

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077683.D
 Acq On : 16 May 2023 11:09
 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 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

Quant Time: May 17 03:55:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	409151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	746545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	652125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	293844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	315813	51.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.180%			
35) Dibromofluoromethane	8.171	113	253769	52.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.260%			
50) Toluene-d8	10.570	98	988392	52.749	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.500%			
62) 4-Bromofluorobenzene	12.853	95	345144	52.154	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	228750	49.126	ug/l	98
3) Chloromethane	2.365	50	236629	47.853	ug/l	98
4) Vinyl Chloride	2.518	62	281758	47.994	ug/l	98
5) Bromomethane	2.959	94	196488	45.254	ug/l	99
6) Chloroethane	3.124	64	212551	50.238	ug/l	97
7) Trichlorofluoromethane	3.506	101	398471	48.703	ug/l	100
8) Diethyl Ether	3.971	74	145061	48.567	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	221396	48.897	ug/l	99
10) Methyl Iodide	4.594	142	293958	54.439	ug/l	97
11) Tert butyl alcohol	5.530	59	191374	226.508	ug/l	98
12) 1,1-Dichloroethene	4.347	96	213559	49.626	ug/l	90
13) Acrolein	4.183	56	139149	266.647	ug/l	97
14) Allyl chloride	5.030	41	295857	46.799	ug/l	90
15) Acrylonitrile	5.724	53	537111	237.953	ug/l	99
16) Acetone	4.436	43	435319	226.017	ug/l	93
17) Carbon Disulfide	4.718	76	532109	45.891	ug/l	98
18) Methyl Acetate	5.030	43	380136	47.046	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	770840	49.488	ug/l	100
20) Methylene Chloride	5.289	84	252402	50.363	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	234873	48.588	ug/l	88
22) Diisopropyl ether	6.677	45	738279	49.823	ug/l #	94
23) Vinyl Acetate	6.612	43	2216659	241.442	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	453251	49.928	ug/l	97
25) 2-Butanone	7.488	43	715557	237.496	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	395768	51.315	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	285251	49.214	ug/l	90
28) Bromochloromethane	7.818	49	198710	50.612	ug/l	85
29) Tetrahydrofuran	7.841	42	464397	235.396	ug/l #	82
30) Chloroform	7.971	83	480543	48.120	ug/l	97
31) Cyclohexane	8.259	56	389676	46.833	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	426574	50.242	ug/l	97
36) 1,1-Dichloropropene	8.377	75	360426	50.619	ug/l	96
37) Ethyl Acetate	7.565	43	283732	44.707	ug/l	96
38) Carbon Tetrachloride	8.365	117	372227	51.769	ug/l	98
39) Methylcyclohexane	9.606	83	446406	51.210	ug/l	89
40) Benzene	8.612	78	1067489	50.804	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	168499	49.854	ug/l	88
42) 1,2-Dichloroethane	8.677	62	379525	49.723	ug/l	96
43) Isopropyl Acetate	8.694	43	500228	48.255	ug/l #	94
44) Trichloroethene	9.359	130	263645	49.553	ug/l	100
45) 1,2-Dichloropropane	9.624	63	273185	50.971	ug/l	93
46) Dibromomethane	9.712	93	185632	48.403	ug/l	96
47) Bromodichloromethane	9.894	83	388907	52.967	ug/l	99
48) Methyl methacrylate	9.682	41	249462	50.757	ug/l	83
49) 1,4-Dioxane	9.700	88	83950	904.354	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	1520202	246.711	ug/l	93
52) Toluene	10.635	92	667129	51.000	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	395950	50.924	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	435785	50.859	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	260189	50.094	ug/l	93
56) Ethyl methacrylate	10.882	69	398103	50.693	ug/l #	91
57) 1,3-Dichloropropane	11.170	76	446587	50.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	951678	246.325	ug/l	91
59) 2-Hexanone	11.200	43	1094930	240.238	ug/l	92
60) Dibromochloromethane	11.365	129	274335	51.163	ug/l	100
61) 1,2-Dibromoethane	11.476	107	259142	50.012	ug/l	99
64) Tetrachloroethene	11.112	164	241489	52.953	ug/l	99
65) Chlorobenzene	11.900	112	706412	49.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	257101	52.559	ug/l	99
67) Ethyl Benzene	11.970	91	1298692	51.261	ug/l	99
68) m/p-Xylenes	12.076	106	984003	102.505	ug/l	97
69) o-Xylene	12.406	106	478378	50.672	ug/l	94
70) Styrene	12.417	104	781873	52.135	ug/l	97
71) Bromoform	12.588	173	173618	53.353	ug/l #	100
73) Isopropylbenzene	12.700	105	1264325	49.915	ug/l	99
74) N-amyl acetate	12.500	43	426074	45.509	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	354700	45.519	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	312357m	42.446	ug/l	
77) Bromobenzene	12.988	156	268499	46.450	ug/l	94
78) n-propylbenzene	13.041	91	1472033	49.295	ug/l	99
79) 2-Chlorotoluene	13.129	91	872726	48.977	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	1046198	49.144	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	130997	56.902	ug/l	95
82) 4-Chlorotoluene	13.229	91	844390	47.627	ug/l	99
83) tert-Butylbenzene	13.447	119	904281	48.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1049238	50.114	ug/l	100
85) sec-Butylbenzene	13.623	105	1306286	49.458	ug/l	100
86) p-Isopropyltoluene	13.735	119	1066466	50.648	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	499447	46.722	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	496595	46.814	ug/l	99
89) n-Butylbenzene	14.064	91	949901	49.047	ug/l	99
90) Hexachloroethane	14.341	117	181254	52.399	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	483703	48.436	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70636	46.822	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	269234	46.134	ug/l	98
94) Hexachlorobutadiene	15.511	225	113086	46.671	ug/l	97
95) Naphthalene	15.647	128	871192	43.370	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	262599	45.958	ug/l	98

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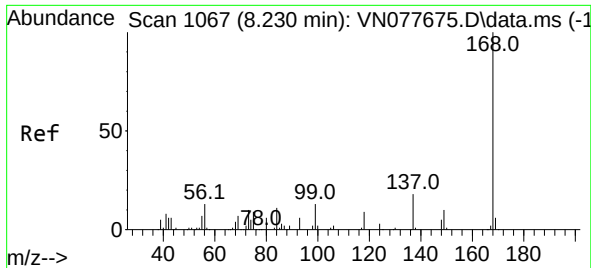
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/17/2023

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 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: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

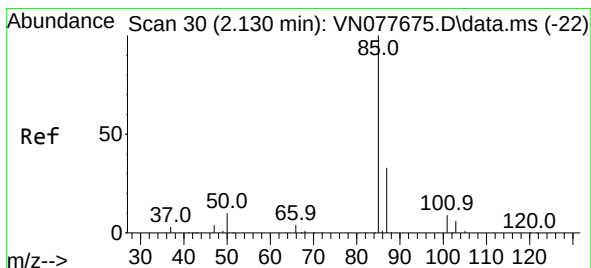
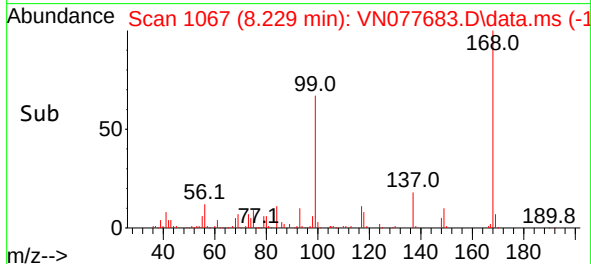
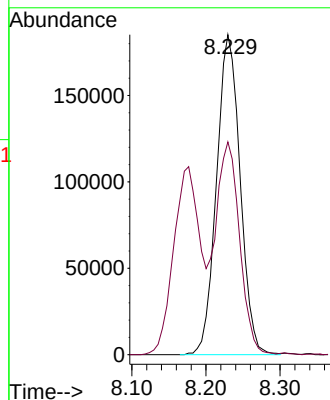
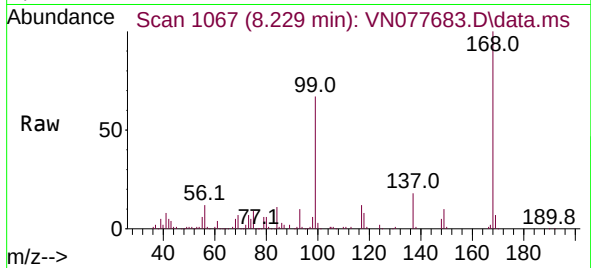
VSTDCCC050

Tgt Ion:168 Resp: 40915
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6

Manual Integrations

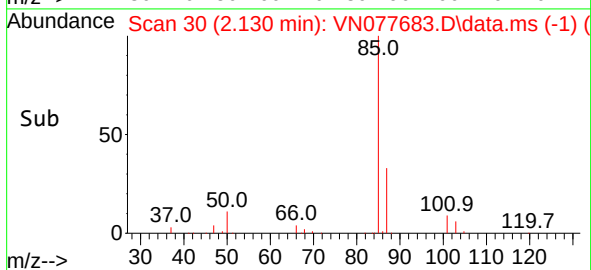
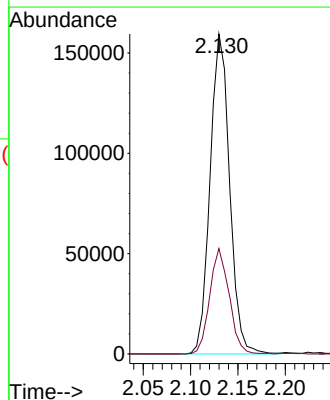
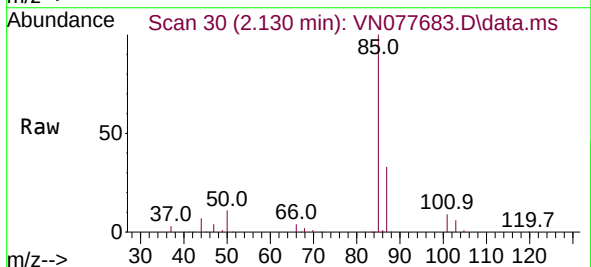
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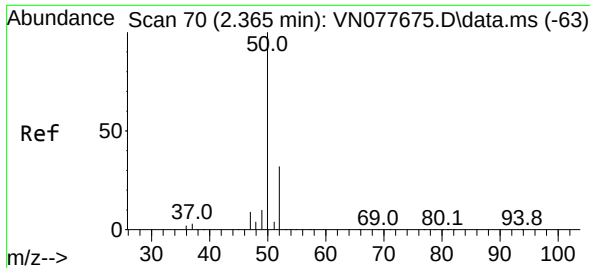
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#2
Dichlorodifluoromethane
Concen: 49.126 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

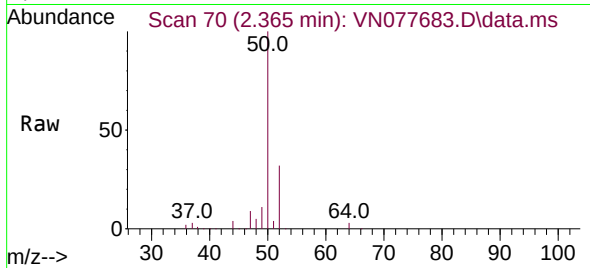
Tgt Ion: 85 Resp: 228750
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 47.853 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

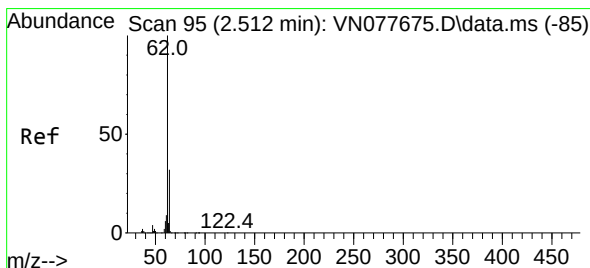
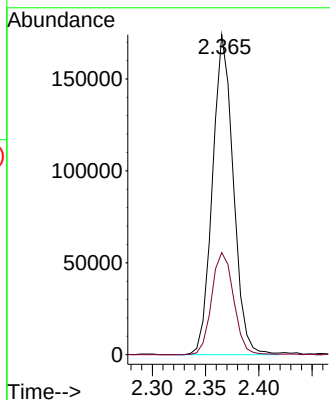
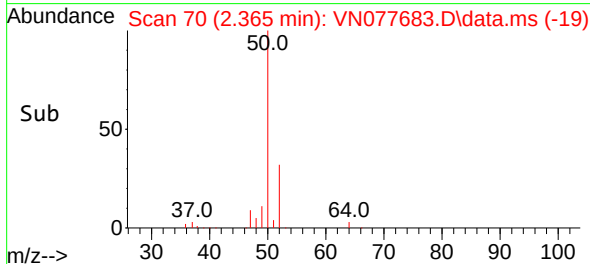
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 236629
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

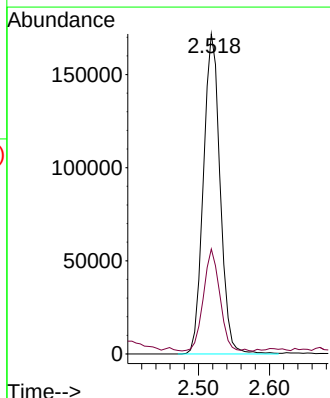
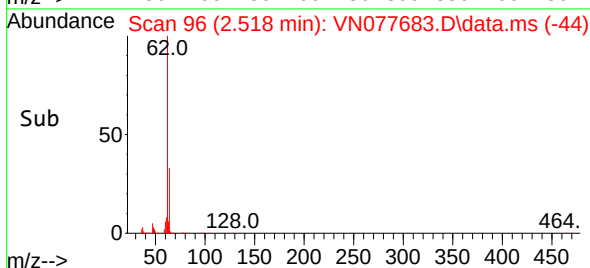
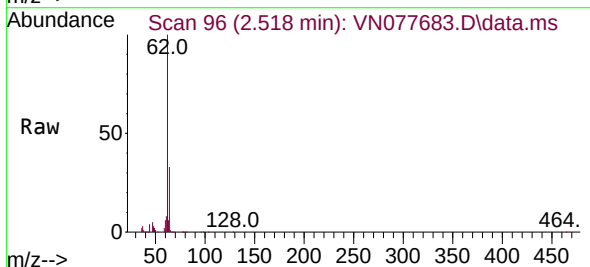
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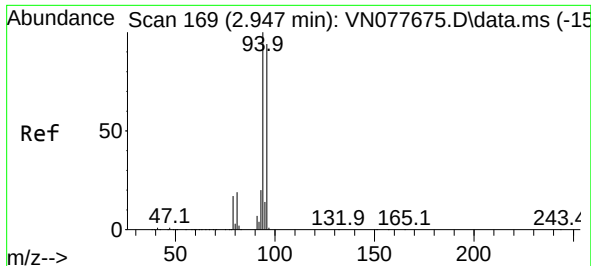
Reviewed By :John Carlone 05/17/2023
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#4
Vinyl Chloride
Concen: 47.994 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

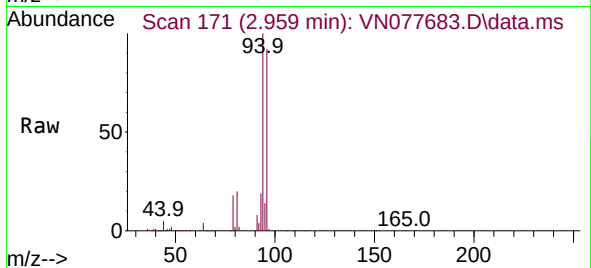
Tgt Ion: 62 Resp: 281758
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 45.254 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

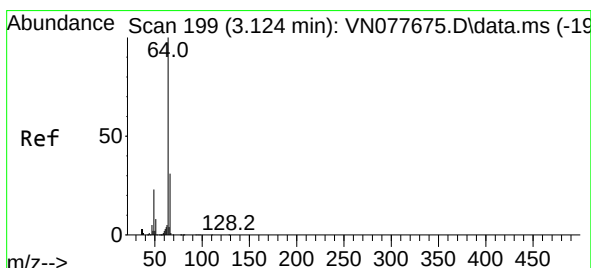
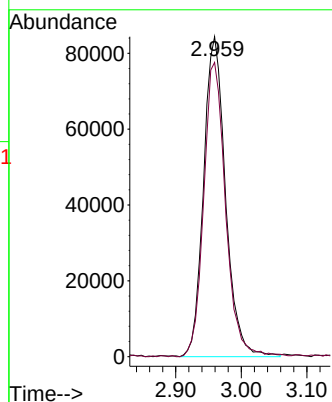
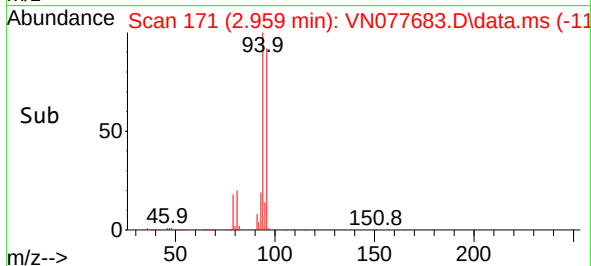
Instrument :
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Tgt Ion: 94 Resp: 196488
Ion Ratio Lower Upper
94 100
96 91.9 73.1 109.7

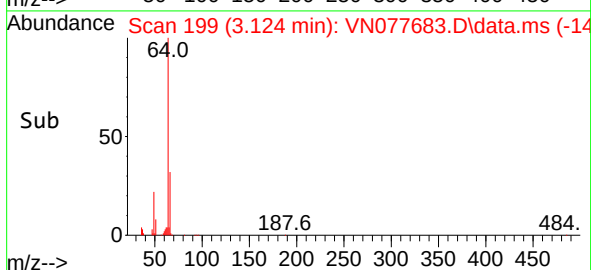
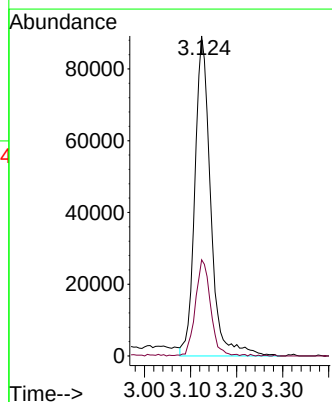
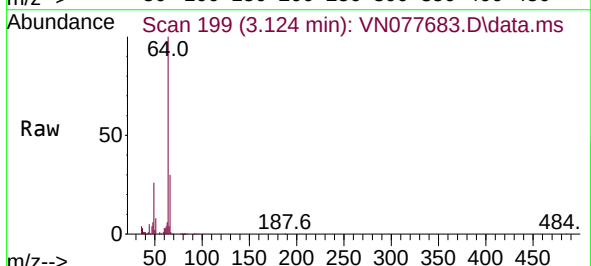
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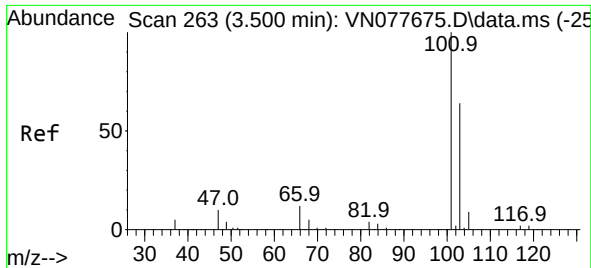
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#6
Chloroethane
Concen: 50.238 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion: 64 Resp: 212551
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.2





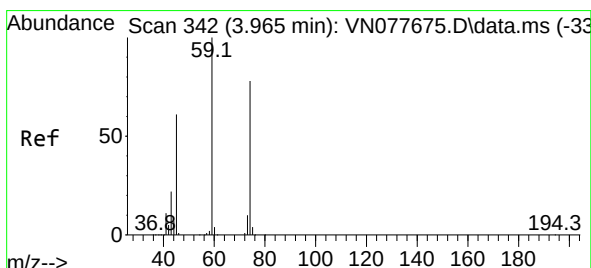
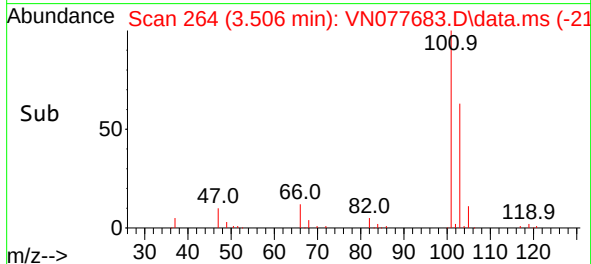
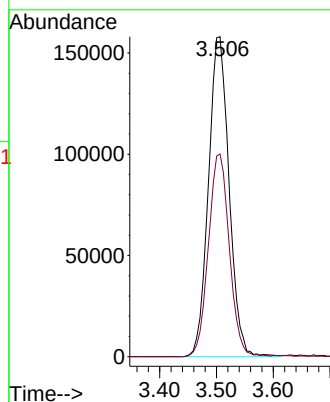
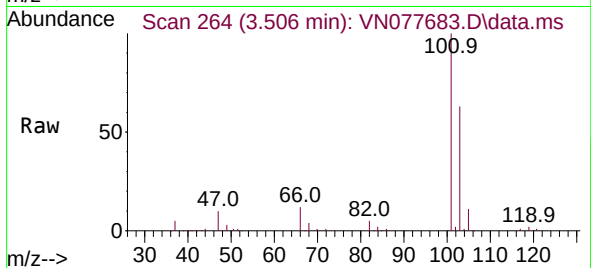
#7
Trichlorofluoromethane
Concen: 48.703 ug/l
RT: 3.506 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 39847
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1

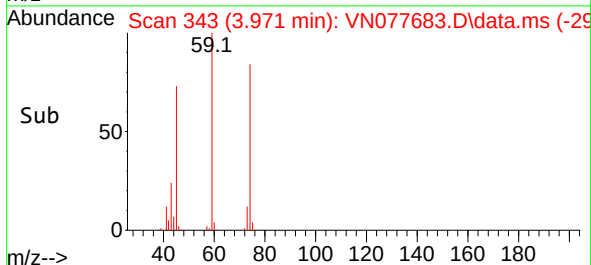
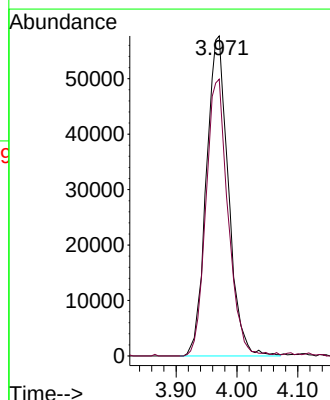
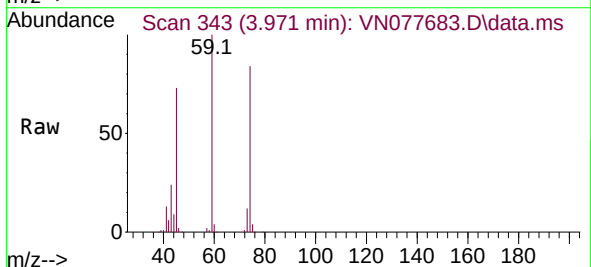
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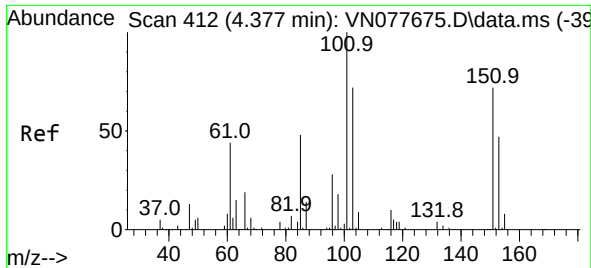
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#8
Diethyl Ether
Concen: 48.567 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion: 74 Resp: 145061
Ion Ratio Lower Upper
74 100
45 86.7 34.4 103.3





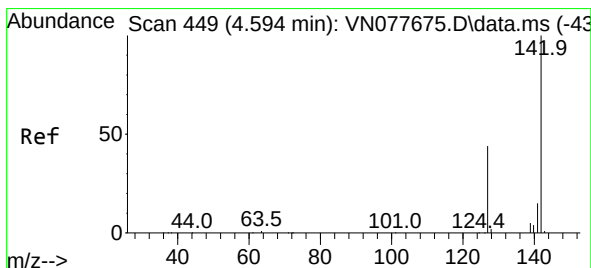
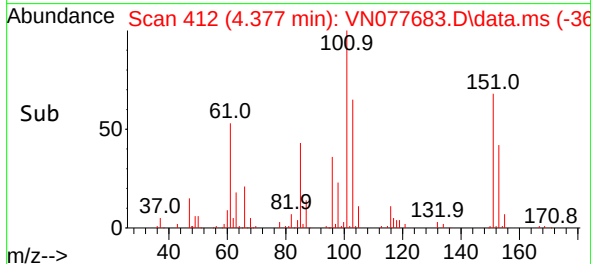
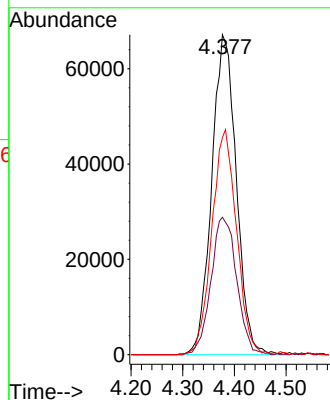
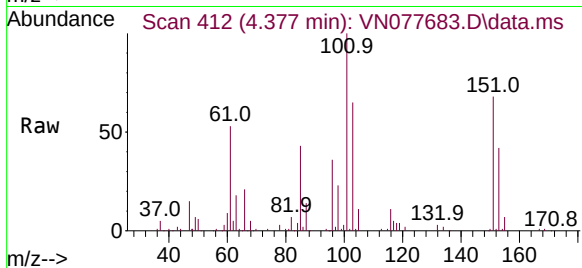
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.897 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 221390
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 70.9 57.6 86.4

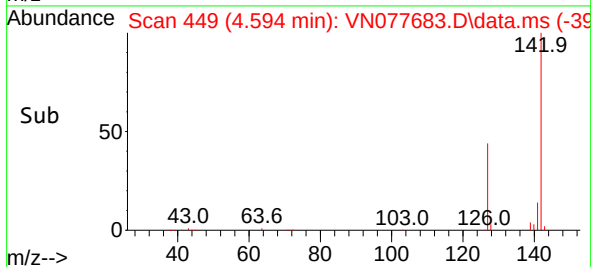
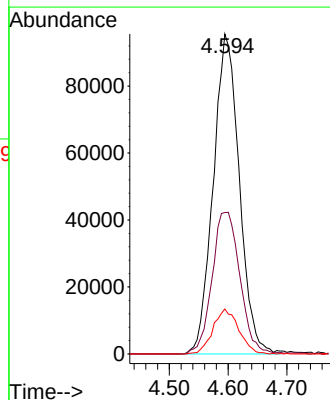
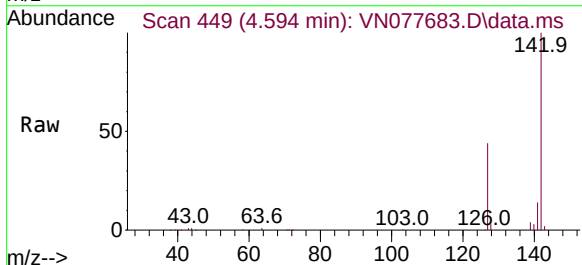
Manual Integrations
APPROVED

