

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080564.D
 Acq On : 21 Dec 2023 10:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 03:51:11 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/22/2023
 Supervised By : Mahesh Dadoda 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	297607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	456820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	396518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	207515	54.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.180%			
35) Dibromofluoromethane	8.165	113	166955	57.642	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.280%			
50) Toluene-d8	10.565	98	604245	55.937	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.880%			
62) 4-Bromofluorobenzene	12.853	95	218082	53.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	183897	48.353	ug/l	97
3) Chloromethane	2.365	50	165289	41.104	ug/l	97
4) Vinyl Chloride	2.518	62	143108	44.061	ug/l	97
5) Bromomethane	2.959	94	65873	44.985	ug/l	97
6) Chloroethane	3.124	64	91184	43.690	ug/l	99
7) Trichlorofluoromethane	3.501	101	308397	46.815	ug/l	98
8) Diethyl Ether	3.959	74	100835	48.596	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	152155	48.730	ug/l	96
10) Methyl Iodide	4.583	142	112577	40.990	ug/l	95
11) Tert butyl alcohol	5.512	59	99258	221.723	ug/l	98
12) 1,1-Dichloroethene	4.342	96	149628	46.768	ug/l	86
13) Acrolein	4.177	56	148928	303.775	ug/l	97
14) Allyl chloride	5.018	41	190505	48.127	ug/l	99
15) Acrylonitrile	5.712	53	336719	266.200	ug/l	99
16) Acetone	4.418	43	186561	276.804	ug/l	99
17) Carbon Disulfide	4.706	76	380998	42.021	ug/l	99
18) Methyl Acetate	5.012	43	238301	54.950	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	551848	51.700	ug/l	99
20) Methylene Chloride	5.277	84	171676	47.596	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	169463	48.850	ug/l #	84
22) Diisopropyl ether	6.665	45	449642	52.631	ug/l	94
23) Vinyl Acetate	6.600	43	1169753	238.396	ug/l	94
24) 1,1-Dichloroethane	6.565	63	302545	50.757	ug/l	99
25) 2-Butanone	7.483	43	353525	272.283	ug/l	88
26) 2,2-Dichloropropane	7.489	77	296268	48.608	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	200145	50.970	ug/l	93
28) Bromochloromethane	7.812	49	124347	54.333	ug/l	95
29) Tetrahydrofuran	7.836	42	239311	257.396	ug/l	92
30) Chloroform	7.965	83	338793	51.205	ug/l	97
31) Cyclohexane	8.253	56	228196	44.146	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	322291	49.750	ug/l	99
36) 1,1-Dichloropropene	8.371	75	244441	51.615	ug/l	96
37) Ethyl Acetate	7.553	43	152443	51.404	ug/l	99
38) Carbon Tetrachloride	8.365	117	280431	49.557	ug/l	97
39) Methylcyclohexane	9.600	83	225427	45.820	ug/l	90
40) Benzene	8.606	78	701190	51.274	ug/l	100

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Manual Integrations APPROVED

Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	90910	53.173	ug/l	94
42) 1,2-Dichloroethane	8.671	62	258681	51.081	ug/l	98
43) Isopropyl Acetate	8.688	43	281348	52.764	ug/l	96
44) Trichloroethene	9.353	130	183039	49.648	ug/l	100
45) 1,2-Dichloropropane	9.618	63	175816	54.738	ug/l	99
46) Dibromomethane	9.706	93	118815	51.510	ug/l	91
47) Bromodichloromethane	9.888	83	262523	53.105	ug/l	97
48) Methyl methacrylate	9.682	41	164959	51.841	ug/l	88
49) 1,4-Dioxane	9.688	88	44514	922.934	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	786246	267.733	ug/l	99
52) Toluene	10.630	92	451460	52.257	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	281620	52.653	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	296220	51.815	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	166835	53.669	ug/l	94
56) Ethyl methacrylate	10.871	69	180106	52.332	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	282049	51.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	559330	257.435	ug/l	98
59) 2-Hexanone	11.194	43	556342	256.616	ug/l	100
60) Dibromochloromethane	11.359	129	192406	52.234	ug/l	98
61) 1,2-Dibromoethane	11.471	107	162190	50.412	ug/l	97
64) Tetrachloroethene	11.106	164	151622	49.526	ug/l	99
65) Chlorobenzene	11.894	112	454108	51.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	180305	52.095	ug/l	96
67) Ethyl Benzene	11.965	91	810946	50.000	ug/l	98
68) m/p-Xylenes	12.071	106	595561	99.372	ug/l	89
69) o-Xylene	12.400	106	288242	49.171	ug/l	90
70) Styrene	12.412	104	435810	51.612	ug/l	95
71) Bromoform	12.576	173	127190	50.393	ug/l #	99
73) Isopropylbenzene	12.694	105	746486	50.553	ug/l	98
74) N-amyl acetate	12.494	43	220173	51.059	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	204625	51.713	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	191227m	52.147	ug/l	
77) Bromobenzene	12.982	156	186225	51.265	ug/l	97
78) n-propylbenzene	13.035	91	850742	52.253	ug/l	98
79) 2-Chlorotoluene	13.123	91	547022	51.464	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	642830	50.546	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	69701m	49.905	ug/l	
82) 4-Chlorotoluene	13.223	91	550354	50.374	ug/l	96
83) tert-Butylbenzene	13.441	119	520197	49.945	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	653408	51.645	ug/l	98
85) sec-Butylbenzene	13.618	105	679621	51.010	ug/l	100
86) p-Isopropyltoluene	13.729	119	613124	50.966	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	317431	49.597	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	316701	49.021	ug/l	97
89) n-Butylbenzene	14.059	91	510959	50.860	ug/l	98
90) Hexachloroethane	14.335	117	93735	49.062	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	306994	50.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42822	51.450	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	170911	50.651	ug/l	96
94) Hexachlorobutadiene	15.506	225	87213	45.400	ug/l	100
95) Naphthalene	15.641	128	523020	51.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	162320	49.850	ug/l	97

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ClientSampleId :
VSTDCCC050

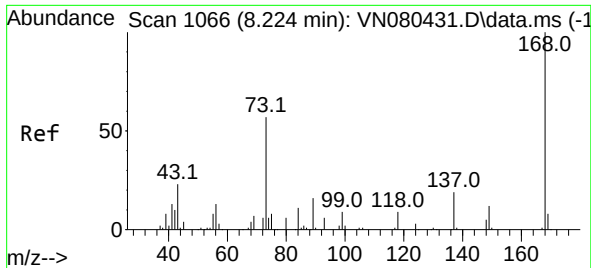
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

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



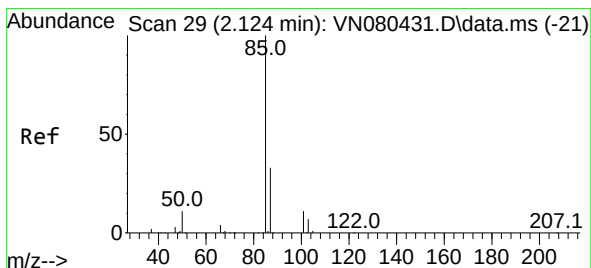
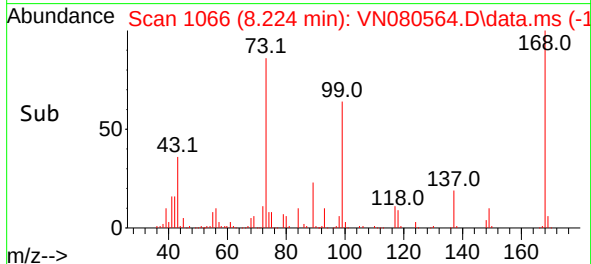
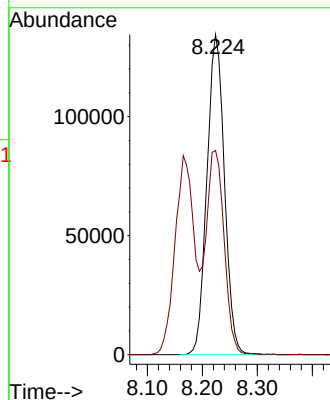
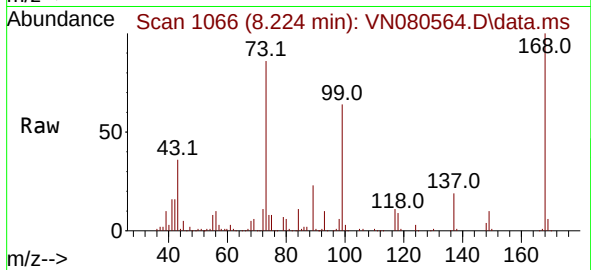
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 29760
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6

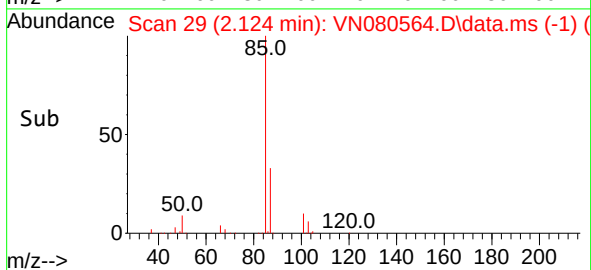
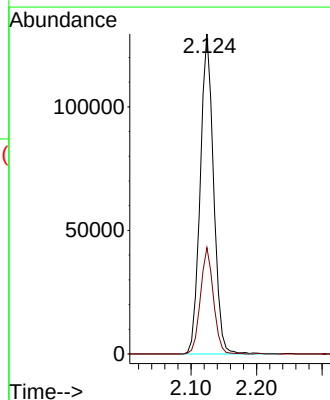
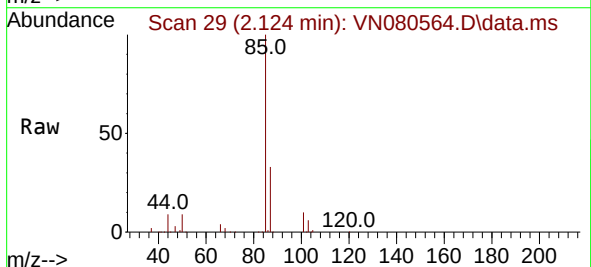
Manual Integrations
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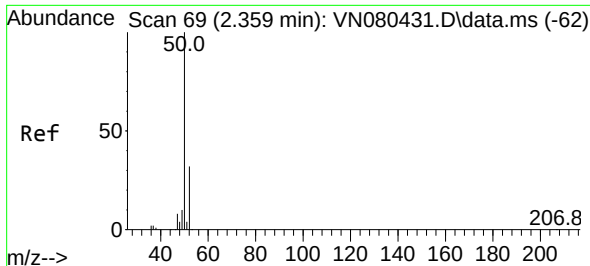
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#2
Dichlorodifluoromethane
Concen: 48.353 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

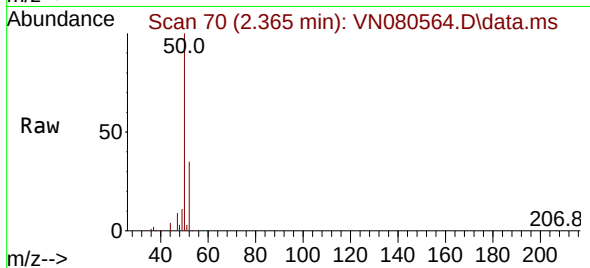
Tgt Ion: 85 Resp: 183897
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 41.104 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

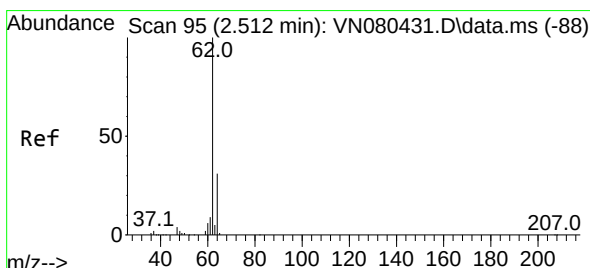
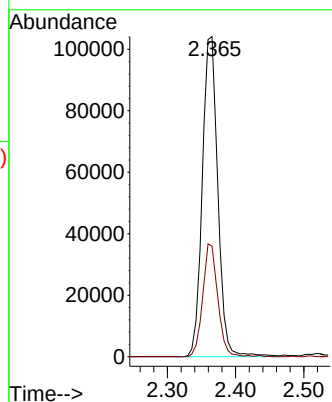
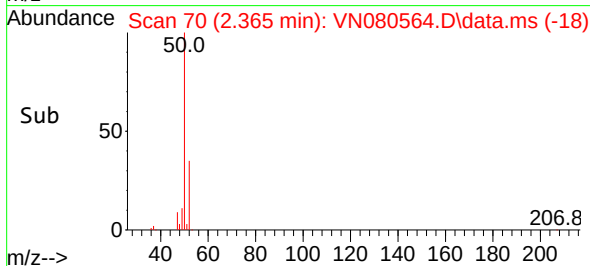
Instrument :
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ClientSampleId :
VSTDCCC050



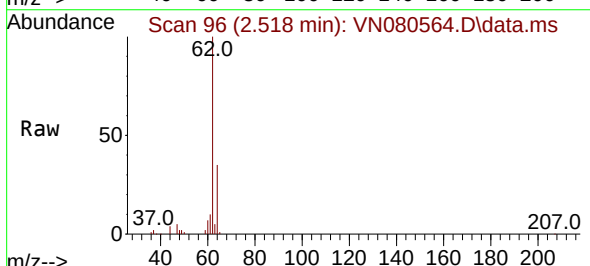
Tgt Ion: 50 Resp: 165289
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7

Manual Integrations
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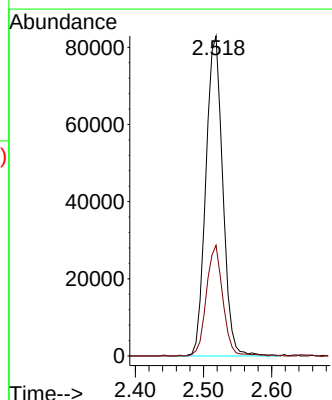
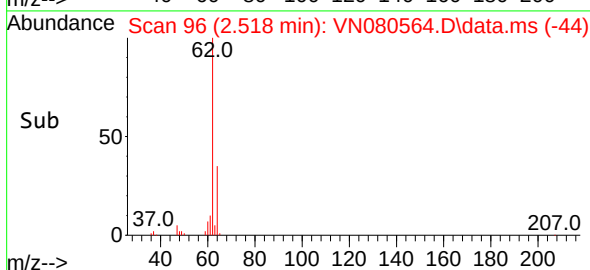
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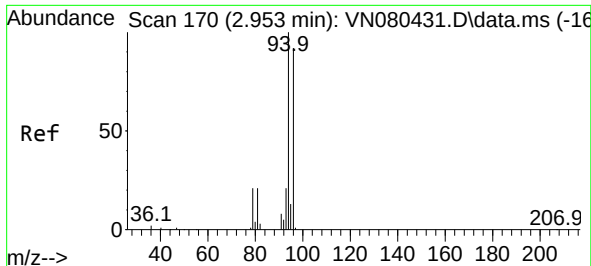


#4
Vinyl Chloride
Concen: 44.061 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



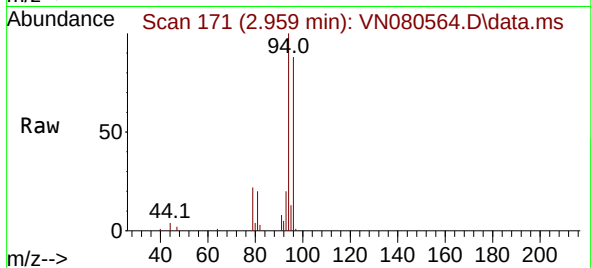
Tgt Ion: 62 Resp: 143108
Ion Ratio Lower Upper
62 100
64 34.3 26.2 39.2





#5
Bromomethane
Concen: 44.985 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

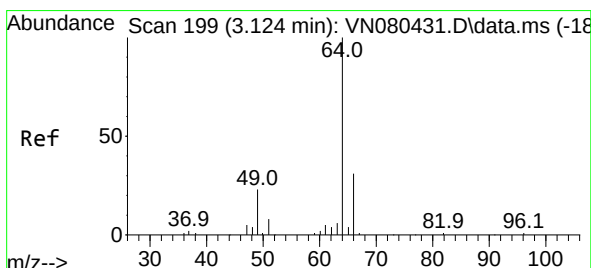
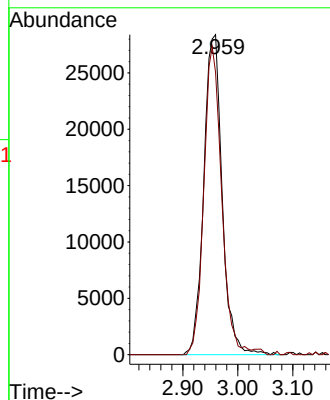
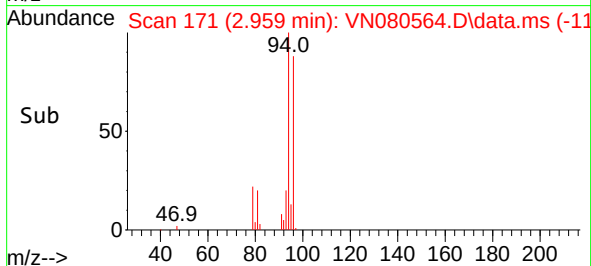
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 6587
Ion Ratio Lower Upper
94 100
96 88.2 73.1 109.7

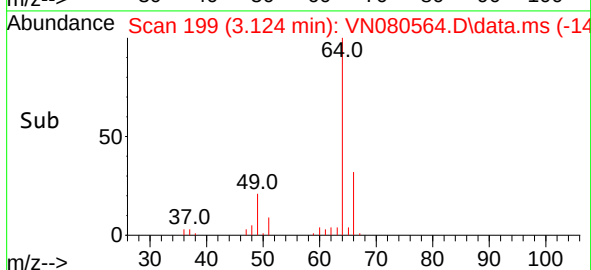
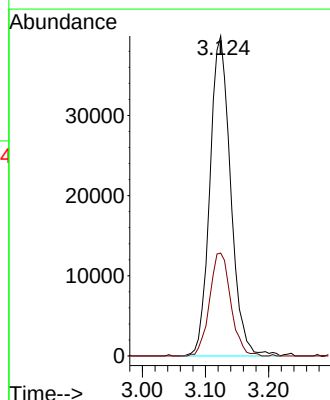
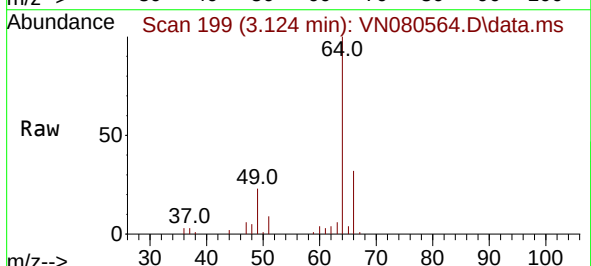
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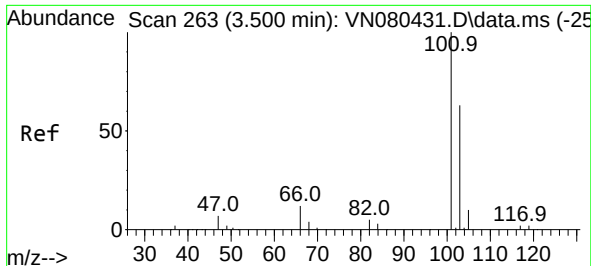
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#6
Chloroethane
Concen: 43.690 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion: 64 Resp: 91184
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 46.815 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

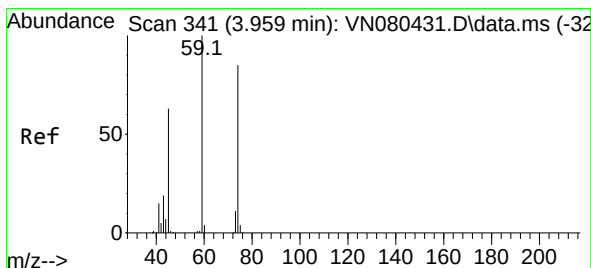
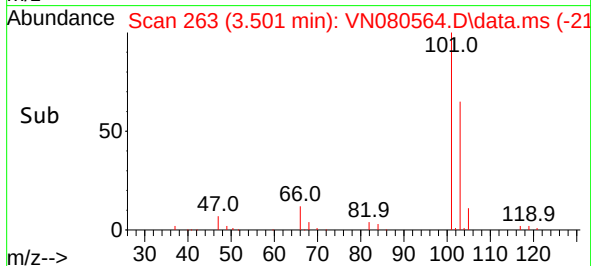
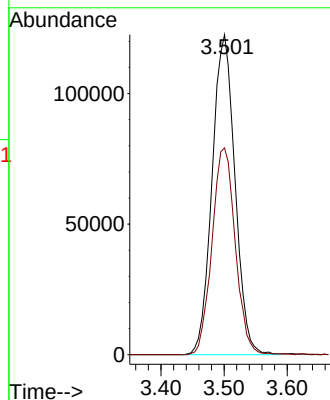
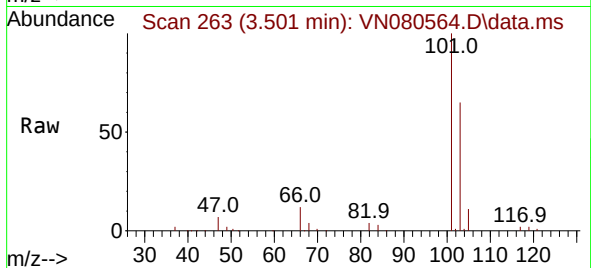
VSTDCCC050

Tgt Ion:101 Resp: 30839
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1

Manual Integrations

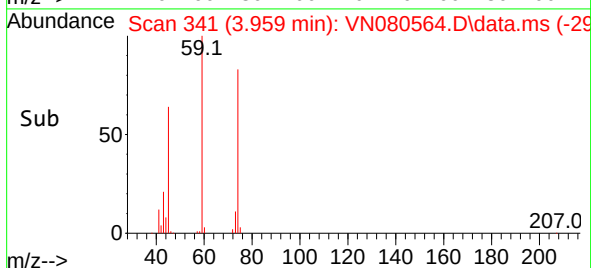
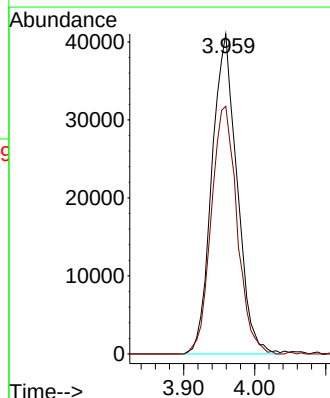
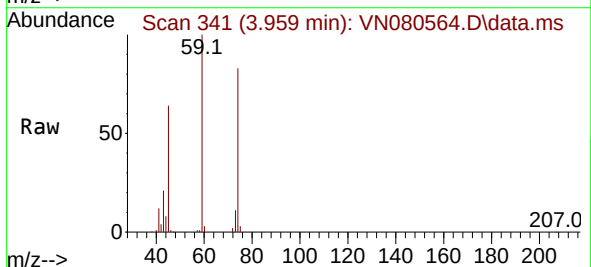
APPROVED

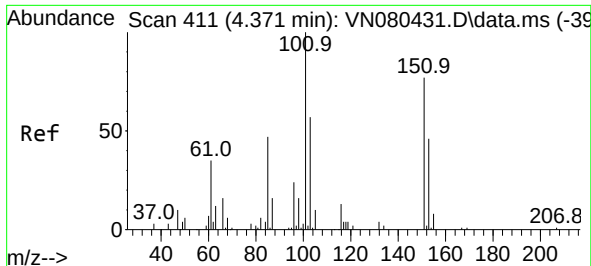
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#8
 Diethyl Ether
 Concen: 48.596 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

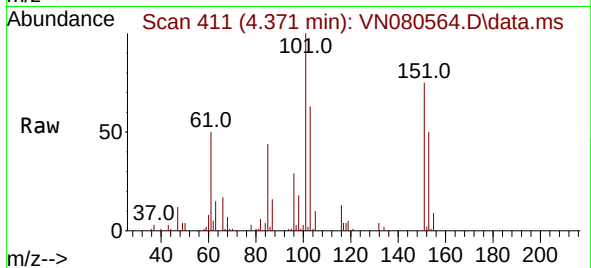
Tgt Ion: 74 Resp: 100835
 Ion Ratio Lower Upper
 74 100
 45 79.6 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.730 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080564.D
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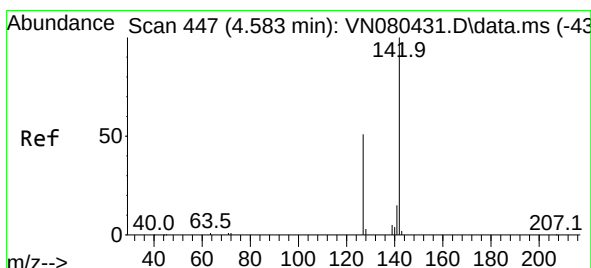
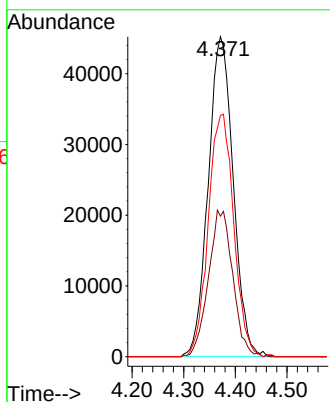
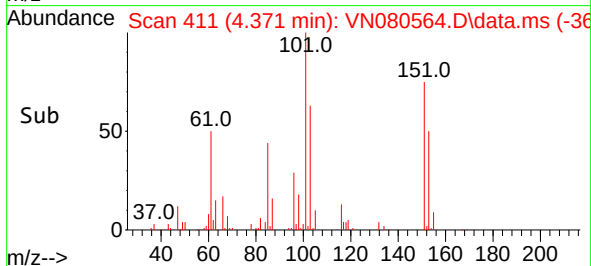
Instrument :
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ClientSampleId :
VSTDCCC050



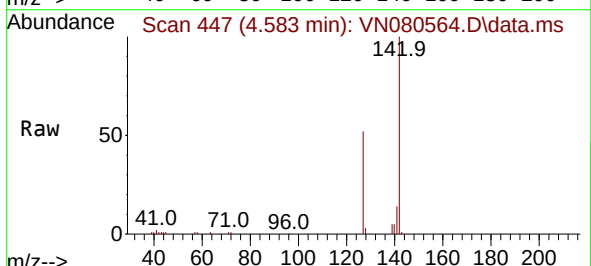
Tgt Ion:101 Resp: 15215
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 77.0 57.6 86.4

