

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080475.D
 Acq On : 13 Dec 2023 20:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 14 04:13:22 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 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	265156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	422921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	193685	57.191	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.380%			
35) Dibromofluoromethane	8.165	113	149901	55.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.800%			
50) Toluene-d8	10.571	98	526516	52.649	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.853	95	194612	51.248	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	166628	49.175	ug/l	99
3) Chloromethane	2.365	50	146836	40.985	ug/l	96
4) Vinyl Chloride	2.518	62	128425	44.379	ug/l	99
5) Bromomethane	2.959	94	55612	42.625	ug/l	98
6) Chloroethane	3.124	64	84960	45.690	ug/l	99
7) Trichlorofluoromethane	3.500	101	288261	49.113	ug/l	97
8) Diethyl Ether	3.959	74	89398	48.357	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	132669	47.689	ug/l	95
10) Methyl Iodide	4.589	142	91568	37.421	ug/l #	86
11) Tert butyl alcohol	5.512	59	86837	217.716	ug/l	99
12) 1,1-Dichloroethene	4.336	96	129464	45.418	ug/l	90
13) Acrolein	4.177	56	95084	217.683	ug/l	97
14) Allyl chloride	5.018	41	158066	44.819	ug/l	95
15) Acrylonitrile	5.712	53	280453	248.853	ug/l	100
16) Acetone	4.418	43	223308	371.875	ug/l	96
17) Carbon Disulfide	4.712	76	349228	43.230	ug/l	99
18) Methyl Acetate	5.018	43	193356	50.042	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	481379	50.617	ug/l	96
20) Methylene Chloride	5.271	84	149755	46.600	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	144239	46.667	ug/l #	82
22) Diisopropyl ether	6.671	45	371450	48.799	ug/l	98
23) Vinyl Acetate	6.600	43	1053379	240.952	ug/l	95
24) 1,1-Dichloroethane	6.571	63	262505	49.429	ug/l	98
25) 2-Butanone	7.477	43	313706	271.185	ug/l	91
26) 2,2-Dichloropropane	7.488	77	243855	44.905	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	168963	48.295	ug/l	93
28) Bromochloromethane	7.812	49	96779	47.463	ug/l	98
29) Tetrahydrofuran	7.835	42	198259	239.339	ug/l	95
30) Chloroform	7.965	83	299651	50.832	ug/l	94
31) Cyclohexane	8.259	56	199758	43.374	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	282764	48.991	ug/l	96
36) 1,1-Dichloropropene	8.371	75	203545	46.425	ug/l	97
37) Ethyl Acetate	7.559	43	131410	47.863	ug/l	98
38) Carbon Tetrachloride	8.365	117	257178	49.090	ug/l	95
39) Methylcyclohexane	9.606	83	202792	44.524	ug/l	89
40) Benzene	8.606	78	592542	46.802	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79212	50.045	ug/l	95
42) 1,2-Dichloroethane	8.671	62	241608	51.534	ug/l	96
43) Isopropyl Acetate	8.688	43	234980	47.600	ug/l	98
44) Trichloroethene	9.353	130	155101	45.442	ug/l	99
45) 1,2-Dichloropropane	9.624	63	140967	47.406	ug/l	98
46) Dibromomethane	9.712	93	104458	48.916	ug/l	90
47) Bromodichloromethane	9.888	83	233692	51.062	ug/l	95
48) Methyl methacrylate	9.682	41	141963	48.190	ug/l	92
49) 1,4-Dioxane	9.694	88	39768	890.623	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	669853	246.382	ug/l	100
52) Toluene	10.629	92	379706	47.474	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	242273	48.927	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	251664	47.550	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	142689	49.581	ug/l	98
56) Ethyl methacrylate	10.876	69	156078	48.985	ug/l	93
57) 1,3-Dichloropropane	11.165	76	249179	49.392	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	471697	234.503	ug/l	100
59) 2-Hexanone	11.194	43	488832	243.550	ug/l	98
60) Dibromochloromethane	11.359	129	171396	50.260	ug/l	100
61) 1,2-Dibromoethane	11.470	107	143368	48.133	ug/l	99
64) Tetrachloroethene	11.106	164	132750	45.726	ug/l	98
65) Chlorobenzene	11.894	112	395765	47.314	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	158452	48.277	ug/l	94
67) Ethyl Benzene	11.965	91	722198	46.956	ug/l	96
68) m/p-Xylenes	12.070	106	533317	93.838	ug/l	89
69) o-Xylene	12.400	106	260482	46.858	ug/l	89
70) Styrene	12.412	104	388341	48.498	ug/l	93
71) Bromoform	12.582	173	114005	47.632	ug/l #	99
73) Isopropylbenzene	12.694	105	683635	48.992	ug/l	98
74) N-amyl acetate	12.494	43	195701	48.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	179784	48.081	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	168789m	48.708	ug/l	
77) Bromobenzene	12.982	156	164207	47.836	ug/l	95
78) n-propylbenzene	13.035	91	749815	48.736	ug/l	99
79) 2-Chlorotoluene	13.129	91	480577	47.845	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	590867	49.165	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	67182	50.902	ug/l	90
82) 4-Chlorotoluene	13.223	91	484340	46.912	ug/l	97
83) tert-Butylbenzene	13.441	119	477980	48.564	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	589845	49.335	ug/l	96
85) sec-Butylbenzene	13.617	105	602505	47.854	ug/l	99
86) p-Isopropyltoluene	13.729	119	549726	48.356	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	280182	46.326	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	278822	45.670	ug/l	97
89) n-Butylbenzene	14.059	91	446911	47.075	ug/l	99
90) Hexachloroethane	14.335	117	85100	47.136	ug/l	68
91) 1,2-Dichlorobenzene	14.106	146	266585	46.418	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38990	49.574	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	158194	49.611	ug/l	98
94) Hexachlorobutadiene	15.506	225	80015	44.078	ug/l	98
95) Naphthalene	15.641	128	482702	49.852	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	150371	48.869	ug/l	98

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ClientSampleId :
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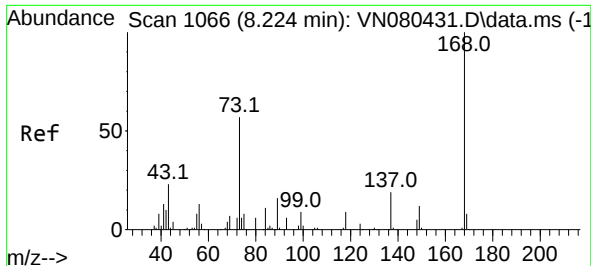
Manual Integrations
APPROVED

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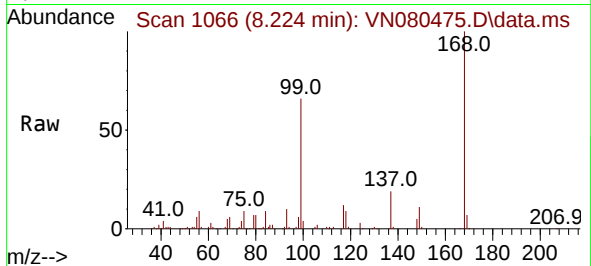
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

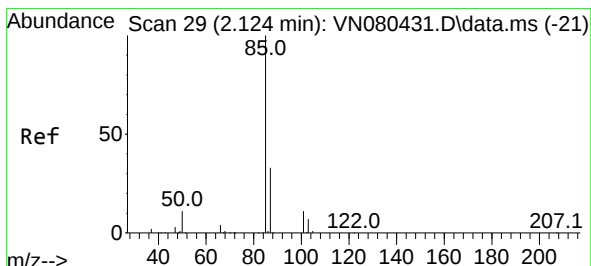
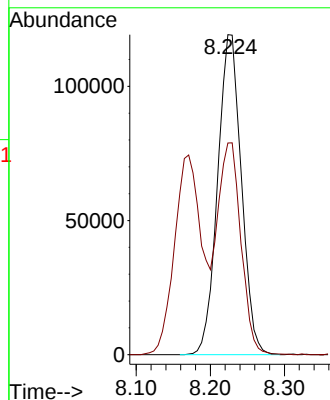
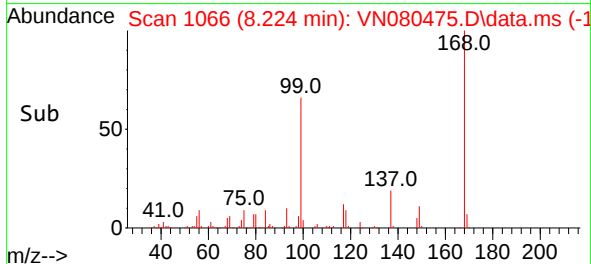
Instrument :
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VSTDCCC050EC



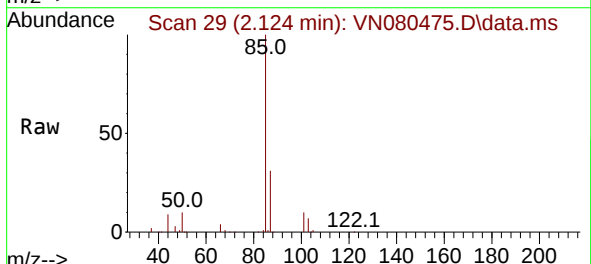
Tgt Ion:168 Resp: 265150
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6

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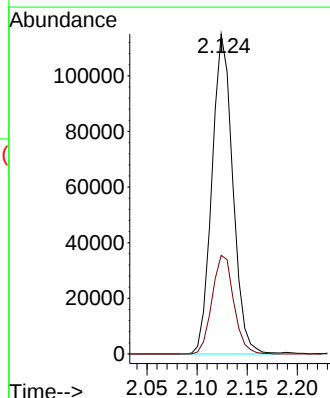
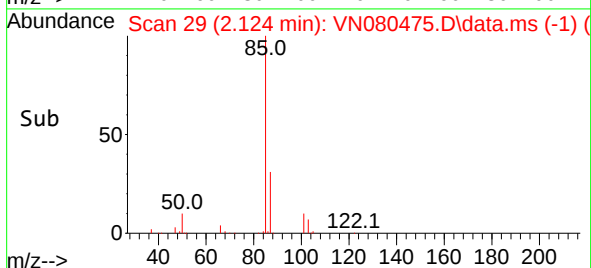
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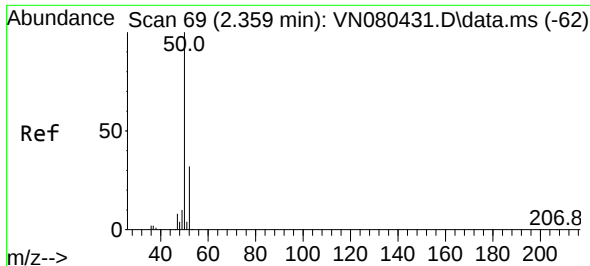


#2
Dichlorodifluoromethane
Concen: 49.175 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



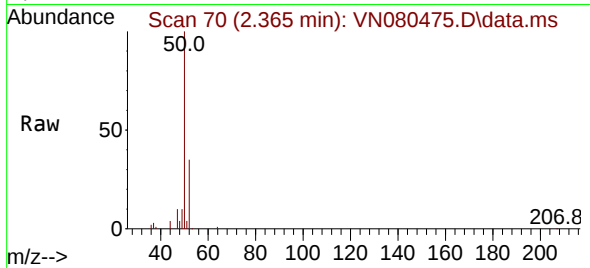
Tgt Ion: 85 Resp: 166628
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





#3
Chloromethane
Concen: 40.985 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

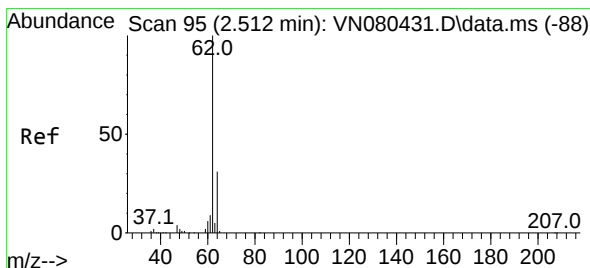
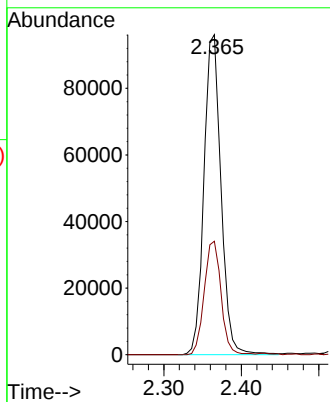
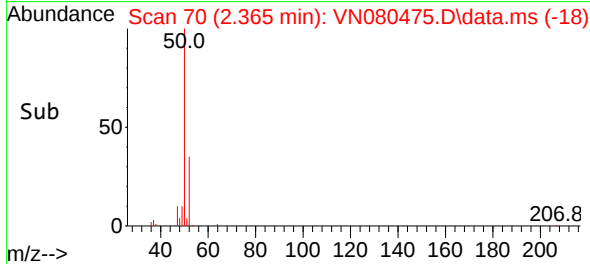
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 146830
Ion Ratio Lower Upper
50 100
52 35.5 26.5 39.7

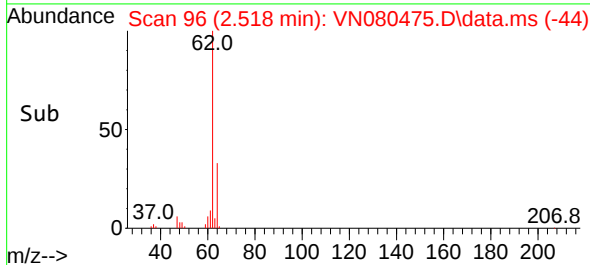
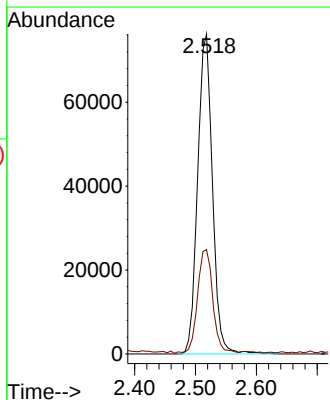
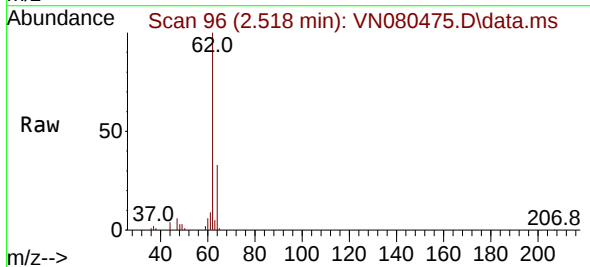
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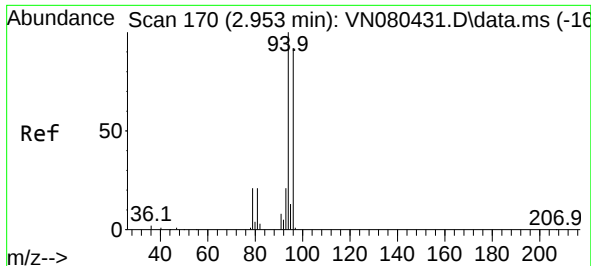
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#4
Vinyl Chloride
Concen: 44.379 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

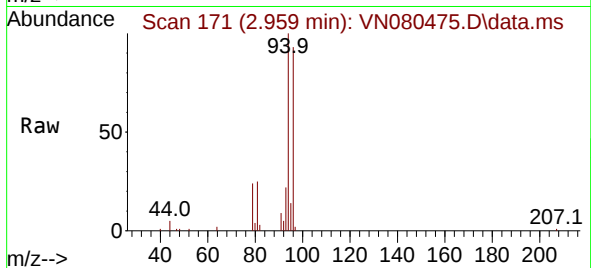
Tgt Ion: 62 Resp: 128425
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





#5
Bromomethane
Concen: 42.625 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

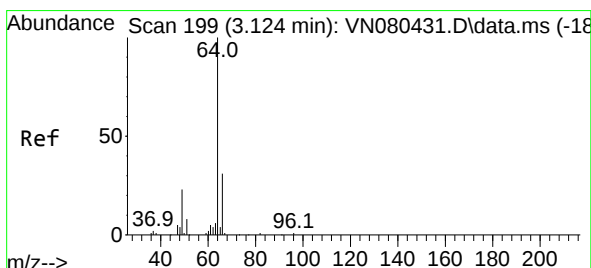
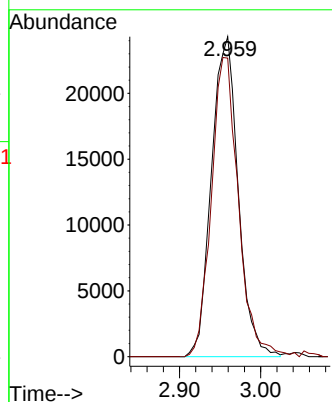
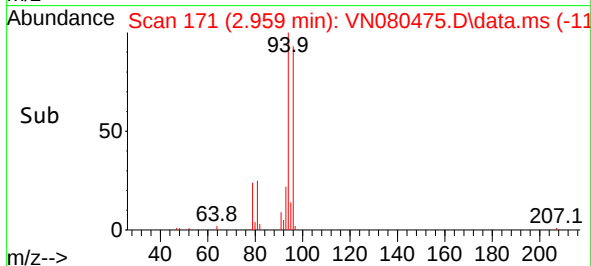
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Tgt Ion: 94 Resp: 5561
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7

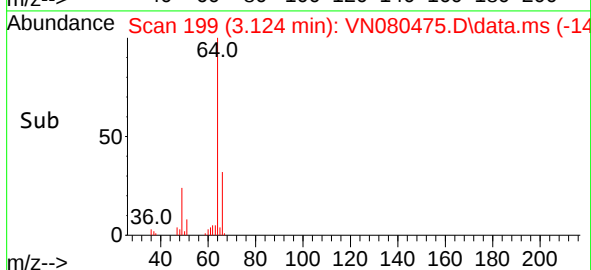
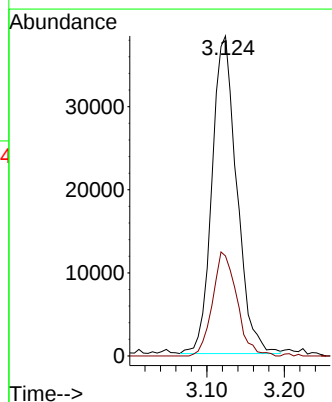
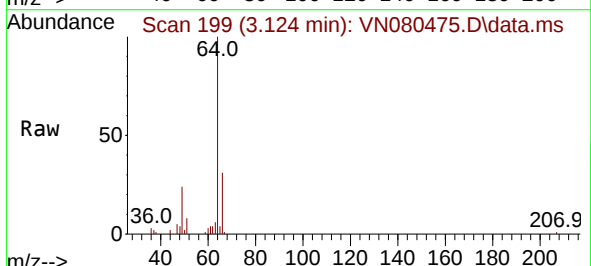
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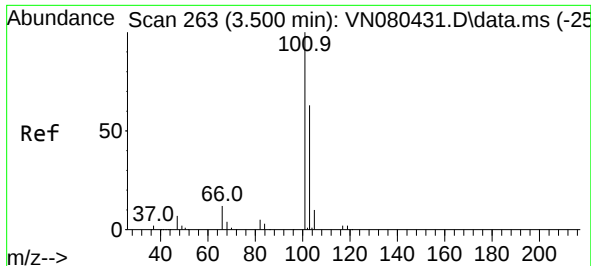
Reviewed By :John Carlone 12/14/2023
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#6
Chloroethane
Concen: 45.690 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Tgt Ion: 64 Resp: 84960
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 49.113 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

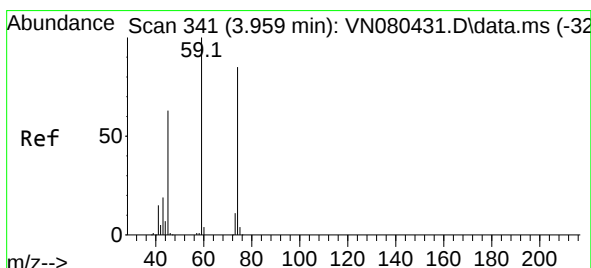
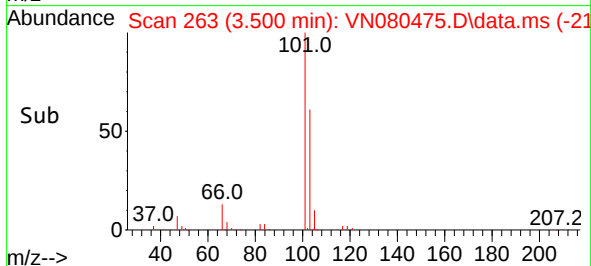
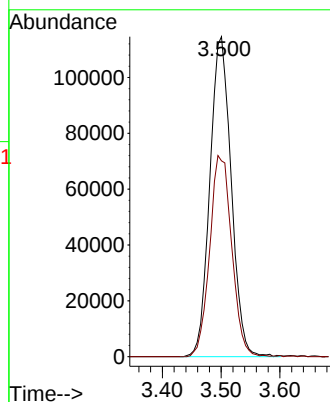
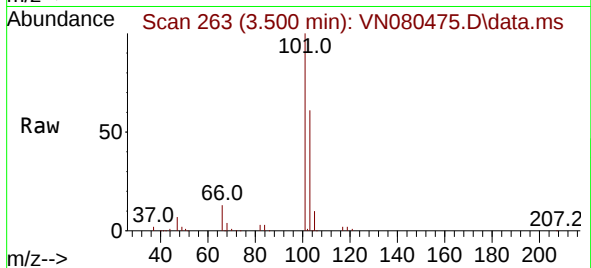
VSTDCCC050EC

