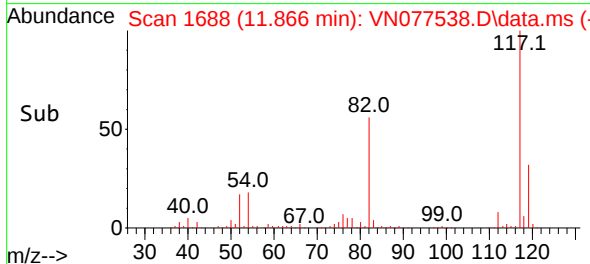
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



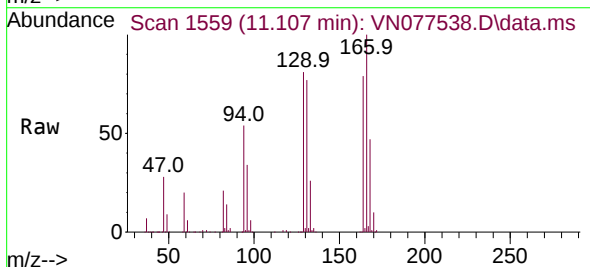
Tgt Ion:117 Resp: 1246678
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.6 25.6 38.4

Manual Integrations
APPROVED

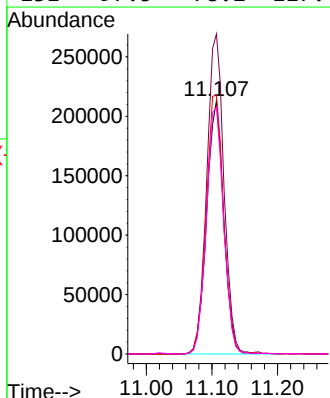
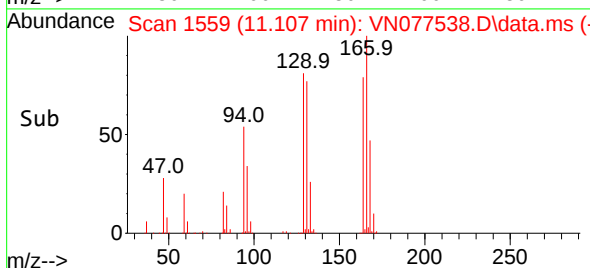
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

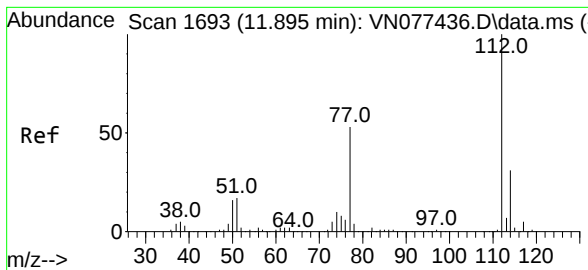


#64
Tetrachloroethene
Concen: 51.679 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



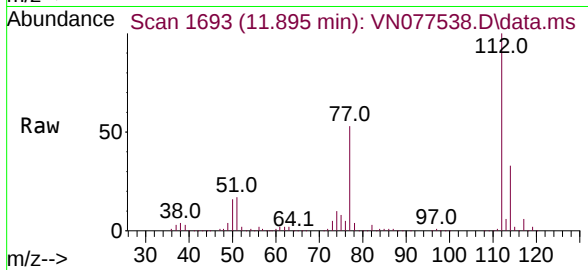
Tgt Ion:164 Resp: 385665
Ion Ratio Lower Upper
164 100
166 126.4 101.4 152.0
129 102.2 82.4 123.6
131 97.5 78.2 117.4





#65
Chlorobenzene
Concen: 52.538 ug/l
RT: 11.895 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

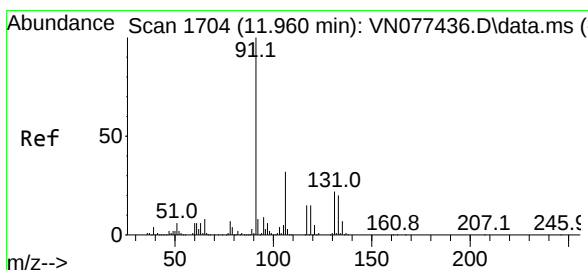
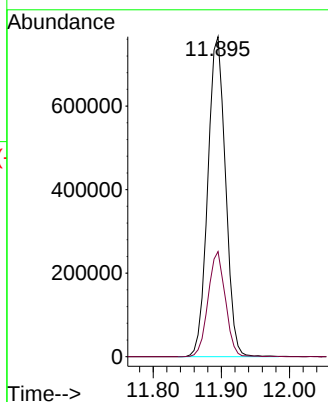
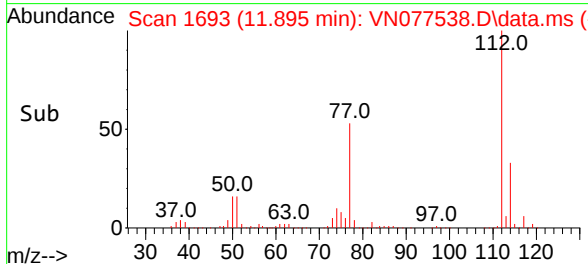
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



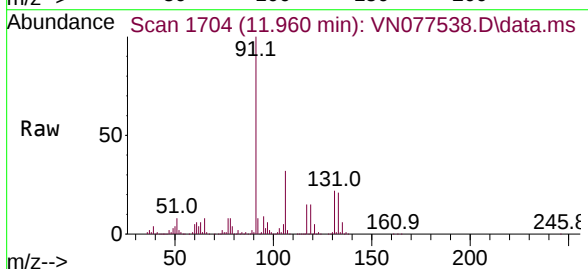
Tgt Ion:112 Resp: 138599
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4

Manual Integrations
APPROVED

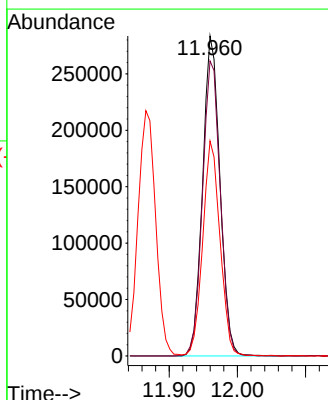
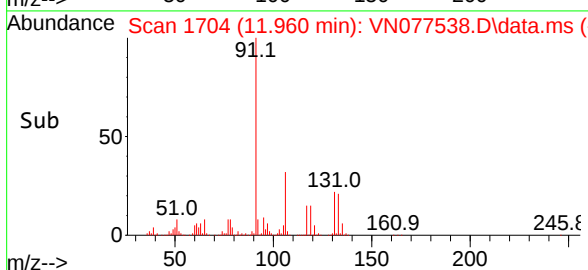
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

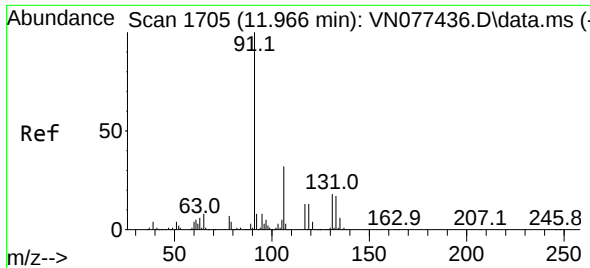


#66
1,1,1,2-Tetrachloroethane
Concen: 52.252 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



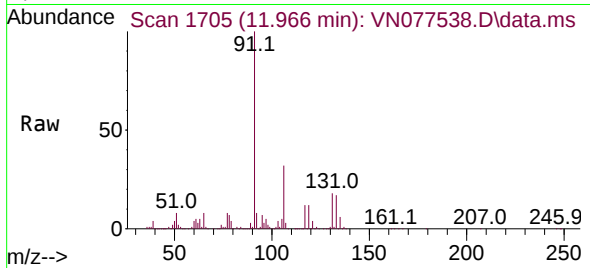
Tgt Ion:131 Resp: 501519
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 66.9 34.1 102.2





#67
Ethyl Benzene
Concen: 53.754 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

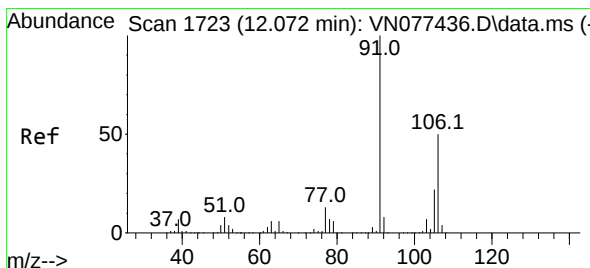
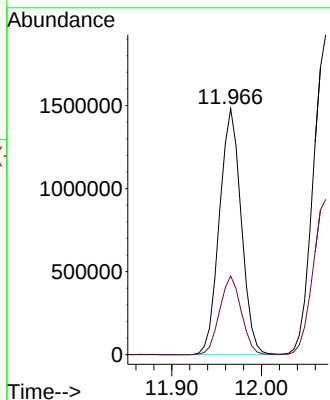
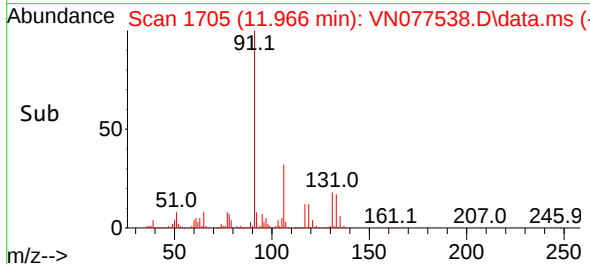
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