Manual Integrations
APPROVED

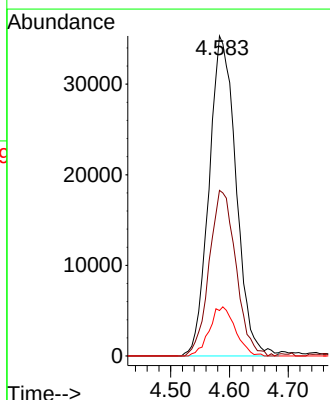
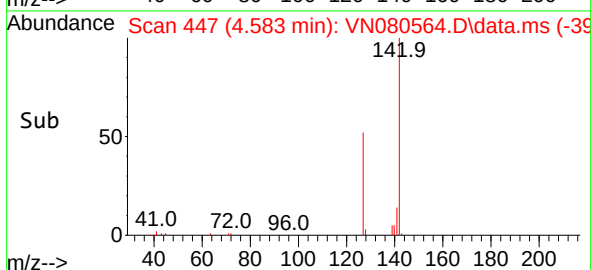
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

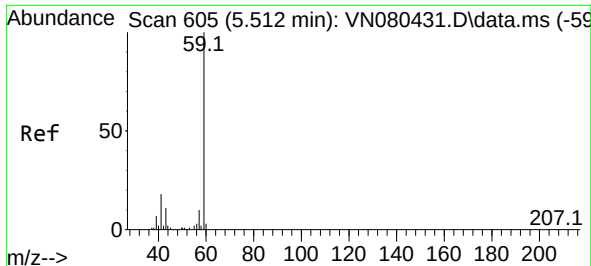


#10
Methyl Iodide
Concen: 40.990 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



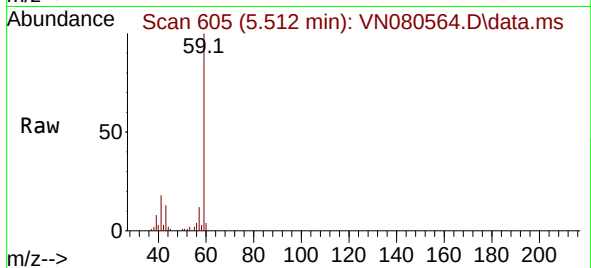
Tgt Ion:142 Resp: 112577
Ion Ratio Lower Upper
142 100
127 51.7 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 221.723 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

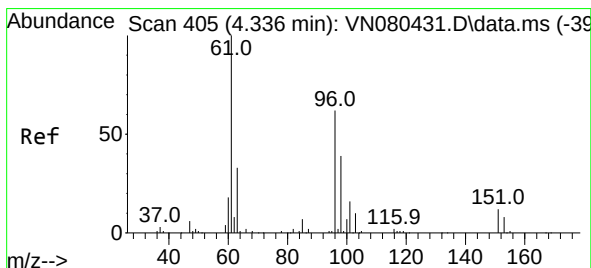
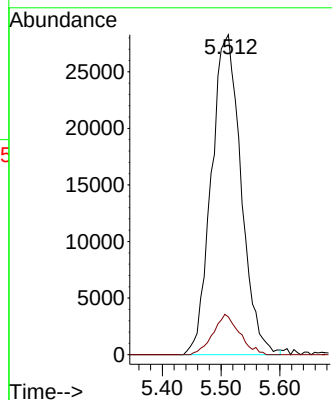
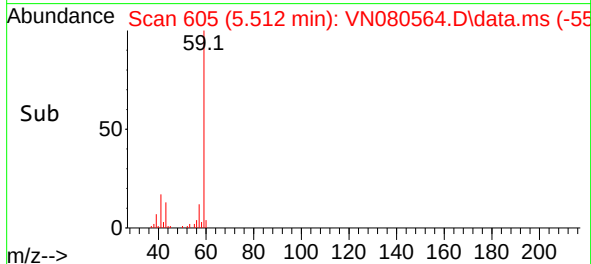
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



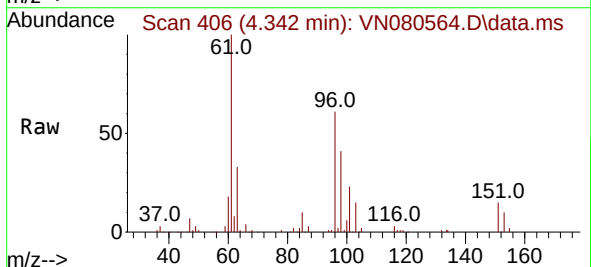
Tgt Ion: 59 Resp: 99258
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

Manual Integrations
APPROVED

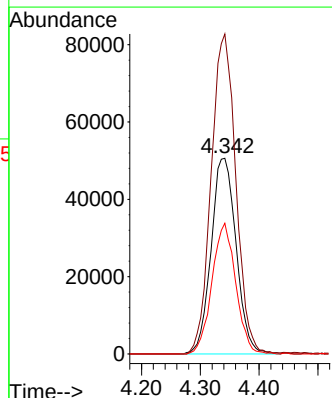
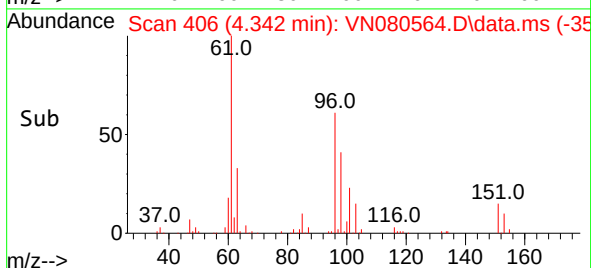
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

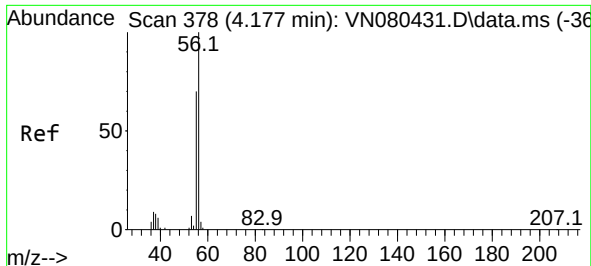


#12
1,1-Dichloroethene
Concen: 46.768 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



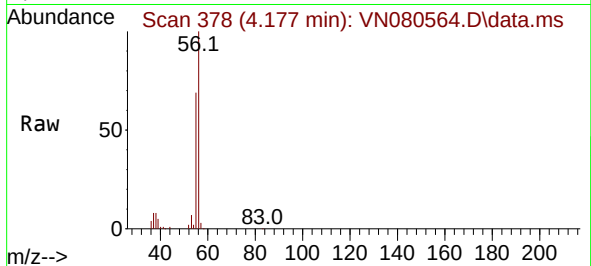
Tgt Ion: 96 Resp: 149628
Ion Ratio Lower Upper
96 100
61 163.5 112.7 169.1
98 66.8 51.2 76.8





#13
Acrolein
Concen: 303.775 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

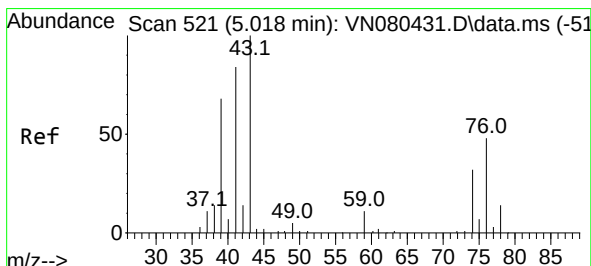
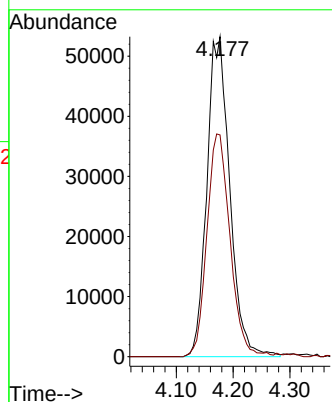
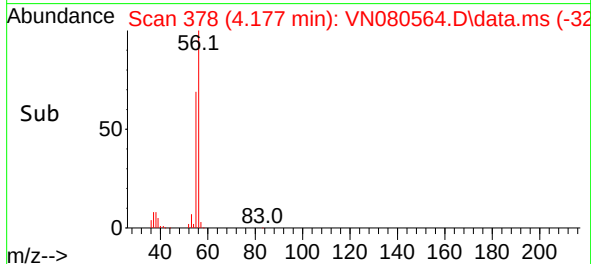
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



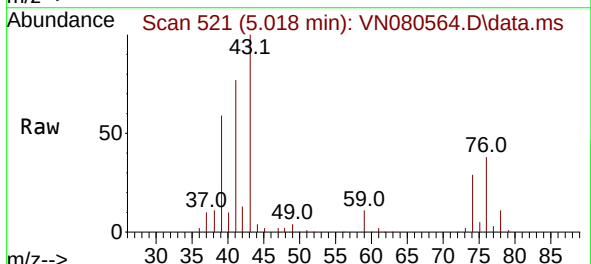
Tgt Ion: 56 Resp: 148928
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7

Manual Integrations
APPROVED

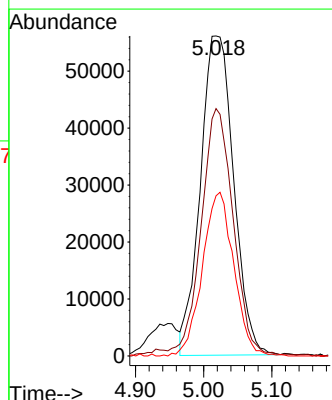
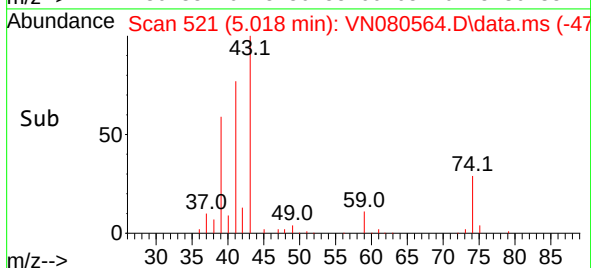
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

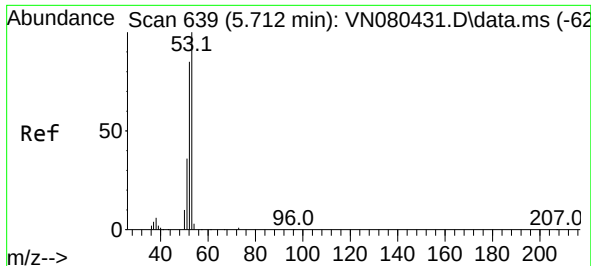


#14
Allyl chloride
Concen: 48.127 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



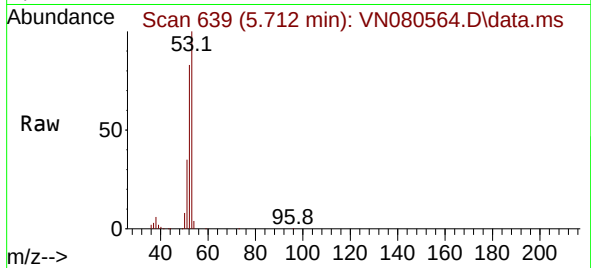
Tgt Ion: 41 Resp: 190505
Ion Ratio Lower Upper
41 100
39 74.8 58.8 88.2
76 48.4 39.1 58.7





#15
Acrylonitrile
Concen: 266.200 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

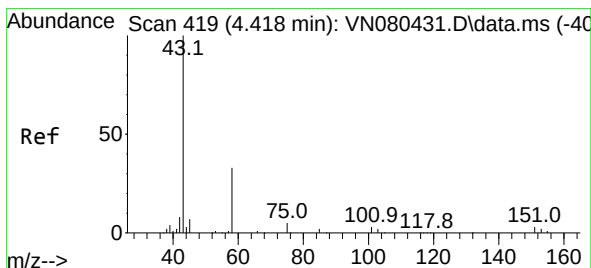
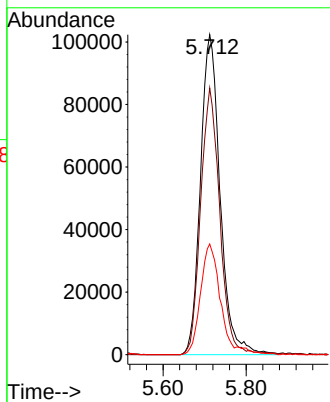
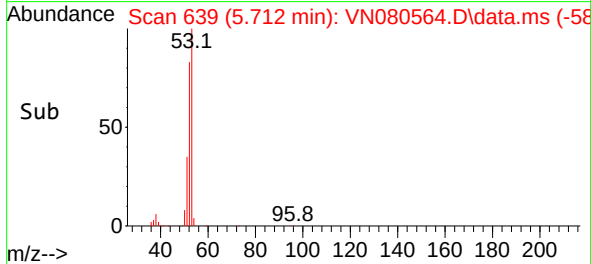
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



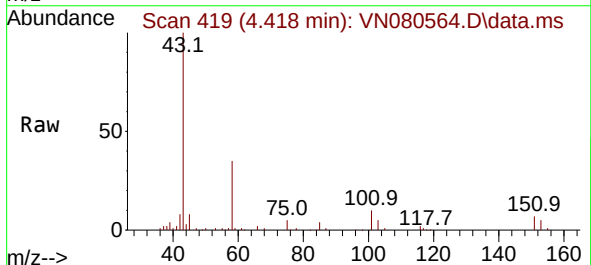
Tgt Ion: 53 Resp: 336719
Ion Ratio Lower Upper
53 100
52 80.8 65.3 97.9
51 35.4 28.9 43.3

Manual Integrations
APPROVED

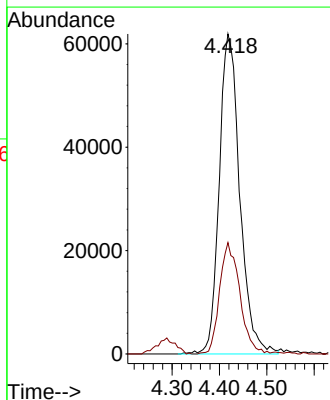
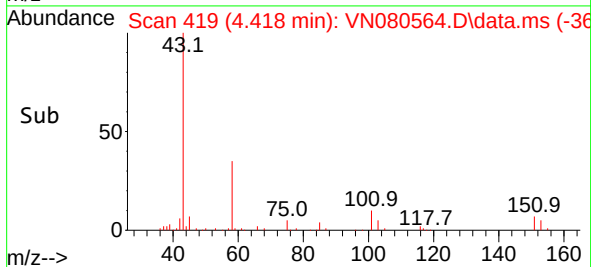
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

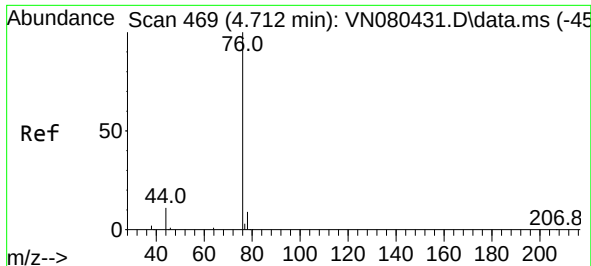


#16
Acetone
Concen: 276.804 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



Tgt Ion: 43 Resp: 186561
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0





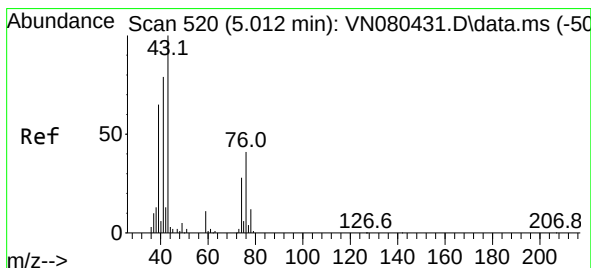
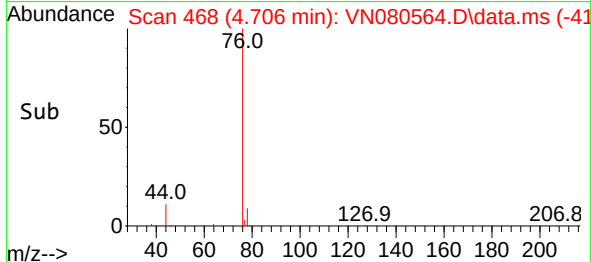
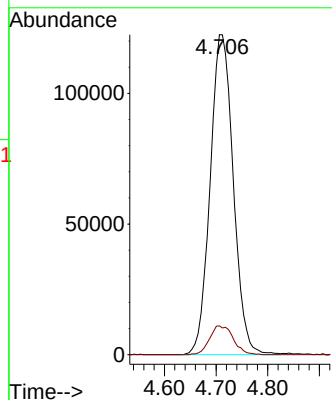
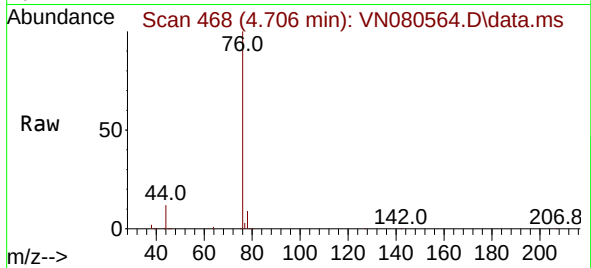
#17
Carbon Disulfide
Concen: 42.021 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 380998
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

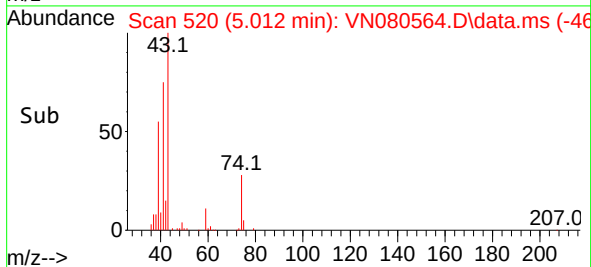
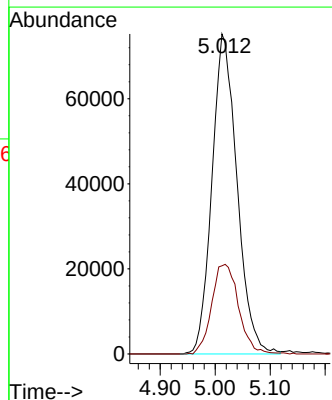
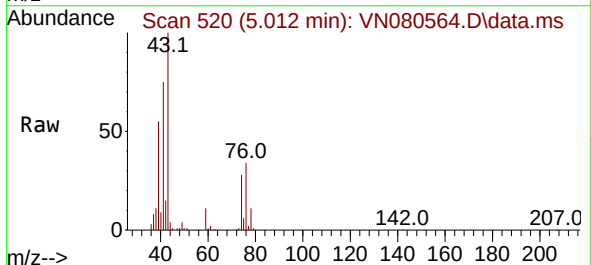
Manual Integrations
APPROVED

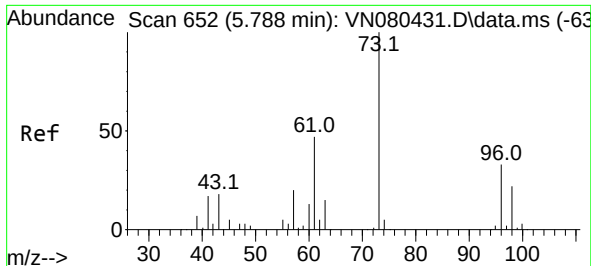
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#18
Methyl Acetate
Concen: 54.950 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

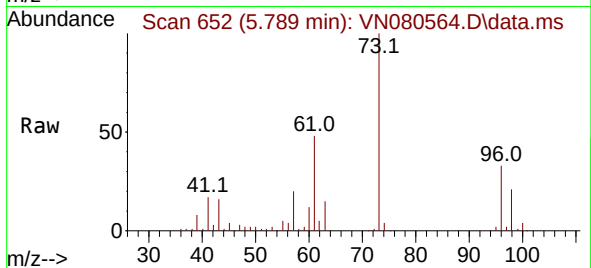
Tgt Ion: 43 Resp: 238301
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.700 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

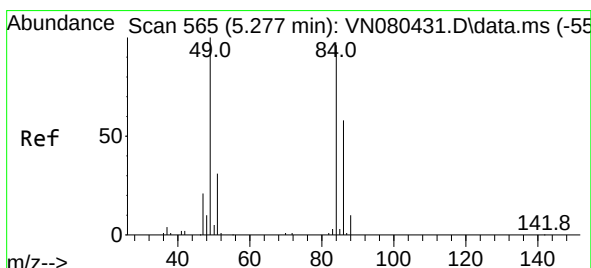
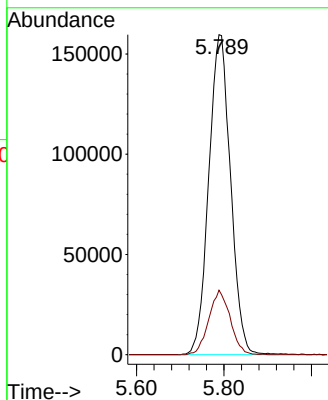
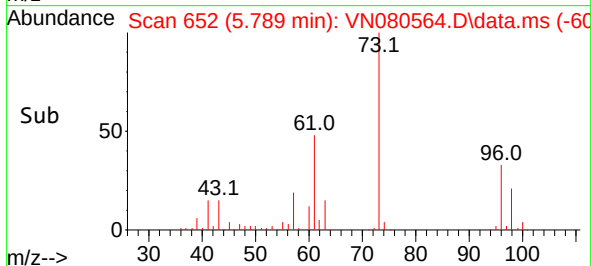
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



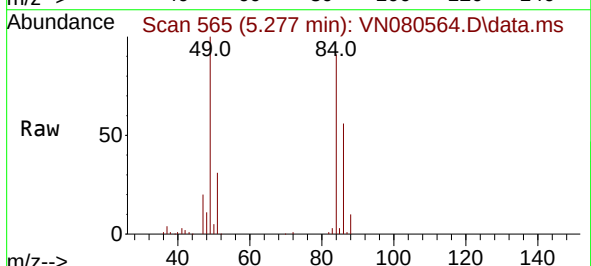
Tgt Ion: 73 Resp: 55184
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

Manual Integrations
APPROVED

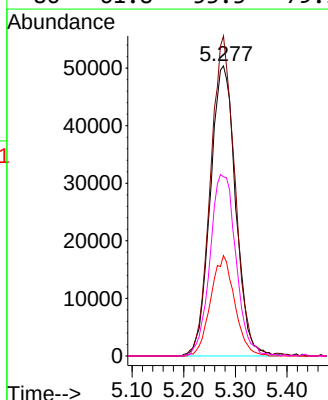
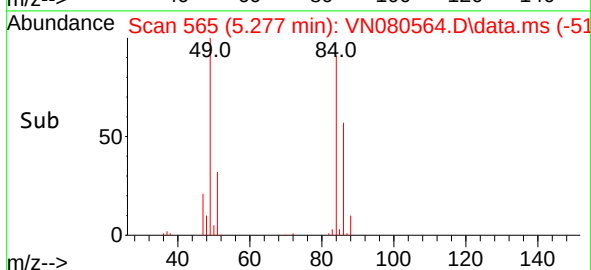
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

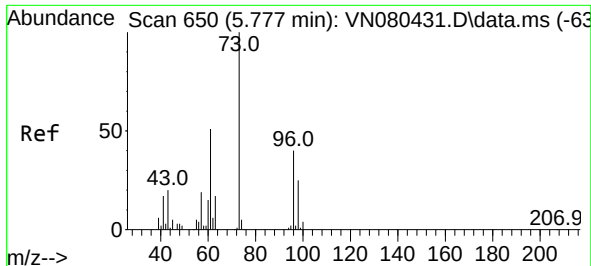


#20
Methylene Chloride
Concen: 47.596 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



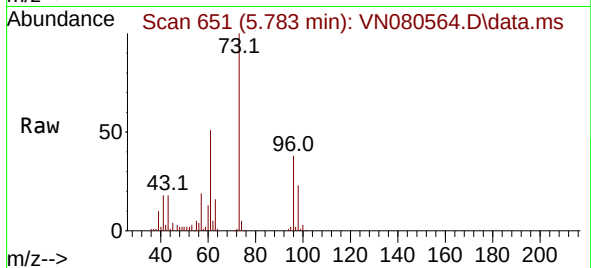
Tgt Ion: 84 Resp: 171676
Ion Ratio Lower Upper
84 100
49 110.3 79.7 119.5
51 34.6 25.2 37.8
86 61.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.850 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

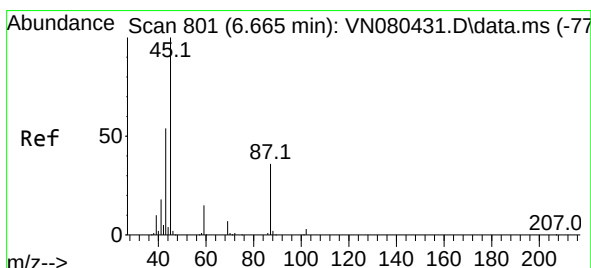
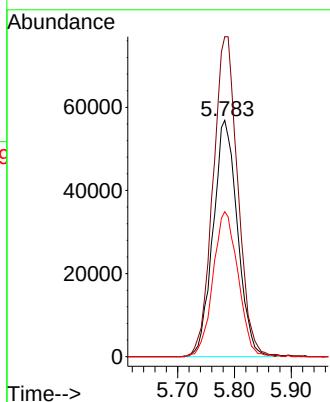
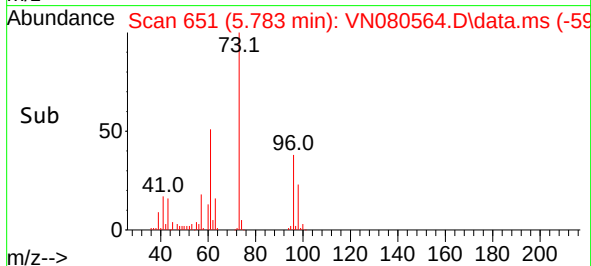
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 16946
Ion Ratio Lower Upper
96 100
61 135.4 90.1 135.1
98 61.4 46.4 69.6

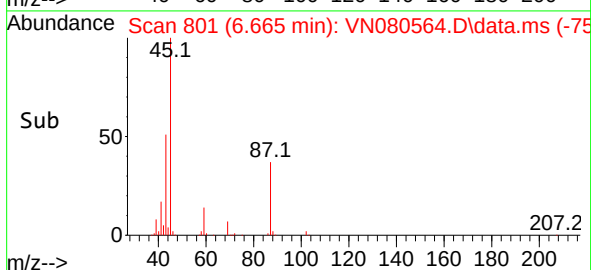
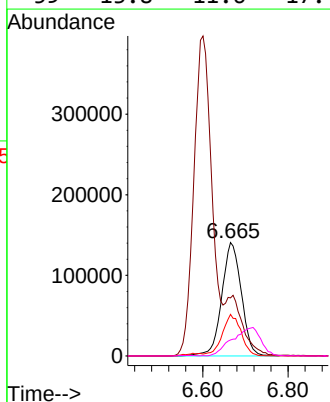
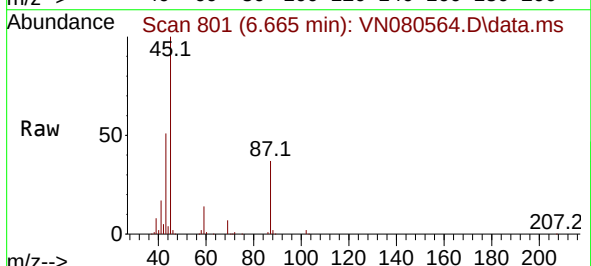
Manual Integrations
APPROVED