Tgt Ion:101 Resp: 28826
Ion Ratio Lower Upper
101 100
103 61.2 50.7 76.1

Manual Integrations

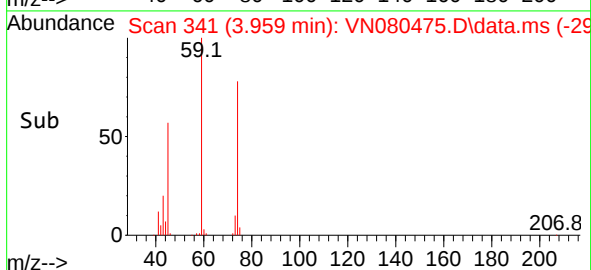
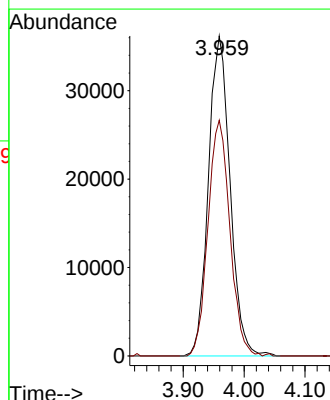
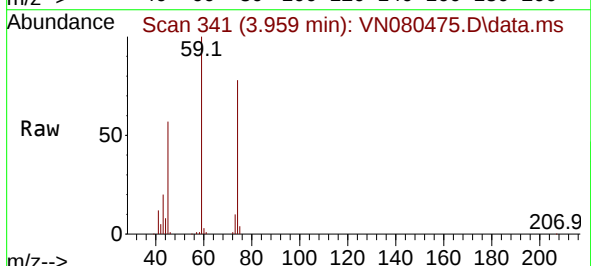
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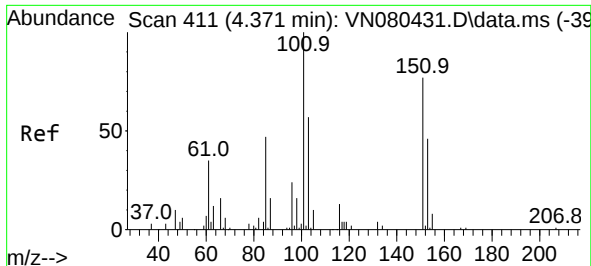
Reviewed By :John Carlone 12/14/2023
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#8
Diethyl Ether
Concen: 48.357 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080475.D
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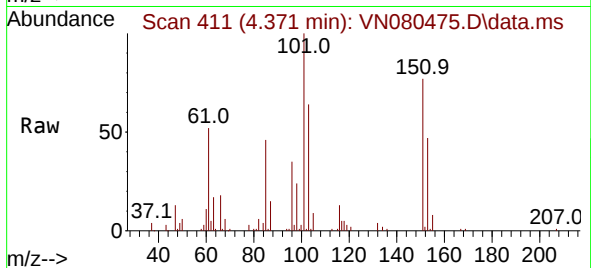
Tgt Ion: 74 Resp: 89398
Ion Ratio Lower Upper
74 100
45 74.5 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.689 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080475.D
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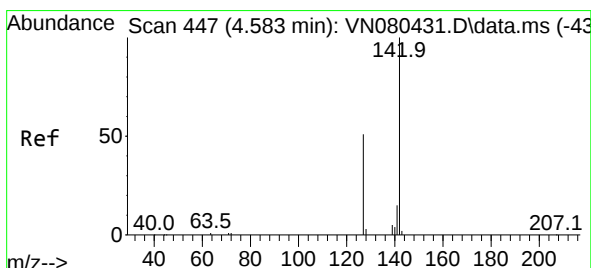
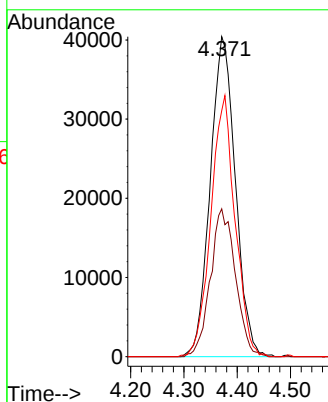
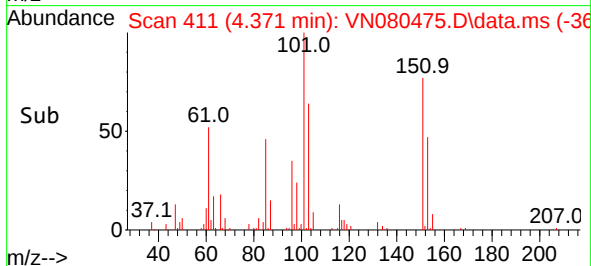
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



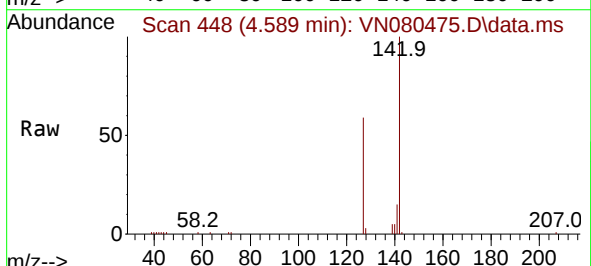
Tgt Ion:101 Resp: 132669
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 78.5 57.6 86.4

Manual Integrations
APPROVED

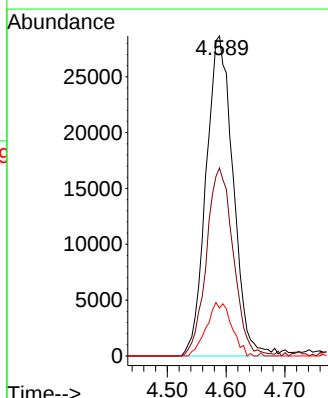
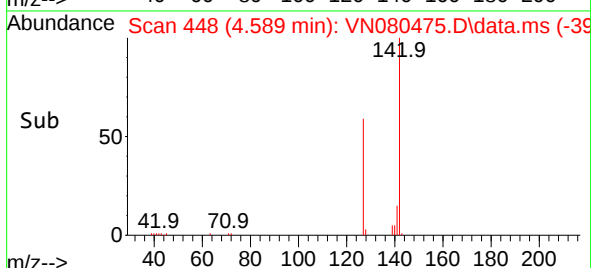
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

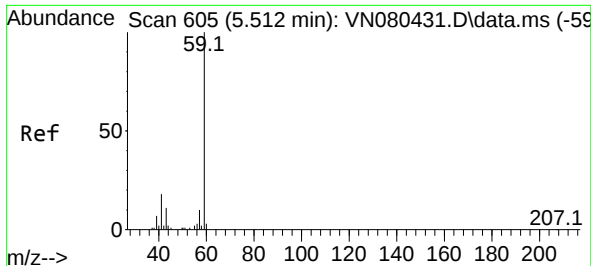


#10
Methyl Iodide
Concen: 37.421 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



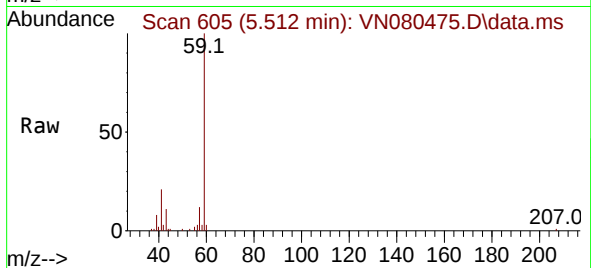
Tgt Ion:142 Resp: 91568
Ion Ratio Lower Upper
142 100
127 58.8 37.6 56.4#
141 15.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 217.716 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

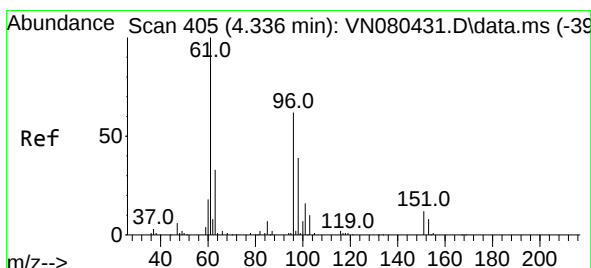
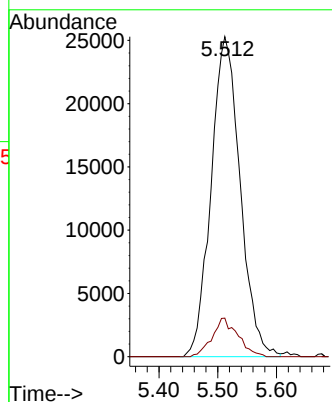
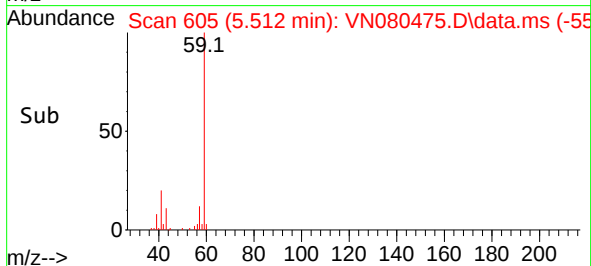
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



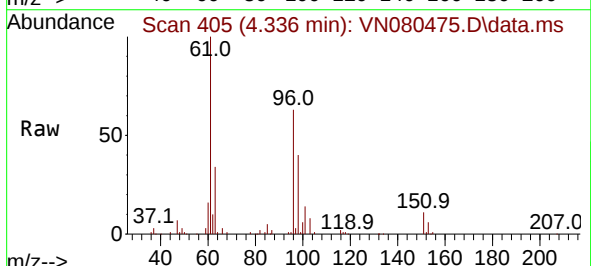
Tgt Ion: 59 Resp: 8683
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
APPROVED

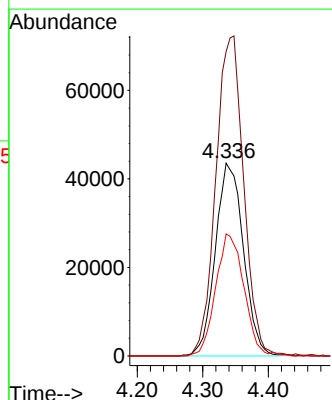
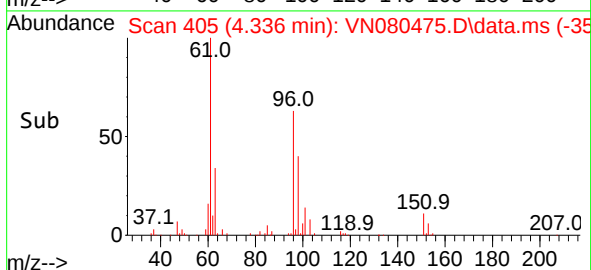
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

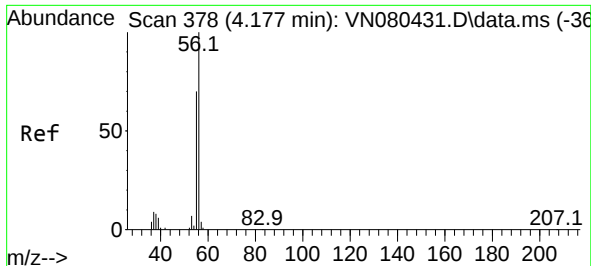


#12
1,1-Dichloroethene
Concen: 45.418 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



Tgt Ion: 96 Resp: 129464
Ion Ratio Lower Upper
96 100
61 157.8 112.7 169.1
98 63.3 51.2 76.8





#13

Acrolein

Concen: 217.683 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 95084

Ion Ratio Lower Upper

56 100

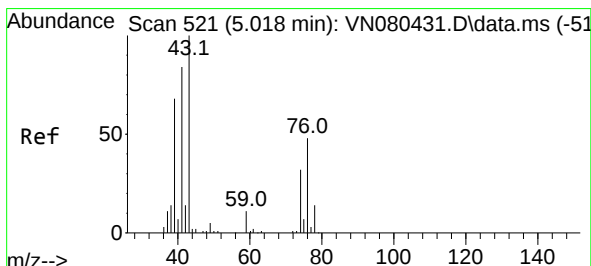
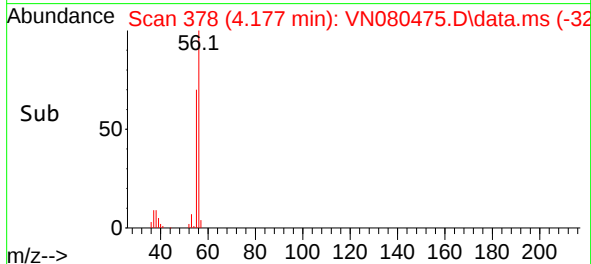
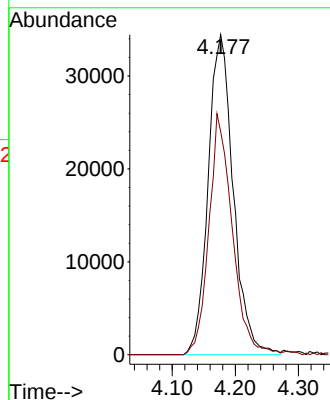
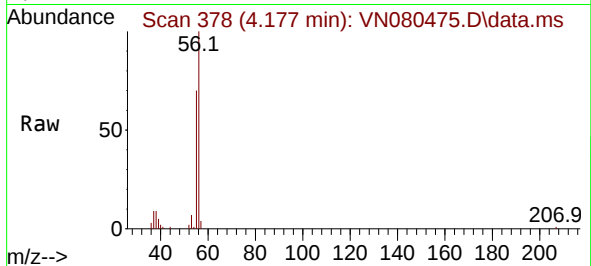
55 70.1 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#14

Allyl chloride

Concen: 44.819 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

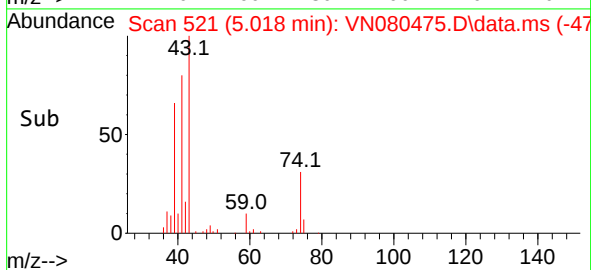
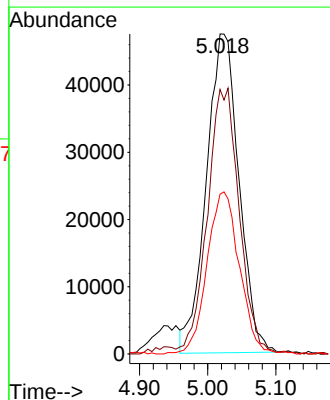
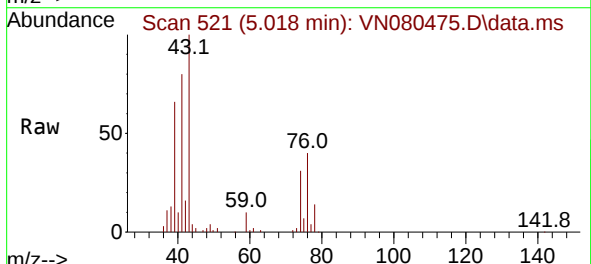
Tgt Ion: 41 Resp: 158066

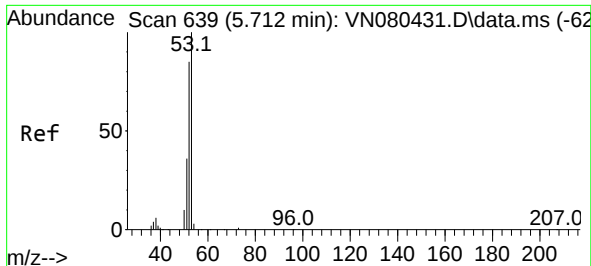
Ion Ratio Lower Upper

41 100

39 79.9 58.8 88.2

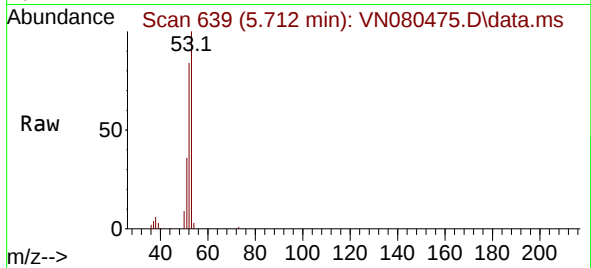
76 50.3 39.1 58.7





#15
Acrylonitrile
Concen: 248.853 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

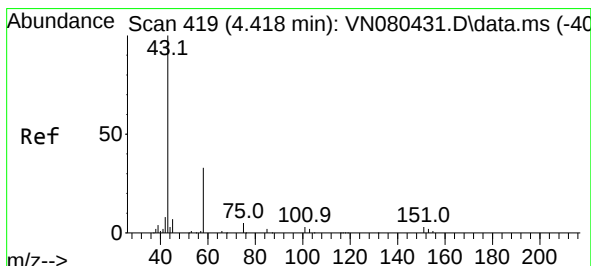
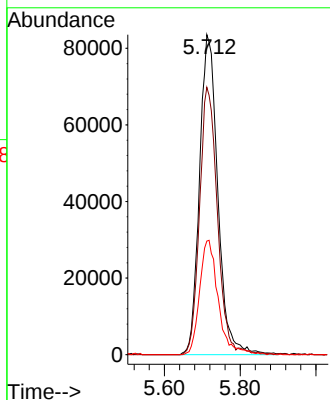
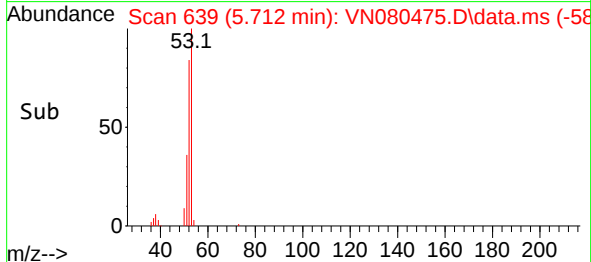
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 28045
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 36.3 28.9 43.3

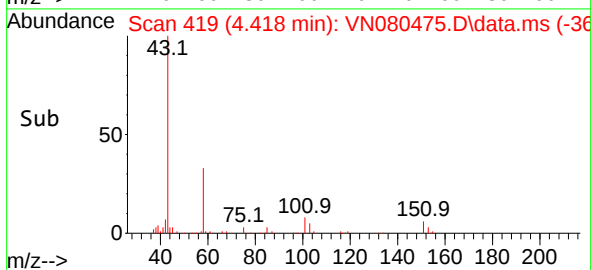
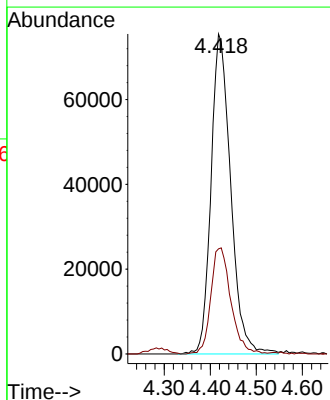
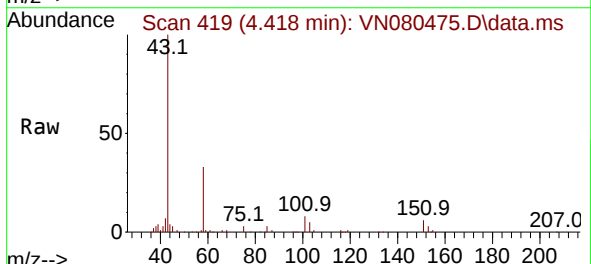
Manual Integrations
APPROVED

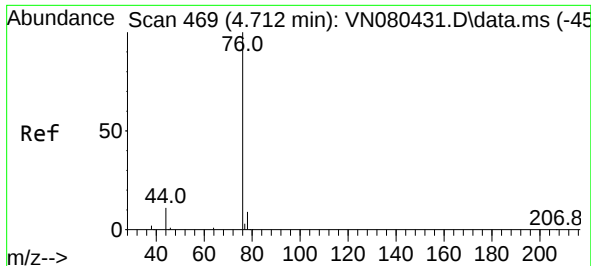
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#16
Acetone
Concen: 371.875 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

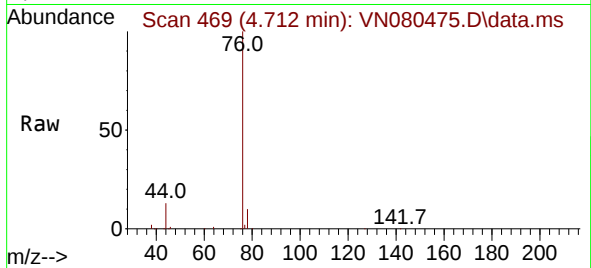
Tgt Ion: 43 Resp: 223308
Ion Ratio Lower Upper
43 100
58 32.6 28.0 42.0





#17
Carbon Disulfide
Concen: 43.230 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

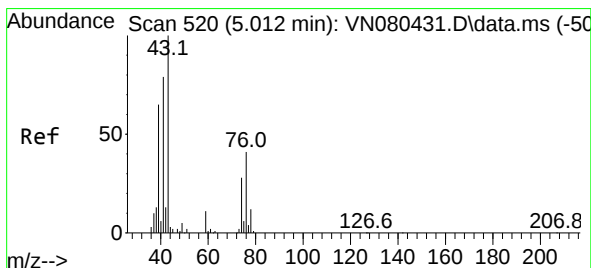
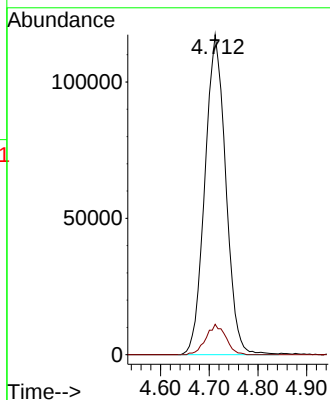
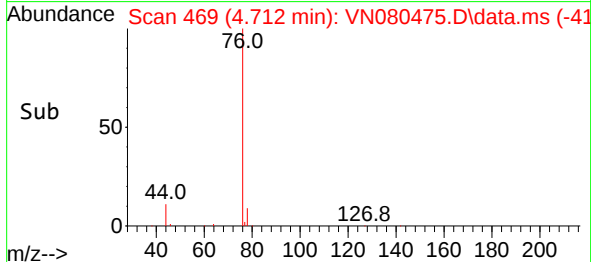
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



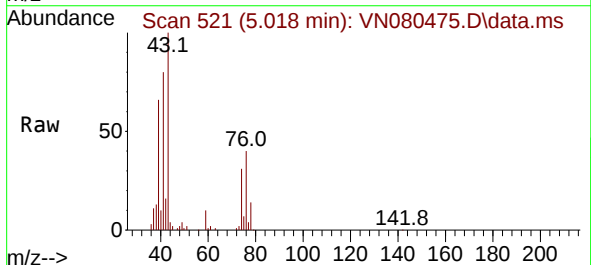
Tgt Ion: 76 Resp: 349228
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
APPROVED

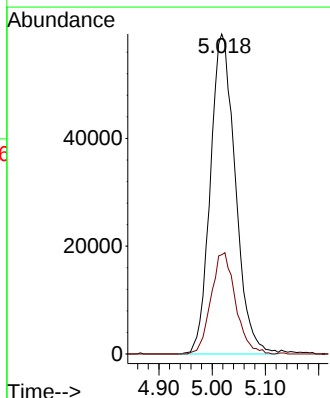
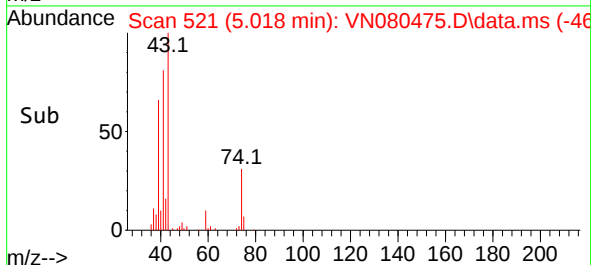
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

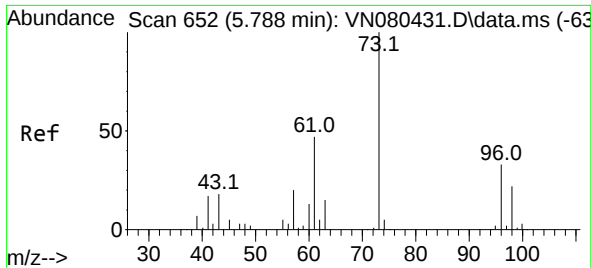


#18
Methyl Acetate
Concen: 50.042 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