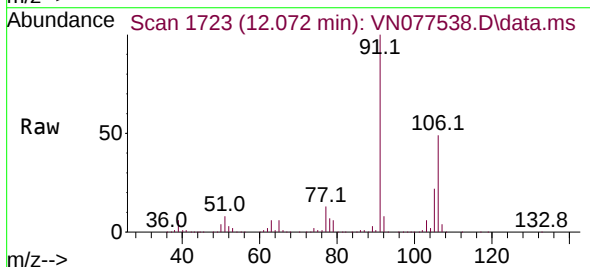
Tgt Ion: 91 Resp: 2496358
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

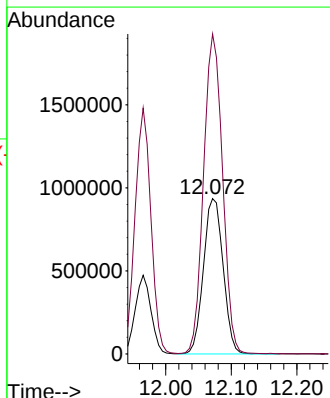
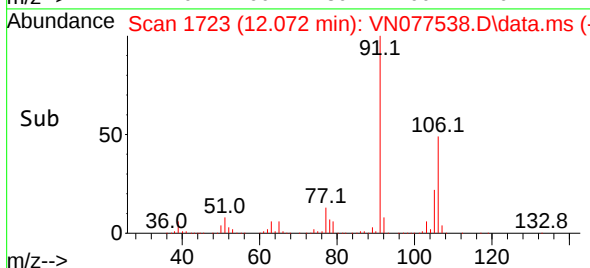
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

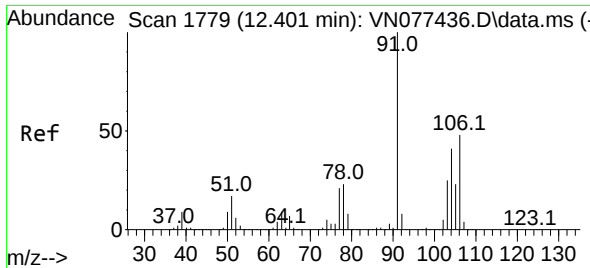


#68
m/p-Xylenes
Concen: 107.869 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



Tgt Ion:106 Resp: 1946943
Ion Ratio Lower Upper
106 100
91 198.7 159.6 239.4





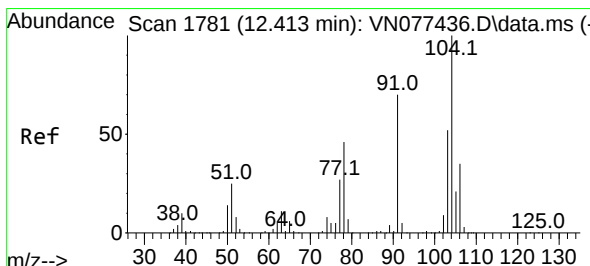
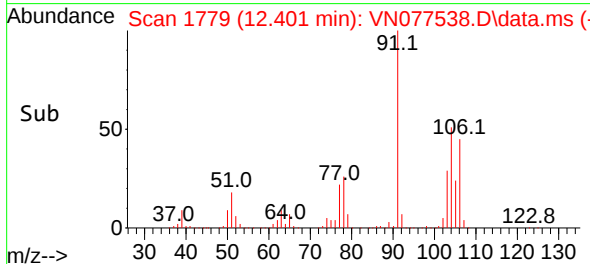
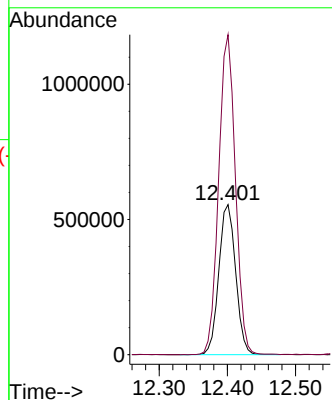
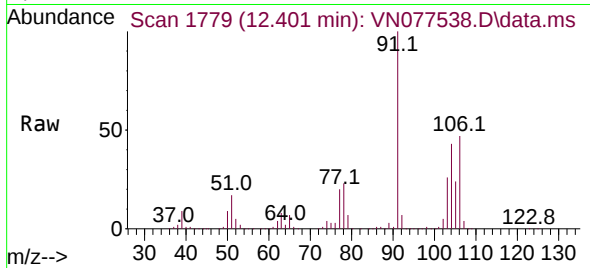
#69
o-Xylene
Concen: 53.774 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 954668
Ion Ratio Lower Upper
106 100
91 211.8 105.2 315.5

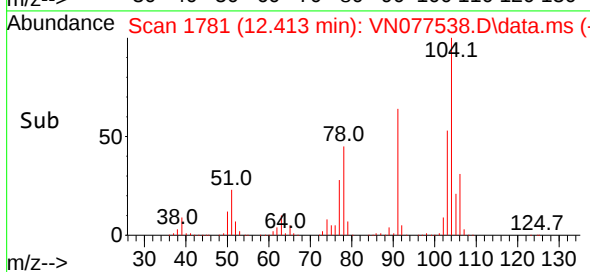
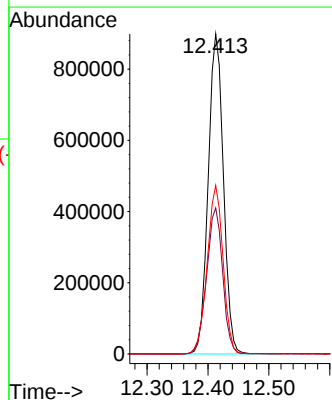
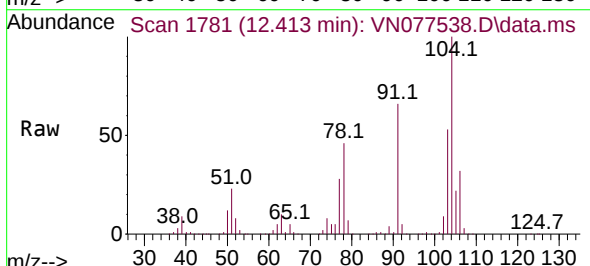
Manual Integrations
APPROVED

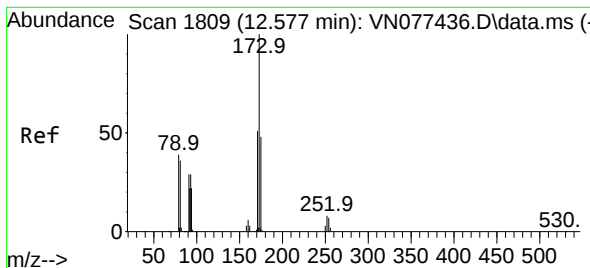
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#70
Styrene
Concen: 56.159 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Tgt Ion:104 Resp: 1559200
Ion Ratio Lower Upper
104 100
78 48.3 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 55.633 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

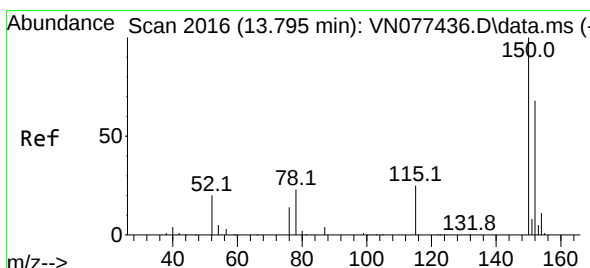
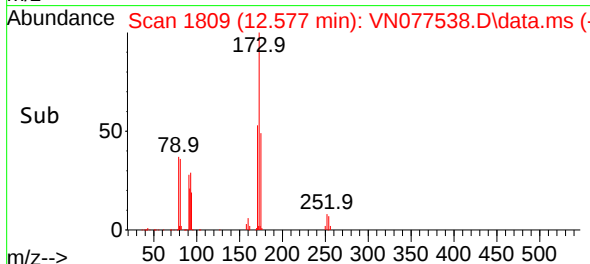
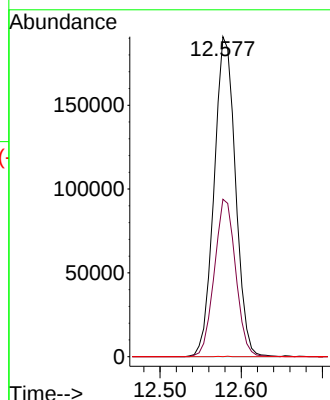
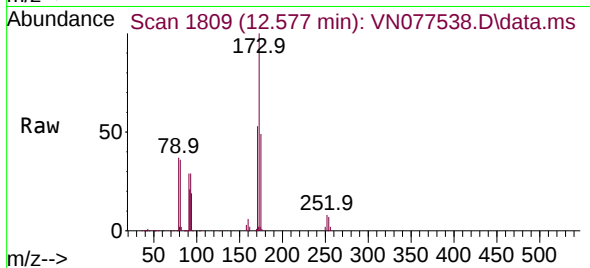
Tgt Ion:	173	Resp:	34934
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