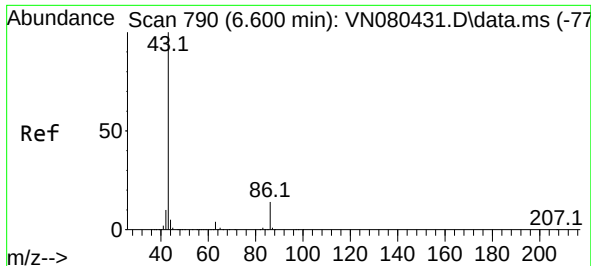
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#22
Diisopropyl ether
Concen: 52.631 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

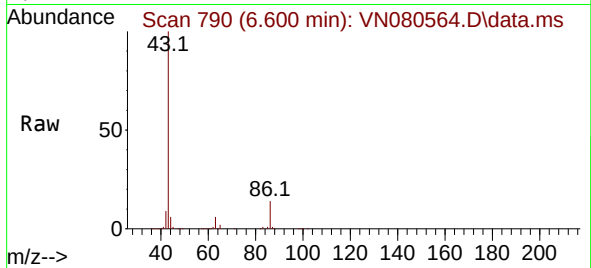
Tgt Ion: 45 Resp: 449642
Ion Ratio Lower Upper
45 100
43 50.7 45.5 68.3
87 36.7 31.8 47.8
59 13.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 238.396 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

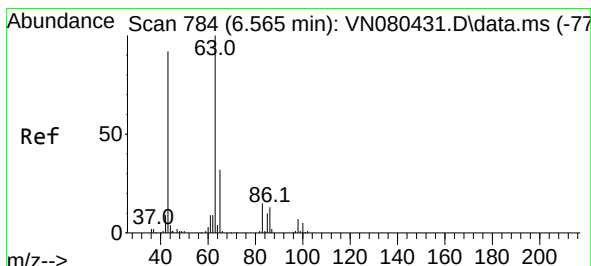
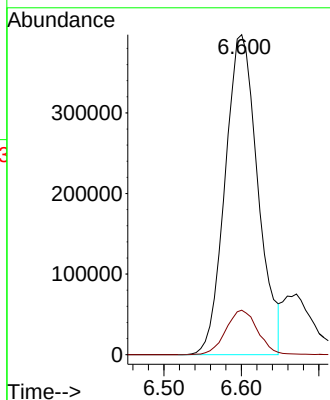
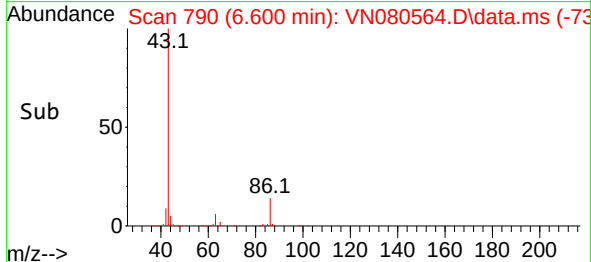
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 116975
 Ion Ratio Lower Upper
 43 100
 86 13.9 13.0 19.6

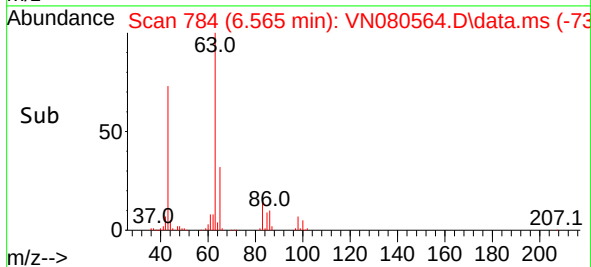
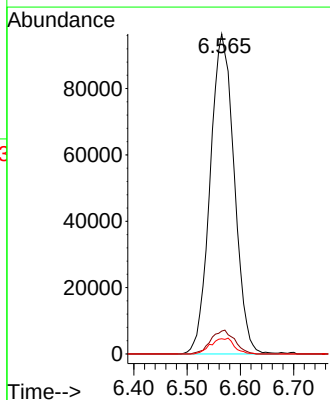
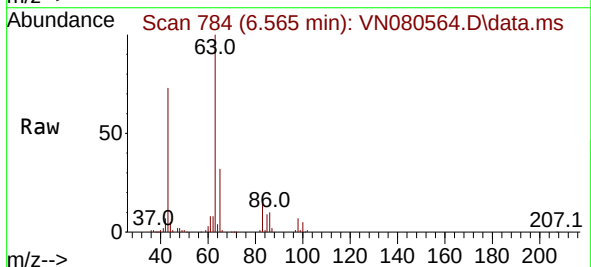
Manual Integrations
 APPROVED

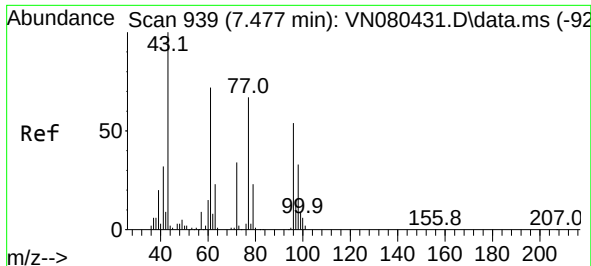
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 50.757 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

Tgt Ion: 63 Resp: 302545
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.8 2.5 7.4





#25

2-Butanone

Concen: 272.283 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 35352

Ion Ratio Lower Upper

43 100

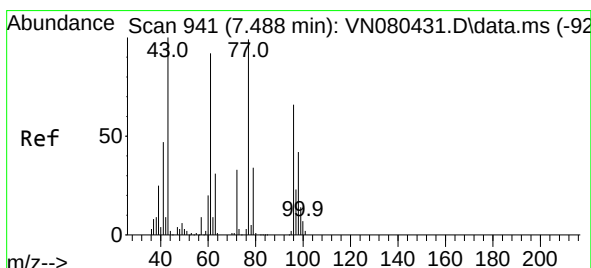
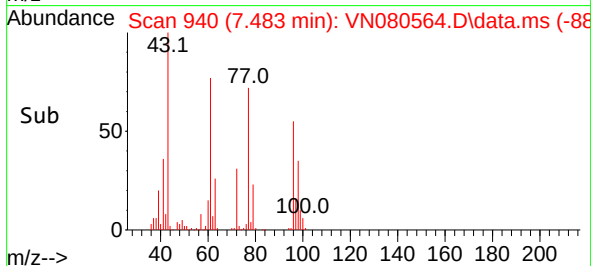
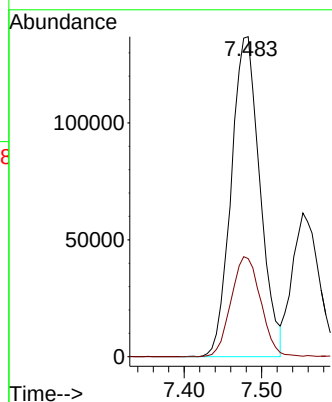
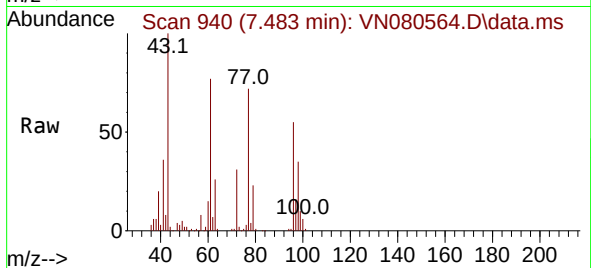
72 30.7 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#26

2,2-Dichloropropane

Concen: 48.608 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080564.D

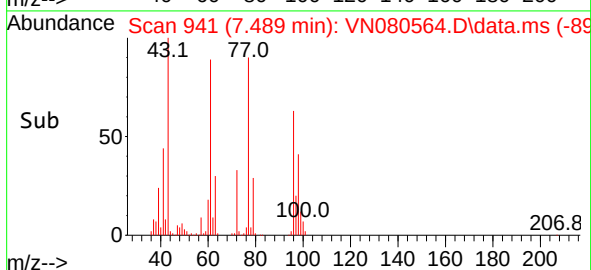
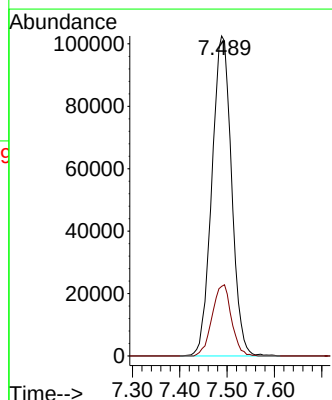
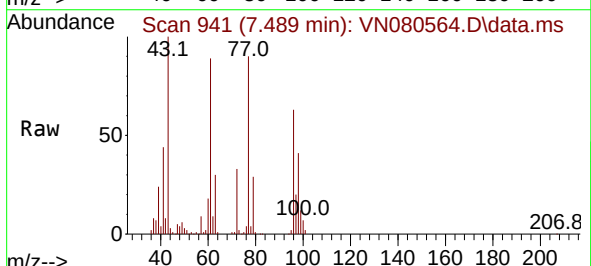
Acq: 21 Dec 2023 10:51

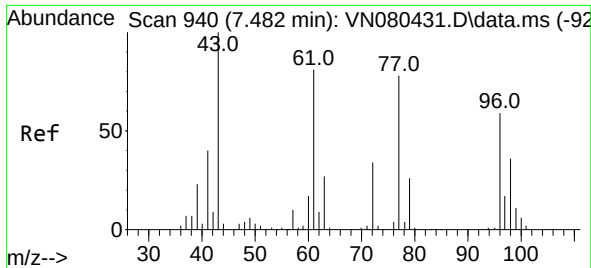
Tgt Ion: 77 Resp: 296268

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.6





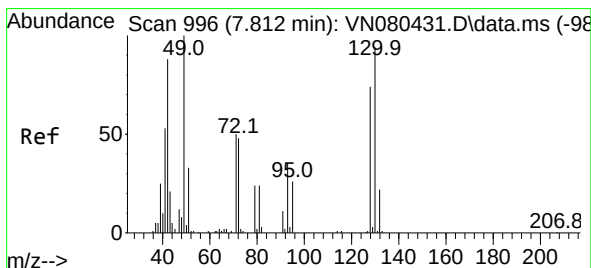
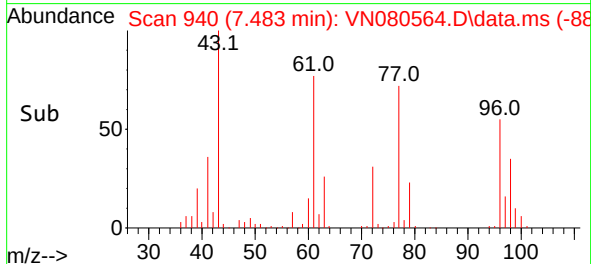
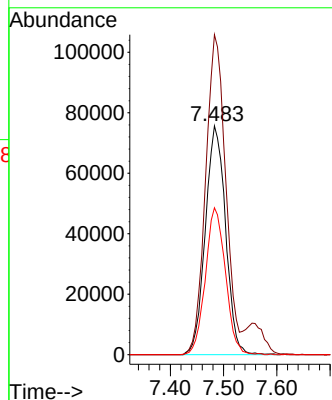
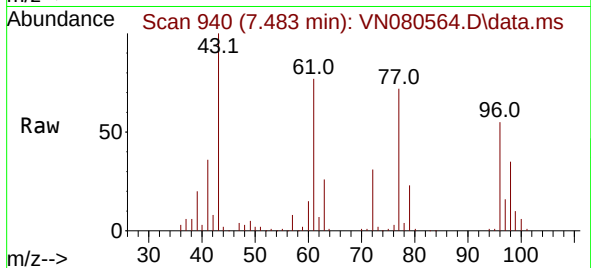
#27
 cis-1,2-Dichloroethene
 Concen: 50.970 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 200145
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 255.2
 98 63.7 0.0 128.8

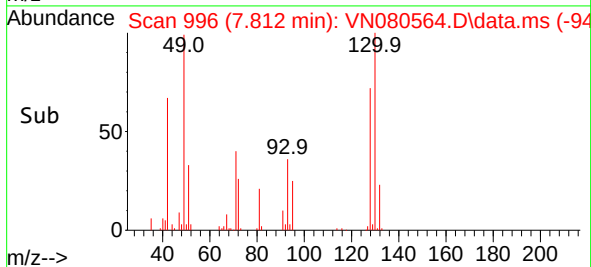
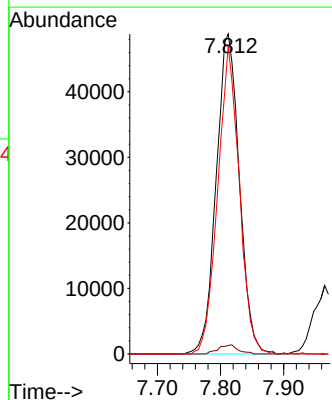
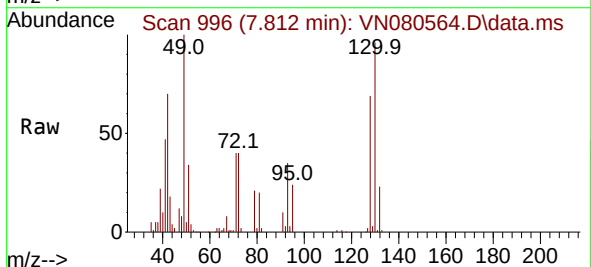
Manual Integrations
 APPROVED

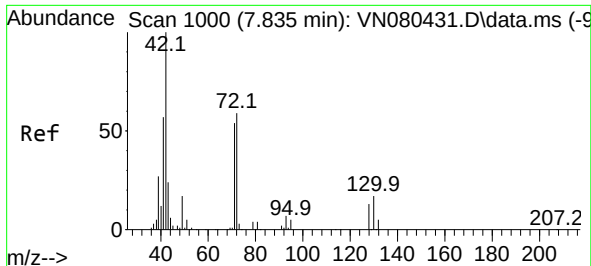
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#28
 Bromochloromethane
 Concen: 54.333 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

Tgt Ion: 49 Resp: 124347
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 89.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 257.396 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 23931

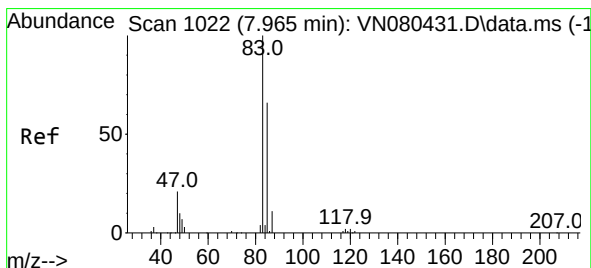
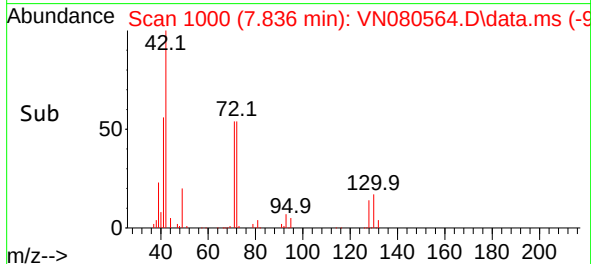
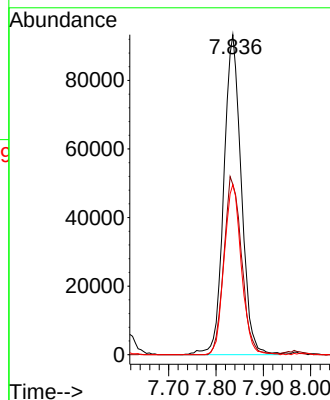
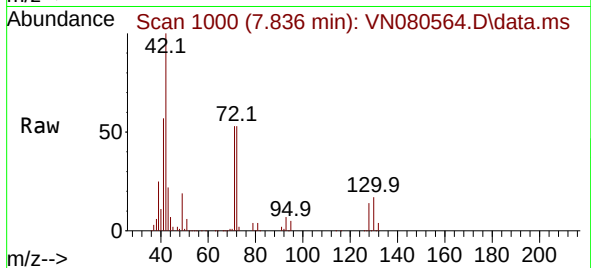
Ion	Ratio	Lower	Upper
42	100		
72	56.2	49.8	74.6
71	52.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#30

Chloroform

Concen: 51.205 ug/l

RT: 7.965 min Scan# 1022

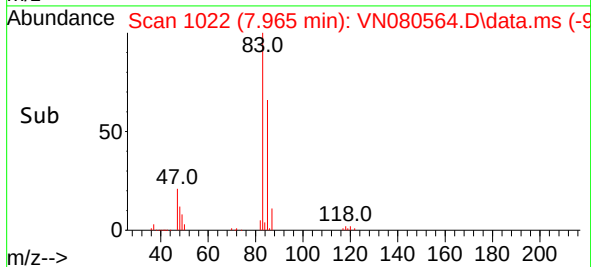
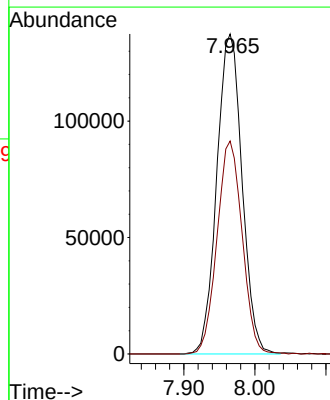
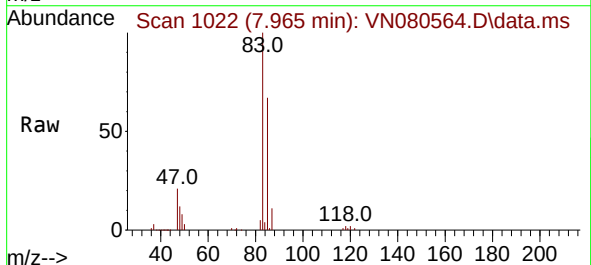
Delta R.T. 0.000 min

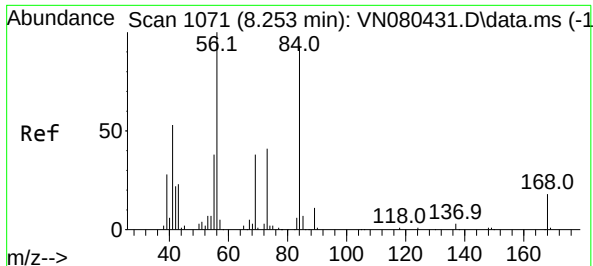
Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Tgt Ion: 83 Resp: 338793

Ion	Ratio	Lower	Upper
83	100		
85	66.6	55.4	83.0





#31

Cyclohexane

Concen: 44.146 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 228190

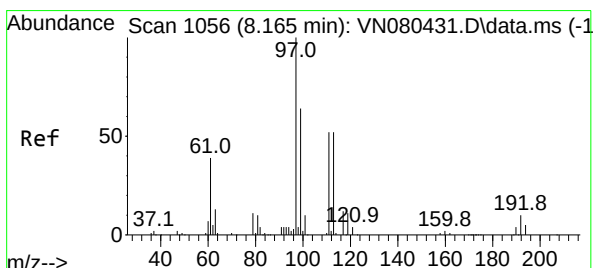
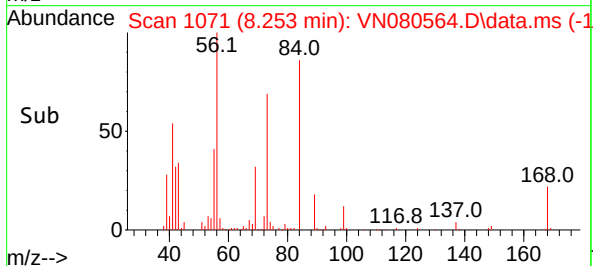
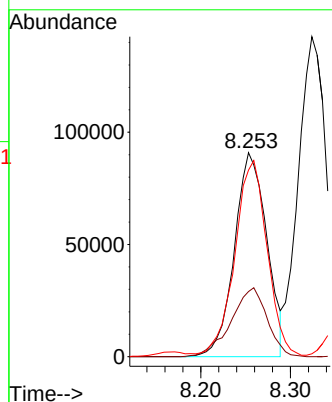
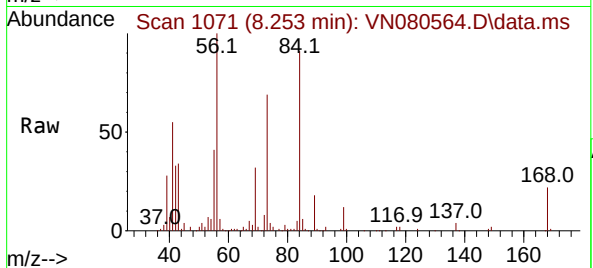
Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.8	40.2
84	89.4	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#32

1,1,1-Trichloroethane

Concen: 49.750 ug/l

RT: 8.171 min Scan# 1057

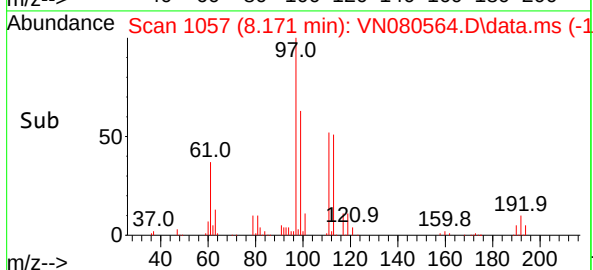
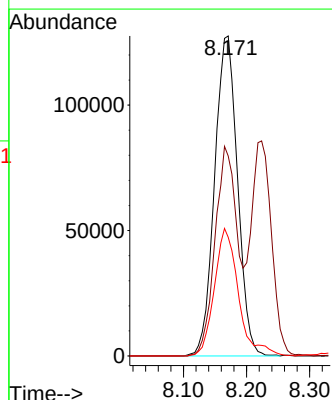
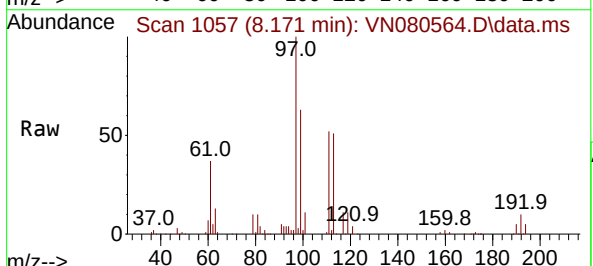
Delta R.T. 0.006 min

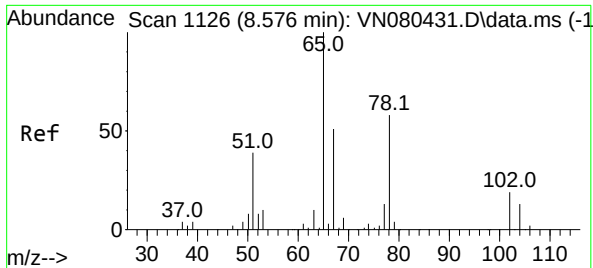
Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Tgt Ion: 97 Resp: 322291

Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.3	75.5
61	41.8	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 54.593 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 20751

Ion Ratio Lower Upper

65 100

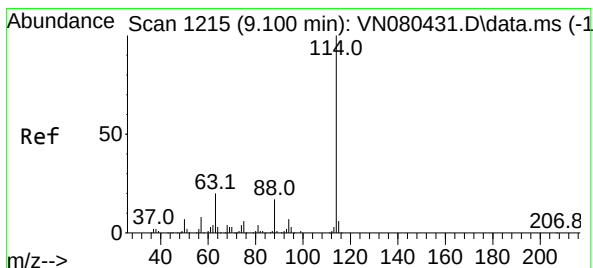
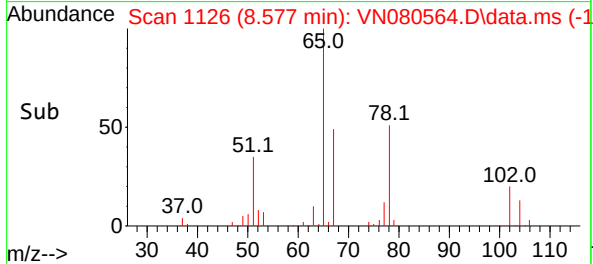
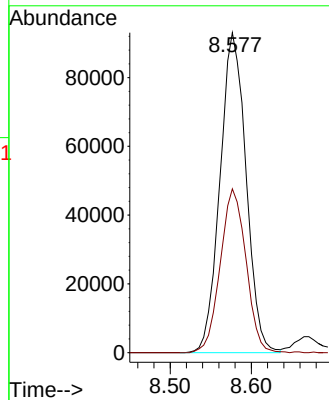
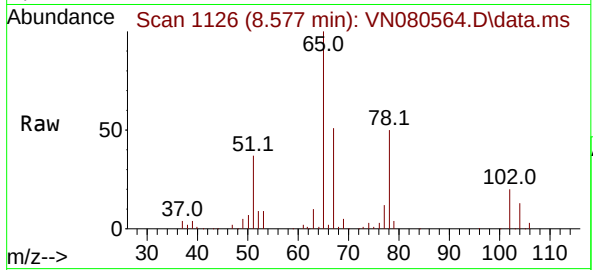
67 50.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

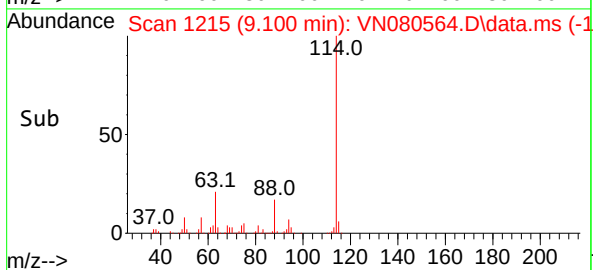
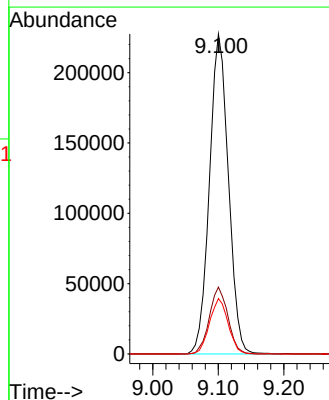
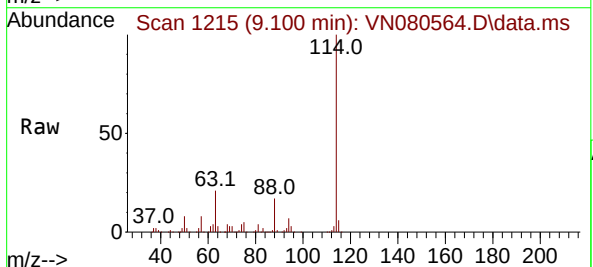
Tgt Ion:114 Resp: 456820

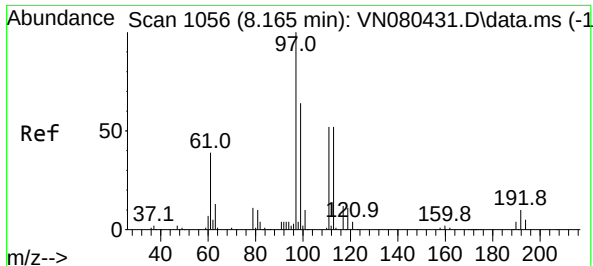
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