Tgt Ion: 43 Resp: 193356
Ion Ratio Lower Upper
43 100
74 31.0 26.2 39.4





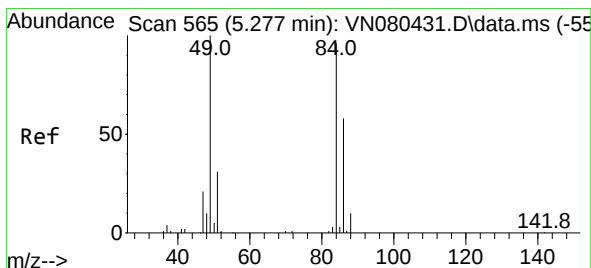
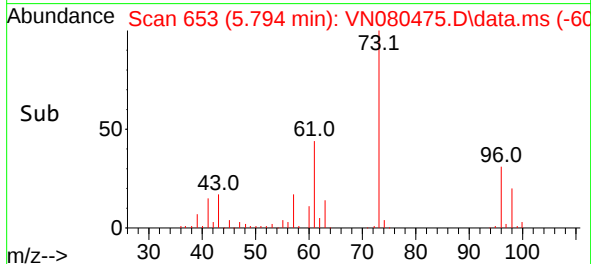
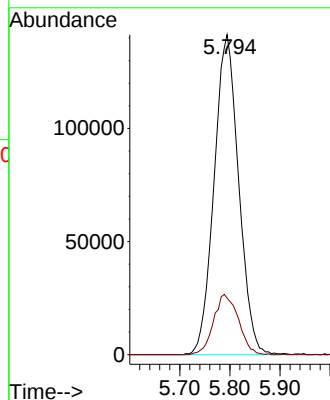
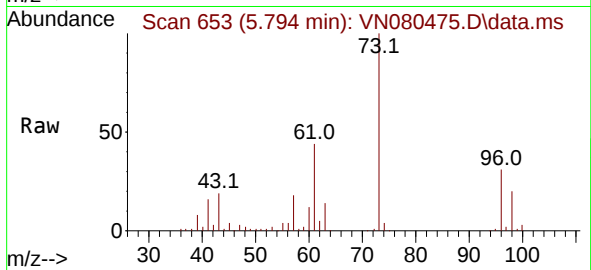
#19
Methyl tert-butyl Ether
Concen: 50.617 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 481379
Ion Ratio Lower Upper
73 100
57 17.7 15.6 23.4

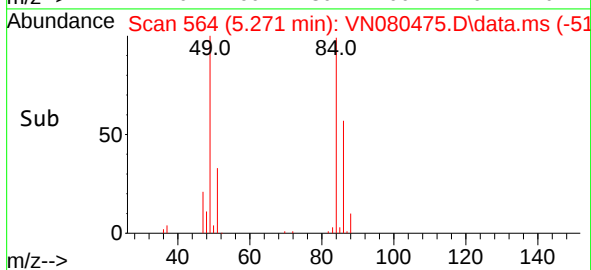
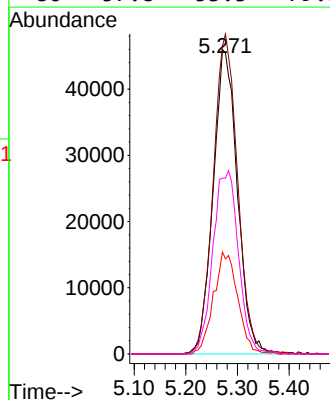
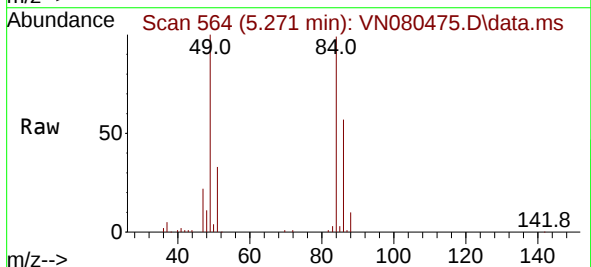
Manual Integrations
APPROVED

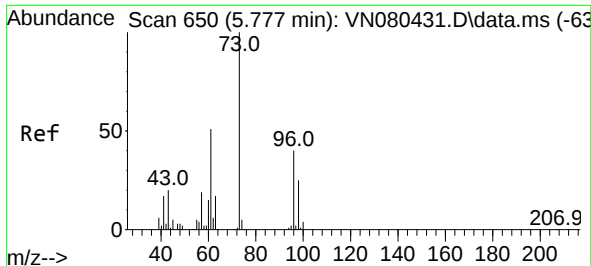
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 46.600 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

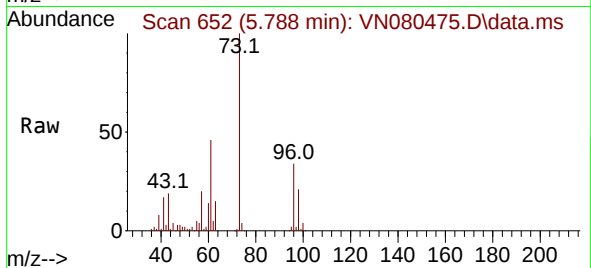
Tgt Ion: 84 Resp: 149755
Ion Ratio Lower Upper
84 100
49 101.2 79.7 119.5
51 33.5 25.2 37.8
86 57.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.667 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

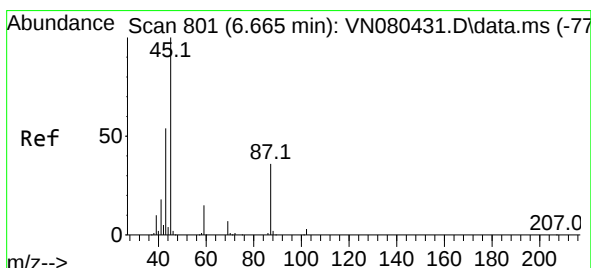
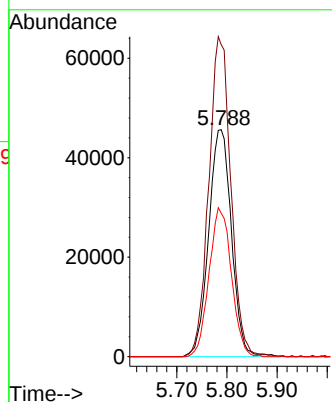
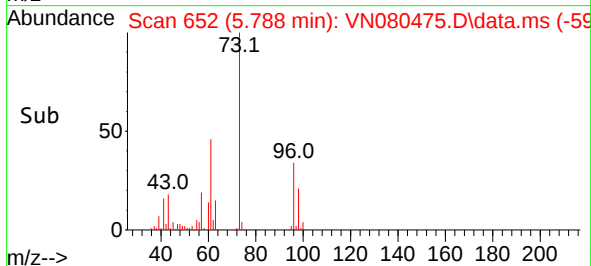
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



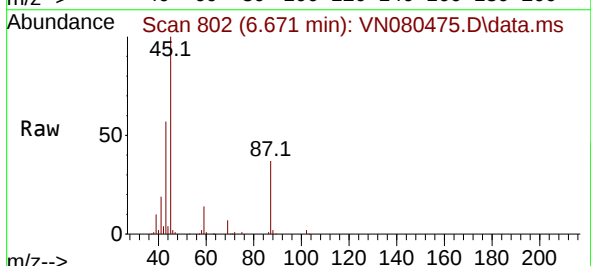
Tgt Ion: 96 Resp: 144239
Ion Ratio Lower Upper
96 100
61 137.5 90.1 135.1
98 63.2 46.4 69.6

Manual Integrations
APPROVED

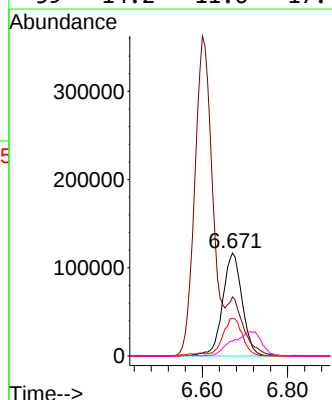
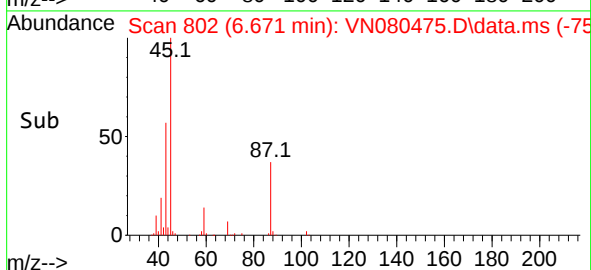
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

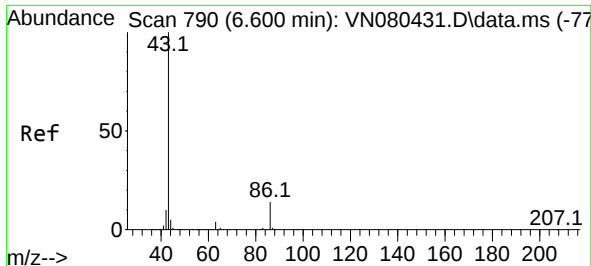


#22
Diisopropyl ether
Concen: 48.799 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



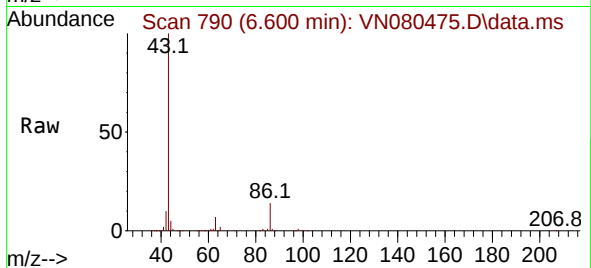
Tgt Ion: 45 Resp: 371450
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 36.6 31.8 47.8
59 14.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 240.952 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080475.D
 Acq: 13 Dec 2023 20:25

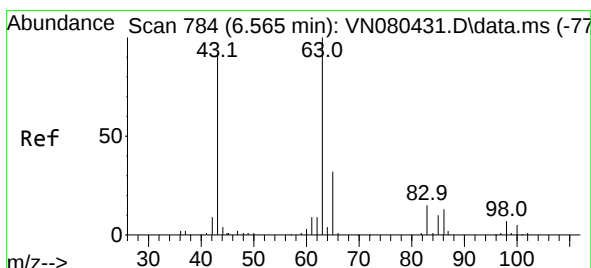
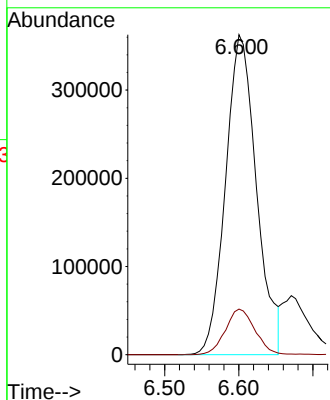
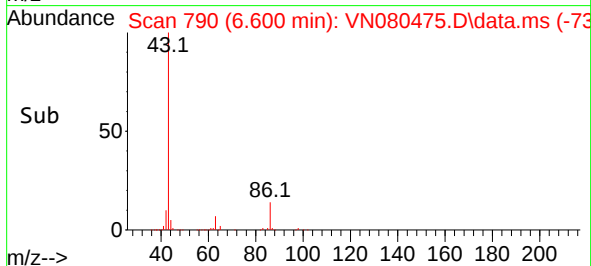
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



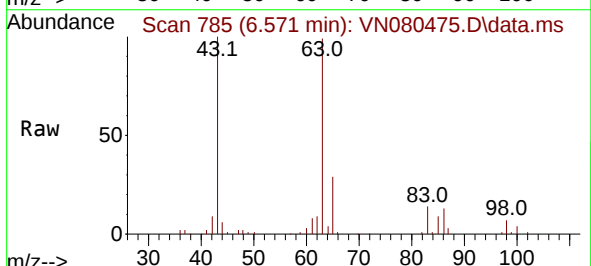
Tgt Ion: 43 Resp: 1053379
 Ion Ratio Lower Upper
 43 100
 86 14.3 13.0 19.6

Manual Integrations
 APPROVED

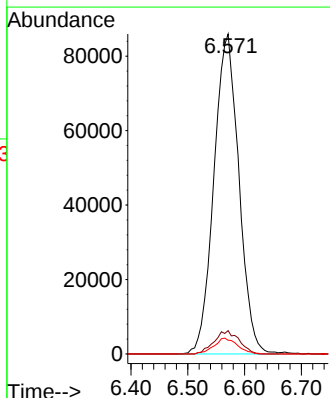
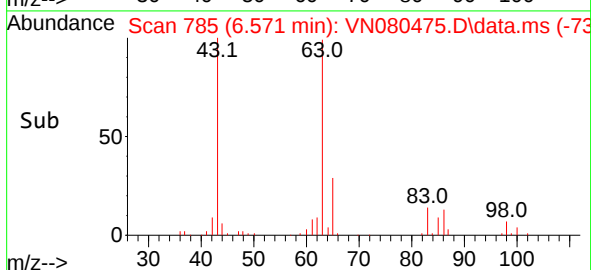
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 49.429 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080475.D
 Acq: 13 Dec 2023 20:25



Tgt Ion: 63 Resp: 262505
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.3 2.5 7.4





#25

2-Butanone

Concen: 271.185 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 313700

Ion Ratio Lower Upper

43 100

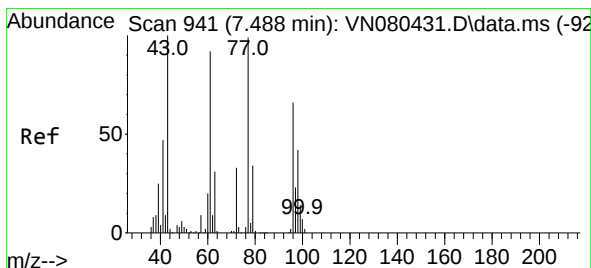
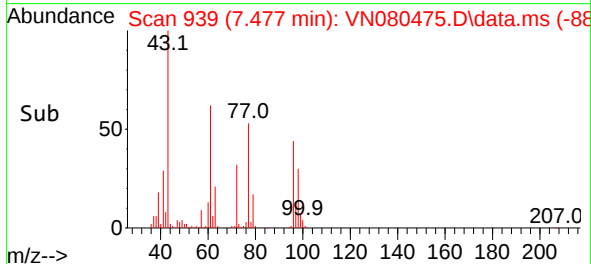
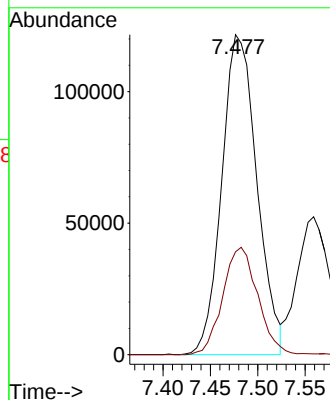
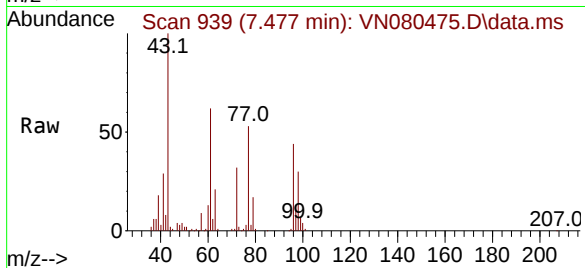
72 32.1 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#26

2,2-Dichloropropane

Concen: 44.905 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080475.D

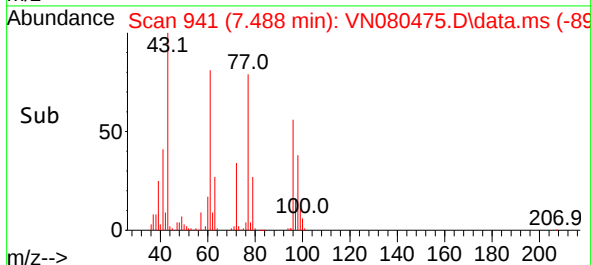
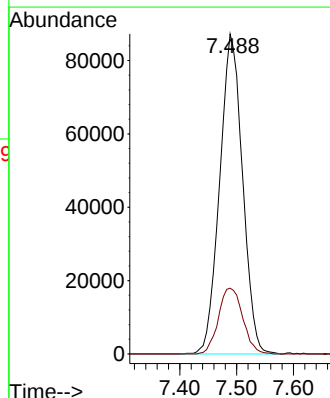
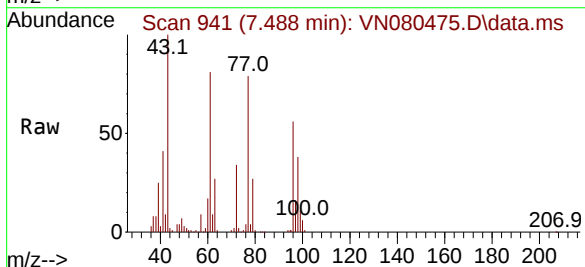
Acq: 13 Dec 2023 20:25

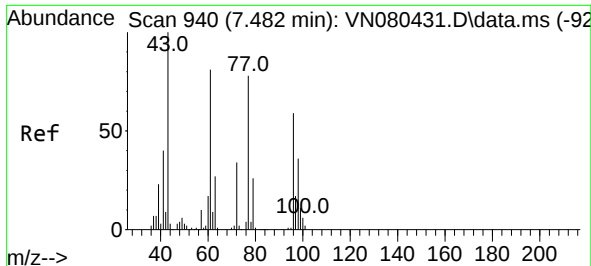
Tgt Ion: 77 Resp: 243855

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 48.295 ug/l

RT: 7.482 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 16896

Ion Ratio Lower Upper

96 100

61 139.9 0.0 255.2

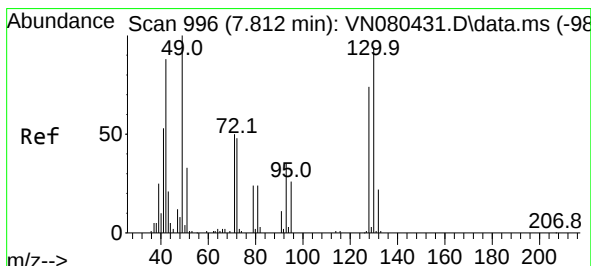
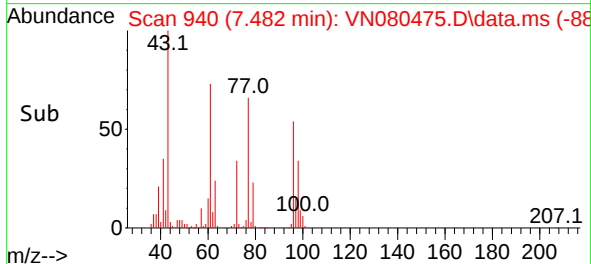
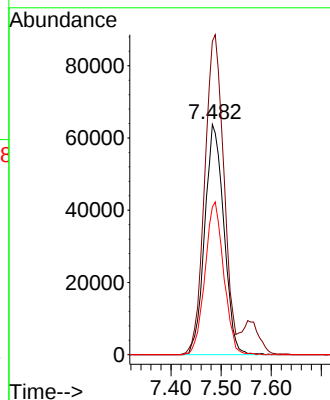
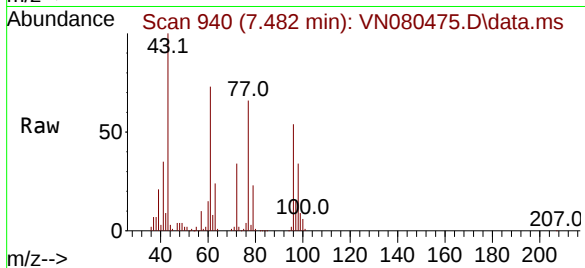
98 65.1 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#28

Bromochloromethane

Concen: 47.463 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

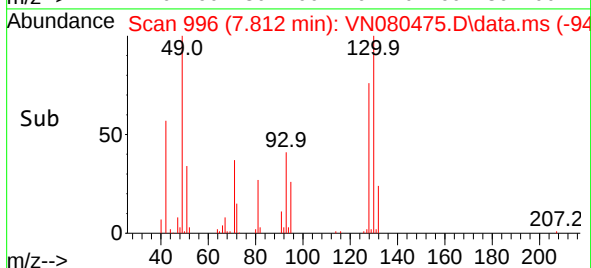
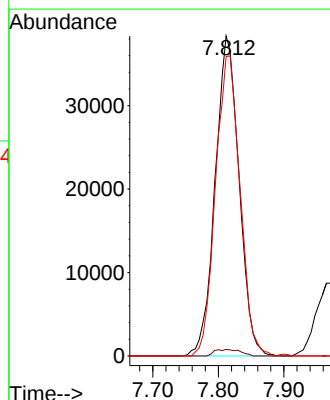
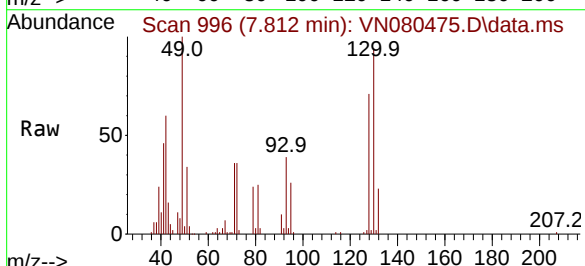
Tgt Ion: 49 Resp: 96779

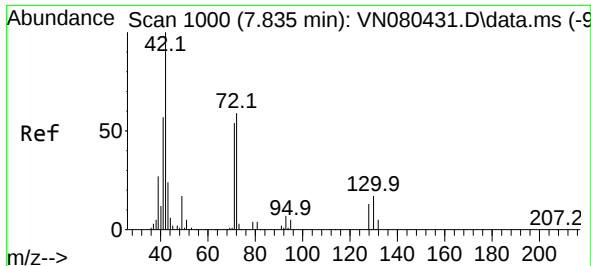
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 96.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 239.339 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19825

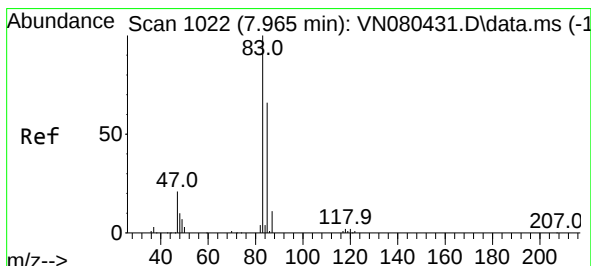
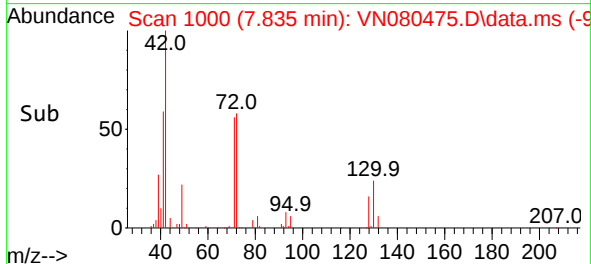
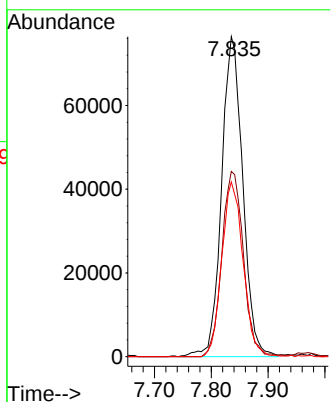
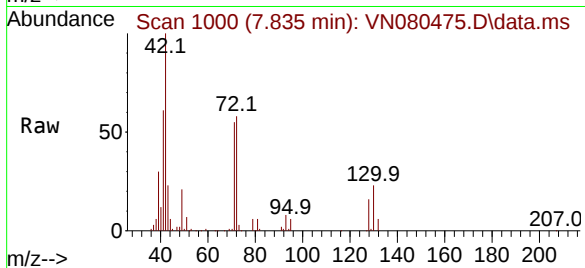
Ion	Ratio	Lower	Upper
42	100		
72	58.8	49.8	74.6
71	55.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 50.832 ug/l