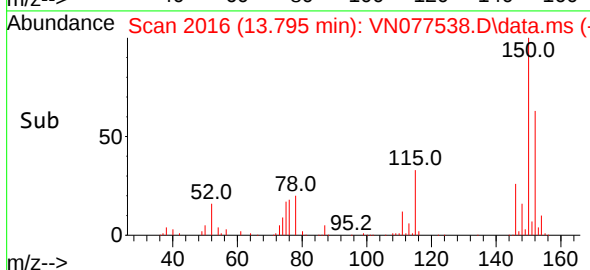
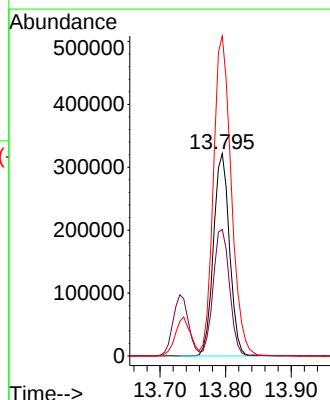
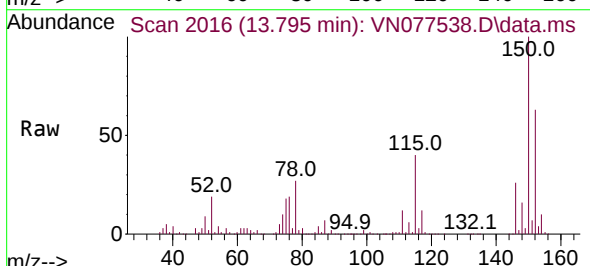
RT: 13.795 min Scan# 2016

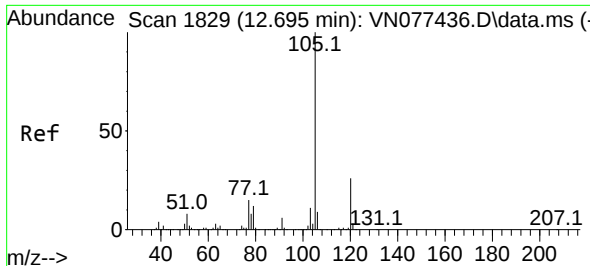
Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

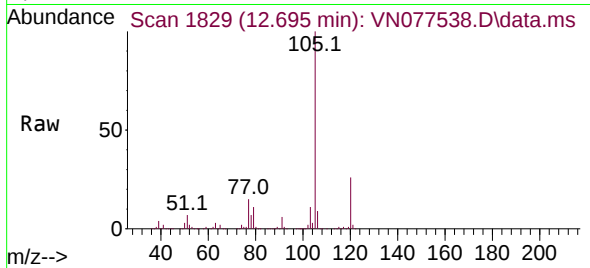
Tgt Ion:	152	Resp:	546553
Ion Ratio	Lower	Upper	
152	100		
115	63.6	32.3	96.8
150	176.1	0.0	355.8





#73
Isopropylbenzene
Concen: 50.434 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

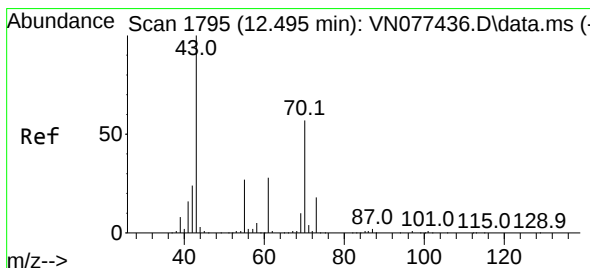
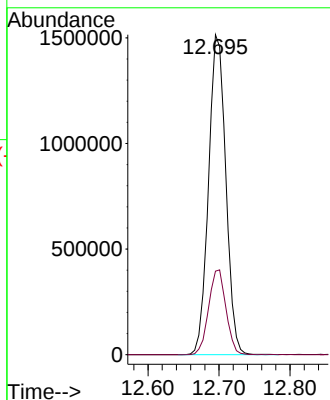
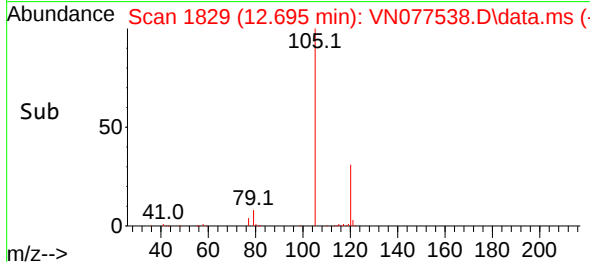
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



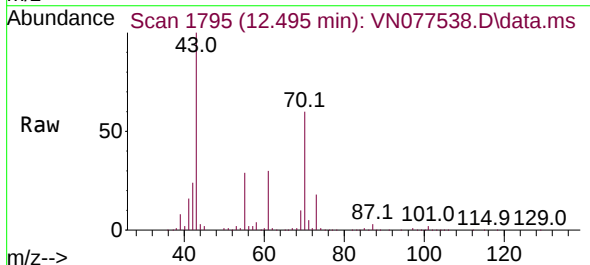
Tgt Ion:105 Resp: 255788
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

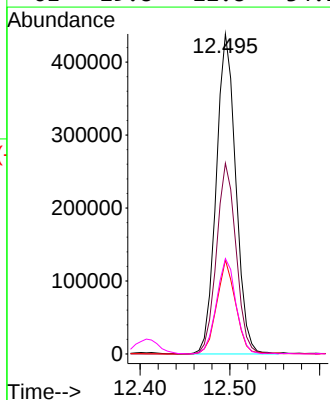
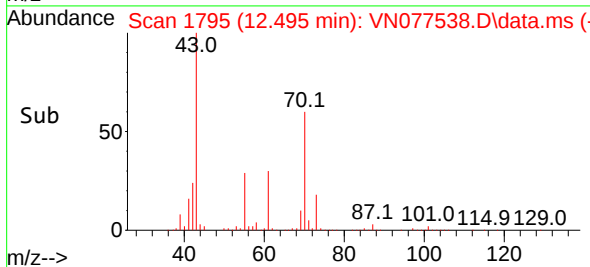
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

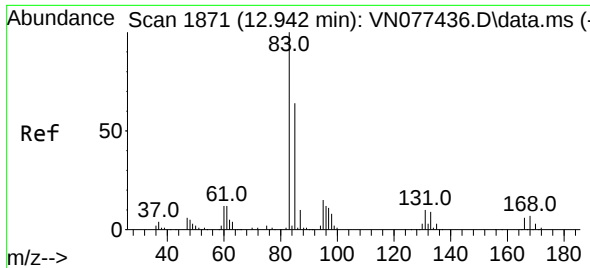


#74
N-ethyl acetate
Concen: 44.267 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



Tgt Ion: 43 Resp: 664687
Ion Ratio Lower Upper
43 100
70 59.6 43.4 65.2
55 28.1 21.4 32.0
61 29.8 22.8 34.2





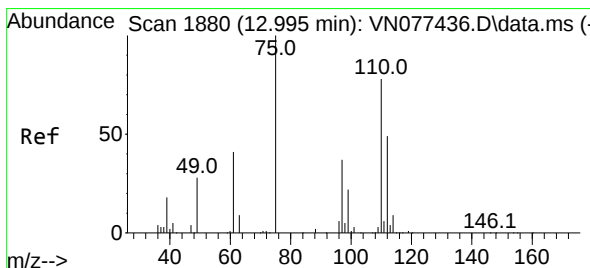
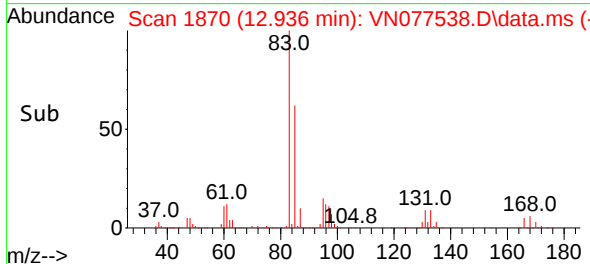
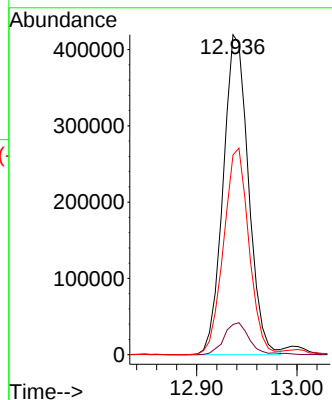
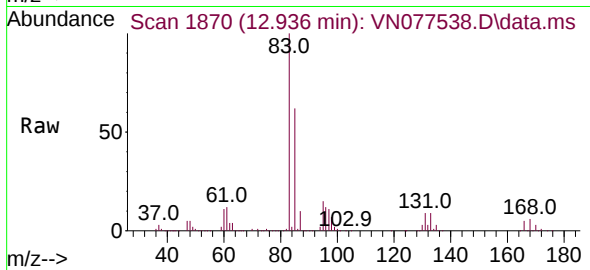
#75
1,1,2,2-Tetrachloroethane
Concen: 46.175 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 735839
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.6 31.9 95.7