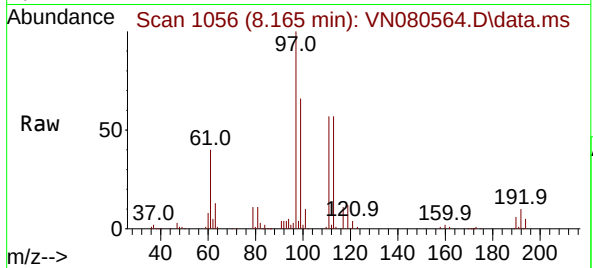
88 17.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 57.642 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

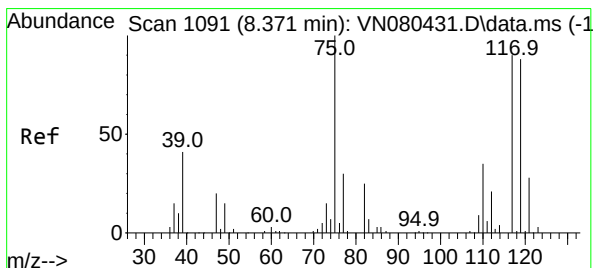
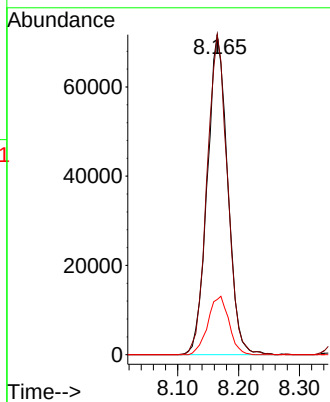
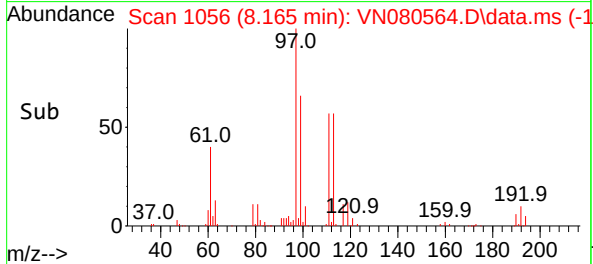
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



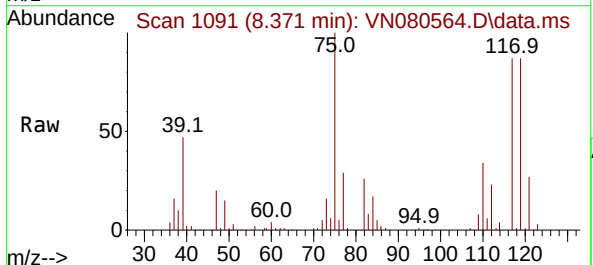
Tgt Ion: 113 Resp: 16695
Ion Ratio Lower Upper
113 100
111 100.2 82.6 123.8
192 18.8 12.7 19.1

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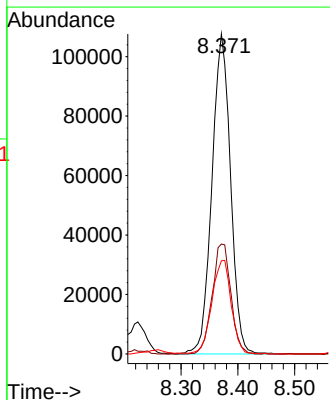
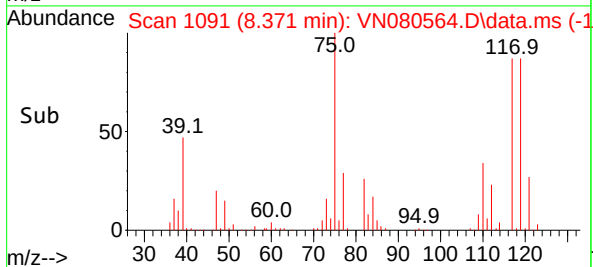
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

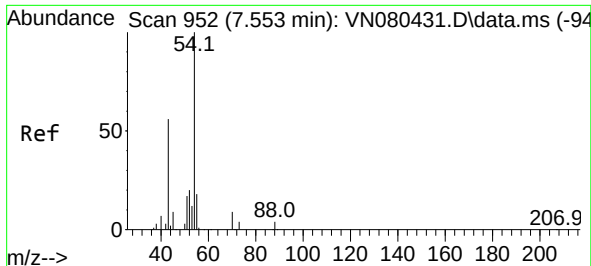


#36
1,1-Dichloropropene
Concen: 51.615 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



Tgt Ion: 75 Resp: 244441
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 51.404 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15244

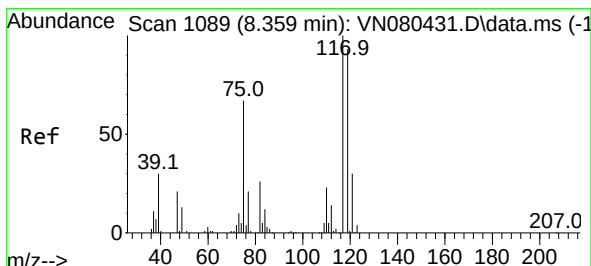
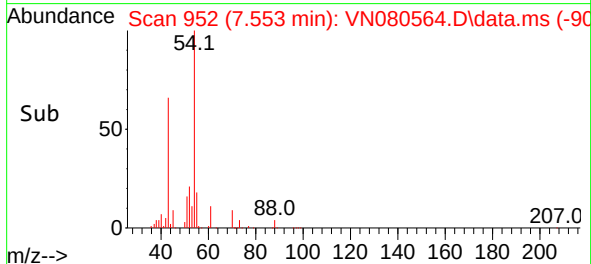
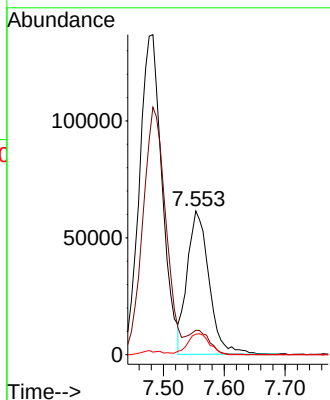
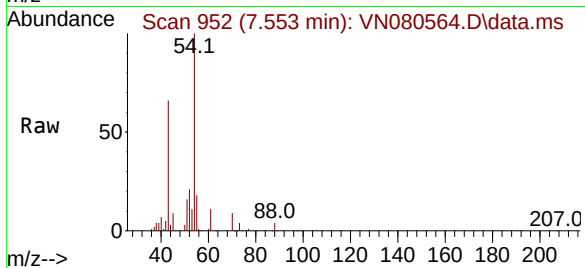
Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.2	19.8
70	14.9	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#38

Carbon Tetrachloride

Concen: 49.557 ug/l

RT: 8.365 min Scan# 1090

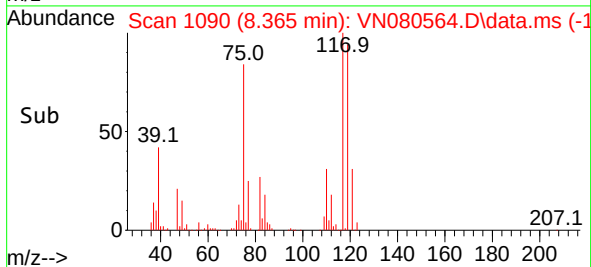
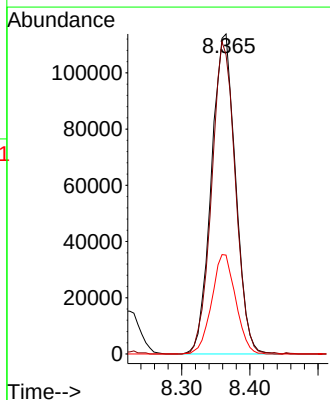
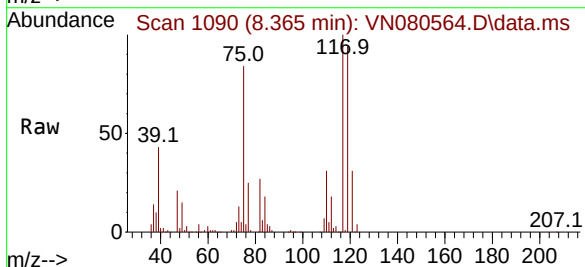
Delta R.T. 0.006 min

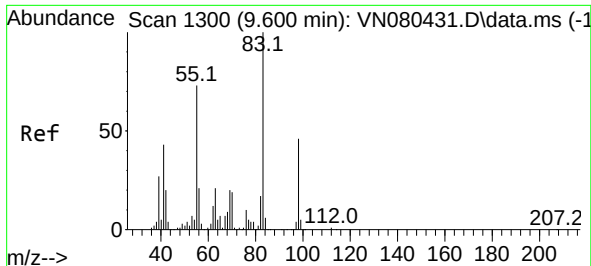
Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Tgt Ion:117 Resp: 280431

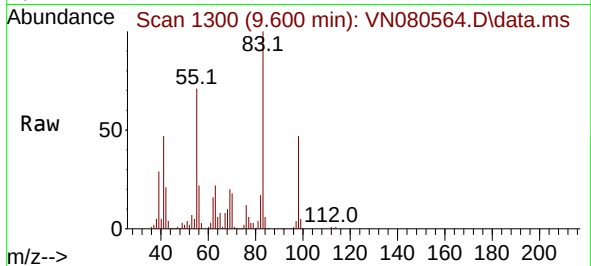
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.3	115.9
121	30.9	23.3	34.9





#39
Methylcyclohexane
Concen: 45.820 ug/l
RT: 9.600 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

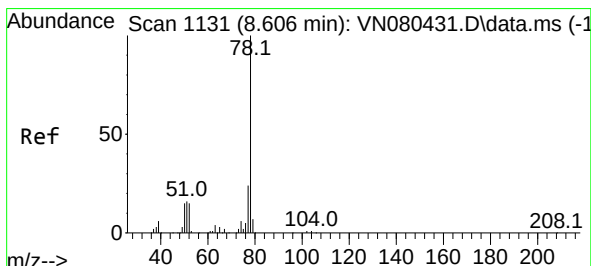
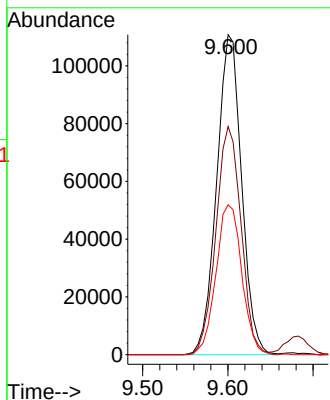
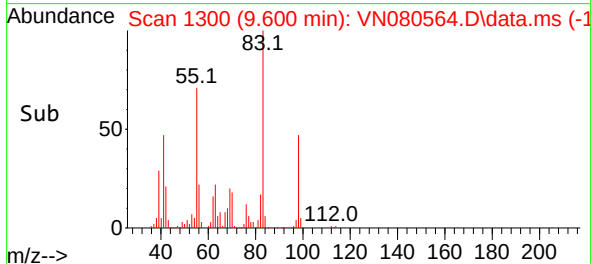
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



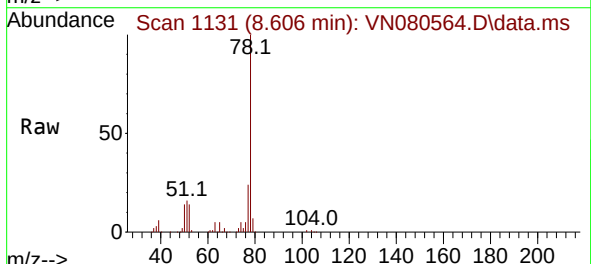
Tgt Ion: 83 Resp: 22542
Ion Ratio Lower Upper
83 100
55 71.3 49.1 73.7
98 46.8 40.6 61.0

Manual Integrations
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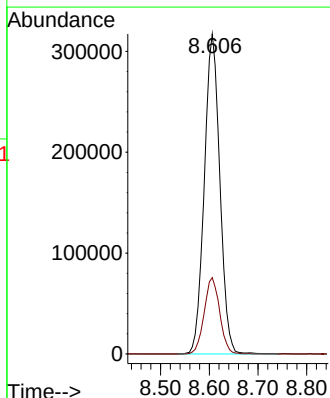
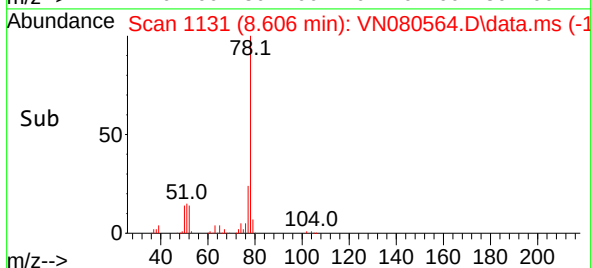
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

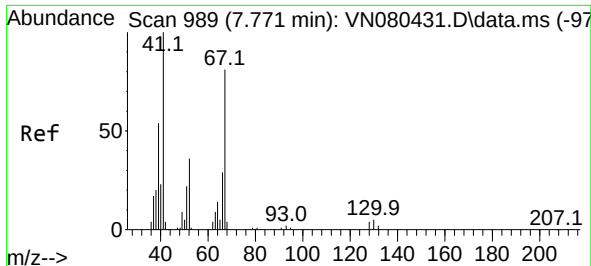


#40
Benzene
Concen: 51.274 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



Tgt Ion: 78 Resp: 701190
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





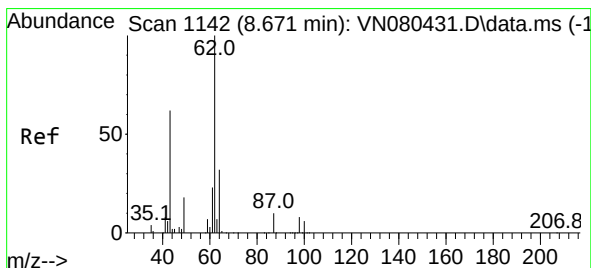
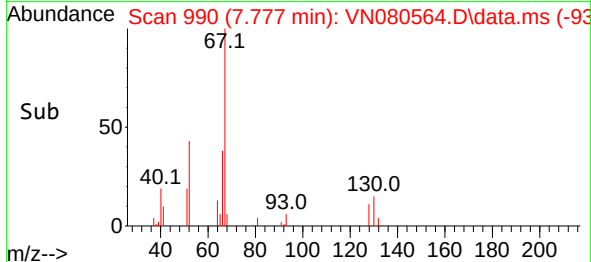
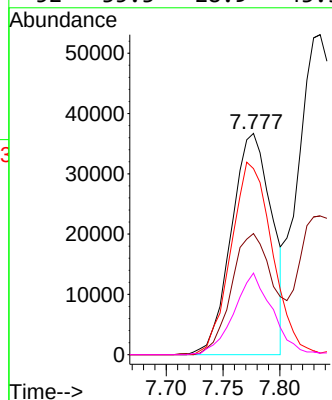
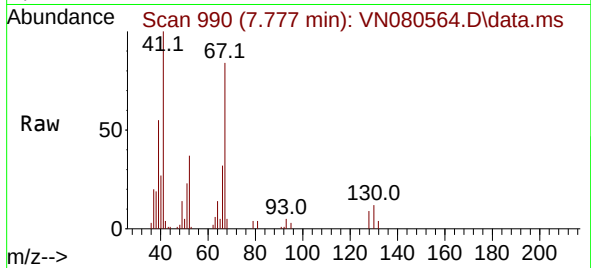
#41
Methacrylonitrile
Concen: 53.173 ug/l
RT: 7.777 min Scan# 90910
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 90910
Ion Ratio Lower Upper
41 100
39 58.0 42.6 64.0
67 89.4 77.5 116.3
52 35.3 28.9 43.3

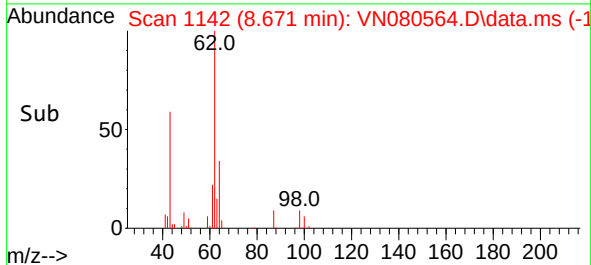
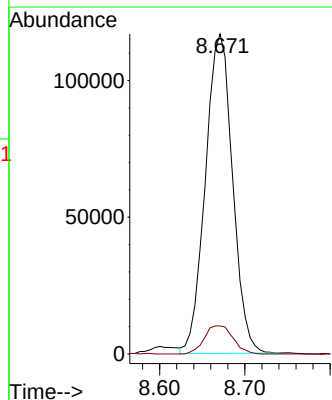
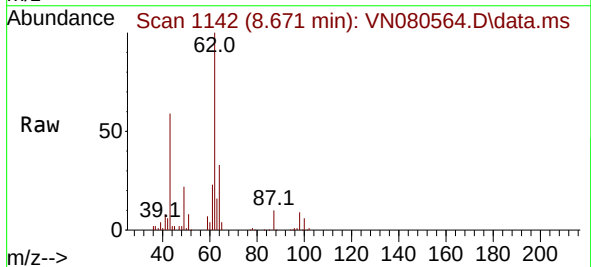
Manual Integrations
APPROVED

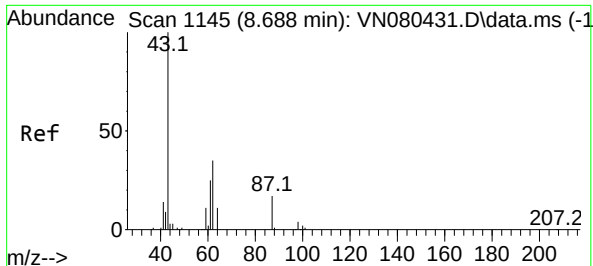
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#42
1,2-Dichloroethane
Concen: 51.081 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

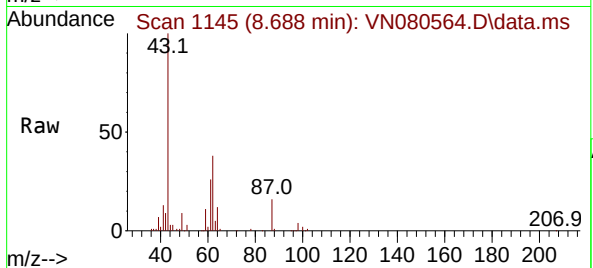
Tgt Ion: 62 Resp: 258681
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 52.764 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

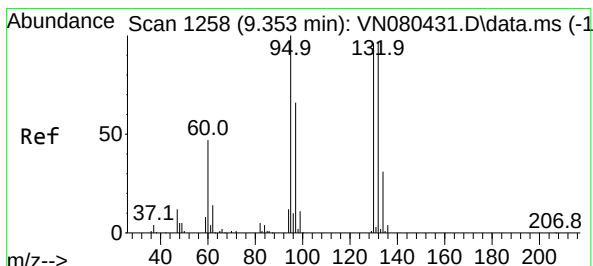
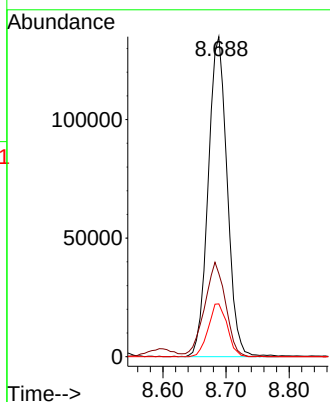
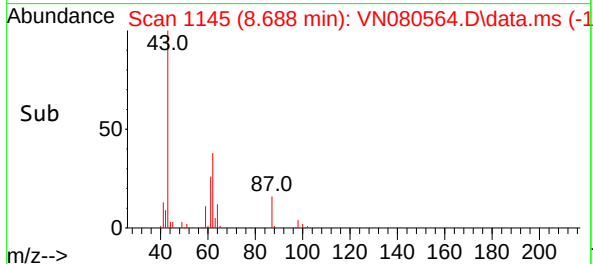
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



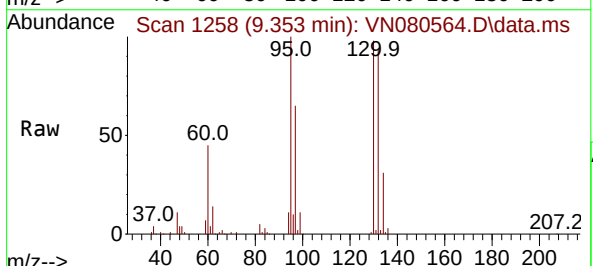
Tgt Ion: 43 Resp: 281348
Ion Ratio Lower Upper
43 100
61 32.8 24.7 37.1
87 16.5 14.6 21.8

Manual Integrations
APPROVED

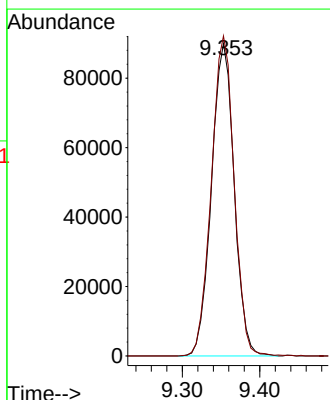
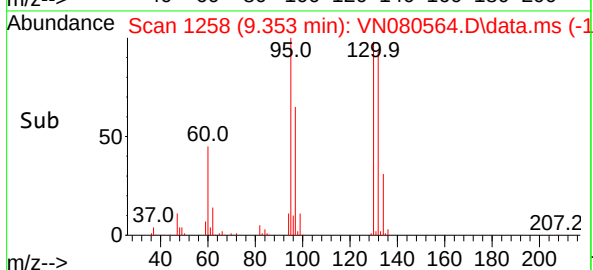
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

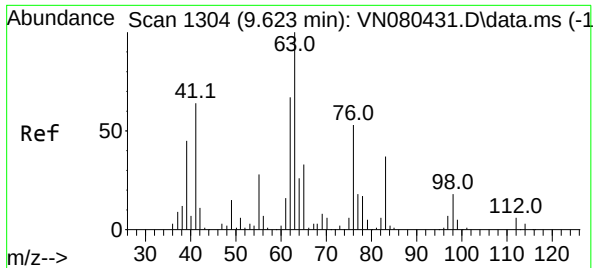


#44
Trichloroethene
Concen: 49.648 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



Tgt Ion:130 Resp: 183039
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.738 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 175810

Ion Ratio Lower Upper

63 100

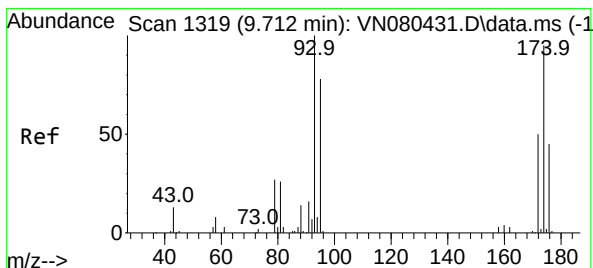
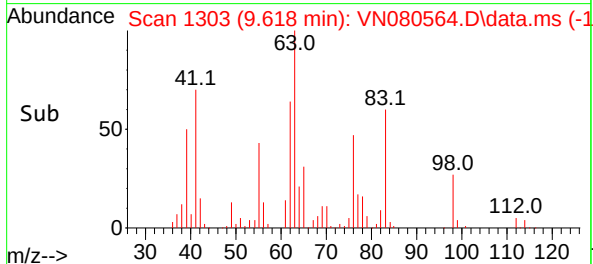
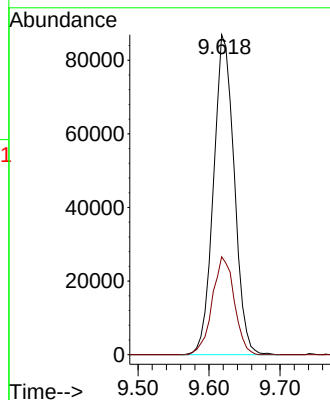
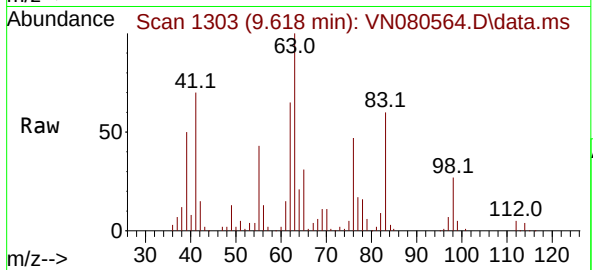
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#46

Dibromomethane

Concen: 51.510 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

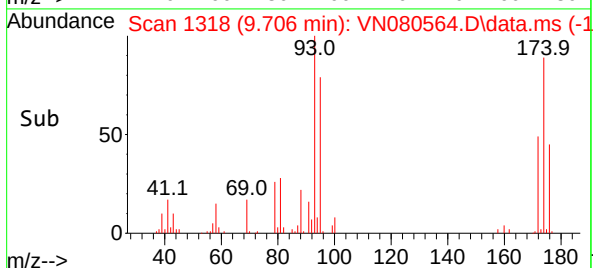
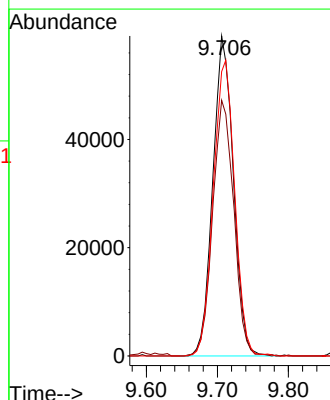
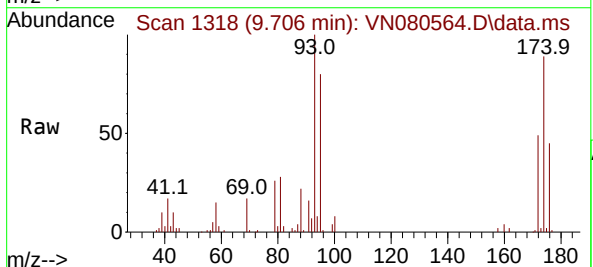
Tgt Ion: 93 Resp: 118815

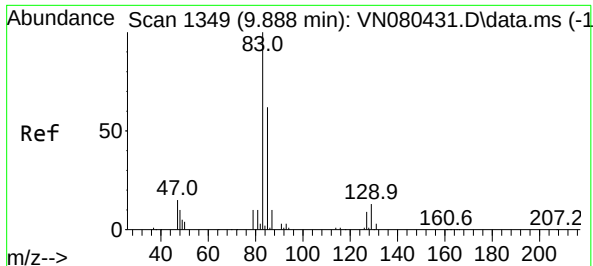
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

