

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080537.D
 Acq On : 20 Dec 2023 10:57
 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 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:37:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	278327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	428466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	381916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	197081	55.440	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.880%			
35) Dibromofluoromethane	8.165	113	151312	55.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.400%			
50) Toluene-d8	10.565	98	562836	55.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.100%			
62) 4-Bromofluorobenzene	12.847	95	200083	52.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	174231	48.985	ug/l	98
3) Chloromethane	2.360	50	156671	41.658	ug/l	99
4) Vinyl Chloride	2.512	62	130815	43.066	ug/l	99
5) Bromomethane	2.954	94	63325	46.240	ug/l	95
6) Chloroethane	3.124	64	85986	44.054	ug/l	93
7) Trichlorofluoromethane	3.495	101	299523	48.617	ug/l	100
8) Diethyl Ether	3.954	74	94093	48.488	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	145998	49.997	ug/l	96
10) Methyl Iodide	4.589	142	107436	41.828	ug/l	92
11) Tert butyl alcohol	5.506	59	95969	229.226	ug/l	100
12) 1,1-Dichloroethene	4.336	96	139969	46.780	ug/l	85
13) Acrolein	4.171	56	145341	316.994	ug/l	99
14) Allyl chloride	5.024	41	174640	47.175	ug/l	97
15) Acrylonitrile	5.712	53	312419	264.099	ug/l	100
16) Acetone	4.418	43	181774	288.384	ug/l	99
17) Carbon Disulfide	4.706	76	369143	43.533	ug/l	98
18) Methyl Acetate	5.018	43	220799	54.441	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	507642	50.853	ug/l	99
20) Methylene Chloride	5.271	84	162676	48.225	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	161185	49.682	ug/l #	83
22) Diisopropyl ether	6.671	45	428174	53.590	ug/l	91
23) Vinyl Acetate	6.595	43	1136210	247.600	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	290832	52.172	ug/l	99
25) 2-Butanone	7.477	43	326261	268.692	ug/l	91
26) 2,2-Dichloropropane	7.489	77	282353	49.534	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	187536	51.067	ug/l	91
28) Bromochloromethane	7.812	49	108783	50.825	ug/l	100
29) Tetrahydrofuran	7.836	42	211302	243.013	ug/l	94
30) Chloroform	7.965	83	327066	52.857	ug/l	91
31) Cyclohexane	8.253	56	223610	46.255	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	310983	51.330	ug/l	99
36) 1,1-Dichloropropene	8.371	75	230393	51.868	ug/l	97
37) Ethyl Acetate	7.553	43	135640	48.765	ug/l	98
38) Carbon Tetrachloride	8.359	117	272220	51.289	ug/l	97
39) Methylcyclohexane	9.606	83	221518	48.005	ug/l	91
40) Benzene	8.606	78	671266	52.334	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	82147	51.228	ug/l	96
42) 1,2-Dichloroethane	8.671	62	250023	52.638	ug/l	98
43) Isopropyl Acetate	8.683	43	259734	51.934	ug/l	97
44) Trichloroethene	9.353	130	174228	50.386	ug/l	99
45) 1,2-Dichloropropane	9.618	63	158119	52.486	ug/l	96
46) Dibromomethane	9.706	93	115776	53.515	ug/l	93
47) Bromodichloromethane	9.888	83	250697	54.068	ug/l	98
48) Methyl methacrylate	9.677	41	152580	51.124	ug/l	90
49) 1,4-Dioxane	9.694	88	45635	1008.791	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	724837	263.156	ug/l	99
52) Toluene	10.630	92	427205	52.722	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	262562	52.338	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	276073	51.486	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	156935	53.825	ug/l	97
56) Ethyl methacrylate	10.871	69	170701	52.881	ug/l #	92
57) 1,3-Dichloropropane	11.165	76	272625	53.340	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	531471	260.800	ug/l	98
59) 2-Hexanone	11.194	43	534439	262.826	ug/l	98
60) Dibromochloromethane	11.359	129	186839	54.079	ug/l	98
61) 1,2-Dibromoethane	11.471	107	156419	51.835	ug/l	99
64) Tetrachloroethene	11.106	164	146660	49.737	ug/l	95
65) Chlorobenzene	11.894	112	434124	51.098	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	172104	51.627	ug/l	93
67) Ethyl Benzene	11.965	91	804373	51.491	ug/l	96
68) m/p-Xylenes	12.071	106	593968	102.895	ug/l	90
69) o-Xylene	12.400	106	284658	50.416	ug/l	88
70) Styrene	12.412	104	436470	53.667	ug/l	95
71) Bromoform	12.582	173	120091	49.399	ug/l #	97
73) Isopropylbenzene	12.694	105	742417	50.944	ug/l	99
74) N-amyl acetate	12.494	43	207544	48.769	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	191039	48.921	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	171387m	47.357	ug/l	
77) Bromobenzene	12.982	156	176445	49.218	ug/l	96
78) n-propylbenzene	13.035	91	811297	50.492	ug/l	100
79) 2-Chlorotoluene	13.124	91	516894	49.275	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	621599	49.525	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	63657	46.182	ug/l #	78
82) 4-Chlorotoluene	13.224	91	536796	49.785	ug/l	96
83) tert-Butylbenzene	13.441	119	503812	49.014	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	633106	50.705	ug/l	99
85) sec-Butylbenzene	13.618	105	668702	50.856	ug/l	100
86) p-Isopropyltoluene	13.729	119	610026	51.381	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	313306	49.603	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	314494	49.325	ug/l	98
89) n-Butylbenzene	14.059	91	509242	51.362	ug/l	100
90) Hexachloroethane	14.335	117	95090	50.432	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	299384	49.915	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40038	48.744	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	169828	50.998	ug/l	98
94) Hexachlorobutadiene	15.500	225	85983	45.354	ug/l	99
95) Naphthalene	15.641	128	514520	50.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	163115	50.759	ug/l	96

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Response via : Initial Calibration

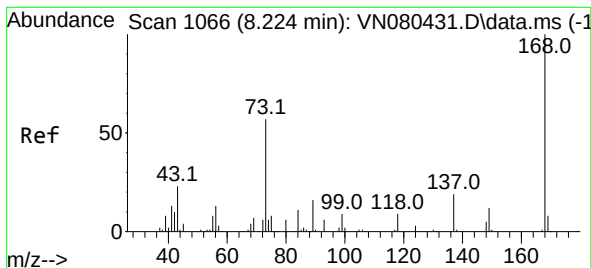
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

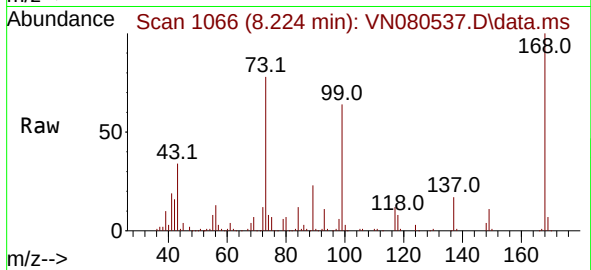
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080537.D
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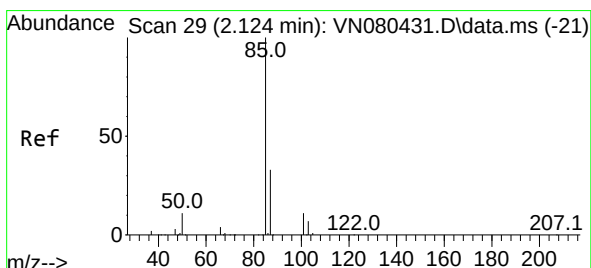
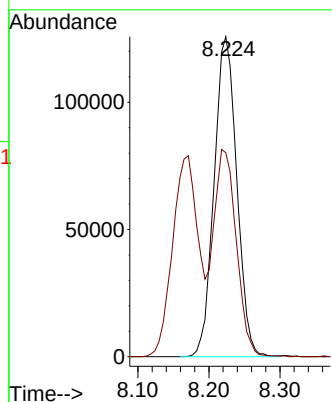
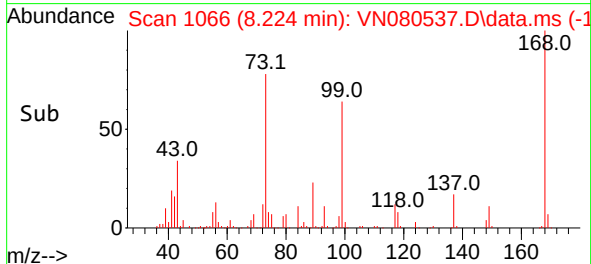
Instrument :
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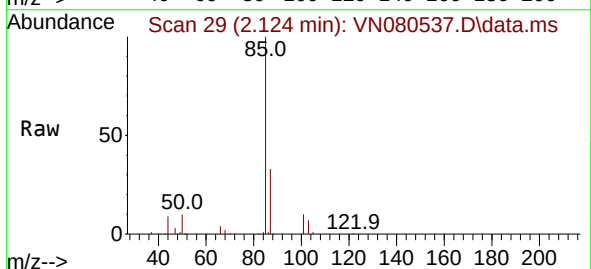
Tgt Ion:168 Resp: 27832
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6

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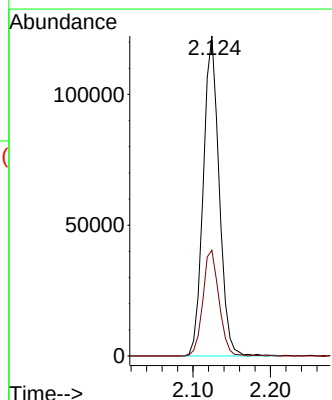
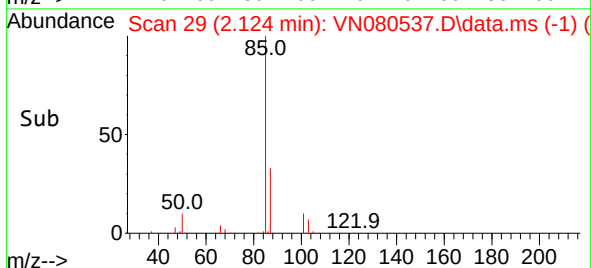
Reviewed By :John Carlone 12/21/2023
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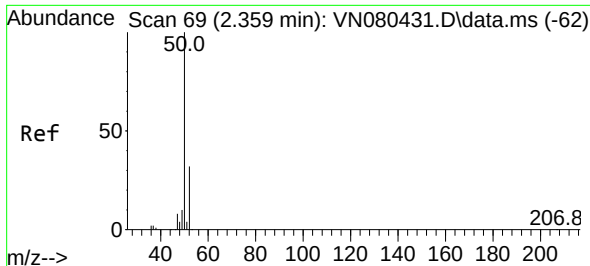


#2
Dichlorodifluoromethane
Concen: 48.985 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



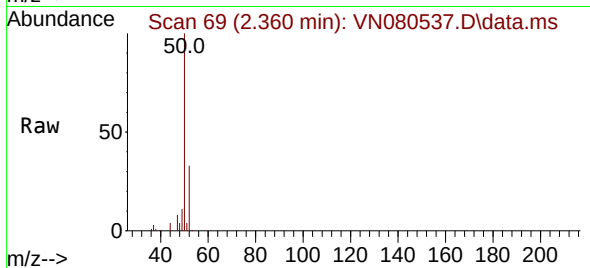
Tgt Ion: 85 Resp: 174231
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 41.658 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

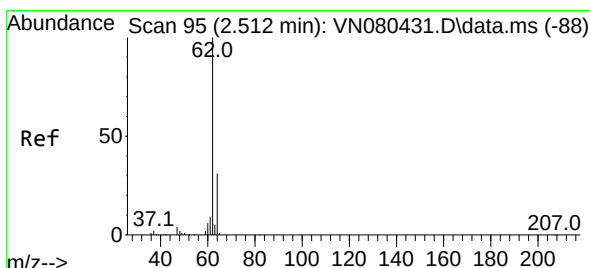
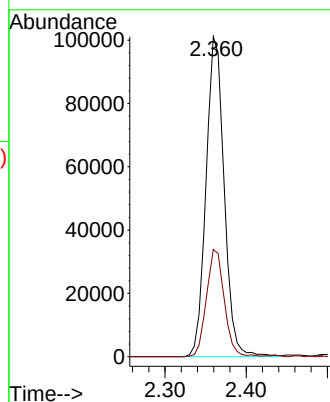
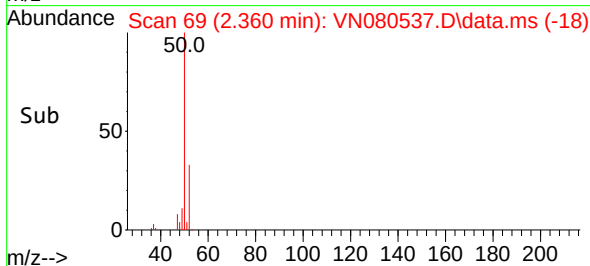
Instrument :
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ClientSampleId :
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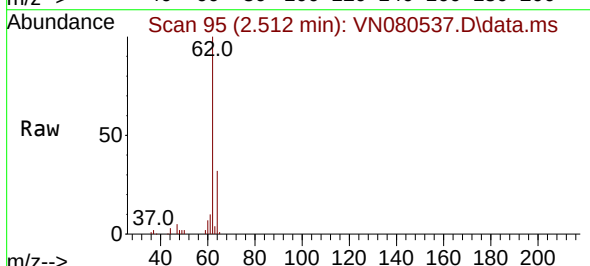
Tgt Ion: 50 Resp: 15667
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

Manual Integrations
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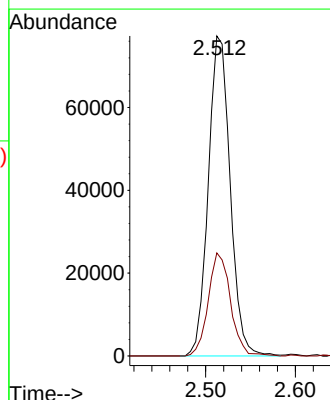
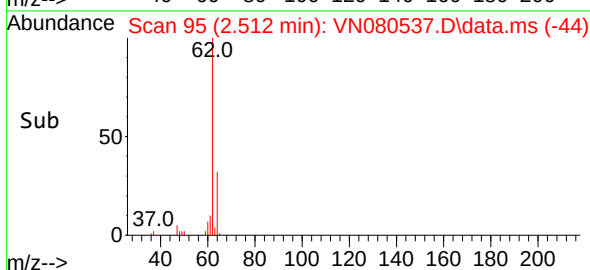
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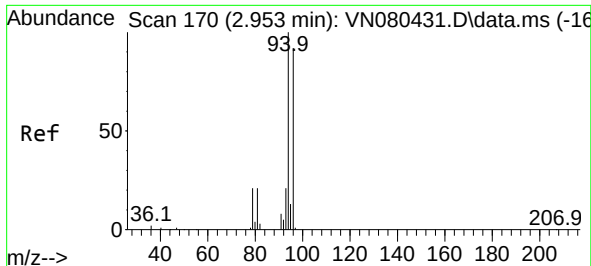


#4
Vinyl Chloride
Concen: 43.066 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



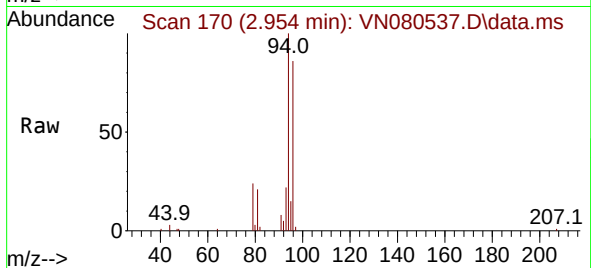
Tgt Ion: 62 Resp: 130815
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 46.240 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

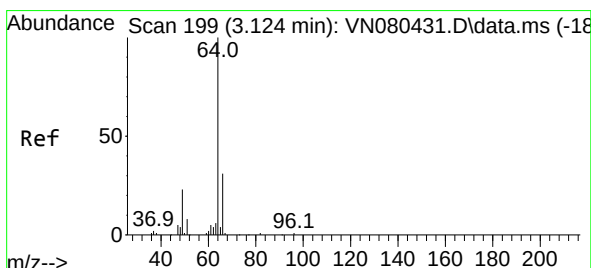
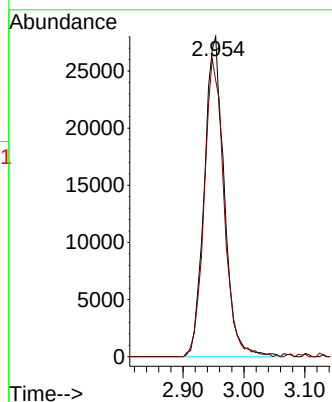
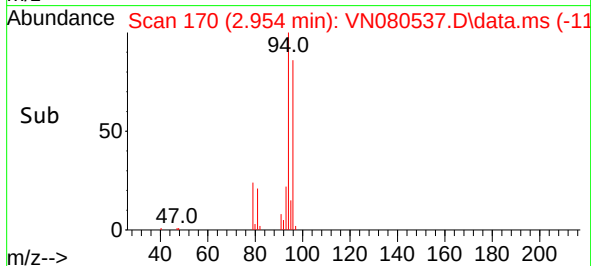
Instrument :
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Tgt Ion: 94 Resp: 6332
Ion Ratio Lower Upper
94 100
96 86.2 73.1 109.7

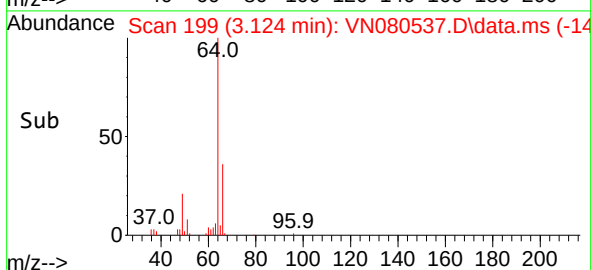
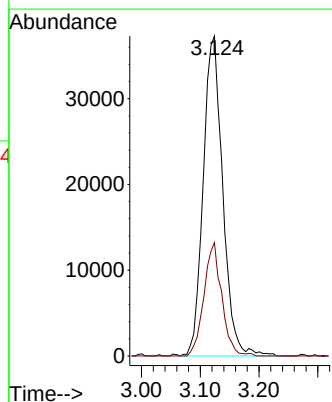
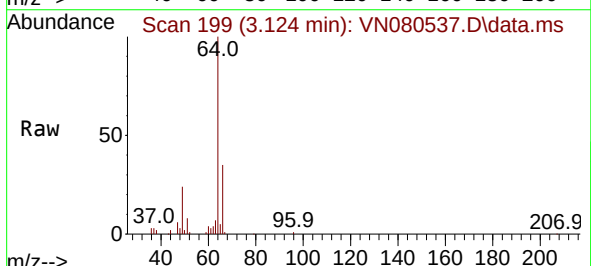
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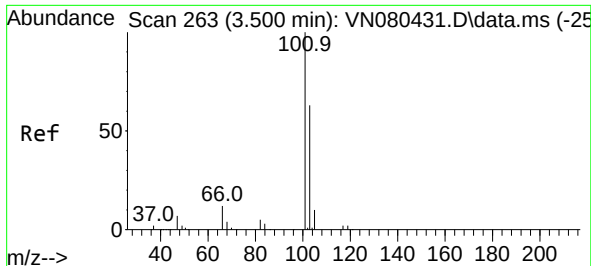
Reviewed By :John Carlone 12/21/2023
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#6
Chloroethane
Concen: 44.054 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080537.D
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Tgt Ion: 64 Resp: 85986
Ion Ratio Lower Upper
64 100
66 35.5 25.4 38.2





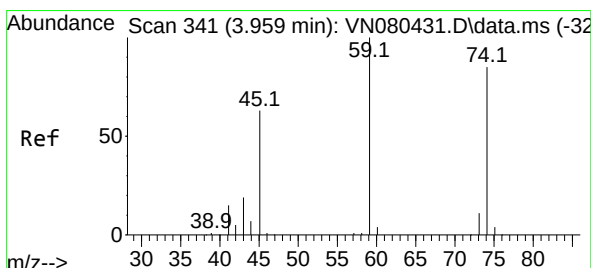
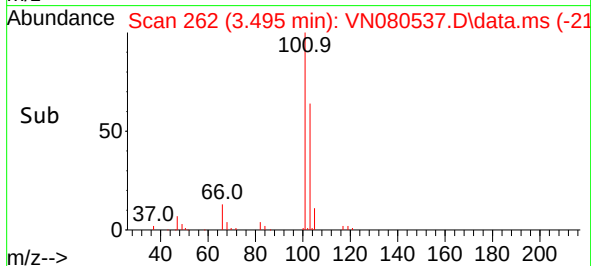
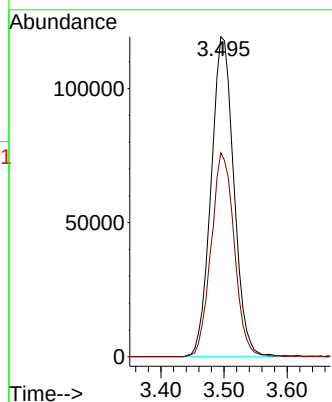
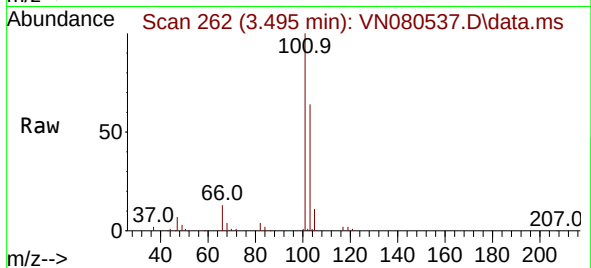
#7
Trichlorofluoromethane
Concen: 48.617 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

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Tgt Ion:101 Resp: 29952
Ion Ratio Lower Upper
101 100
103 63.7 50.7 76.1

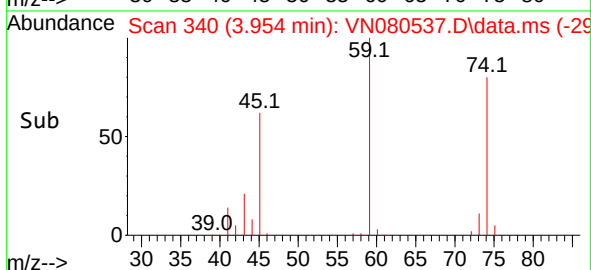
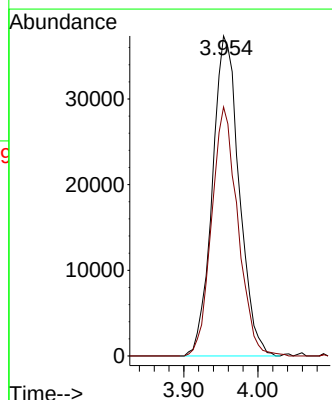
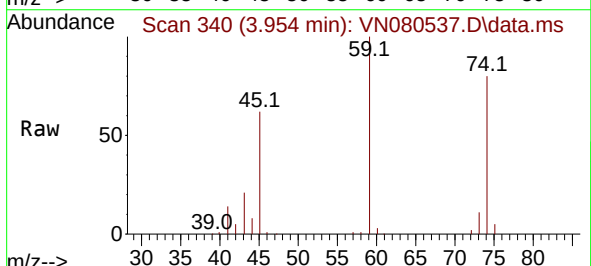
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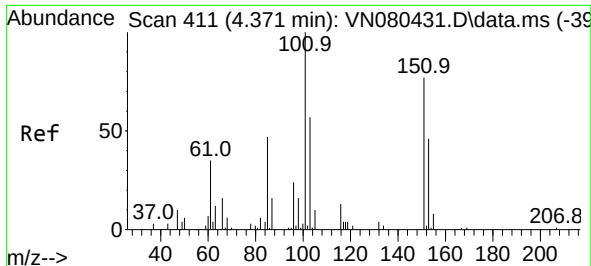
Reviewed By :John Carlone 12/21/2023
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#8
Diethyl Ether
Concen: 48.488 ug/l
RT: 3.954 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

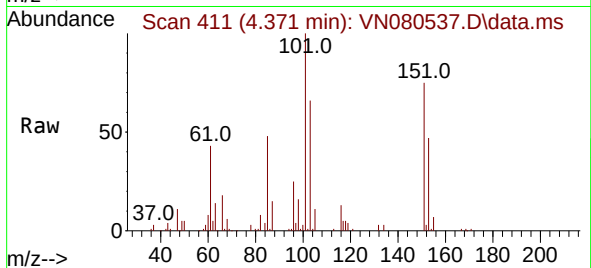
Tgt Ion: 74 Resp: 94093
Ion Ratio Lower Upper
74 100
45 75.7 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.997 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

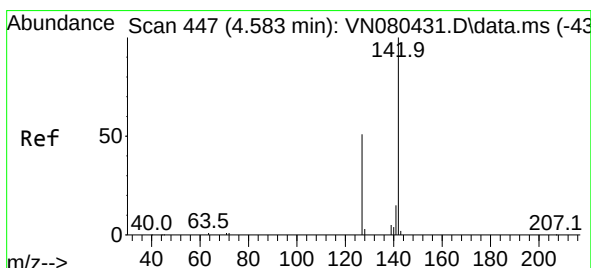
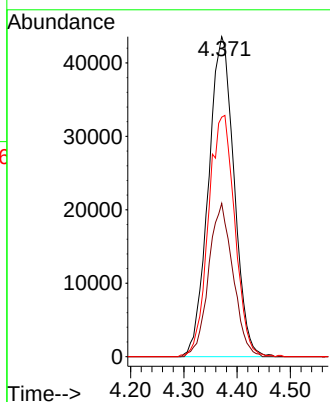
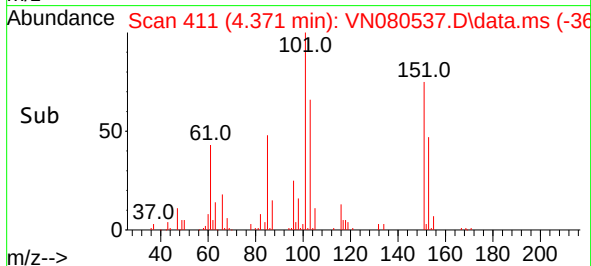
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



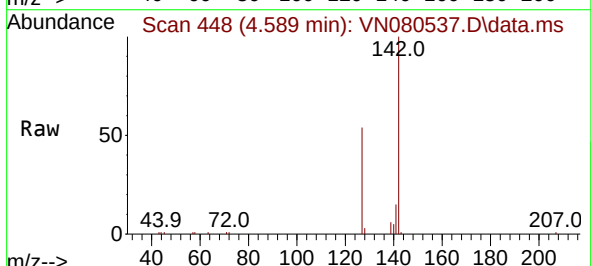
Tgt Ion:101 Resp: 145998
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 77.3 57.6 86.4