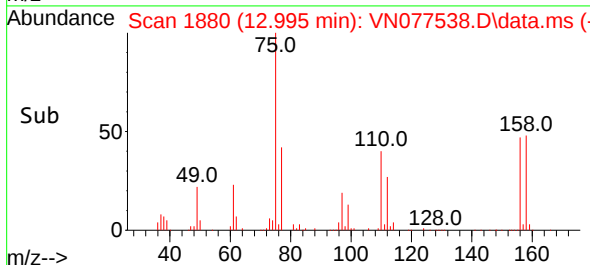
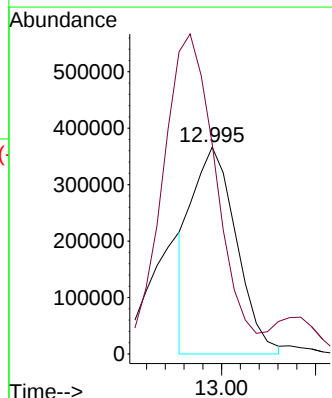
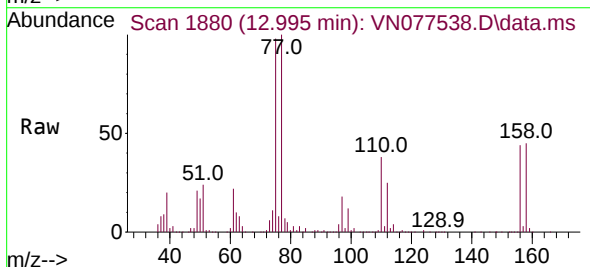
Manual Integrations
APPROVED

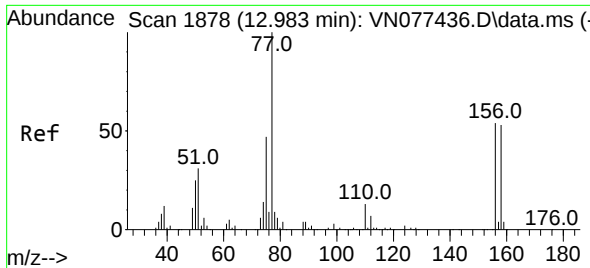
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#76
1,2,3-Trichloropropane
Concen: 47.538 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

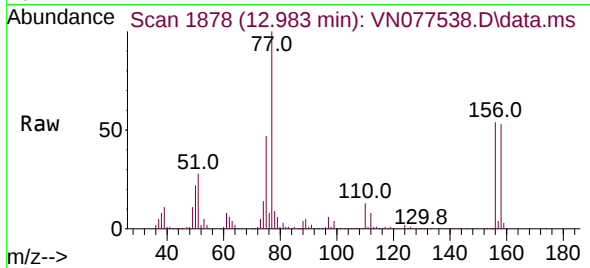
Tgt Ion: 75 Resp: 604182
Ion Ratio Lower Upper
75 100
77 187.3 84.5 253.5





#77
Bromobenzene
Concen: 47.815 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

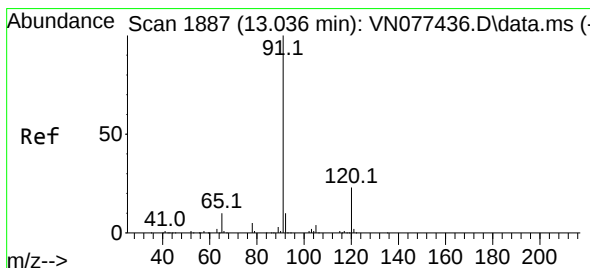
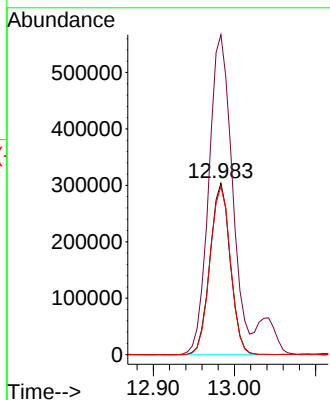
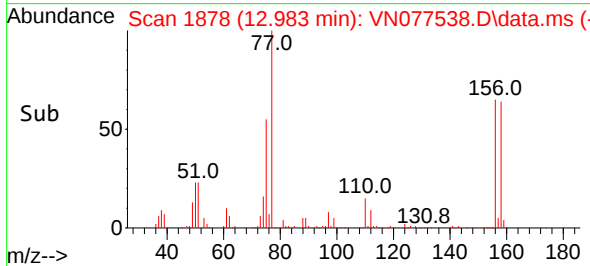
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 52852
Ion Ratio Lower Upper
156 100
77 214.2 107.7 323.3
158 99.0 48.4 145.3

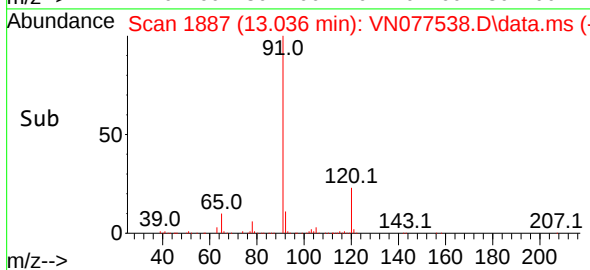
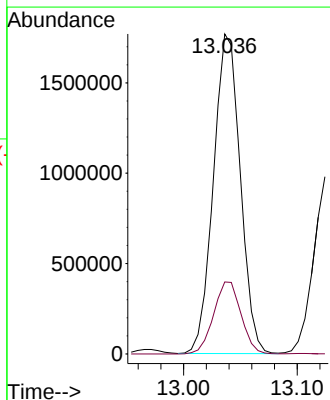
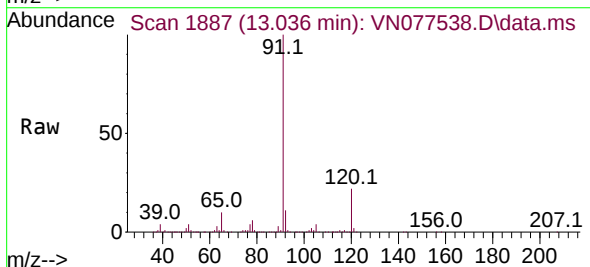
Manual Integrations
APPROVED

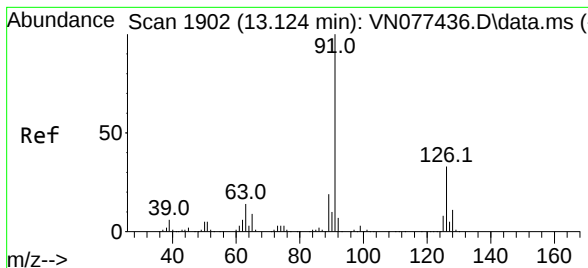
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#78
n-propylbenzene
Concen: 51.857 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Tgt Ion: 91 Resp: 2908077
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





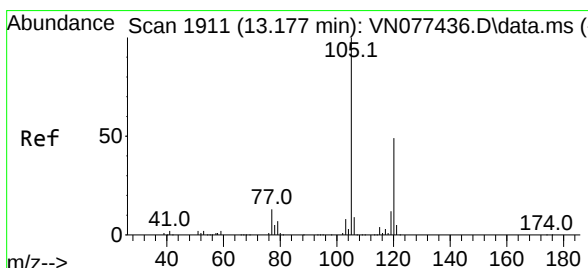
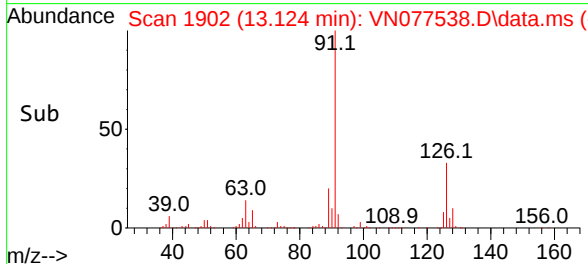
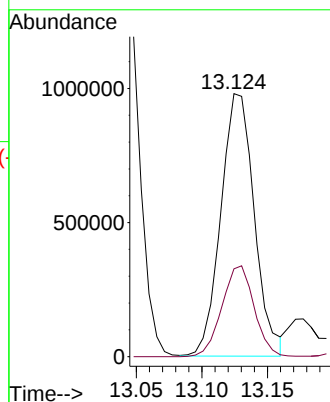
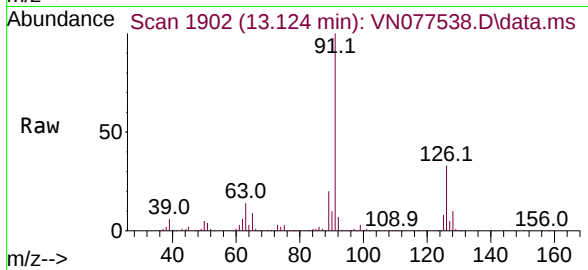
#79
2-Chlorotoluene
Concen: 50.286 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1738652
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