RT: 7.965 min Scan# 1022

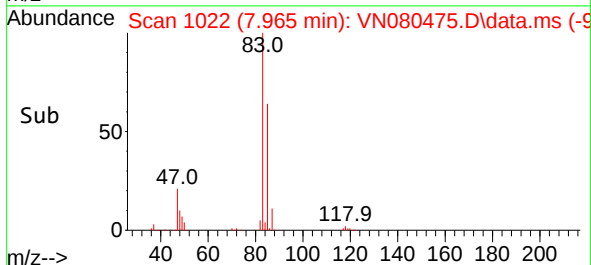
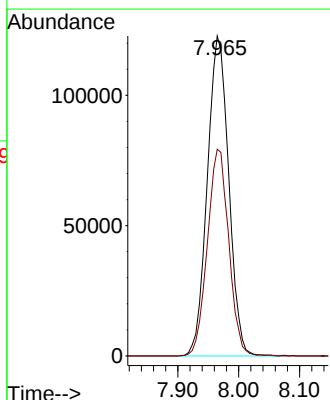
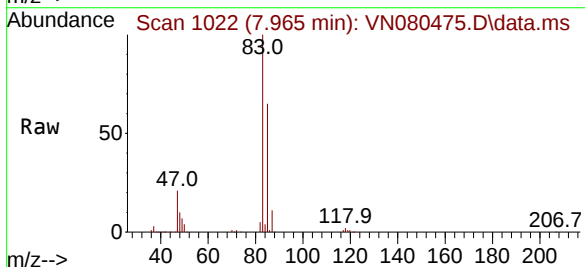
Delta R.T. 0.000 min

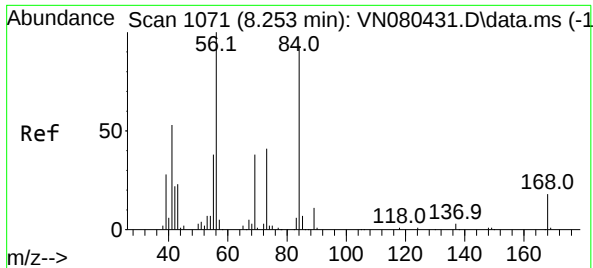
Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Tgt Ion: 83 Resp: 299651

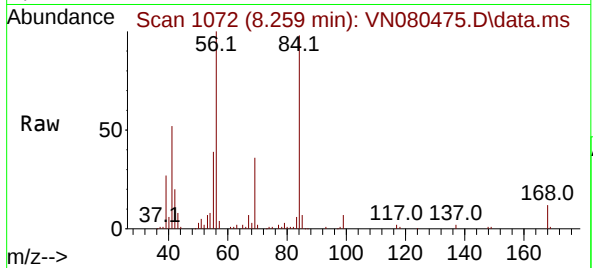
Ion	Ratio	Lower	Upper
83	100		
85	64.6	55.4	83.0





#31
Cyclohexane
Concen: 43.374 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

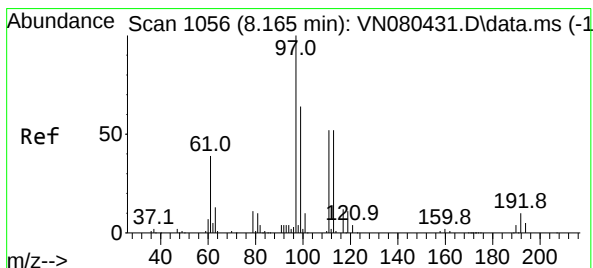
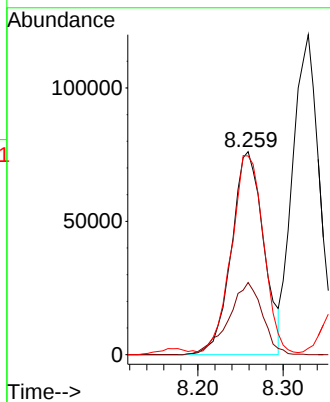
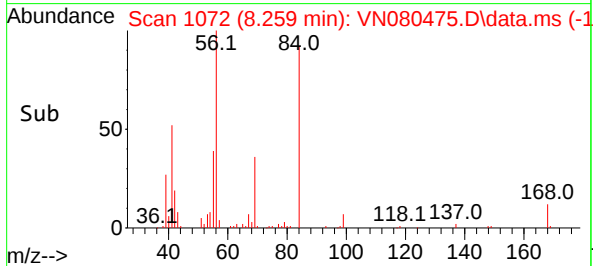
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



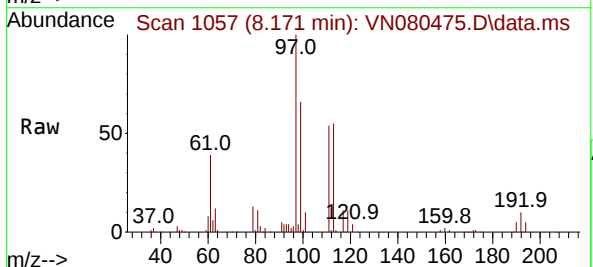
Tgt Ion: 56 Resp: 199758
Ion Ratio Lower Upper
56 100
69 35.5 26.8 40.2
84 94.8 81.8 122.6

Manual Integrations
APPROVED

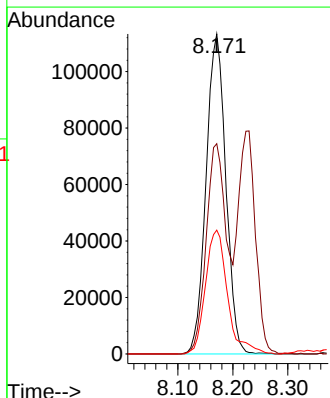
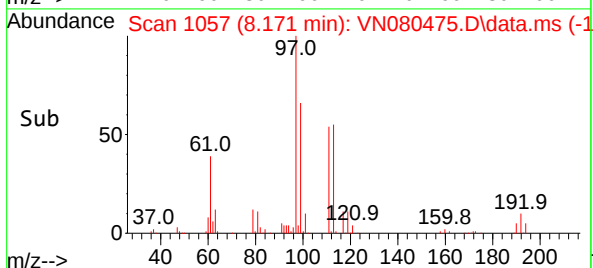
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

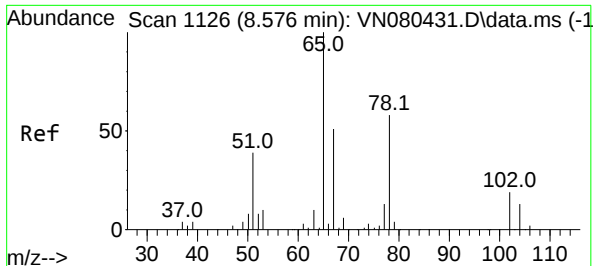


#32
1,1,1-Trichloroethane
Concen: 48.991 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



Tgt Ion: 97 Resp: 282764
Ion Ratio Lower Upper
97 100
99 68.0 50.3 75.5
61 43.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 57.191 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 19368

Ion Ratio Lower Upper

65 100

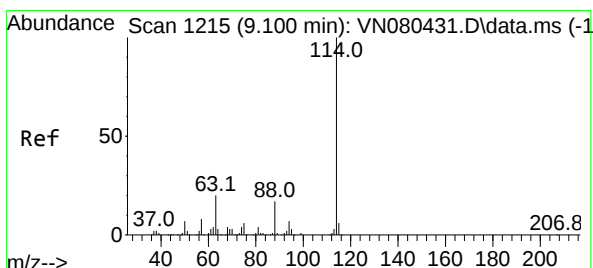
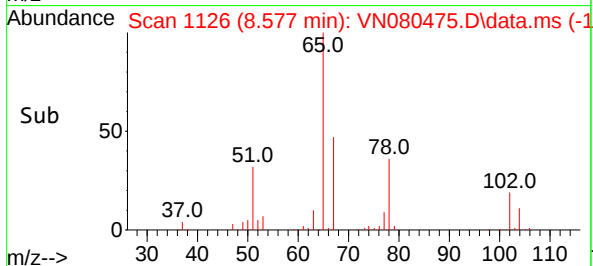
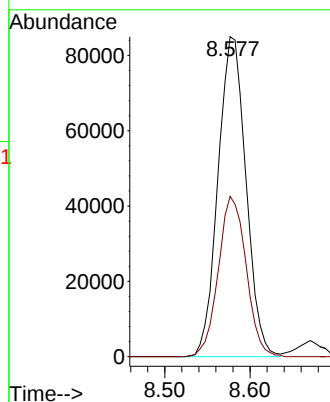
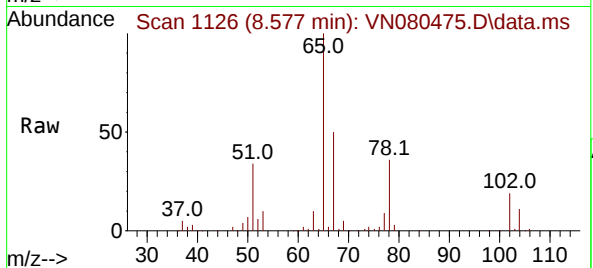
67 49.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

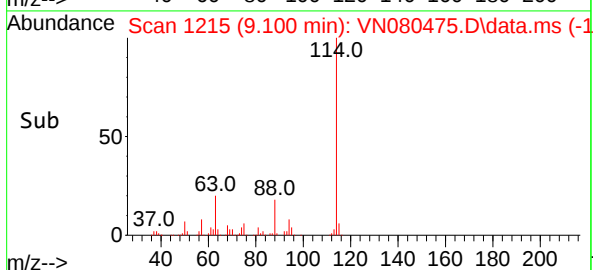
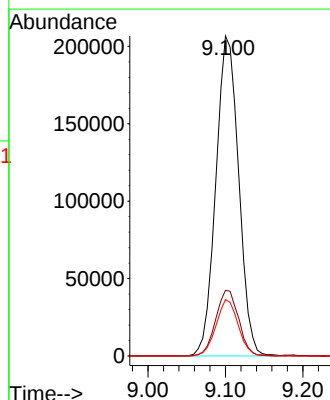
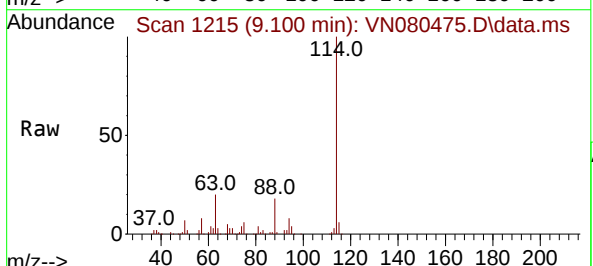
Tgt Ion:114 Resp: 422921

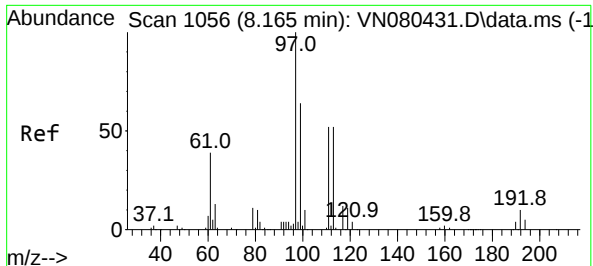
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 17.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.902 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 14990

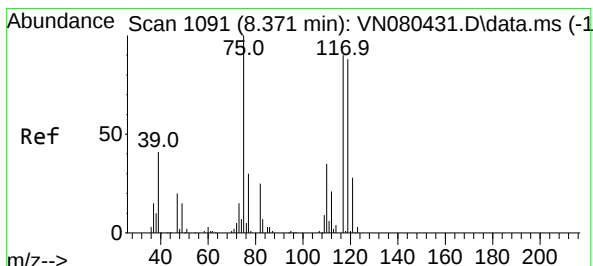
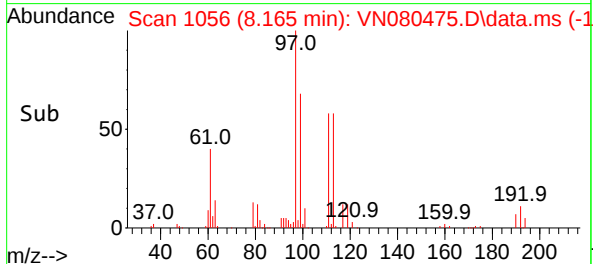
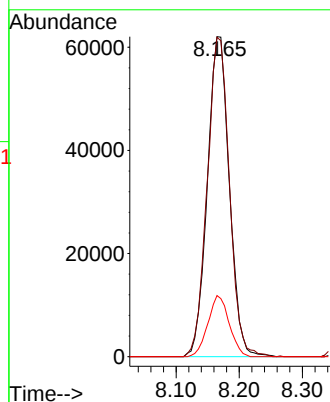
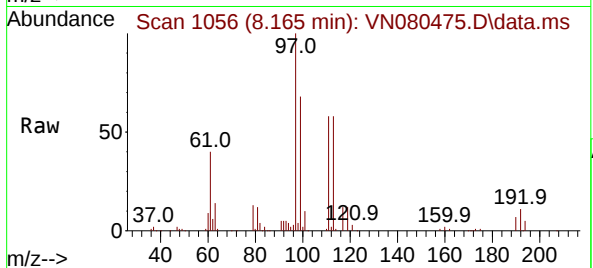
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.6	123.8
192	18.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#36

1,1-Dichloropropene

Concen: 46.425 ug/l

RT: 8.371 min Scan# 1091

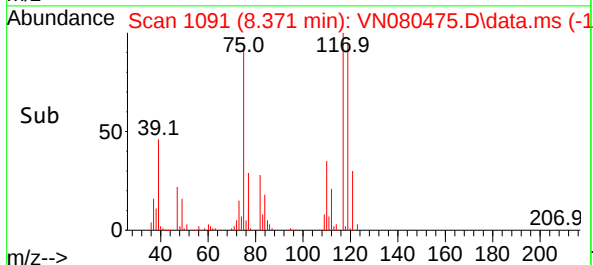
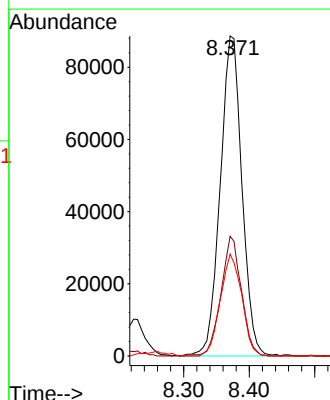
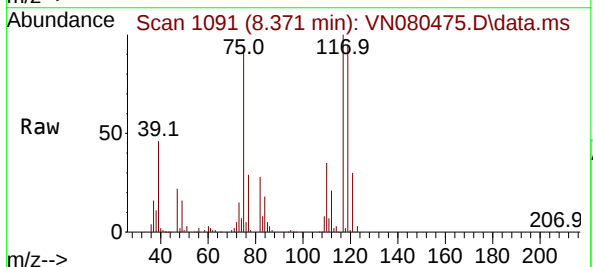
Delta R.T. 0.000 min

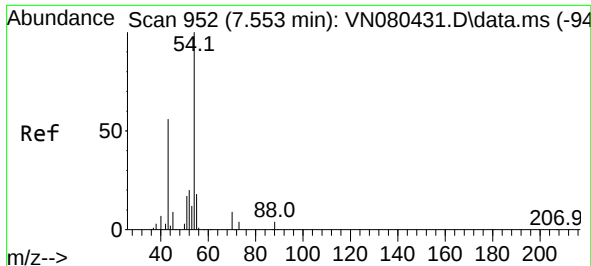
Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Tgt Ion: 75 Resp: 203545

Ion	Ratio	Lower	Upper
75	100		
110	34.9	19.1	57.3
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 47.863 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080475.D

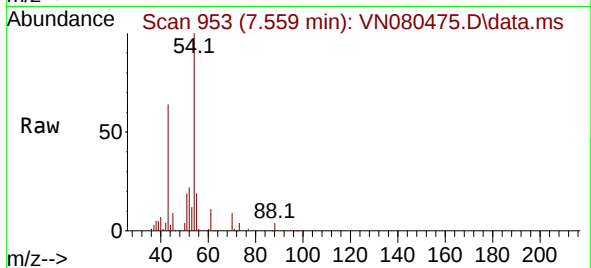
Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 131410

Ion Ratio Lower Upper

43 100

61 15.6 13.2 19.8

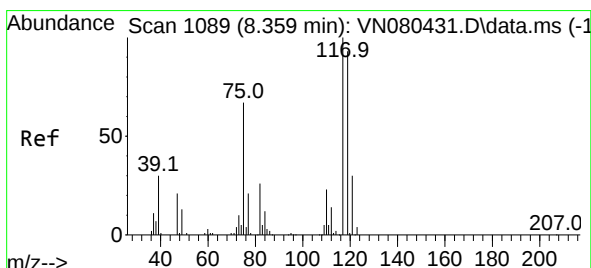
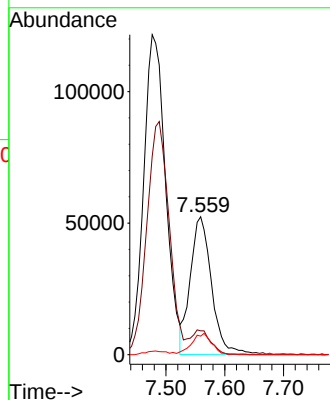
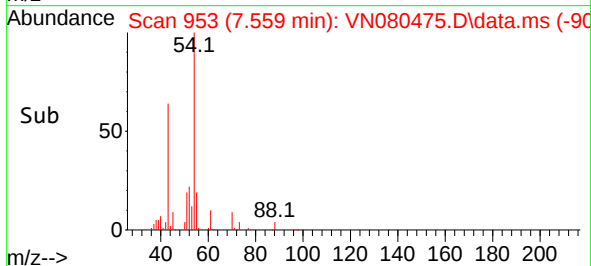
70 14.5 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#38

Carbon Tetrachloride

Concen: 49.090 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

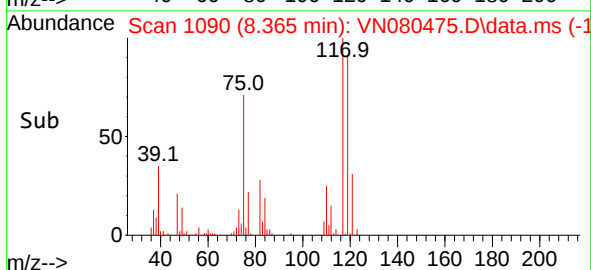
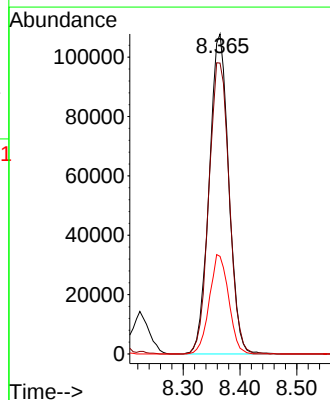
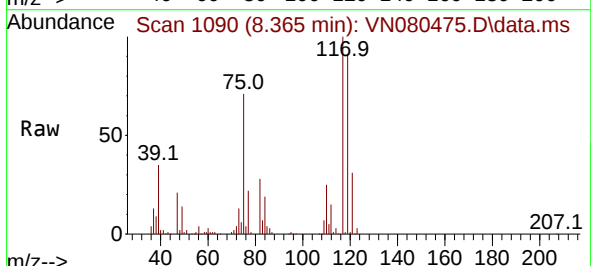
Tgt Ion:117 Resp: 257178

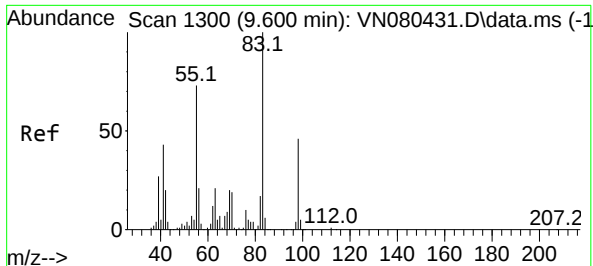
Ion Ratio Lower Upper

117 100

119 90.9 77.3 115.9

121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 44.524 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

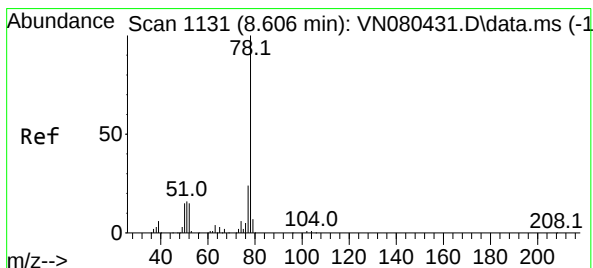
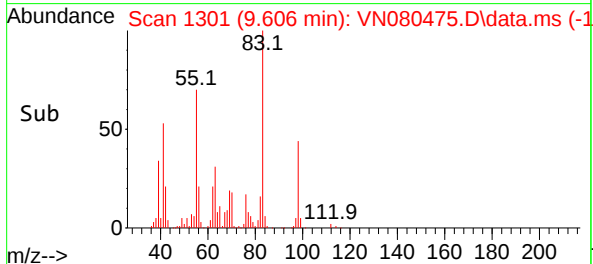
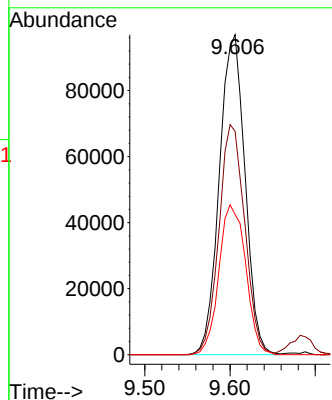
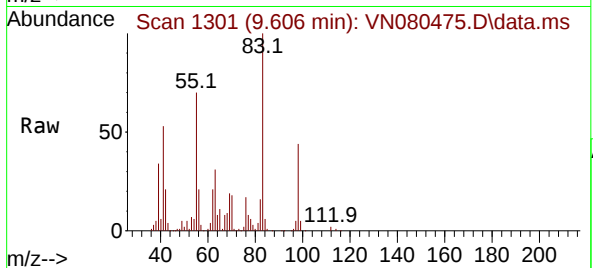
Tgt Ion:	83	Resp:	20279
Ion	Ratio	Lower	Upper
83	100		
55	69.8	49.1	73.7
98	43.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#40