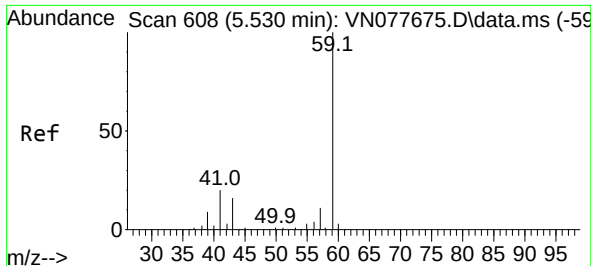
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#10
Methyl Iodide
Concen: 54.439 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

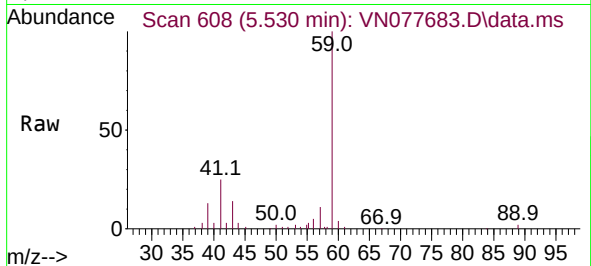
Tgt Ion:142 Resp: 293958
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 226.508 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

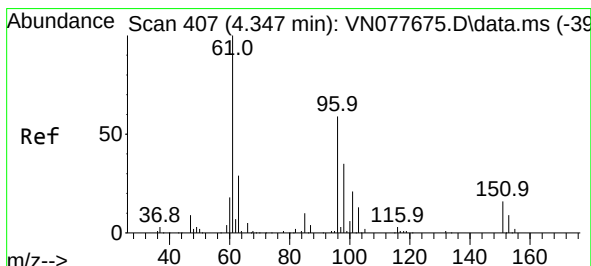
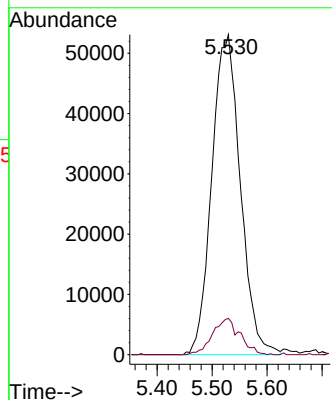
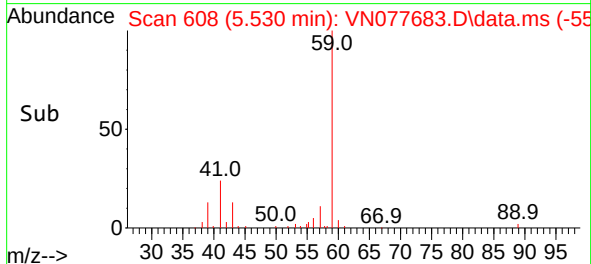
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



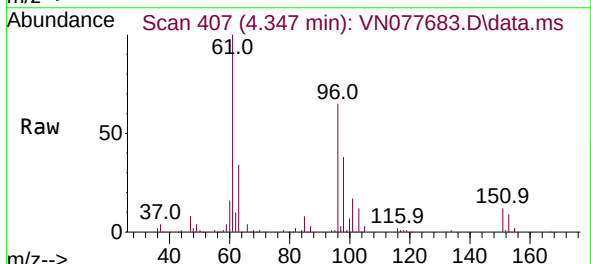
Tgt Ion: 59 Resp: 191374
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

Manual Integrations
APPROVED

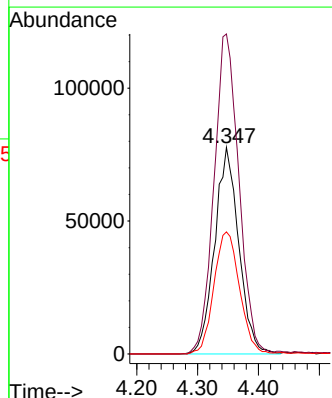
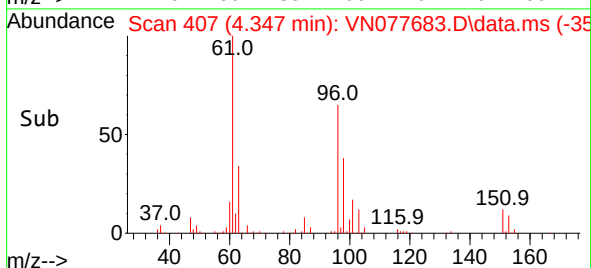
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

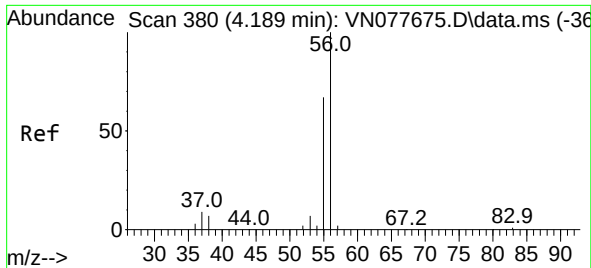


#12
1,1-Dichloroethene
Concen: 49.626 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



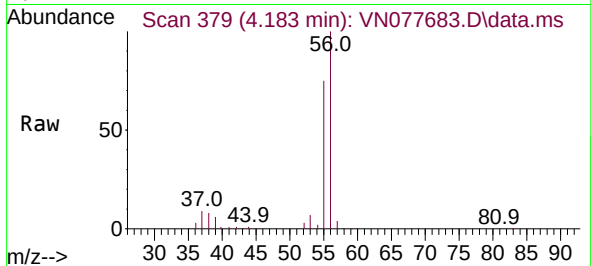
Tgt Ion: 96 Resp: 213559
Ion Ratio Lower Upper
96 100
61 155.0 112.7 169.1
98 59.1 51.2 76.8





#13
Acrolein
Concen: 266.647 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

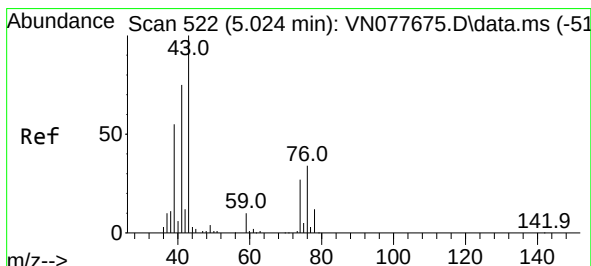
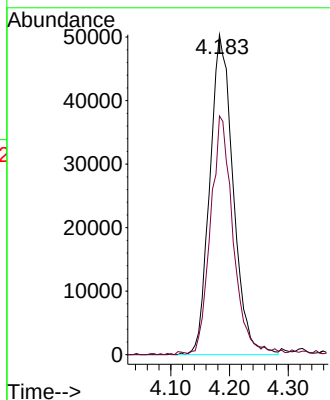
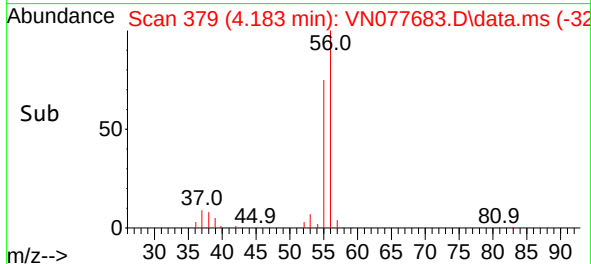
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 139149
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

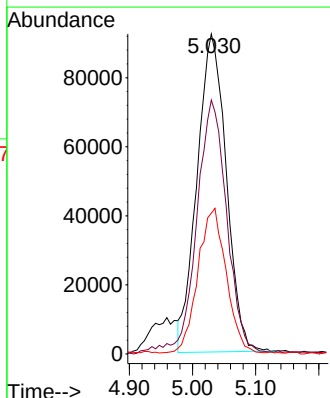
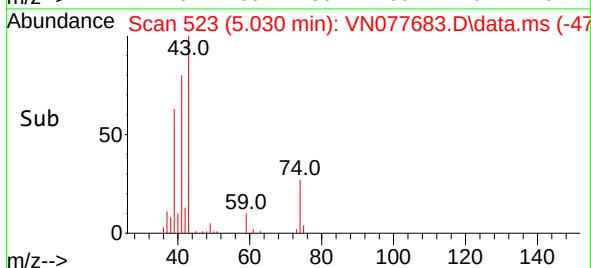
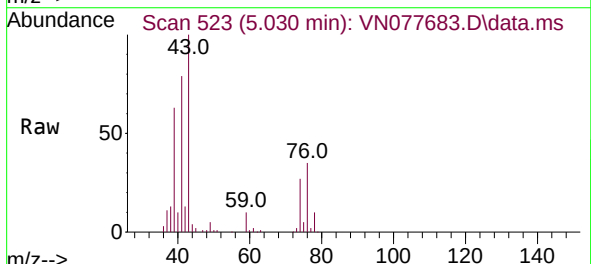
Manual Integrations
APPROVED

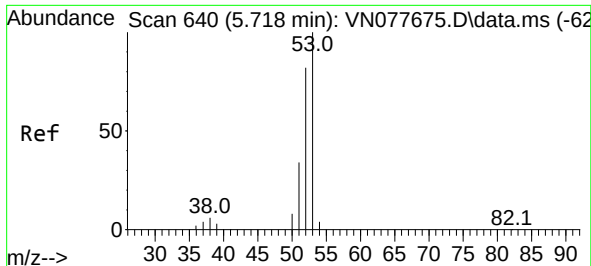
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#14
Allyl chloride
Concen: 46.799 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

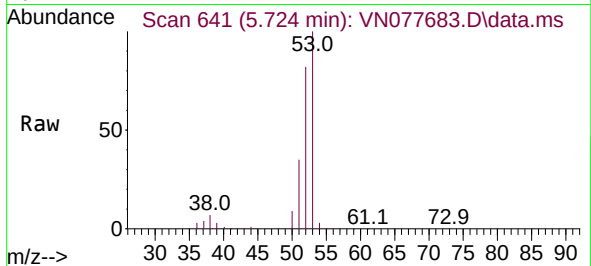
Tgt Ion: 41 Resp: 295857
Ion Ratio Lower Upper
41 100
39 83.0 58.8 88.2
76 44.1 39.1 58.7





#15
Acrylonitrile
Concen: 237.953 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

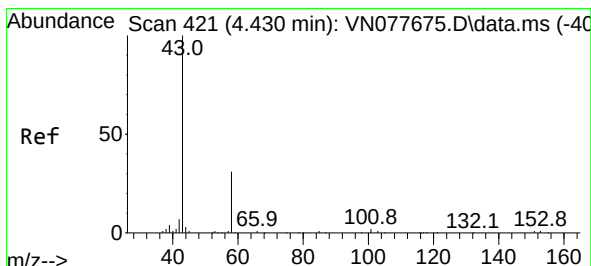
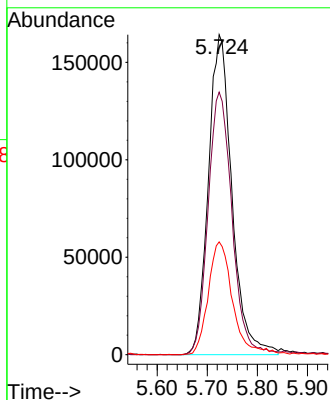
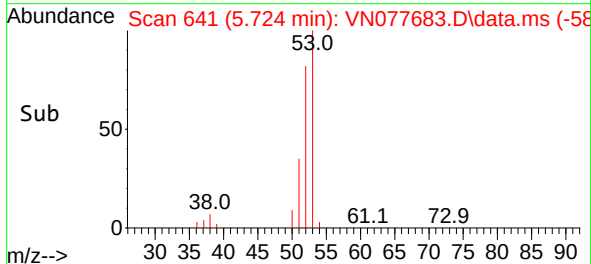
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



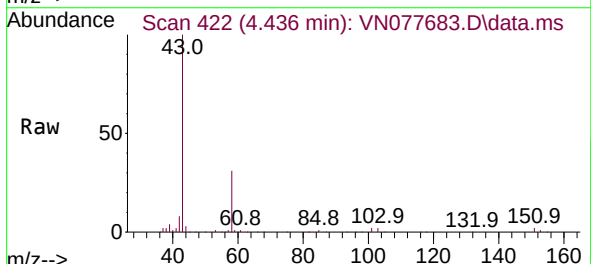
Tgt Ion: 53 Resp: 53711
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 36.5 28.9 43.3

Manual Integrations
APPROVED

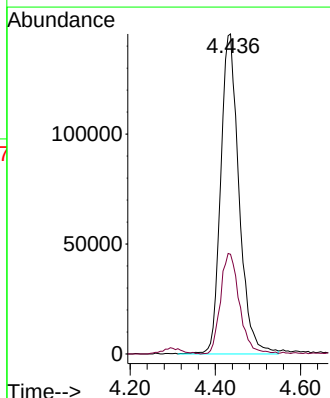
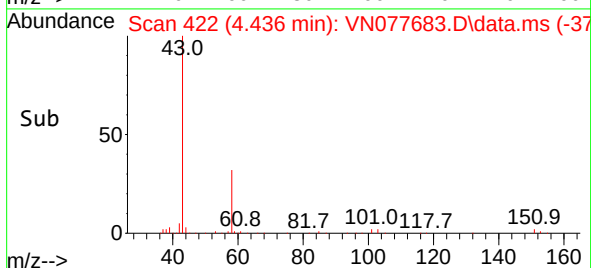
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

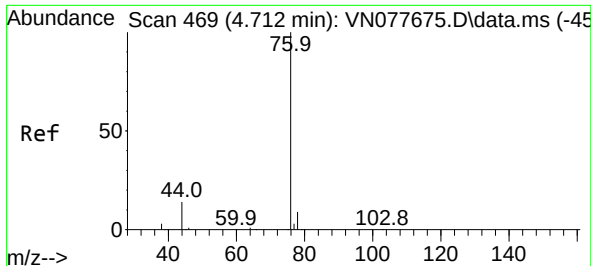


#16
Acetone
Concen: 226.017 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



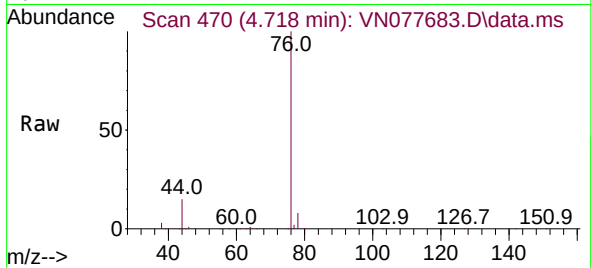
Tgt Ion: 43 Resp: 435319
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0





#17
Carbon Disulfide
Concen: 45.891 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

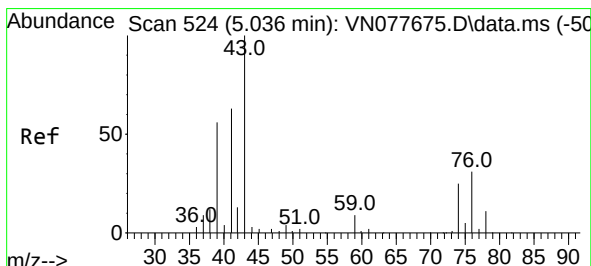
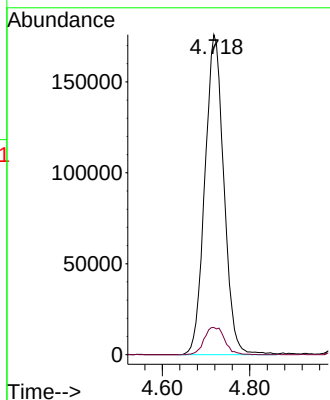
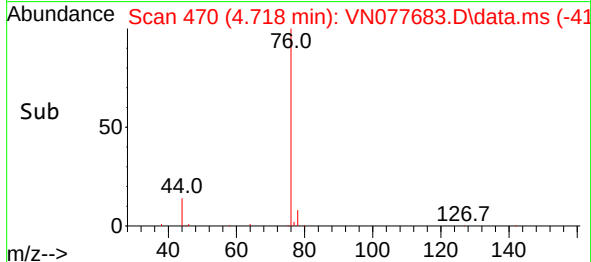
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



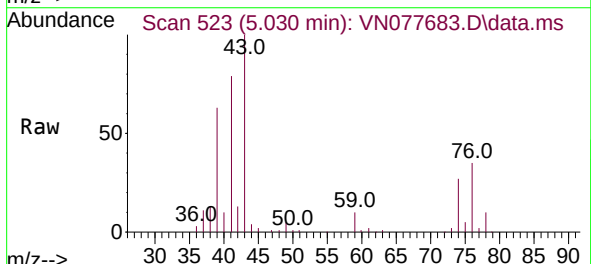
Tgt Ion: 76 Resp: 532109
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
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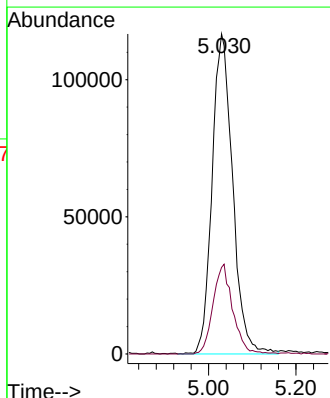
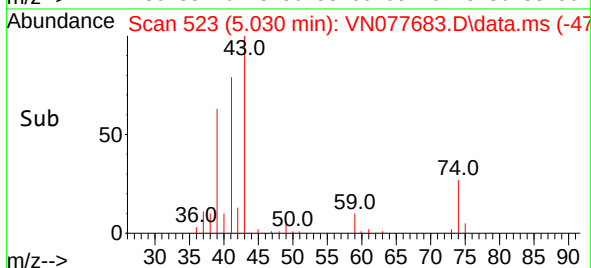
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

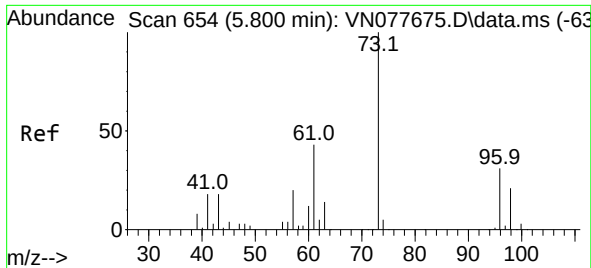


#18
Methyl Acetate
Concen: 47.046 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



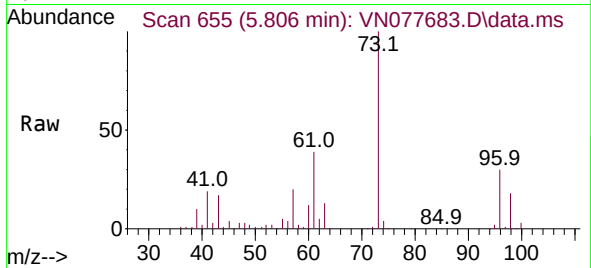
Tgt Ion: 43 Resp: 380136
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.488 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

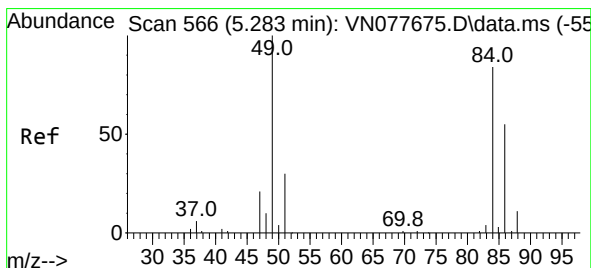
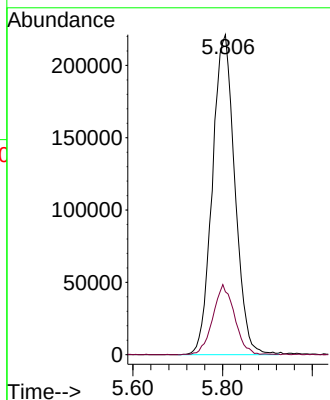
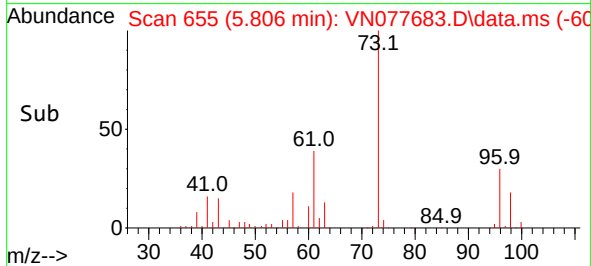
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



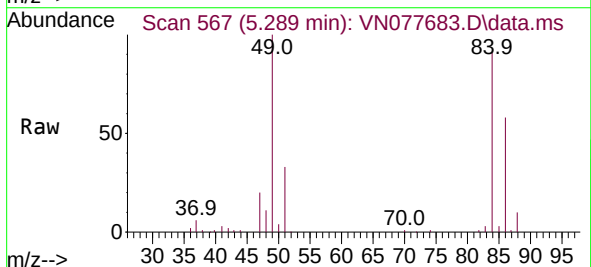
Tgt Ion: 73 Resp: 770840
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4

Manual Integrations
APPROVED

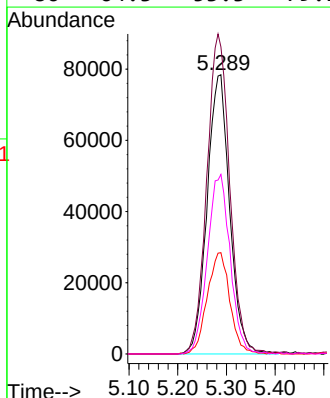
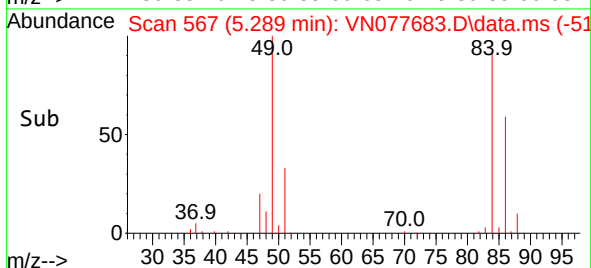
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

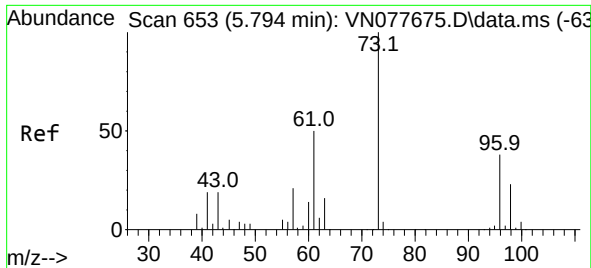


#20
Methylene Chloride
Concen: 50.363 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



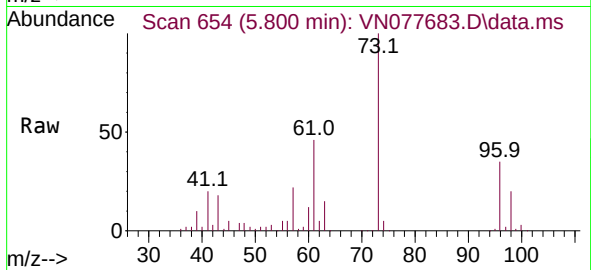
Tgt Ion: 84 Resp: 252402
Ion Ratio Lower Upper
84 100
49 110.0 79.7 119.5
51 36.3 25.2 37.8
86 64.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.588 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

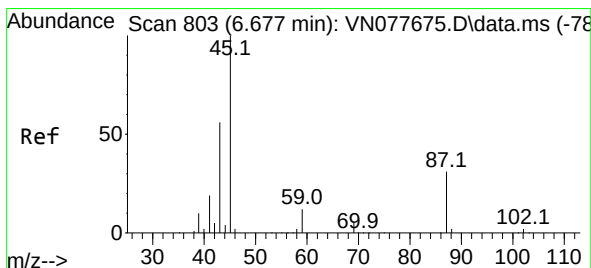
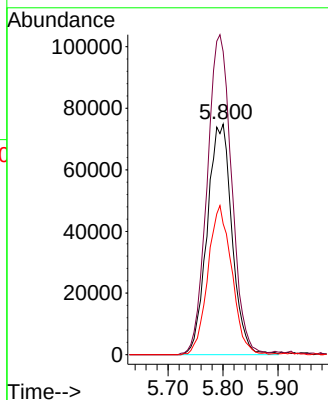
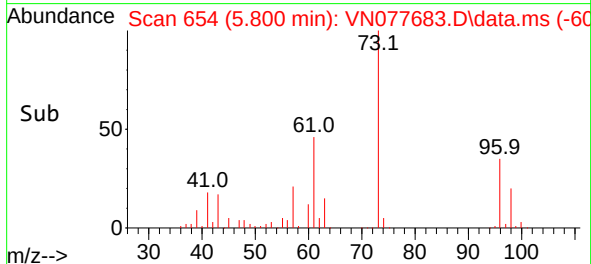
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 23487
Ion Ratio Lower Upper
96 100
61 131.5 90.1 135.1
98 56.8 46.4 69.6

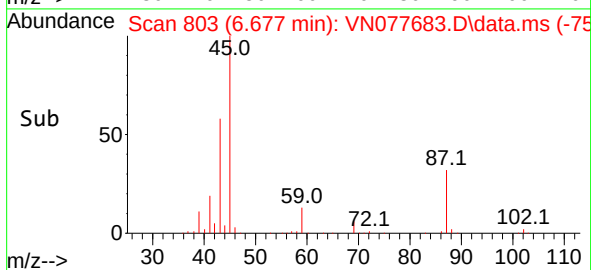
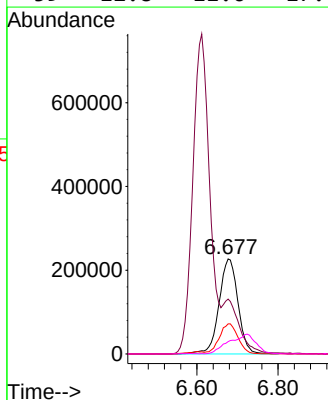
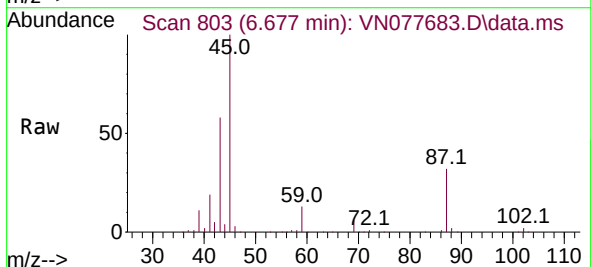
Manual Integrations
APPROVED

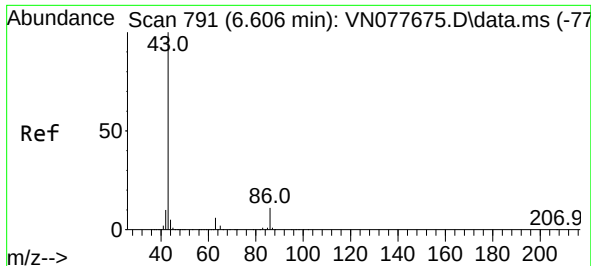
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#22
Diisopropyl ether
Concen: 49.823 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