Manual Integrations
APPROVED

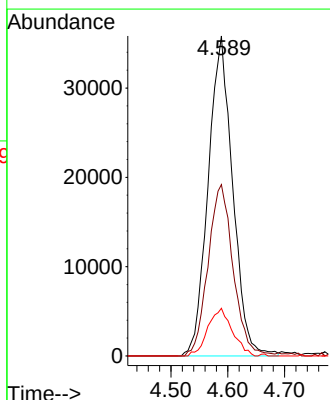
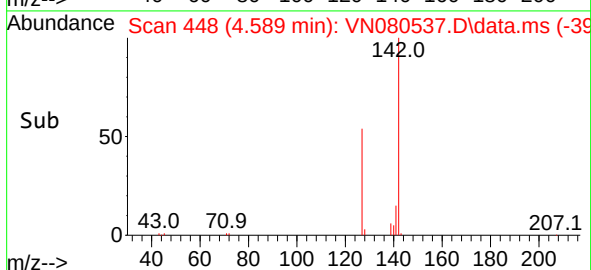
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

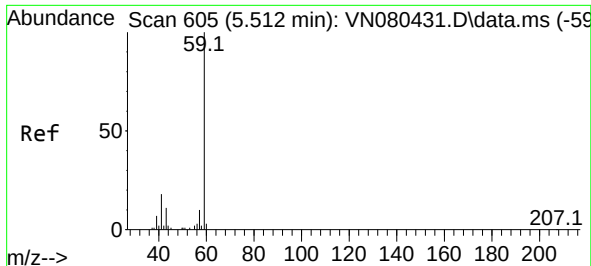


#10
Methyl Iodide
Concen: 41.828 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



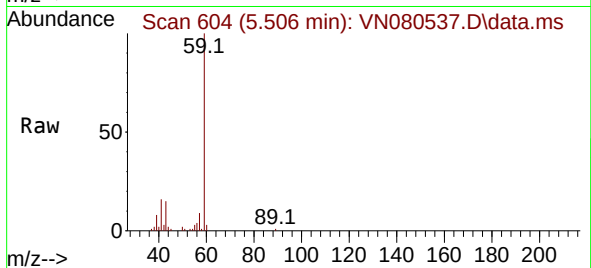
Tgt Ion:142 Resp: 107436
Ion Ratio Lower Upper
142 100
127 53.6 37.6 56.4
141 14.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 229.226 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

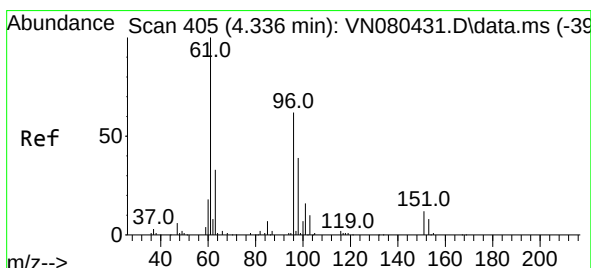
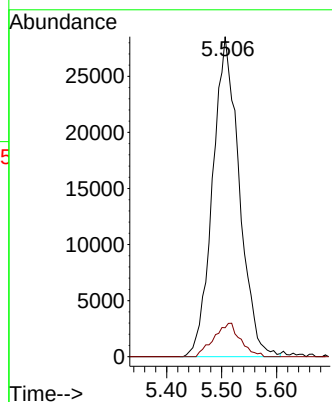
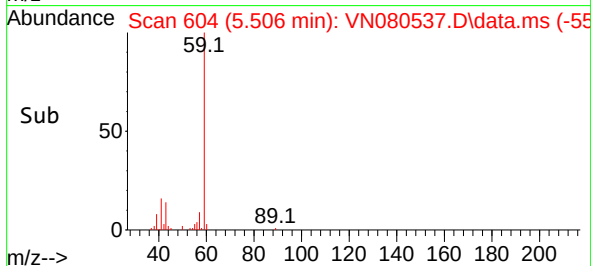
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



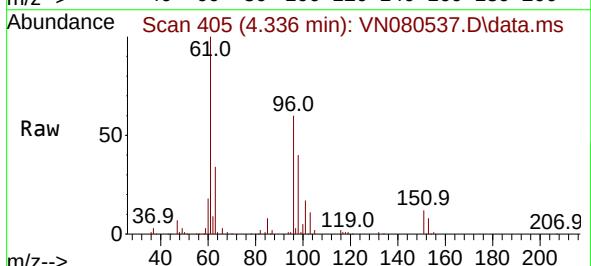
Tgt Ion: 59 Resp: 95969
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

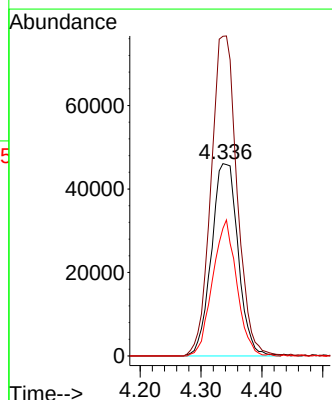
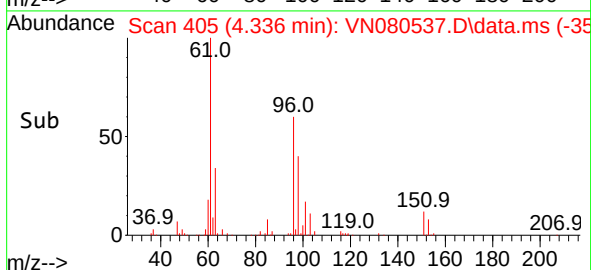
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

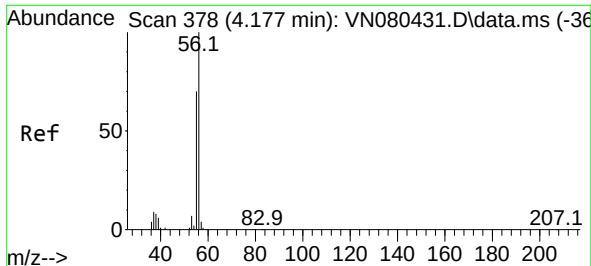


#12
1,1-Dichloroethene
Concen: 46.780 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion: 96 Resp: 139969
Ion Ratio Lower Upper
96 100
61 166.2 112.7 169.1
98 66.3 51.2 76.8





#13

Acrolein

Concen: 316.994 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 14534

Ion Ratio Lower Upper

56 100

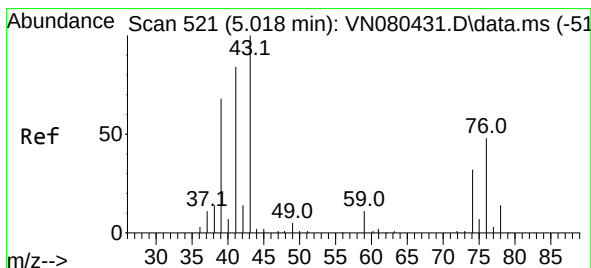
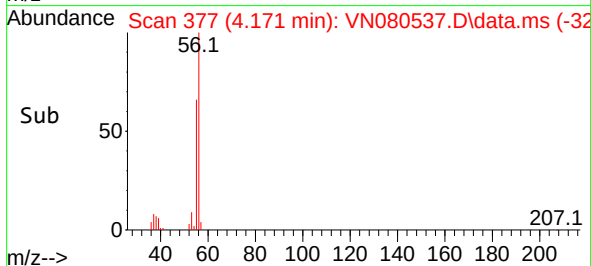
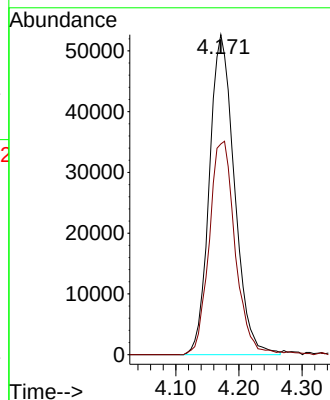
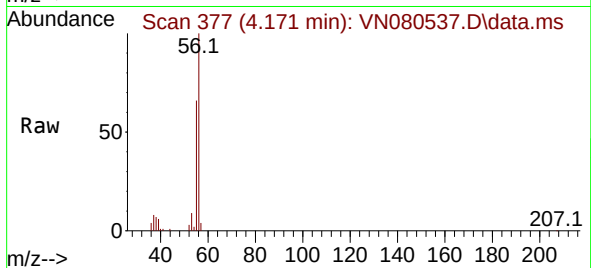
55 69.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#14

Allyl chloride

Concen: 47.175 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

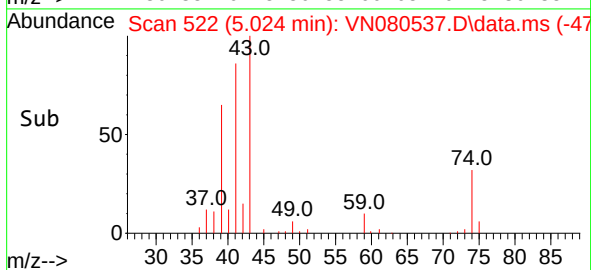
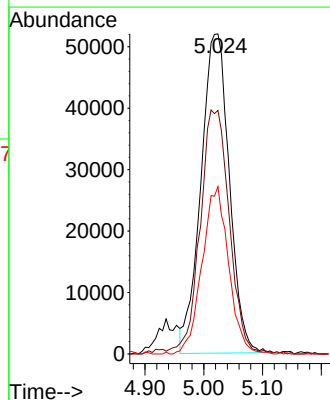
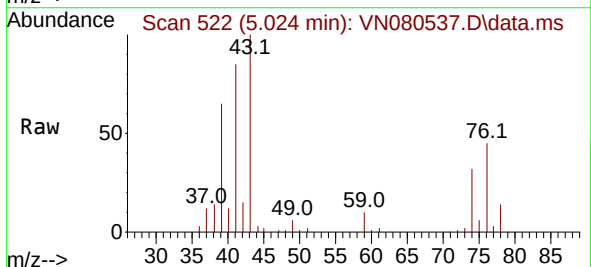
Tgt Ion: 41 Resp: 174640

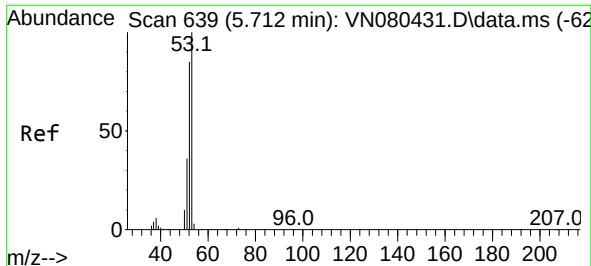
Ion Ratio Lower Upper

41 100

39 77.8 58.8 88.2

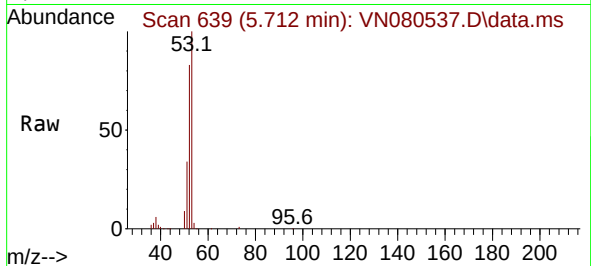
76 48.8 39.1 58.7





#15
Acrylonitrile
Concen: 264.099 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

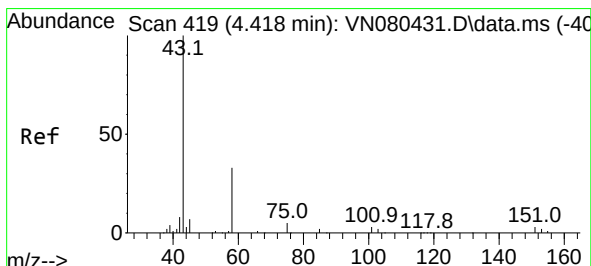
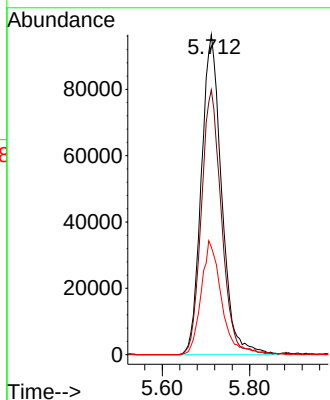
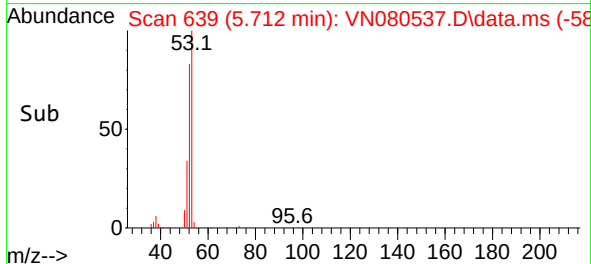
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



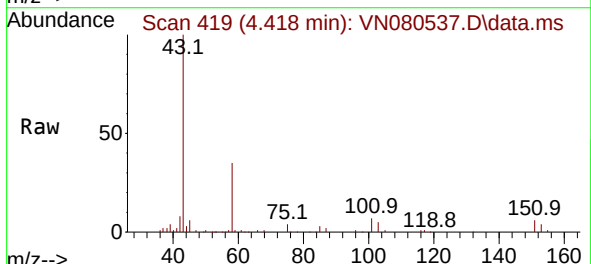
Tgt Ion: 53 Resp: 312419
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 35.8 28.9 43.3

Manual Integrations
APPROVED

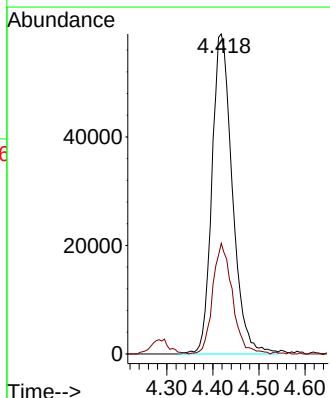
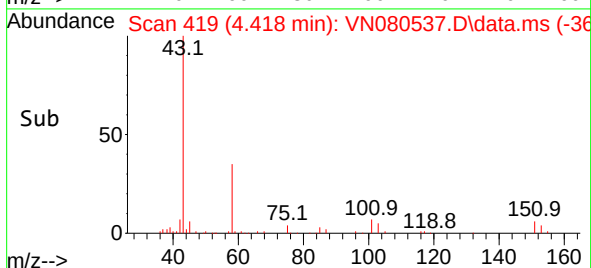
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

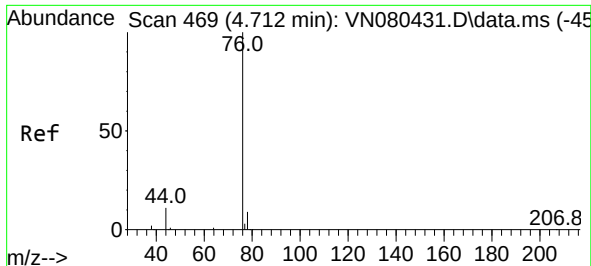


#16
Acetone
Concen: 288.384 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion: 43 Resp: 181774
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0





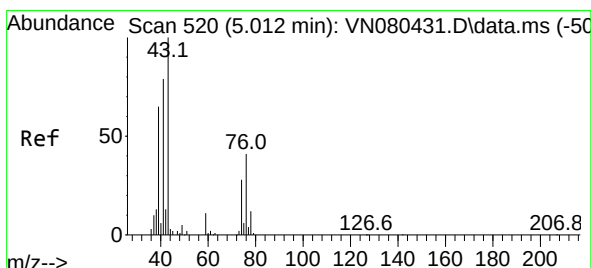
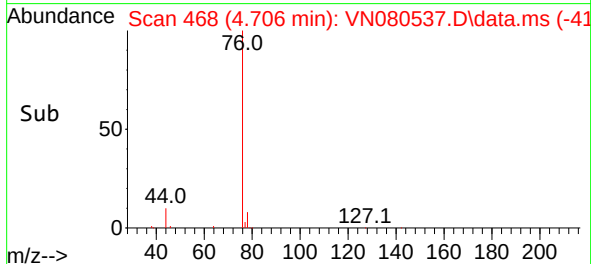
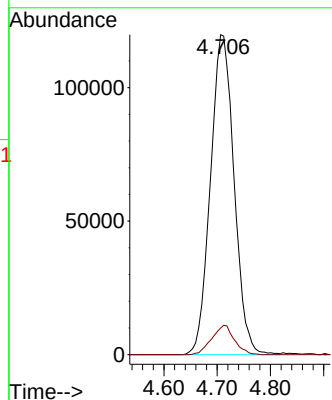
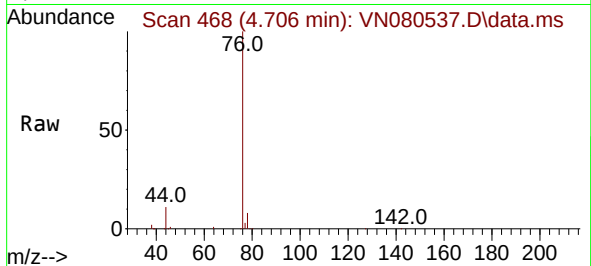
#17
Carbon Disulfide
Concen: 43.533 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 36914
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

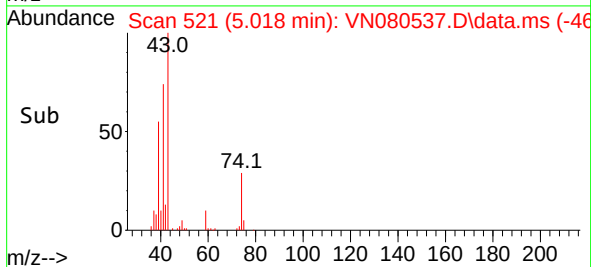
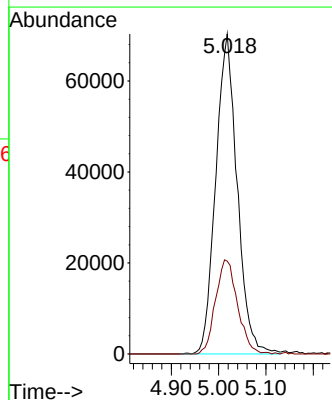
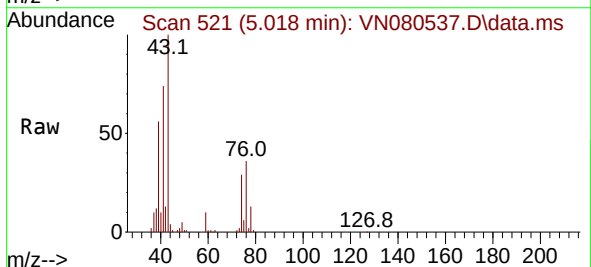
Manual Integrations
APPROVED

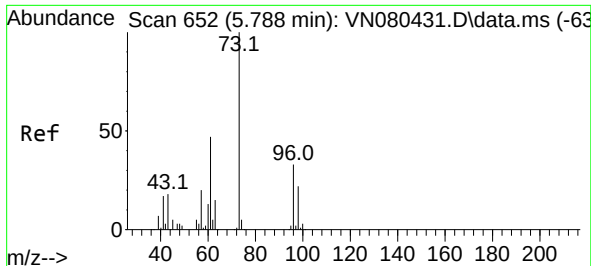
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#18
Methyl Acetate
Concen: 54.441 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

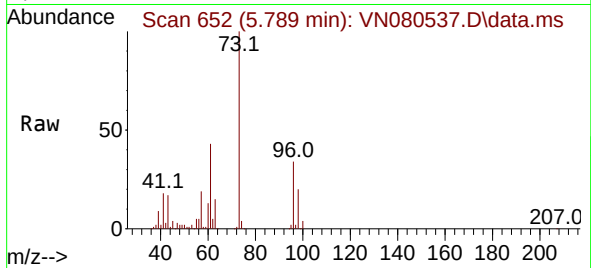
Tgt Ion: 43 Resp: 220799
Ion Ratio Lower Upper
43 100
74 30.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 50.853 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

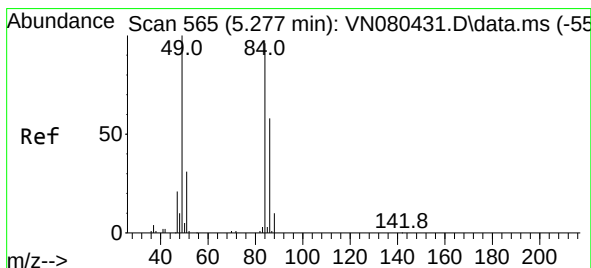
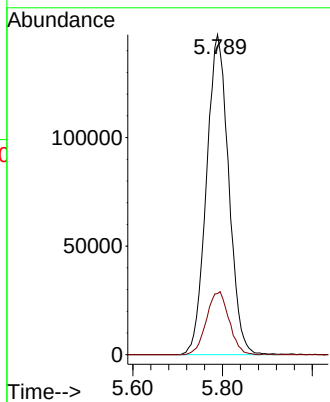
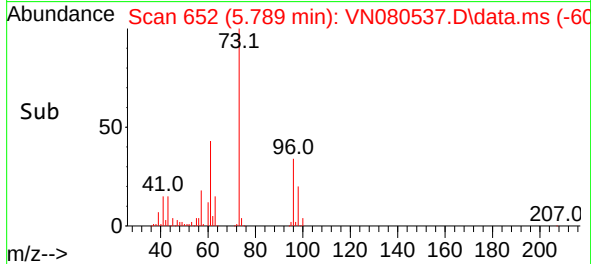
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 50764
Ion Ratio Lower Upper
73 100
57 19.1 15.6 23.4

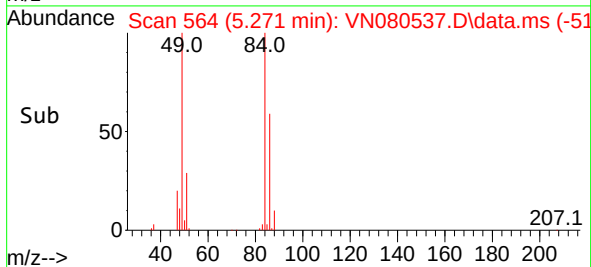
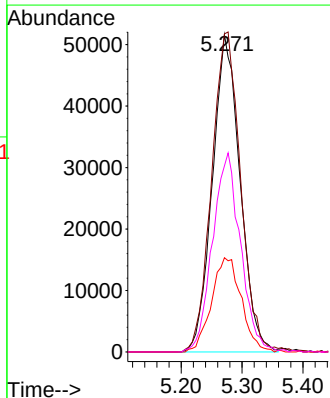
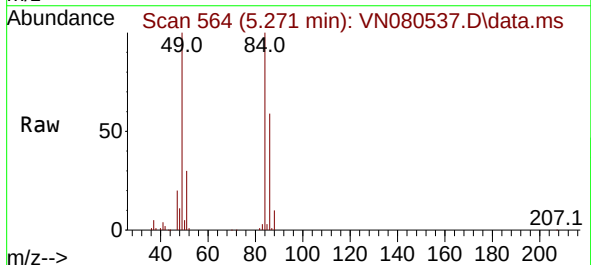
Manual Integrations
APPROVED

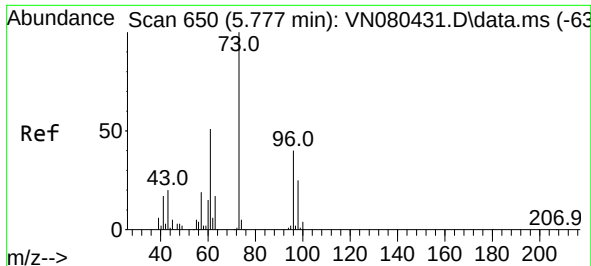
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#20
Methylene Chloride
Concen: 48.225 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Tgt Ion: 84 Resp: 162676
Ion Ratio Lower Upper
84 100
49 100.3 79.7 119.5
51 29.7 25.2 37.8
86 58.7 53.3 79.9





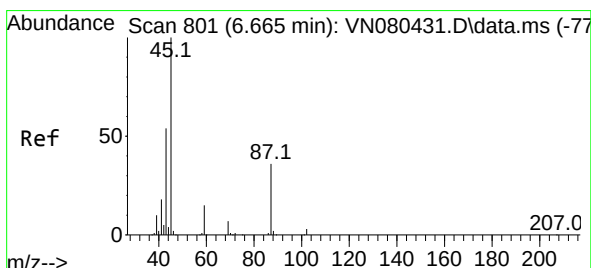
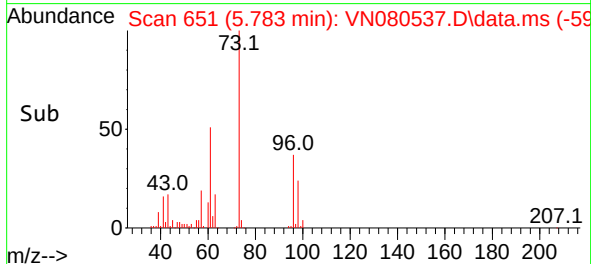
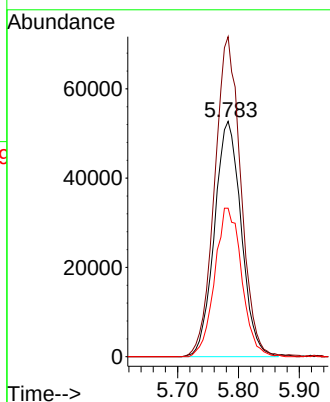
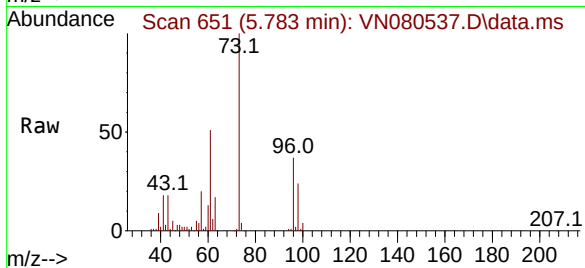
#21
trans-1,2-Dichloroethene
Concen: 49.682 ug/l
RT: 5.783 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 16118
Ion Ratio Lower Upper
96 100
61 136.0 90.1 135.1
98 63.1 46.4 69.6

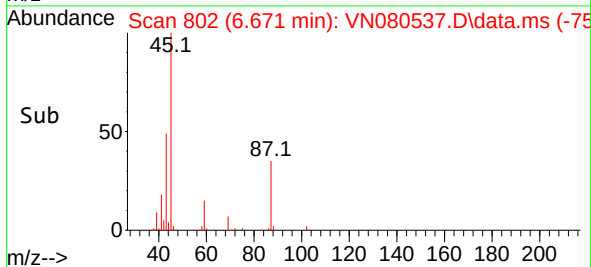
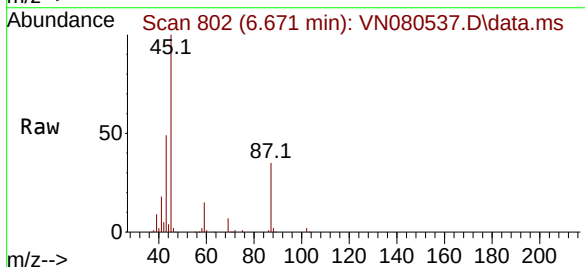
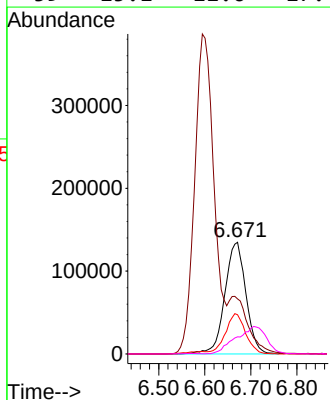
Manual Integrations
APPROVED