Benzene

Concen: 46.802 ug/l

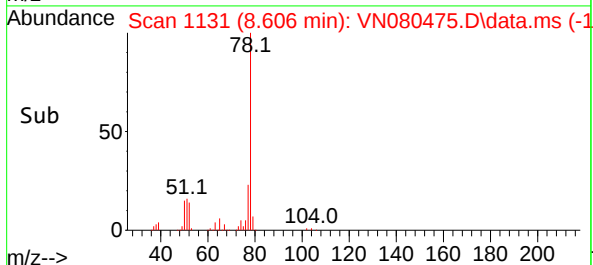
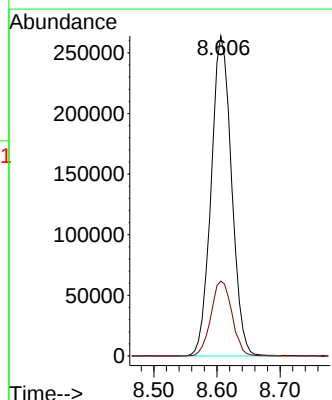
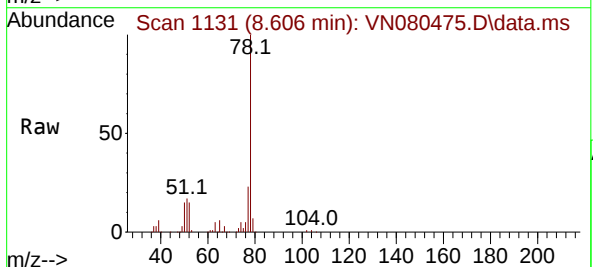
RT: 8.606 min Scan# 1131

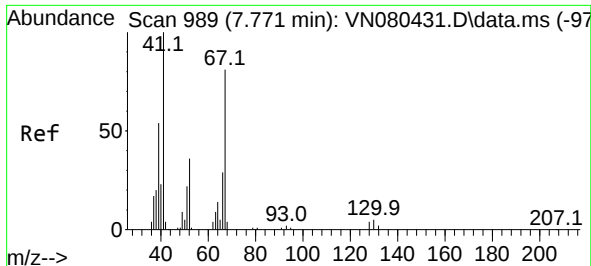
Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Tgt Ion:	78	Resp:	592542
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





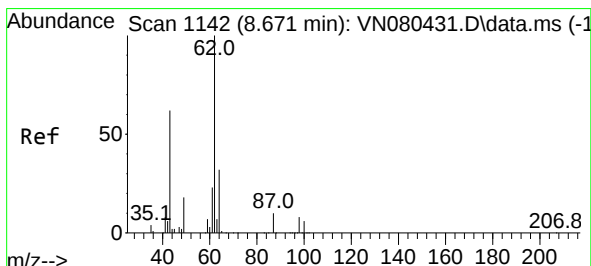
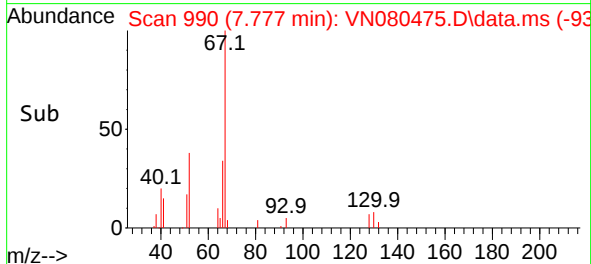
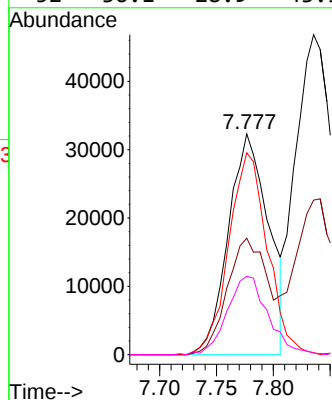
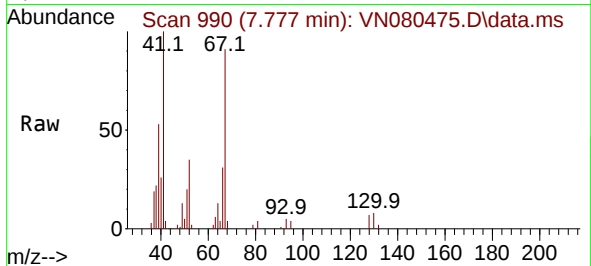
#41
Methacrylonitrile
Concen: 50.045 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	7921
Ion Ratio	Lower	Upper	
41	100		
39	51.4	42.6	64.0
67	88.1	77.5	116.3
52	36.1	28.9	43.3

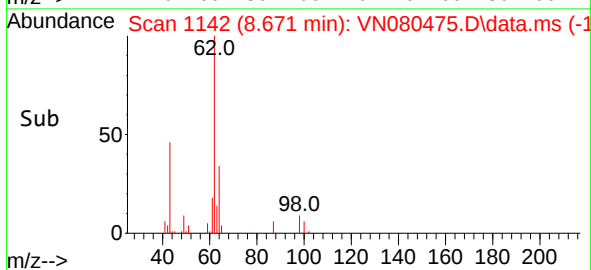
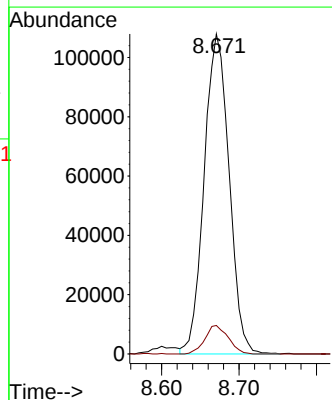
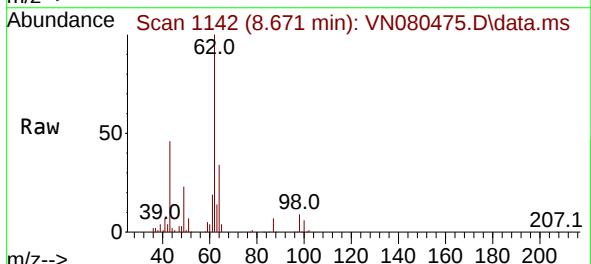
Manual Integrations
APPROVED

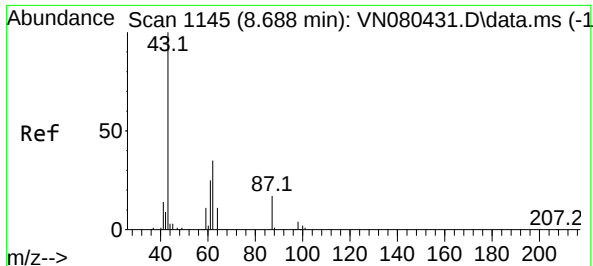
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 51.534 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

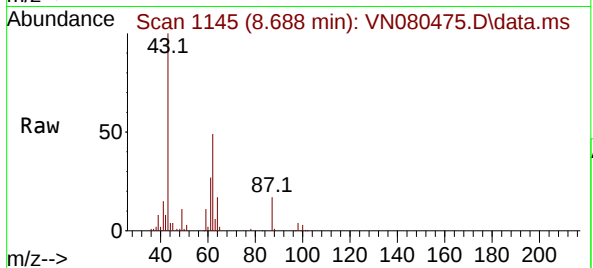
Tgt Ion:	62	Resp:	241608
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	19.8





#43
Isopropyl Acetate
Concen: 47.600 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

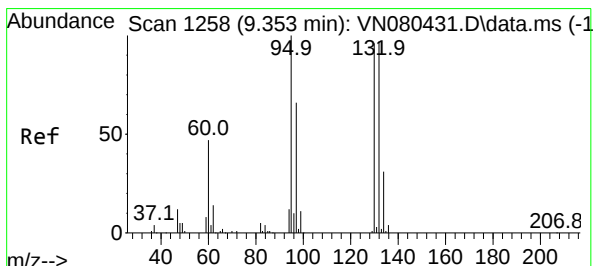
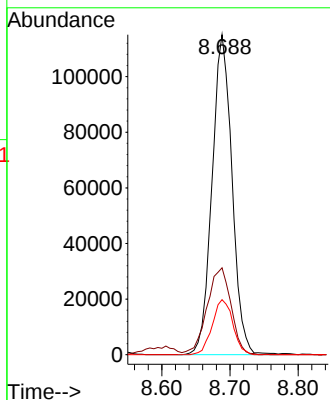
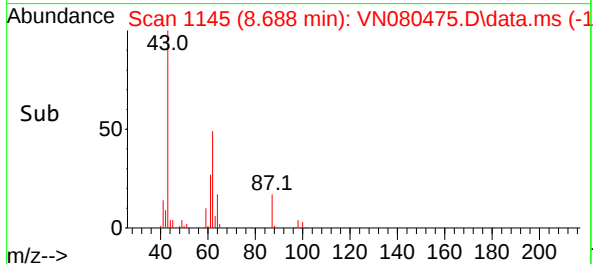
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



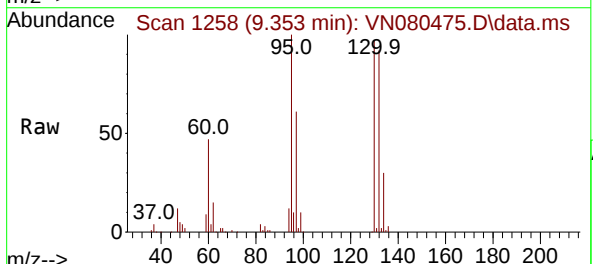
Tgt Ion: 43 Resp: 234980
Ion Ratio Lower Upper
43 100
61 32.5 24.7 37.1
87 17.7 14.6 21.8

Manual Integrations
APPROVED

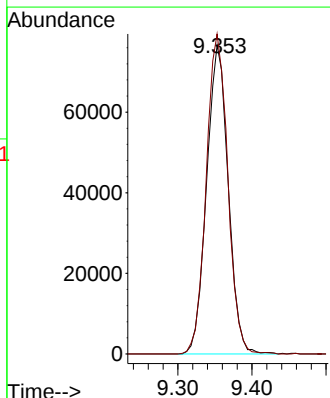
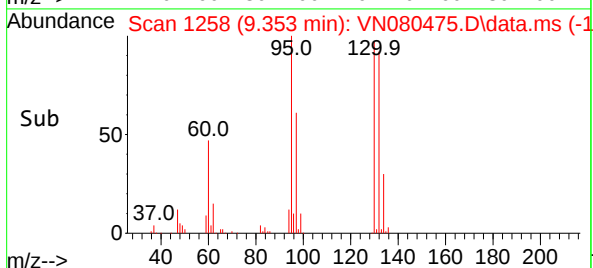
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

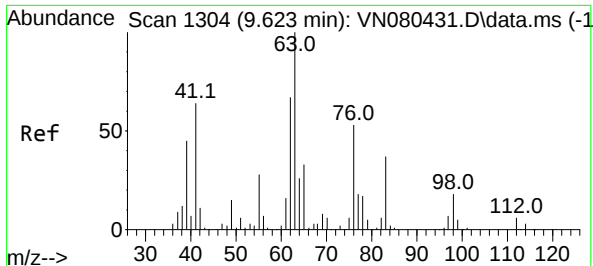


#44
Trichloroethene
Concen: 45.442 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



Tgt Ion:130 Resp: 155101
Ion Ratio Lower Upper
130 100
95 103.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 47.406 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14096

Ion Ratio Lower Upper

63 100

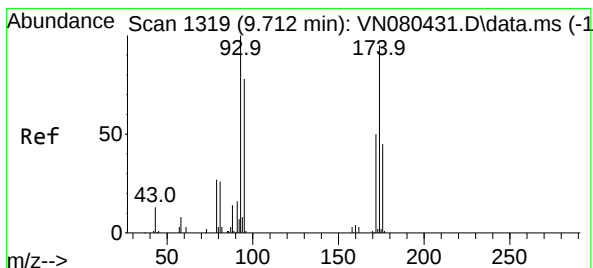
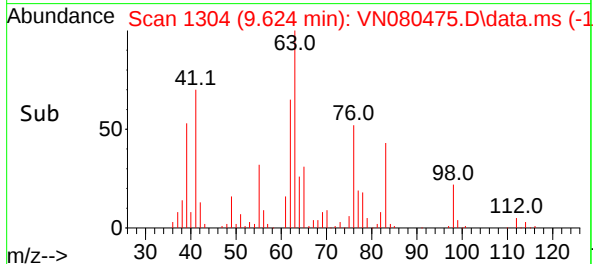
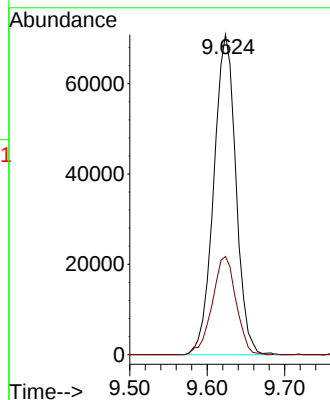
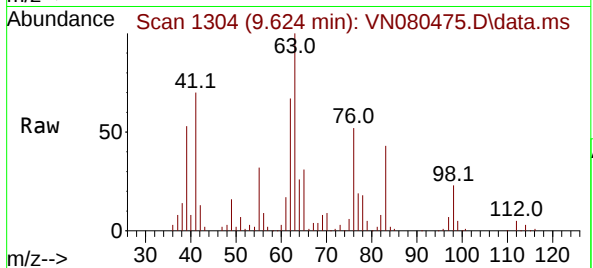
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 48.916 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

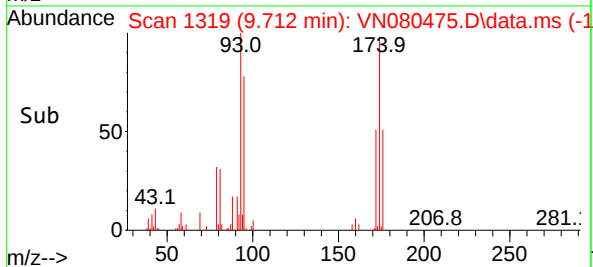
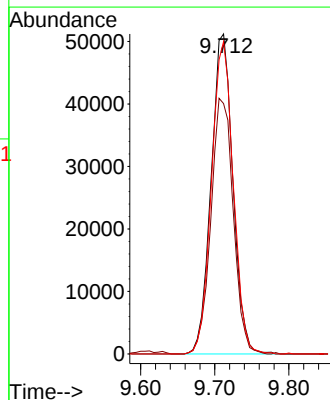
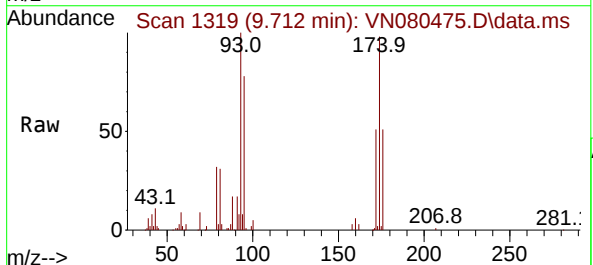
Tgt Ion: 93 Resp: 104458

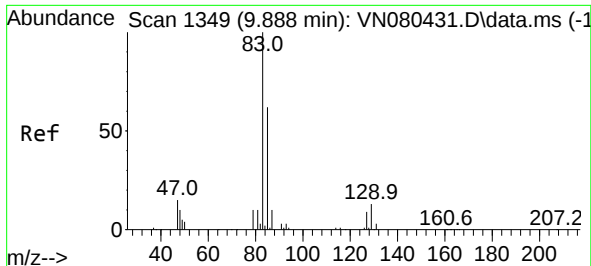
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

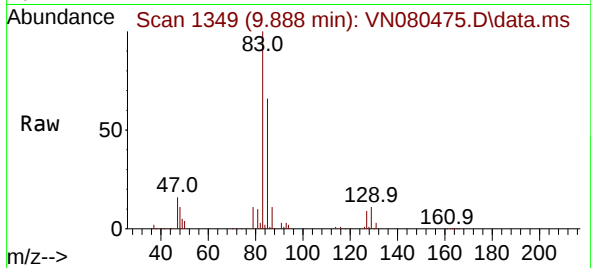
174 97.7 65.6 98.4





#47
Bromodichloromethane
Concen: 51.062 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

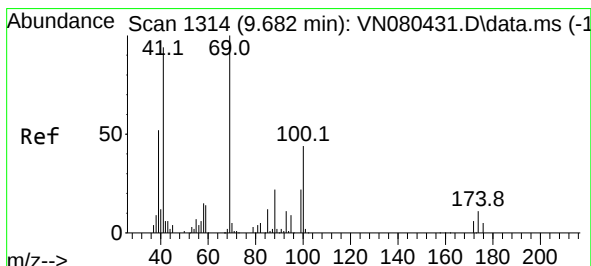
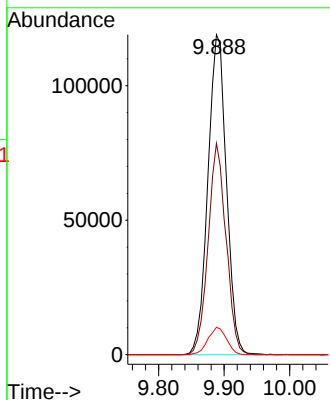
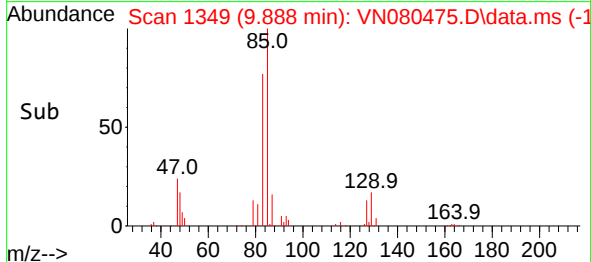
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



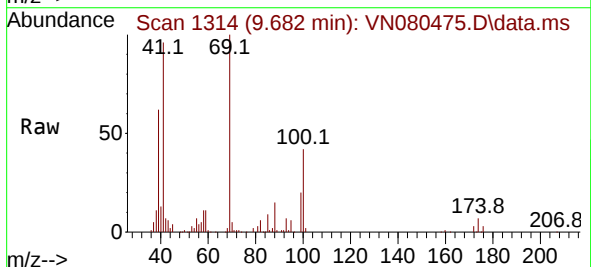
Tgt Ion: 83 Resp: 233692
Ion Ratio Lower Upper
83 100
85 66.0 49.6 74.4
127 8.5 7.0 10.6

Manual Integrations
APPROVED

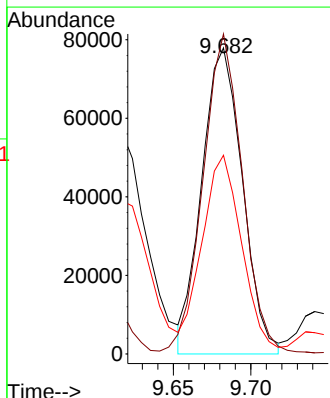
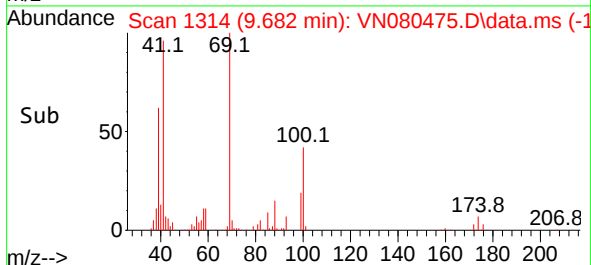
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

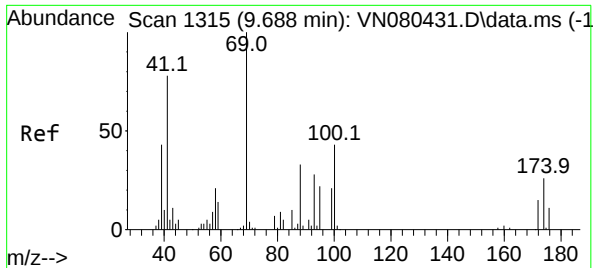


#48
Methyl methacrylate
Concen: 48.190 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



Tgt Ion: 41 Resp: 141963
Ion Ratio Lower Upper
41 100
69 102.3 90.4 135.6
39 64.0 54.6 81.8





#49

1,4-Dioxane

Concen: 890.623 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3976

Ion Ratio Lower Upper

88 100

43 28.3 17.0 25.6

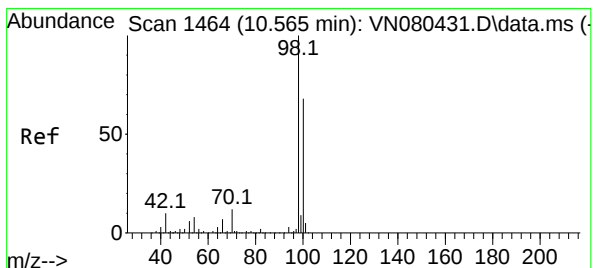
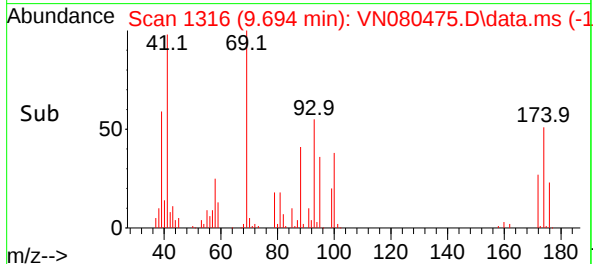
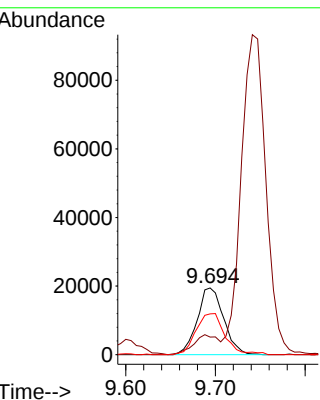
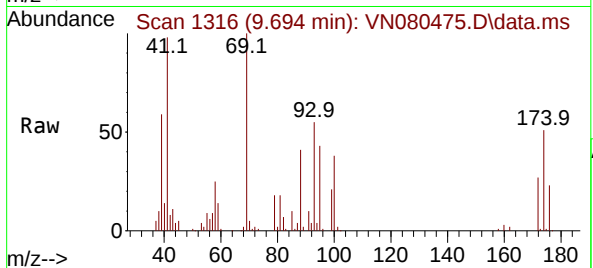
58 67.4 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#50