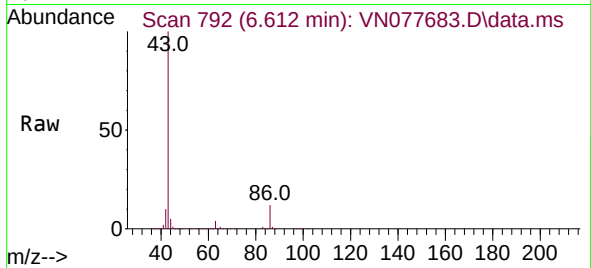
Tgt Ion: 45 Resp: 738279
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 31.4 31.8 47.8#
59 12.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 241.442 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077683.D
 Acq: 16 May 2023 11:09

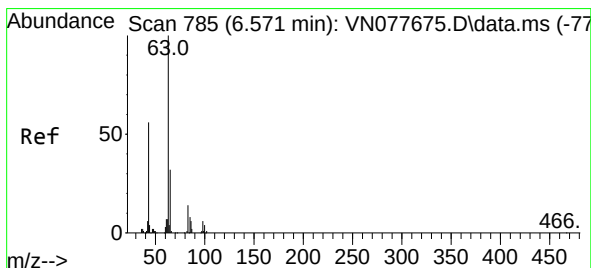
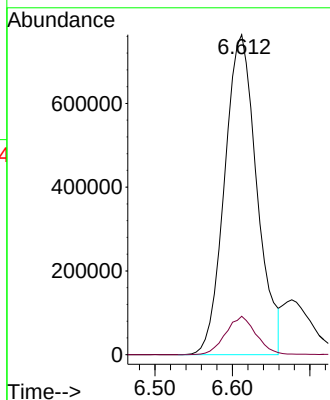
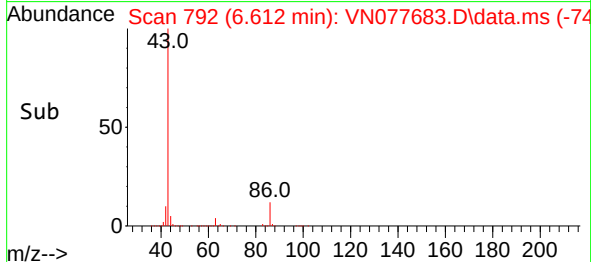
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2216659
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6

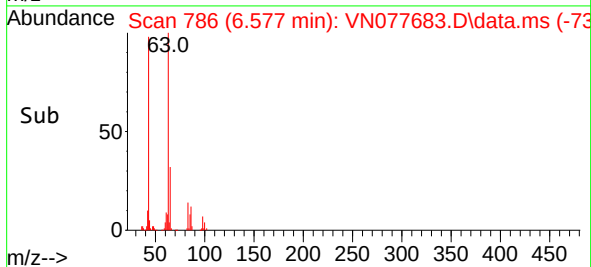
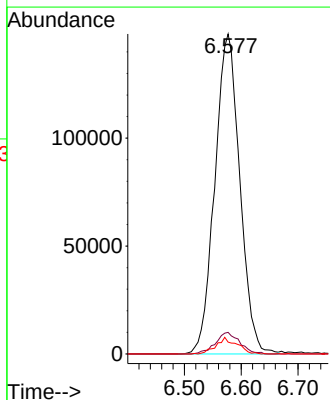
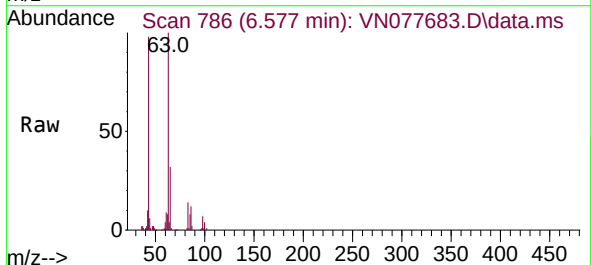
Manual Integrations
 APPROVED

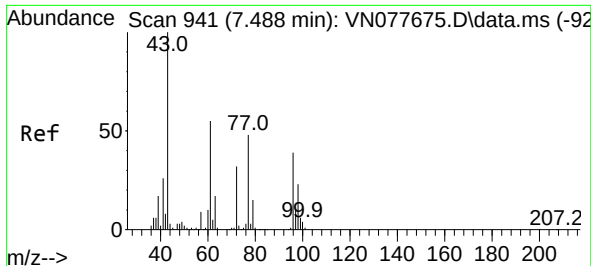
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#24
 1,1-Dichloroethane
 Concen: 49.928 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077683.D
 Acq: 16 May 2023 11:09

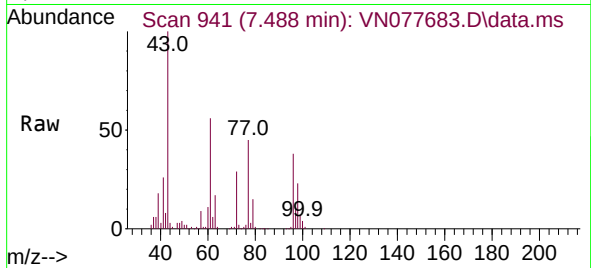
Tgt Ion: 63 Resp: 453251
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 237.496 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

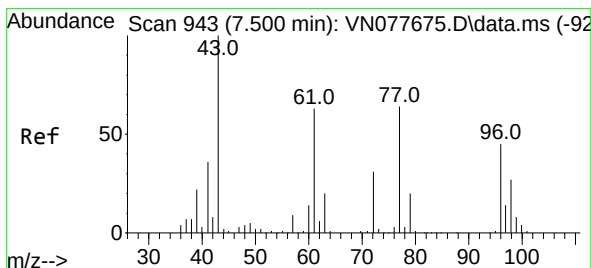
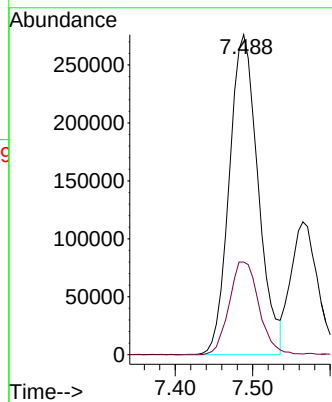
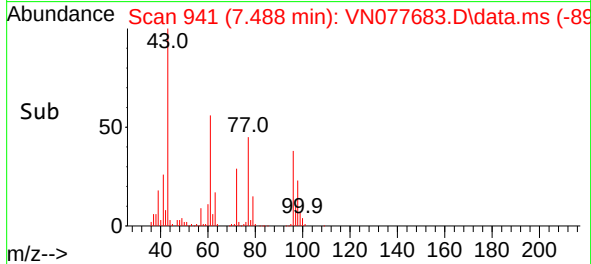
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 71555
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2

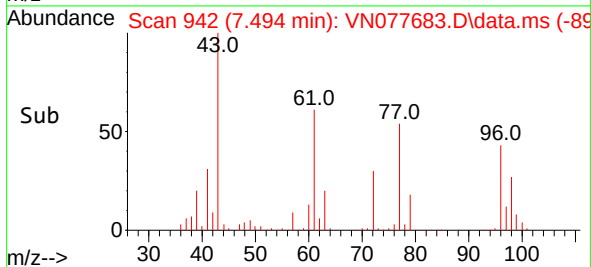
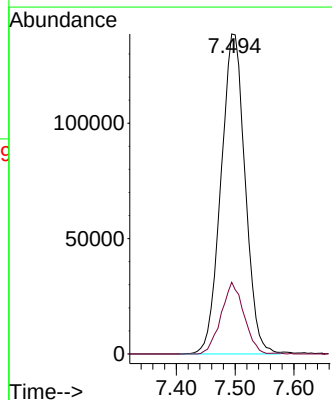
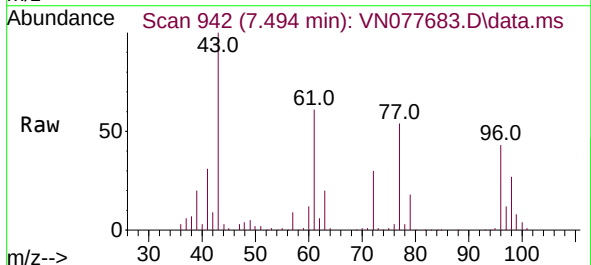
Manual Integrations
APPROVED

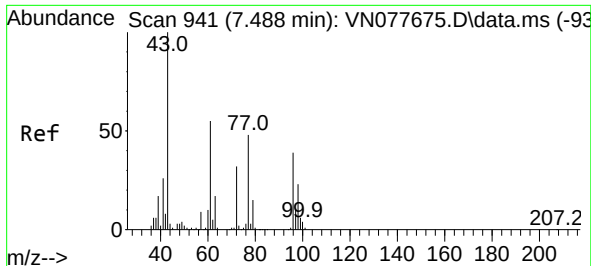
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#26
2,2-Dichloropropane
Concen: 51.315 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion: 77 Resp: 395768
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 49.214 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

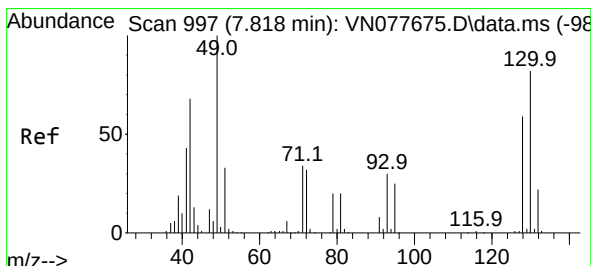
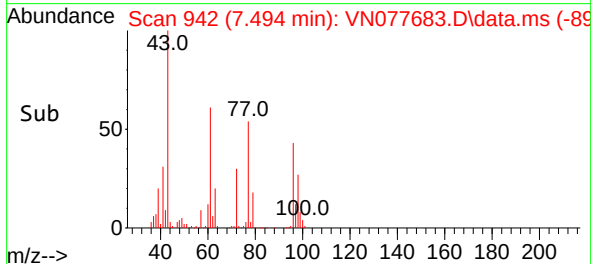
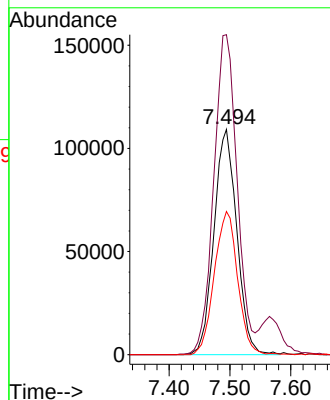
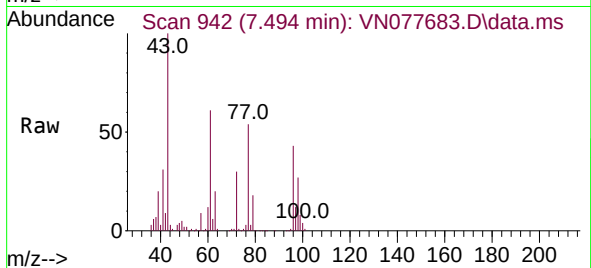
Tgt Ion:	96	Resp:	28525
Ion Ratio	Lower	Upper	
96	100		
61	145.2	0.0	255.2
98	65.0	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#28

Bromochloromethane

Concen: 50.612 ug/l

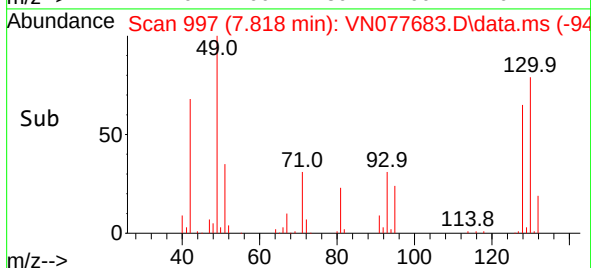
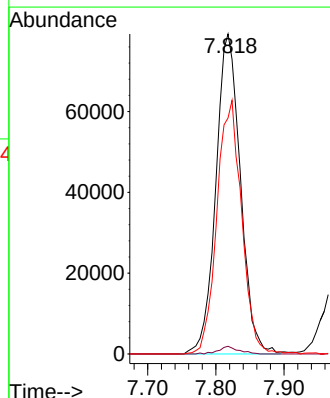
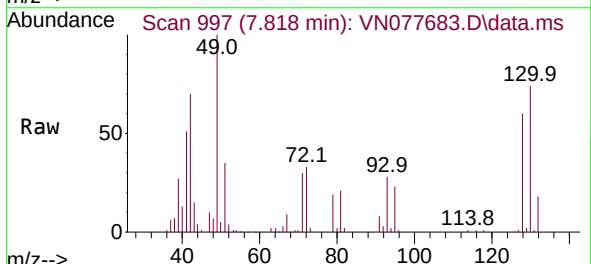
RT: 7.818 min Scan# 997

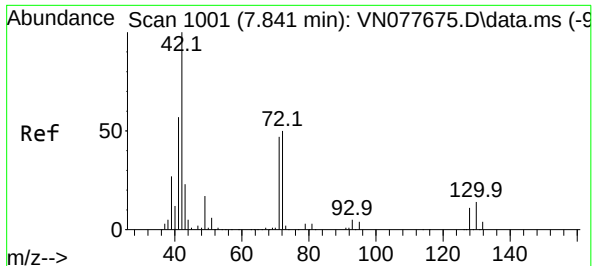
Delta R.T. -0.000 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Tgt Ion:	49	Resp:	198710
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.8
130	79.6	75.3	112.9





#29

Tetrahydrofuran

Concen: 235.396 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

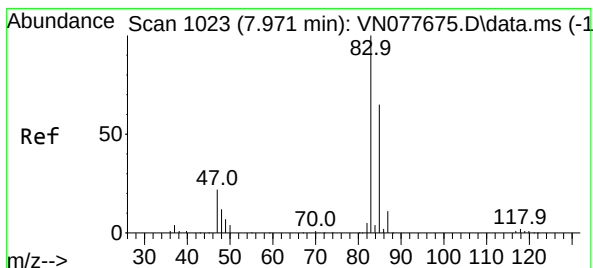
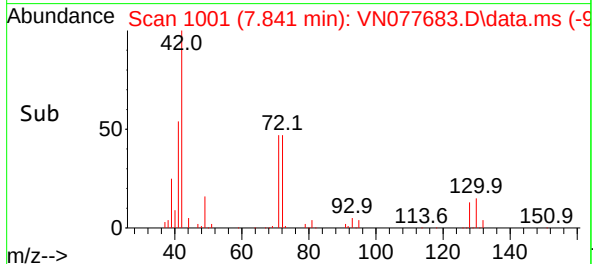
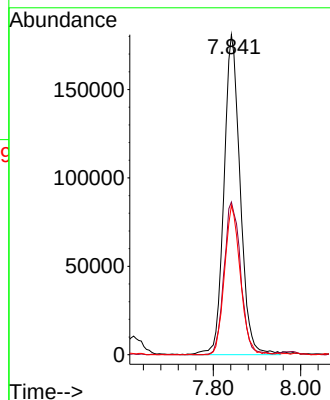
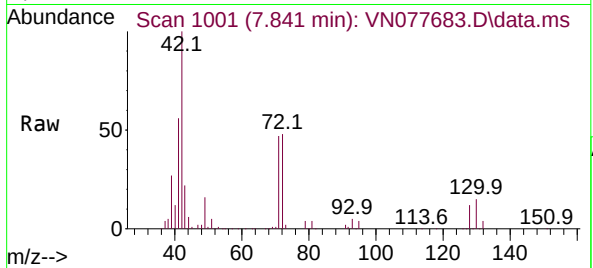
Tgt Ion: 42 Resp: 464397
 Ion Ratio Lower Upper
 42 100
 72 48.9 49.8 74.6
 71 45.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#30

Chloroform

Concen: 48.120 ug/l

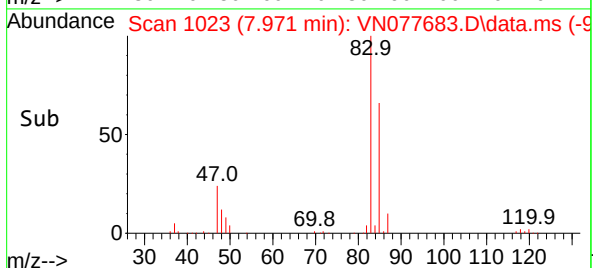
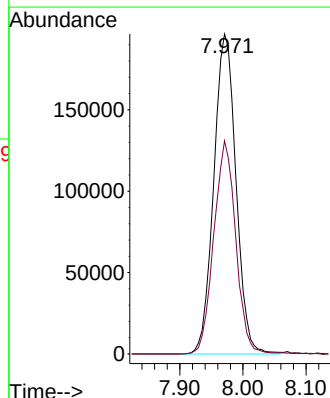
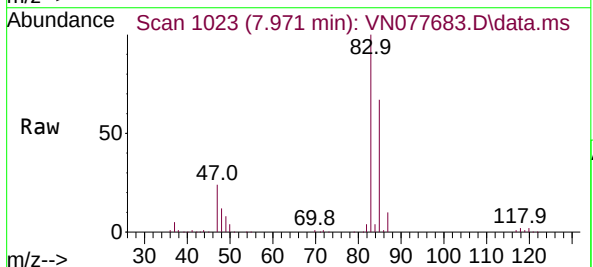
RT: 7.971 min Scan# 1023

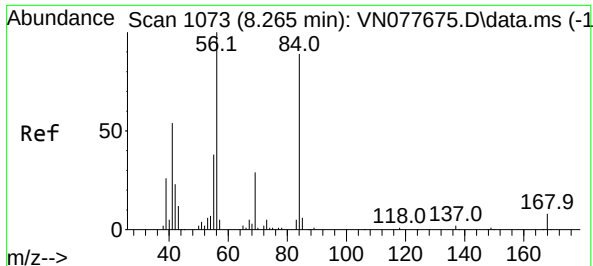
Delta R.T. -0.000 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

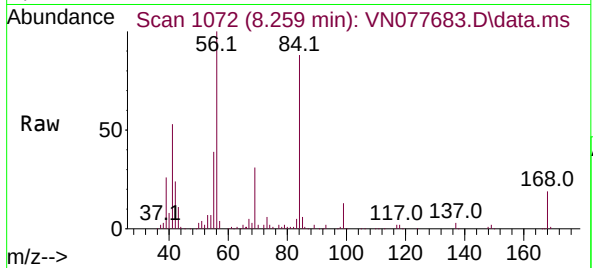
Tgt Ion: 83 Resp: 480543
 Ion Ratio Lower Upper
 83 100
 85 66.6 55.4 83.0





#31
Cyclohexane
Concen: 46.833 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

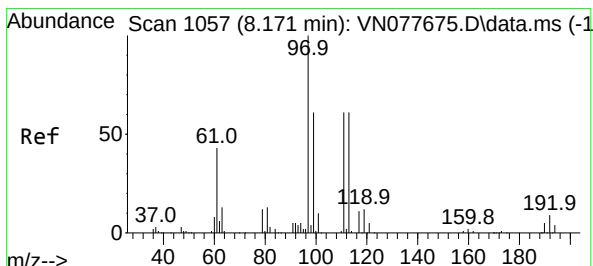
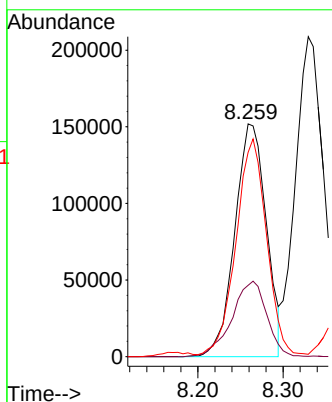
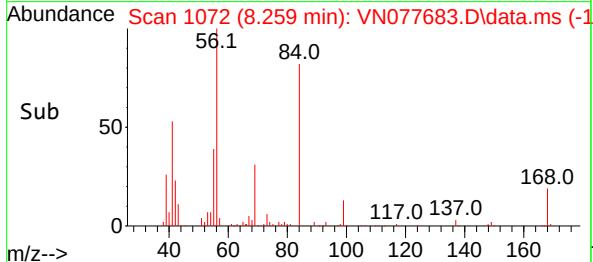
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



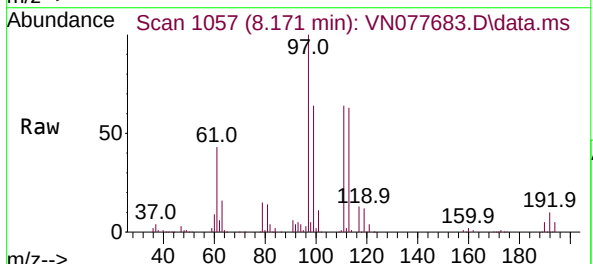
Tgt Ion: 56 Resp: 389670
Ion Ratio Lower Upper
56 100
69 30.6 26.8 40.2
84 85.9 81.8 122.6

Manual Integrations
APPROVED

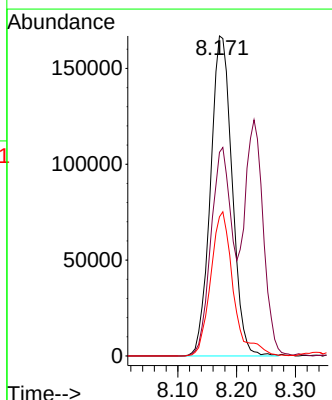
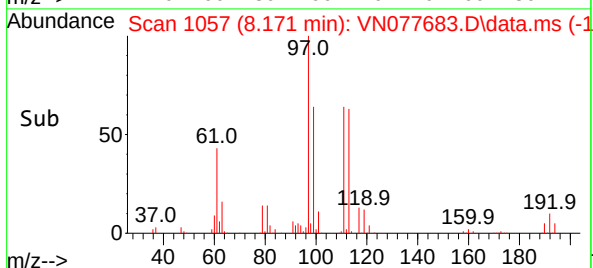
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

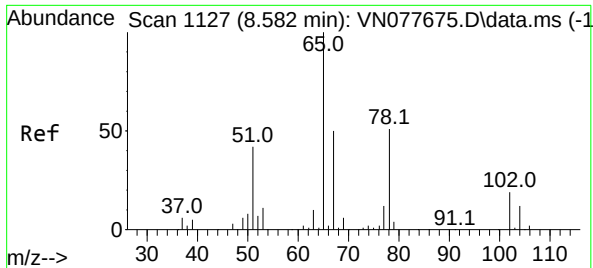


#32
1,1,1-Trichloroethane
Concen: 50.242 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



Tgt Ion: 97 Resp: 426574
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 47.1 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 51.587 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

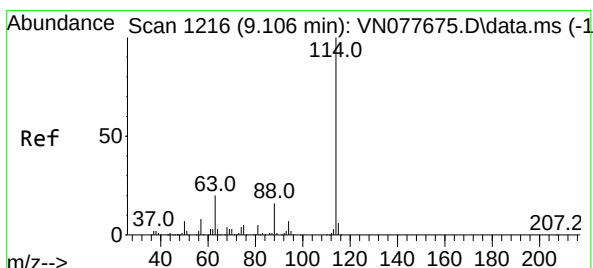
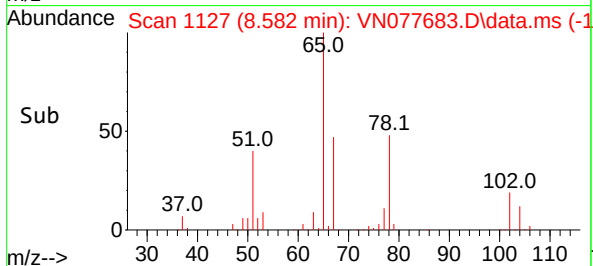
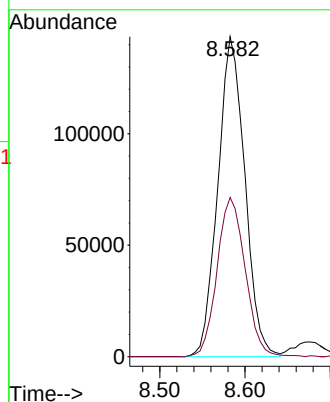
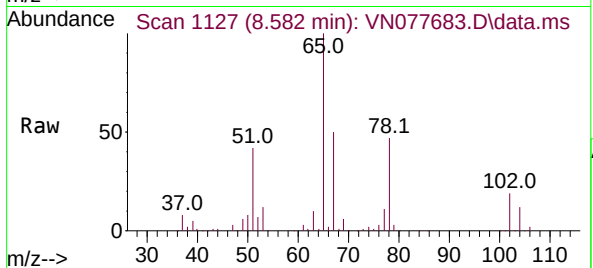
Tgt Ion: 65 Resp: 31581
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

Manual Integrations

APPROVED

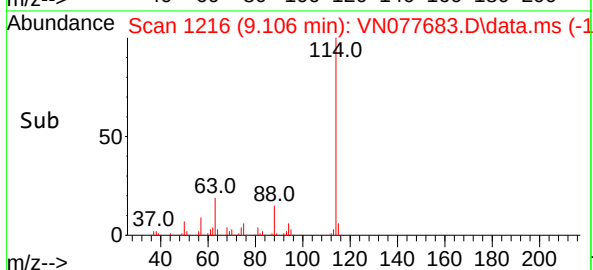
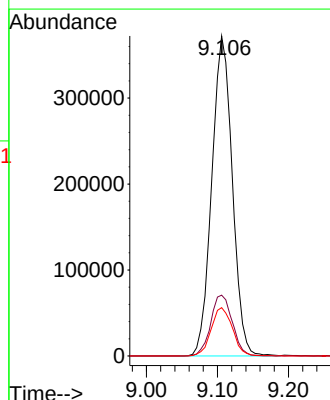
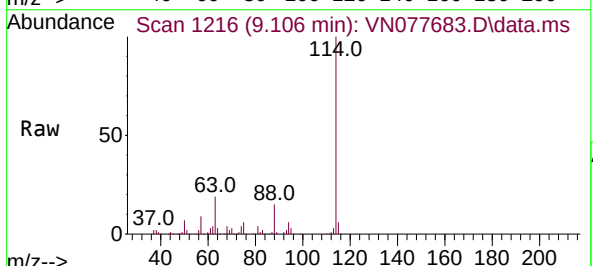
Reviewed By :John Carlone 05/17/2023

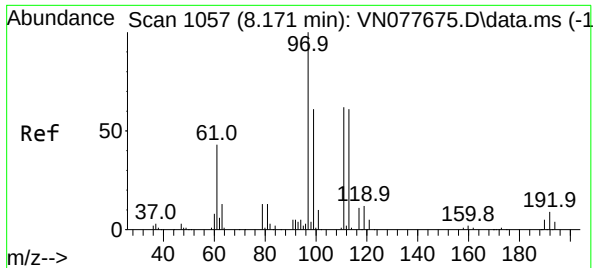
Supervised By :Mahesh Dadoda 05/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