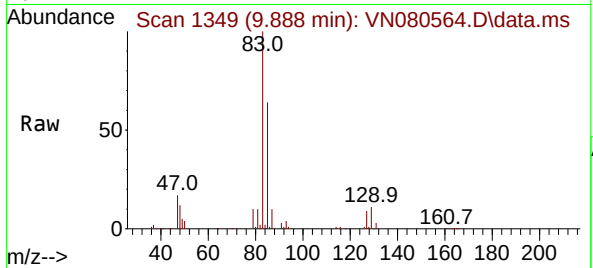
174 96.0 65.6 98.4





#47
Bromodichloromethane
Concen: 53.105 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

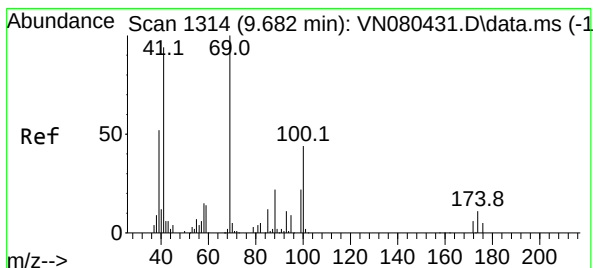
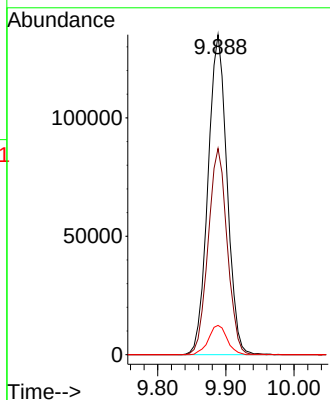
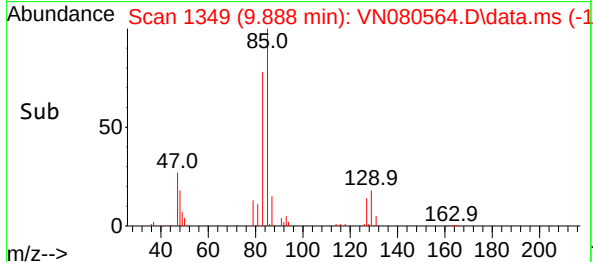
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 26252
Ion Ratio Lower Upper
83 100
85 64.4 49.6 74.4
127 9.1 7.0 10.6

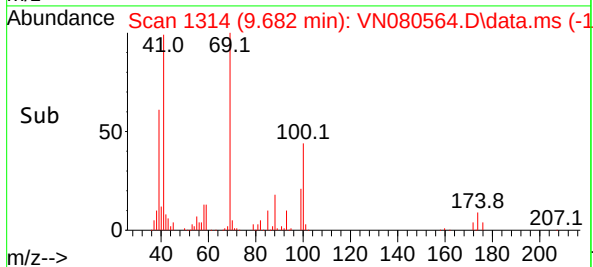
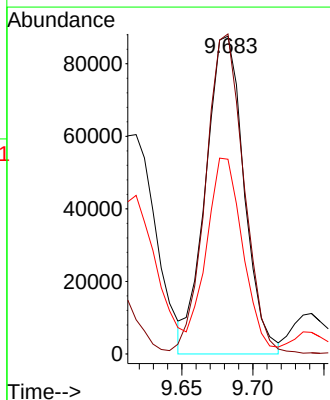
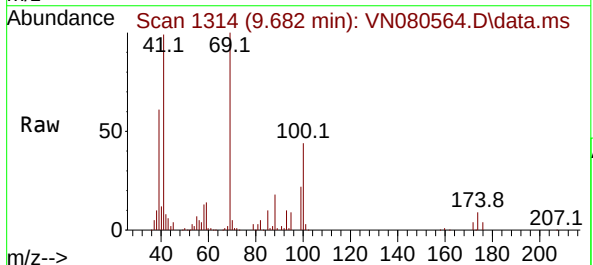
Manual Integrations
APPROVED

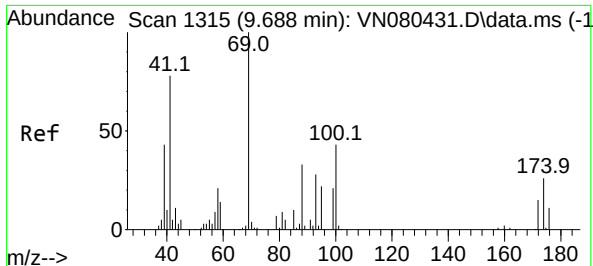
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#48
Methyl methacrylate
Concen: 51.841 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion: 41 Resp: 164959
Ion Ratio Lower Upper
41 100
69 99.4 90.4 135.6
39 58.6 54.6 81.8





#49

1,4-Dioxane

Concen: 922.934 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 44514

Ion Ratio Lower Upper

88 100

43 30.9 17.0 25.6

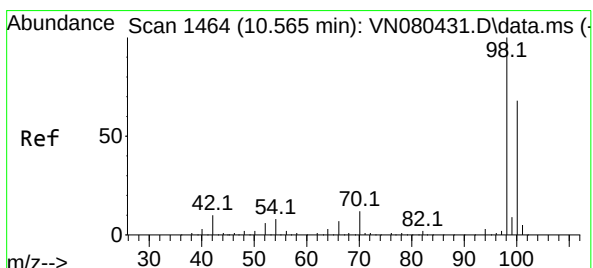
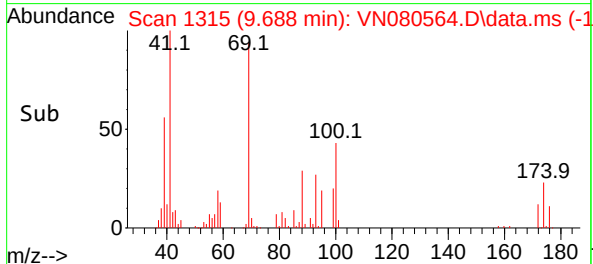
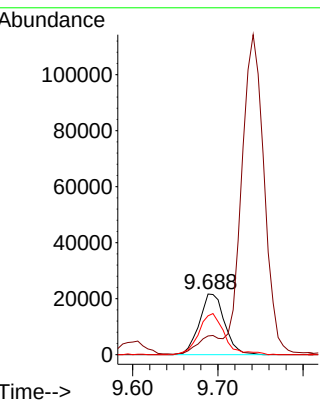
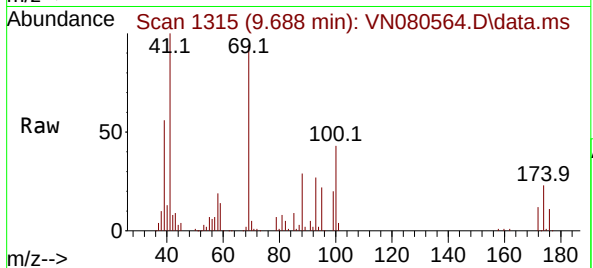
58 69.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#50

Toluene-d8

Concen: 55.937 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080564.D

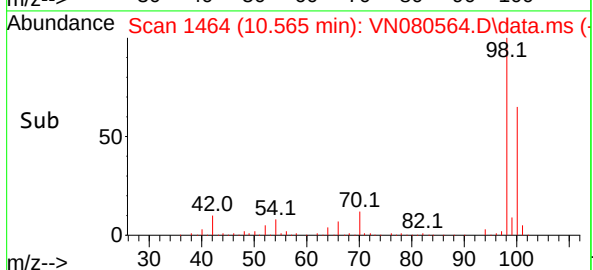
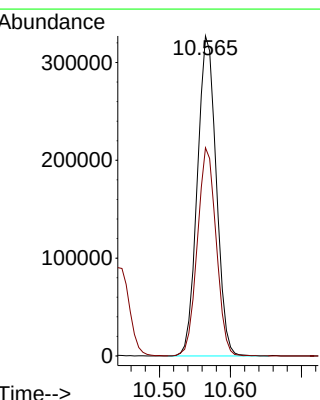
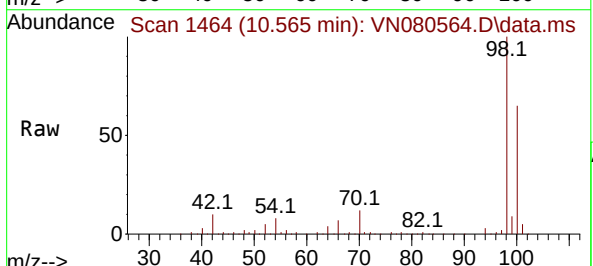
Acq: 21 Dec 2023 10:51

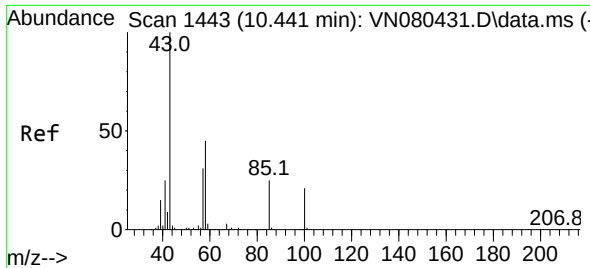
Tgt Ion: 98 Resp: 604245

Ion Ratio Lower Upper

98 100

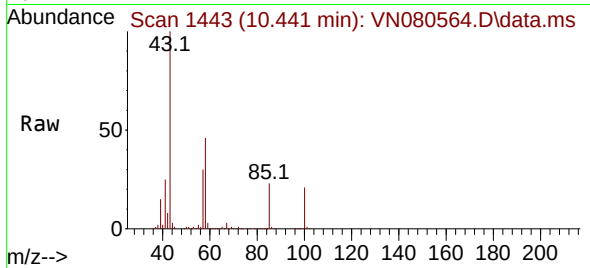
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 267.733 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

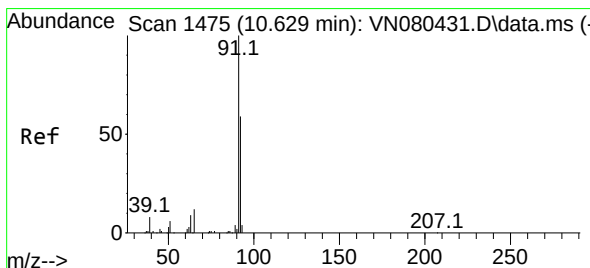
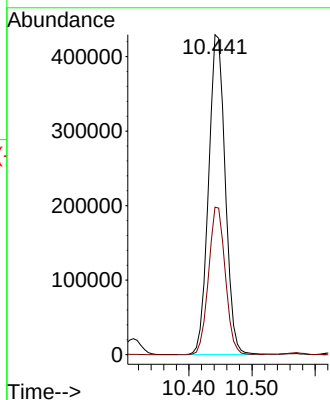
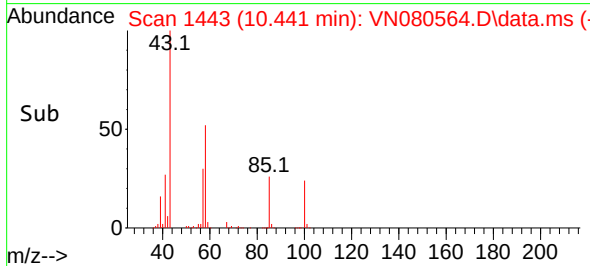
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 786240
Ion Ratio Lower Upper
43 100
58 46.4 36.6 54.8

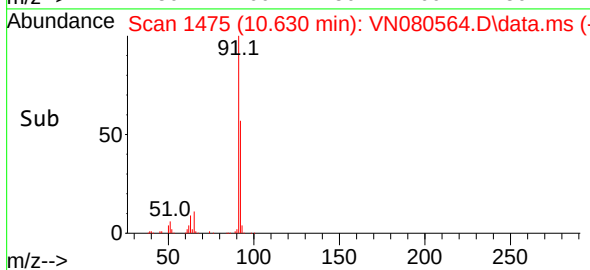
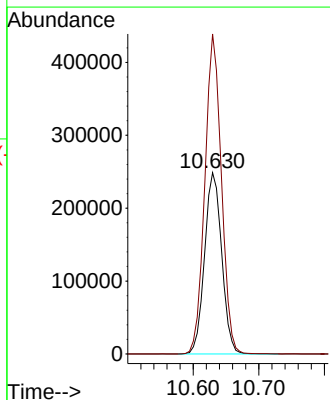
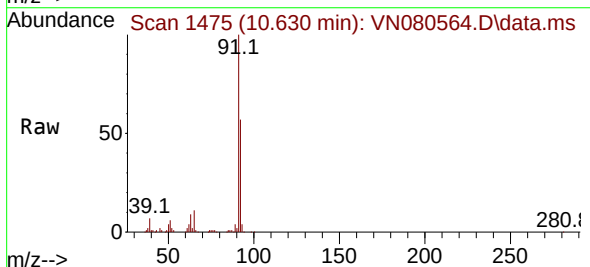
Manual Integrations
APPROVED

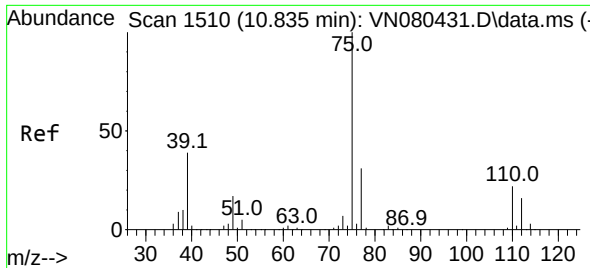
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#52
Toluene
Concen: 52.257 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

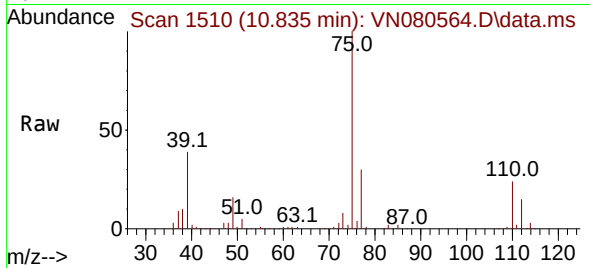
Tgt Ion: 92 Resp: 451460
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.653 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

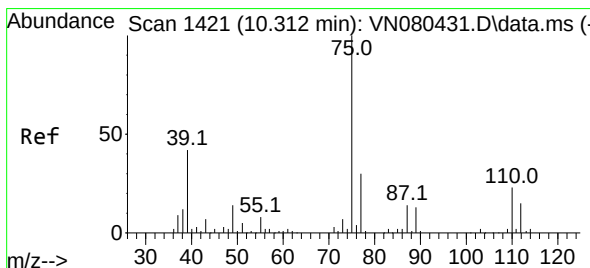
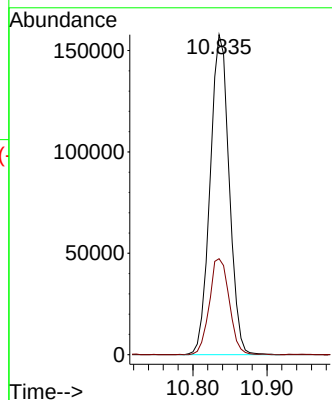
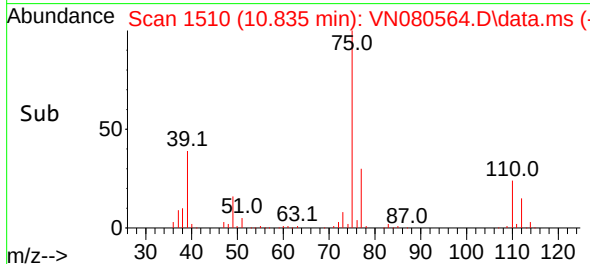
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 281620
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0

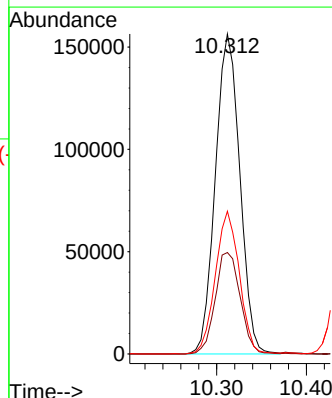
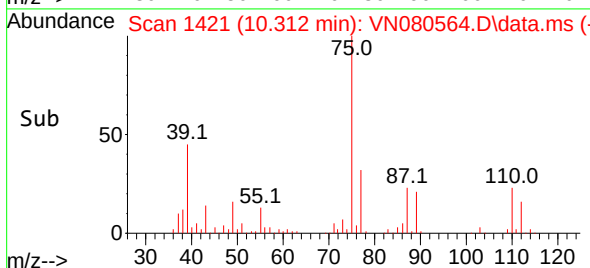
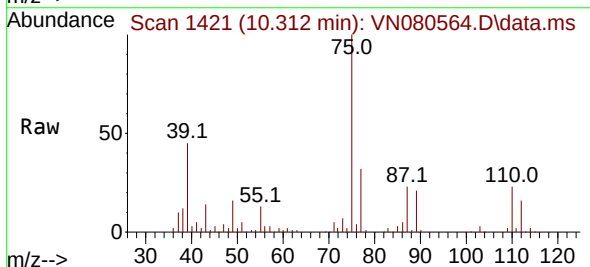
Manual Integrations
APPROVED

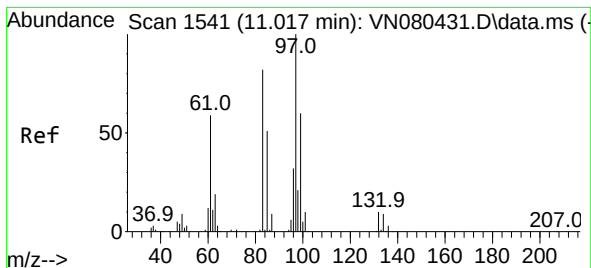
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#54
cis-1,3-Dichloropropene
Concen: 51.815 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

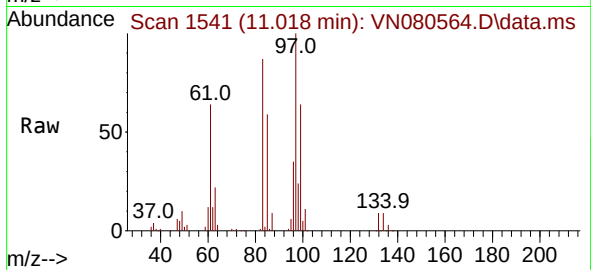
Tgt Ion: 75 Resp: 296220
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 44.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.669 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

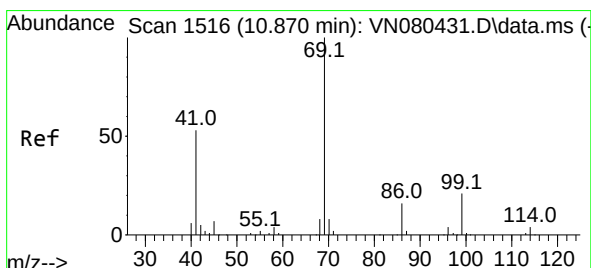
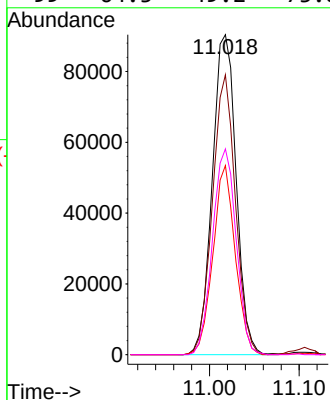
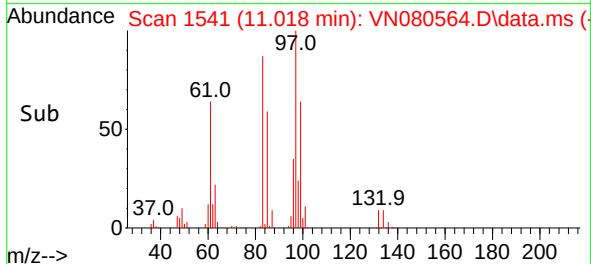
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



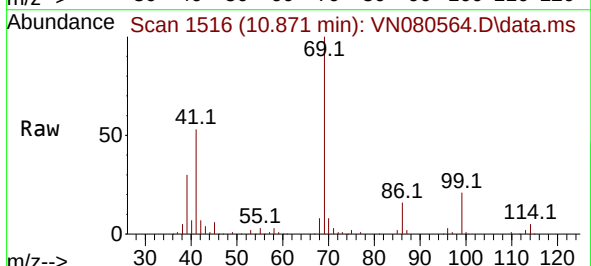
Tgt Ion: 97 Resp: 166835
Ion Ratio Lower Upper
97 100
83 87.4 65.1 97.7
85 59.1 43.4 65.2
99 64.3 49.2 73.8

Manual Integrations
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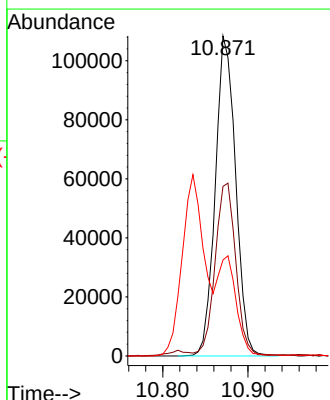
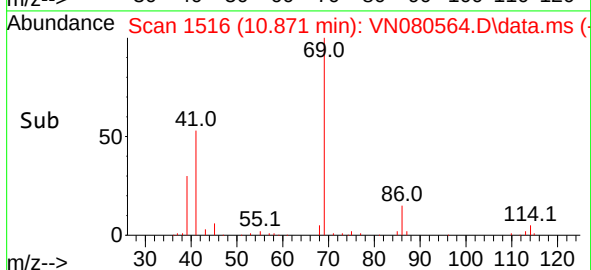
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

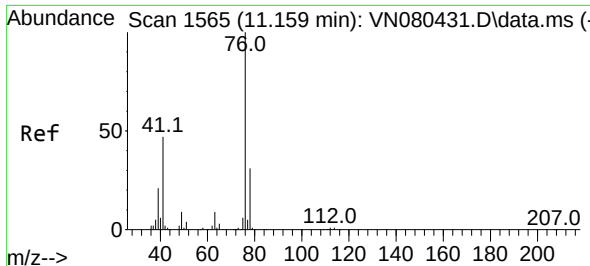


#56
Ethyl methacrylate
Concen: 52.332 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



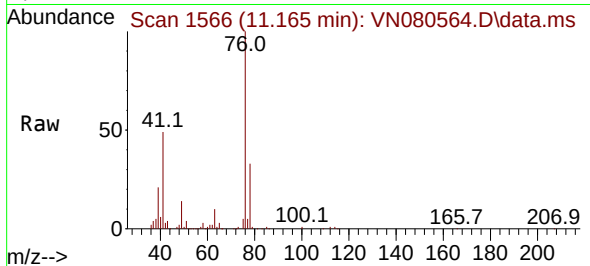
Tgt Ion: 69 Resp: 180106
Ion Ratio Lower Upper
69 100
41 54.6 39.6 59.4
39 28.2 28.6 43.0#





#57
1,3-Dichloropropane
Concen: 51.758 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

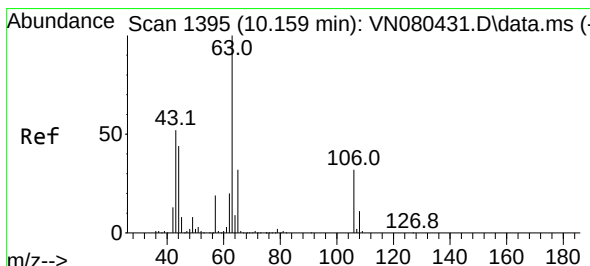
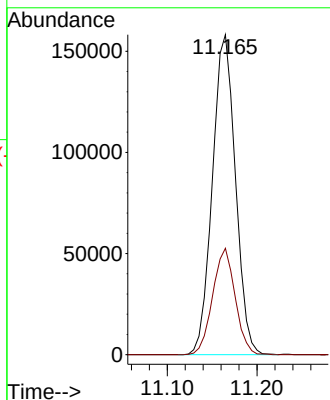
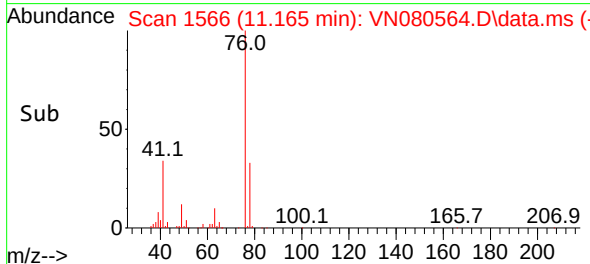
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 282049
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

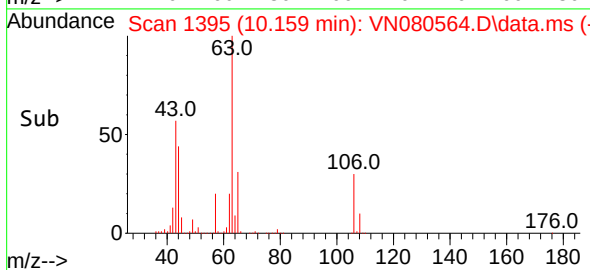
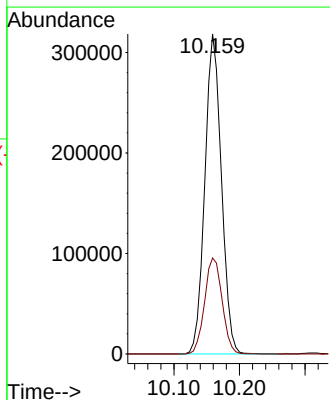
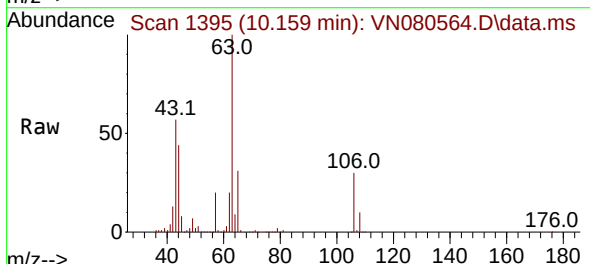
Manual Integrations
APPROVED

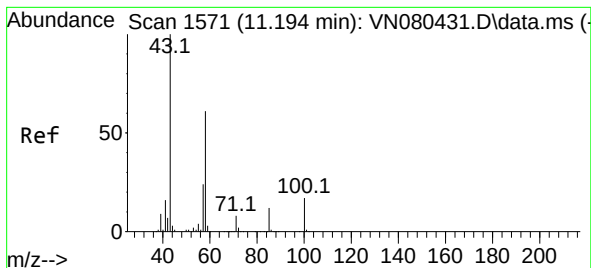
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 257.435 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

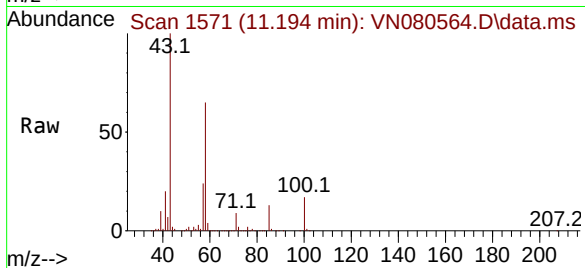
Tgt Ion: 63 Resp: 559330
Ion Ratio Lower Upper
63 100
106 31.7 26.2 39.4





#59
2-Hexanone
Concen: 256.616 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