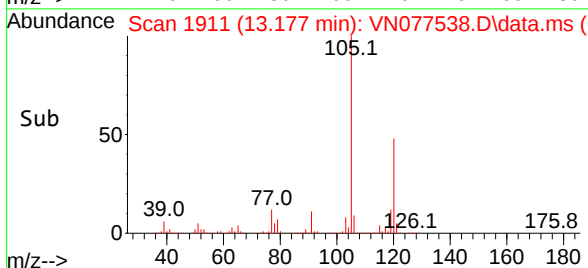
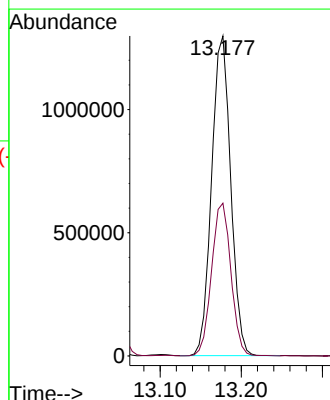
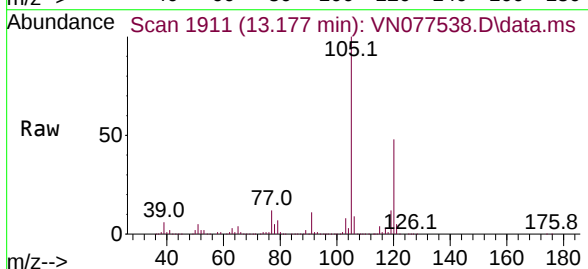
Manual Integrations
APPROVED

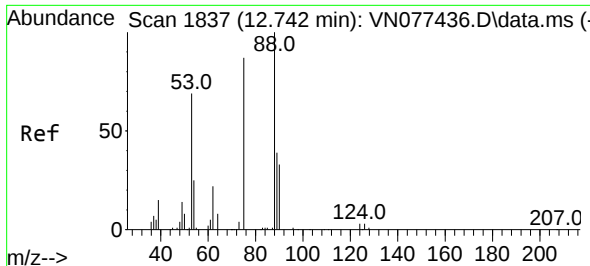
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.208 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

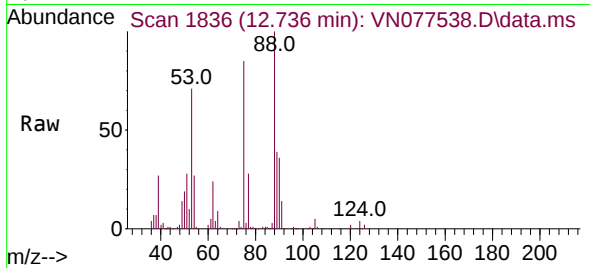
Tgt Ion:105 Resp: 2117033
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.426 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

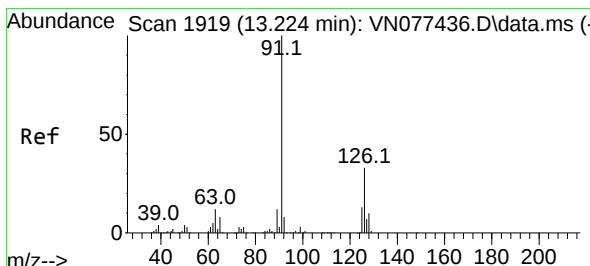
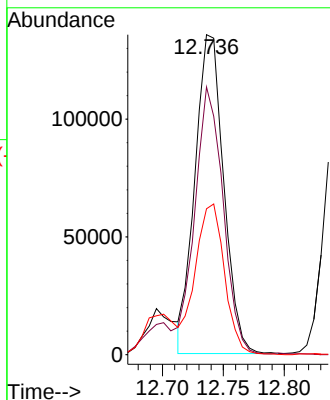
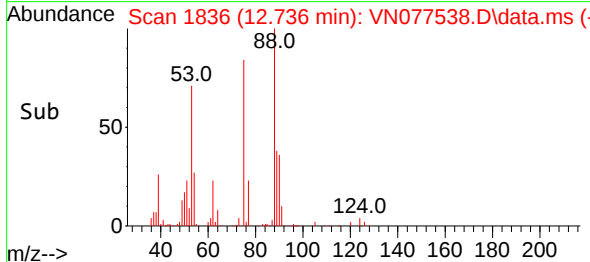
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 222352
Ion Ratio Lower Upper
75 100
53 93.4 67.4 101.2
89 48.4 38.8 58.2

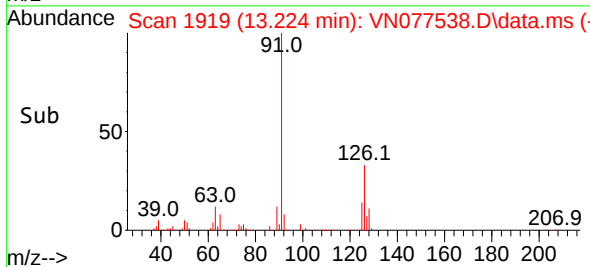
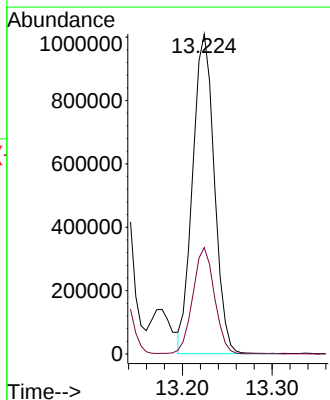
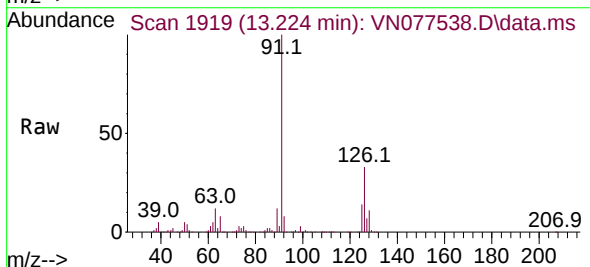
Manual Integrations
APPROVED

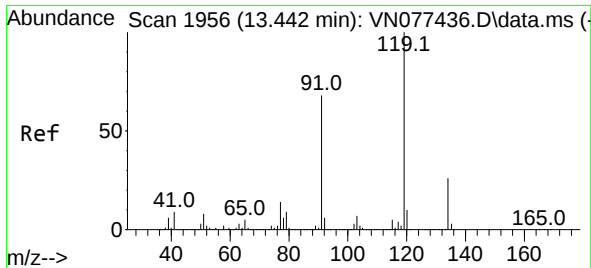
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#82
4-Chlorotoluene
Concen: 52.267 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

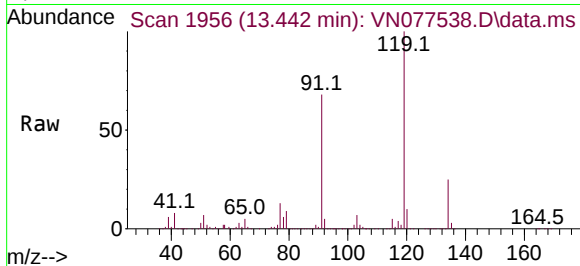
Tgt Ion: 91 Resp: 1688674
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 50.468 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

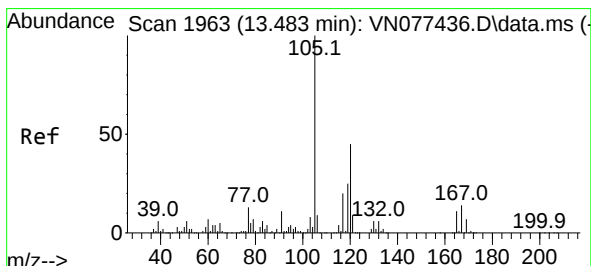
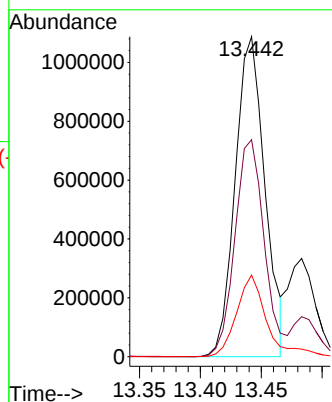
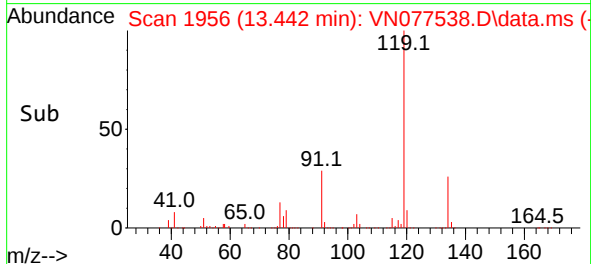
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