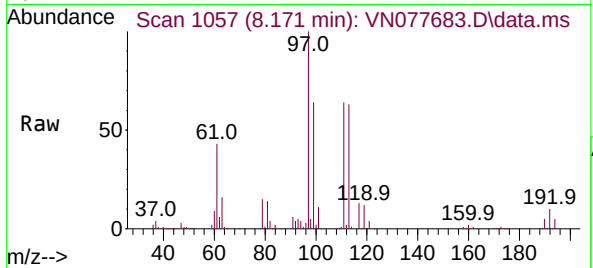
Tgt Ion:114 Resp: 746545
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.129 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

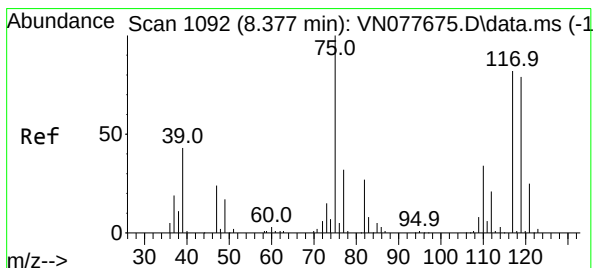
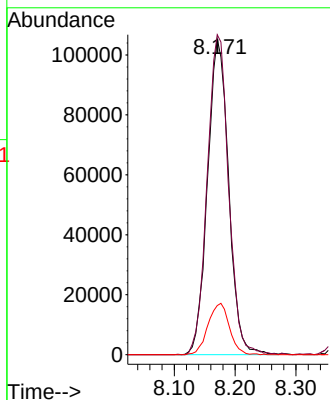
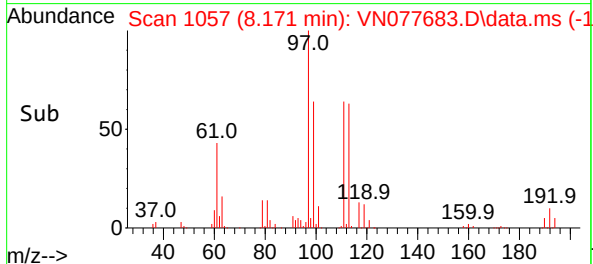
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



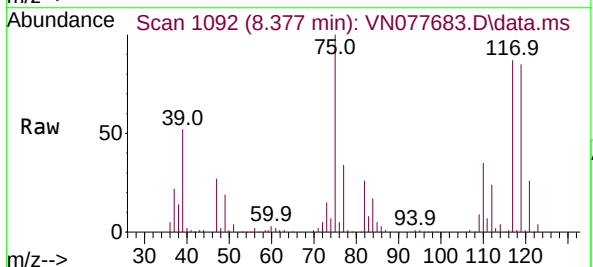
Tgt Ion:113 Resp: 253769
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 16.5 12.7 19.1

Manual Integrations
APPROVED

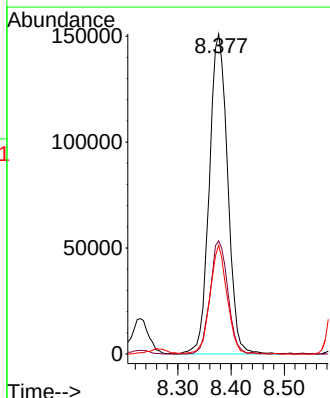
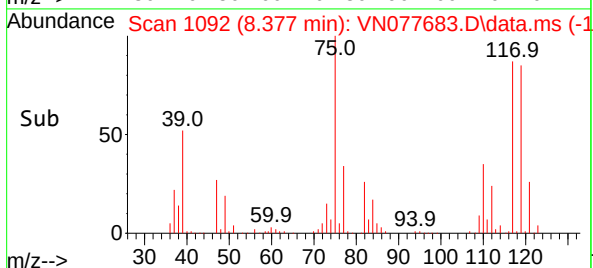
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

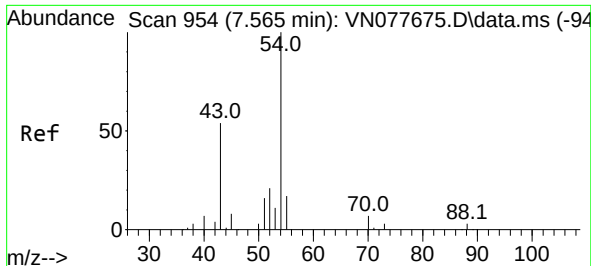


#36
1,1-Dichloropropene
Concen: 50.619 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



Tgt Ion: 75 Resp: 360426
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 31.7 25.0 37.4





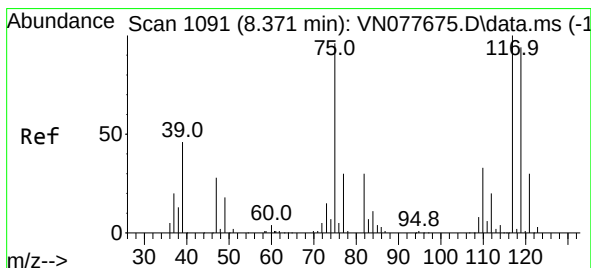
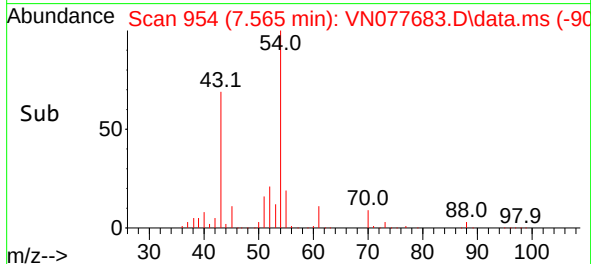
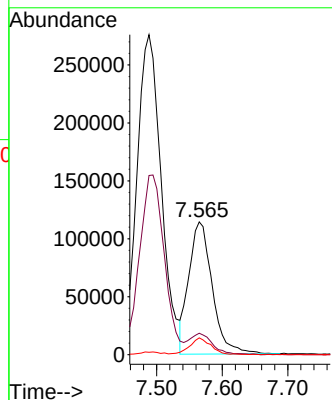
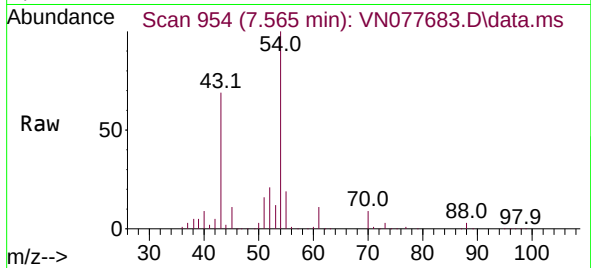
#37
Ethyl Acetate
Concen: 44.707 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 283732
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 11.3 11.3 16.9

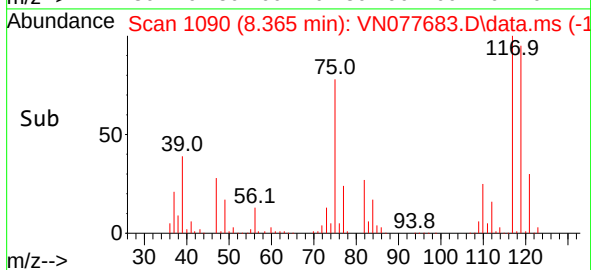
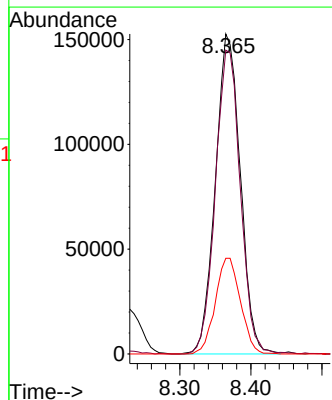
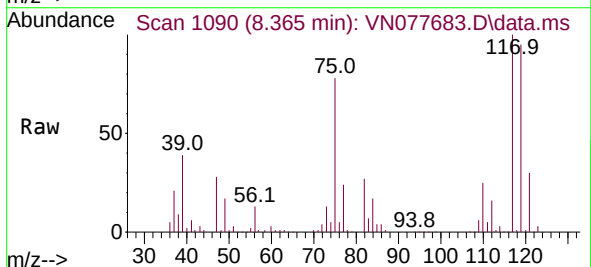
Manual Integrations
APPROVED

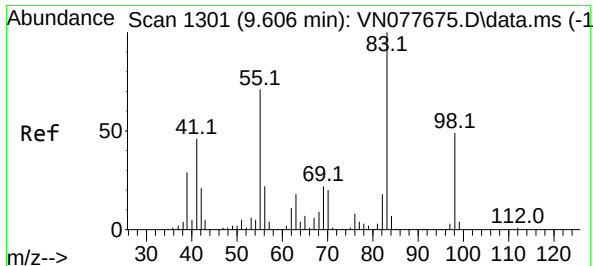
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#38
Carbon Tetrachloride
Concen: 51.769 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion:117 Resp: 372227
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
121 29.9 23.3 34.9





#39

Methylcyclohexane

Concen: 51.210 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 446400

Ion Ratio Lower Upper

83 100

55 71.5 49.1 73.7

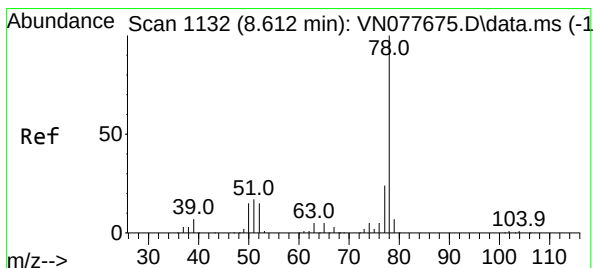
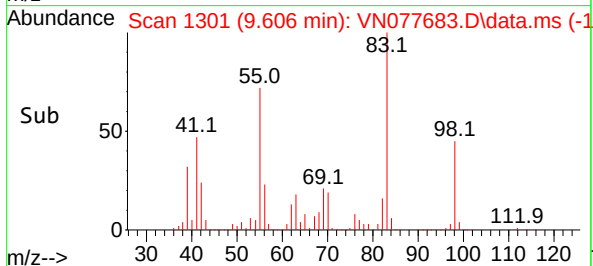
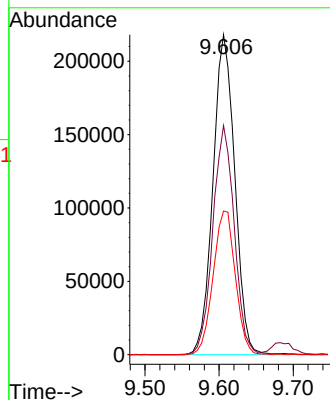
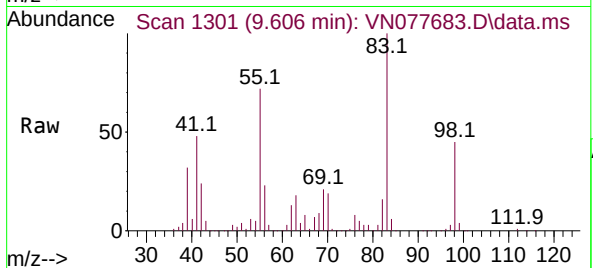
98 44.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#40

Benzene

Concen: 50.804 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077683.D

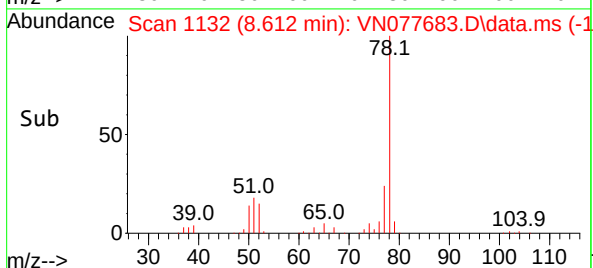
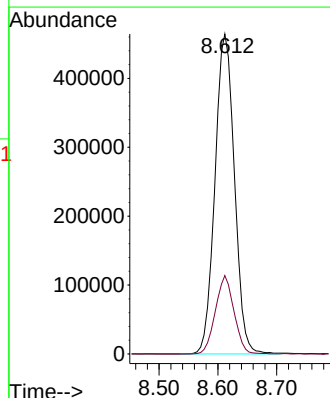
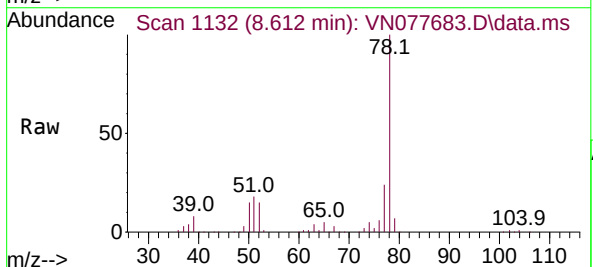
Acq: 16 May 2023 11:09

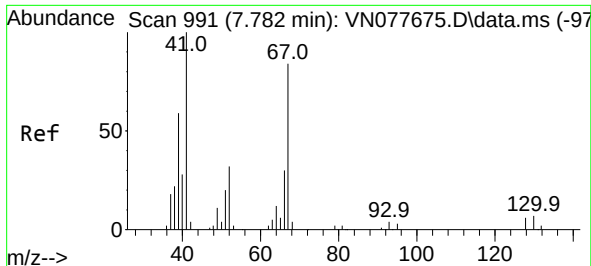
Tgt Ion: 78 Resp: 1067489

Ion Ratio Lower Upper

78 100

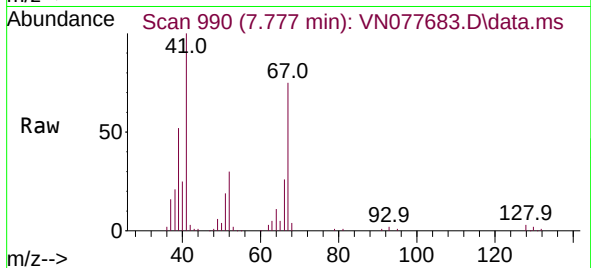
77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 49.854 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

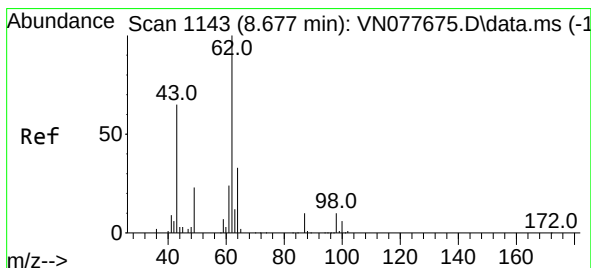
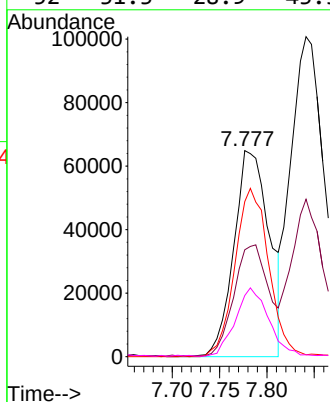
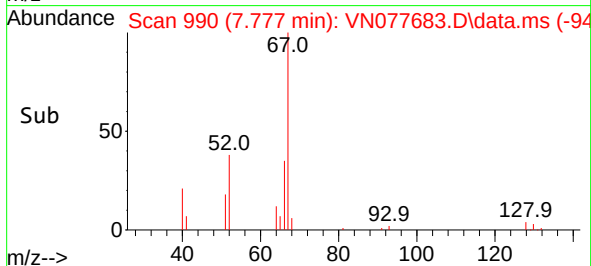
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 168495
Ion Ratio Lower Upper
41 100
39 54.1 42.6 64.0
67 78.7 77.5 116.3
52 31.3 28.9 43.3

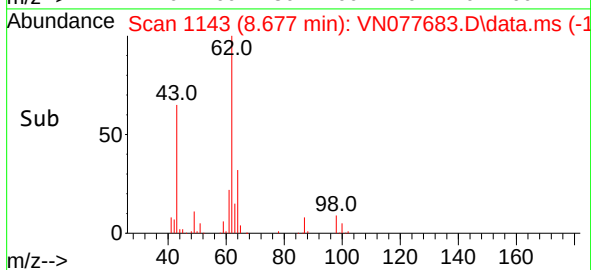
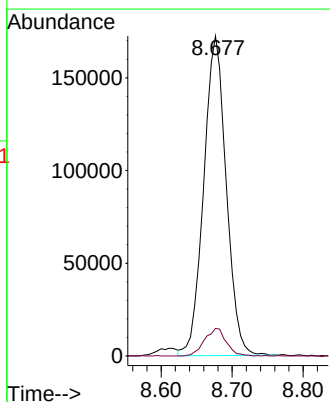
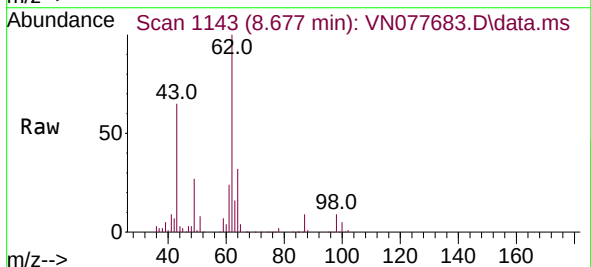
Manual Integrations
APPROVED

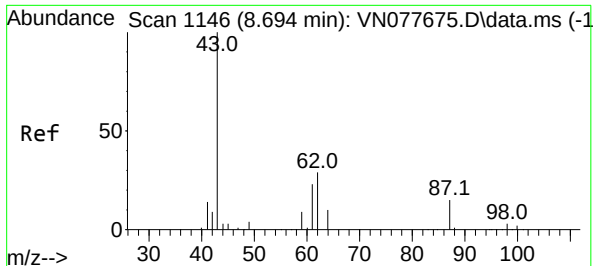
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#42
1,2-Dichloroethane
Concen: 49.723 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion: 62 Resp: 379525
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 48.255 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

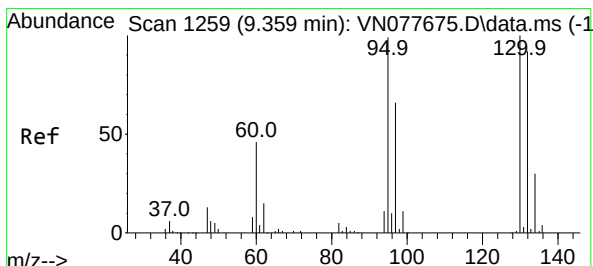
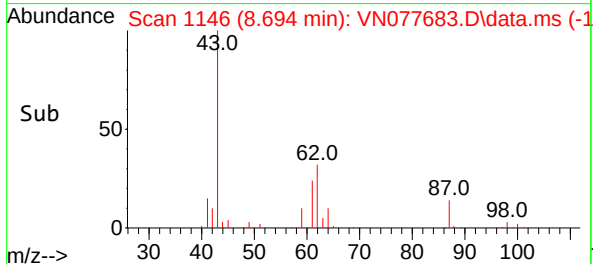
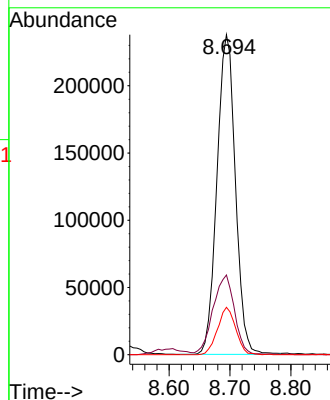
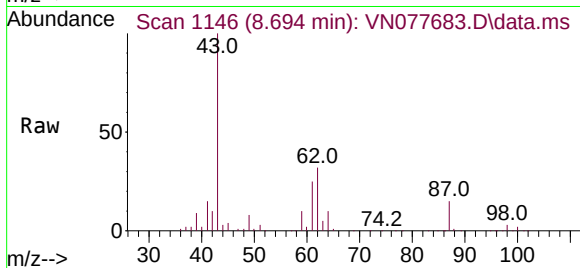
Tgt Ion: 43 Resp: 500228
 Ion Ratio Lower Upper
 43 100
 61 28.6 24.7 37.1
 87 14.6 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#44

Trichloroethene

Concen: 49.553 ug/l

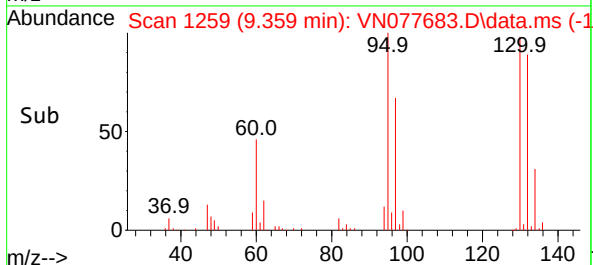
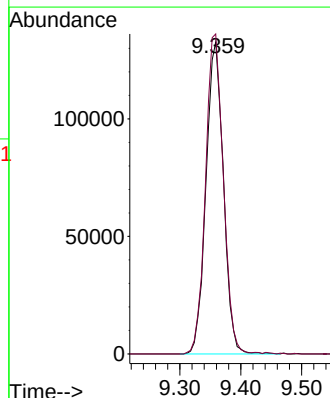
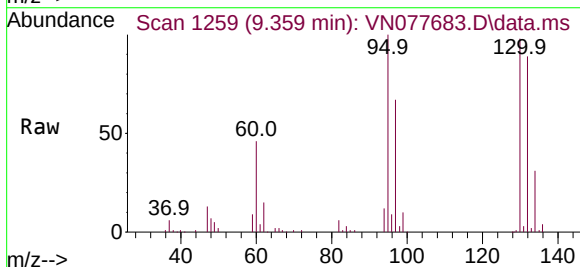
RT: 9.359 min Scan# 1259

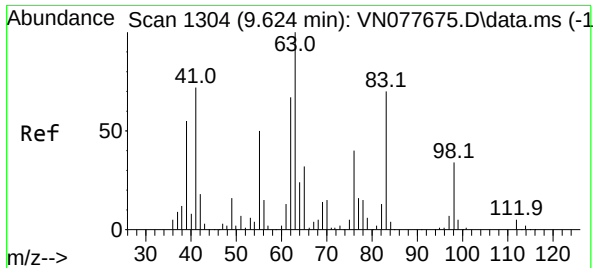
Delta R.T. -0.000 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Tgt Ion:130 Resp: 263645
 Ion Ratio Lower Upper
 130 100
 95 102.6 0.0 204.6





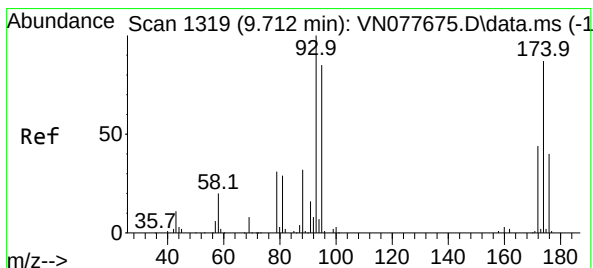
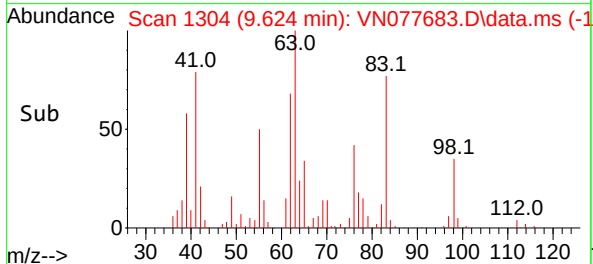
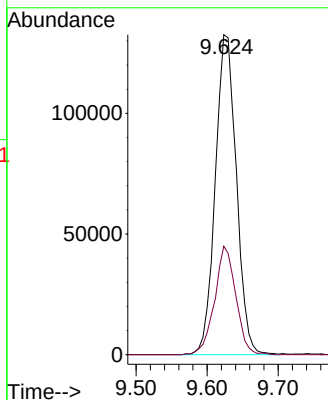
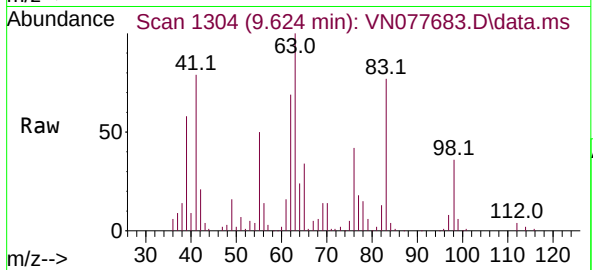
#45
1,2-Dichloropropane
Concen: 50.971 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 27318
Ion Ratio Lower Upper
63 100
65 33.9 23.9 35.9

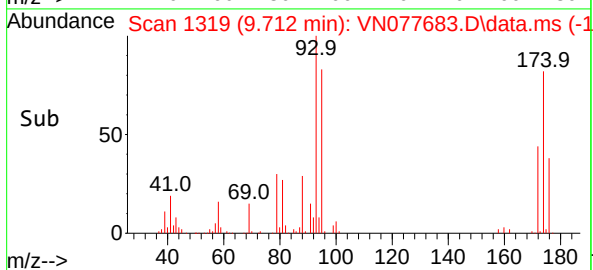
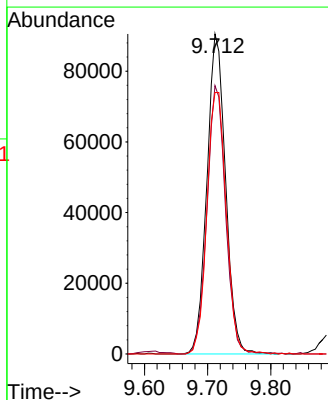
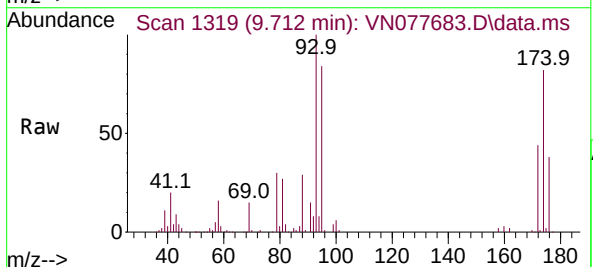
Manual Integrations
APPROVED

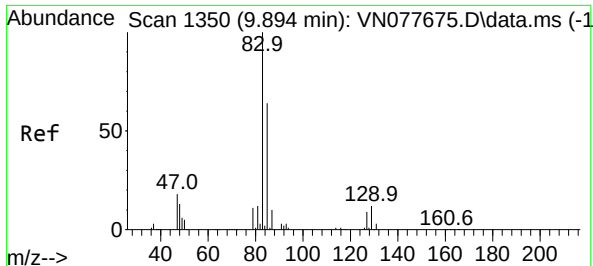
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#46
Dibromomethane
Concen: 48.403 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion: 93 Resp: 185632
Ion Ratio Lower Upper
93 100
95 83.7 63.8 95.8
174 85.0 65.6 98.4