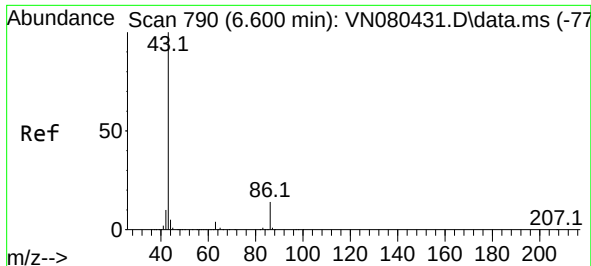
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#22
Diisopropyl ether
Concen: 53.590 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Tgt Ion: 45 Resp: 428174
Ion Ratio Lower Upper
45 100
43 47.9 45.5 68.3
87 35.0 31.8 47.8
59 15.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 247.600 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN080537.D
 Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

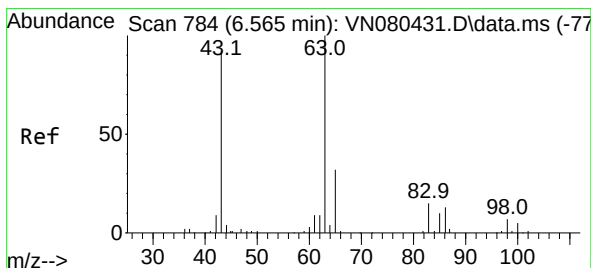
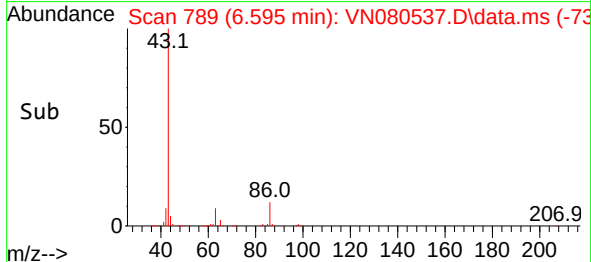
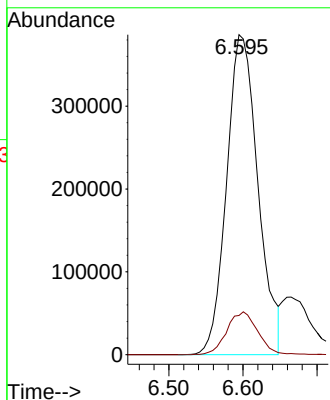
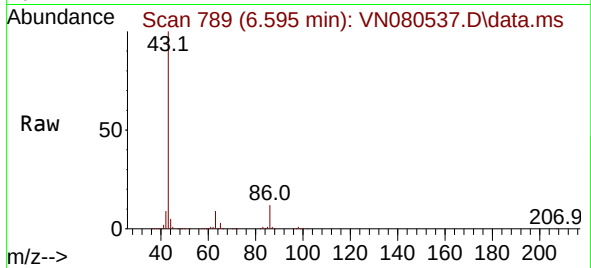
VSTDCCC050

Tgt Ion: 43 Resp: 1136210
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations

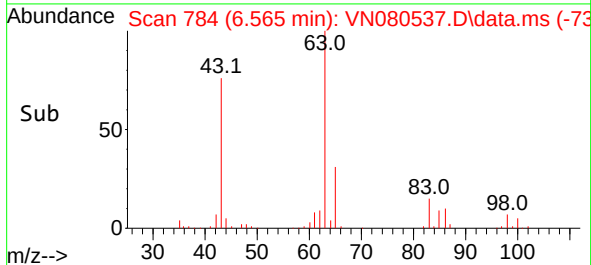
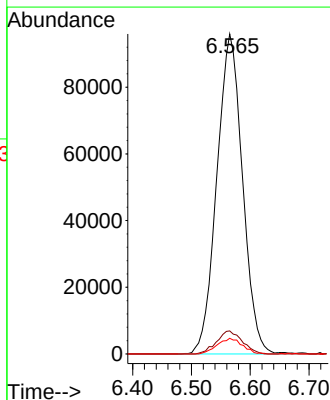
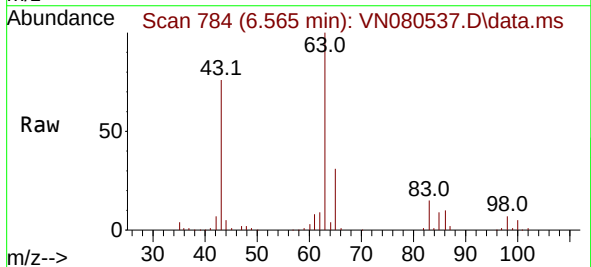
APPROVED

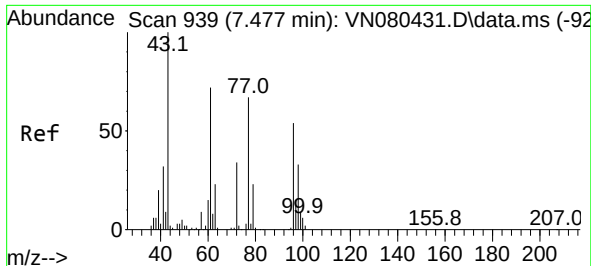
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#24
 1,1-Dichloroethane
 Concen: 52.172 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080537.D
 Acq: 20 Dec 2023 10:57

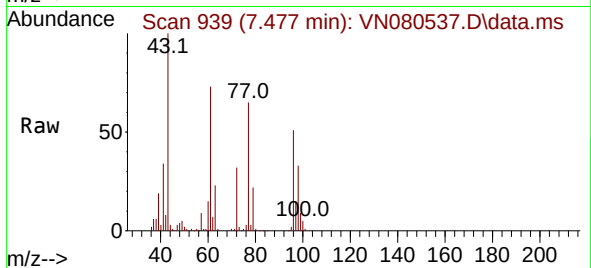
Tgt Ion: 63 Resp: 290832
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 268.692 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

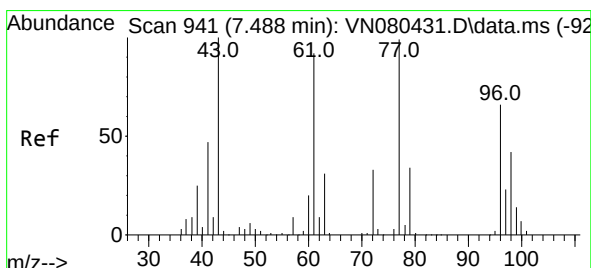
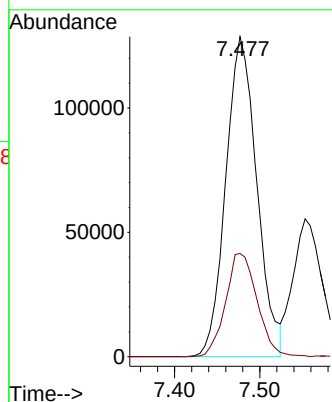
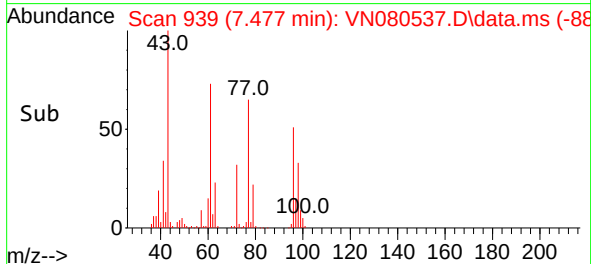
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 32626
Ion Ratio Lower Upper
43 100
72 32.2 30.2 45.2

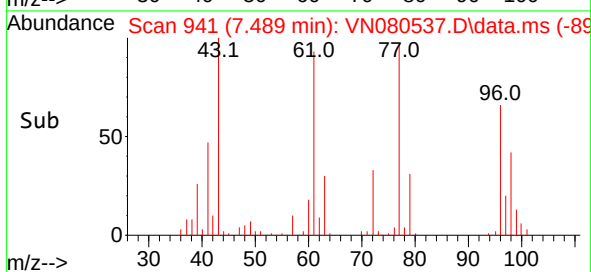
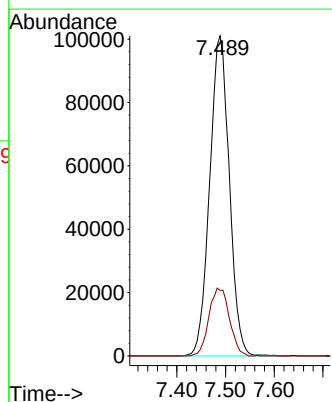
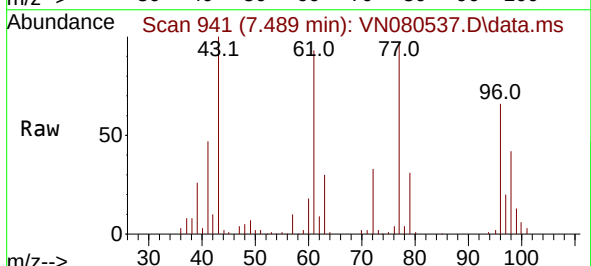
Manual Integrations
APPROVED

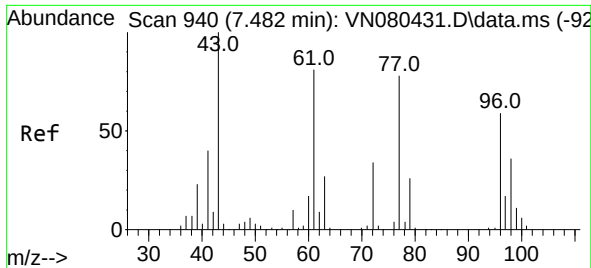
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#26
2,2-Dichloropropane
Concen: 49.534 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

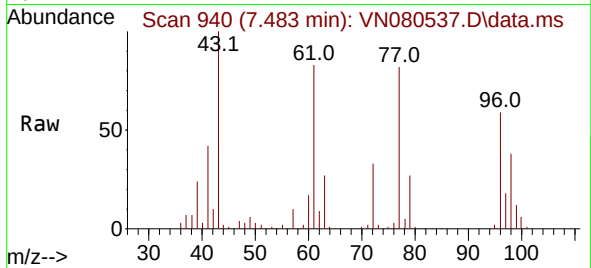
Tgt Ion: 77 Resp: 282353
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.067 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080537.D
 Acq: 20 Dec 2023 10:57

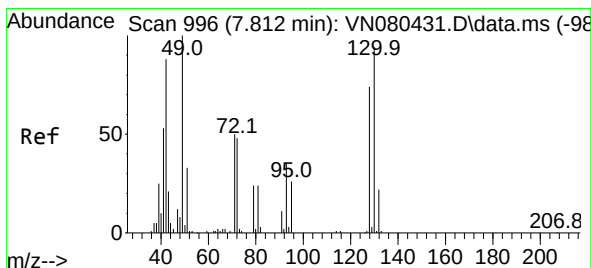
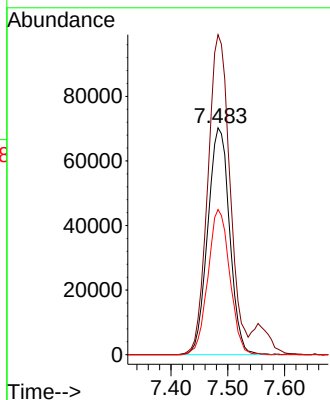
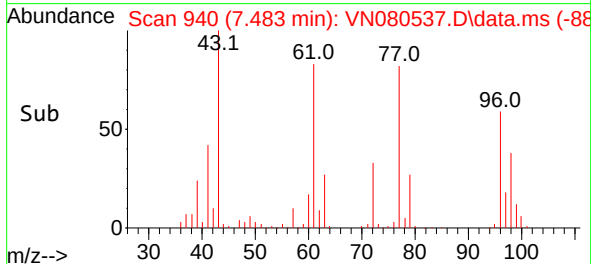
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



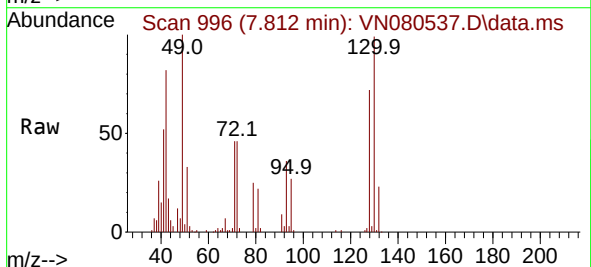
Tgt Ion: 96 Resp: 187530
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 255.2
 98 63.9 0.0 128.8

Manual Integrations
 APPROVED

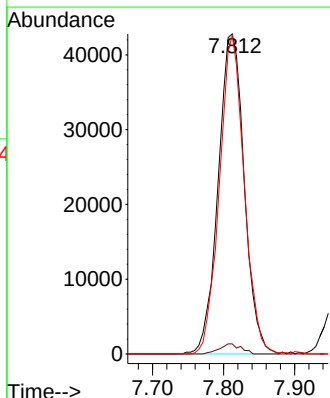
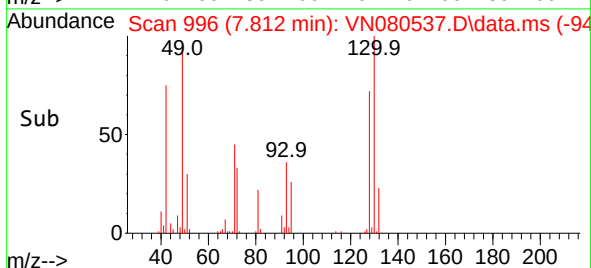
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

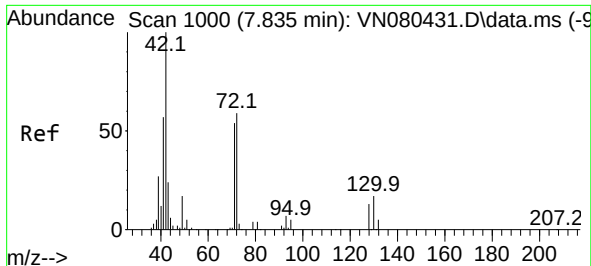


#28
 Bromochloromethane
 Concen: 50.825 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080537.D
 Acq: 20 Dec 2023 10:57



Tgt Ion: 49 Resp: 108783
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 94.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 243.013 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

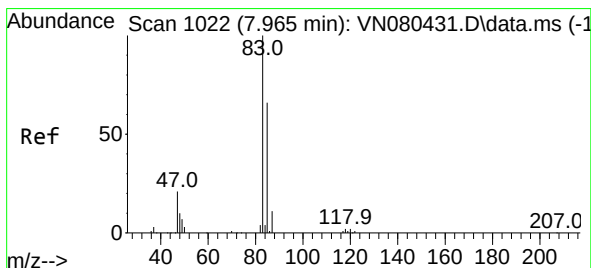
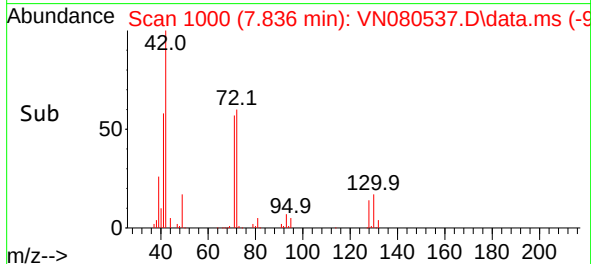
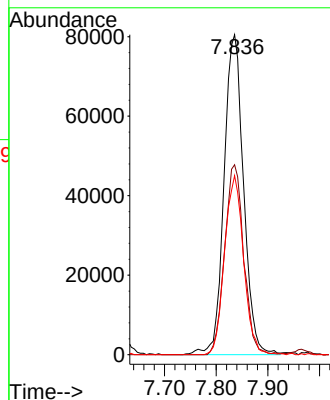
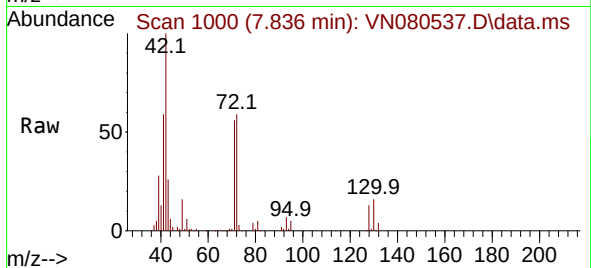
Tgt Ion:	42	Resp:	21130
Ion Ratio	Lower	Upper	
42	100		
72	57.9	49.8	74.6
71	54.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#30

Chloroform

Concen: 52.857 ug/l

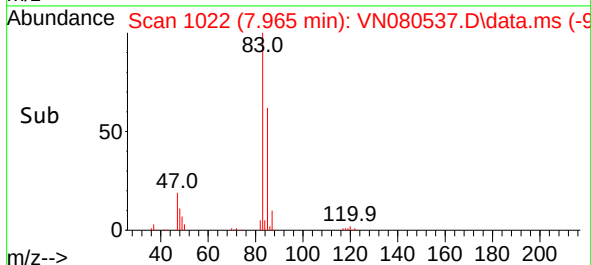
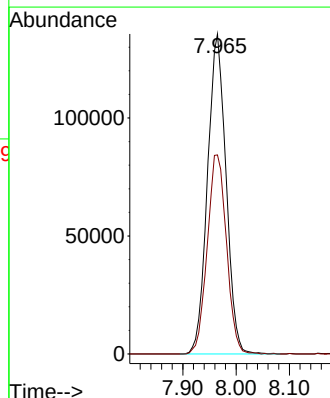
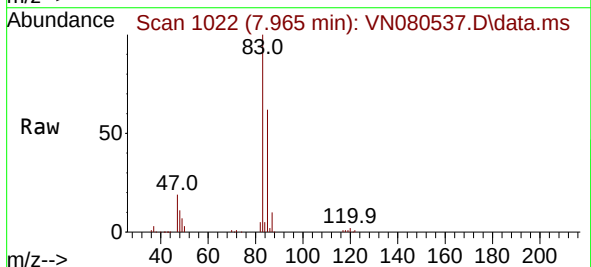
RT: 7.965 min Scan# 1022

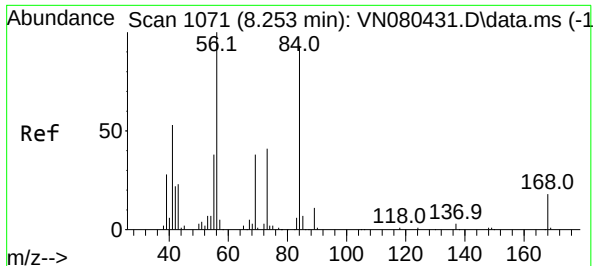
Delta R.T. 0.000 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

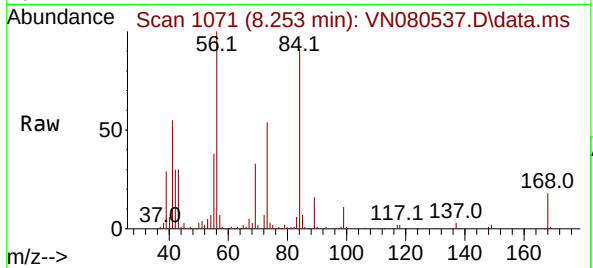
Tgt Ion:	83	Resp:	327066
Ion Ratio	Lower	Upper	
83	100		
85	62.2	55.4	83.0





#31
Cyclohexane
Concen: 46.255 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

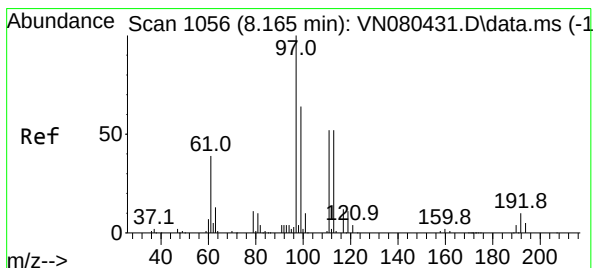
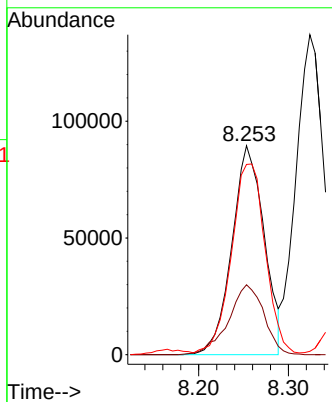
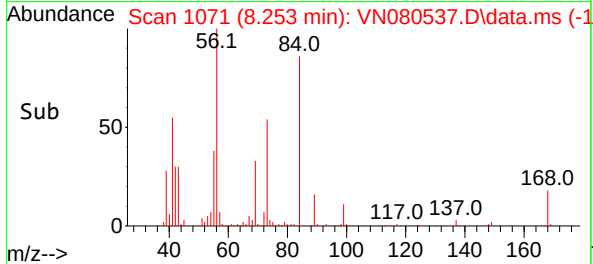
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



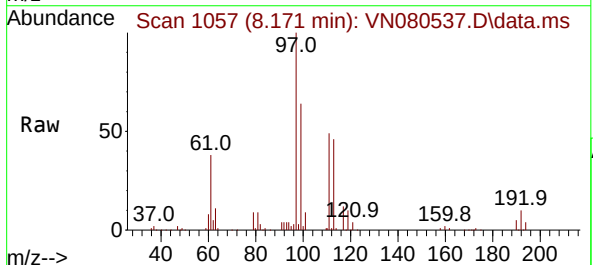
Tgt Ion: 56 Resp: 223610
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 88.9 81.8 122.6

Manual Integrations
APPROVED

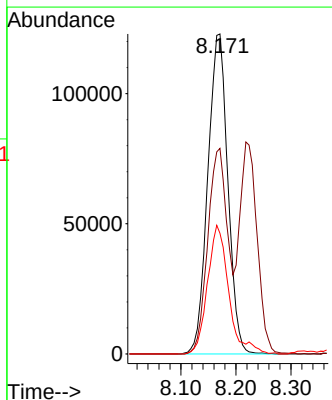
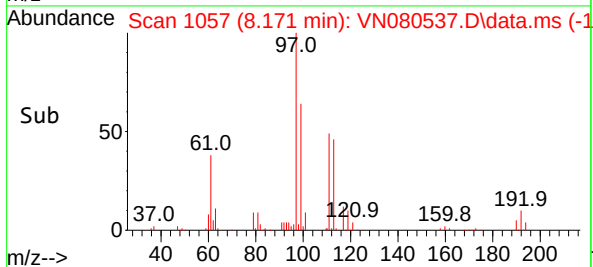
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

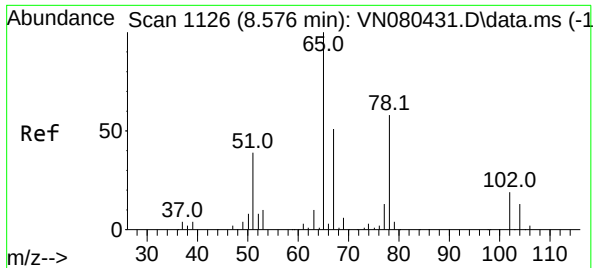


#32
1,1,1-Trichloroethane
Concen: 51.330 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion: 97 Resp: 310983
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 42.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.440 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 19708

Ion Ratio Lower Upper

65 100

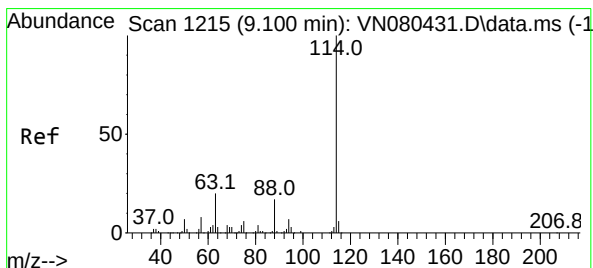
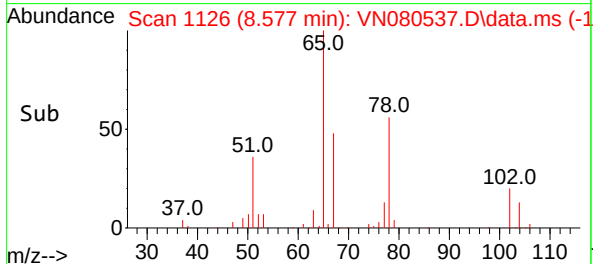
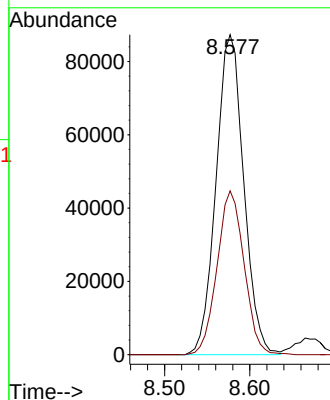
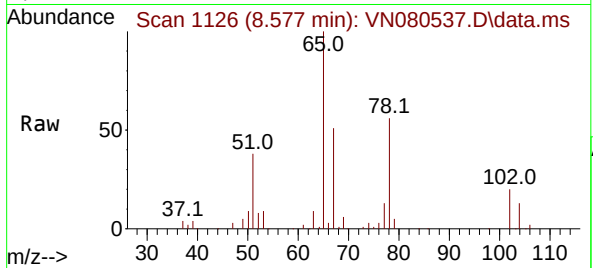
67 50.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

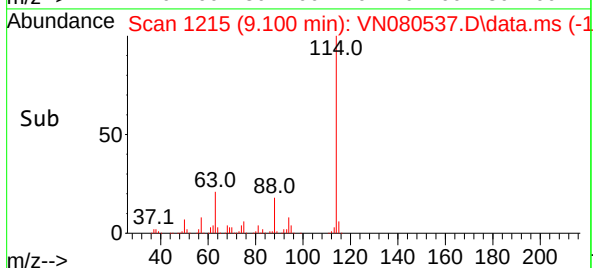
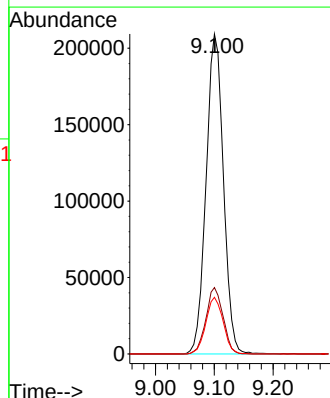
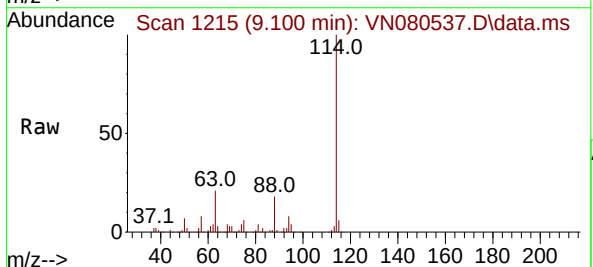
Tgt Ion:114 Resp: 428466