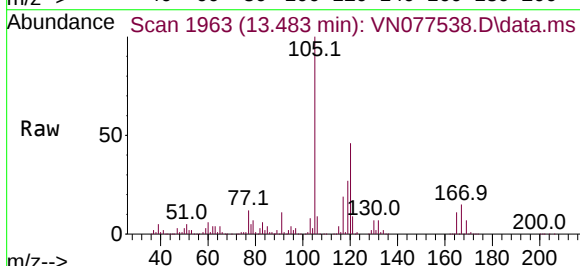
Tgt Ion:119 Resp: 1845971
Ion Ratio Lower Upper
119 100
91 67.6 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

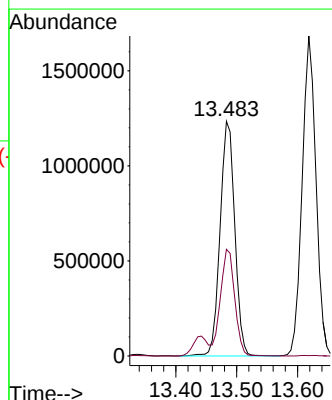
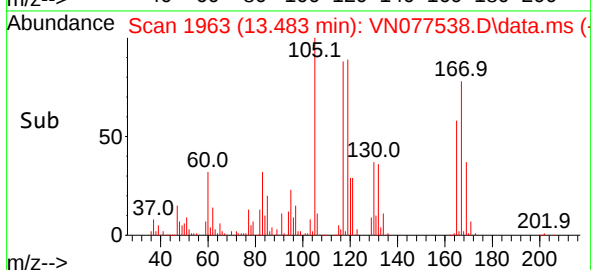
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

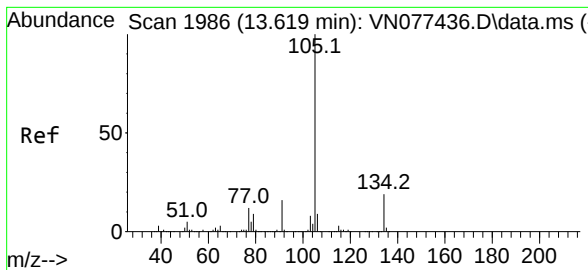


#84
1,2,4-Trimethylbenzene
Concen: 58.648 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



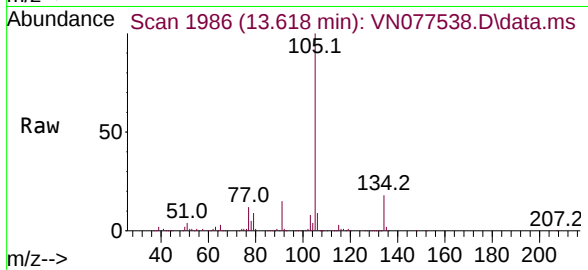
Tgt Ion:105 Resp: 2062971
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 52.770 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077538.D
 Acq: 01 May 2023 11:19

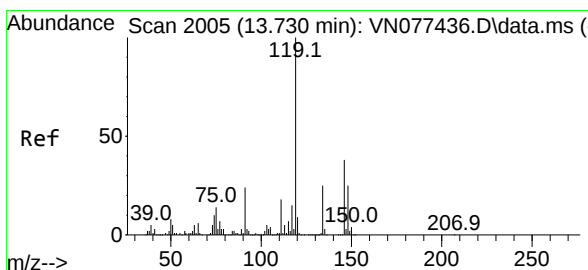
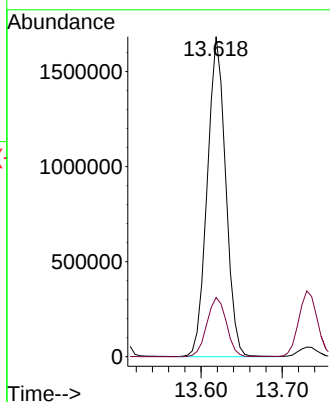
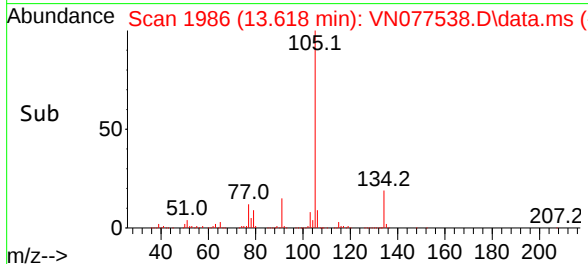
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



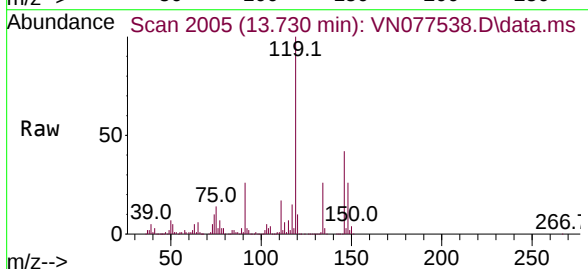
Tgt Ion:105 Resp: 2649340
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

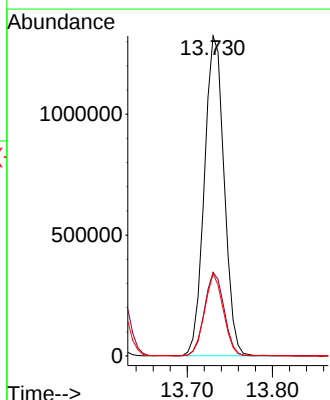
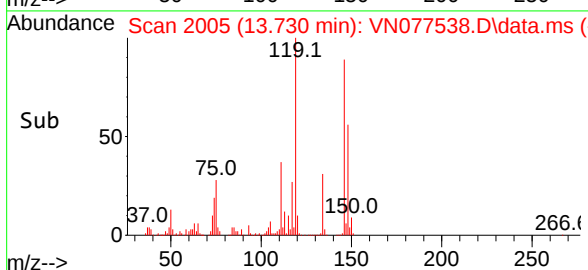
Reviewed By :John Carlone 05/02/2023
 Supervised By :Mahesh Dadoda 05/03/2023

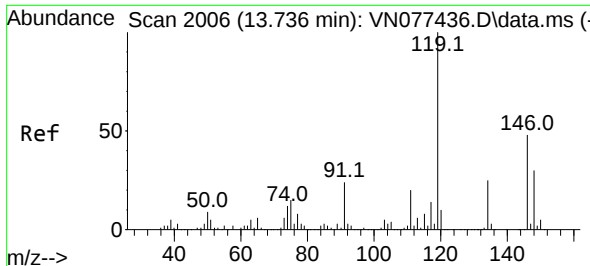


#86
 p-Isopropyltoluene
 Concen: 55.178 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077538.D
 Acq: 01 May 2023 11:19



Tgt Ion:119 Resp: 2131435
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.109 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 1004698

Ion Ratio Lower Upper

146 100

111 43.0 22.1 66.3

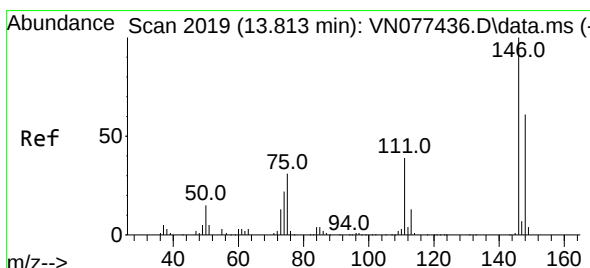
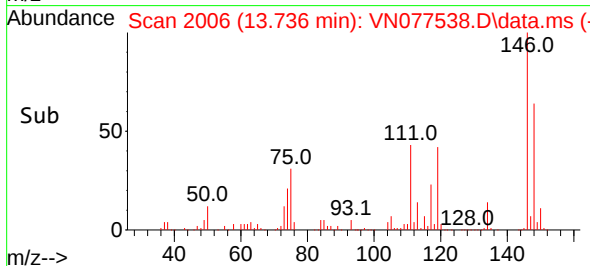
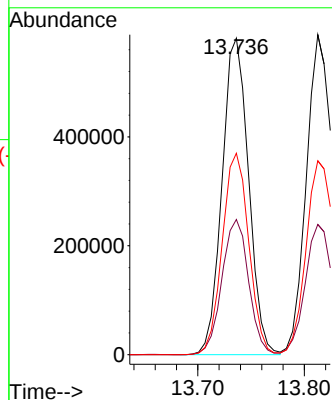
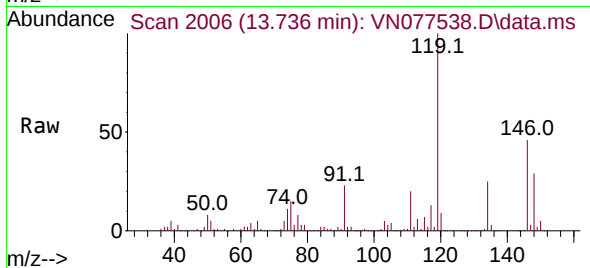
148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2023