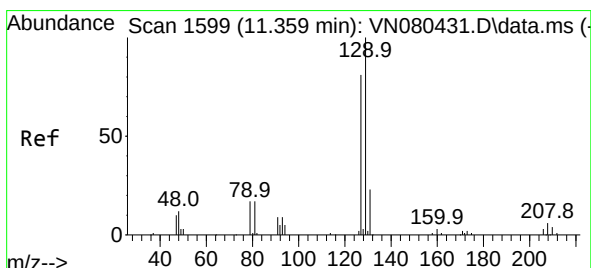
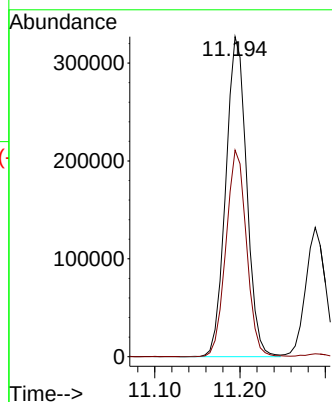
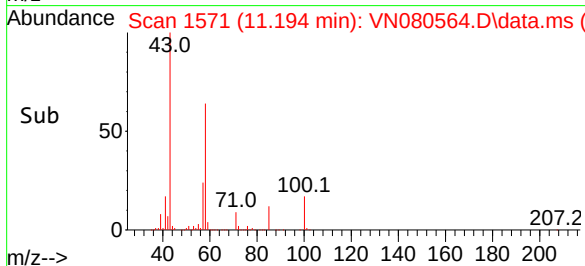
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 55634
Ion Ratio Lower Upper
43 100
58 63.4 31.7 95.1

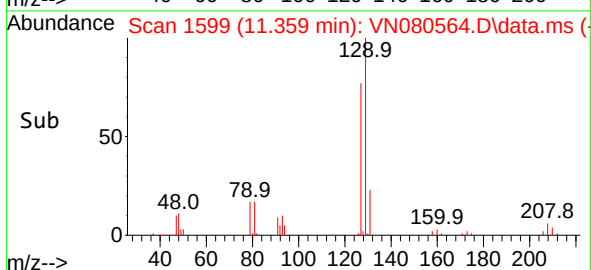
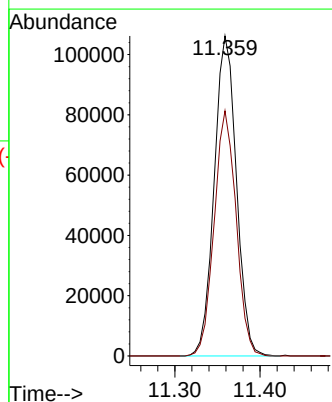
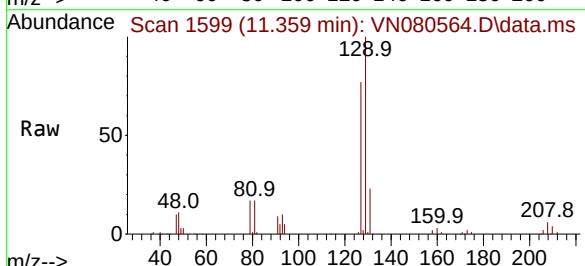
Manual Integrations
APPROVED

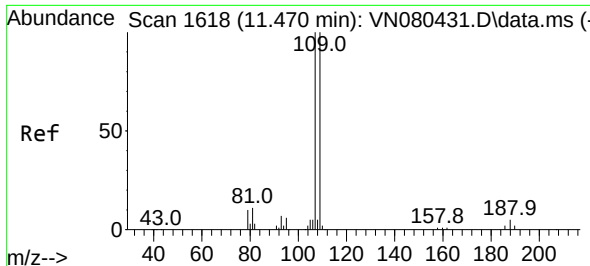
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#60
Dibromochloromethane
Concen: 52.234 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

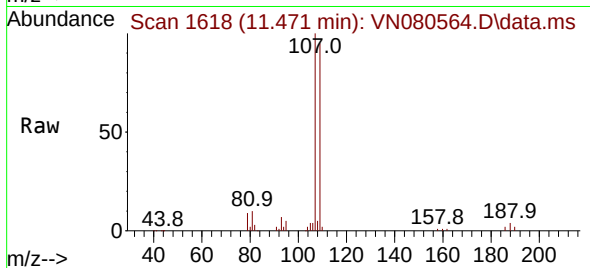
Tgt Ion:129 Resp: 192406
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.412 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

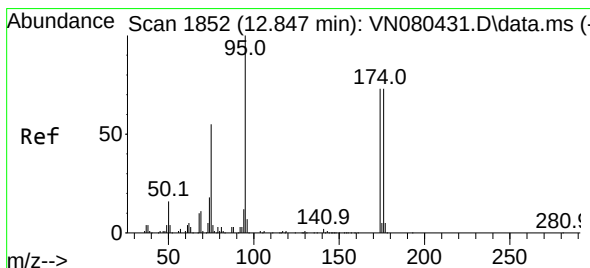
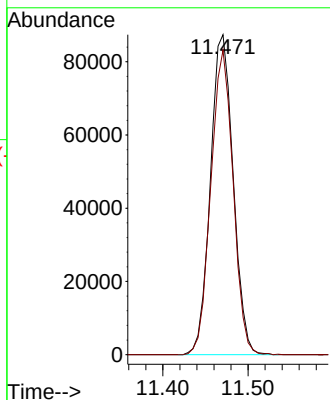
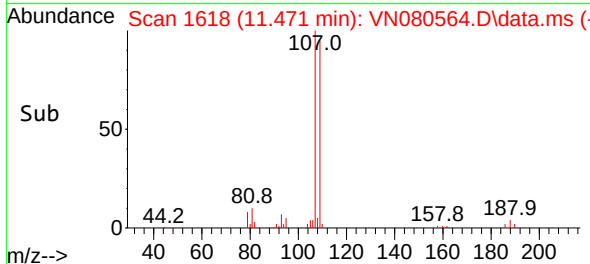
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



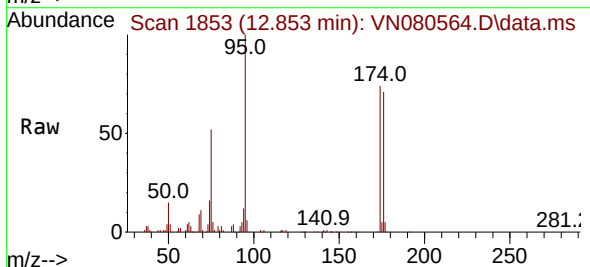
Tgt Ion:107 Resp: 162190
Ion Ratio Lower Upper
107 100
109 93.0 76.6 114.8

Manual Integrations
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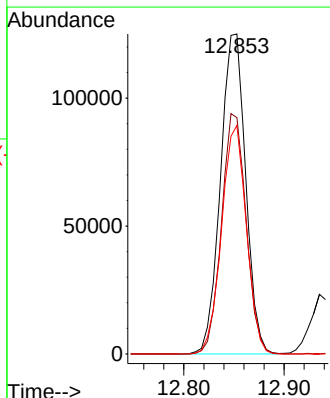
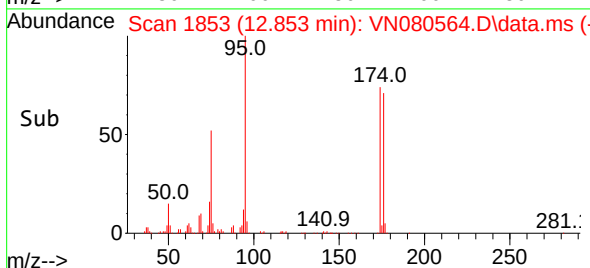
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

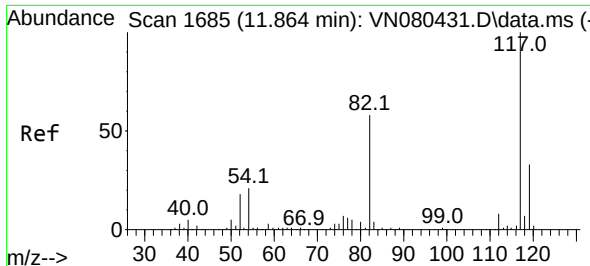


#62
4-Bromofluorobenzene
Concen: 53.167 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



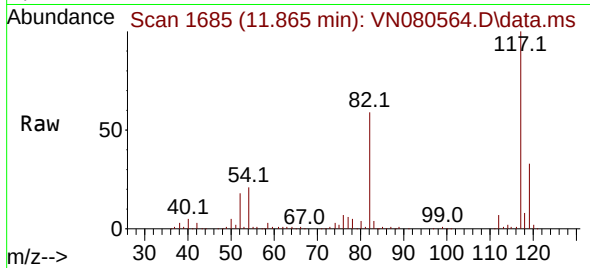
Tgt Ion: 95 Resp: 218082
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 70.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

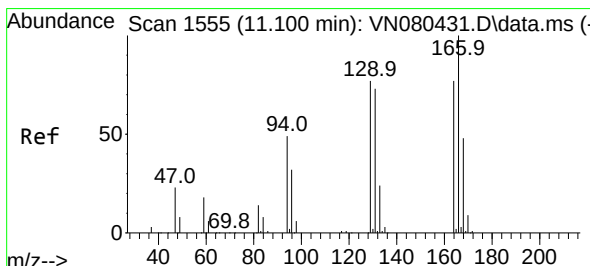
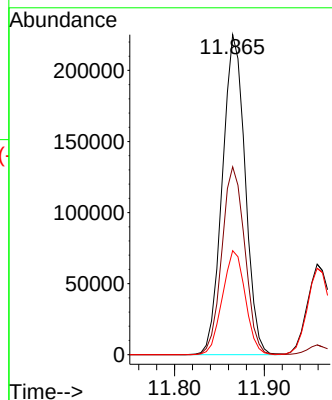
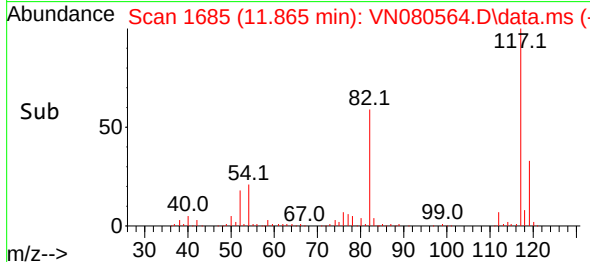
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 396518
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.5 25.6 38.4

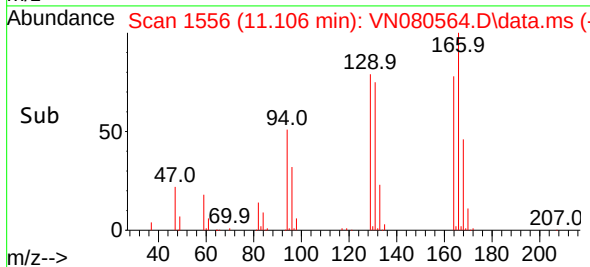
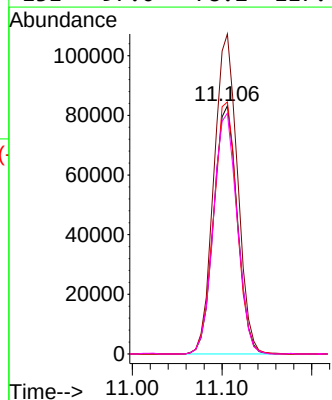
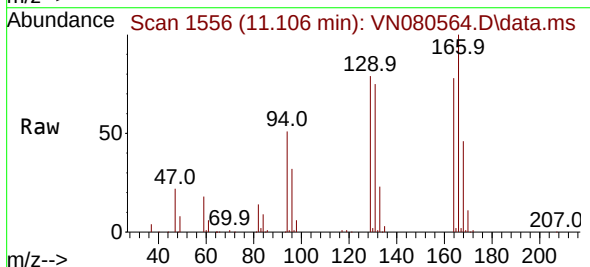
Manual Integrations
APPROVED

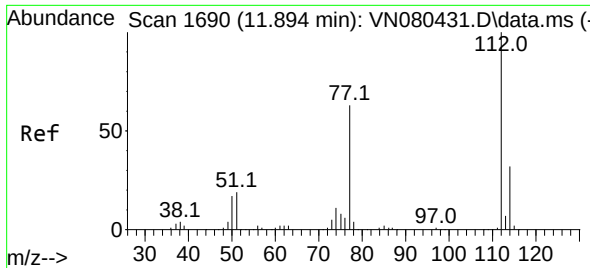
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#64
Tetrachloroethene
Concen: 49.526 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion:164 Resp: 151622
Ion Ratio Lower Upper
164 100
166 128.9 101.4 152.0
129 101.6 82.4 123.6
131 97.0 78.2 117.4





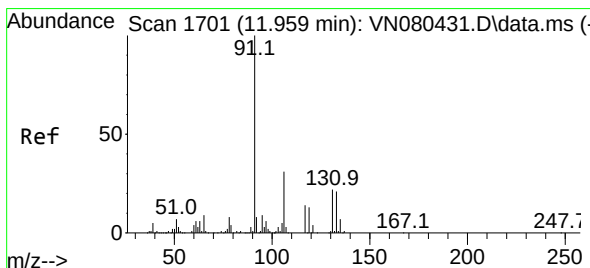
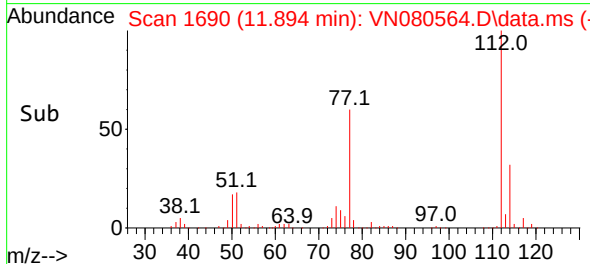
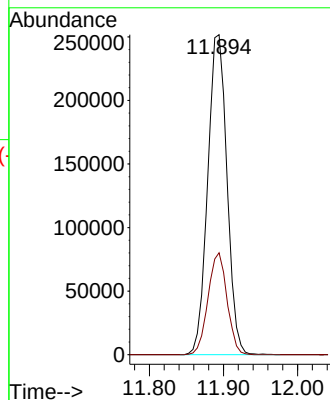
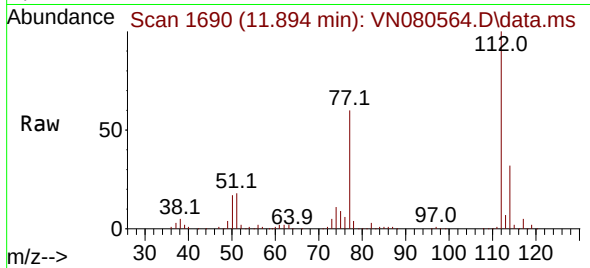
#65
Chlorobenzene
Concen: 51.482 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 454108
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

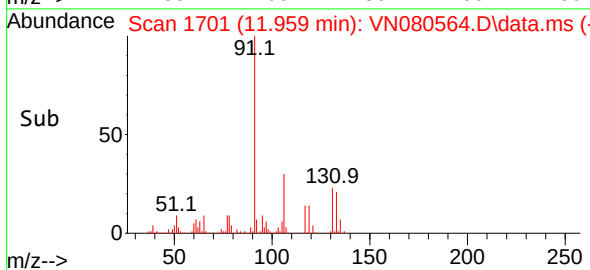
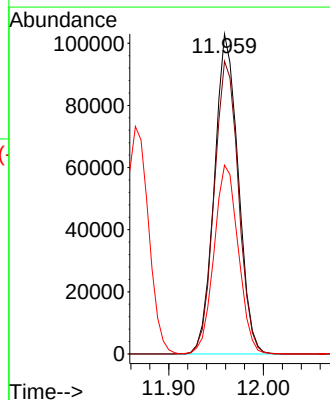
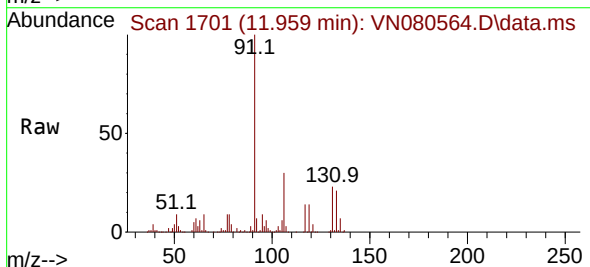
Manual Integrations
APPROVED

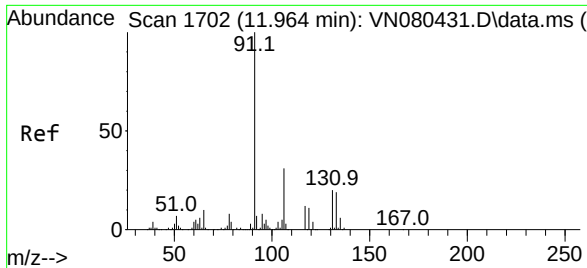
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.095 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion:131 Resp: 180305
Ion Ratio Lower Upper
131 100
133 93.3 46.4 139.1
119 60.2 34.1 102.2





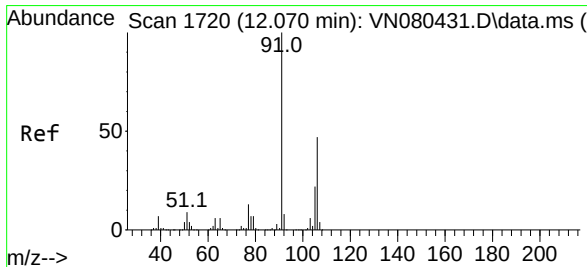
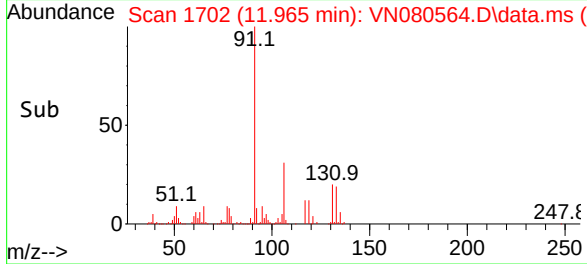
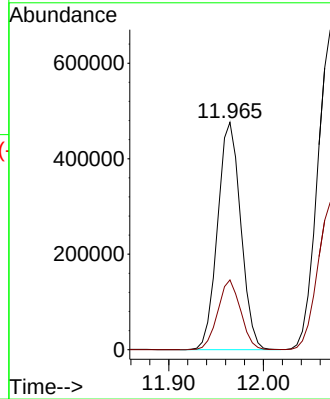
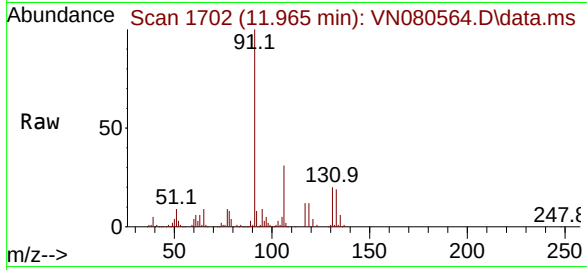
#67
Ethyl Benzene
Concen: 50.000 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 810940
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

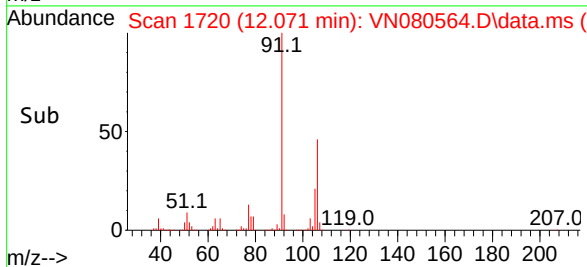
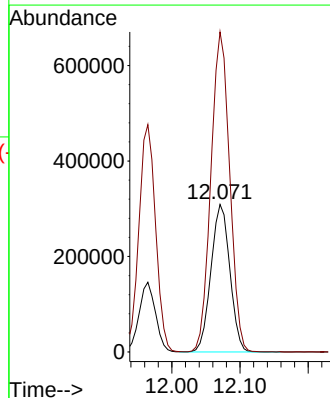
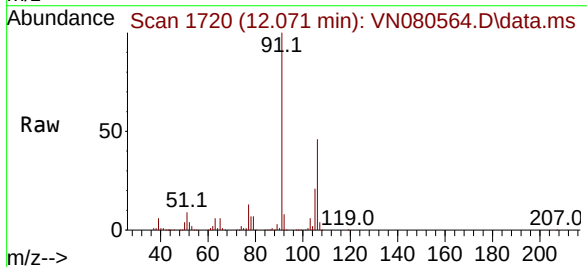
Manual Integrations
APPROVED

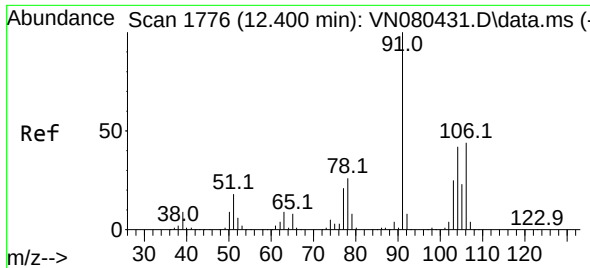
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#68
m/p-Xylenes
Concen: 99.372 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion:106 Resp: 595561
Ion Ratio Lower Upper
106 100
91 216.0 159.6 239.4





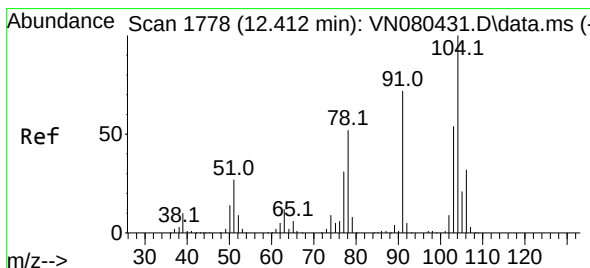
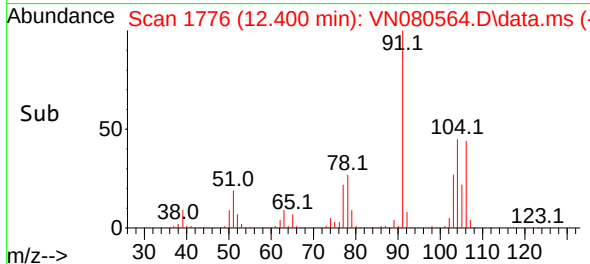
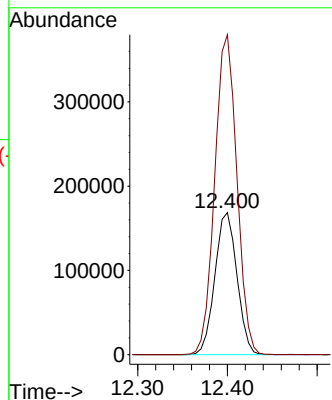
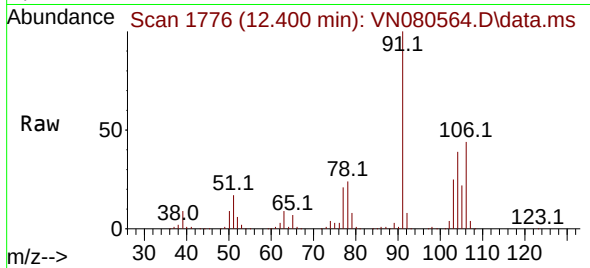
#69
o-Xylene
Concen: 49.171 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 28824
Ion Ratio Lower Upper
106 100
91 225.8 105.2 315.5

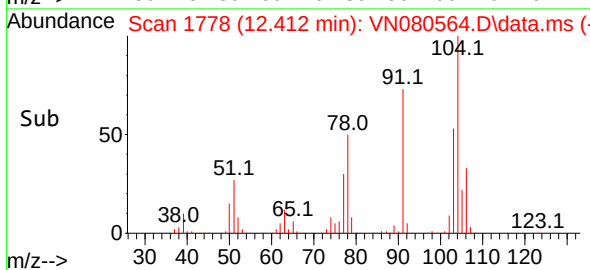
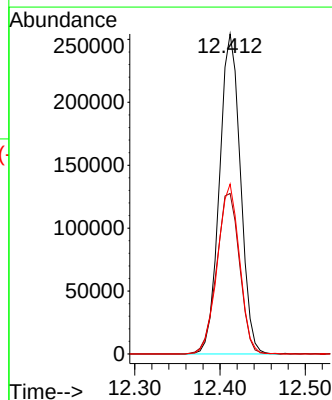
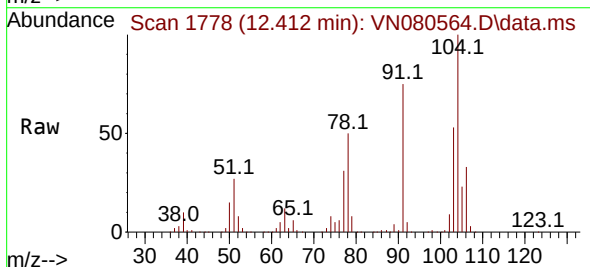
Manual Integrations
APPROVED

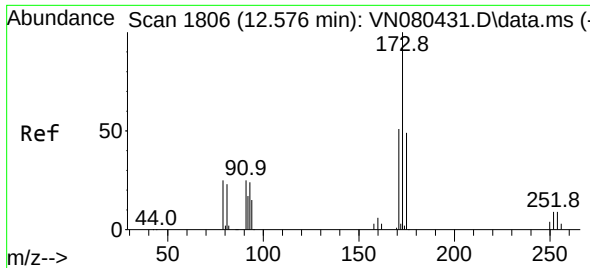
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#70
Styrene
Concen: 51.612 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

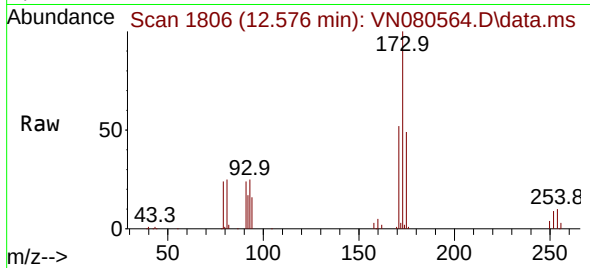
Tgt Ion:104 Resp: 435810
Ion Ratio Lower Upper
104 100
78 55.0 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 50.393 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

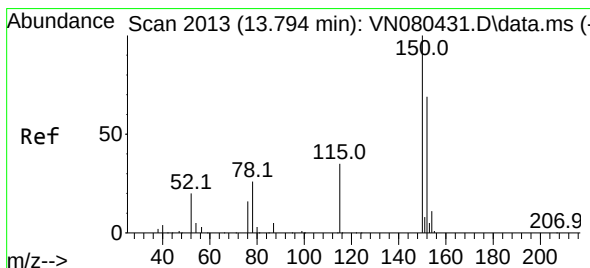
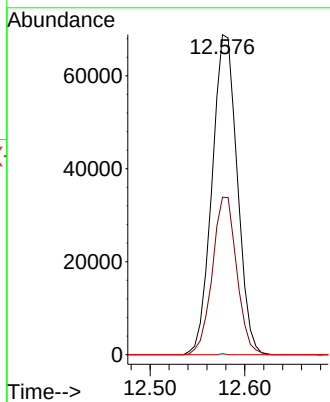
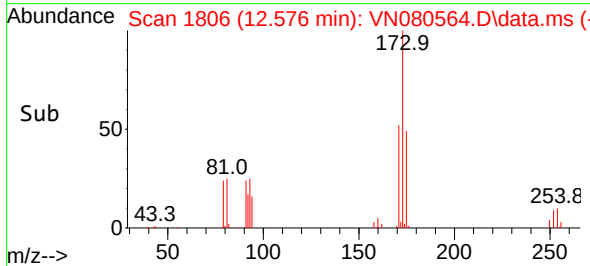
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