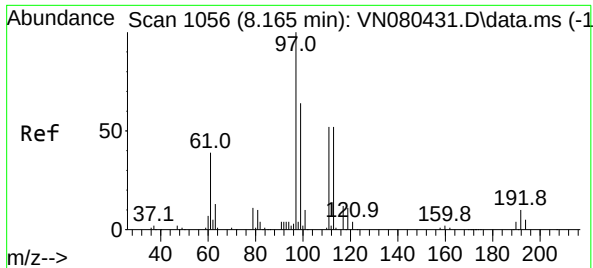
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

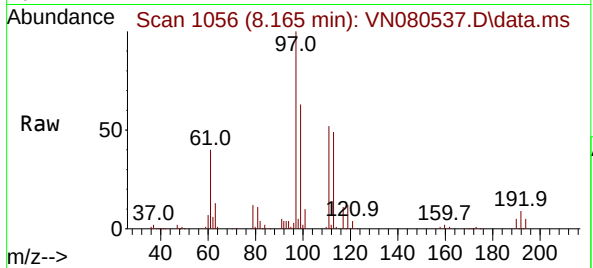
88 17.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.698 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

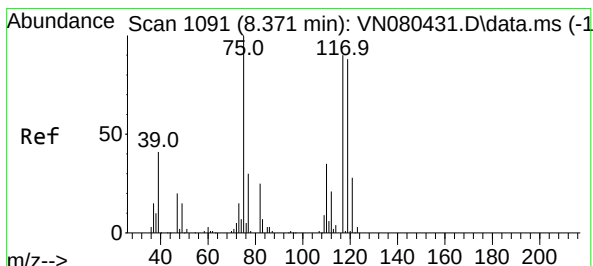
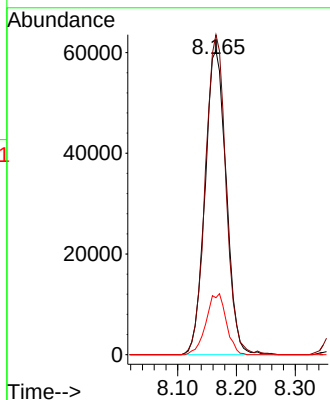
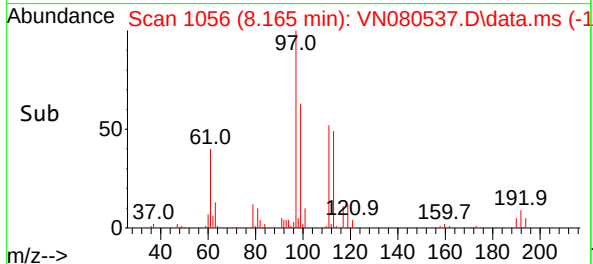
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 151312
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.1 12.7 19.1

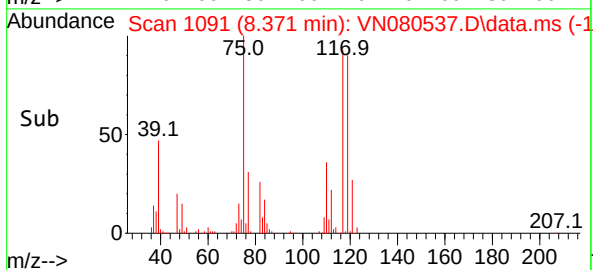
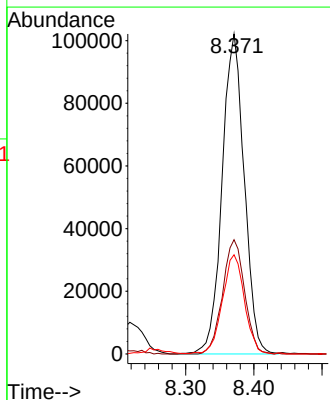
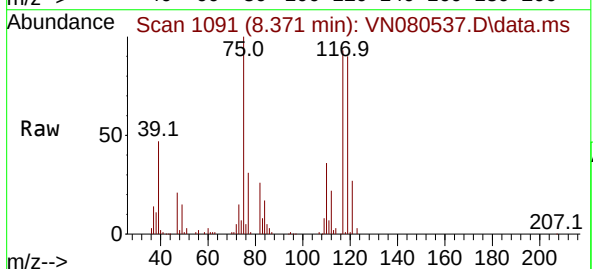
Manual Integrations
APPROVED

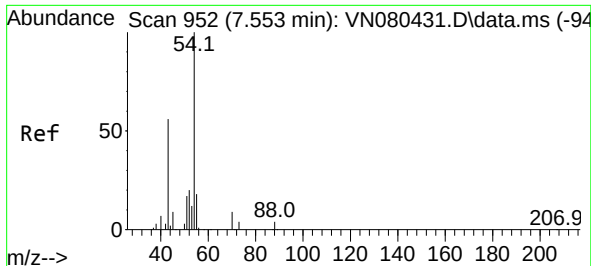
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#36
1,1-Dichloropropene
Concen: 51.868 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Tgt Ion: 75 Resp: 230393
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 48.765 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080537.D

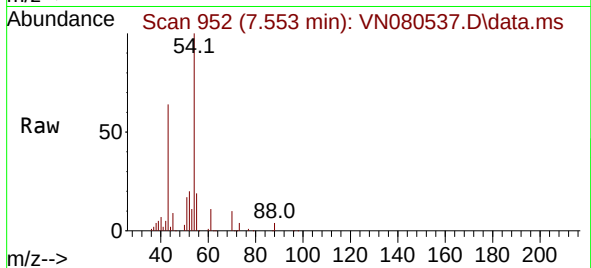
Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



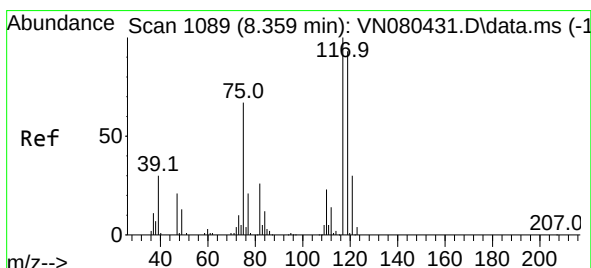
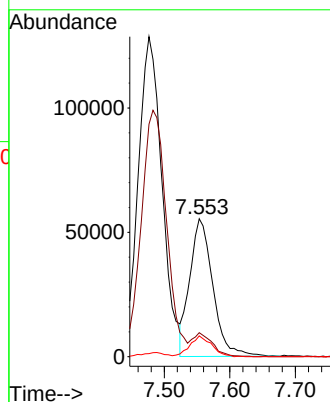
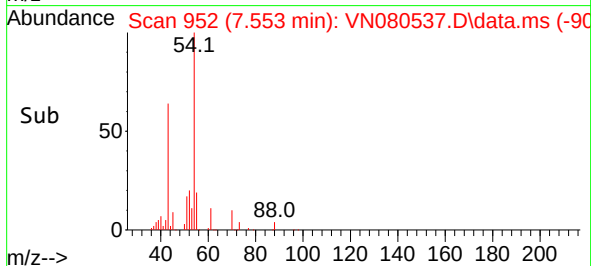
Tgt Ion:	43	Resp:	135640
Ion	Ratio	Lower	Upper
43	100		
61	15.2	13.2	19.8
70	14.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#38

Carbon Tetrachloride

Concen: 51.289 ug/l

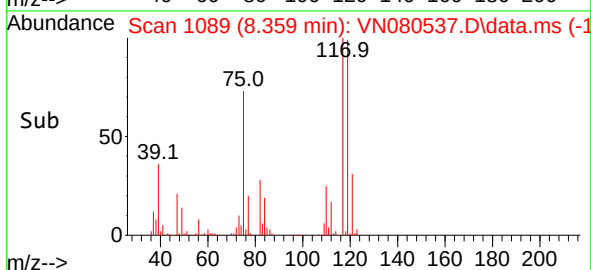
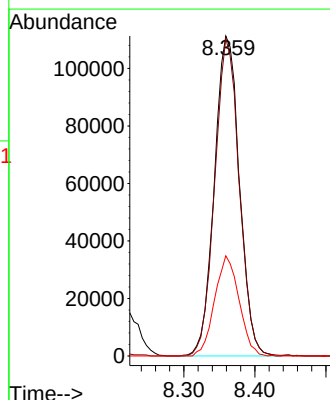
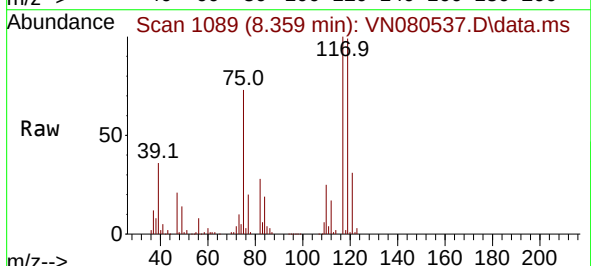
RT: 8.359 min Scan# 1089

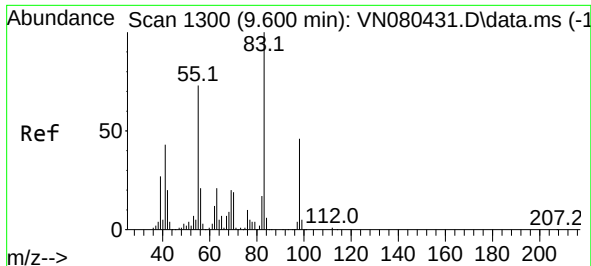
Delta R.T. 0.000 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Tgt Ion:	117	Resp:	272220
Ion	Ratio	Lower	Upper
117	100		
119	99.2	77.3	115.9
121	31.3	23.3	34.9





#39

Methylcyclohexane

Concen: 48.005 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

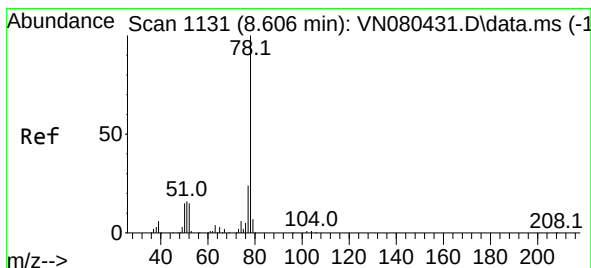
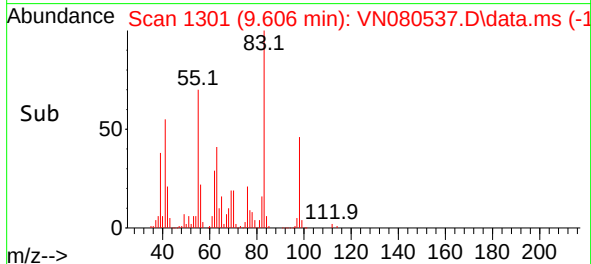
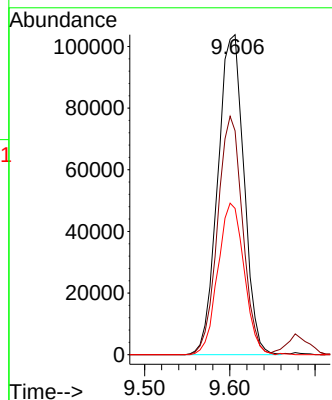
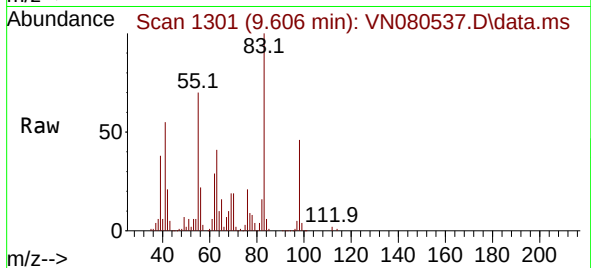
Tgt Ion:	83	Resp:	221518
Ion	Ratio	Lower	Upper
83	100		
55	70.0	49.1	73.7
98	45.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#40

Benzene

Concen: 52.334 ug/l

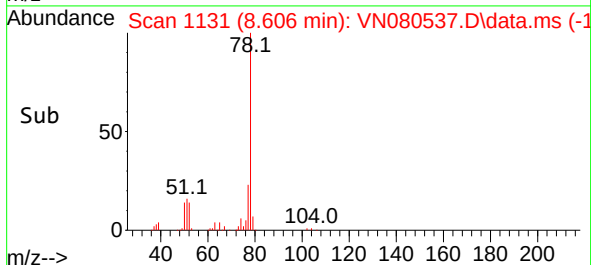
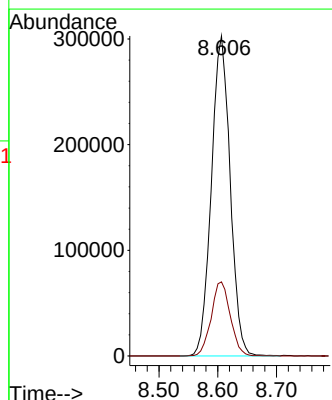
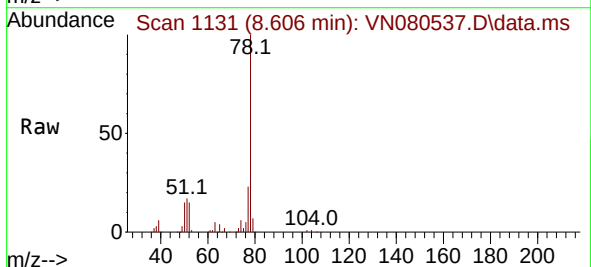
RT: 8.606 min Scan# 1131

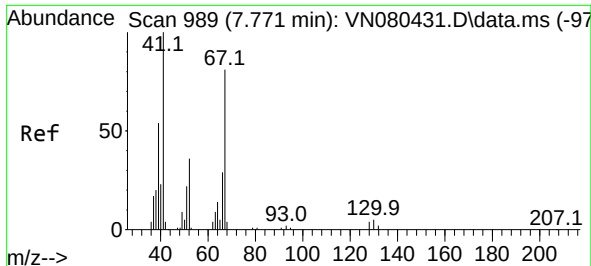
Delta R.T. 0.000 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Tgt Ion:	78	Resp:	671266
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





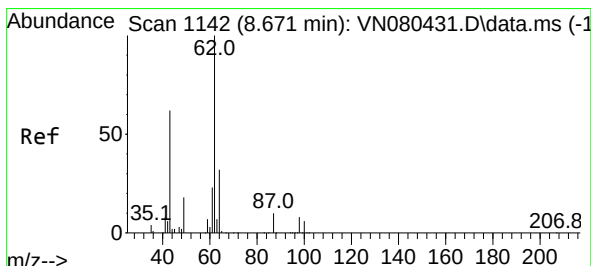
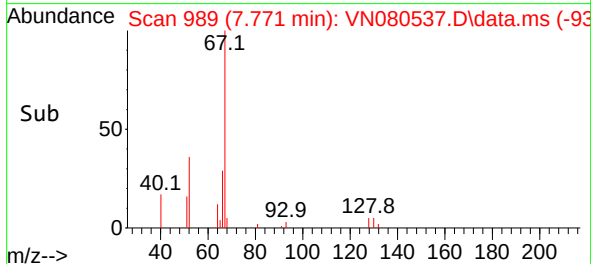
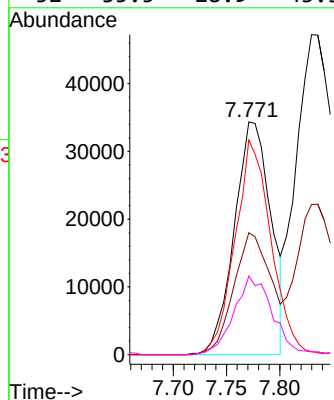
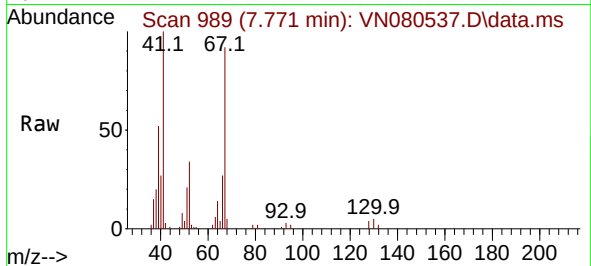
#41
Methacrylonitrile
Concen: 51.228 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	8214
Ion Ratio	Lower	Upper	
41	100		
39	53.1	42.6	64.0
67	90.7	77.5	116.3
52	35.5	28.9	43.3

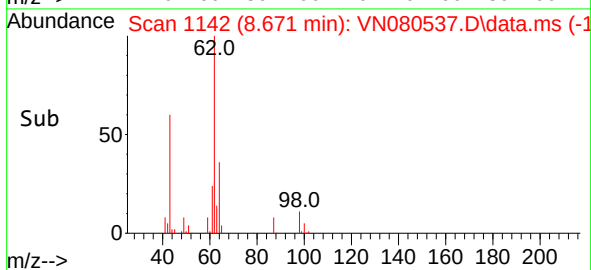
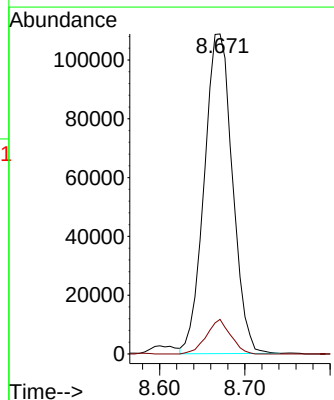
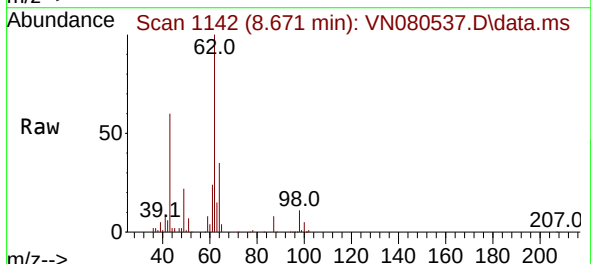
Manual Integrations
APPROVED

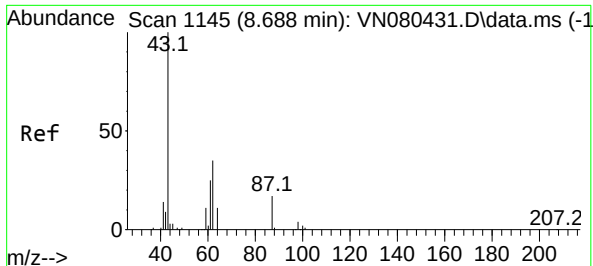
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#42
1,2-Dichloroethane
Concen: 52.638 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

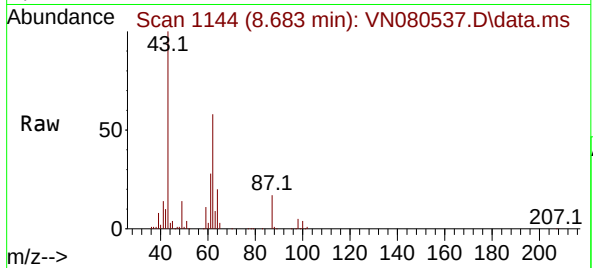
Tgt Ion:	62	Resp:	250023
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	19.8





#43
Isopropyl Acetate
Concen: 51.934 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

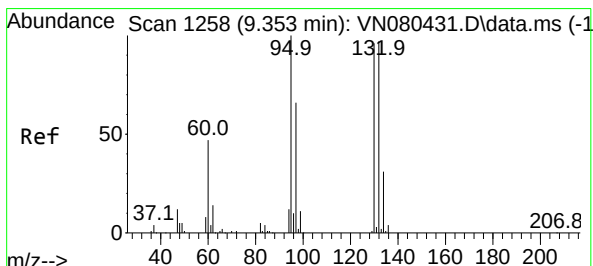
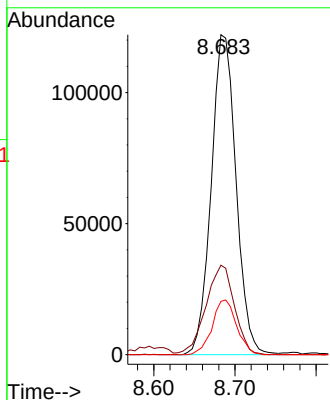
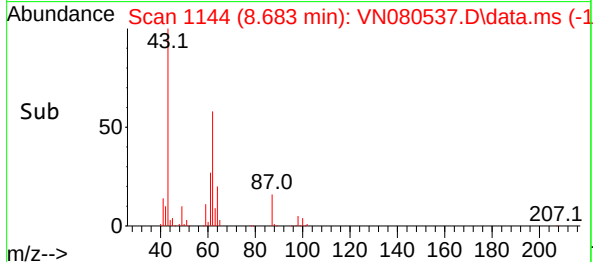
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



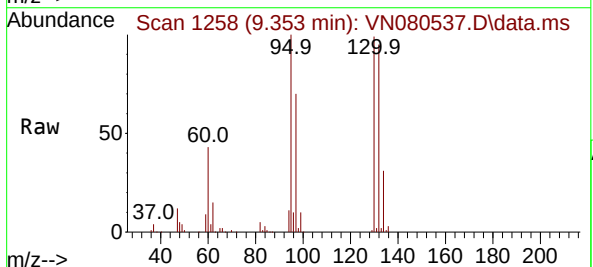
Tgt Ion: 43 Resp: 259734
Ion Ratio Lower Upper
43 100
61 32.2 24.7 37.1
87 16.8 14.6 21.8

Manual Integrations
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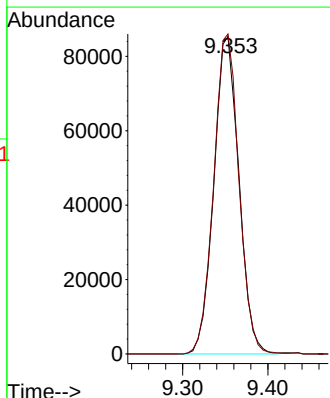
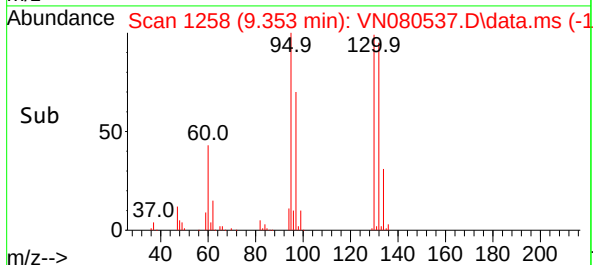
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

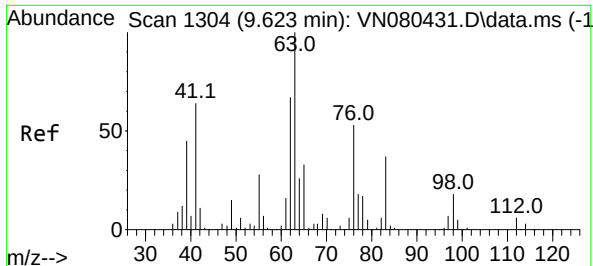


#44
Trichloroethene
Concen: 50.386 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion:130 Resp: 174228
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.486 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 158119

Ion Ratio Lower Upper

63 100

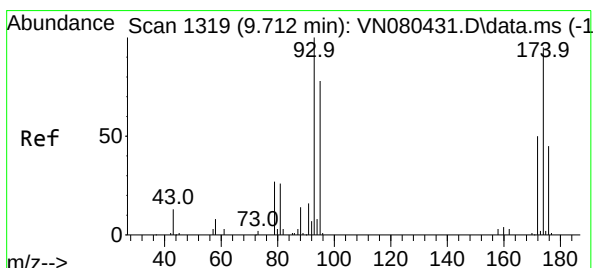
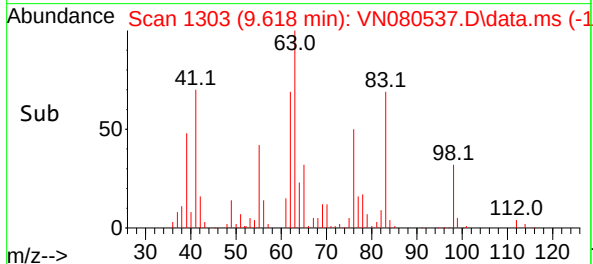
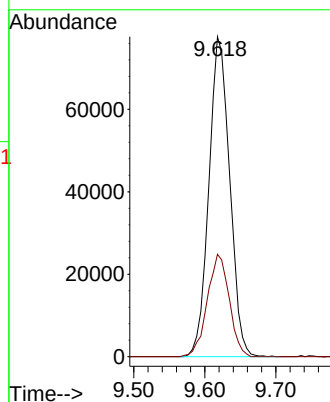
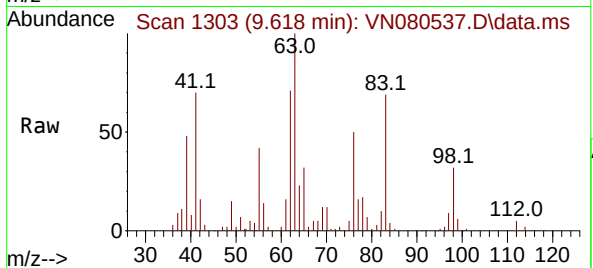
65 32.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#46

Dibromomethane

Concen: 53.515 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

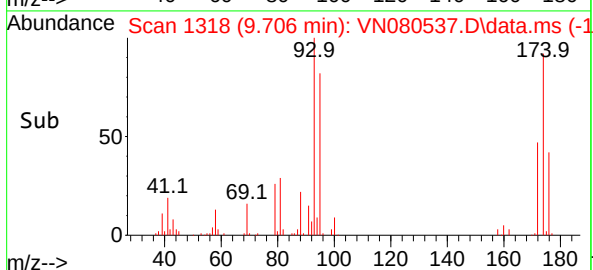
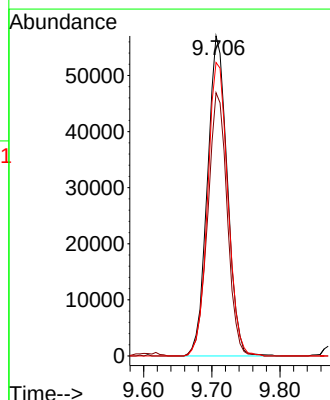
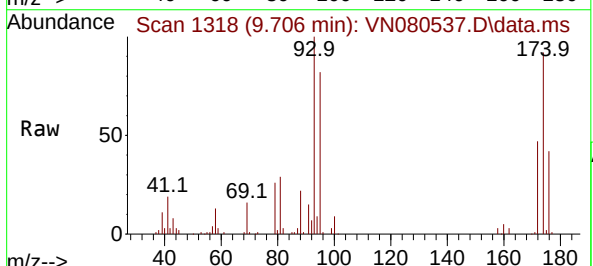
Tgt Ion: 93 Resp: 115776