Supervised By :Mahesh Dadoda 05/03/2023



#88

1,4-Dichlorobenzene

Concen: 51.333 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

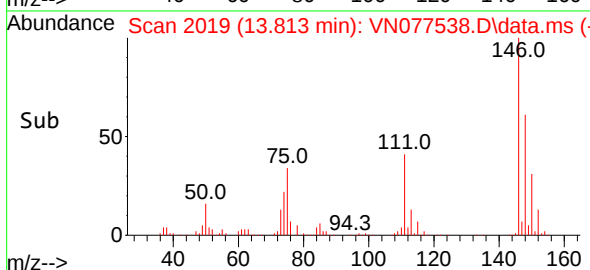
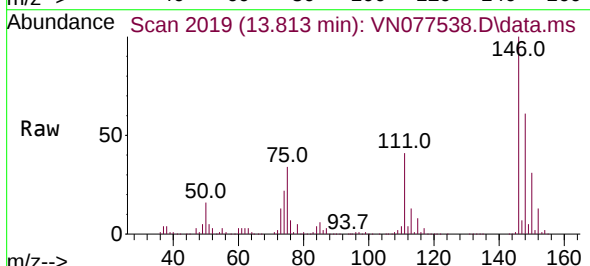
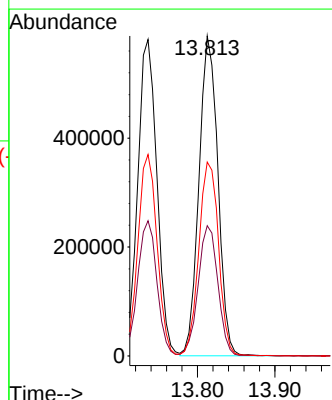
Tgt Ion:146 Resp: 996359

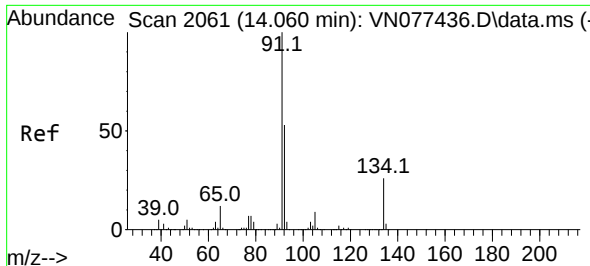
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

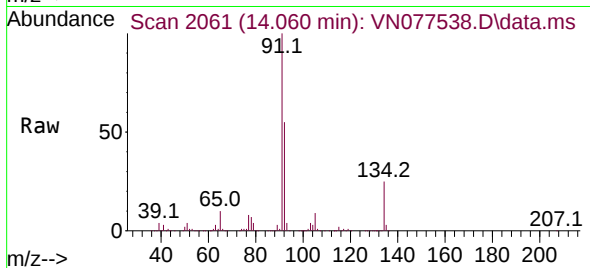
148 63.0 31.6 94.8





#89
n-Butylbenzene
Concen: 60.793 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

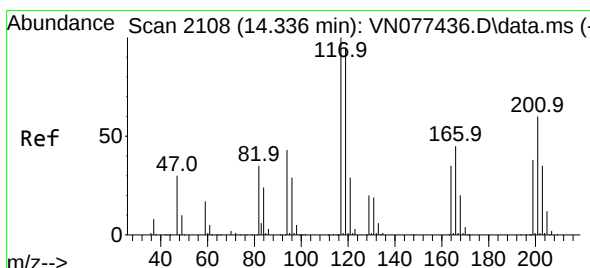
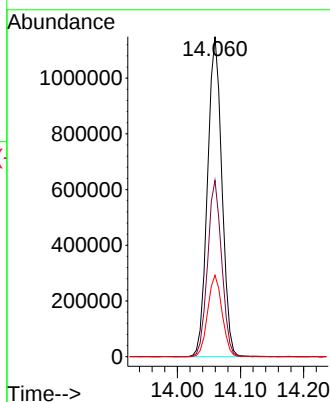
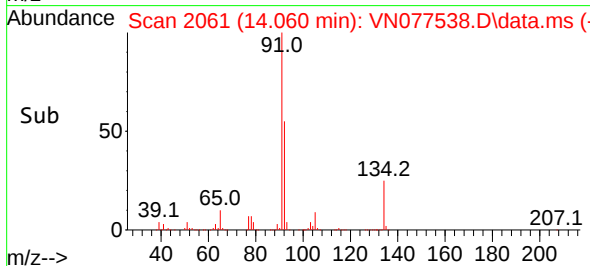
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 181734
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 25.5 12.6 37.6

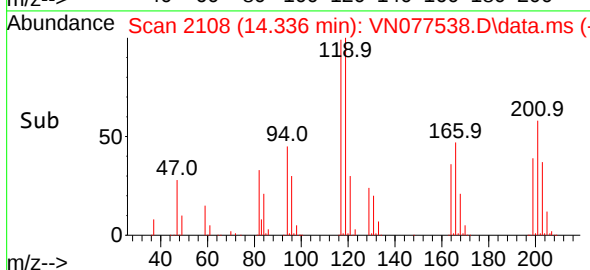
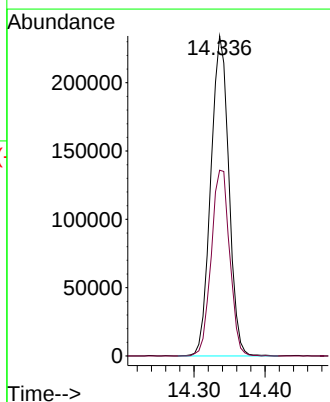
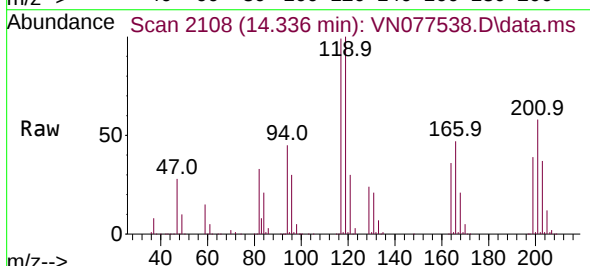
Manual Integrations
APPROVED

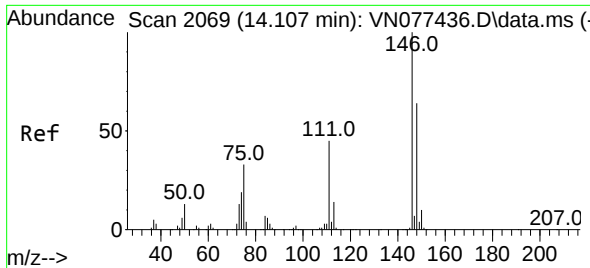
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#90
Hexachloroethane
Concen: 48.319 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

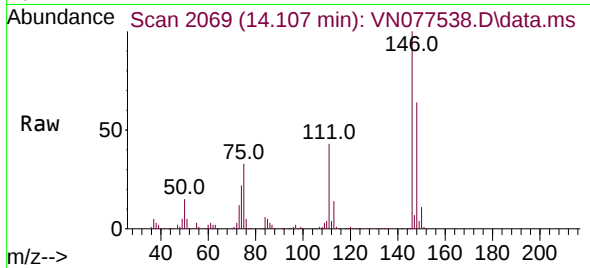
Tgt Ion:117 Resp: 412355
Ion Ratio Lower Upper
117 100
201 59.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 50.572 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

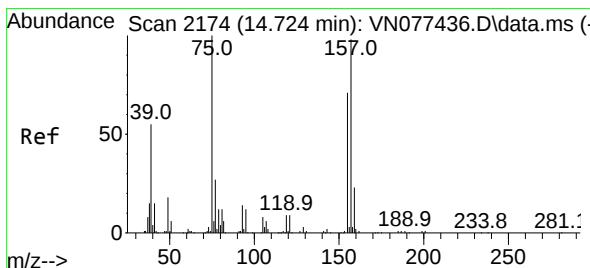
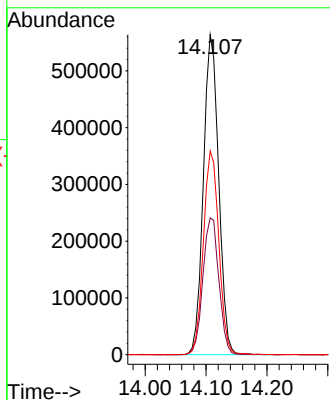
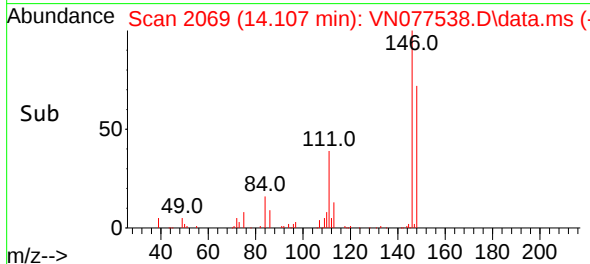
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