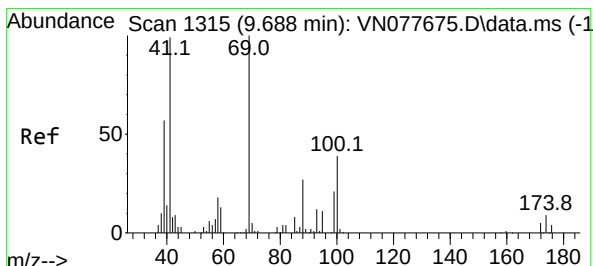
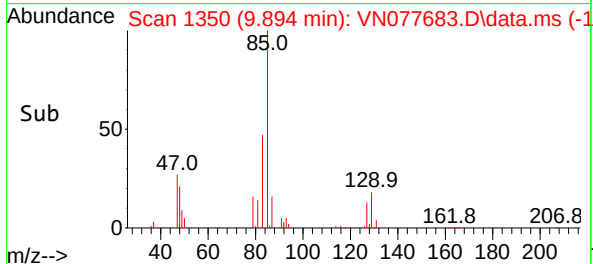
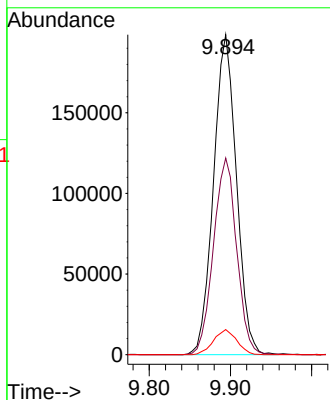
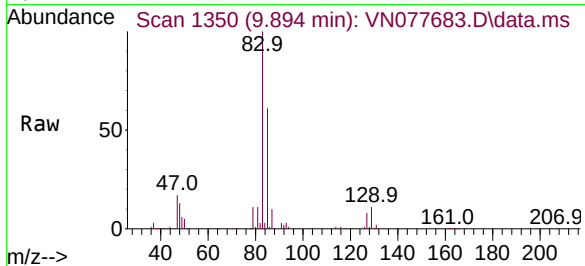
#47
Bromodichloromethane
Concen: 52.967 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 38890
Ion Ratio Lower Upper
83 100
85 61.5 49.6 74.4
127 7.8 7.0 10.6

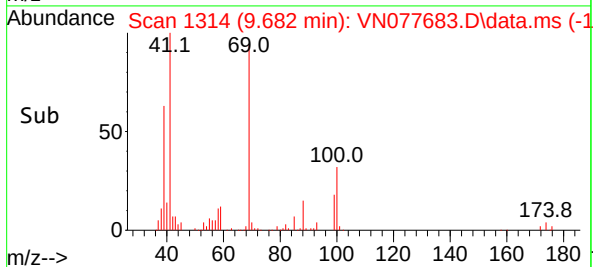
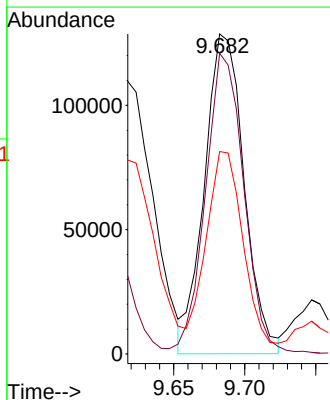
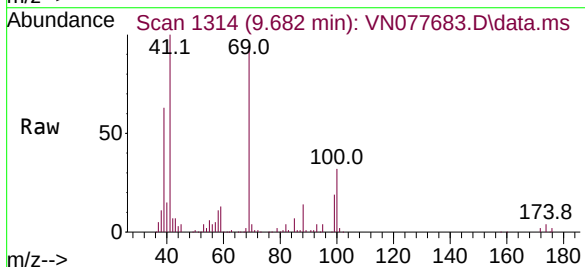
Manual Integrations
APPROVED

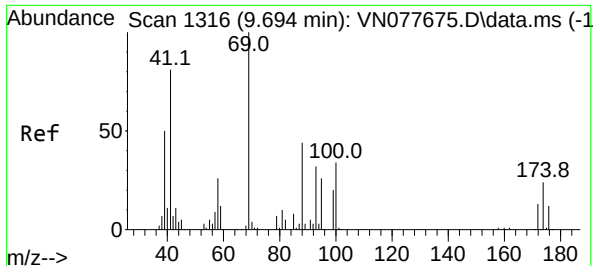
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#48
Methyl methacrylate
Concen: 50.757 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion: 41 Resp: 249462
Ion Ratio Lower Upper
41 100
69 90.6 90.4 135.6
39 60.0 54.6 81.8





#49

1,4-Dioxane

Concen: 904.354 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

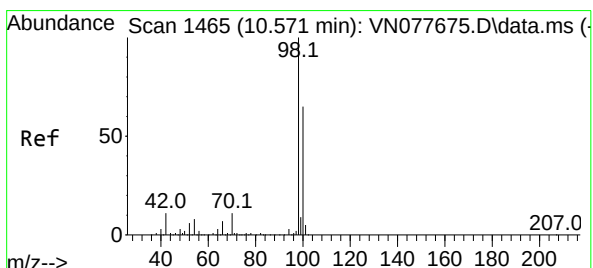
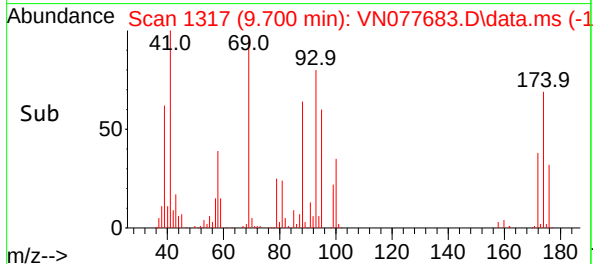
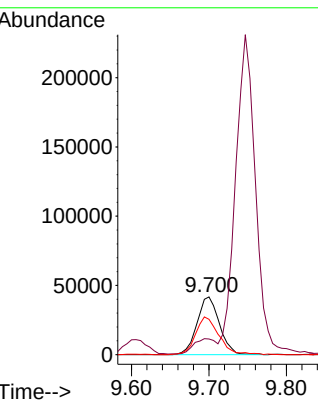
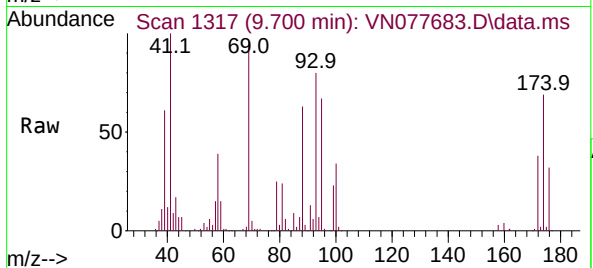
Tgt Ion: 88 Resp: 83950
 Ion Ratio Lower Upper
 88 100
 43 26.8 17.0 25.6
 58 68.7 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#50

Toluene-d8

Concen: 52.749 ug/l

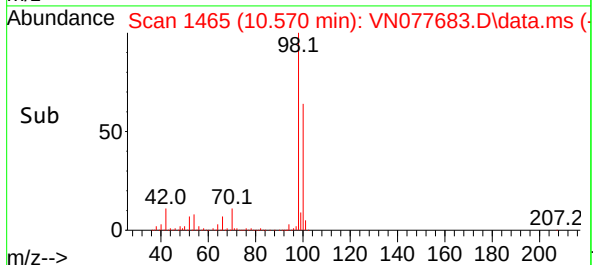
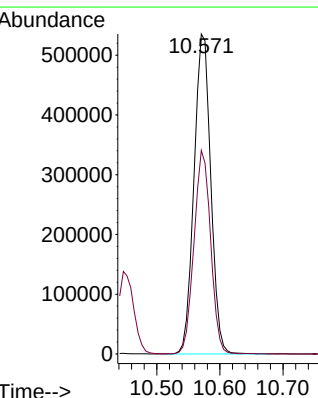
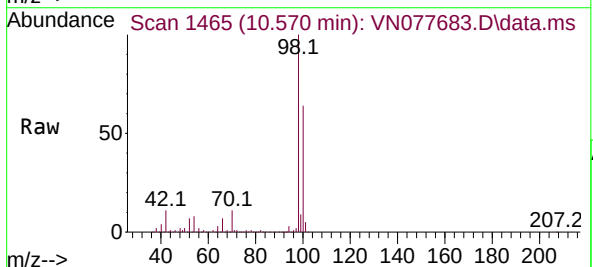
RT: 10.570 min Scan# 1465

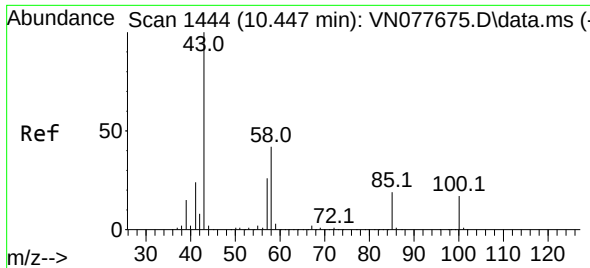
Delta R.T. -0.001 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Tgt Ion: 98 Resp: 988392
 Ion Ratio Lower Upper
 98 100
 100 63.0 52.0 78.0





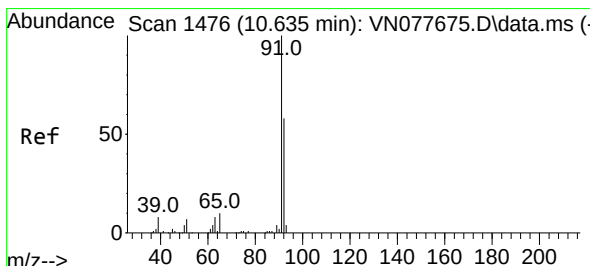
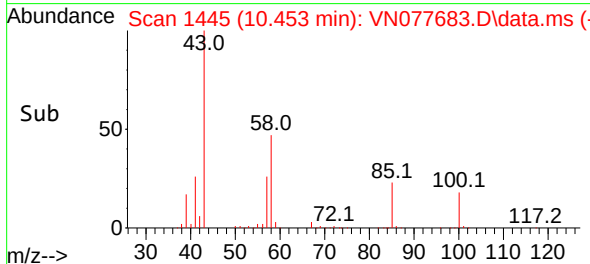
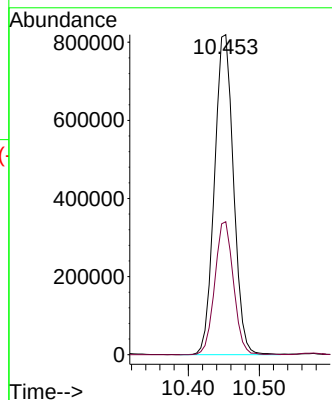
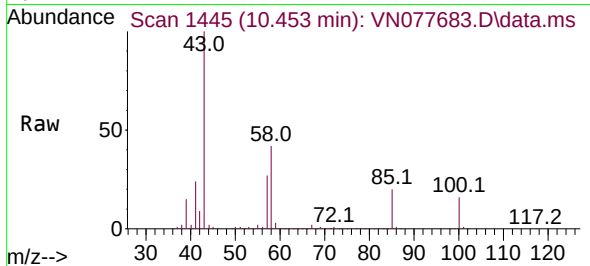
#51
4-Methyl-2-Pentanone
Concen: 246.711 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 152020
Ion Ratio Lower Upper
43 100
58 40.9 36.6 54.8

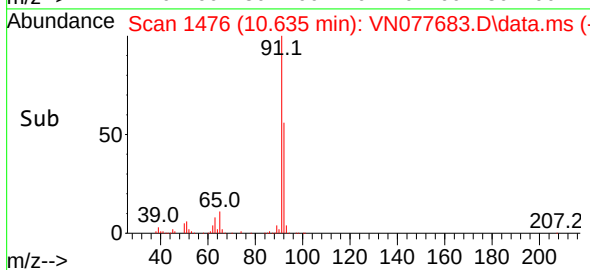
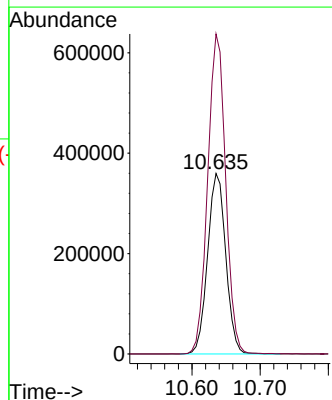
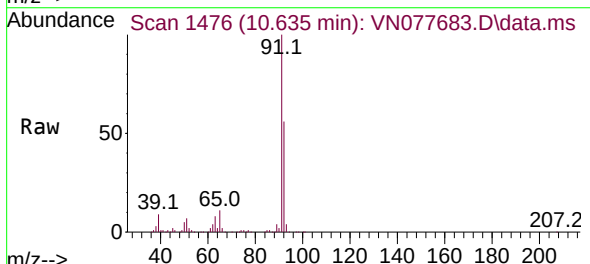
Manual Integrations
APPROVED

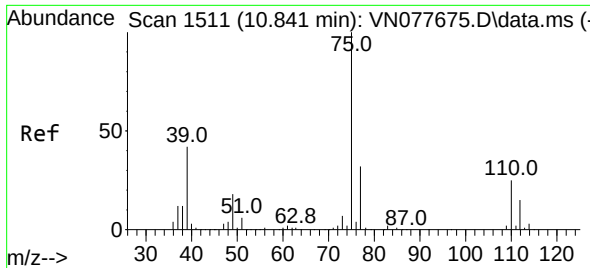
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Toluene
Concen: 51.000 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

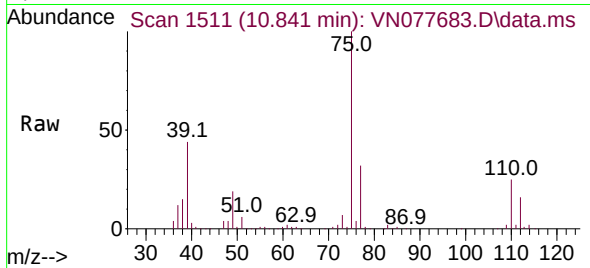
Tgt Ion: 92 Resp: 667129
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.924 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

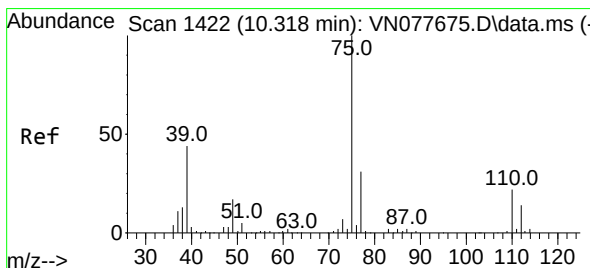
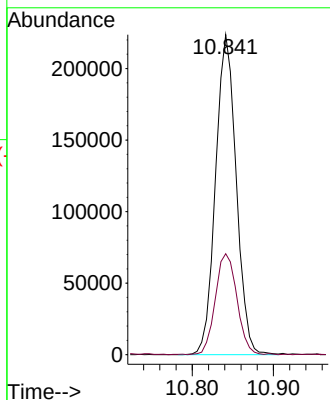
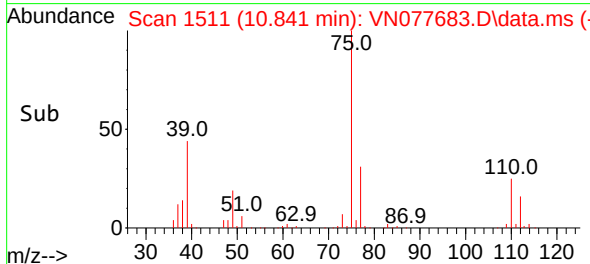
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



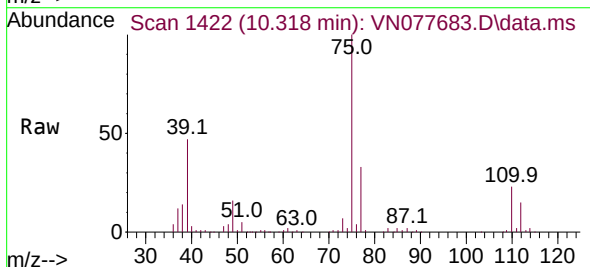
Tgt Ion: 75 Resp: 395950
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

Manual Integrations
APPROVED

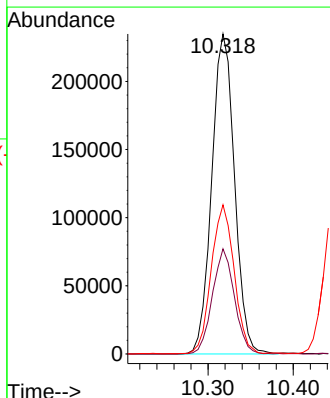
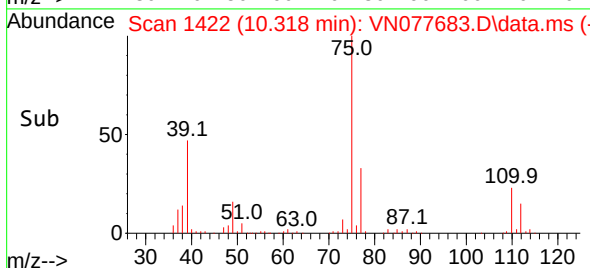
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

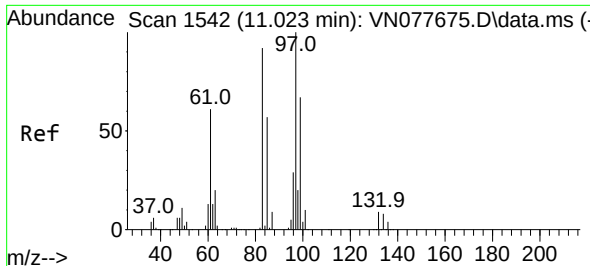


#54
cis-1,3-Dichloropropene
Concen: 50.859 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



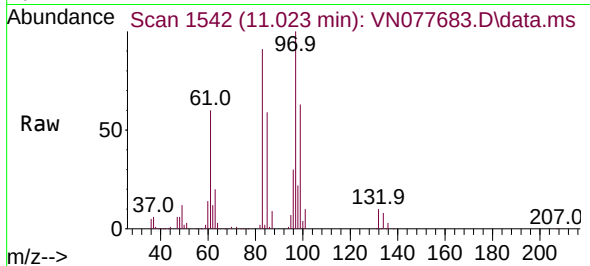
Tgt Ion: 75 Resp: 435785
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
39 46.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.094 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

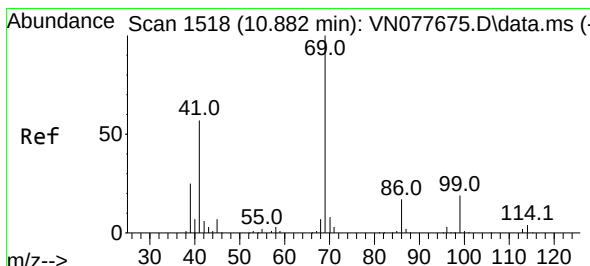
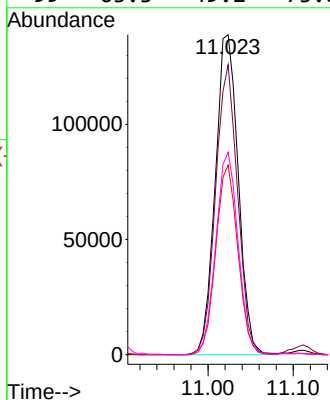
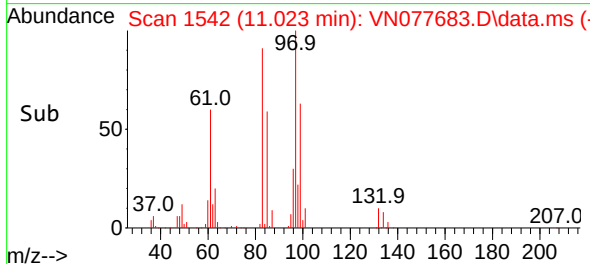
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	260189
Ion Ratio	100	Lower	Upper
97	100		
83	90.6	65.1	97.7
85	59.2	43.4	65.2
99	63.3	49.2	73.8

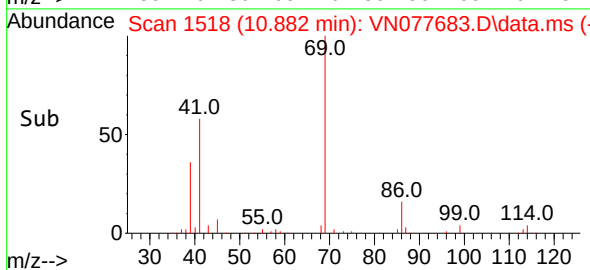
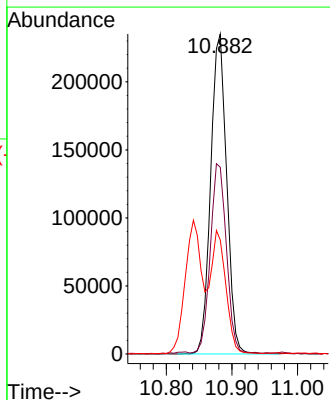
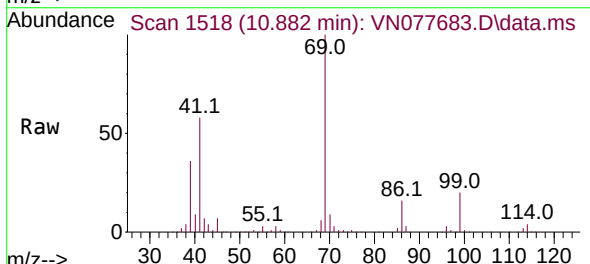
Manual Integrations
APPROVED

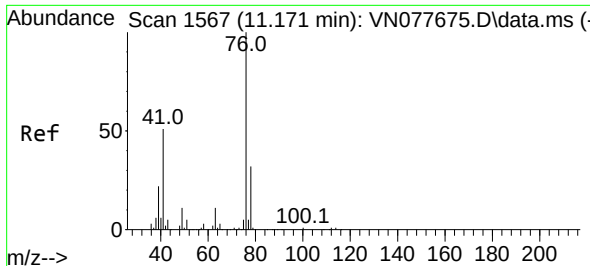
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#56
Ethyl methacrylate
Concen: 50.693 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion:	69	Resp:	398103
Ion Ratio	100	Lower	Upper
69	100		
41	59.8	39.6	59.4
39	36.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 50.155 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 44658

Ion Ratio Lower Upper

76 100

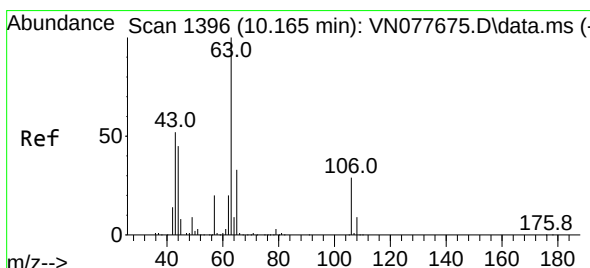
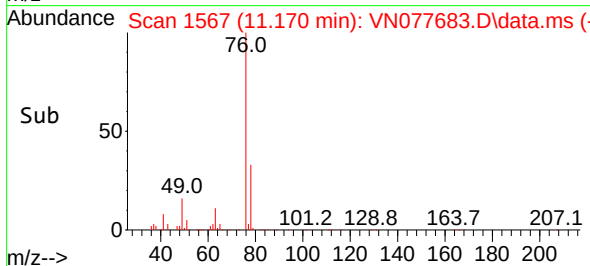
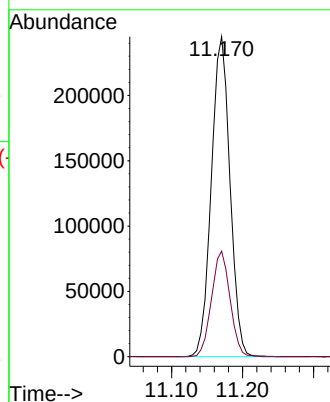
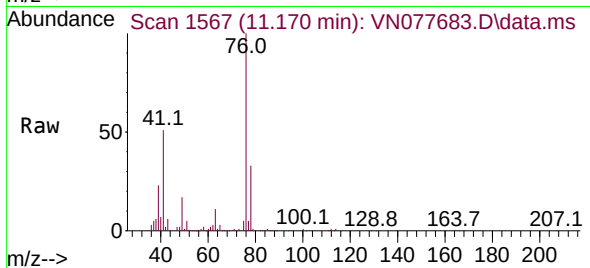
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 246.325 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077683.D

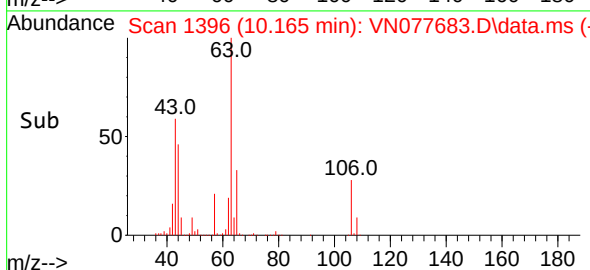
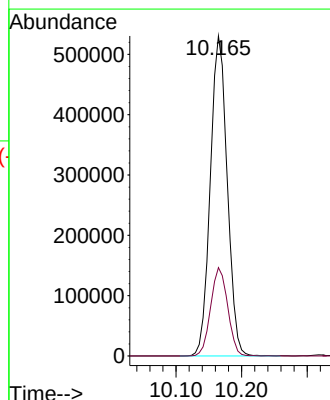
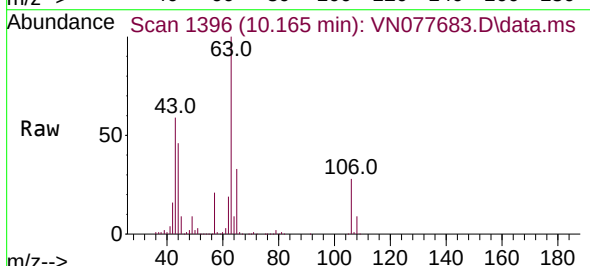
Acq: 16 May 2023 11:09

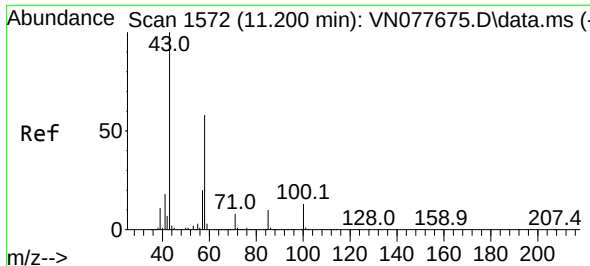
Tgt Ion: 63 Resp: 951678

Ion Ratio Lower Upper

63 100

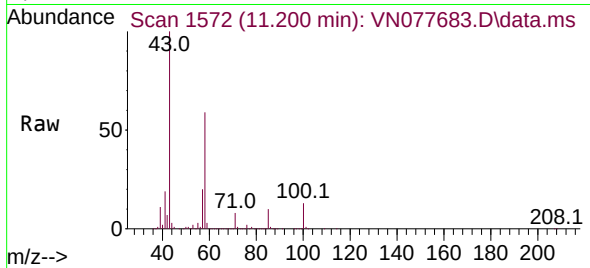
106 27.6 26.2 39.4





#59
2-Hexanone
Concen: 240.238 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