Toluene-d8

Concen: 52.649 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080475.D

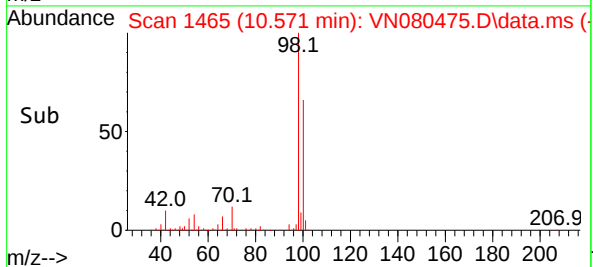
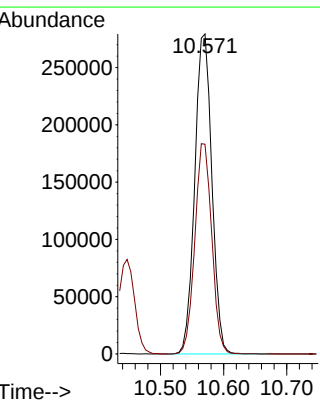
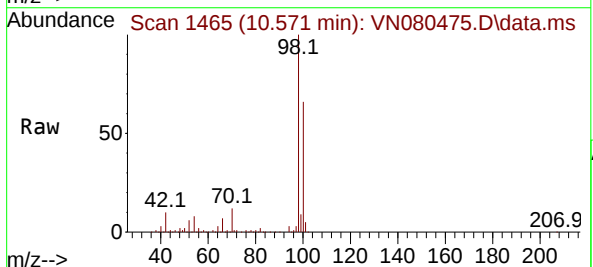
Acq: 13 Dec 2023 20:25

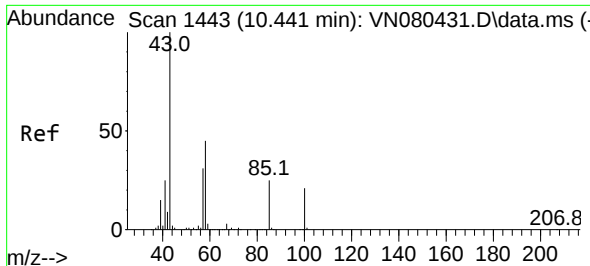
Tgt Ion: 98 Resp: 526516

Ion Ratio Lower Upper

98 100

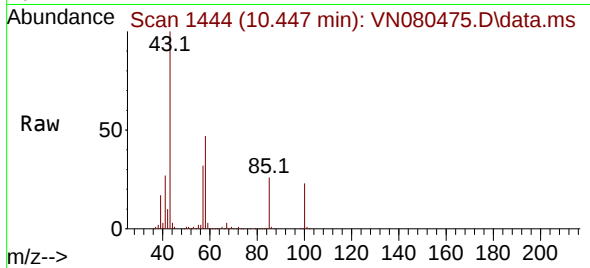
100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 246.382 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

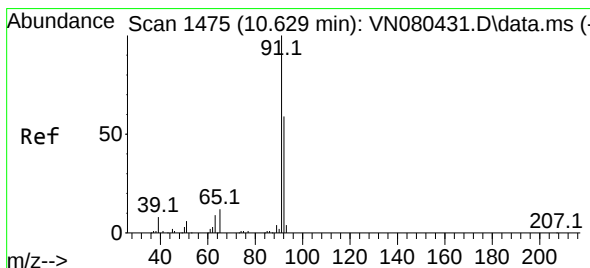
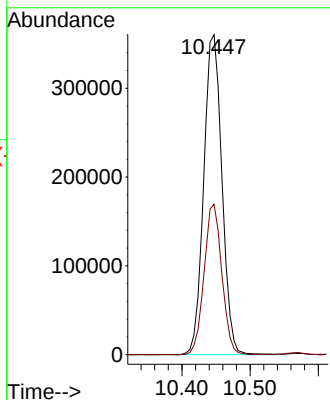
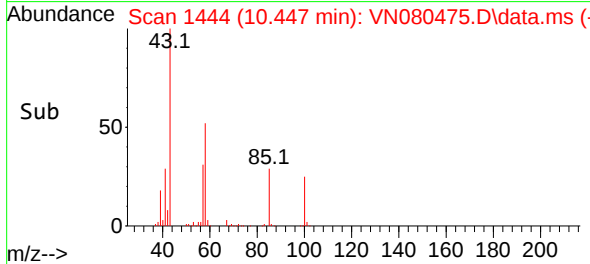
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 66985
Ion Ratio Lower Upper
43 100
58 45.8 36.6 54.8

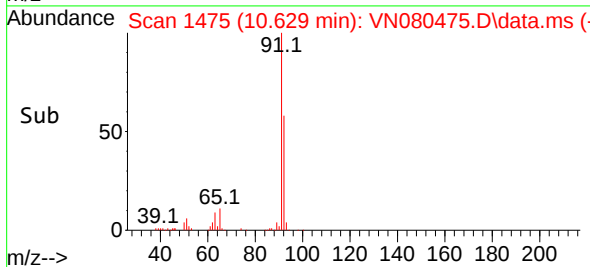
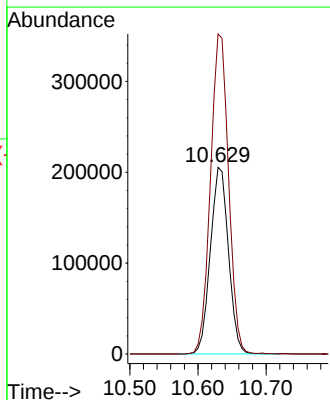
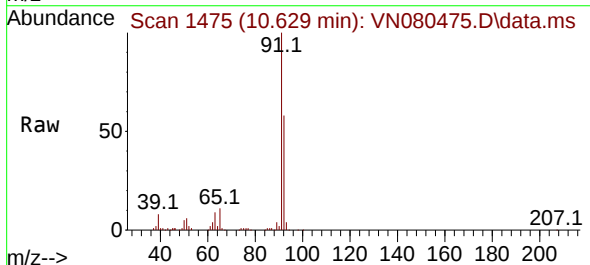
Manual Integrations
APPROVED

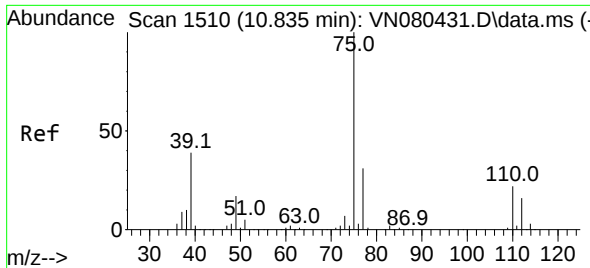
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 47.474 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

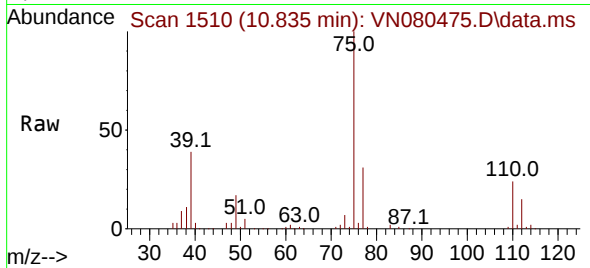
Tgt Ion: 92 Resp: 379706
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 48.927 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

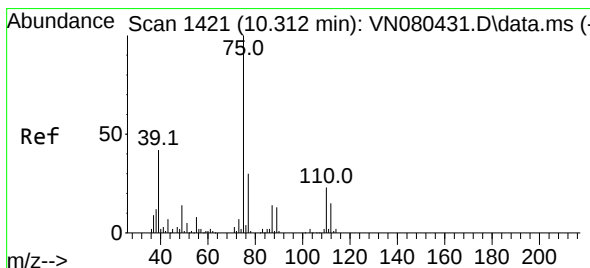
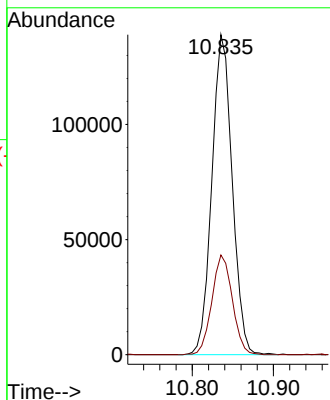
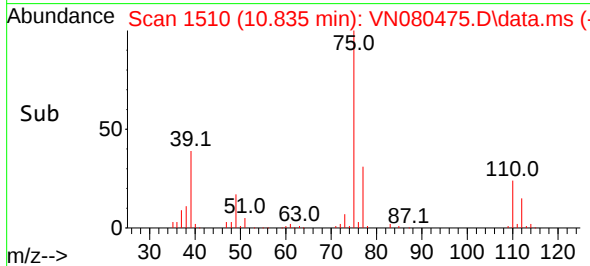
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



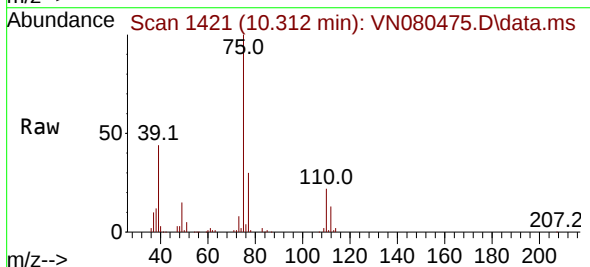
Tgt Ion: 75 Resp: 242273
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

Manual Integrations
APPROVED

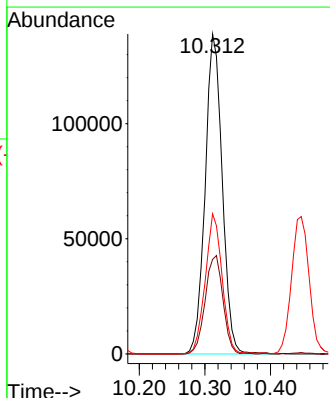
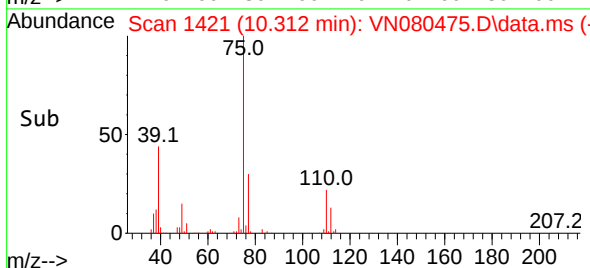
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

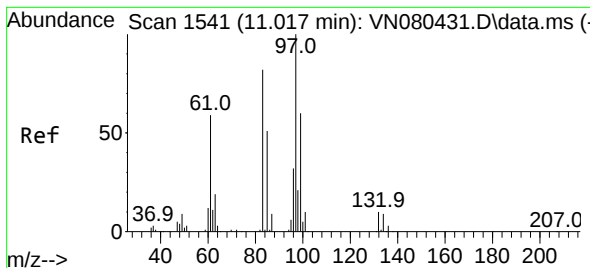


#54
cis-1,3-Dichloropropene
Concen: 47.550 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



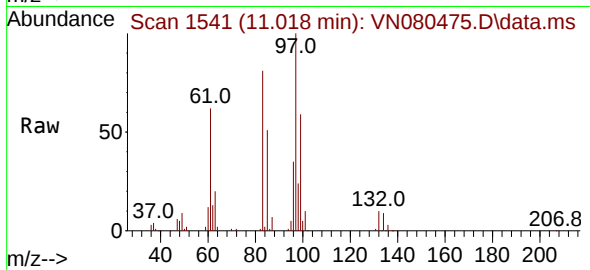
Tgt Ion: 75 Resp: 251664
Ion Ratio Lower Upper
75 100
77 29.5 26.1 39.1
39 43.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.581 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

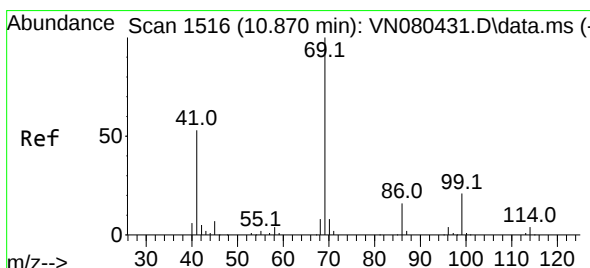
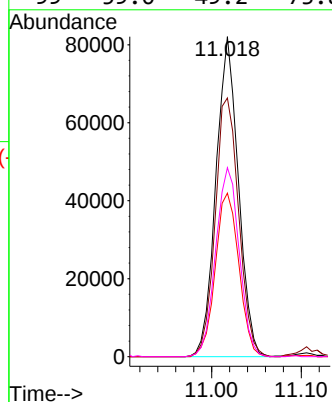
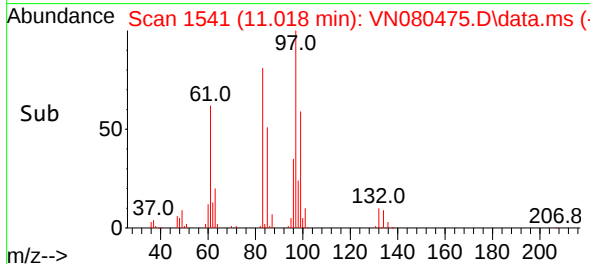
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



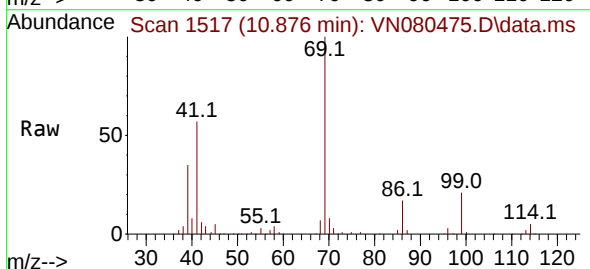
Tgt Ion: 97	Resp: 142689
Ion Ratio	Lower Upper
97 100	
83 80.9	65.1 97.7
85 51.1	43.4 65.2
99 59.0	49.2 73.8

Manual Integrations
APPROVED

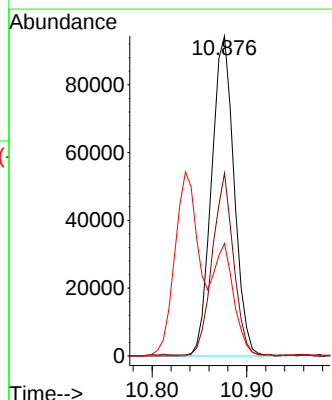
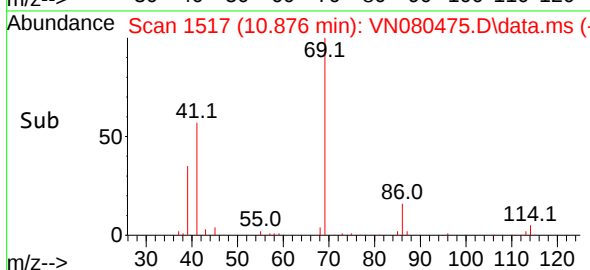
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

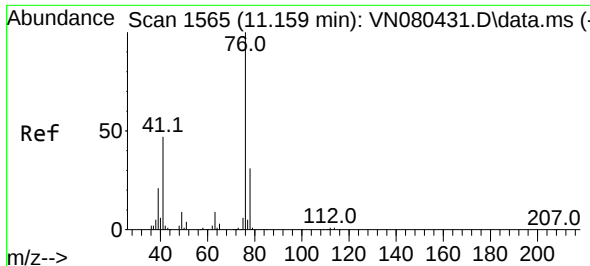


#56
Ethyl methacrylate
Concen: 48.985 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



Tgt Ion: 69	Resp: 156078
Ion Ratio	Lower Upper
69 100	
41 53.9	39.6 59.4
39 31.3	28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.392 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 249179

Ion Ratio Lower Upper

76 100

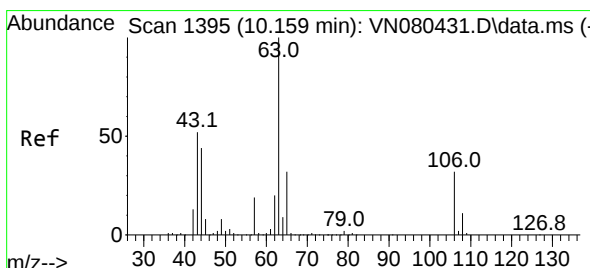
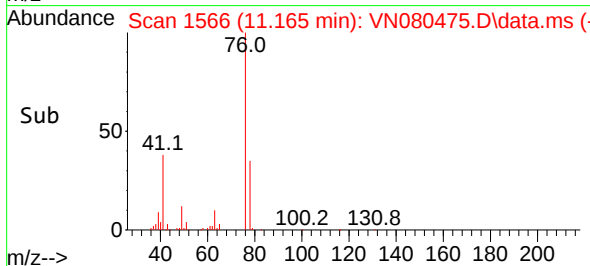
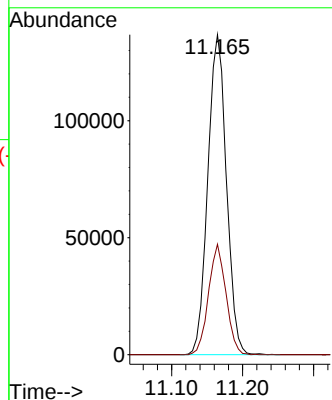
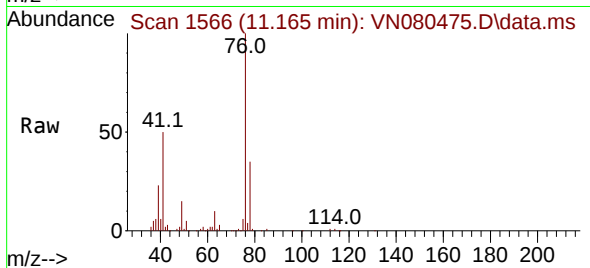
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 234.503 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080475.D

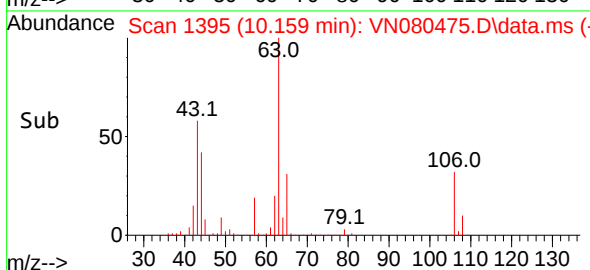
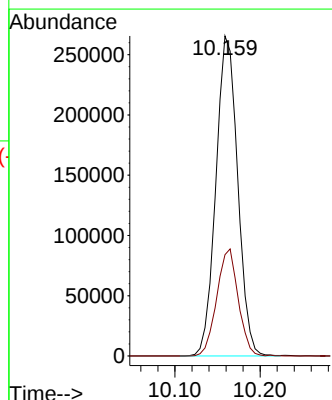
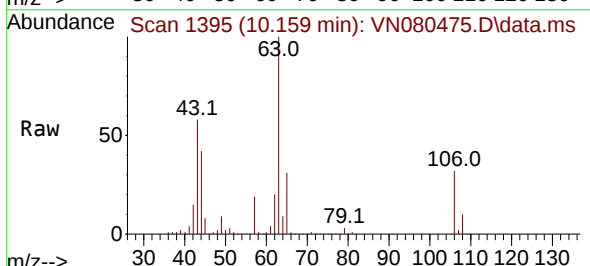
Acq: 13 Dec 2023 20:25

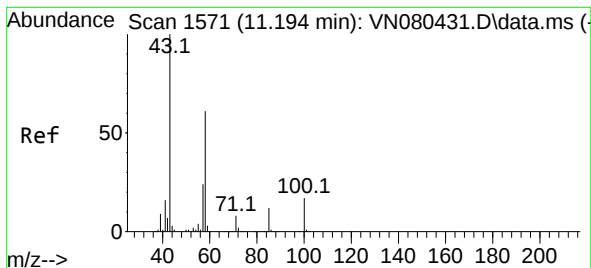
Tgt Ion: 63 Resp: 471697

Ion Ratio Lower Upper

63 100

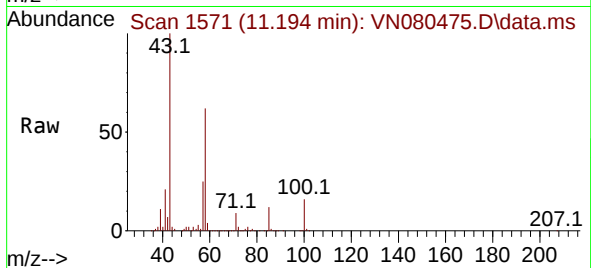
106 32.9 26.2 39.4





#59
2-Hexanone
Concen: 243.550 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

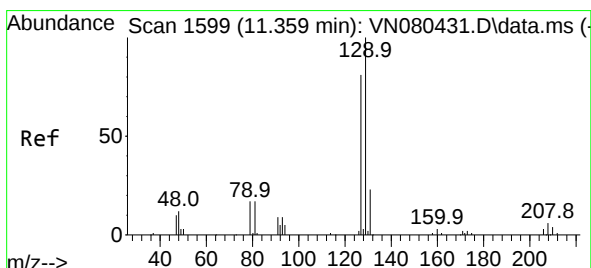
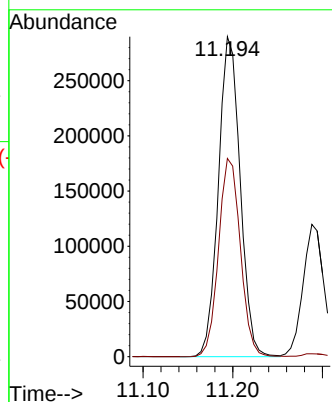
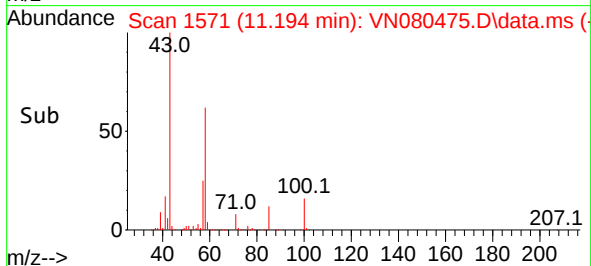
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 48883
Ion Ratio Lower Upper
43 100
58 62.1 31.7 95.1

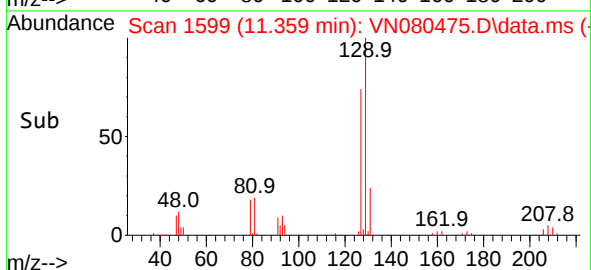
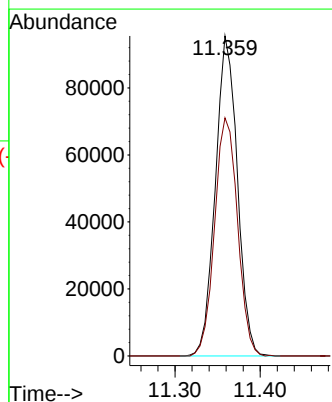
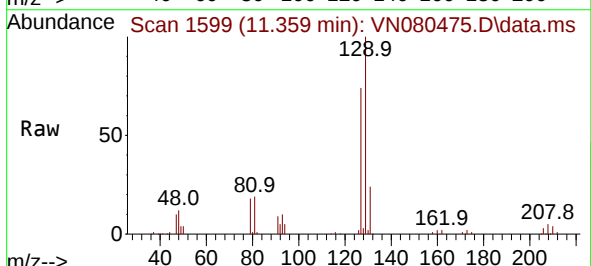
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#60
Dibromochloromethane
Concen: 50.260 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