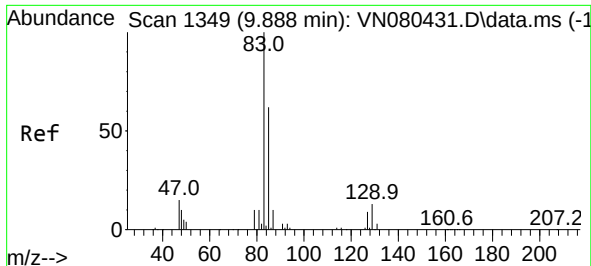
Ion Ratio Lower Upper

93 100

95 80.6 63.8 95.8

174 93.3 65.6 98.4





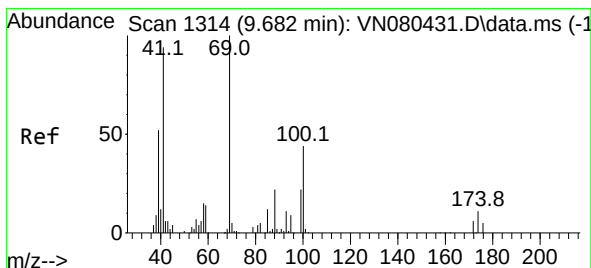
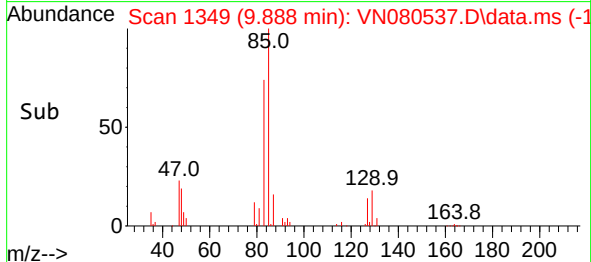
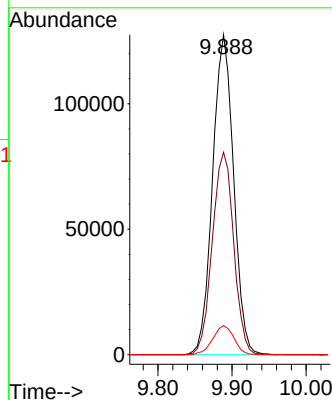
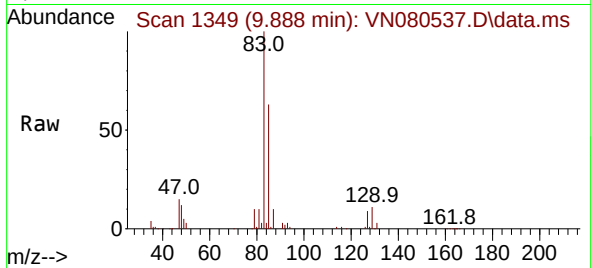
#47
Bromodichloromethane
Concen: 54.068 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 25069
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 9.1 7.0 10.6

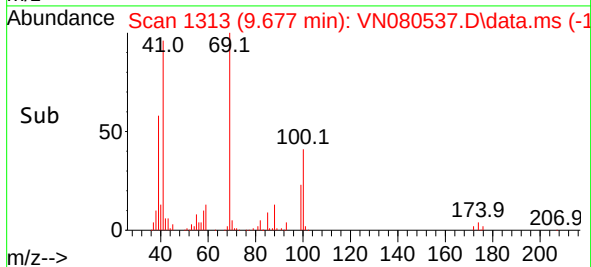
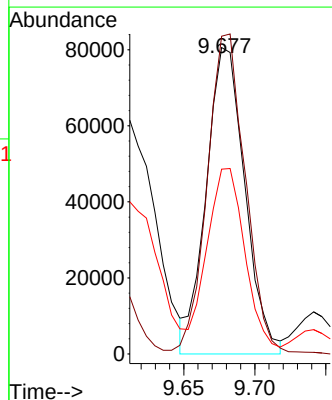
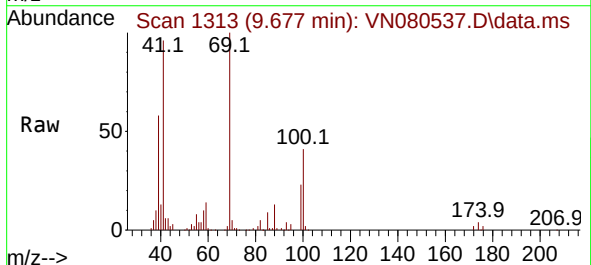
Manual Integrations
APPROVED

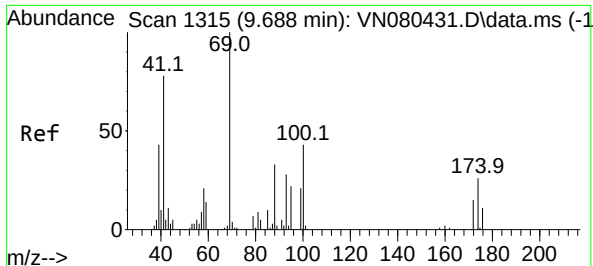
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#48
Methyl methacrylate
Concen: 51.124 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Tgt Ion: 41 Resp: 152580
Ion Ratio Lower Upper
41 100
69 103.2 90.4 135.6
39 59.8 54.6 81.8





#49

1,4-Dioxane

Concen: 1008.791 ug/l

RT: 9.694 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 45638

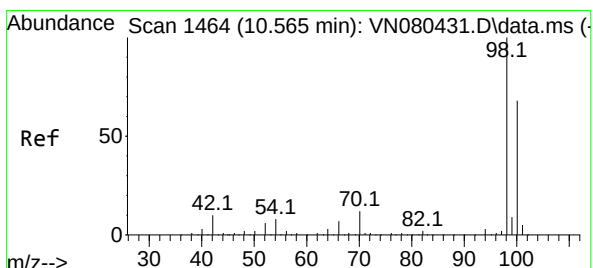
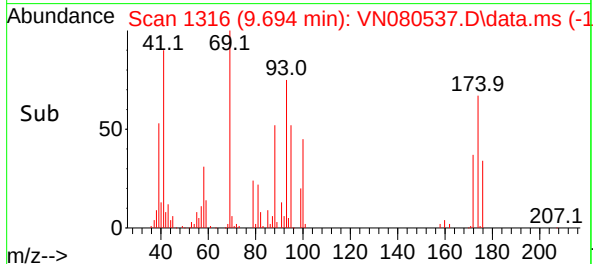
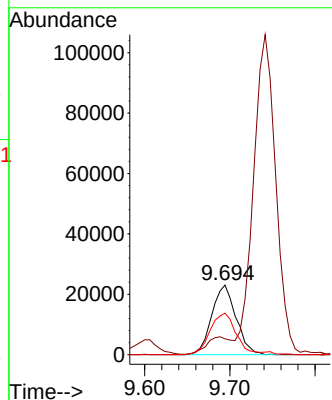
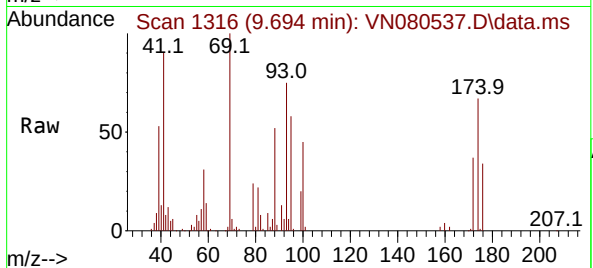
Ion	Ratio	Lower	Upper
88	100		
43	27.0	17.0	25.6
58	65.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#50

Toluene-d8

Concen: 55.552 ug/l

RT: 10.565 min Scan# 1464

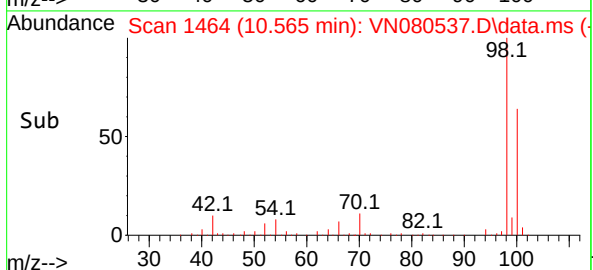
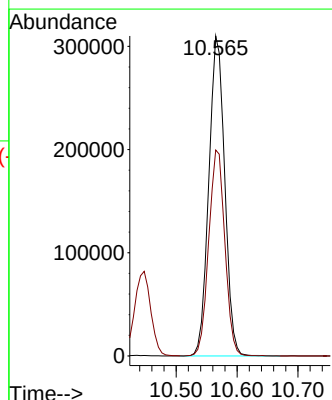
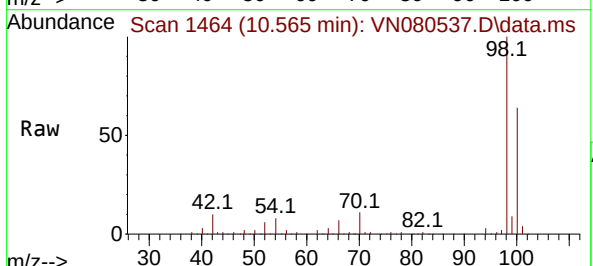
Delta R.T. 0.000 min

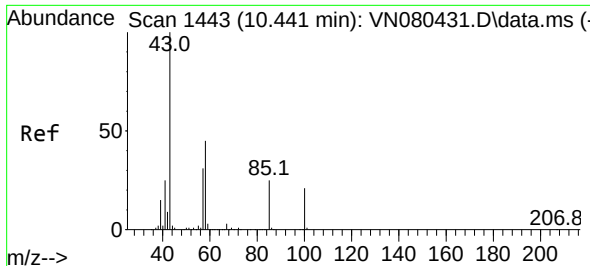
Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Tgt Ion: 98 Resp: 562836

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0





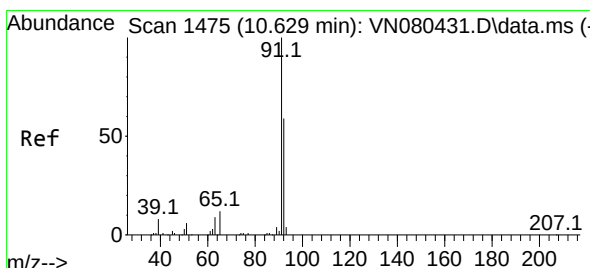
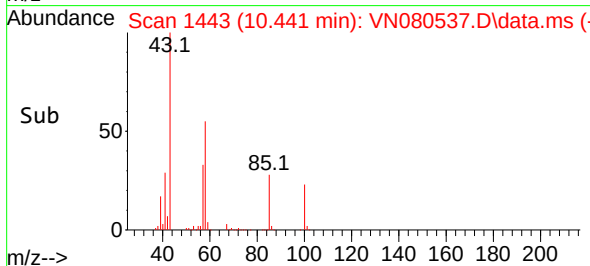
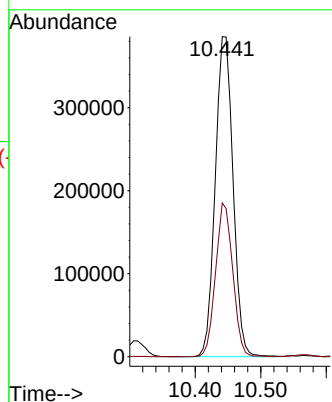
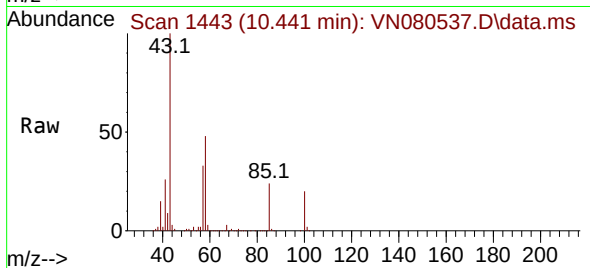
#51
4-Methyl-2-Pentanone
Concen: 263.156 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 72483
Ion Ratio Lower Upper
43 100
58 46.3 36.6 54.8

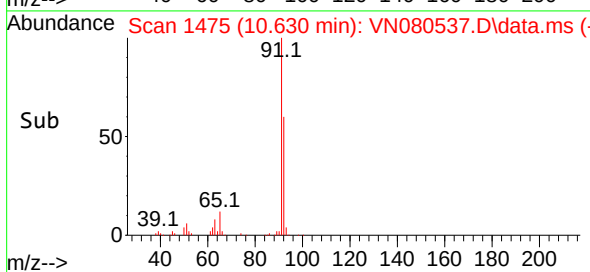
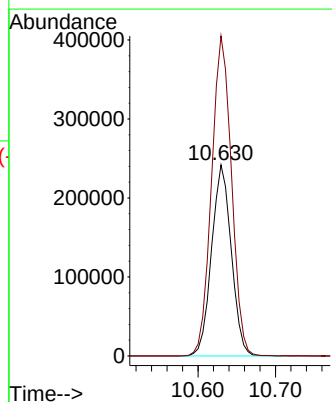
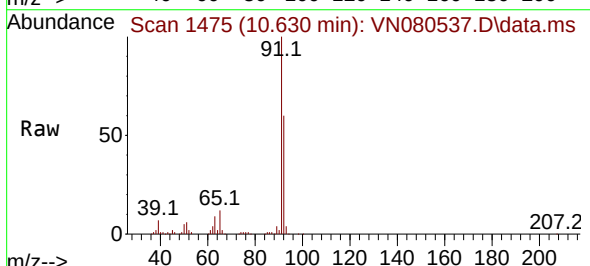
Manual Integrations
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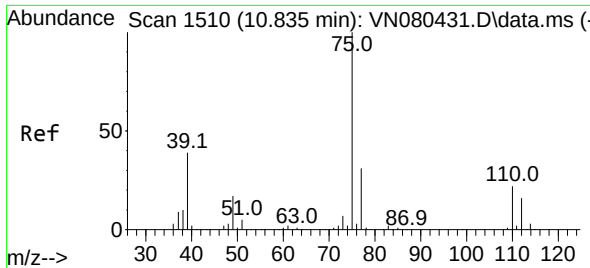
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#52
Toluene
Concen: 52.722 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

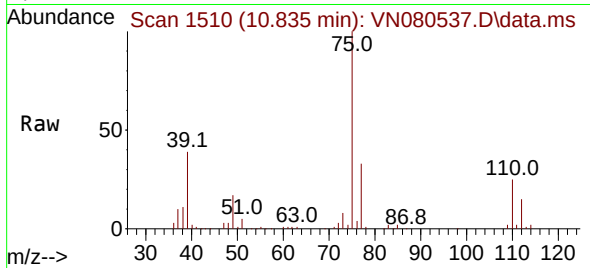
Tgt Ion: 92 Resp: 427205
Ion Ratio Lower Upper
92 100
91 170.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.338 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

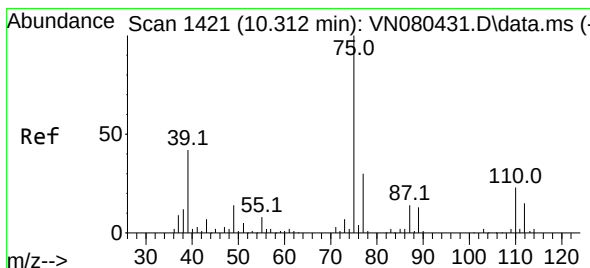
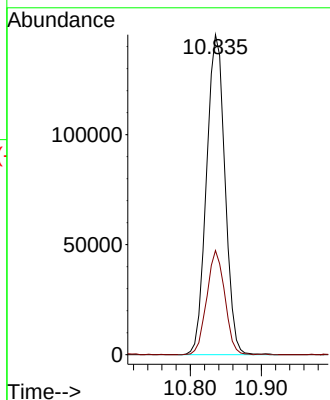
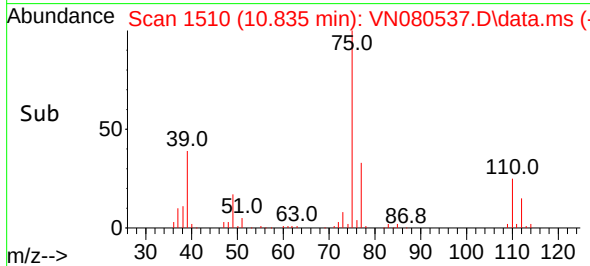
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 262562
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

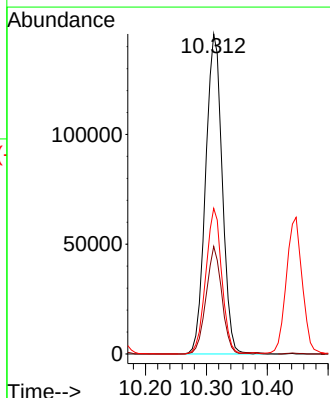
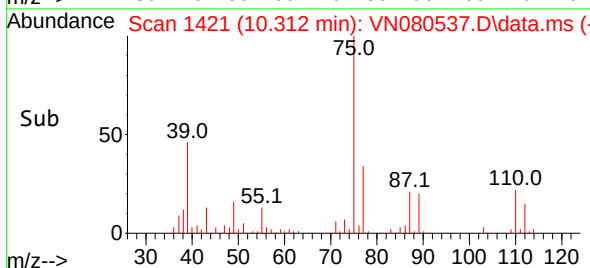
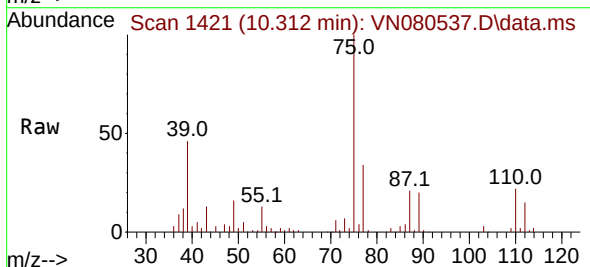
Manual Integrations
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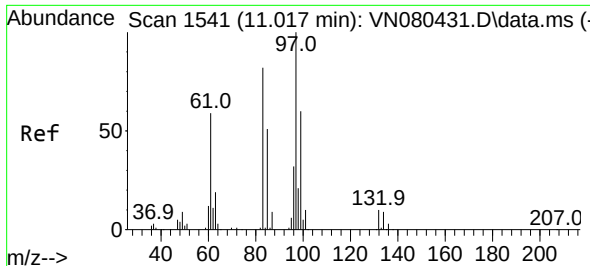
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#54
cis-1,3-Dichloropropene
Concen: 51.486 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

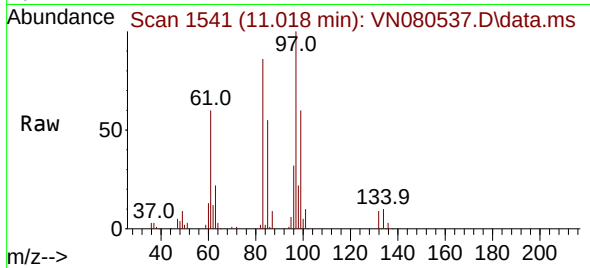
Tgt Ion: 75 Resp: 276073
Ion Ratio Lower Upper
75 100
77 33.6 26.1 39.1
39 45.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.825 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

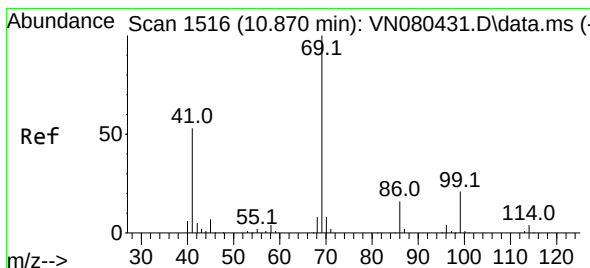
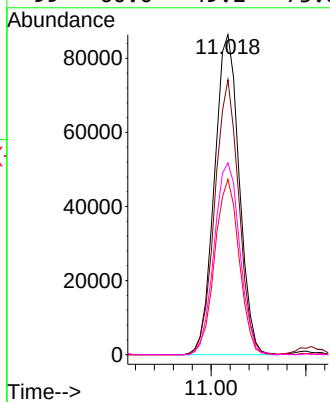
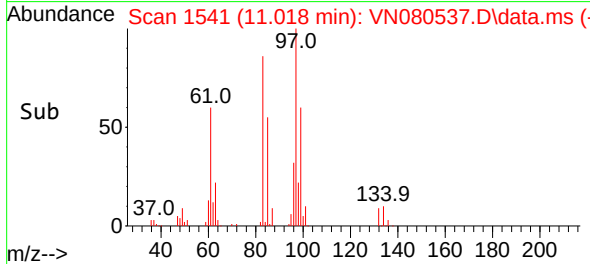
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



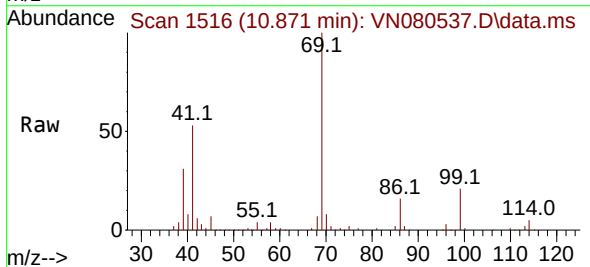
Tgt Ion: 97 Resp: 156935
Ion Ratio Lower Upper
97 100
83 86.0 65.1 97.7
85 54.8 43.4 65.2
99 60.0 49.2 73.8

Manual Integrations
APPROVED

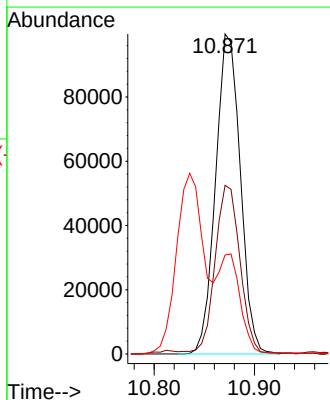
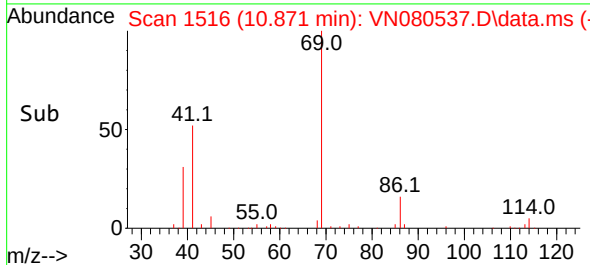
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

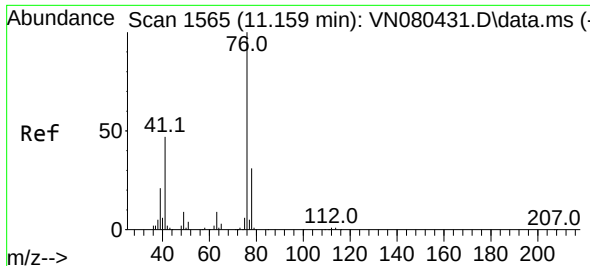


#56
Ethyl methacrylate
Concen: 52.881 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion: 69 Resp: 170701
Ion Ratio Lower Upper
69 100
41 52.5 39.6 59.4
39 27.5 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 53.340 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080537.D

Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 27262

Ion Ratio Lower Upper

76 100

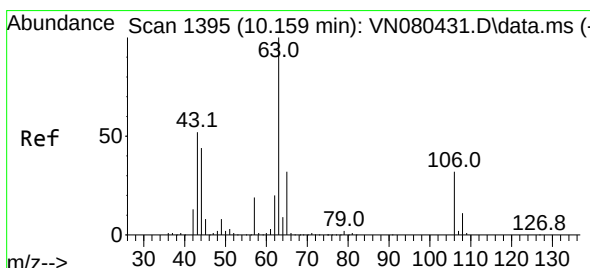
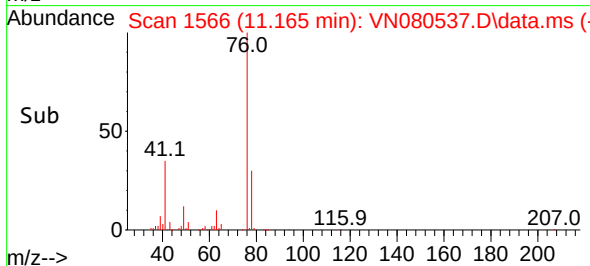
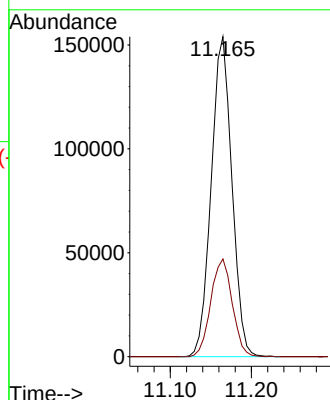
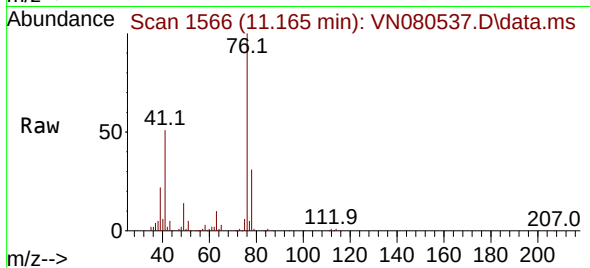
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 260.800 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080537.D

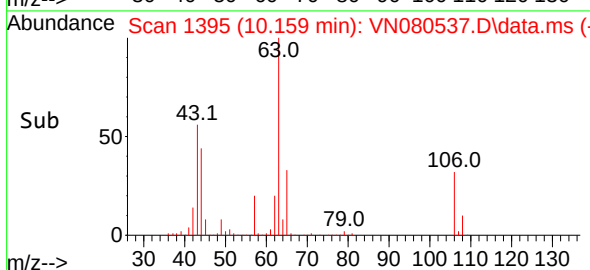
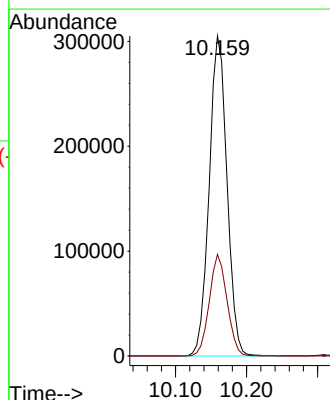
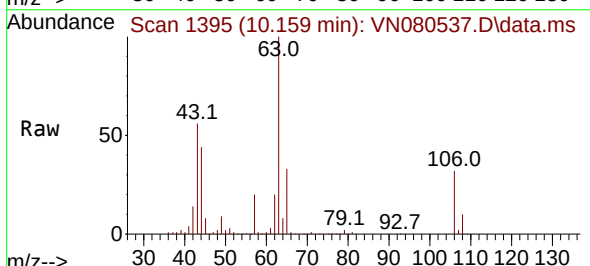
Acq: 20 Dec 2023 10:57

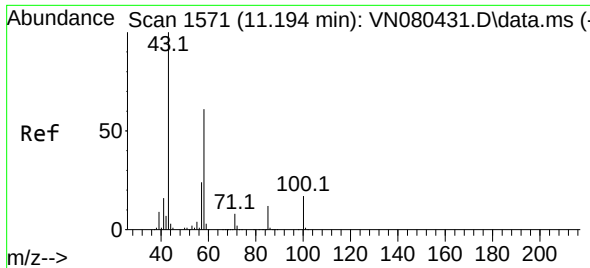
Tgt Ion: 63 Resp: 531471

Ion Ratio Lower Upper

63 100

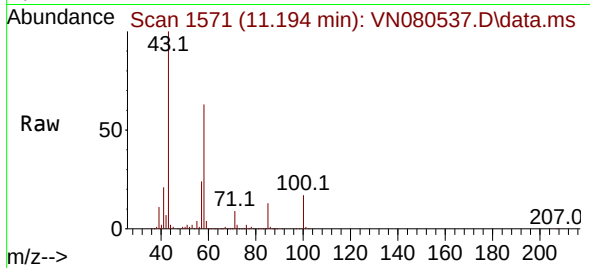
106 31.5 26.2 39.4





#59
2-Hexanone
Concen: 262.826 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