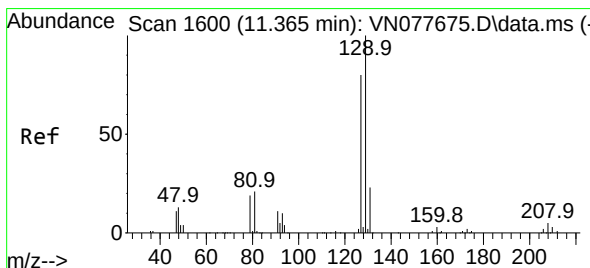
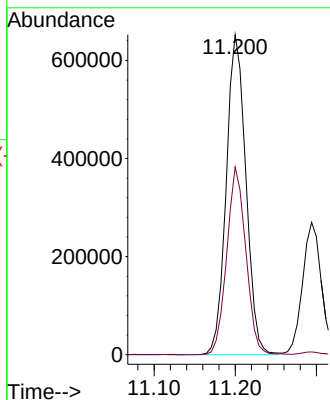
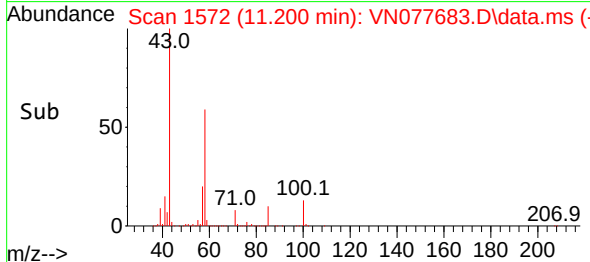
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1094930
Ion Ratio Lower Upper
43 100
58 57.1 31.7 95.1

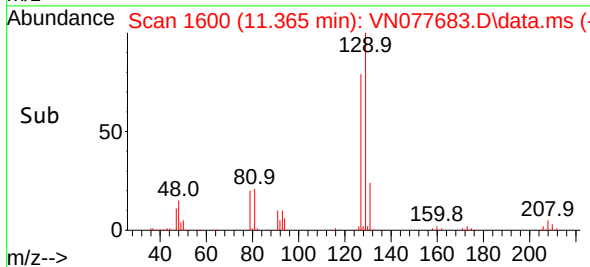
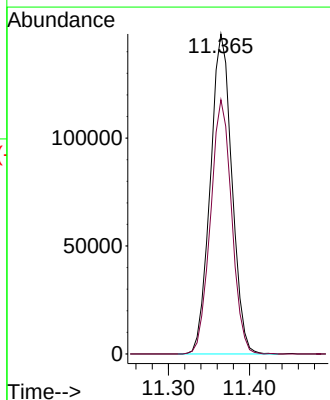
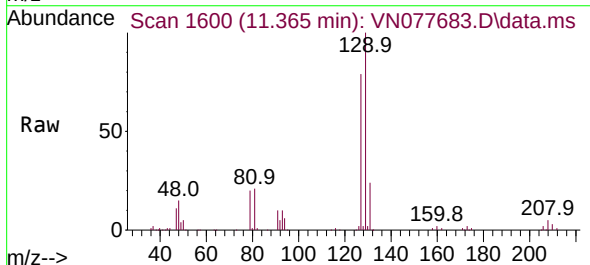
Manual Integrations
APPROVED

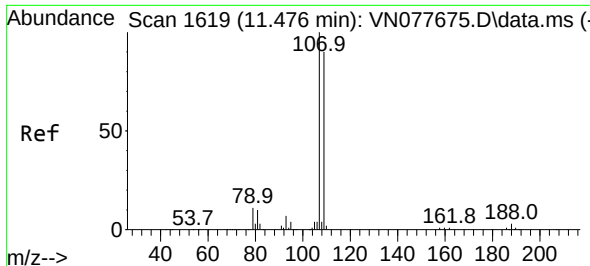
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#60
Dibromochloromethane
Concen: 51.163 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

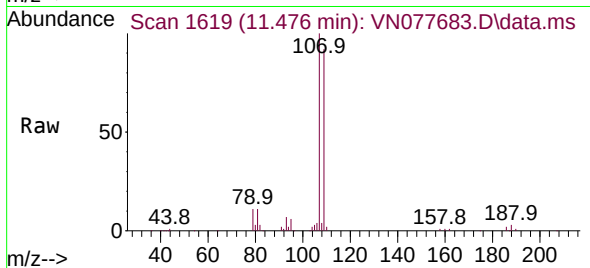
Tgt Ion:129 Resp: 274335
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.012 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

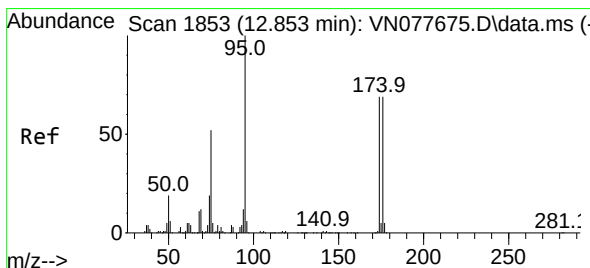
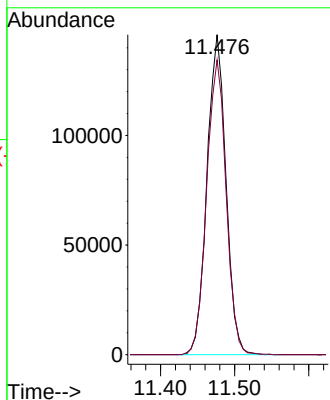
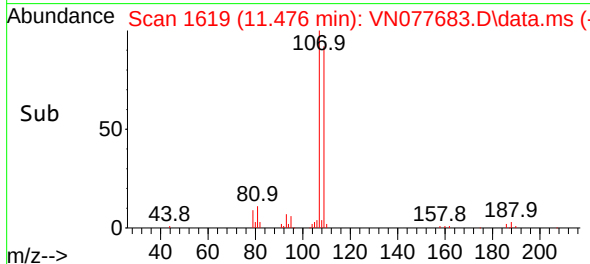
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 25914
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

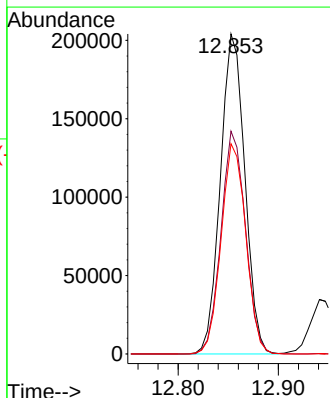
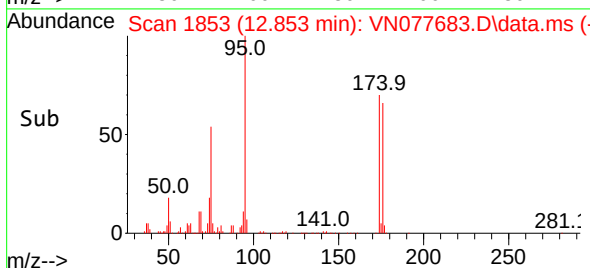
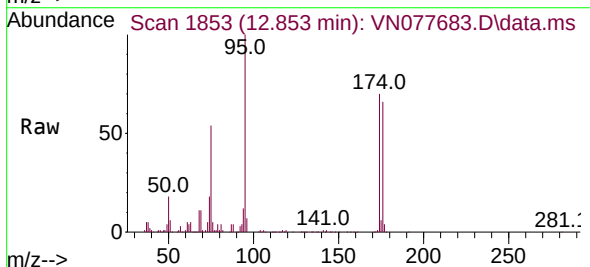
Manual Integrations
APPROVED

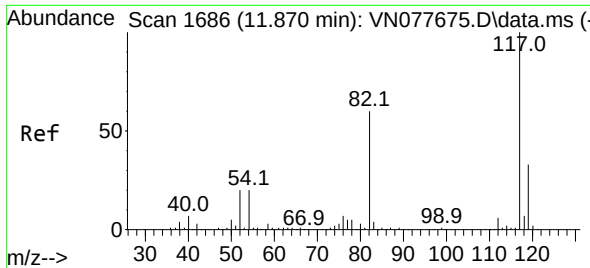
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#62
4-Bromofluorobenzene
Concen: 52.154 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

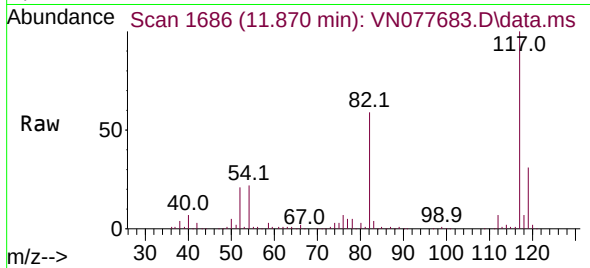
Tgt Ion: 95 Resp: 345144
Ion Ratio Lower Upper
95 100
174 69.6 0.0 143.8
176 66.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

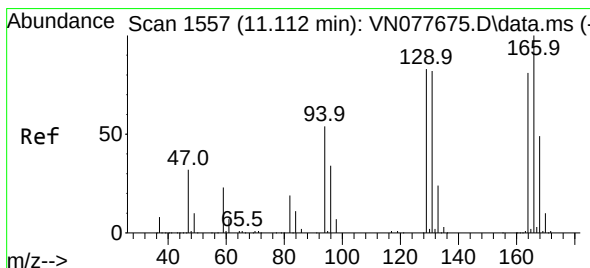
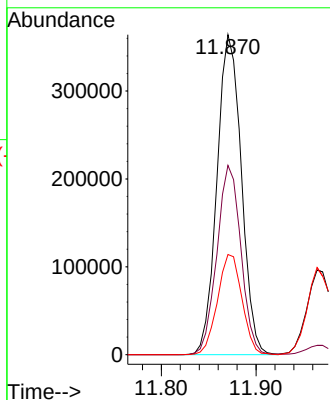
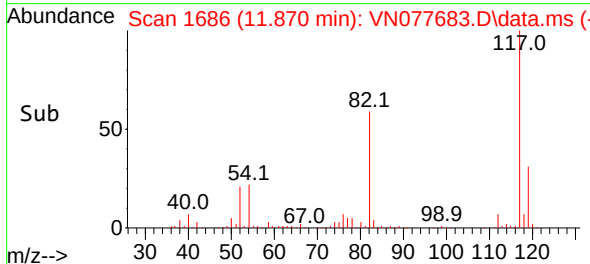
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 652125
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 31.3 25.6 38.4

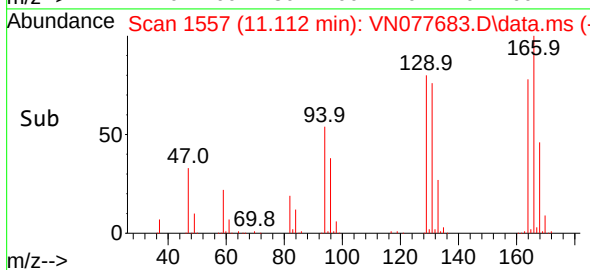
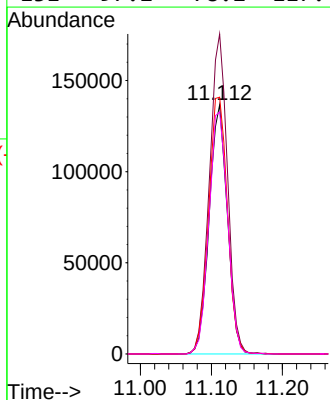
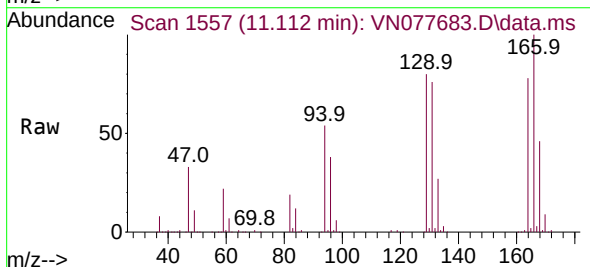
Manual Integrations
APPROVED

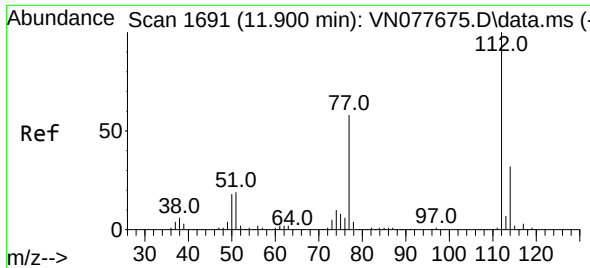
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#64
Tetrachloroethene
Concen: 52.953 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

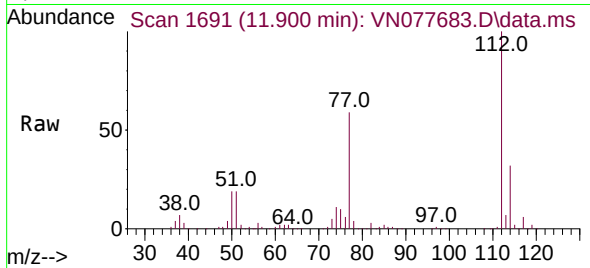
Tgt Ion:164 Resp: 241489
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 103.1 82.4 123.6
131 97.2 78.2 117.4





#65
Chlorobenzene
Concen: 49.968 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

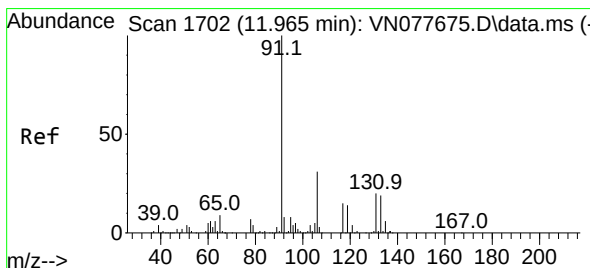
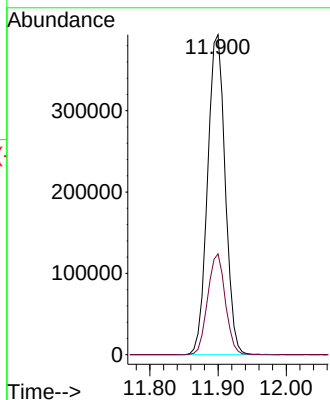
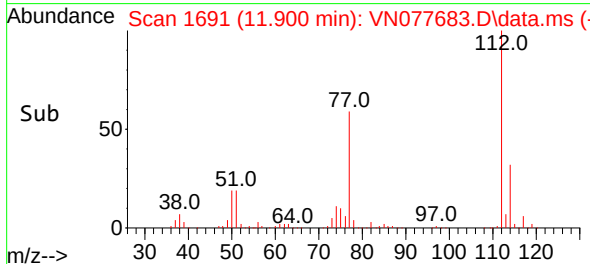
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



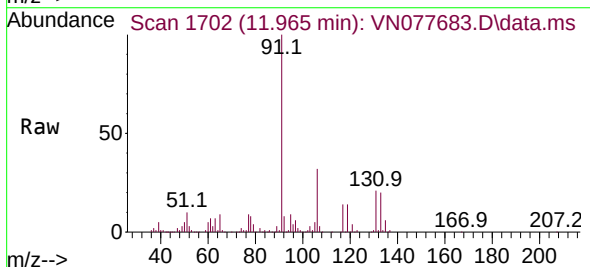
Tgt Ion:112 Resp: 706412
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

Manual Integrations
APPROVED

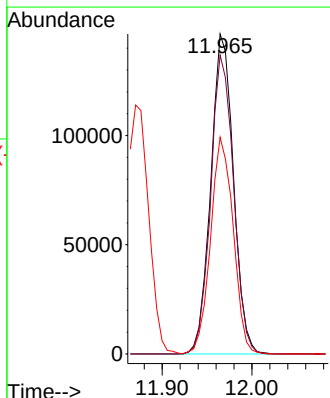
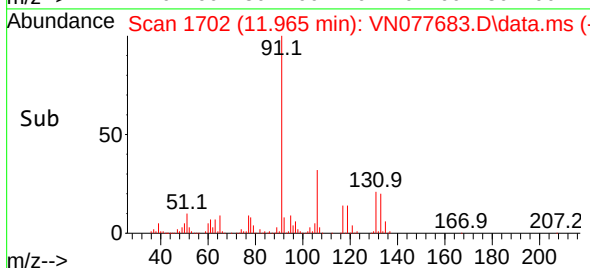
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

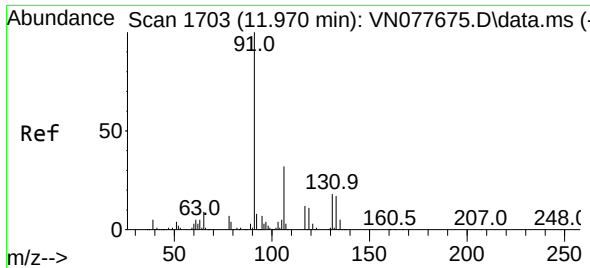


#66
1,1,1,2-Tetrachloroethane
Concen: 52.559 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



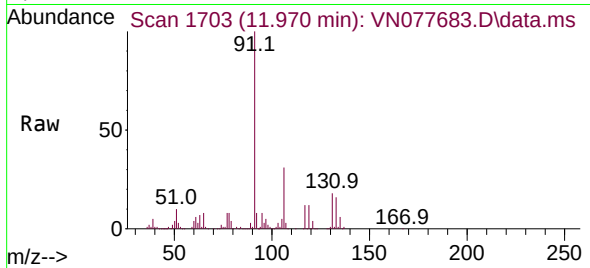
Tgt Ion:131 Resp: 257101
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 67.5 34.1 102.2





#67
Ethyl Benzene
Concen: 51.261 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

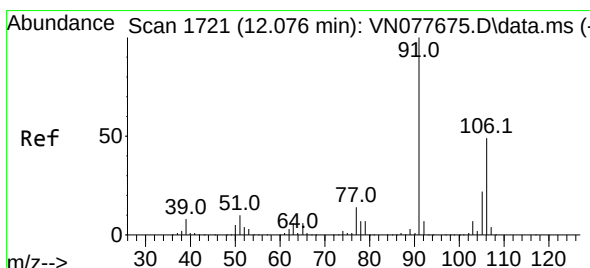
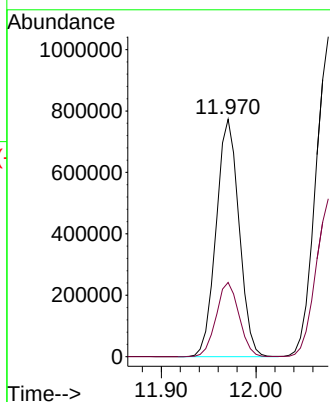
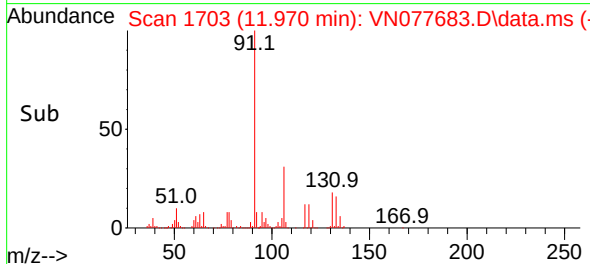
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



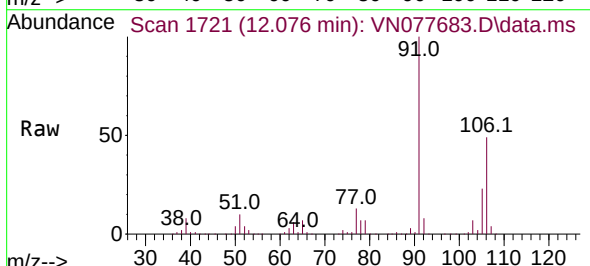
Tgt Ion: 91 Resp: 1298692
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

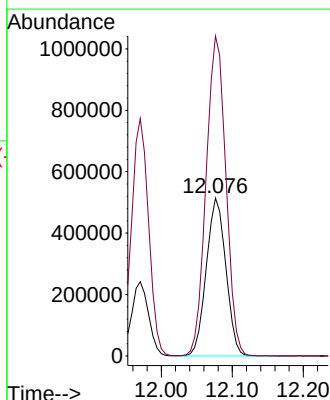
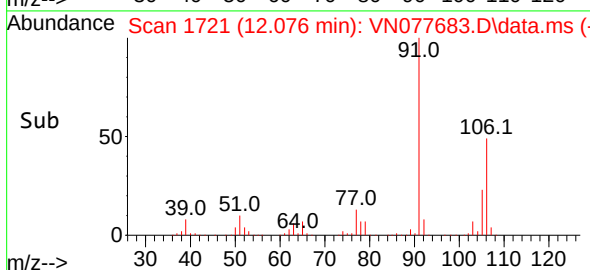
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

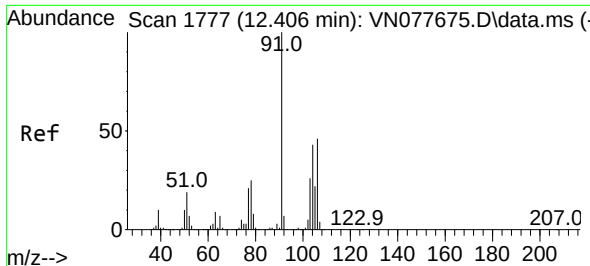


#68
m/p-Xylenes
Concen: 102.505 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



Tgt Ion:106 Resp: 984003
Ion Ratio Lower Upper
106 100
91 204.6 159.6 239.4





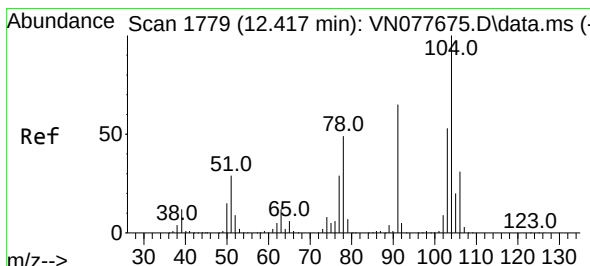
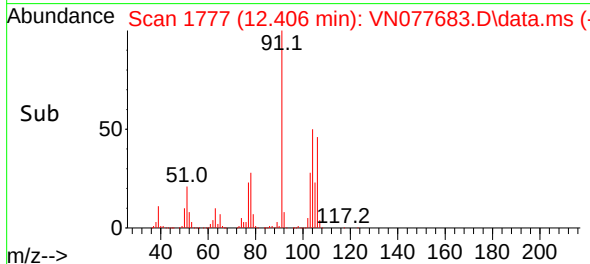
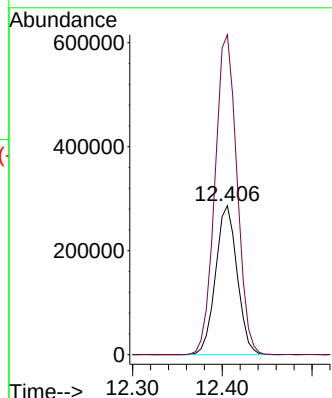
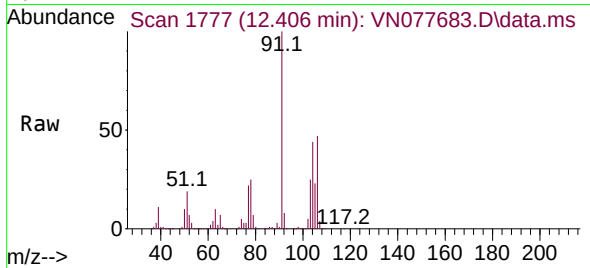
#69
o-Xylene
Concen: 50.672 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 478378
Ion Ratio Lower Upper
106 100
91 219.1 105.2 315.5

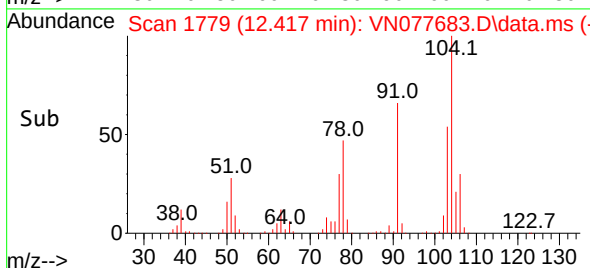
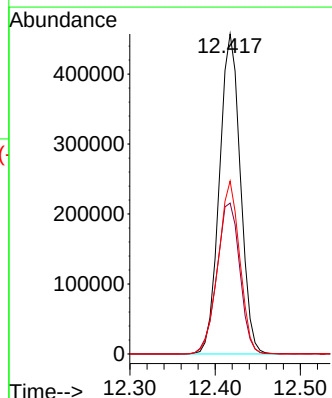
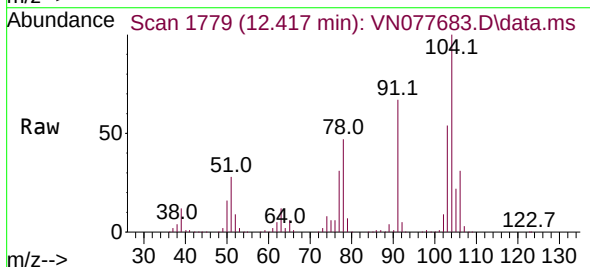
Manual Integrations
APPROVED

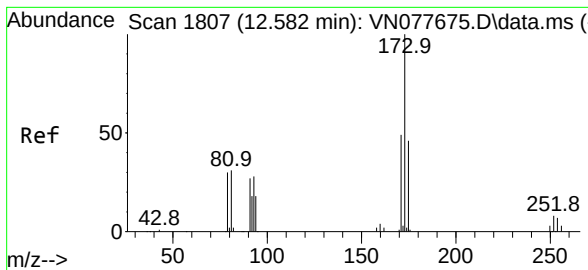
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#70
Styrene
Concen: 52.135 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

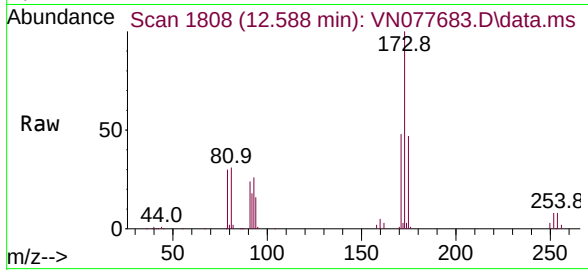
Tgt Ion:104 Resp: 781873
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 53.353 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

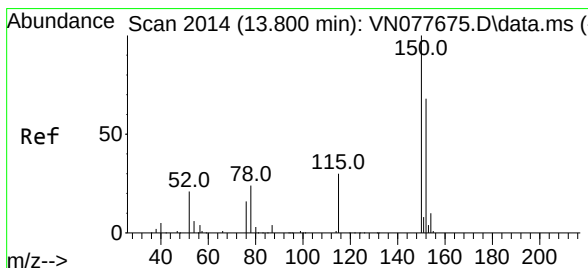
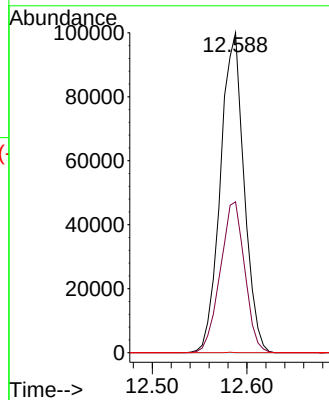
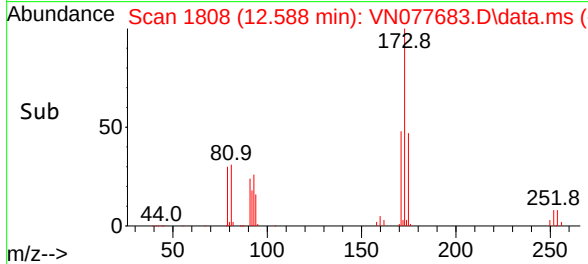
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 173618
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