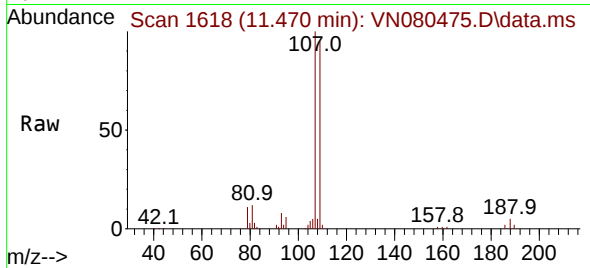
Tgt Ion:129 Resp: 171396
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.133 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

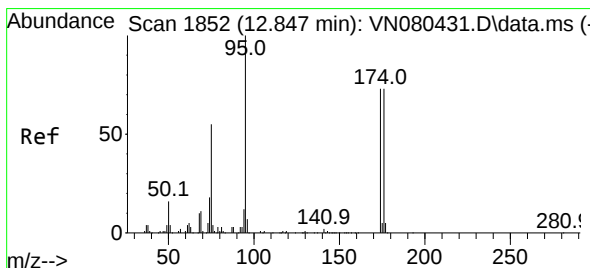
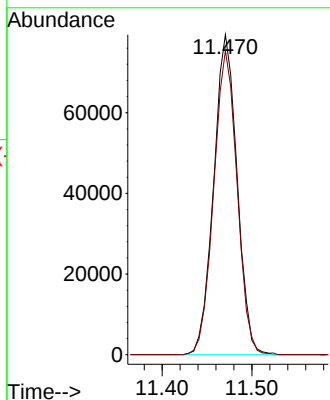
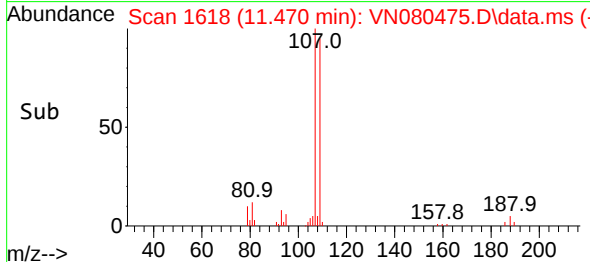
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



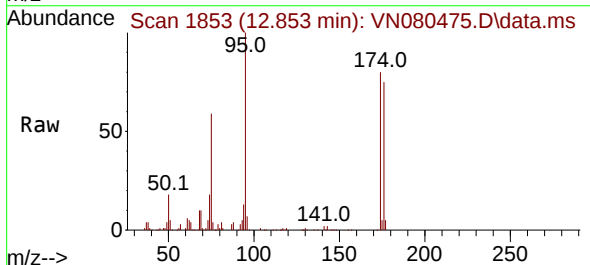
Tgt Ion:107 Resp: 143368
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8

Manual Integrations
APPROVED

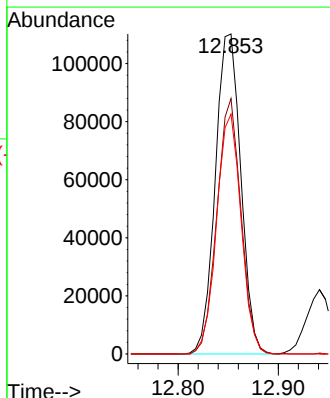
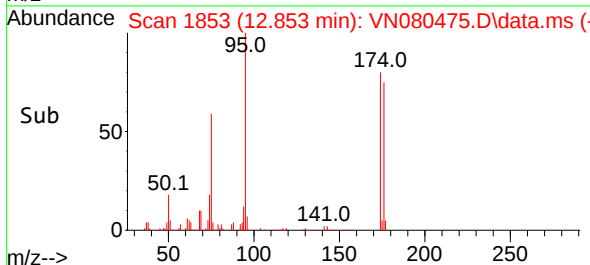
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

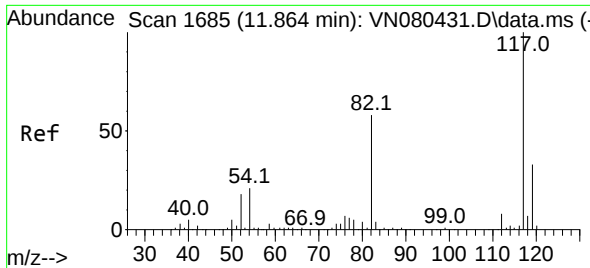


#62
4-Bromofluorobenzene
Concen: 51.248 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



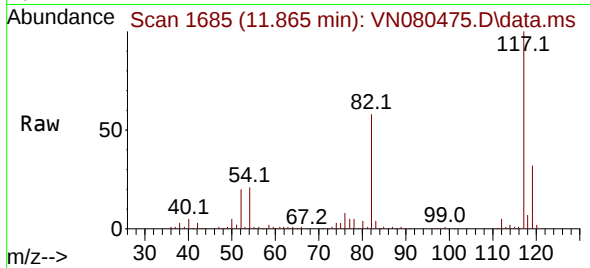
Tgt Ion: 95 Resp: 194612
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

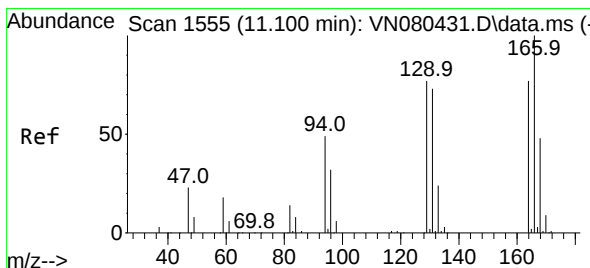
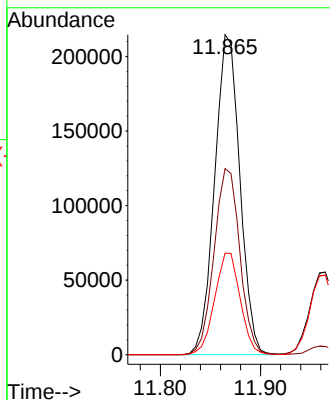
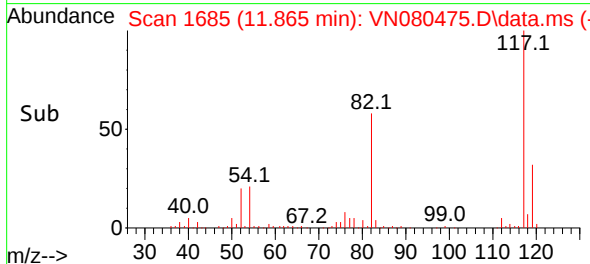
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



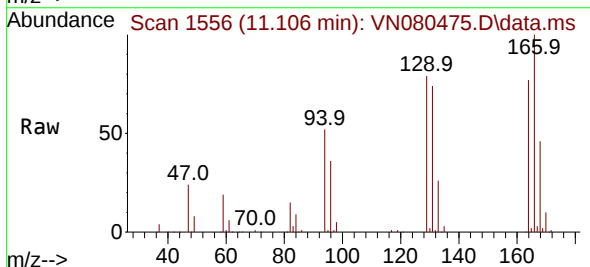
Tgt Ion:117 Resp: 376010
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 31.7 25.6 38.4

Manual Integrations
APPROVED

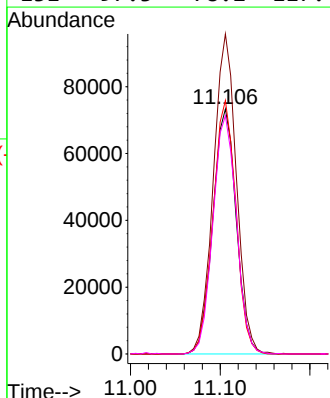
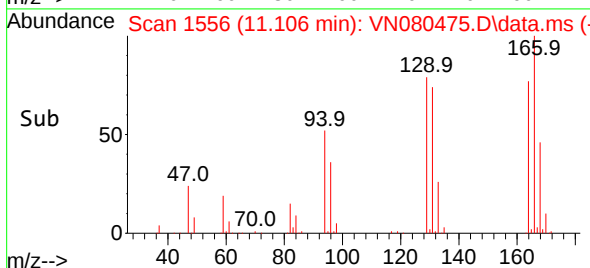
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

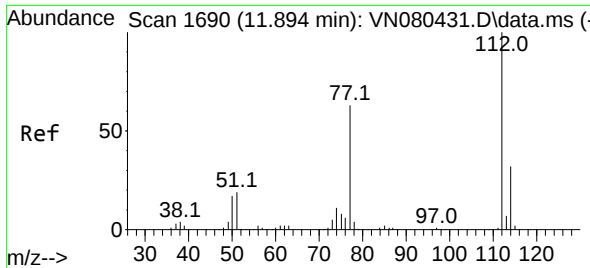


#64
Tetrachloroethene
Concen: 45.726 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



Tgt Ion:164 Resp: 132750
Ion Ratio Lower Upper
164 100
166 130.7 101.4 152.0
129 103.5 82.4 123.6
131 97.3 78.2 117.4





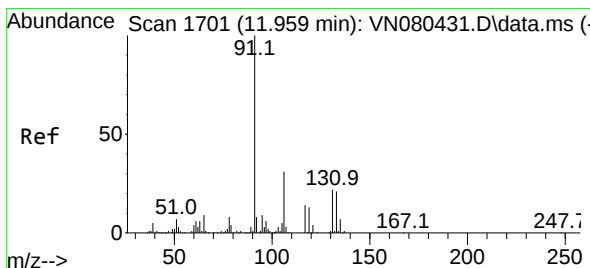
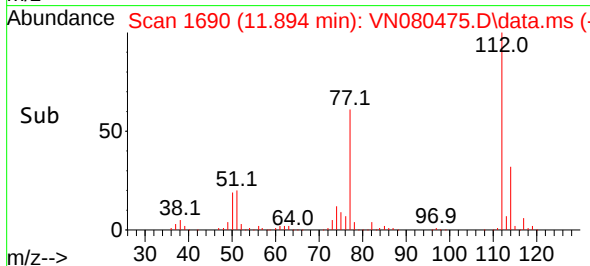
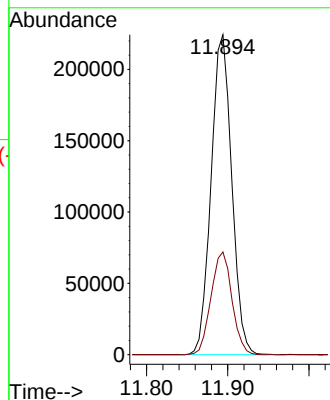
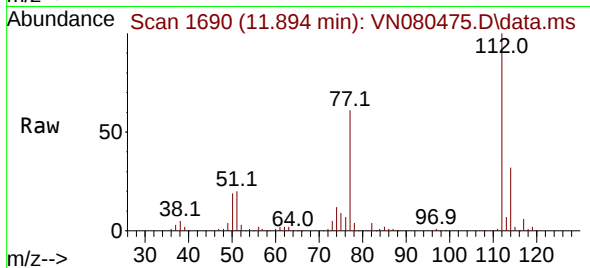
#65
Chlorobenzene
Concen: 47.314 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 39576
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

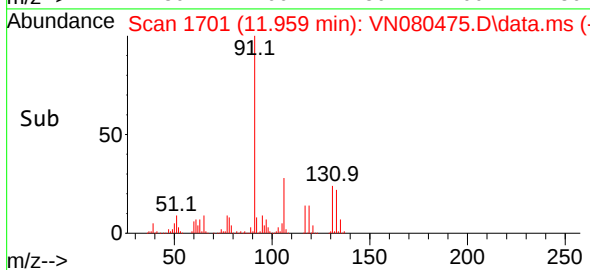
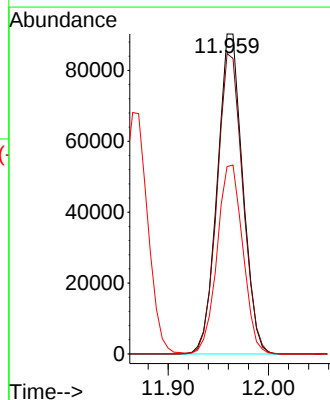
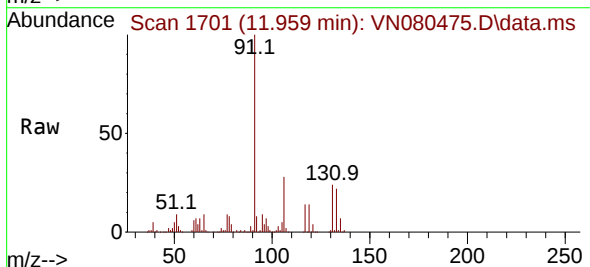
Manual Integrations
APPROVED

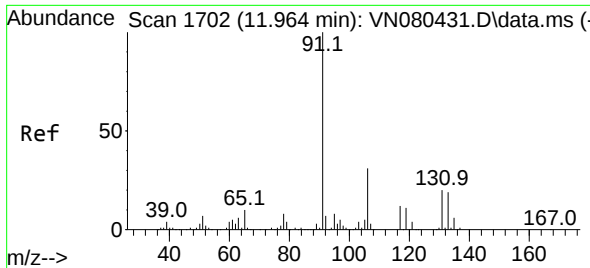
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.277 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

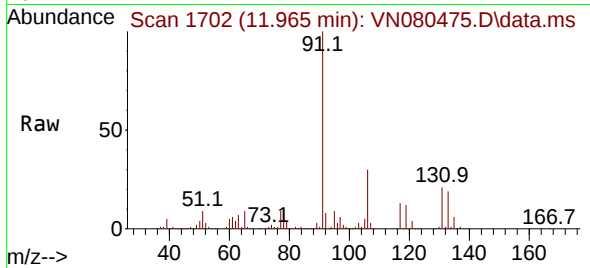
Tgt Ion:131 Resp: 158452
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 59.9 34.1 102.2





#67
Ethyl Benzene
Concen: 46.956 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

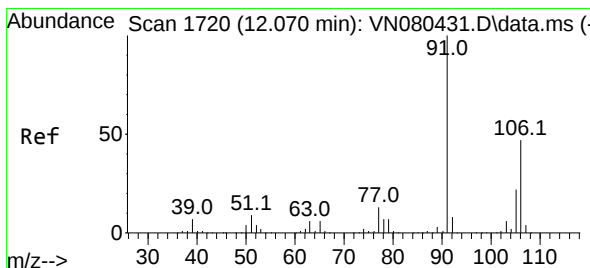
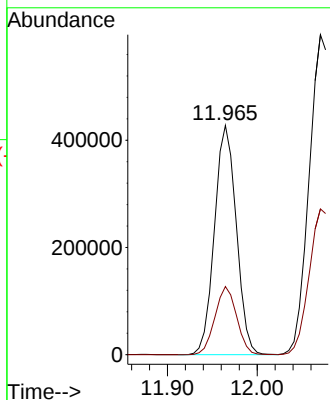
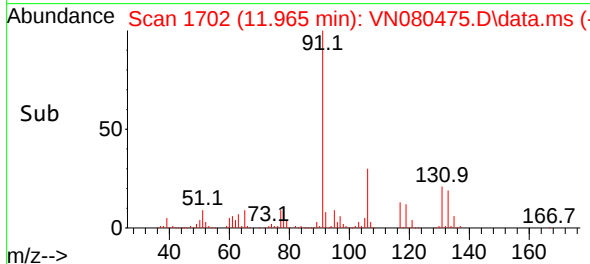
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 722198
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

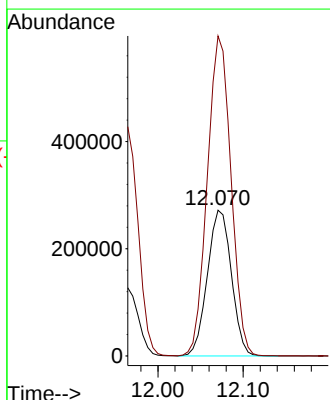
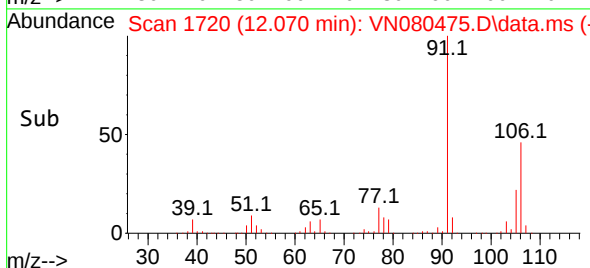
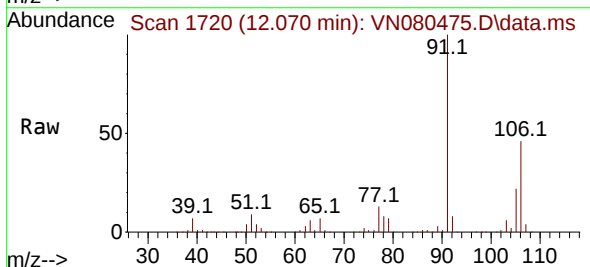
Manual Integrations
APPROVED

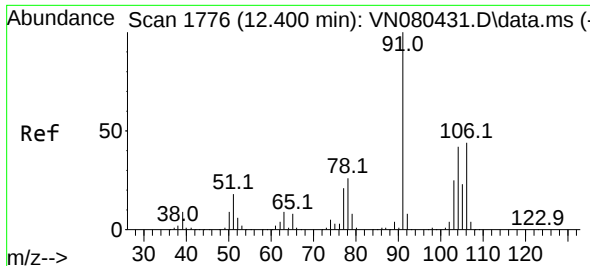
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#68
m/p-Xylenes
Concen: 93.838 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Tgt Ion:106 Resp: 533317
Ion Ratio Lower Upper
106 100
91 216.5 159.6 239.4





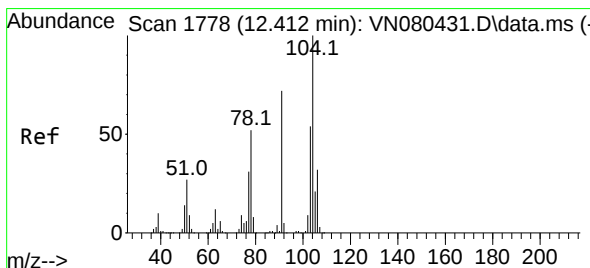
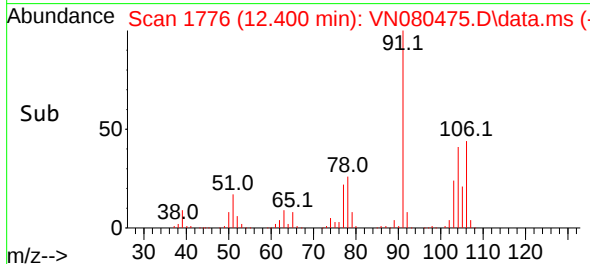
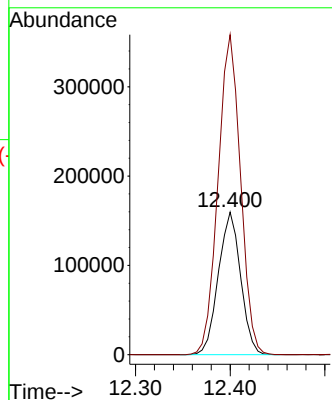
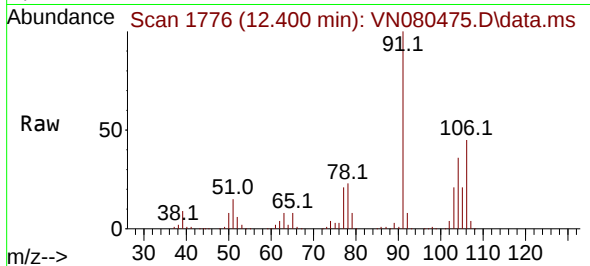
#69
o-Xylene
Concen: 46.858 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 26048
Ion Ratio Lower Upper
106 100
91 226.9 105.2 315.5

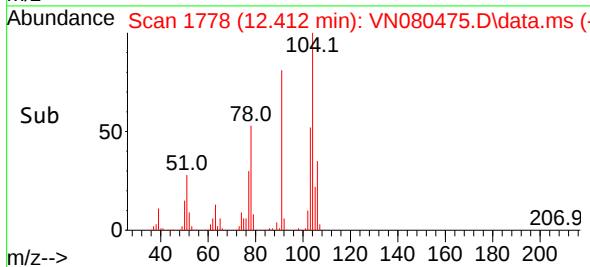
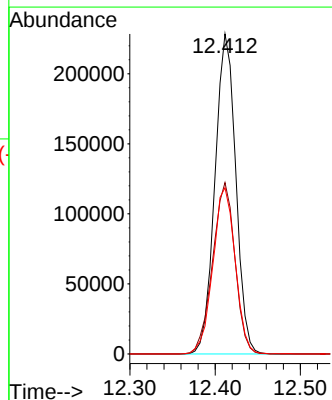
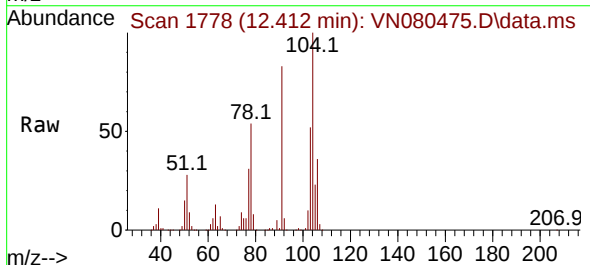
Manual Integrations
APPROVED

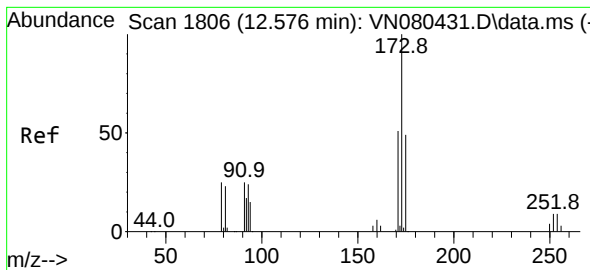
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 48.498 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Tgt Ion:104 Resp: 388341
Ion Ratio Lower Upper
104 100
78 57.3 39.5 59.3
103 55.6 43.2 64.8