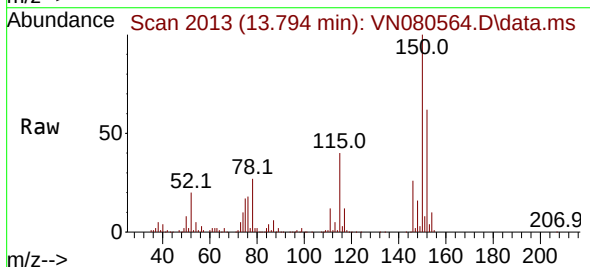
Tgt Ion:173 Resp: 127190
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

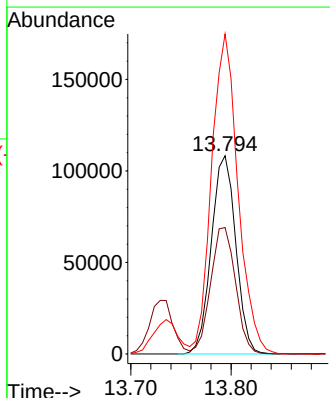
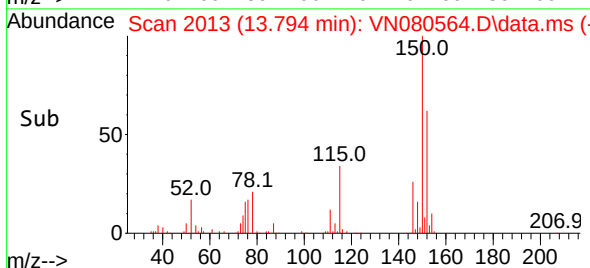
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

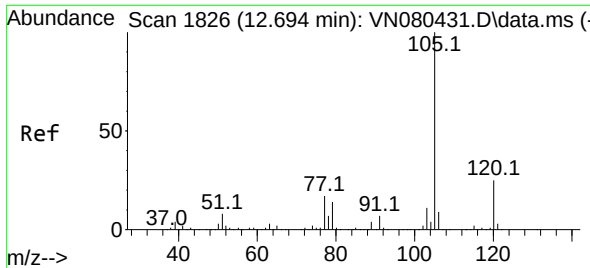


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



Tgt Ion:152 Resp: 183818
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 173.9 0.0 355.8





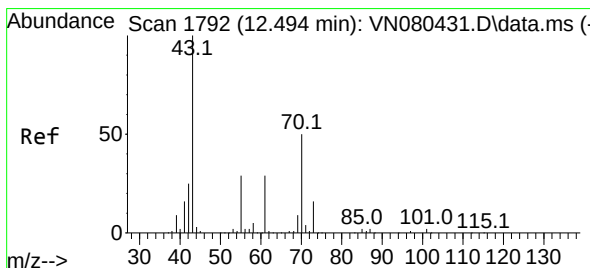
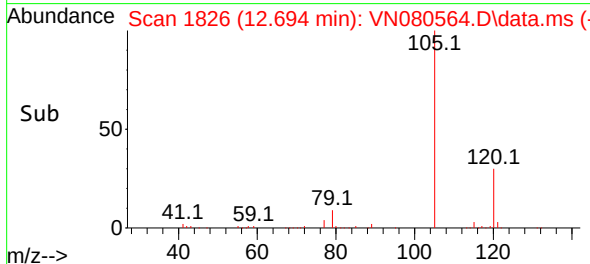
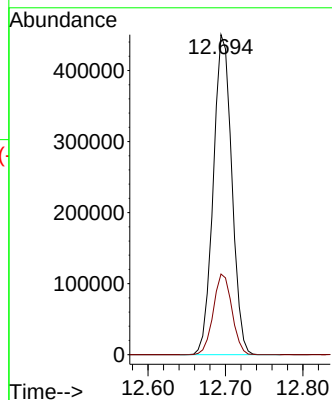
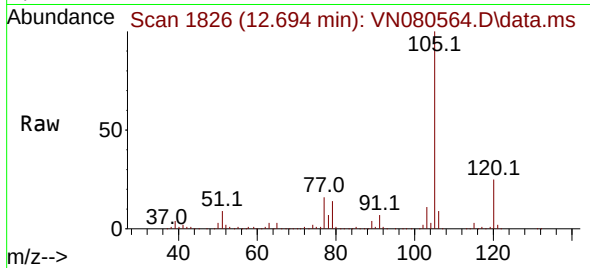
#73
Isopropylbenzene
Concen: 50.553 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 746480
Ion Ratio Lower Upper
105 100
120 25.3 13.1 39.1

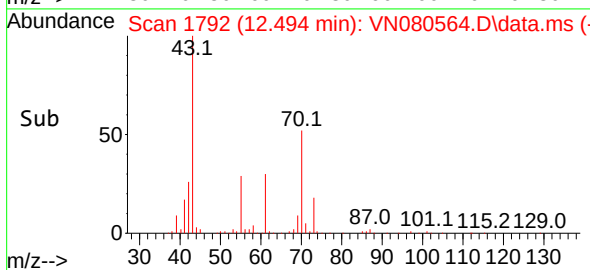
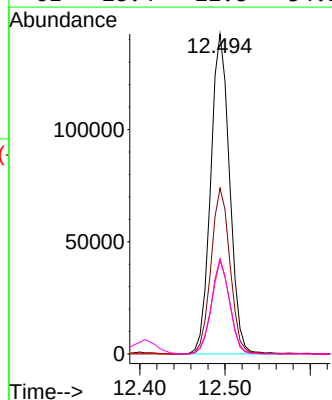
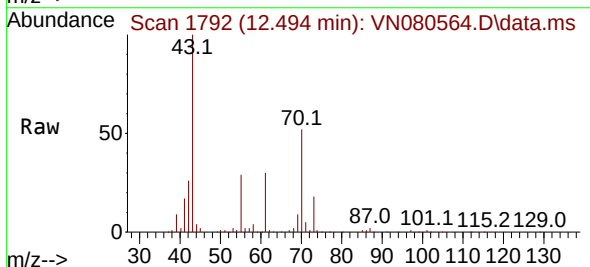
Manual Integrations
APPROVED

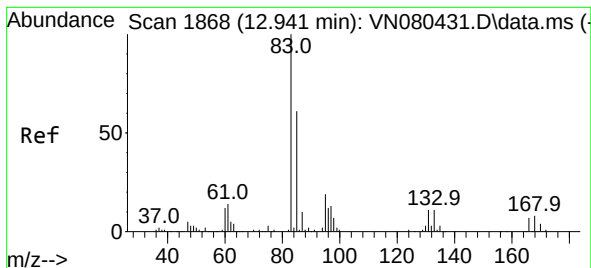
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#74
N-ethyl acetate
Concen: 51.059 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion: 43 Resp: 220173
Ion Ratio Lower Upper
43 100
70 51.8 43.4 65.2
55 28.4 21.4 32.0
61 28.4 22.8 34.2





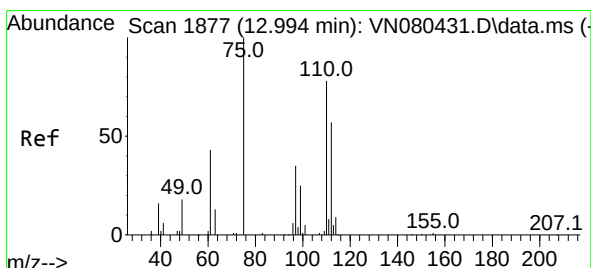
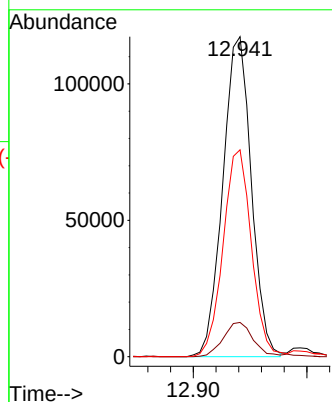
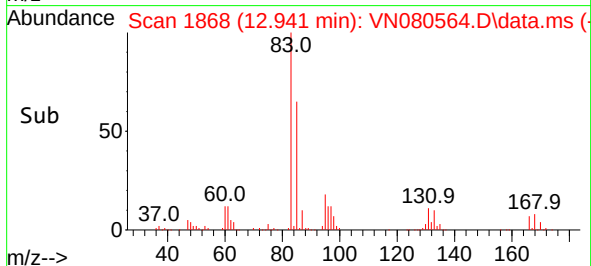
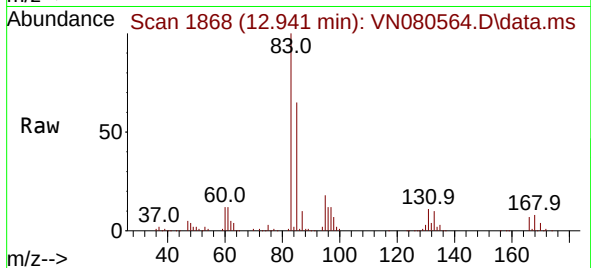
#75
1,1,2,2-Tetrachloroethane
Concen: 51.713 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 204629
Ion Ratio Lower Upper
83 100
131 11.6 5.0 15.0
85 64.2 31.9 95.7

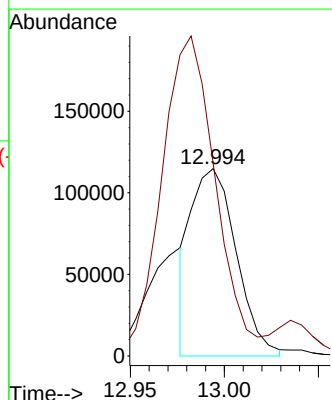
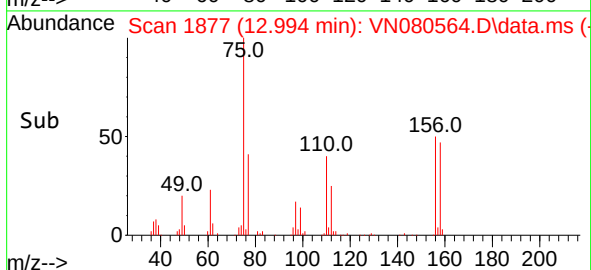
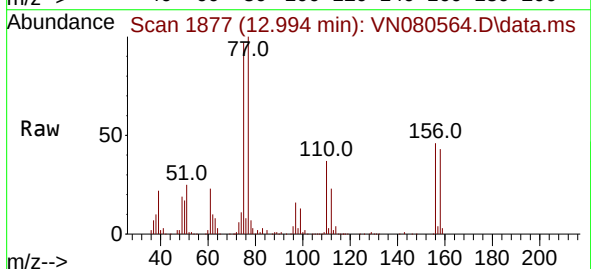
Manual Integrations
APPROVED

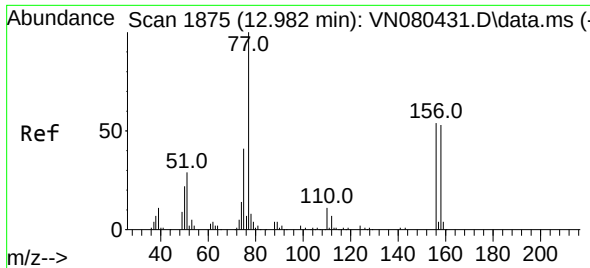
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#76
1,2,3-Trichloropropane
Concen: 52.147 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion: 75 Resp: 191227
Ion Ratio Lower Upper
75 100
77 204.3 84.5 253.5





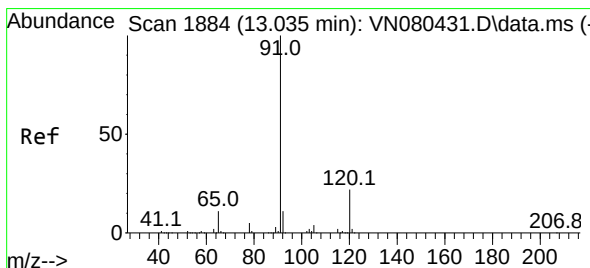
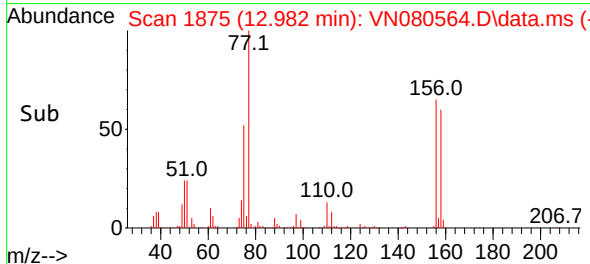
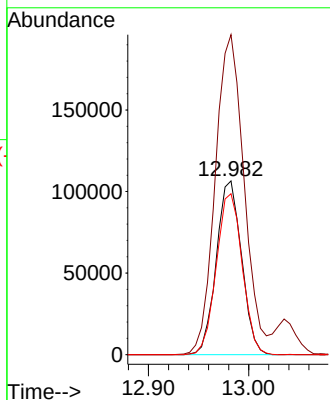
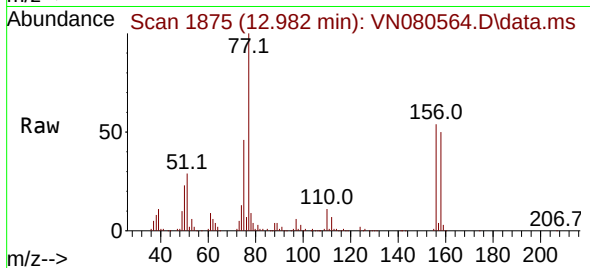
#77
Bromobenzene
Concen: 51.265 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 186225
Ion Ratio Lower Upper
156 100
77 209.8 107.7 323.3
158 95.0 48.4 145.3

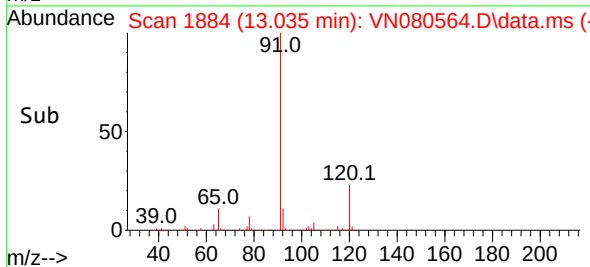
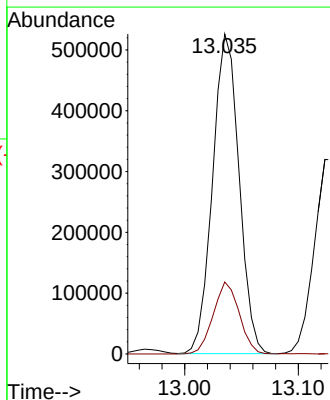
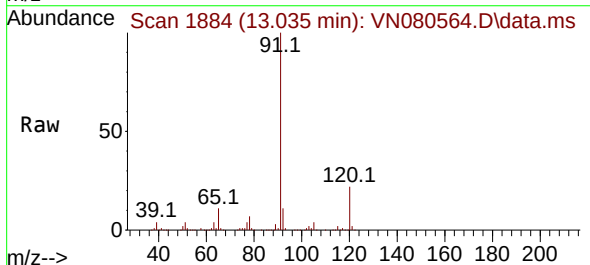
Manual Integrations
APPROVED

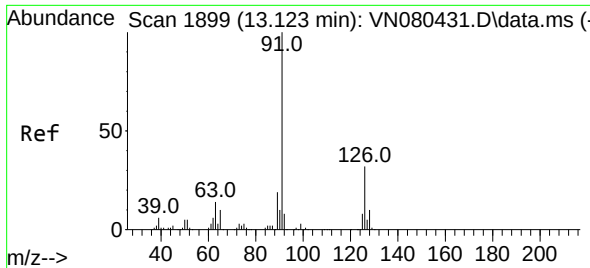
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#78
n-propylbenzene
Concen: 52.253 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion: 91 Resp: 850742
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





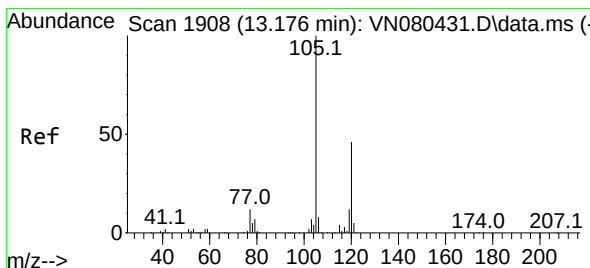
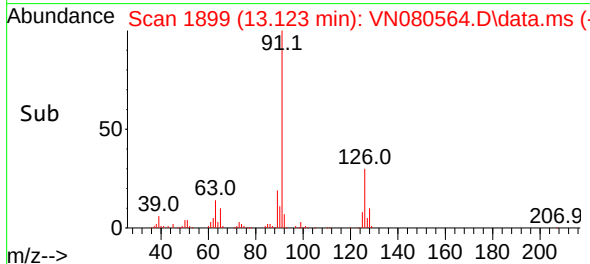
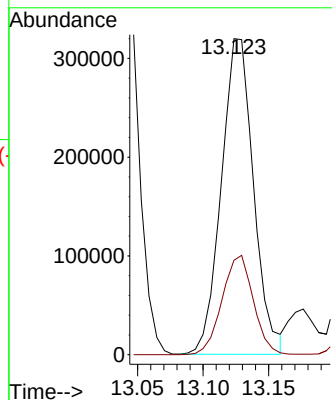
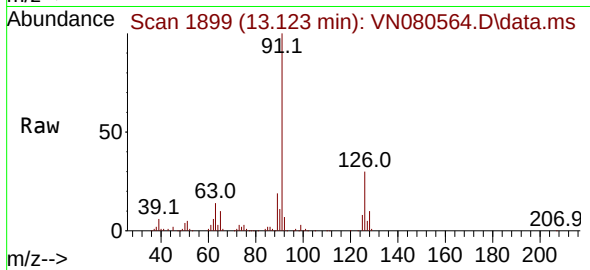
#79
2-Chlorotoluene
Concen: 51.464 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 54702
Ion Ratio Lower Upper
91 100
126 30.6 16.3 48.8

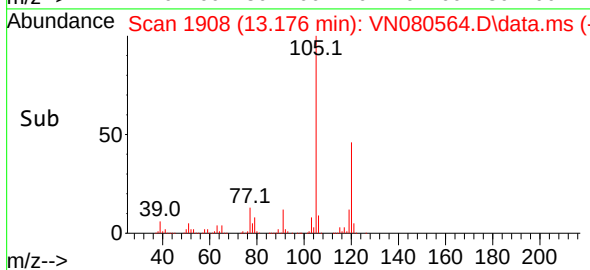
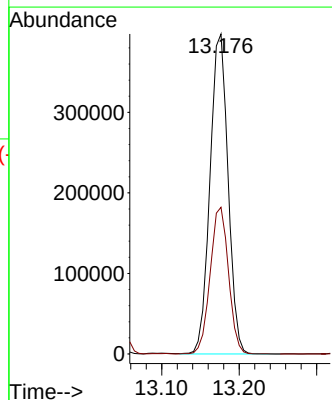
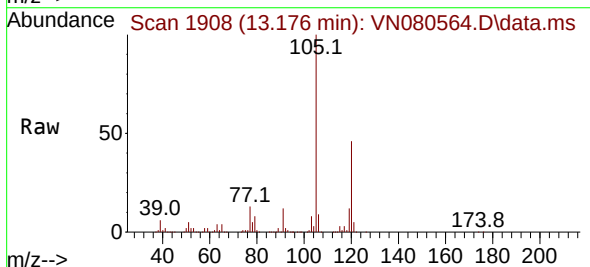
Manual Integrations
APPROVED

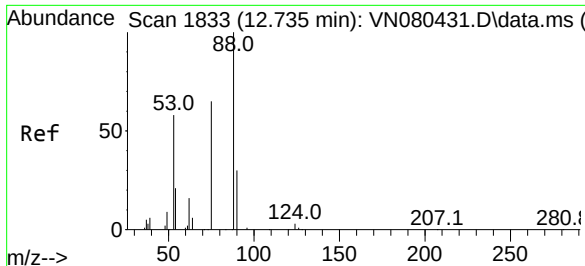
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.546 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

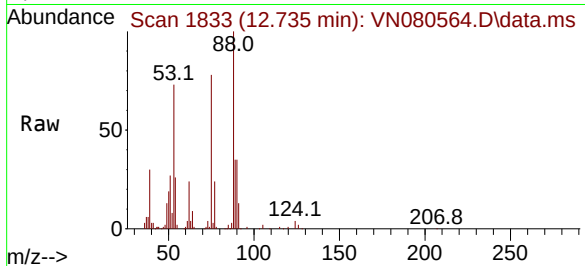
Tgt Ion:105 Resp: 642830
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.905 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

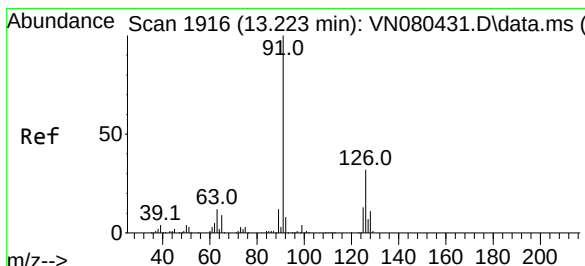
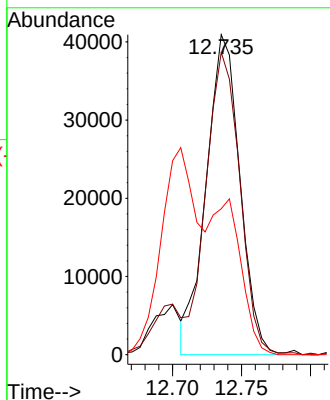
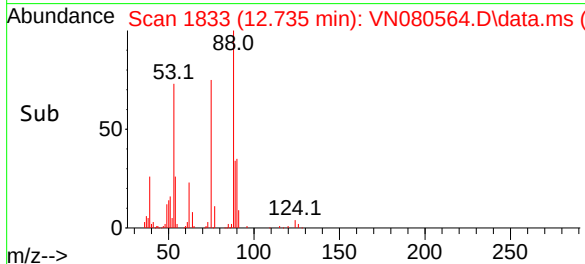
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



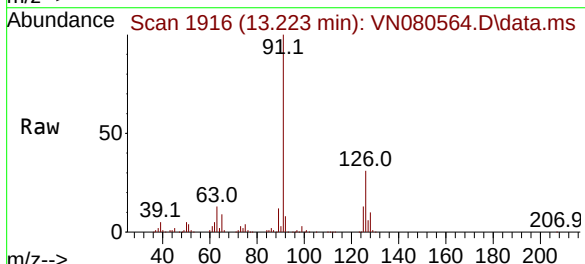
Tgt Ion: 75 Resp: 6970
Ion Ratio Lower Upper
75 100
53 95.0 67.4 101.2
89 0.0 38.8 58.2

Manual Integrations
APPROVED

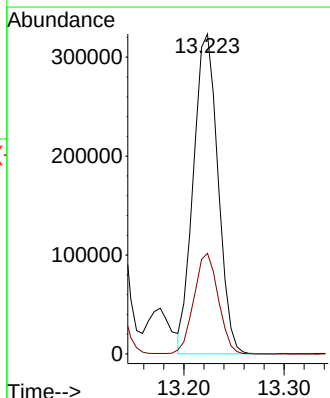
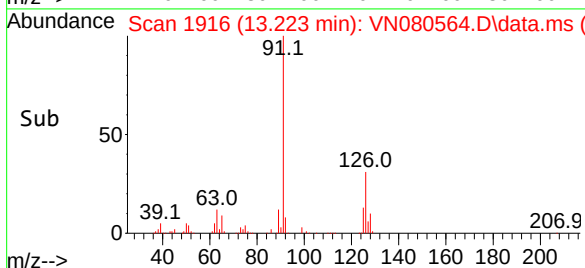
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

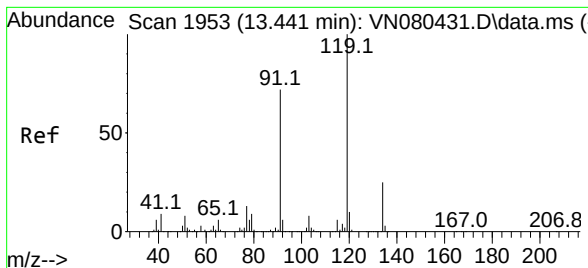


#82
4-Chlorotoluene
Concen: 50.374 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



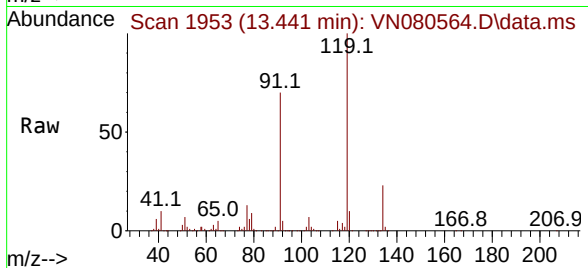
Tgt Ion: 91 Resp: 550354
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.945 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

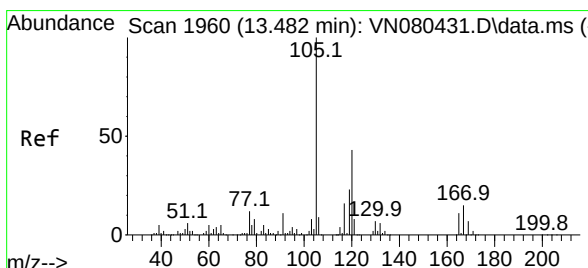
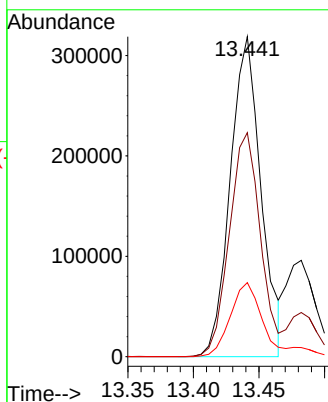
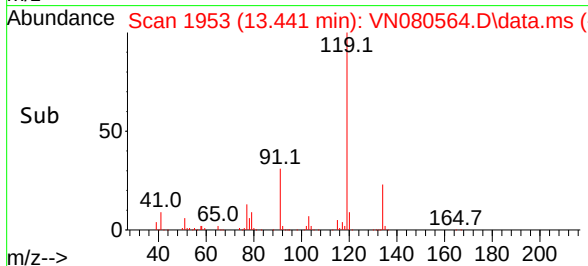
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