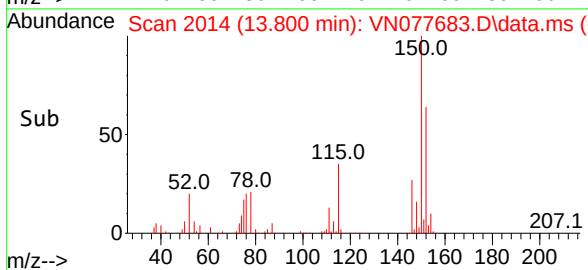
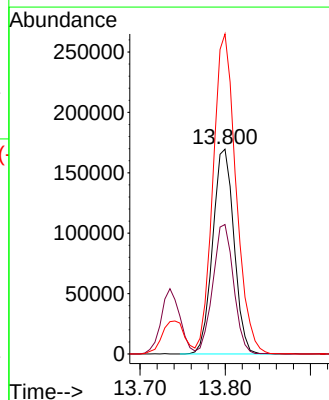
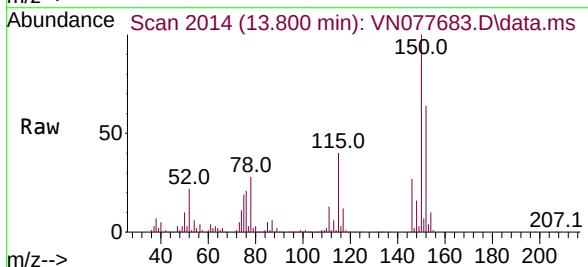
Manual Integrations
APPROVED

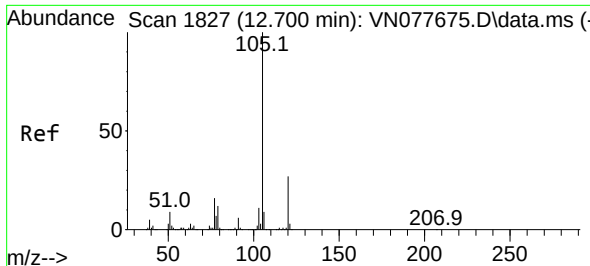
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

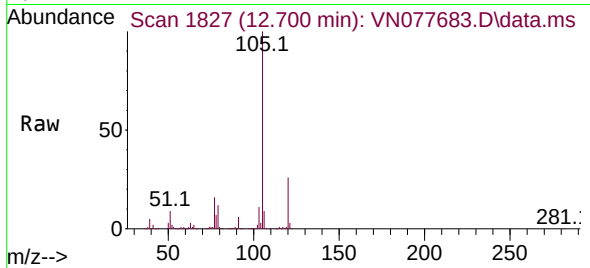
Tgt Ion:152 Resp: 293844
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 169.0 0.0 355.8





#73
Isopropylbenzene
Concen: 49.915 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

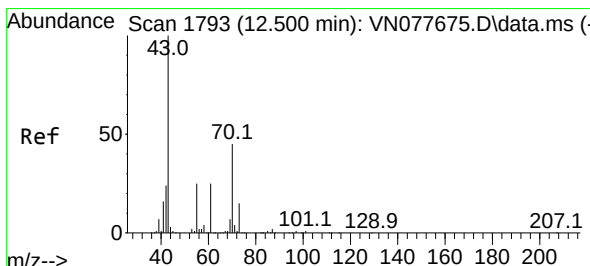
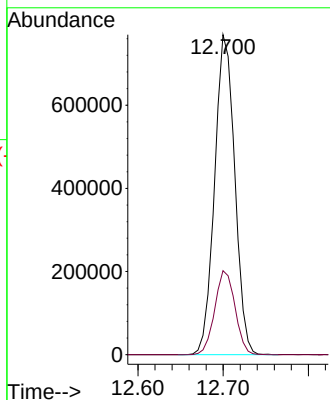
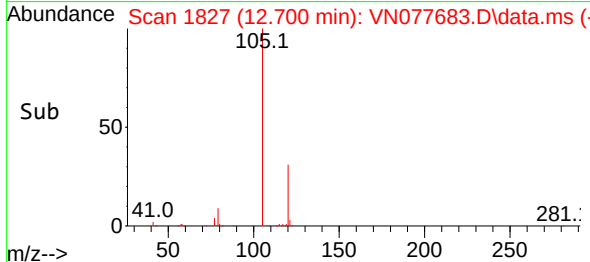
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



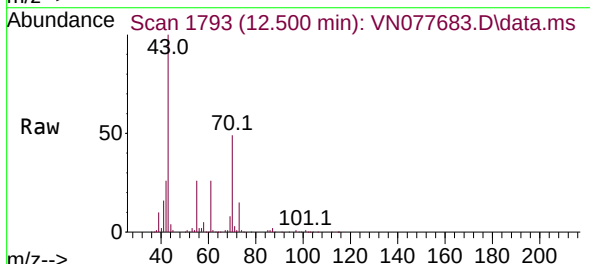
Tgt Ion:105 Resp: 1264329
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
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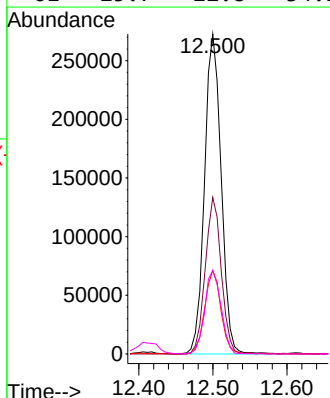
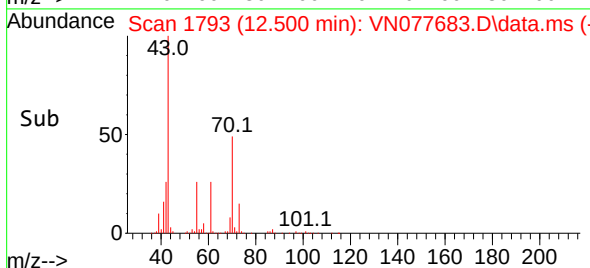
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

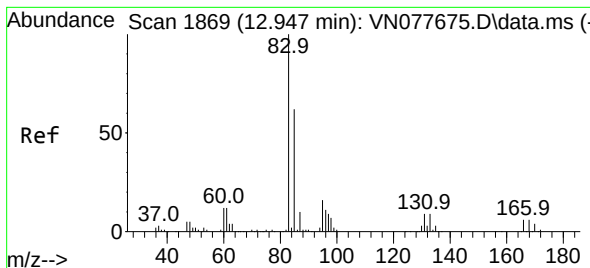


#74
N-ethyl acetate
Concen: 45.509 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



Tgt Ion: 43 Resp: 426074
Ion Ratio Lower Upper
43 100
70 47.1 43.4 65.2
55 25.6 21.4 32.0
61 25.7 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.519 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN077683.D

Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 354700

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

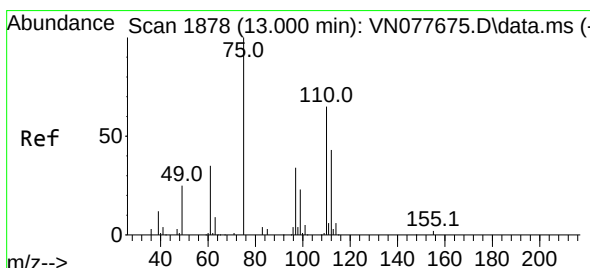
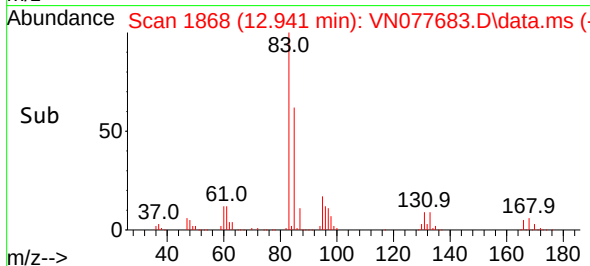
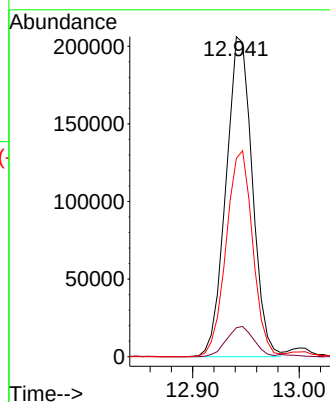
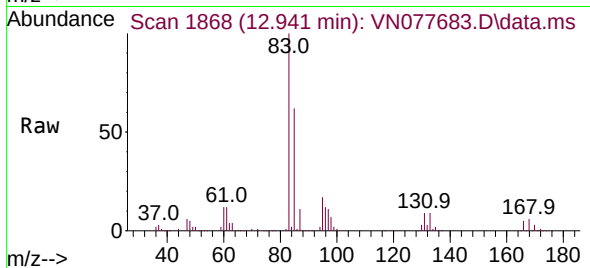
85 64.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#76

1,2,3-Trichloropropane

Concen: 42.446 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077683.D

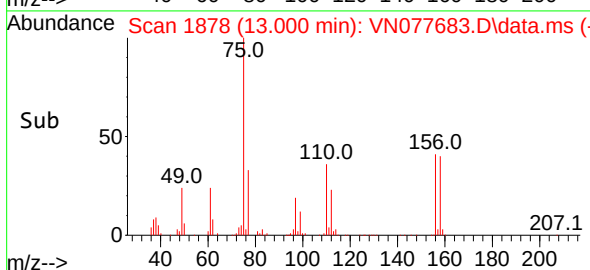
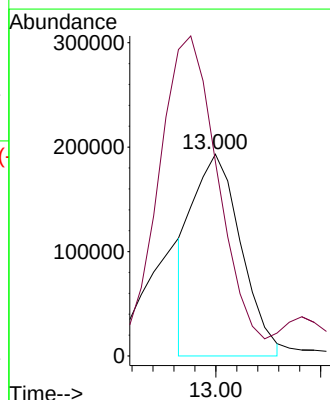
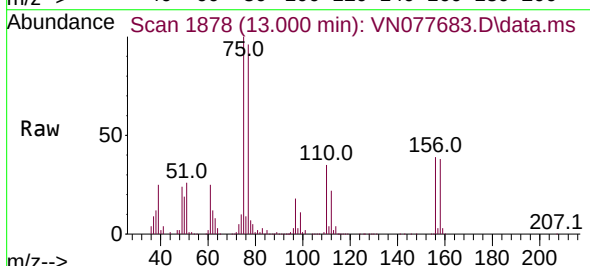
Acq: 16 May 2023 11:09

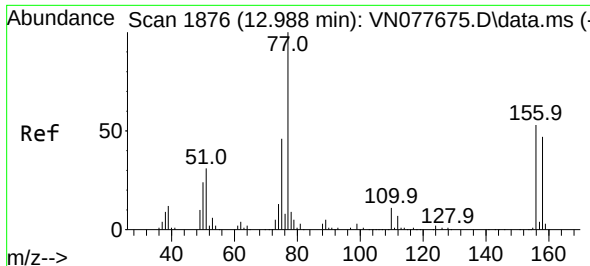
Tgt Ion: 75 Resp: 312357

Ion Ratio Lower Upper

75 100

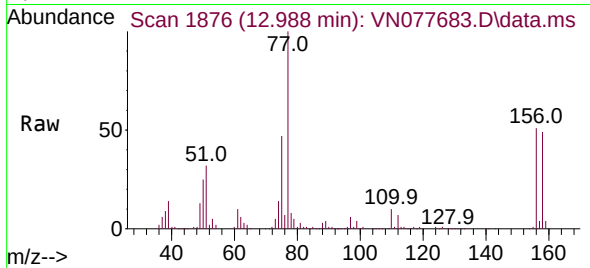
77 196.1 84.5 253.5





#77
Bromobenzene
Concen: 46.450 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

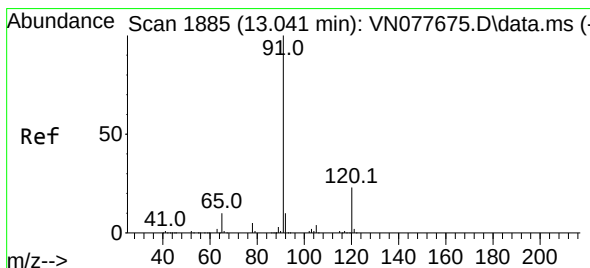
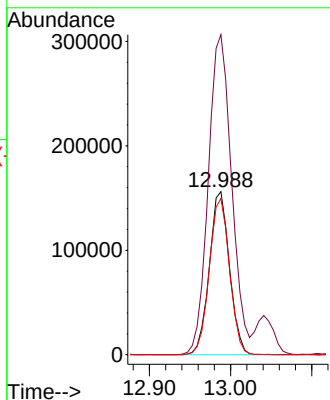
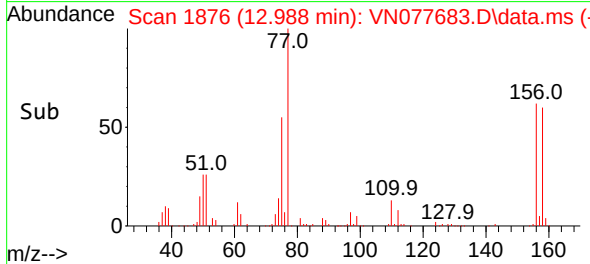
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 268499
Ion Ratio Lower Upper
156 100
77 228.1 107.7 323.3
158 96.1 48.4 145.3

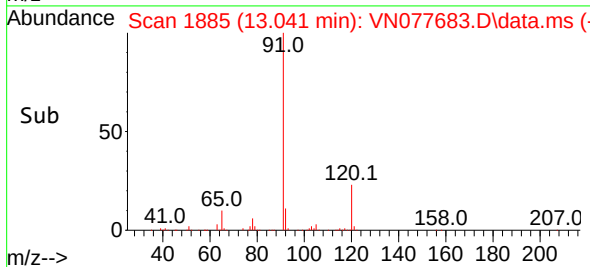
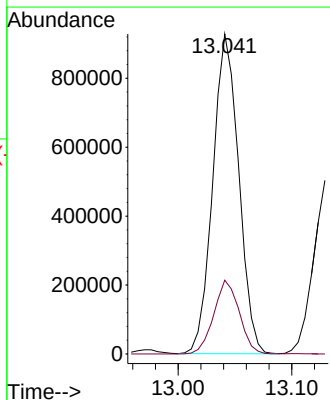
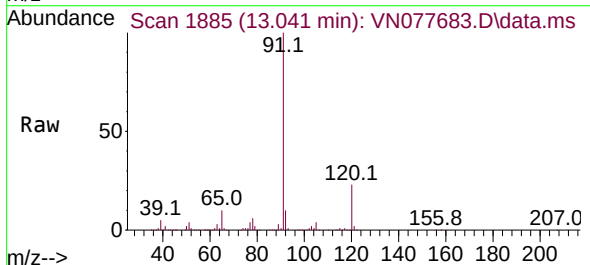
Manual Integrations
APPROVED

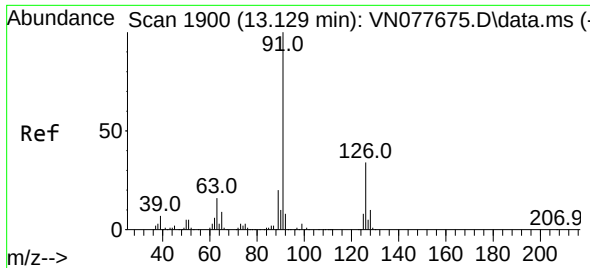
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#78
n-propylbenzene
Concen: 49.295 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion: 91 Resp: 1472033
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





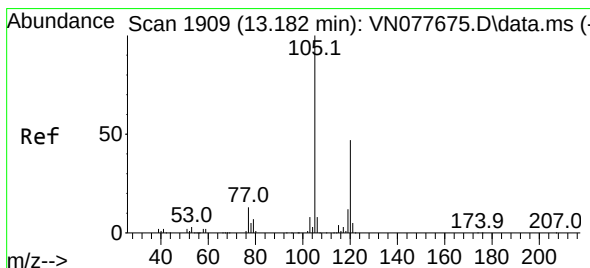
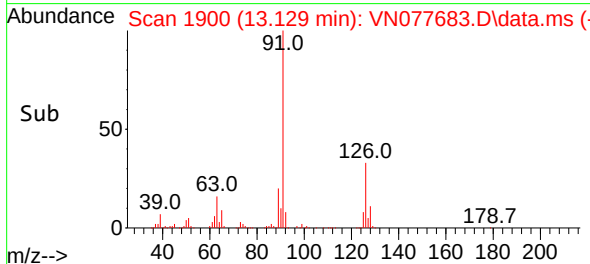
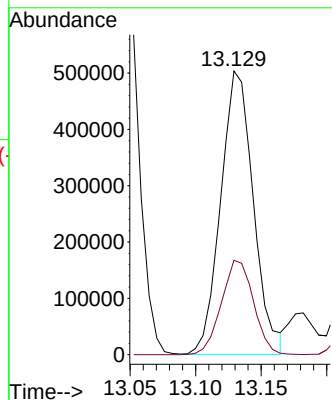
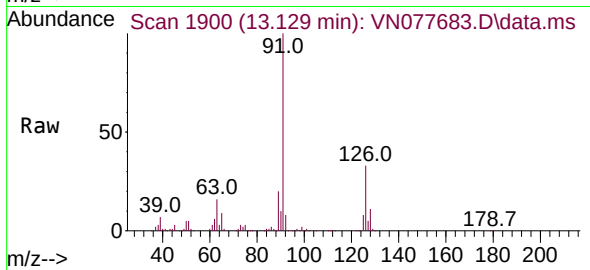
#79
2-Chlorotoluene
Concen: 48.977 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 872720
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

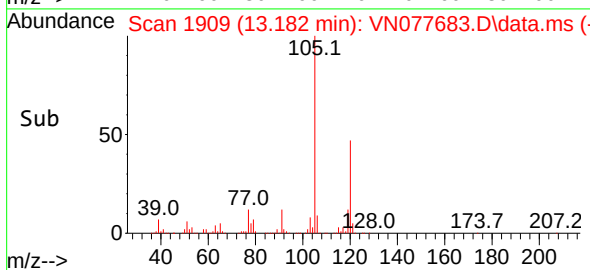
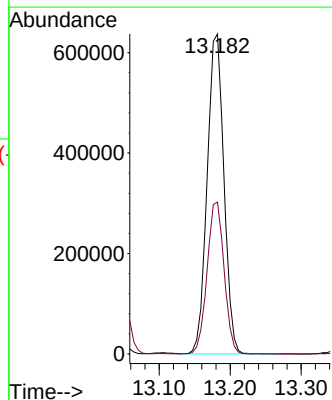
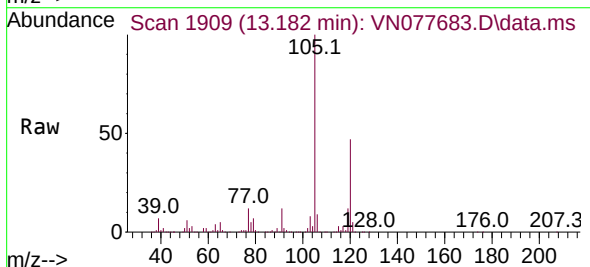
Manual Integrations
APPROVED

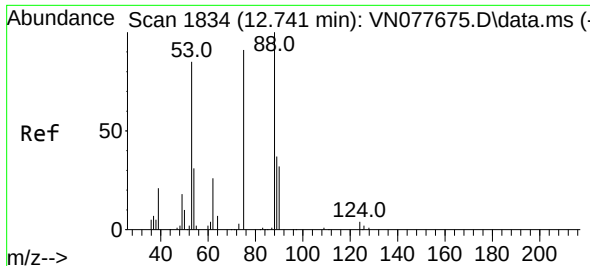
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.144 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

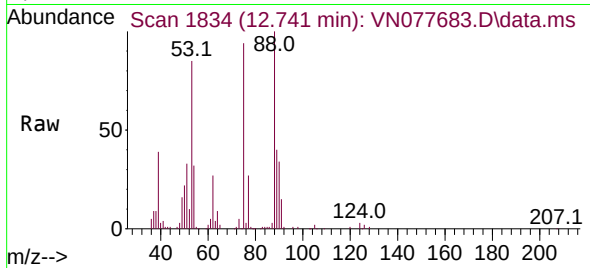
Tgt Ion:105 Resp: 1046198
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 56.902 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

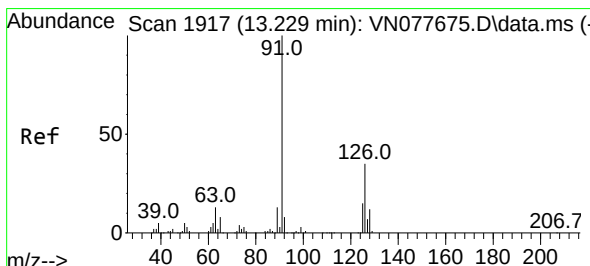
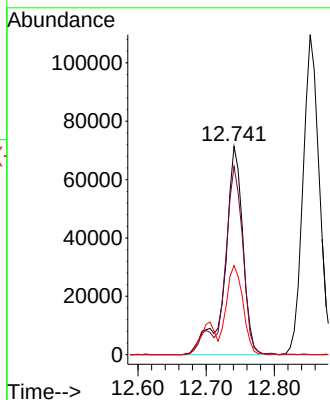
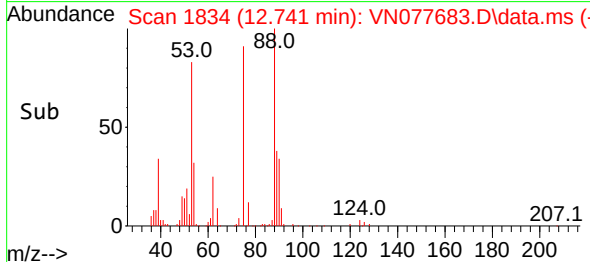
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



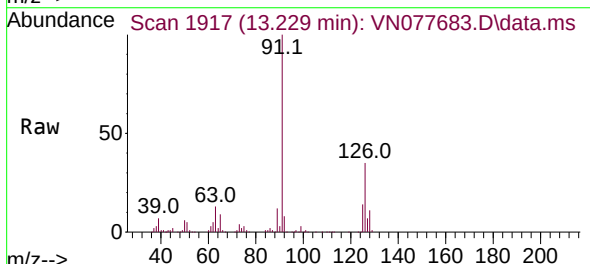
Tgt Ion: 75 Resp: 130997
Ion Ratio Lower Upper
75 100
53 83.6 67.4 101.2
89 39.6 38.8 58.2

Manual Integrations
APPROVED

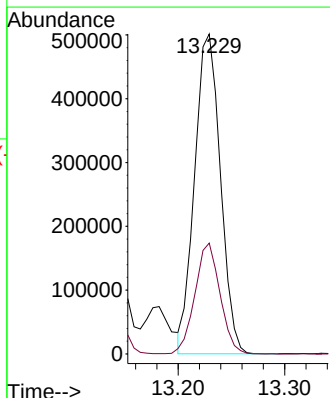
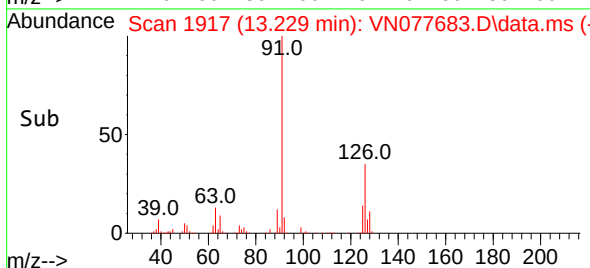
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

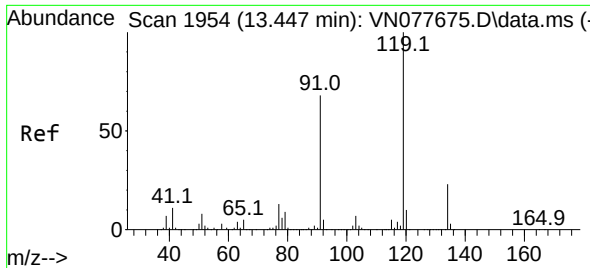


#82
4-Chlorotoluene
Concen: 47.627 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



Tgt Ion: 91 Resp: 844390
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





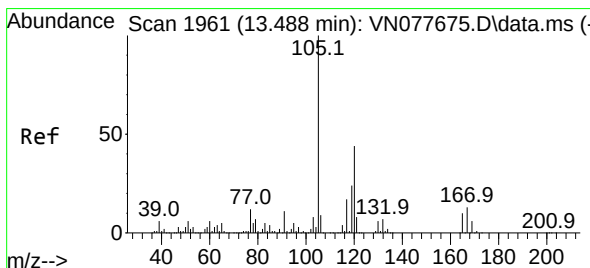
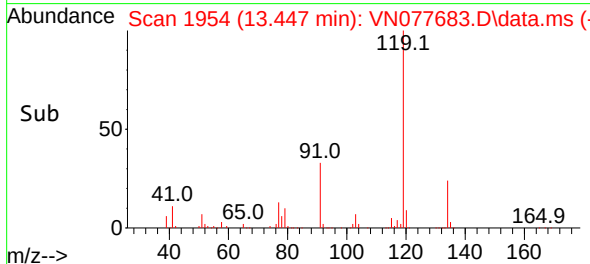
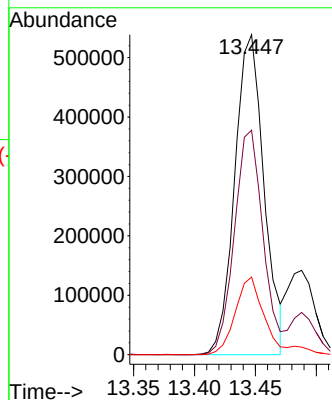
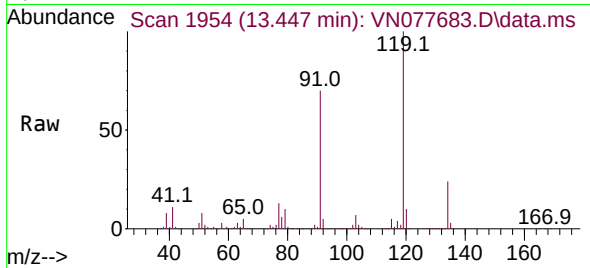
#83
tert-Butylbenzene
Concen: 48.657 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 904281
Ion Ratio Lower Upper
119 100
91 68.4 33.9 101.7
134 25.1 13.2 39.6