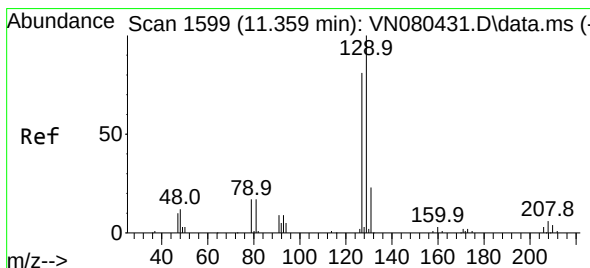
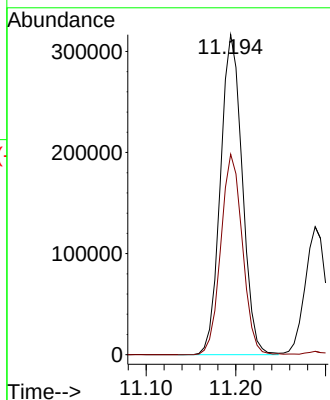
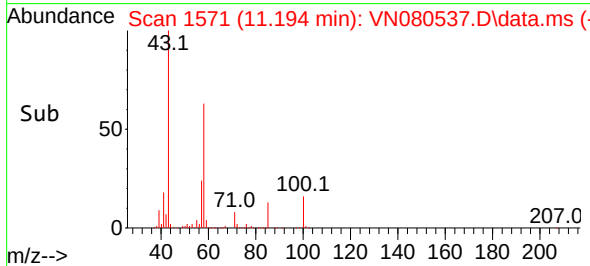
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 534439
Ion Ratio Lower Upper
43 100
58 62.0 31.7 95.1

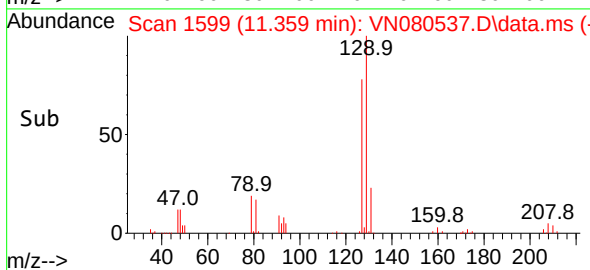
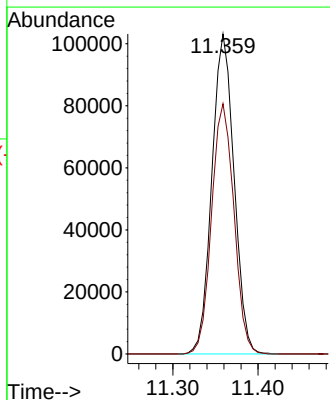
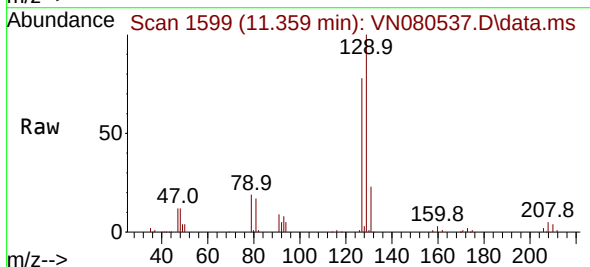
Manual Integrations
APPROVED

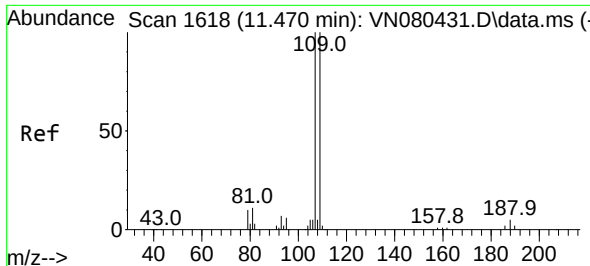
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#60
Dibromochloromethane
Concen: 54.079 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

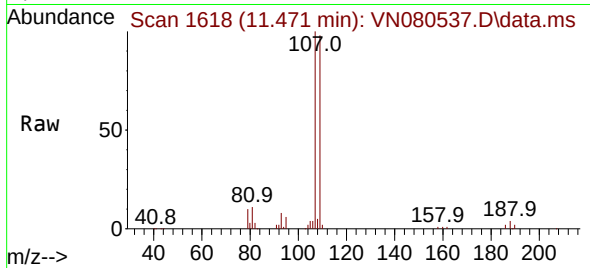
Tgt Ion:129 Resp: 186839
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.835 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

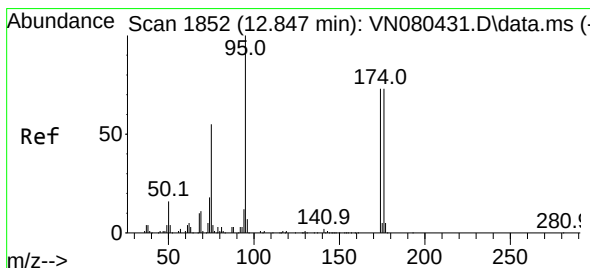
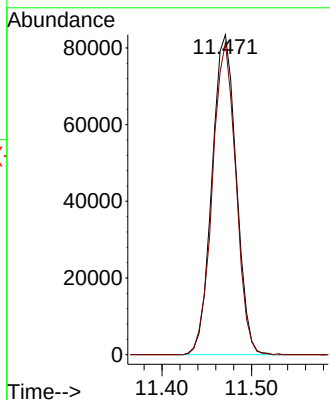
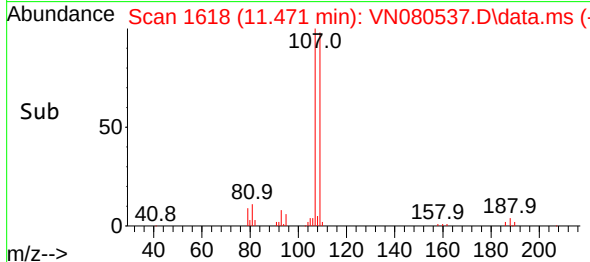
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 156419
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

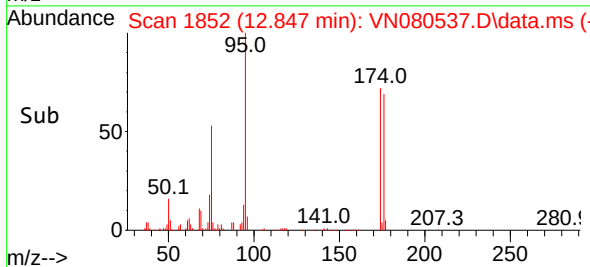
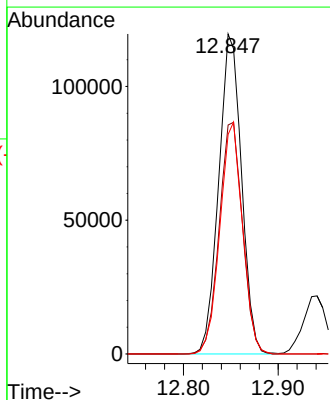
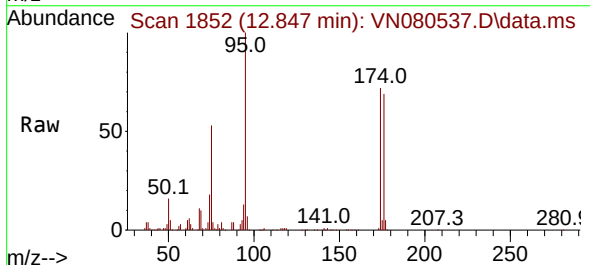
Manual Integrations
APPROVED

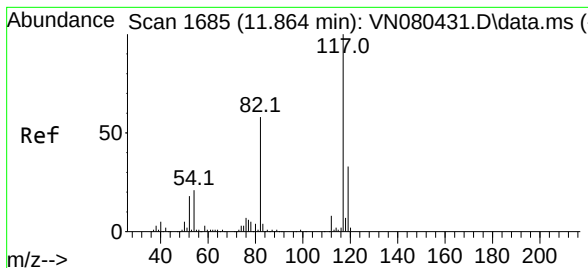
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#62
4-Bromofluorobenzene
Concen: 52.007 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

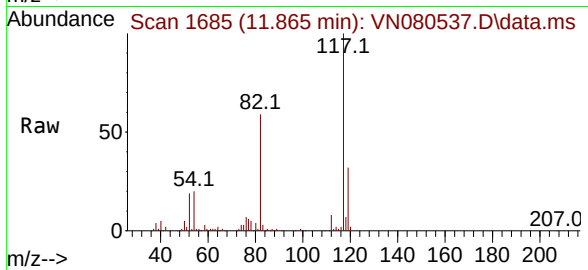
Tgt Ion: 95 Resp: 200083
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

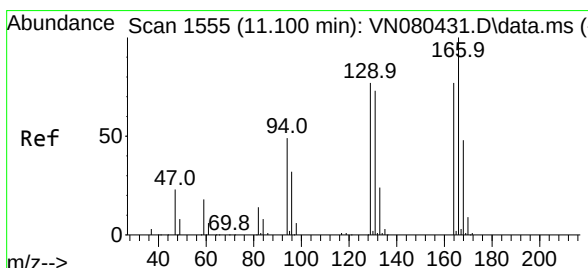
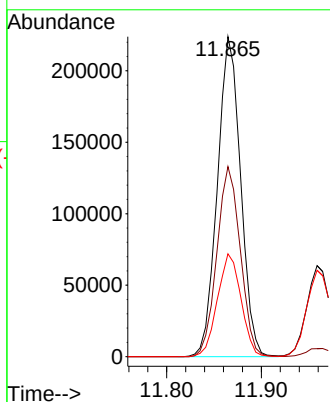
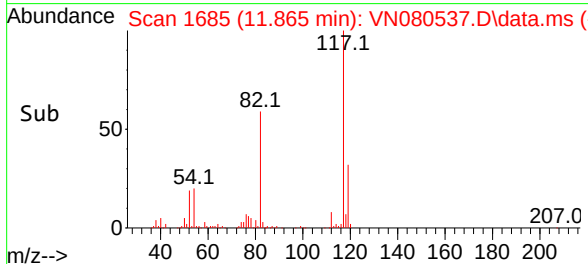
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 381910
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.1 25.6 38.4

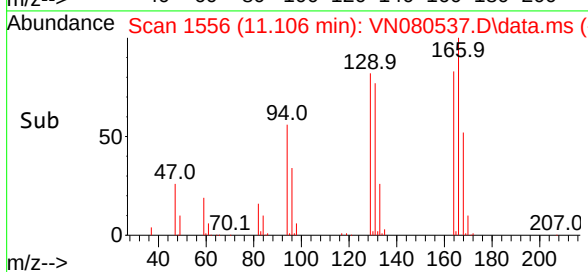
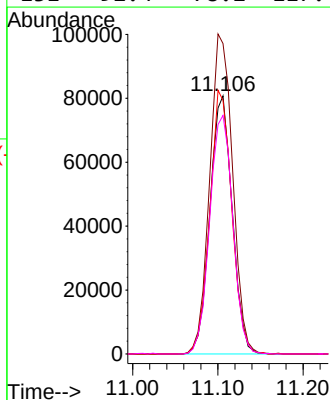
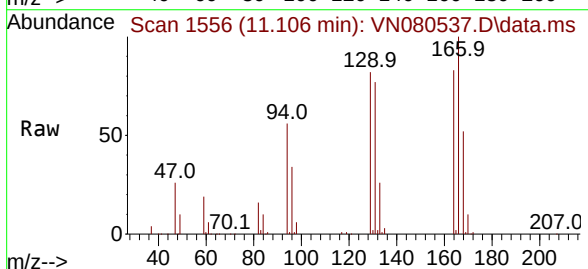
Manual Integrations
APPROVED

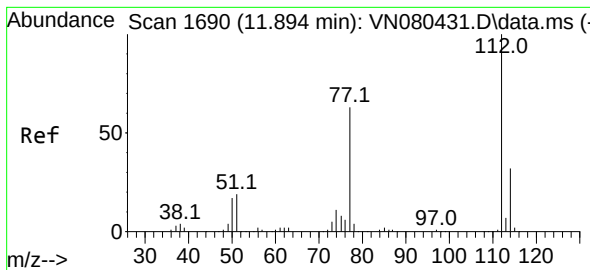
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#64
Tetrachloroethene
Concen: 49.737 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Tgt Ion:164 Resp: 146660
Ion Ratio Lower Upper
164 100
166 120.2 101.4 152.0
129 98.2 82.4 123.6
131 92.4 78.2 117.4





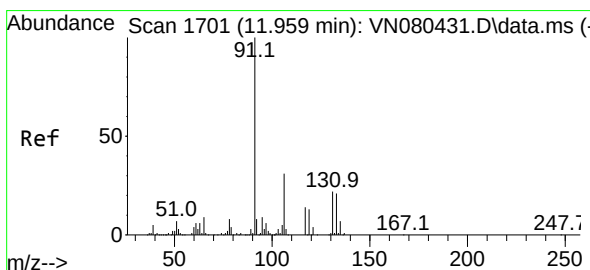
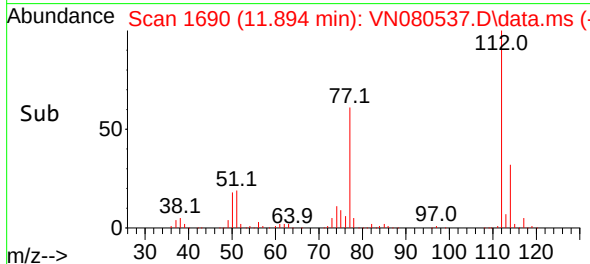
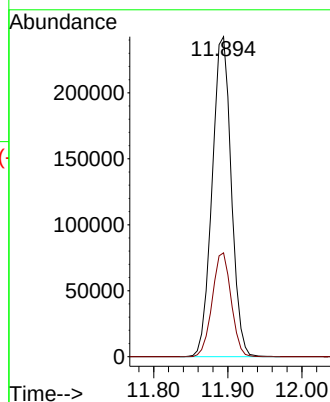
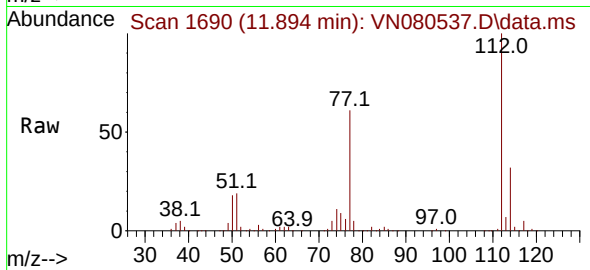
#65
Chlorobenzene
Concen: 51.098 ug/l
RT: 11.894 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 434124
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4

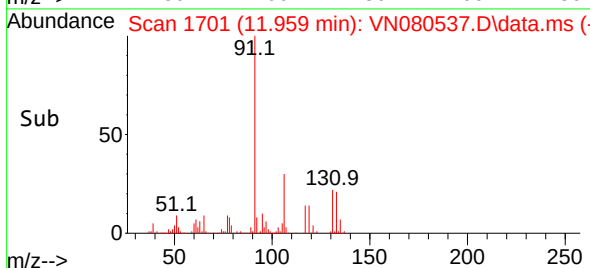
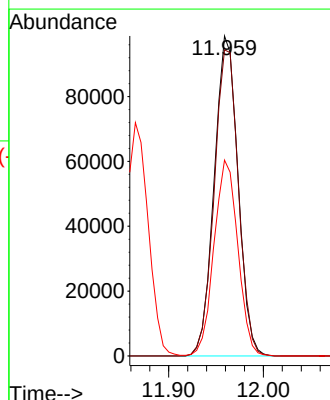
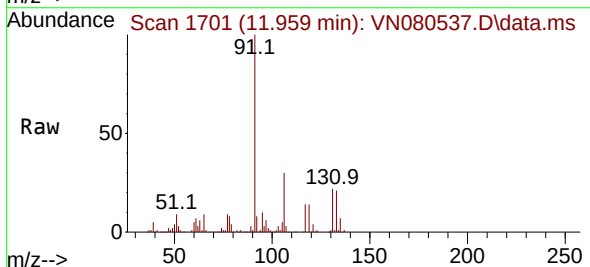
Manual Integrations
APPROVED

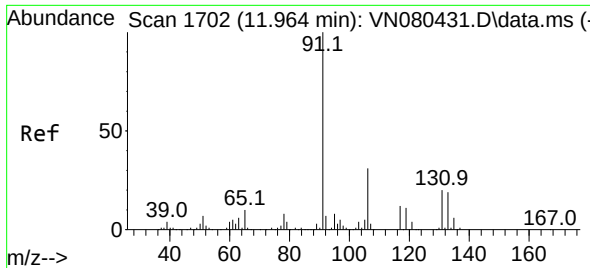
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.627 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

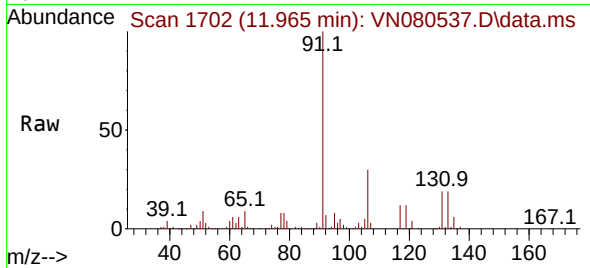
Tgt Ion:131 Resp: 172104
Ion Ratio Lower Upper
131 100
133 97.8 46.4 139.1
119 61.5 34.1 102.2





#67
Ethyl Benzene
Concen: 51.491 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

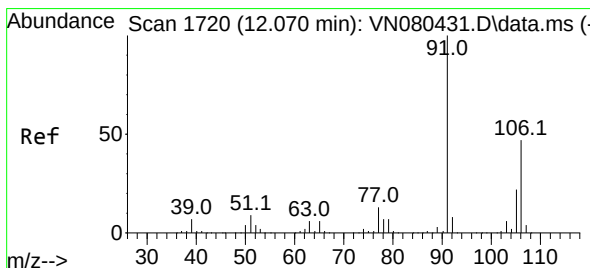
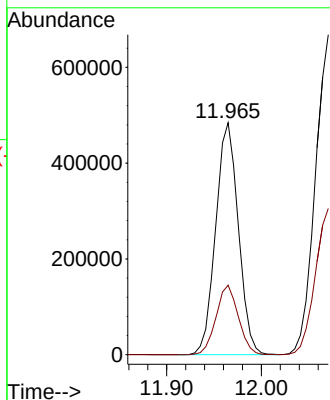
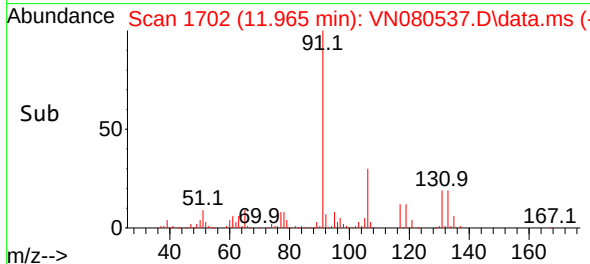
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



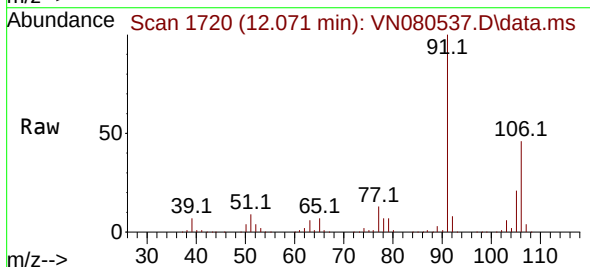
Tgt Ion: 91 Resp: 80437
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

Manual Integrations
APPROVED

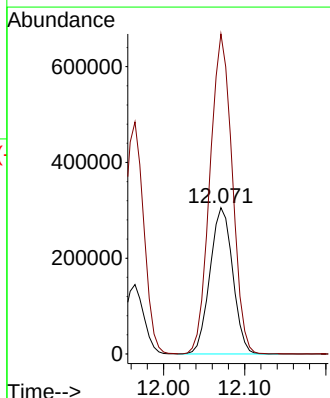
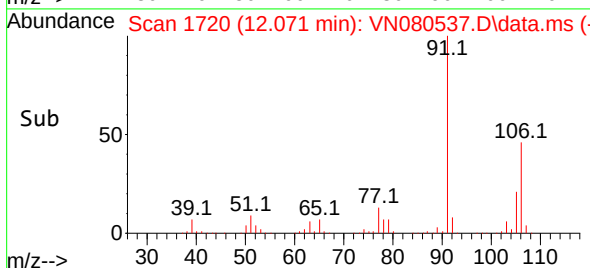
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

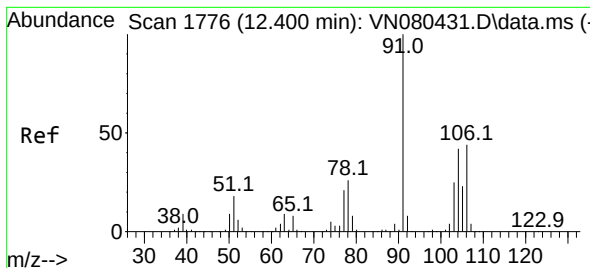


#68
m/p-Xylenes
Concen: 102.895 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion:106 Resp: 593968
Ion Ratio Lower Upper
106 100
91 214.5 159.6 239.4





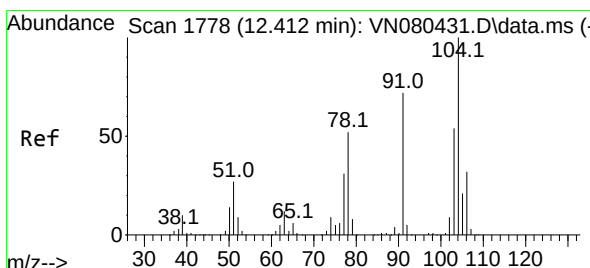
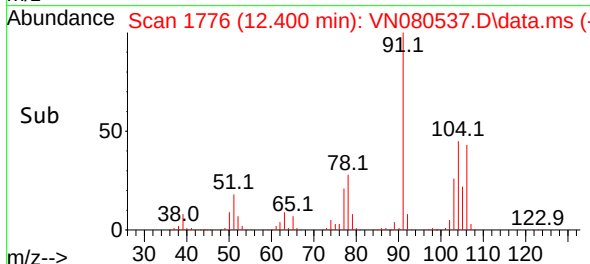
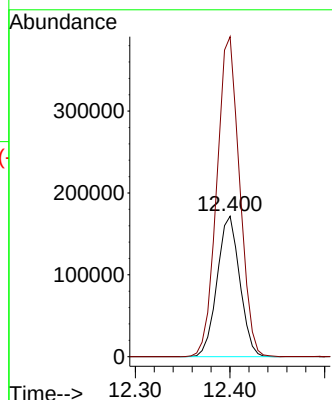
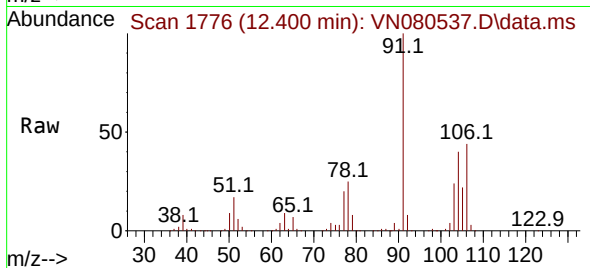
#69
o-Xylene
Concen: 50.416 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 284658
Ion Ratio Lower Upper
106 100
91 229.5 105.2 315.5

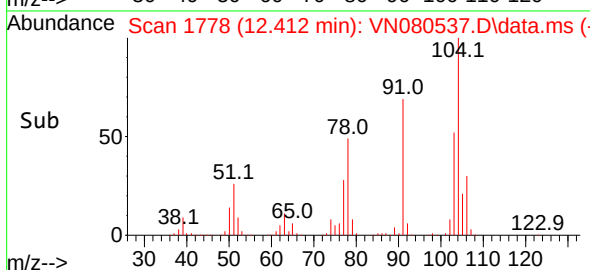
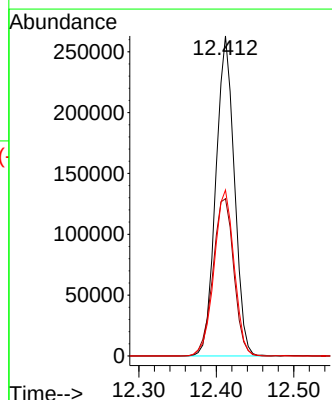
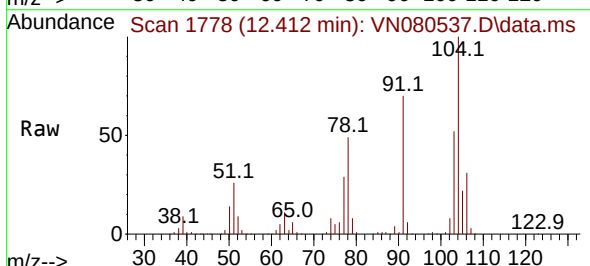
Manual Integrations
APPROVED

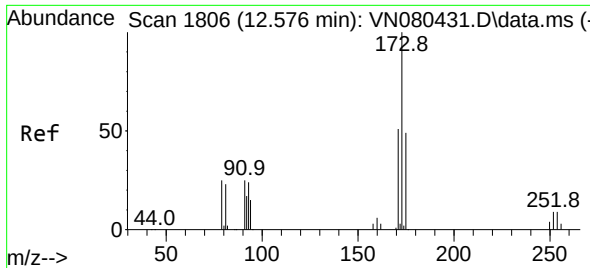
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#70
Styrene
Concen: 53.667 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

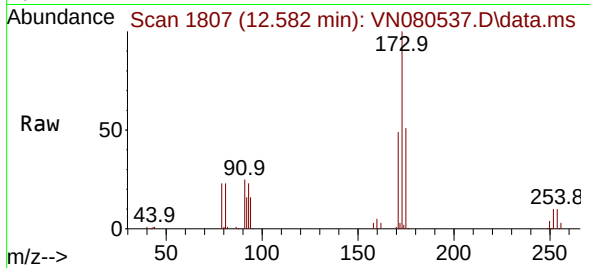
Tgt Ion:104 Resp: 436470
Ion Ratio Lower Upper
104 100
78 55.2 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 49.399 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