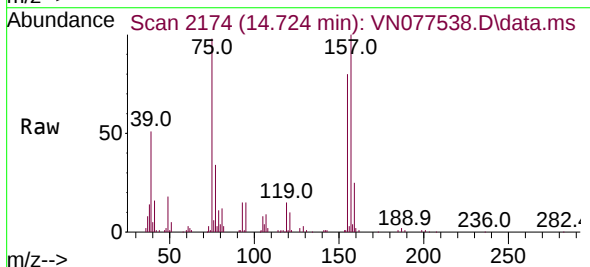
Tgt Ion:146 Resp: 986004
Ion Ratio Lower Upper
146 100
111 44.7 22.0 66.0
148 64.2 31.8 95.3

Manual Integrations
APPROVED

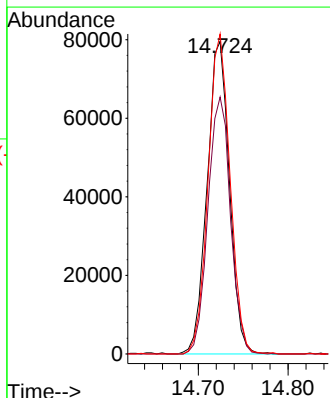
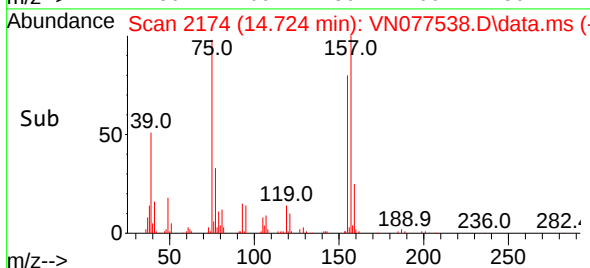
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

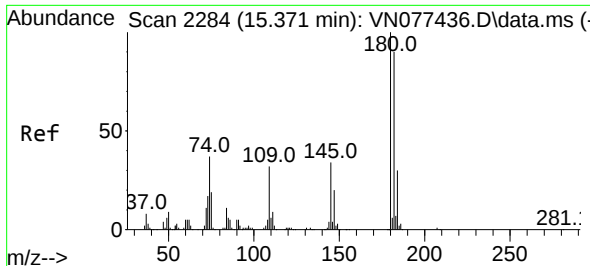


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.602 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19



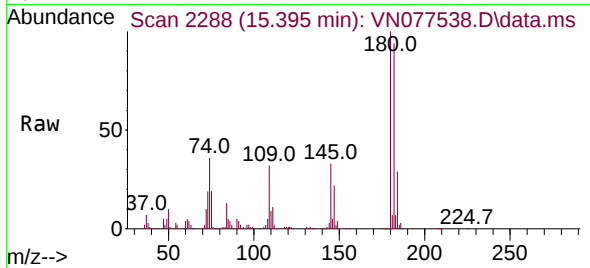
Tgt Ion: 75 Resp: 137330
Ion Ratio Lower Upper
75 100
155 83.1 39.1 117.2
157 100.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 54.791 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

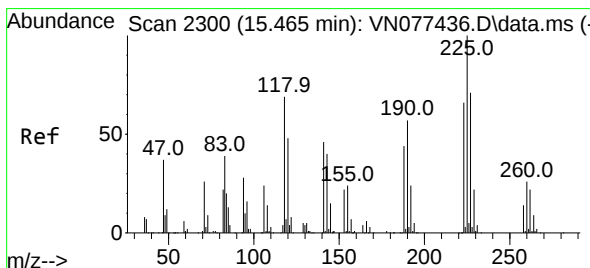
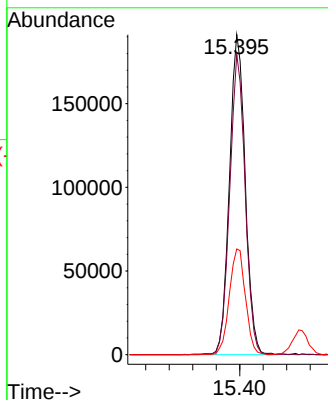
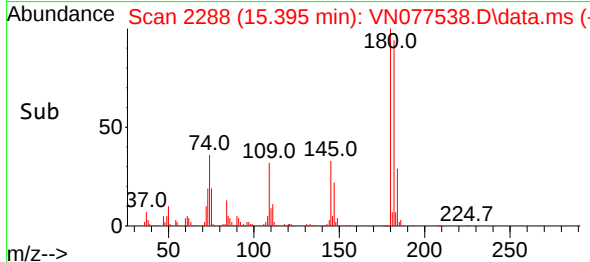
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 356474
Ion Ratio Lower Upper
180 100
182 91.5 46.1 138.2
145 33.7 16.6 49.8

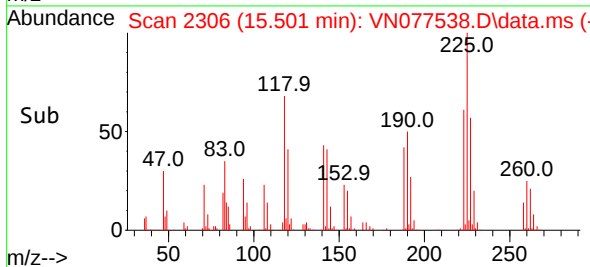
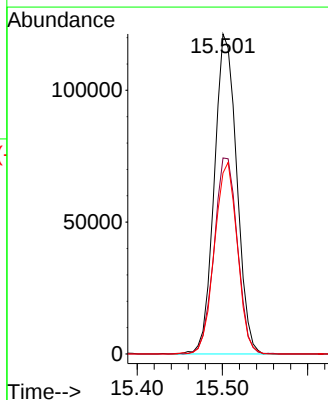
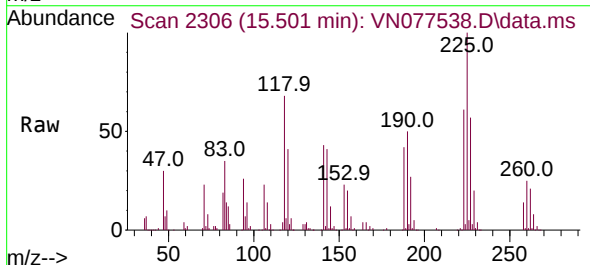
Manual Integrations
APPROVED

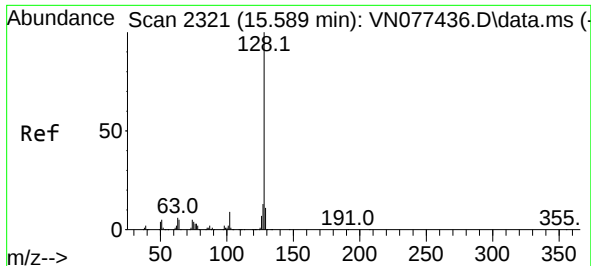
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#94
Hexachlorobutadiene
Concen: 56.355 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. 0.036 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

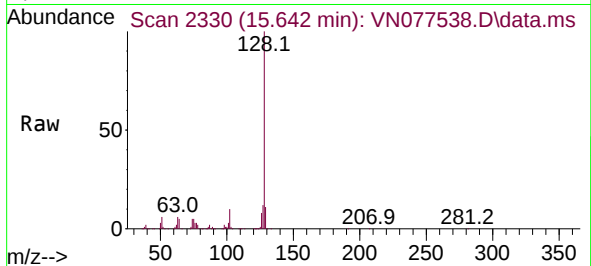
Tgt Ion:225 Resp: 222034
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.8
227 61.0 31.9 95.9





#95
Naphthalene
Concen: 54.327 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

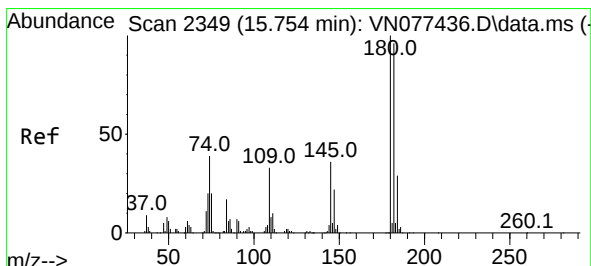
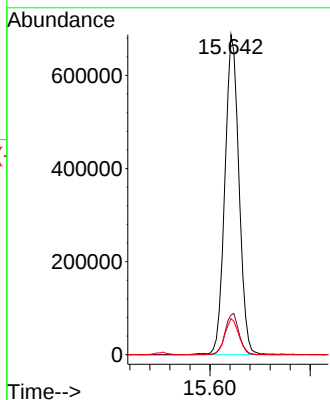
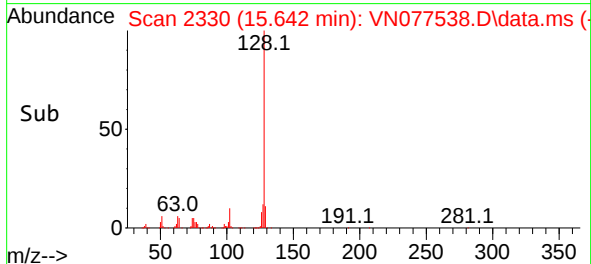
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 134255
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 53.309 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077538.D
Acq: 01 May 2023 11:19

Tgt Ion:180 Resp: 320958
Ion Ratio Lower Upper
180 100
182 96.4 46.2 138.6
145 37.0 17.5 52.6