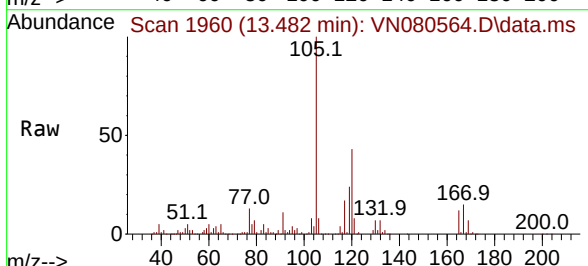
Tgt Ion:119 Resp: 520197
Ion Ratio Lower Upper
119 100
91 70.5 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
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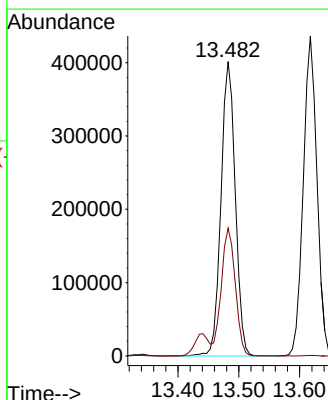
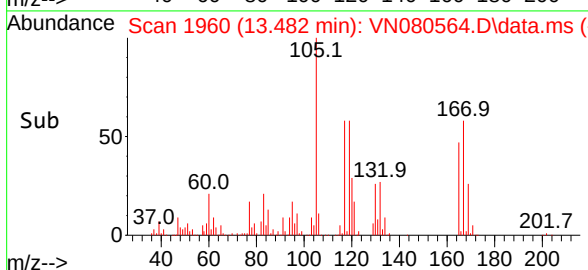
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023

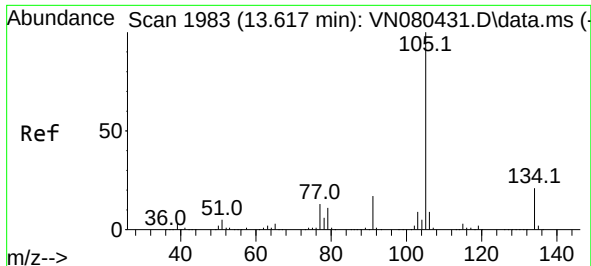


#84
1,2,4-Trimethylbenzene
Concen: 51.645 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51



Tgt Ion:105 Resp: 653408
Ion Ratio Lower Upper
105 100
120 43.0 22.0 66.0





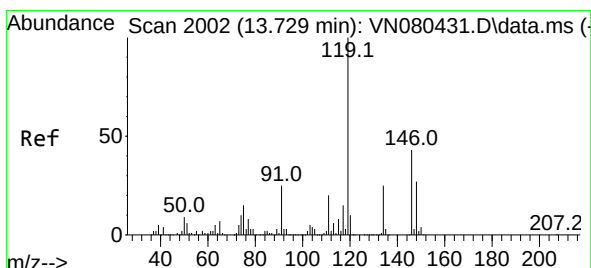
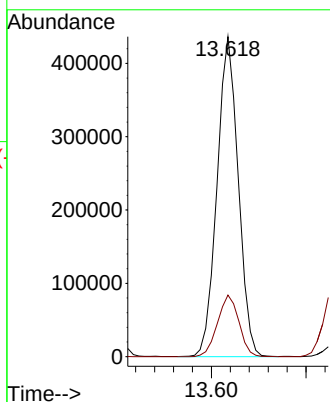
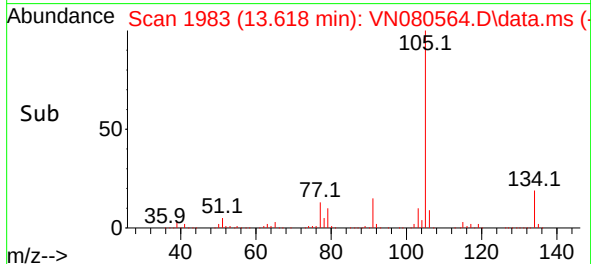
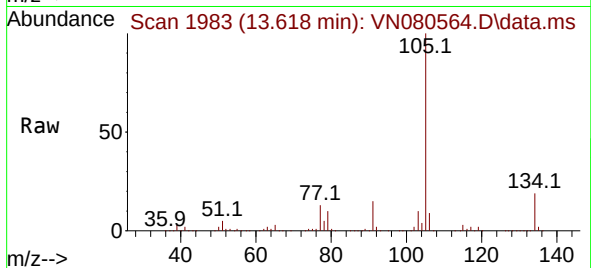
#85
 sec-Butylbenzene
 Concen: 51.010 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 67962
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

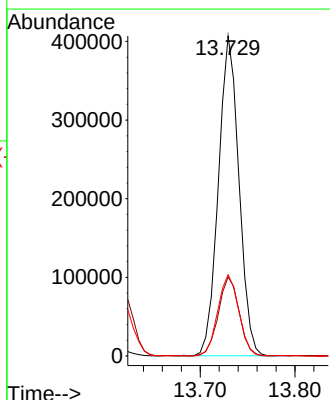
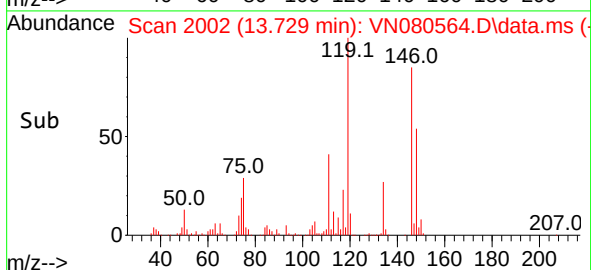
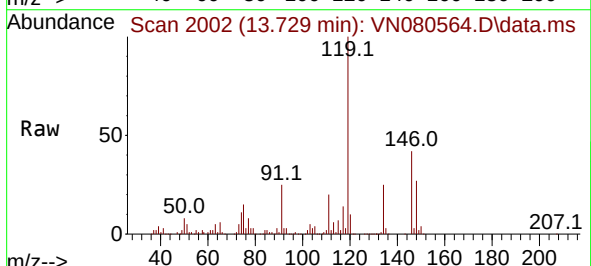
Manual Integrations
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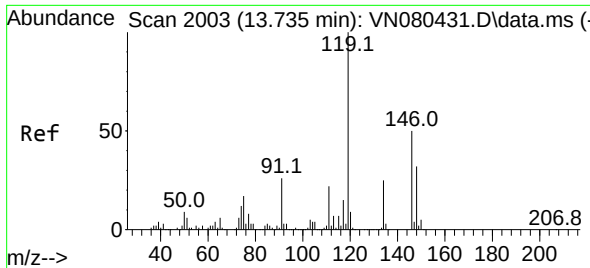
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023



#86
 p-Isopropyltoluene
 Concen: 50.966 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

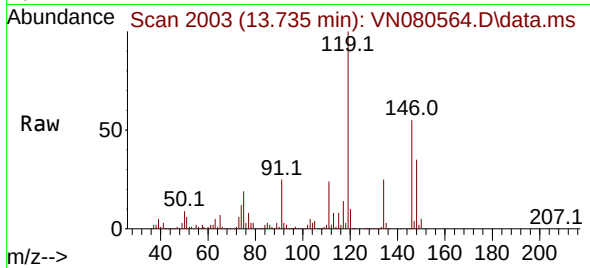
Tgt Ion:119 Resp: 613124
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 25.9 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 49.597 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51

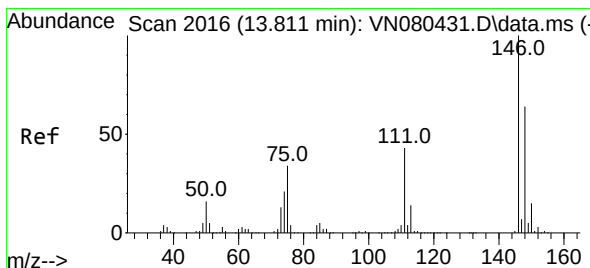
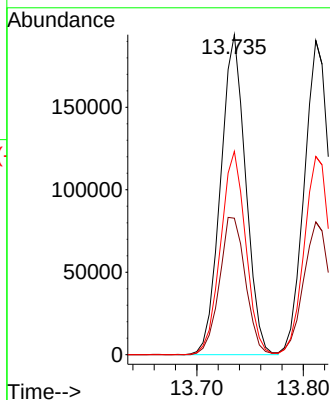
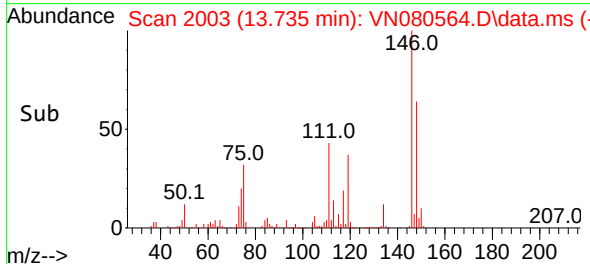
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



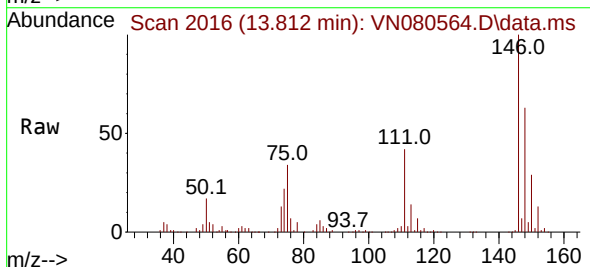
Tgt Ion:146 Resp: 31743
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.1 66.3
 148 63.5 32.0 96.0

Manual Integrations
 APPROVED

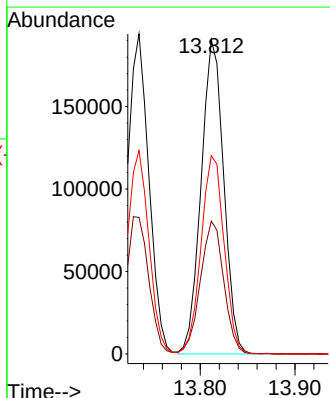
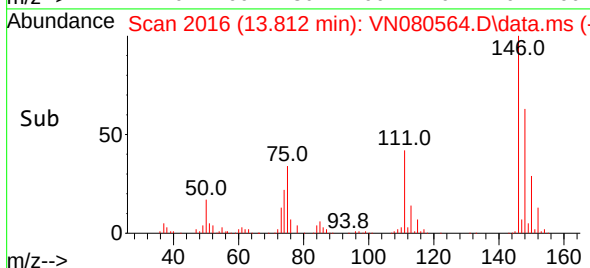
Reviewed By :John Carlone 12/22/2023
 Supervised By :Mahesh Dadoda 12/22/2023

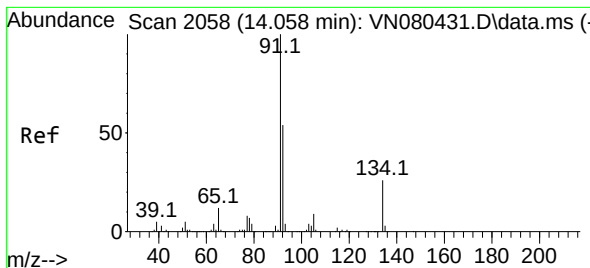


#88
 1,4-Dichlorobenzene
 Concen: 49.021 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN080564.D
 Acq: 21 Dec 2023 10:51



Tgt Ion:146 Resp: 316701
 Ion Ratio Lower Upper
 146 100
 111 43.8 20.6 61.8
 148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 50.860 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

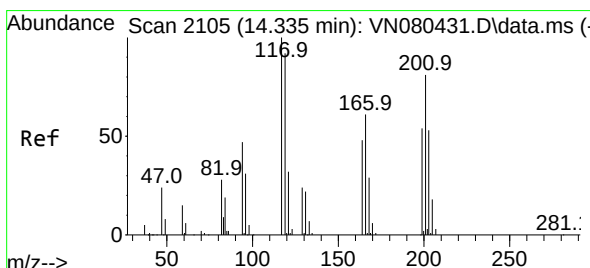
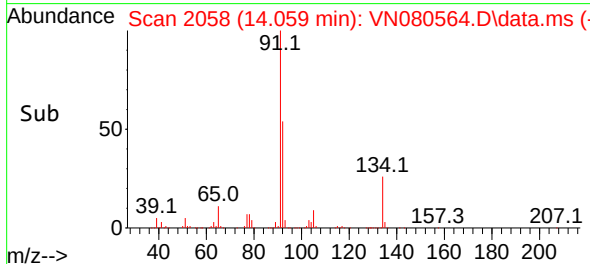
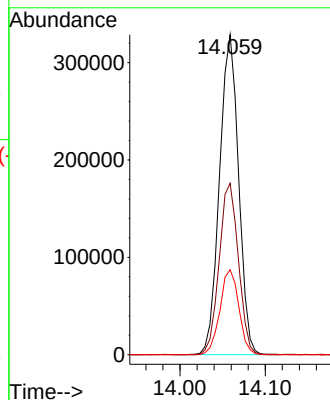
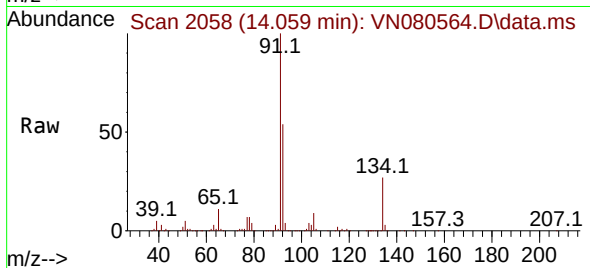
Tgt Ion: 91	Resp: 51095
Ion Ratio	Lower Upper
91	100
92	53.9 26.4 79.0
134	26.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2023

Supervised By :Mahesh Dadoda 12/22/2023



#90

Hexachloroethane

Concen: 49.062 ug/l

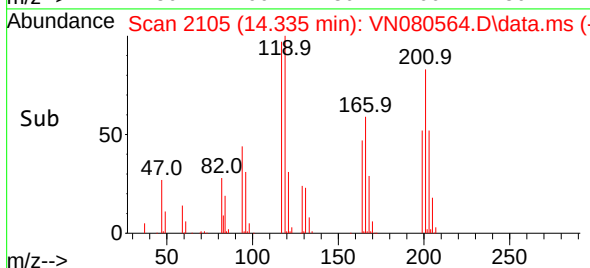
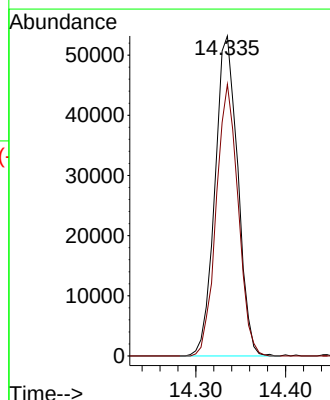
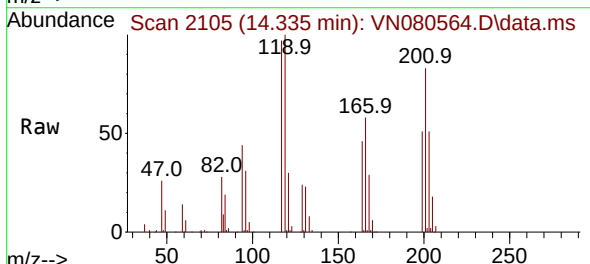
RT: 14.335 min Scan# 2105

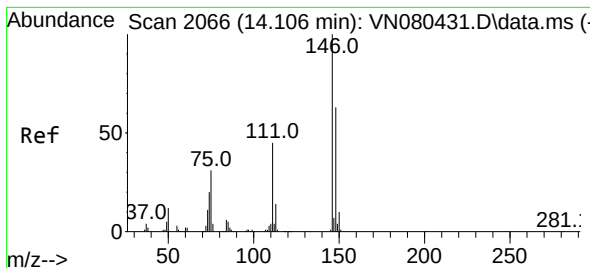
Delta R.T. 0.000 min

Lab File: VN080564.D

Acq: 21 Dec 2023 10:51

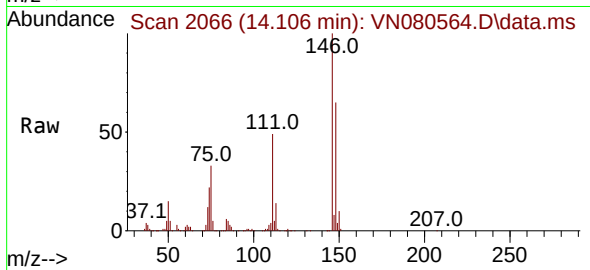
Tgt Ion: 117	Resp: 93735
Ion Ratio	Lower Upper
117	100
201	81.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 50.514 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

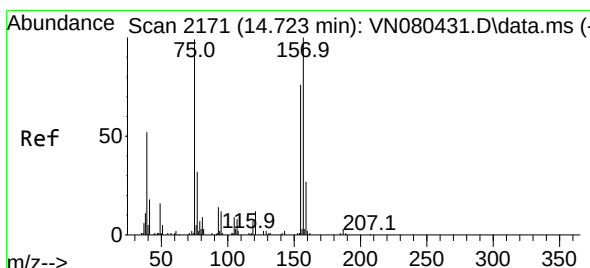
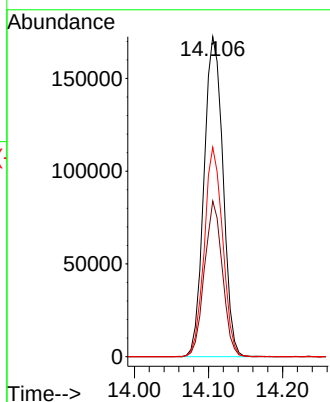
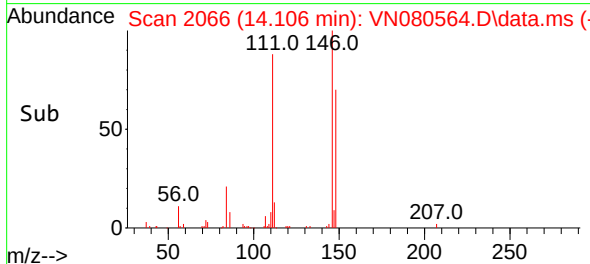
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 306994
Ion Ratio Lower Upper
146 100
111 46.1 22.0 66.0
148 63.3 31.8 95.3

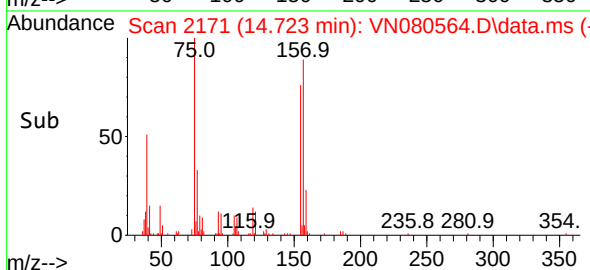
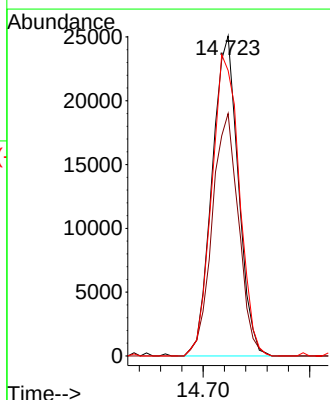
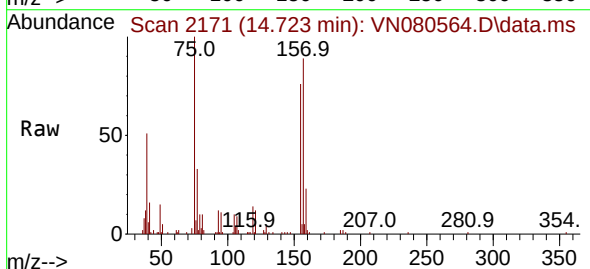
Manual Integrations
APPROVED

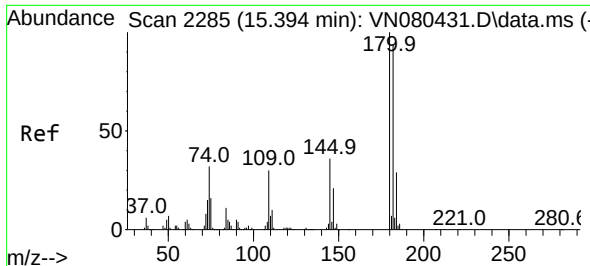
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.450 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

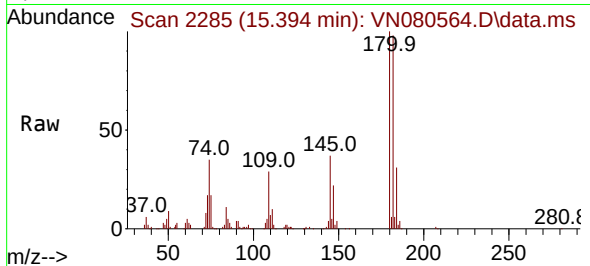
Tgt Ion: 75 Resp: 42822
Ion Ratio Lower Upper
75 100
155 76.2 39.1 117.2
157 99.2 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 50.651 ug/l
RT: 15.394 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

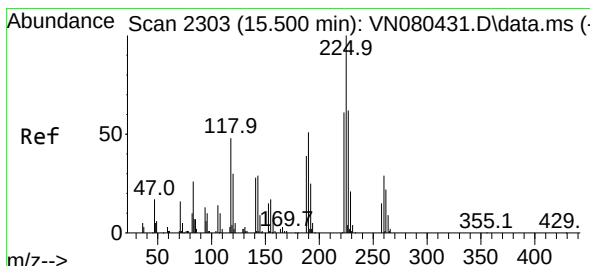
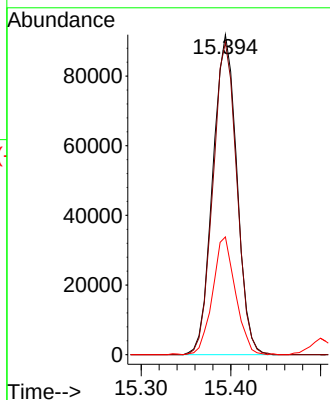
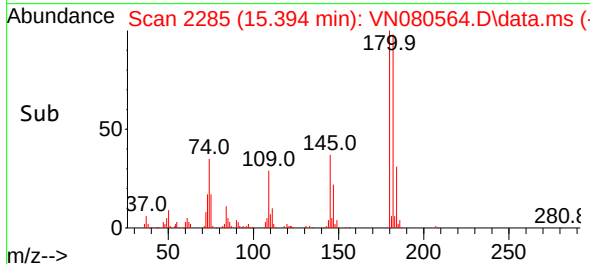
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 17091
Ion Ratio Lower Upper
180 100
182 96.7 46.1 138.2
145 35.1 16.6 49.8

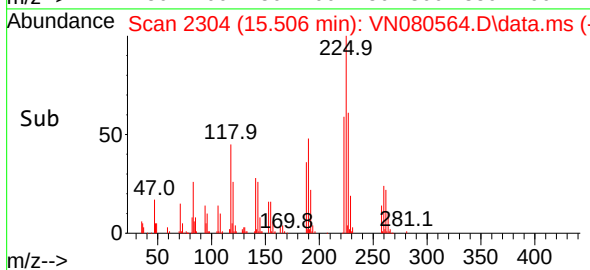
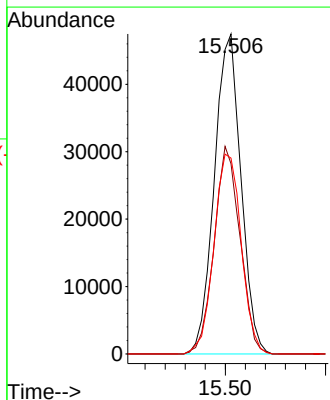
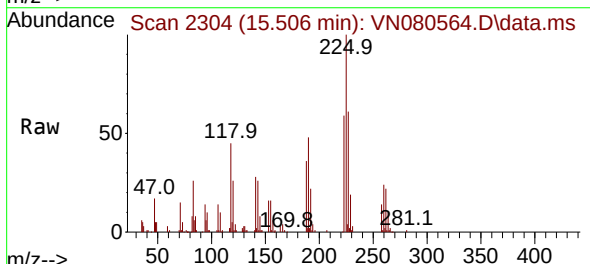
Manual Integrations
APPROVED

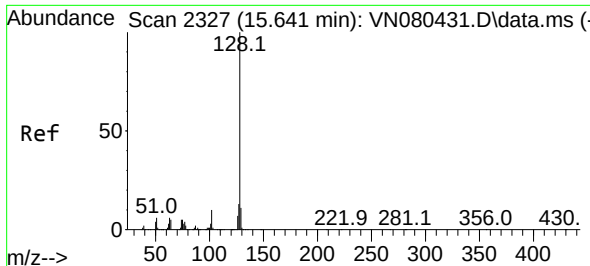
Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#94
Hexachlorobutadiene
Concen: 45.400 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

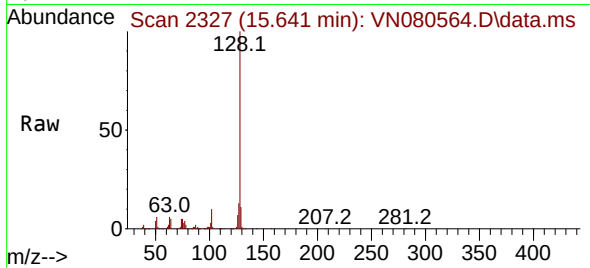
Tgt Ion:225 Resp: 87213
Ion Ratio Lower Upper
225 100
223 63.1 31.3 93.8
227 64.0 31.9 95.9





#95
Naphthalene
Concen: 51.044 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

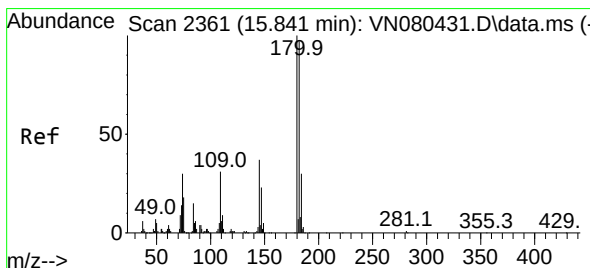
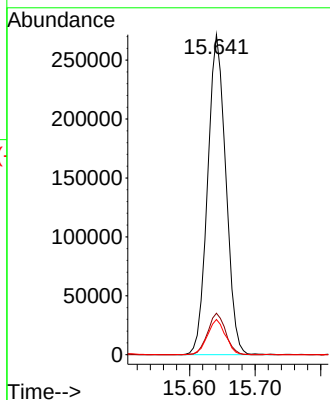
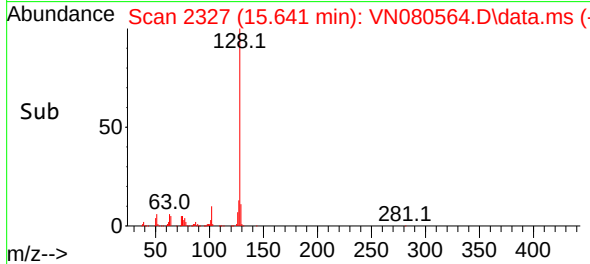
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 523020
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.850 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080564.D
Acq: 21 Dec 2023 10:51

Tgt Ion:180 Resp: 162320
Ion Ratio Lower Upper
180 100
182 96.1 46.2 138.6
145 36.2 17.5 52.6