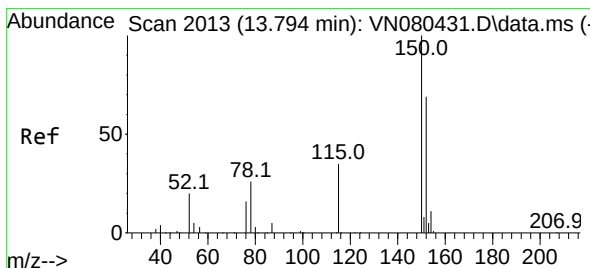
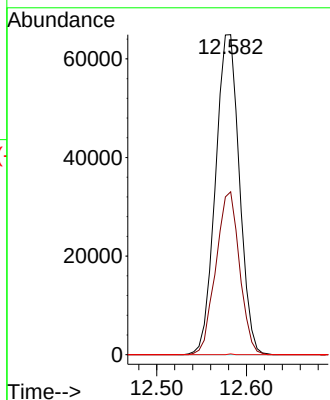
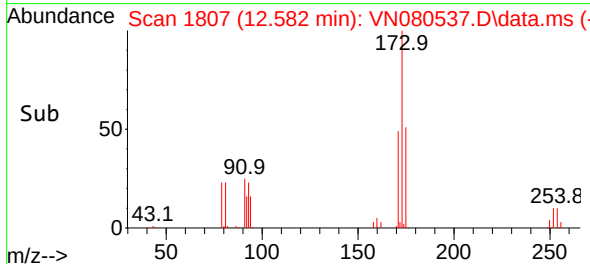
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 12009
Ion Ratio Lower Upper
173 100
175 50.4 24.3 73.0
254 0.0 0.0 0.0

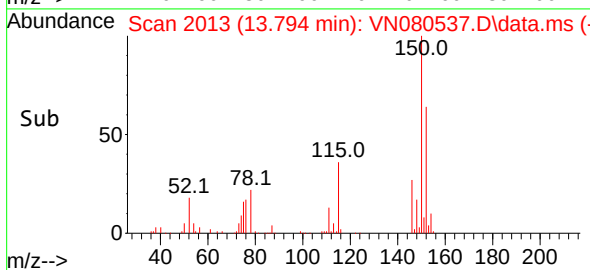
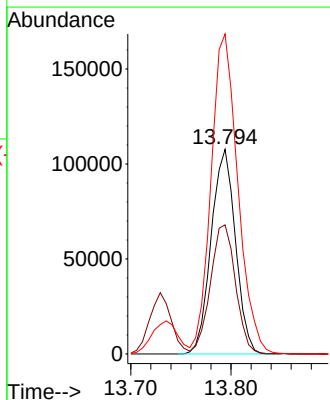
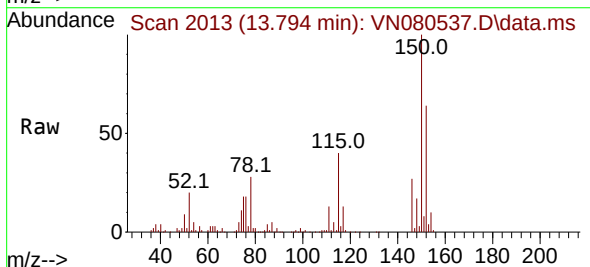
Manual Integrations
APPROVED

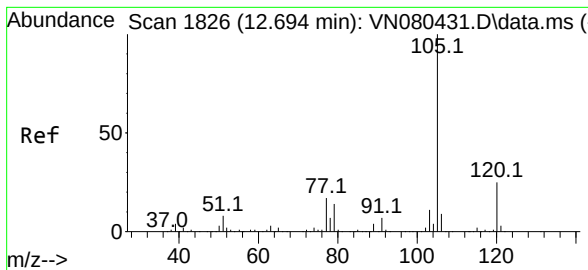
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

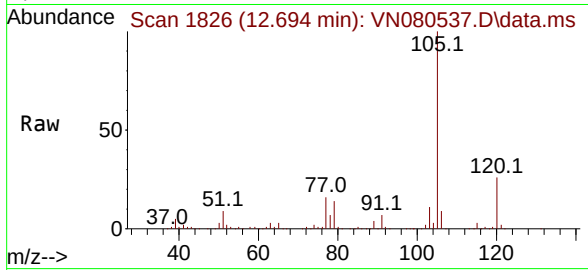
Tgt Ion:152 Resp: 181410
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 172.6 0.0 355.8





#73
Isopropylbenzene
Concen: 50.944 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

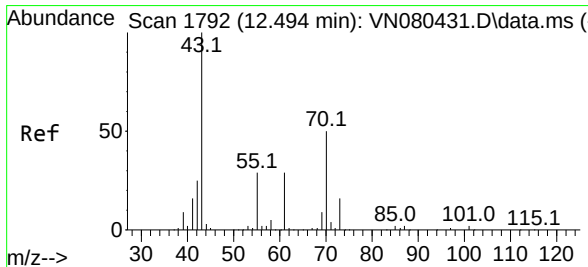
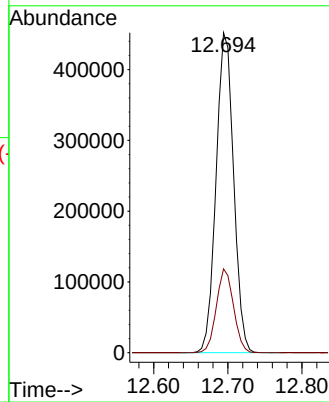
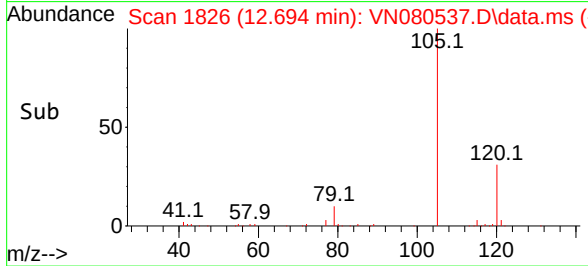
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



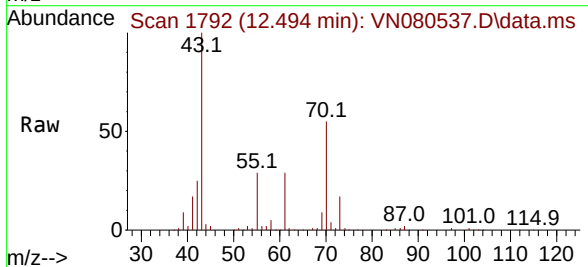
Tgt Ion:105 Resp: 74241
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

Manual Integrations
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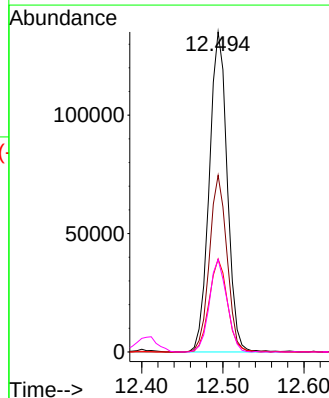
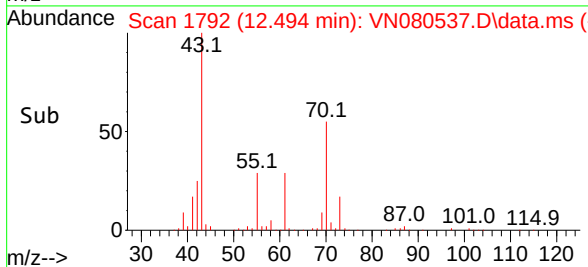
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

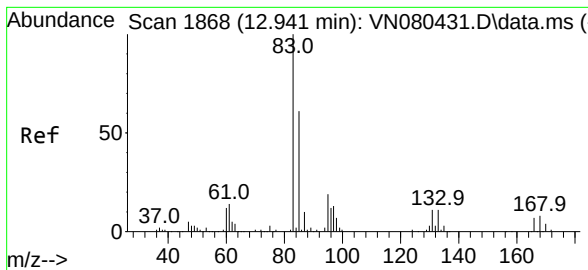


#74
N-ethyl acetate
Concen: 48.769 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



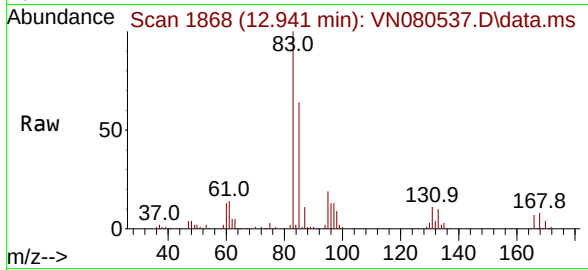
Tgt Ion: 43 Resp: 207544
Ion Ratio Lower Upper
43 100
70 53.7 43.4 65.2
55 29.5 21.4 32.0
61 28.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.921 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

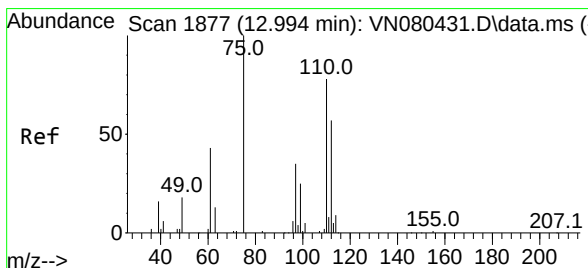
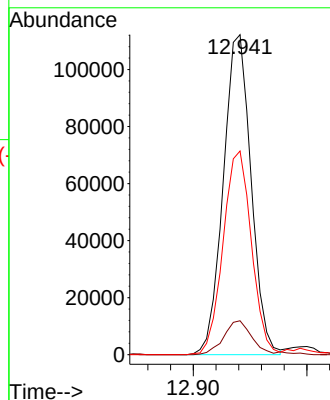
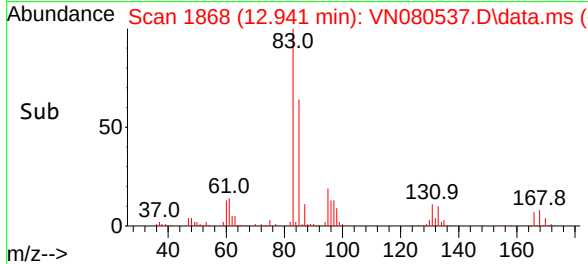
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



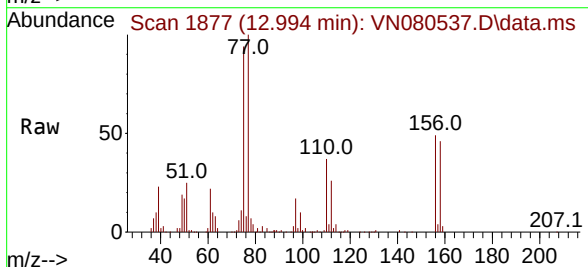
Tgt Ion: 83 Resp: 191039
Ion Ratio Lower Upper
83 100
131 11.2 5.0 15.0
85 64.7 31.9 95.7

Manual Integrations
APPROVED

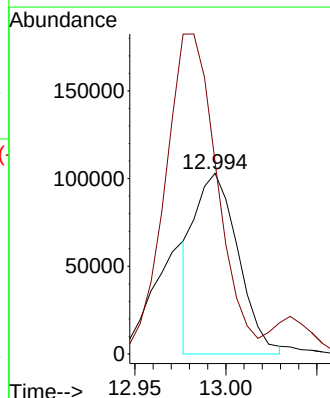
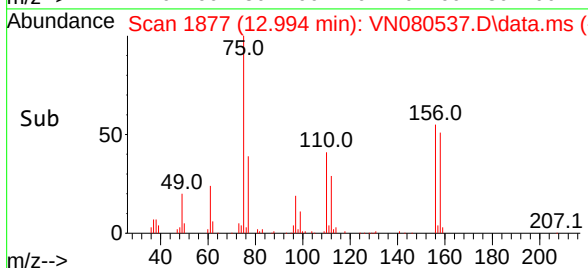
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

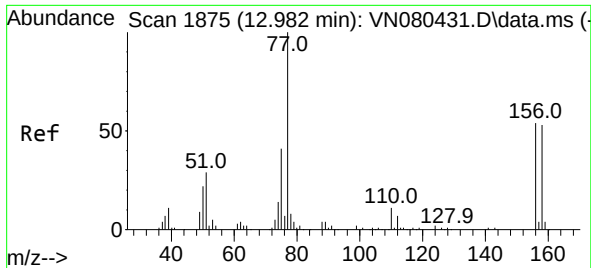


#76
1,2,3-Trichloropropane
Concen: 47.357 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



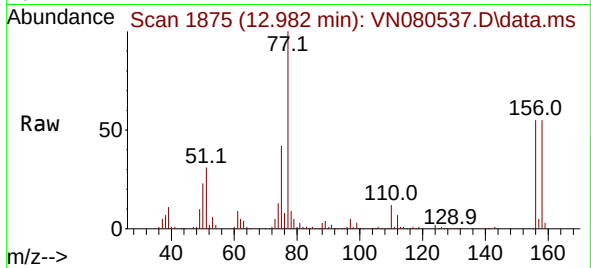
Tgt Ion: 75 Resp: 171387
Ion Ratio Lower Upper
75 100
77 212.3 84.5 253.5





#77
Bromobenzene
Concen: 49.218 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

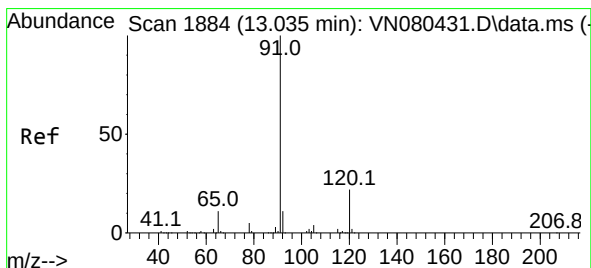
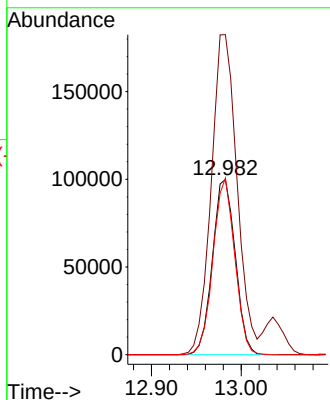
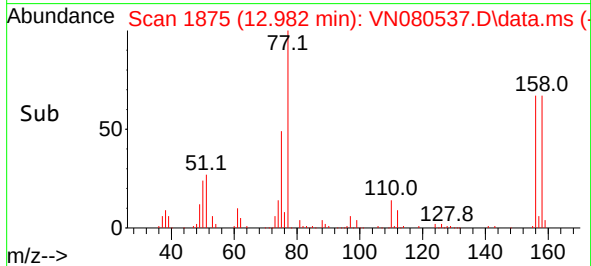
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



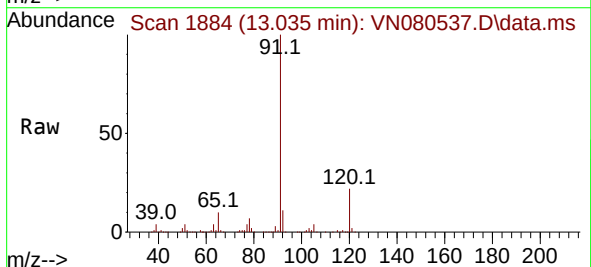
Tgt Ion:156 Resp: 176445
Ion Ratio Lower Upper
156 100
77 206.3 107.7 323.3
158 96.1 48.4 145.3

Manual Integrations
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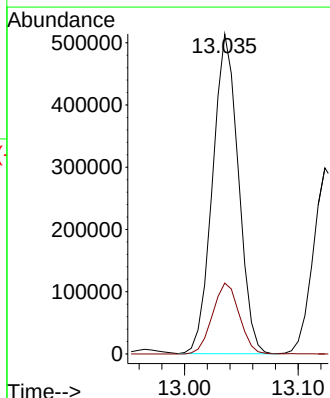
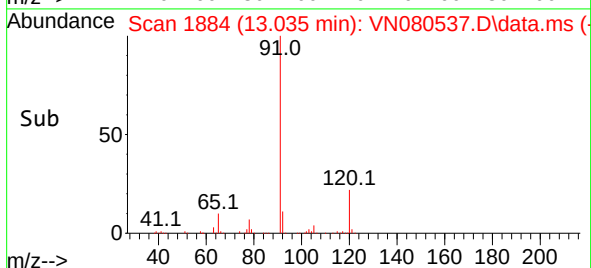
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

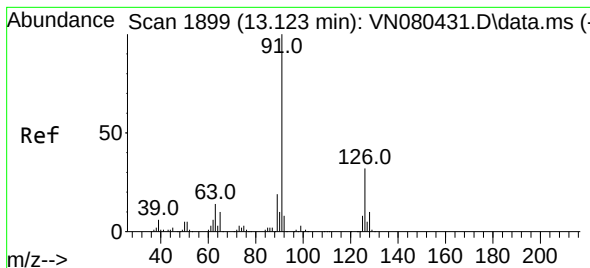


#78
n-propylbenzene
Concen: 50.492 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion: 91 Resp: 811297
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





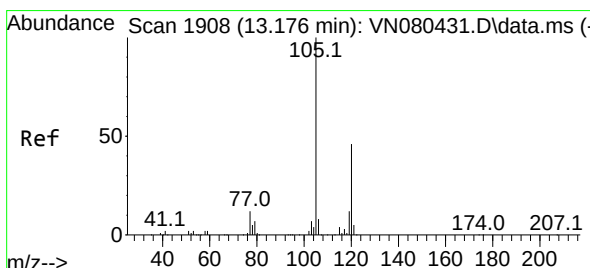
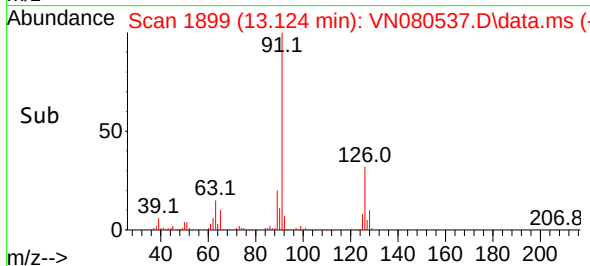
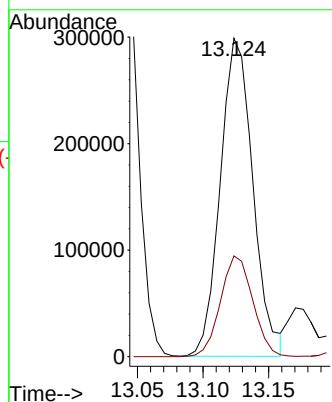
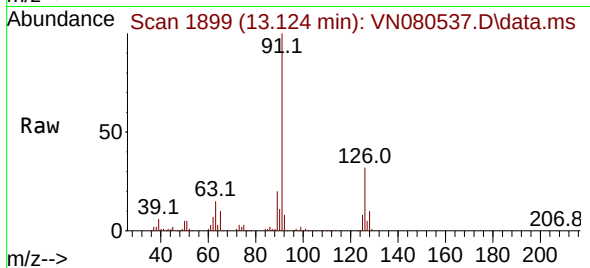
#79
2-Chlorotoluene
Concen: 49.275 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 516894
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.8

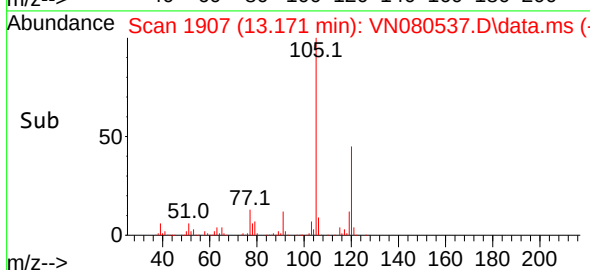
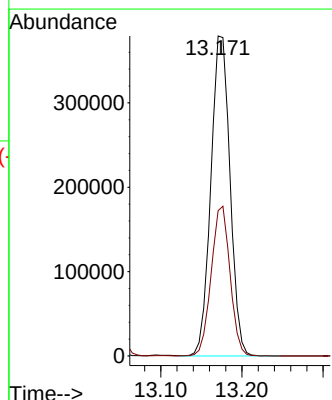
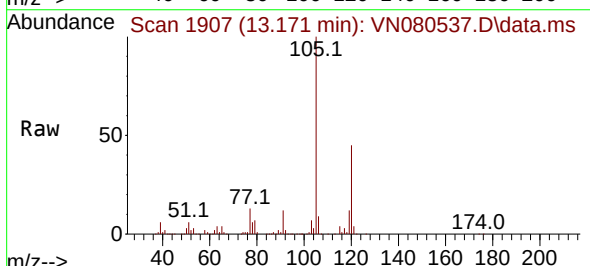
Manual Integrations
APPROVED

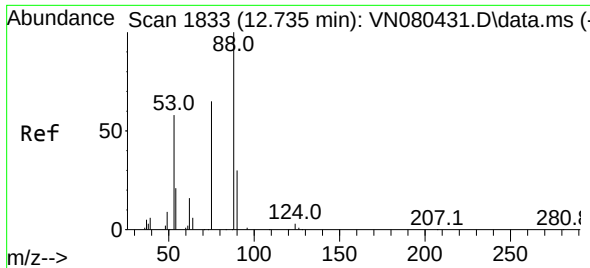
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.525 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

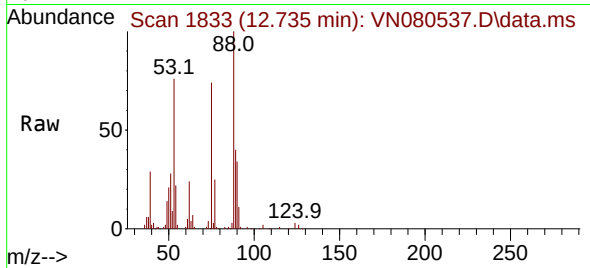
Tgt Ion:105 Resp: 621599
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.182 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

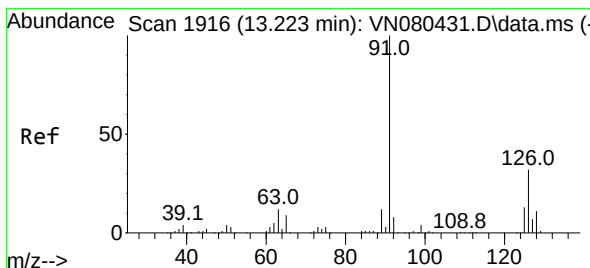
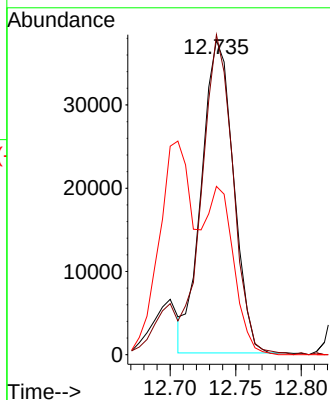
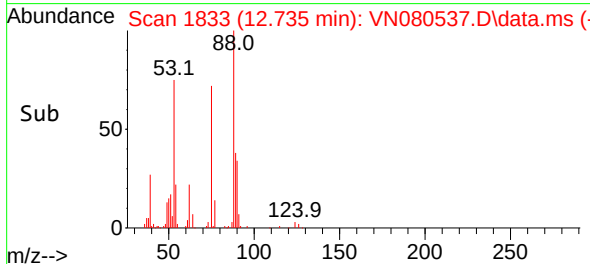
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



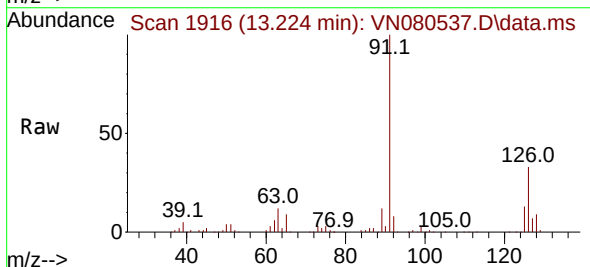
Tgt Ion: 75 Resp: 6365
Ion Ratio Lower Upper
75 100
53 112.2 67.4 101.2
89 44.1 38.8 58.2

Manual Integrations
APPROVED

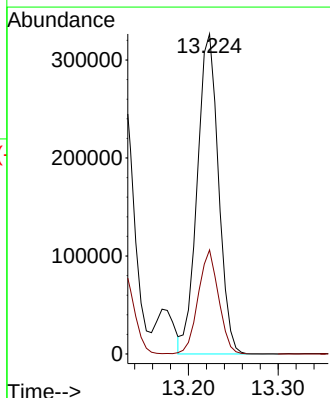
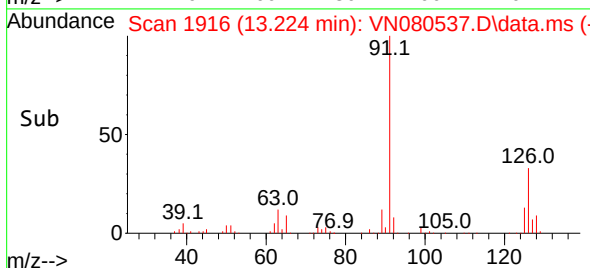
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

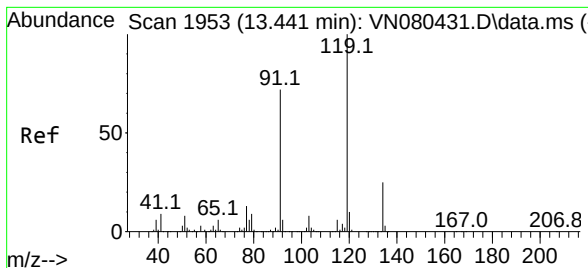


#82
4-Chlorotoluene
Concen: 49.785 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



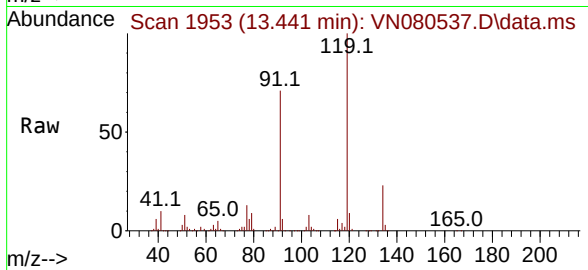
Tgt Ion: 91 Resp: 536796
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.014 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

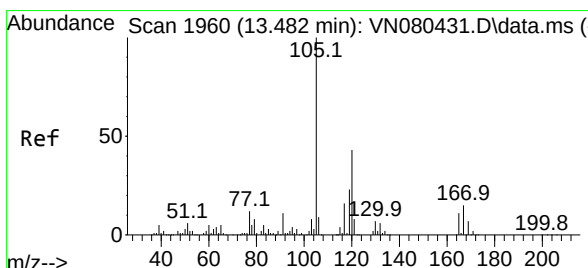
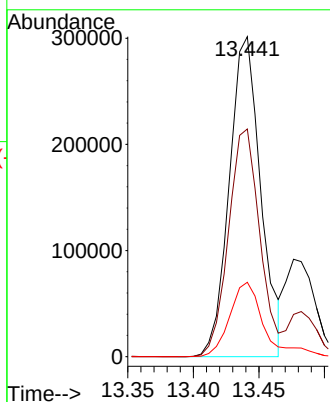
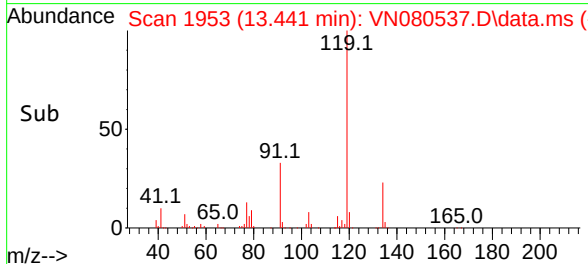
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