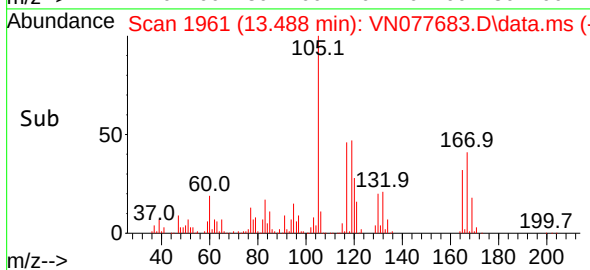
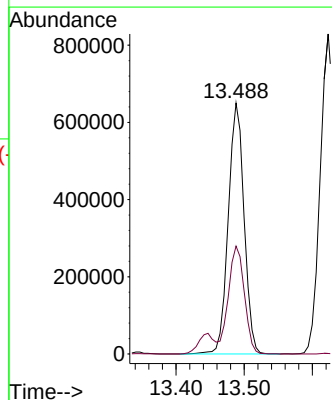
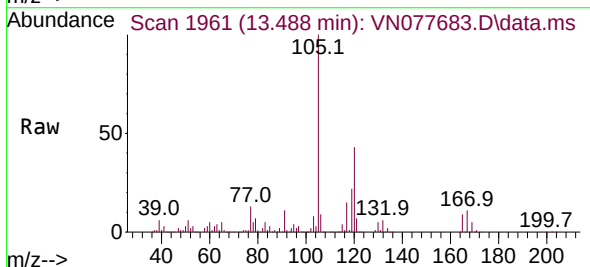
Manual Integrations
APPROVED

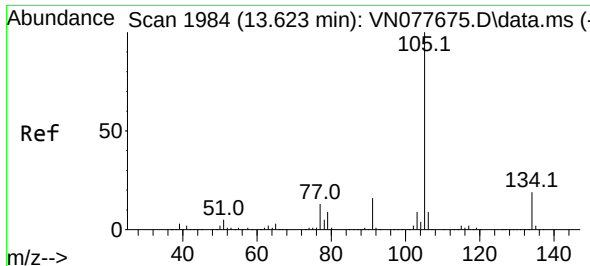
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.114 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion:105 Resp: 1049238
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.458 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077683.D
 Acq: 16 May 2023 11:09

Instrument :

MSVOA_N

ClientSampleId :

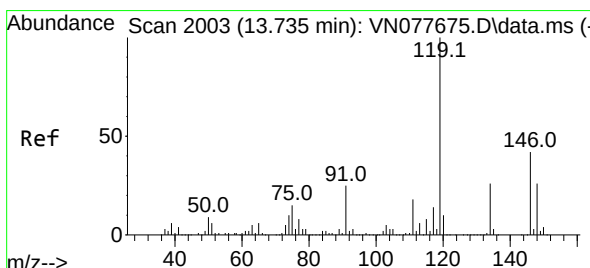
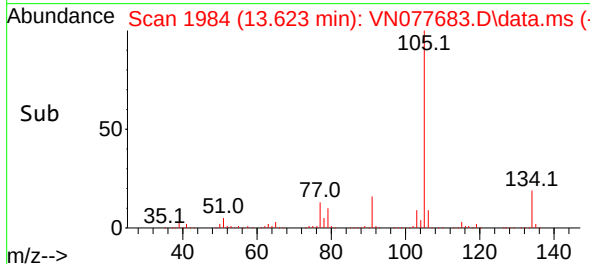
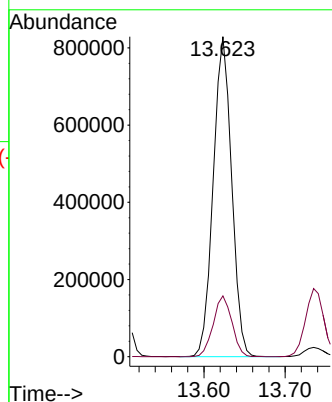
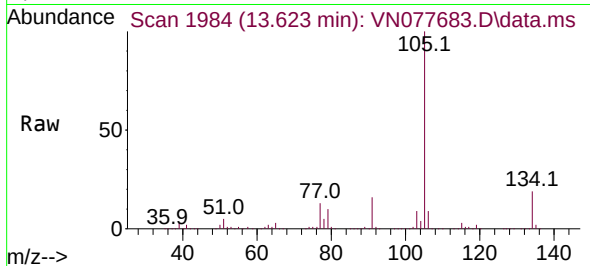
VSTDCCC050

Tgt Ion:105 Resp: 1306280
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations

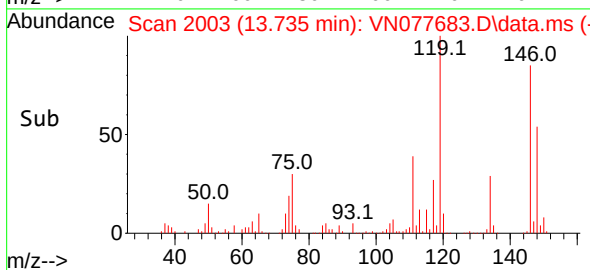
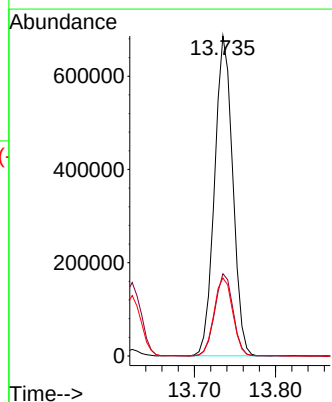
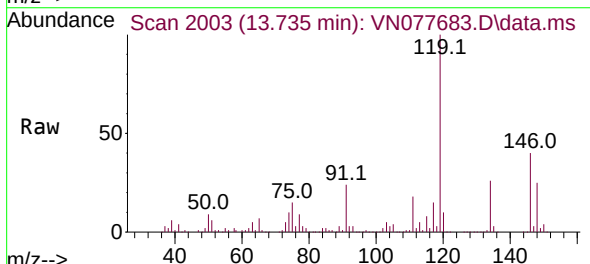
APPROVED

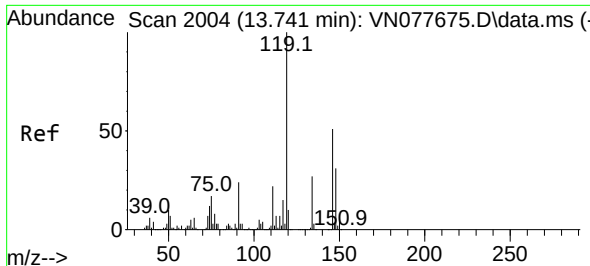
Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#86
 p-Isopropyltoluene
 Concen: 50.648 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077683.D
 Acq: 16 May 2023 11:09

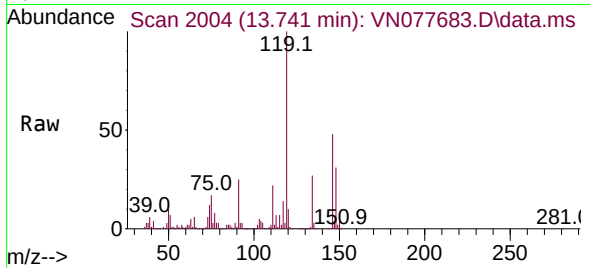
Tgt Ion:119 Resp: 1066466
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 46.722 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

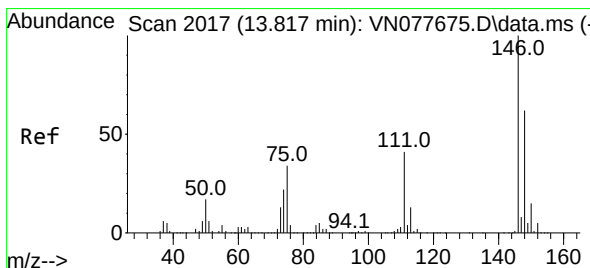
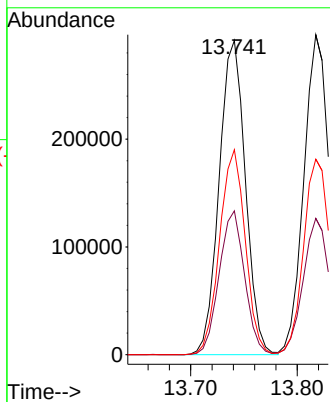
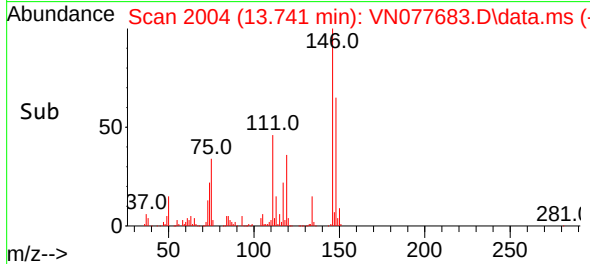
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



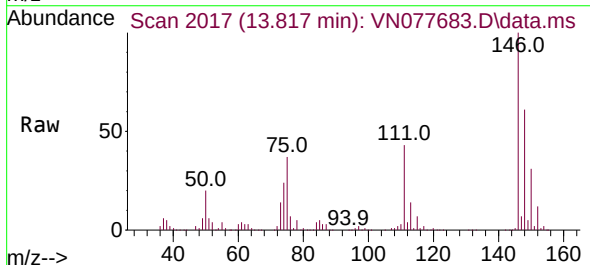
Tgt Ion:146 Resp: 49944
Ion Ratio Lower Upper
146 100
111 44.4 22.1 66.3
148 63.7 32.0 96.0

Manual Integrations
APPROVED

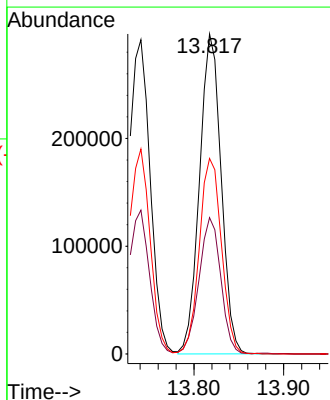
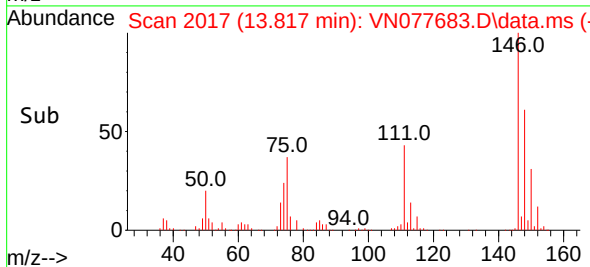
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

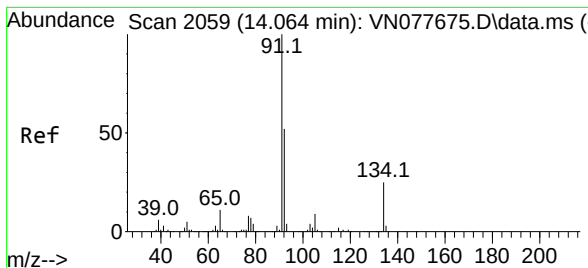


#88
1,4-Dichlorobenzene
Concen: 46.814 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



Tgt Ion:146 Resp: 496595
Ion Ratio Lower Upper
146 100
111 42.8 20.6 61.8
148 62.8 31.6 94.8





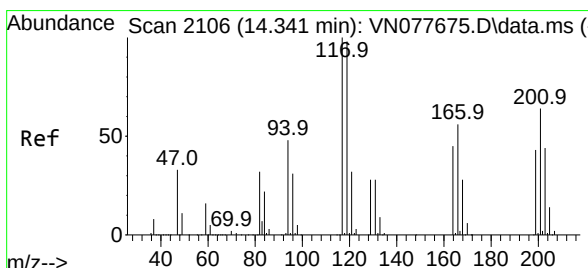
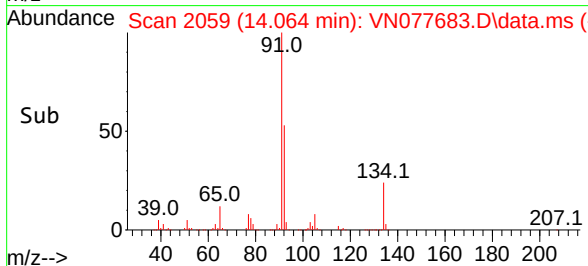
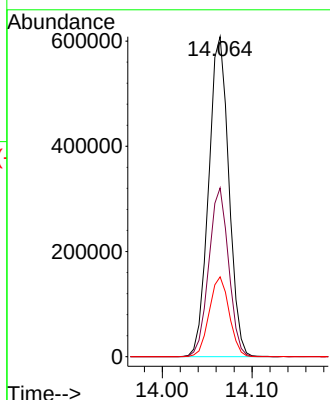
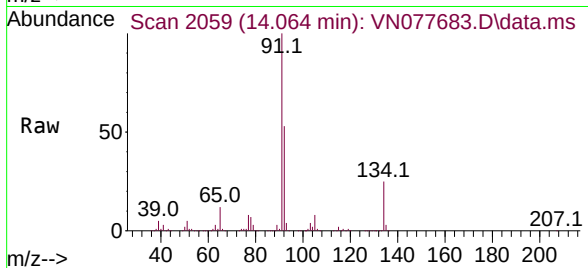
#89
n-Butylbenzene
Concen: 49.047 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 94990
Ion Ratio Lower Upper
91 100
92 51.8 26.4 79.0
134 24.7 12.6 37.6

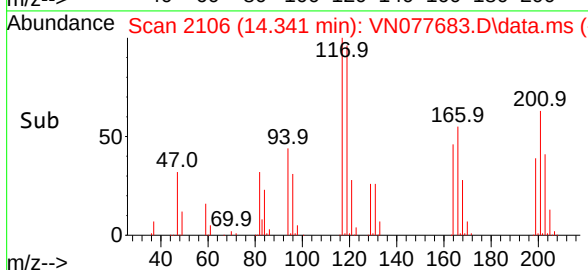
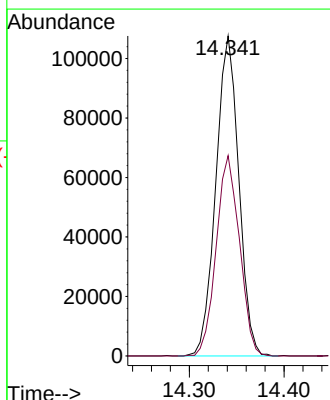
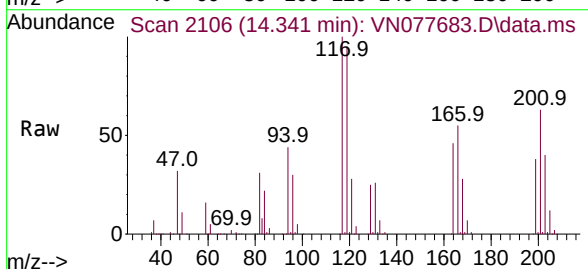
Manual Integrations
APPROVED

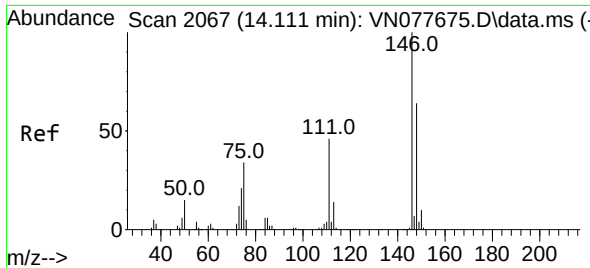
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#90
Hexachloroethane
Concen: 52.399 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Tgt Ion:117 Resp: 181254
Ion Ratio Lower Upper
117 100
201 63.4 29.3 88.0





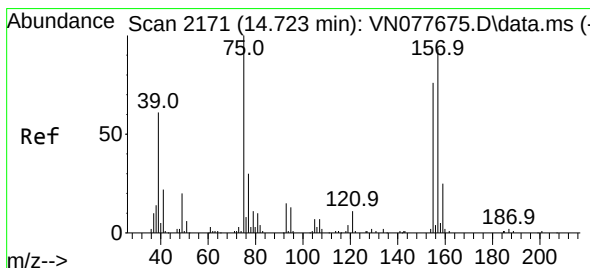
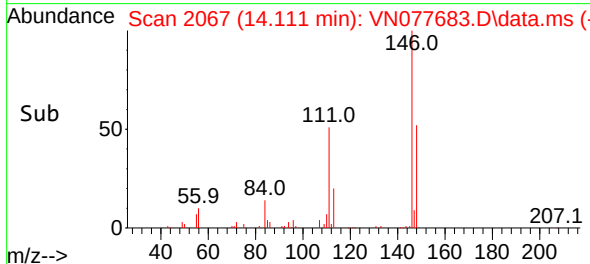
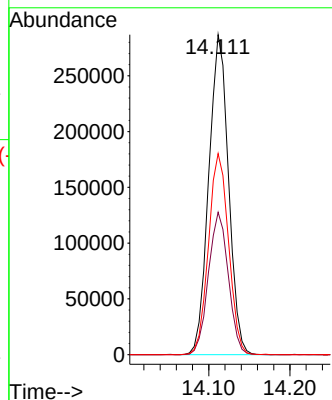
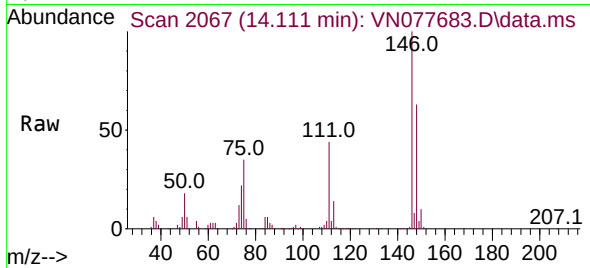
#91
1,2-Dichlorobenzene
Concen: 48.436 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 48370
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 63.8 31.8 95.3

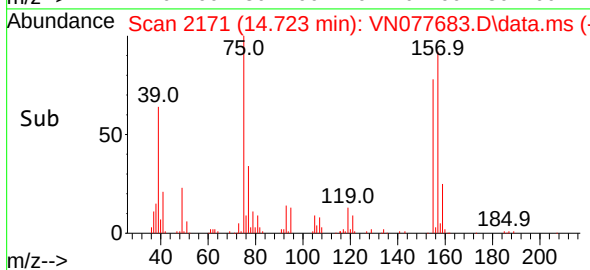
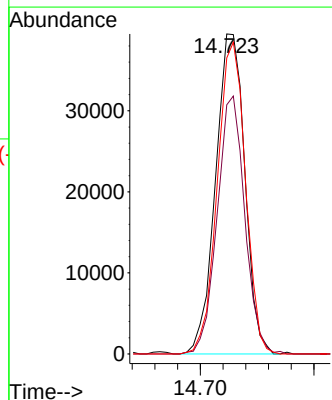
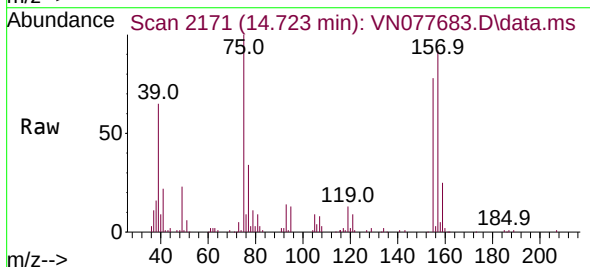
Manual Integrations
APPROVED

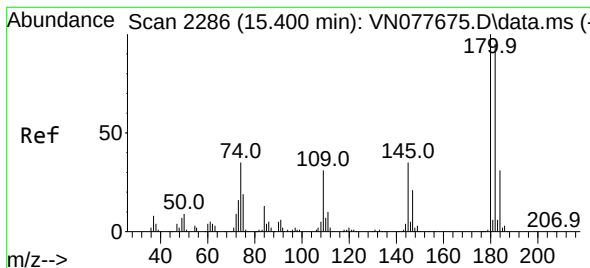
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.822 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

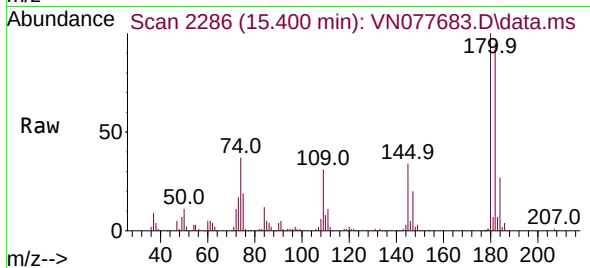
Tgt Ion: 75 Resp: 70636
Ion Ratio Lower Upper
75 100
155 76.0 39.1 117.2
157 93.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 46.134 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

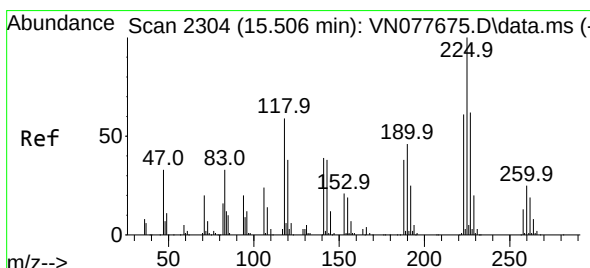
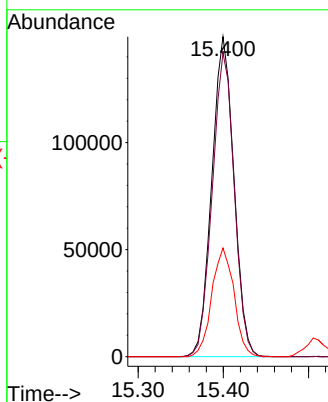
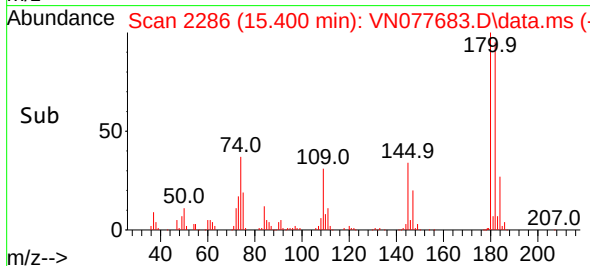
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



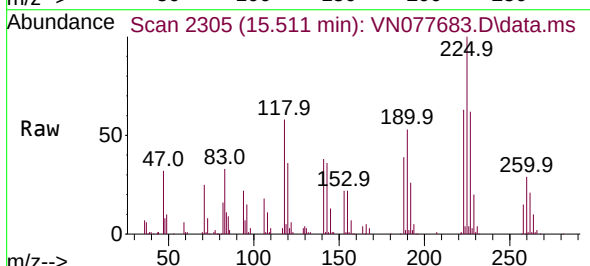
Tgt Ion:180 Resp: 269234
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 34.1 16.6 49.8

Manual Integrations
APPROVED

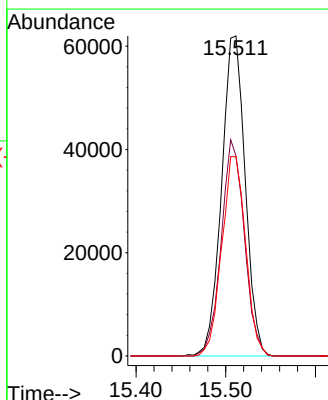
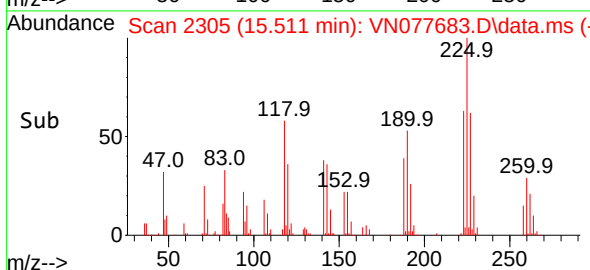
Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

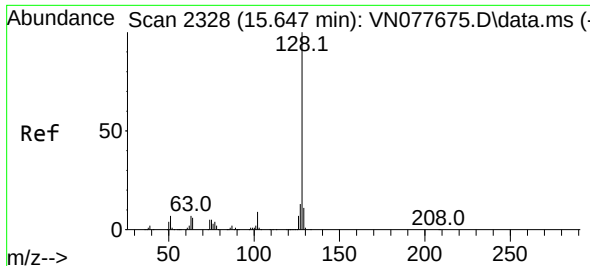


#94
Hexachlorobutadiene
Concen: 46.671 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



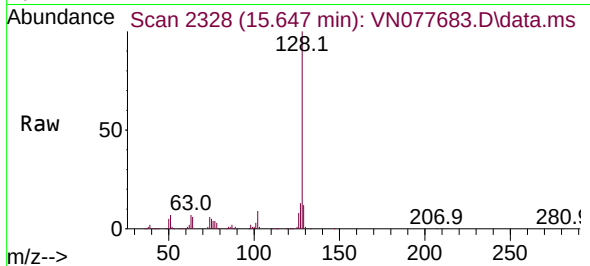
Tgt Ion:225 Resp: 113086
Ion Ratio Lower Upper
225 100
223 66.1 31.3 93.8
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 43.370 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09

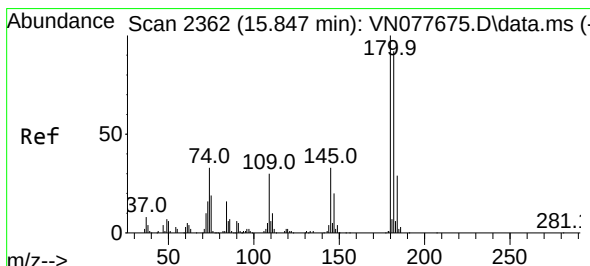
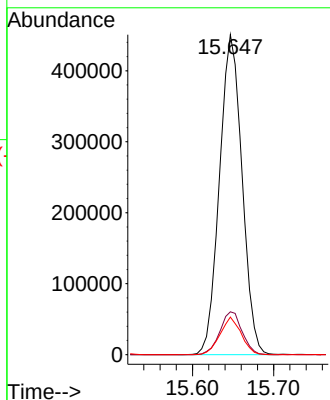
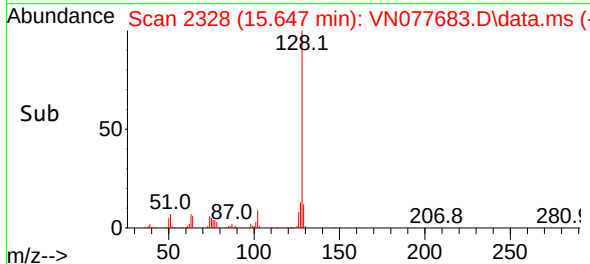
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



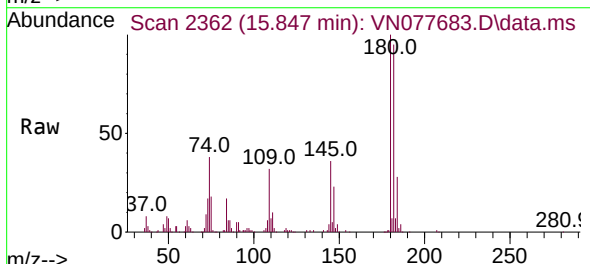
Tgt Ion:128 Resp: 871192
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.958 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077683.D
Acq: 16 May 2023 11:09



Tgt Ion:180 Resp: 262599
Ion Ratio Lower Upper
180 100
182 94.1 46.2 138.6
145 35.7 17.5 52.6