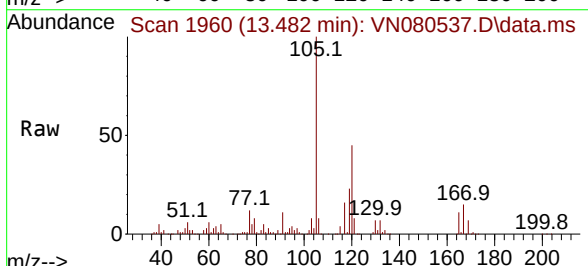
Tgt Ion:119 Resp: 503812
Ion Ratio Lower Upper
119 100
91 70.7 33.9 101.7
134 25.4 13.2 39.6

Manual Integrations
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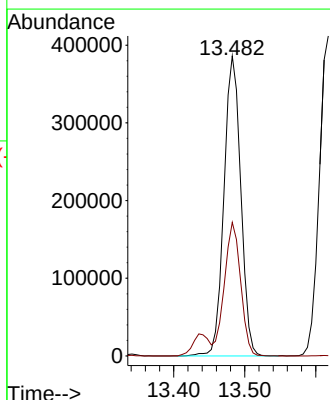
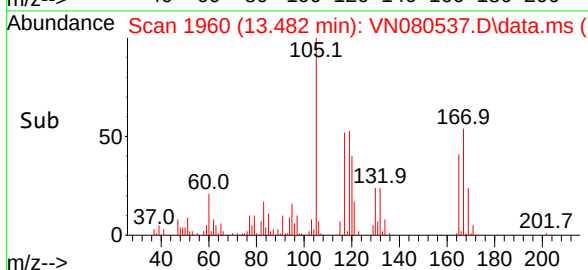
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

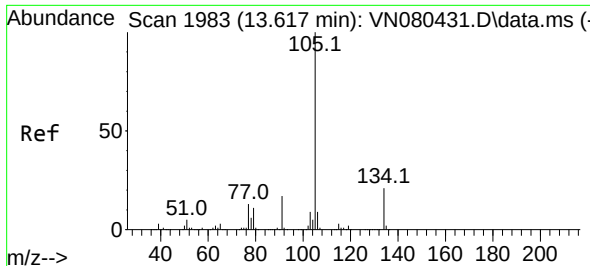


#84
1,2,4-Trimethylbenzene
Concen: 50.705 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion:105 Resp: 633106
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0





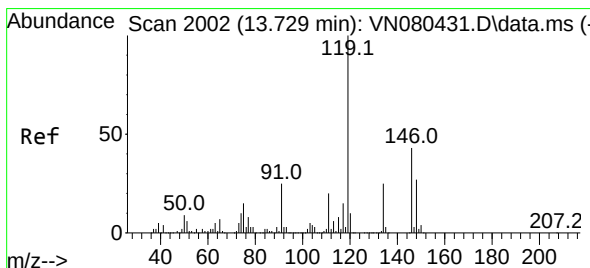
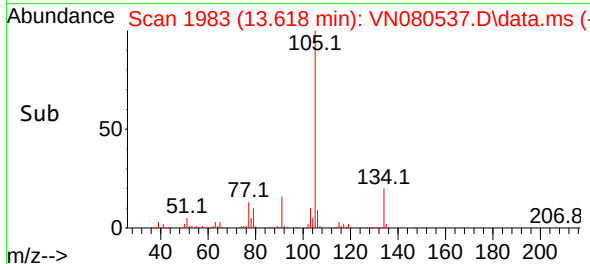
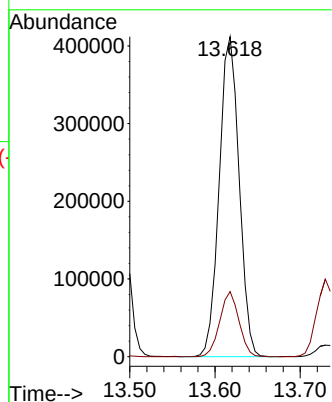
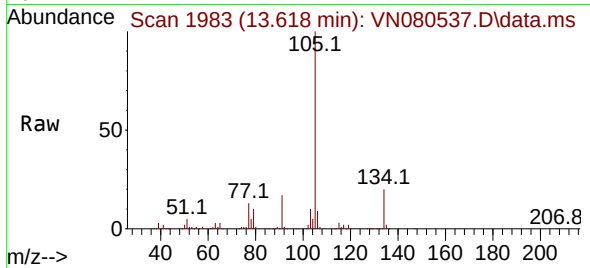
#85
 sec-Butylbenzene
 Concen: 50.856 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080537.D
 Acq: 20 Dec 2023 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 668702
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

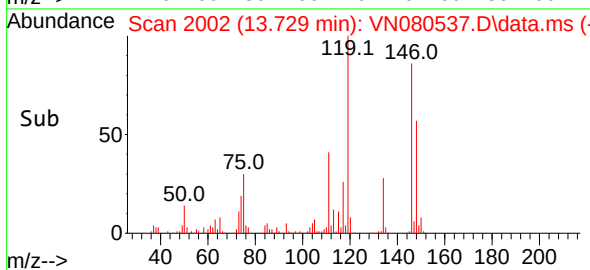
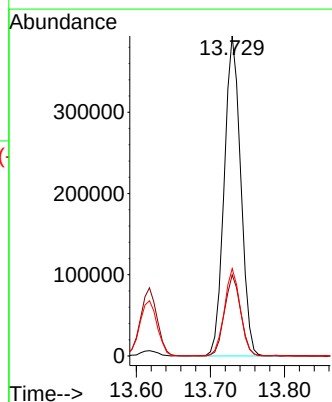
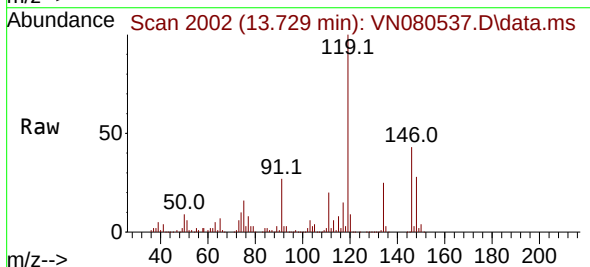
Manual Integrations
 APPROVED

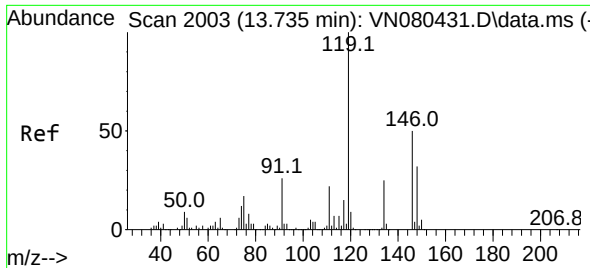
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#86
 p-Isopropyltoluene
 Concen: 51.381 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080537.D
 Acq: 20 Dec 2023 10:57

Tgt Ion:119 Resp: 610026
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 26.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.603 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

Instrument :

MSVOA_N

ClientSampleId :

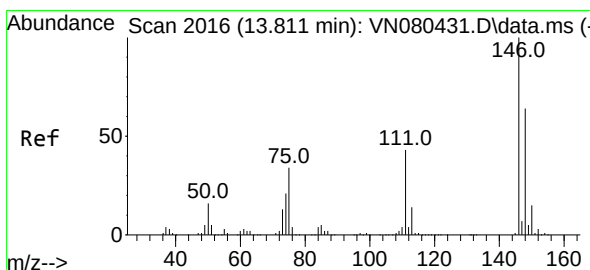
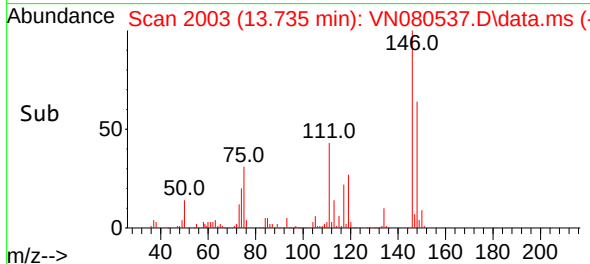
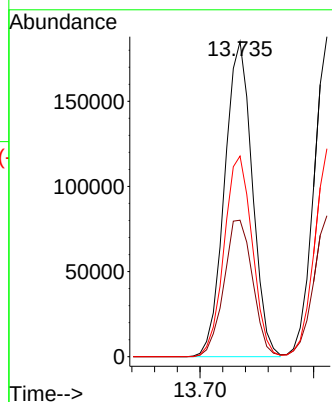
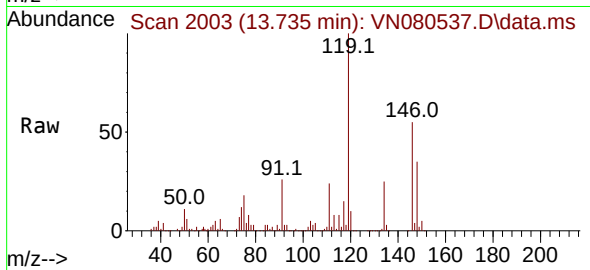
VSTDCCC050

Tgt Ion:146 Resp: 313300
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.3
148 64.6 32.0 96.0

Manual Integrations

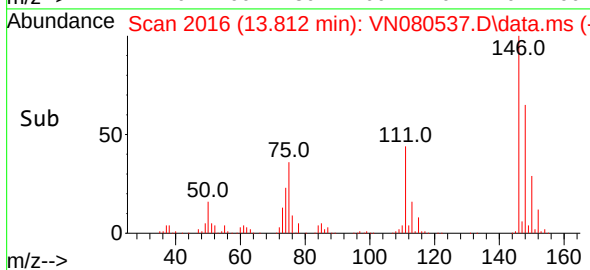
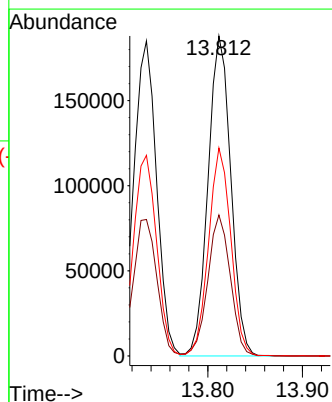
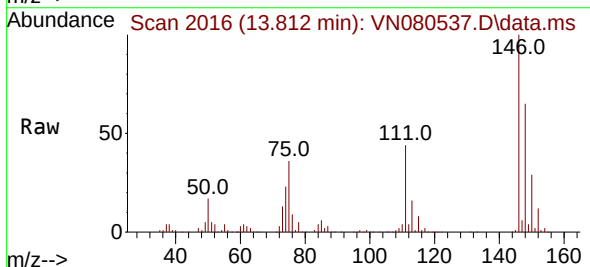
APPROVED

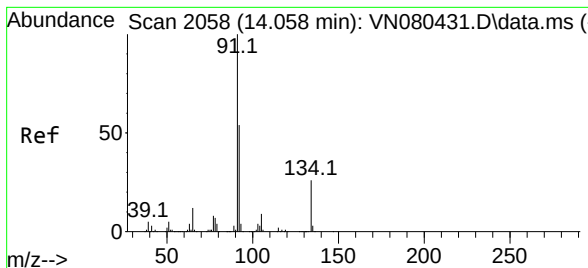
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#88
1,4-Dichlorobenzene
Concen: 49.325 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

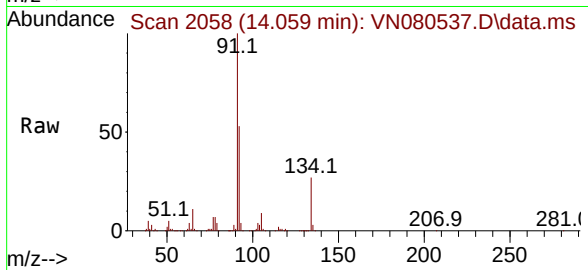
Tgt Ion:146 Resp: 314494
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 51.362 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

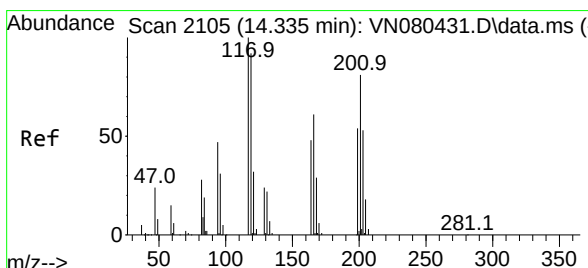
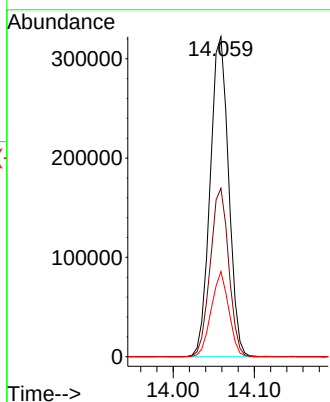
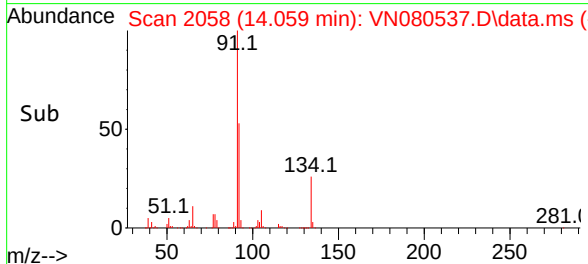
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 50924
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 25.2 12.6 37.6

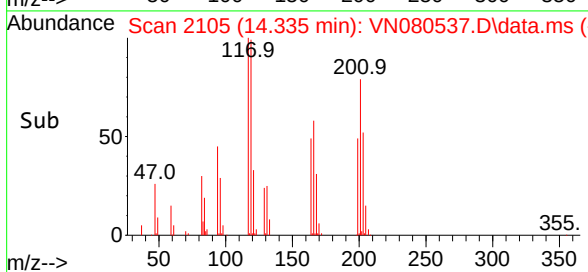
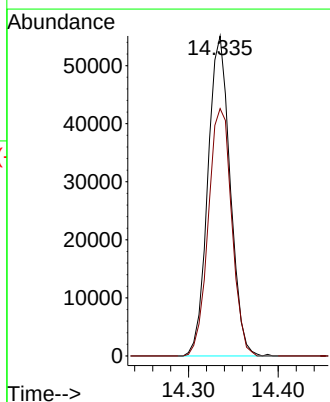
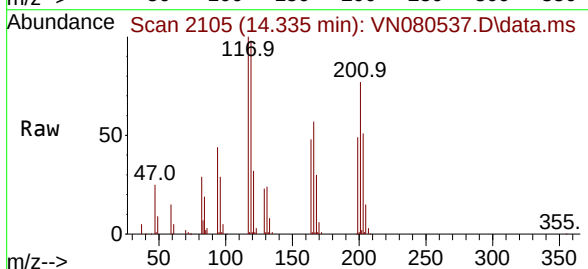
Manual Integrations
APPROVED

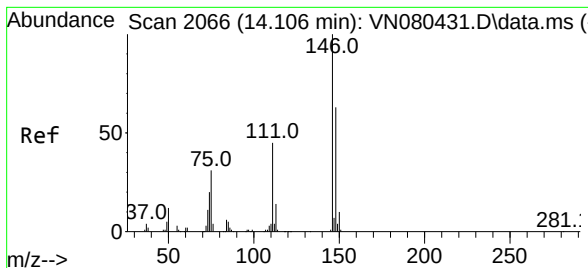
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#90
Hexachloroethane
Concen: 50.432 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

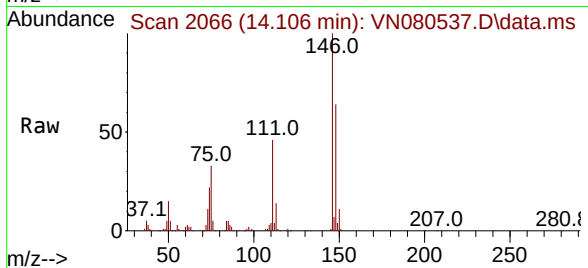
Tgt Ion:117 Resp: 95090
Ion Ratio Lower Upper
117 100
201 81.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.915 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

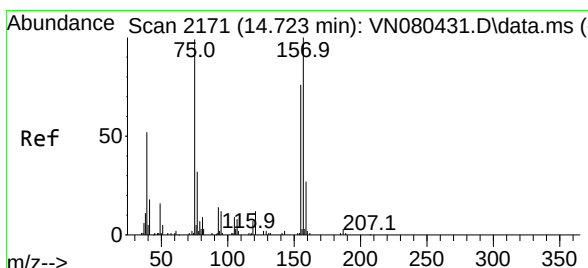
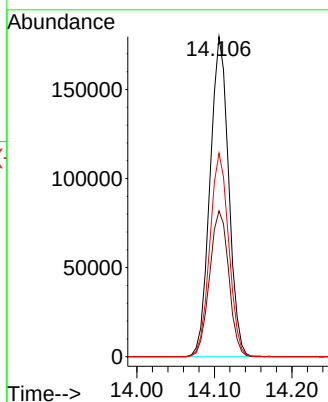
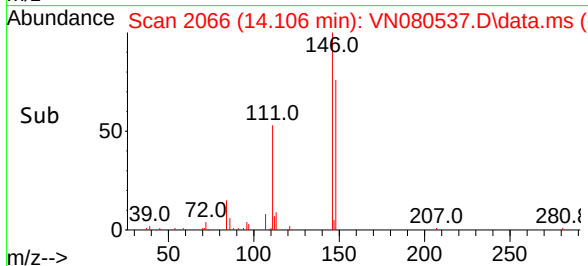
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 299384
Ion Ratio Lower Upper
146 100
111 47.0 22.0 66.0
148 64.6 31.8 95.3

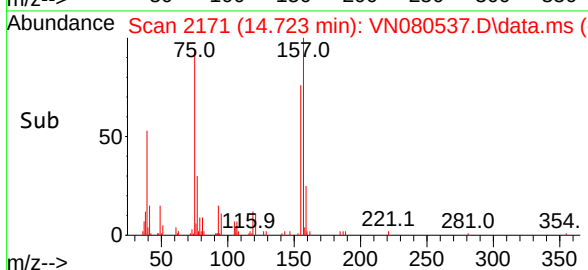
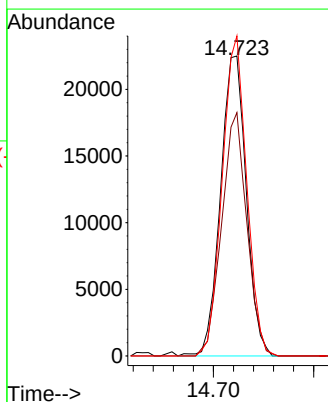
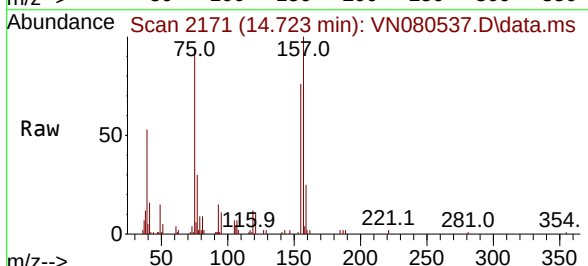
Manual Integrations
APPROVED

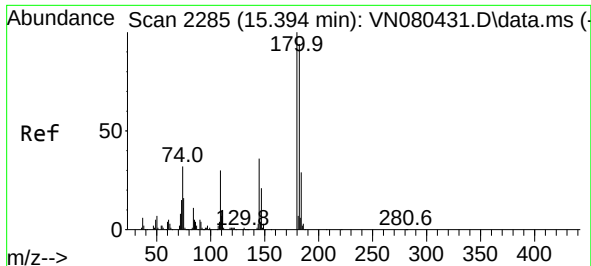
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.744 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

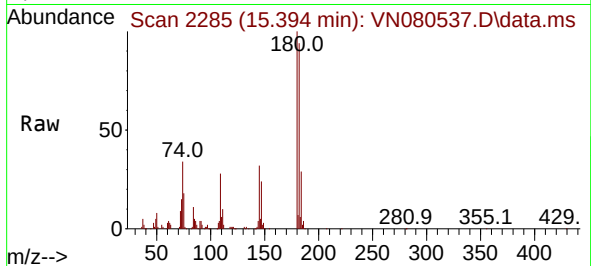
Tgt Ion: 75 Resp: 40038
Ion Ratio Lower Upper
75 100
155 79.4 39.1 117.2
157 101.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 50.998 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

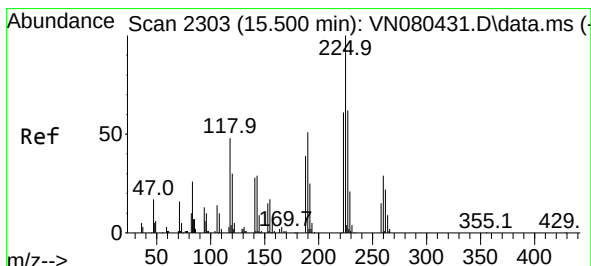
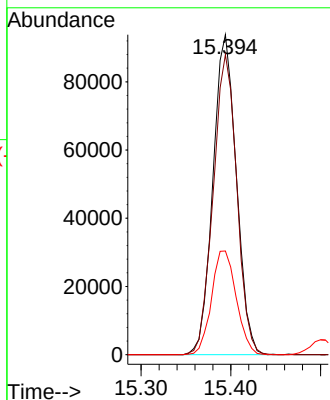
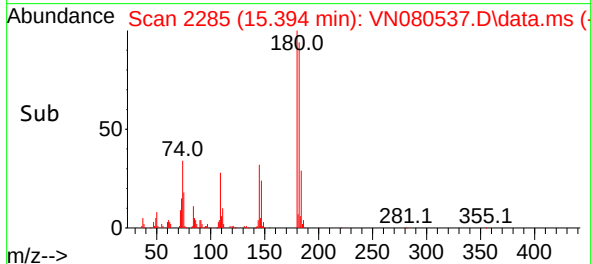
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 169828
Ion Ratio Lower Upper
180 100
182 94.5 46.1 138.2
145 34.3 16.6 49.8

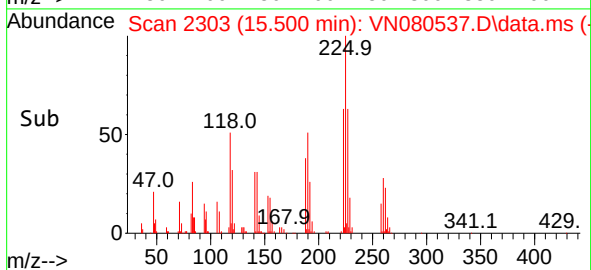
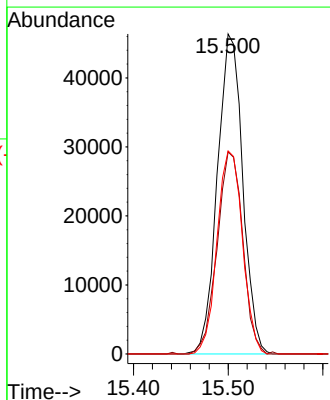
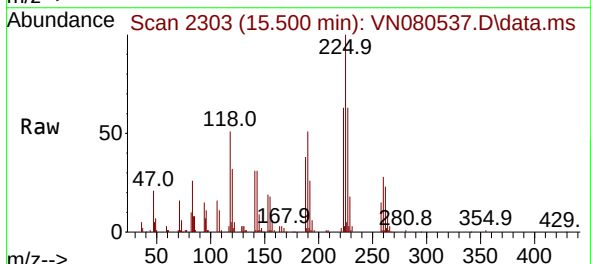
Manual Integrations
APPROVED

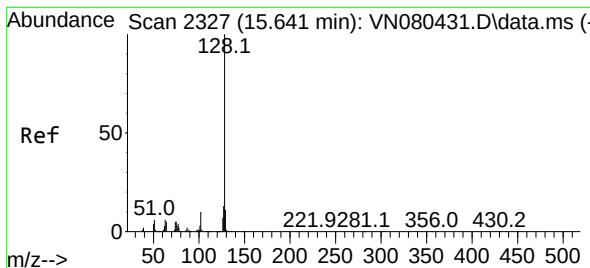
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#94
Hexachlorobutadiene
Concen: 45.354 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

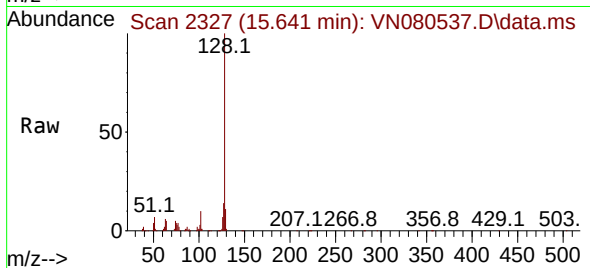
Tgt Ion:225 Resp: 85983
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.8
227 63.6 31.9 95.9





#95
Naphthalene
Concen: 50.881 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57

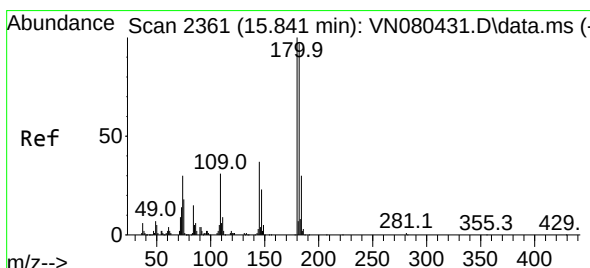
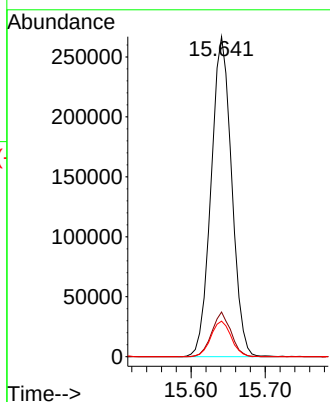
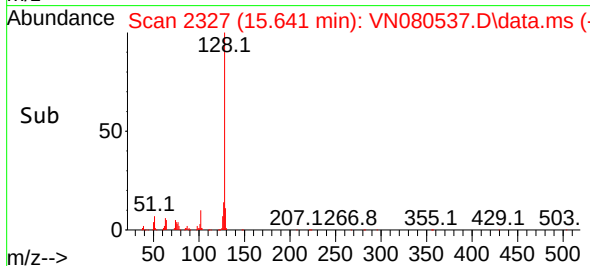
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



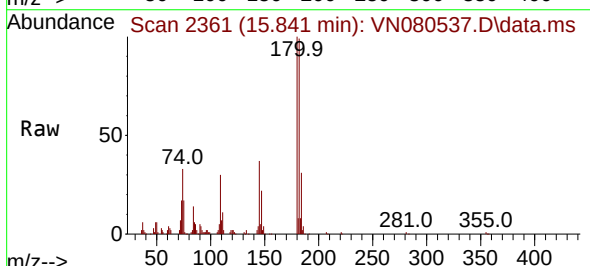
Tgt Ion:128 Resp: 514520
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.759 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080537.D
Acq: 20 Dec 2023 10:57



Tgt Ion:180 Resp: 163115
Ion Ratio Lower Upper
180 100
182 96.9 46.2 138.6
145 36.2 17.5 52.6