#71

Bromoform

Concen: 47.632 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

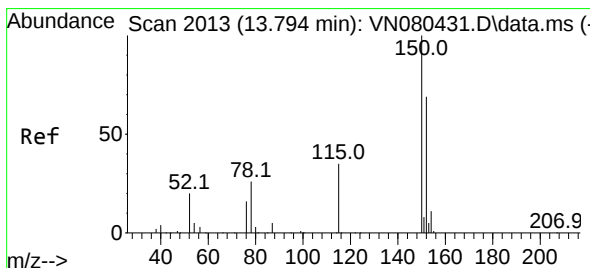
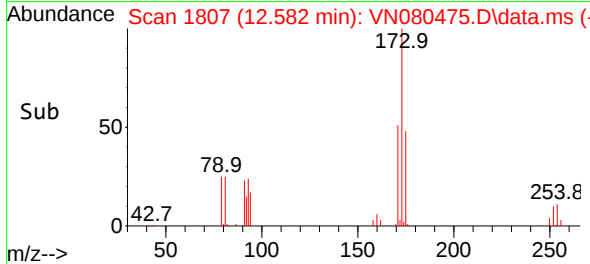
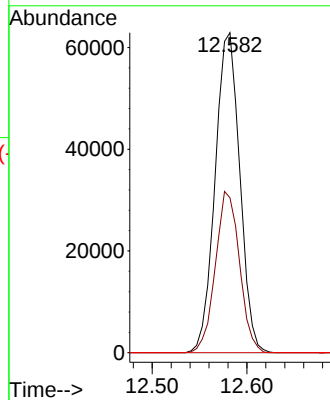
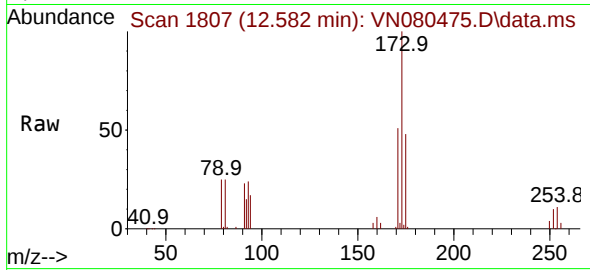
Tgt Ion:173 Resp: 114005
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

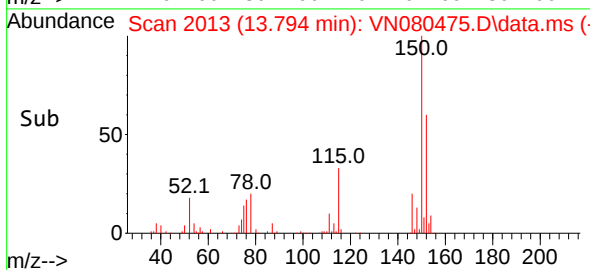
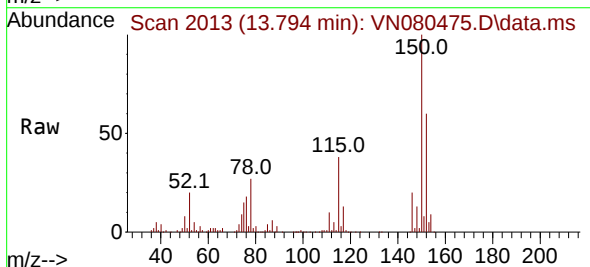
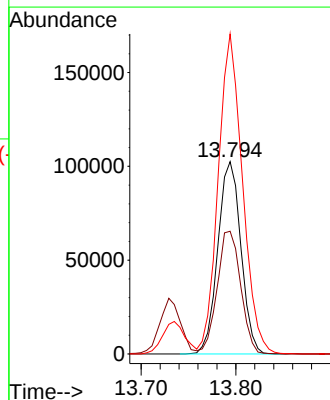
RT: 13.794 min Scan# 2013

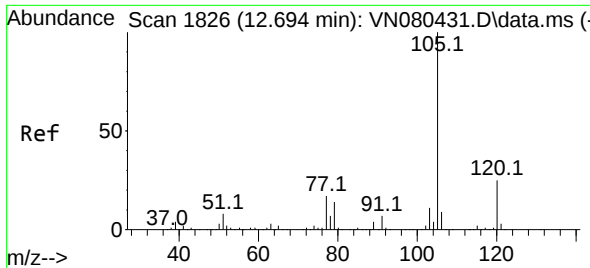
Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Tgt Ion:152 Resp: 173705
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.3 96.8
 150 174.9 0.0 355.8





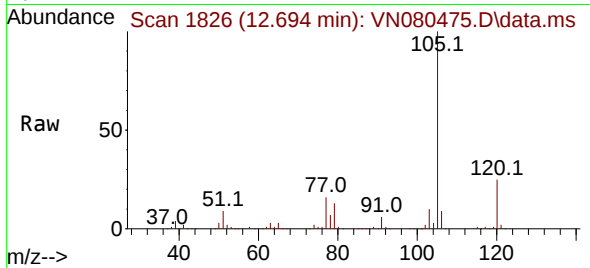
#73
Isopropylbenzene
Concen: 48.992 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



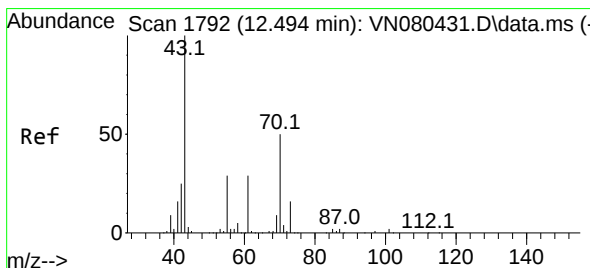
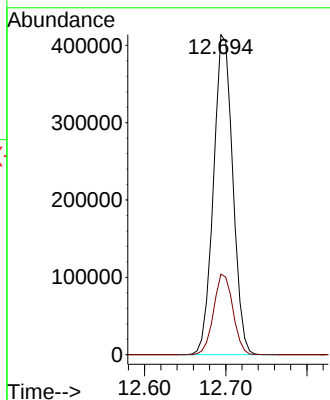
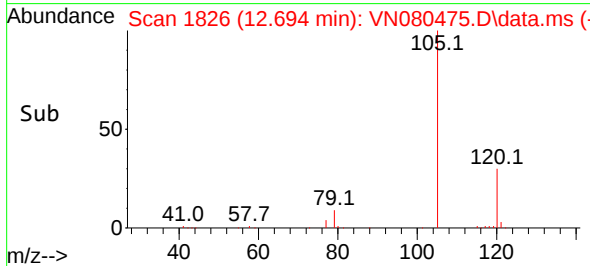
Tgt Ion:105 Resp: 68363
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

Manual Integrations

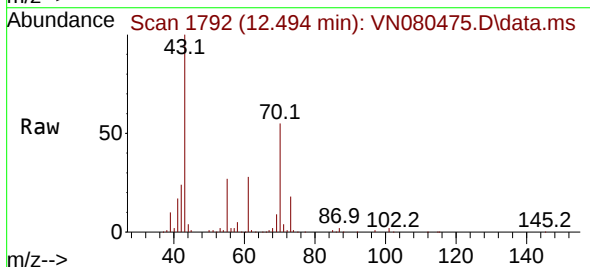
APPROVED

Reviewed By :John Carlone 12/14/2023

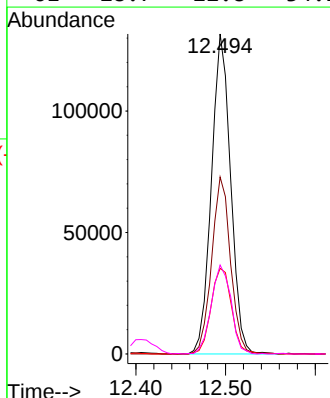
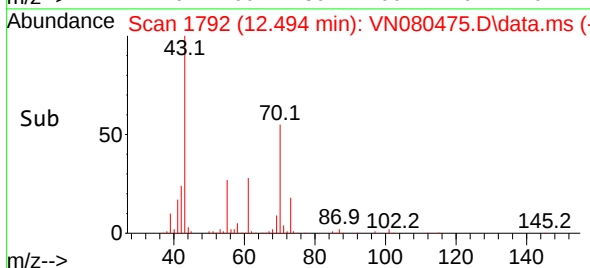
Supervised By :Mahesh Dadoda 12/14/2023

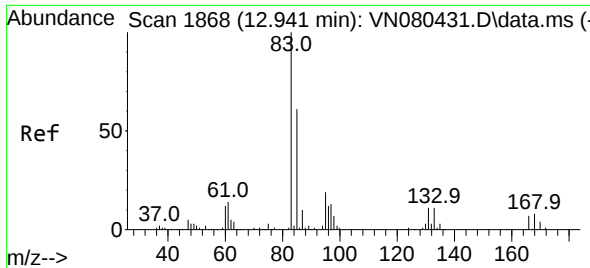


#74
N-ethyl acetate
Concen: 48.026 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



Tgt Ion: 43 Resp: 195701
Ion Ratio Lower Upper
43 100
70 54.4 43.4 65.2
55 28.6 21.4 32.0
61 28.7 22.8 34.2





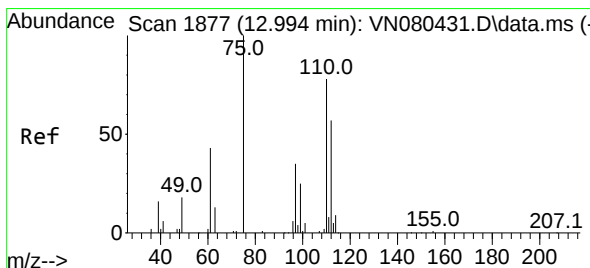
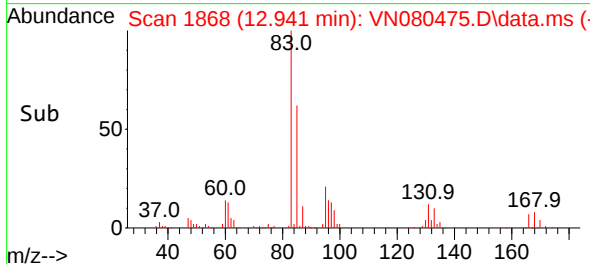
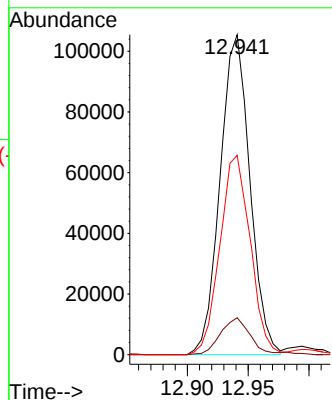
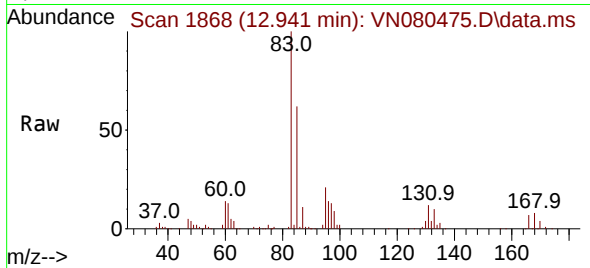
#75
1,1,2,2-Tetrachloroethane
Concen: 48.081 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 179784
Ion Ratio Lower Upper
83 100
131 11.8 5.0 15.0
85 63.6 31.9 95.7

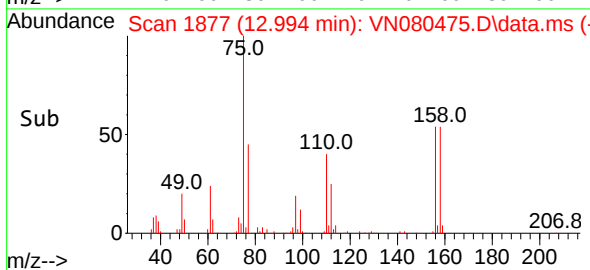
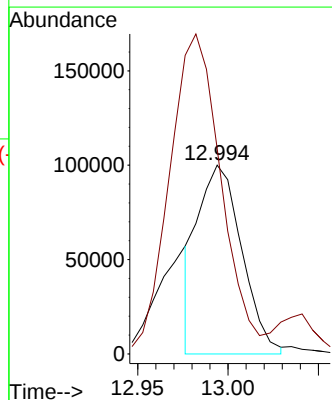
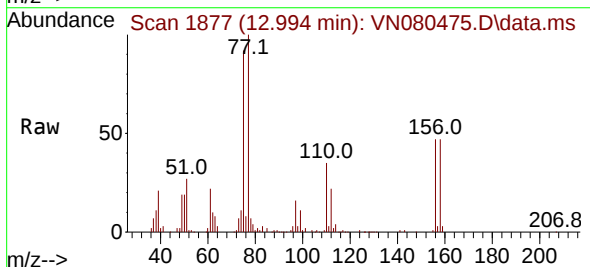
Manual Integrations
APPROVED

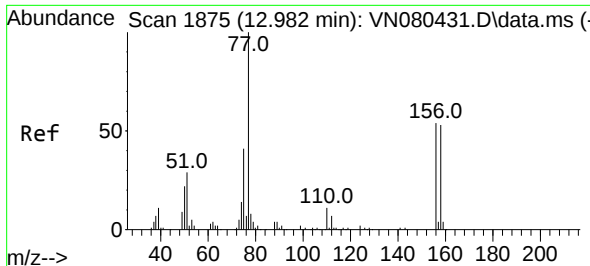
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#76
1,2,3-Trichloropropane
Concen: 48.708 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Tgt Ion: 75 Resp: 168789
Ion Ratio Lower Upper
75 100
77 199.8 84.5 253.5





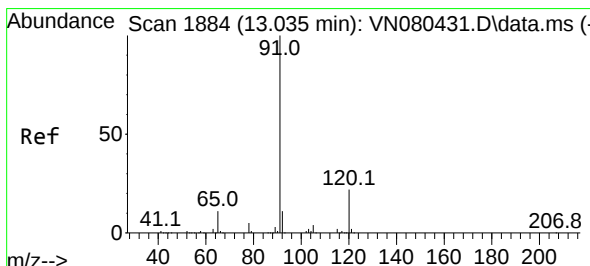
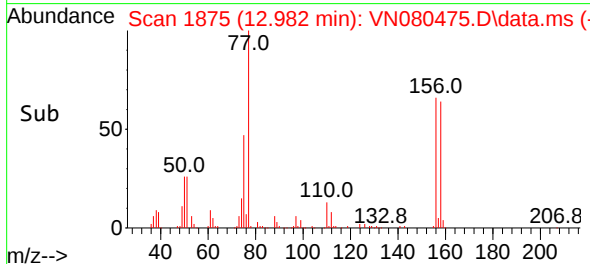
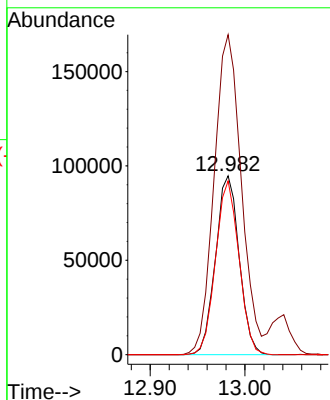
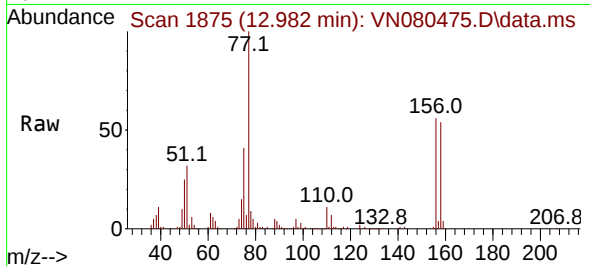
#77
Bromobenzene
Concen: 47.836 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 16420
Ion Ratio Lower Upper
156 100
77 205.4 107.7 323.3
158 96.0 48.4 145.3

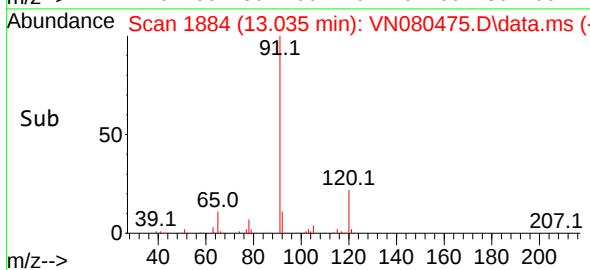
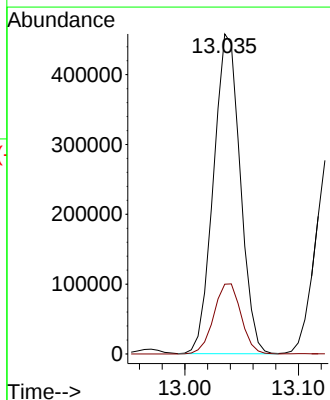
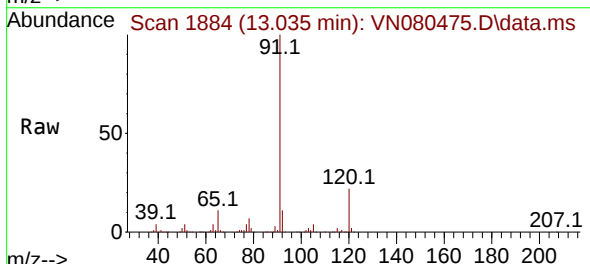
Manual Integrations
APPROVED

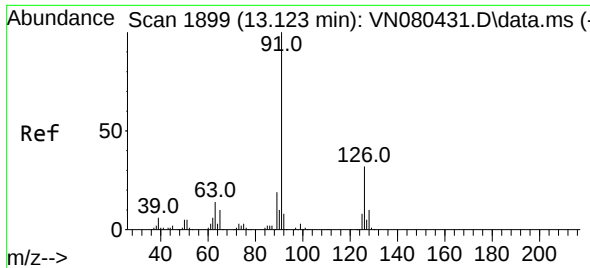
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#78
n-propylbenzene
Concen: 48.736 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Tgt Ion: 91 Resp: 749815
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





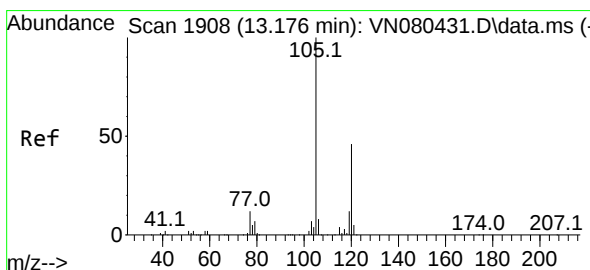
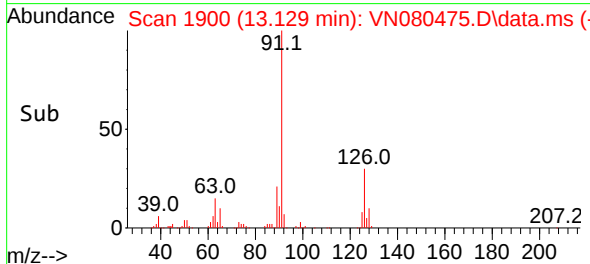
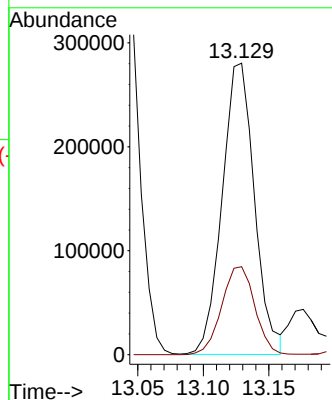
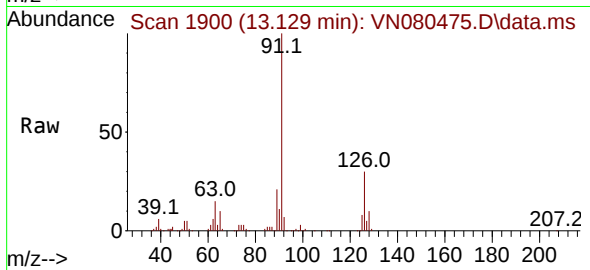
#79
2-Chlorotoluene
Concen: 47.845 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 48057
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.8

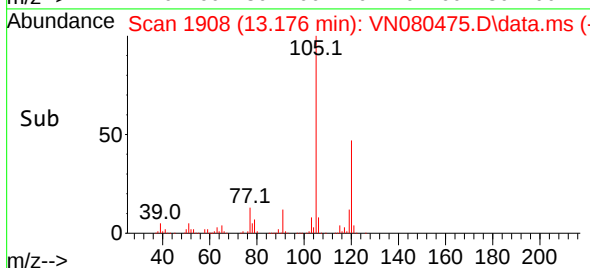
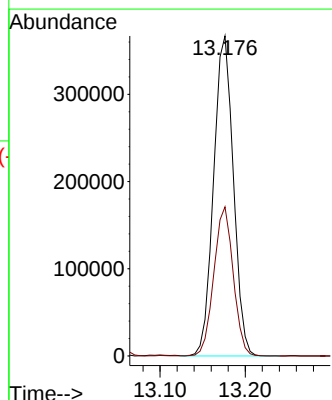
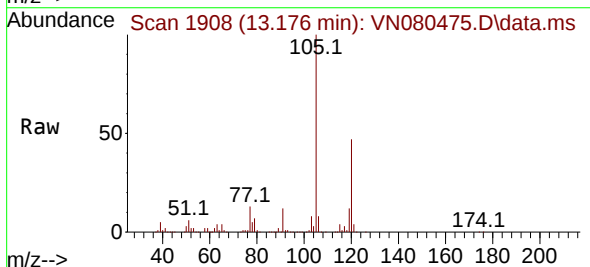
Manual Integrations
APPROVED

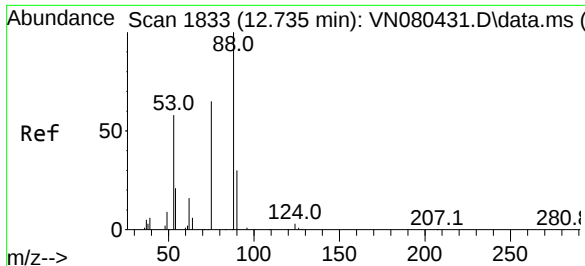
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.165 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

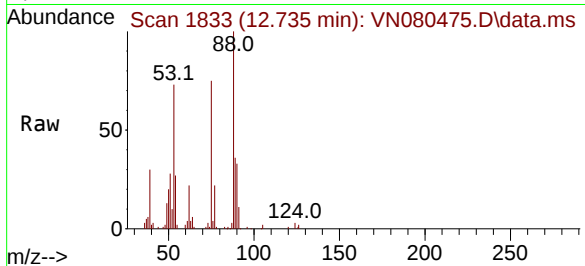
Tgt Ion:105 Resp: 590867
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.902 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

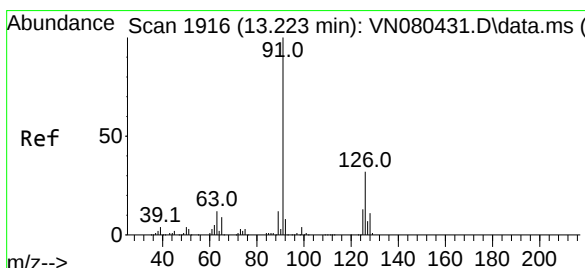
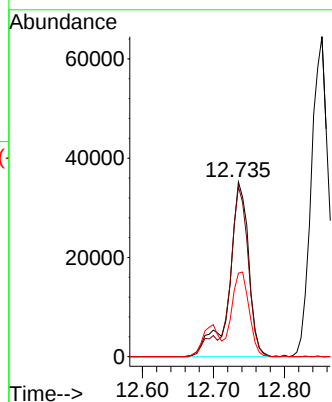
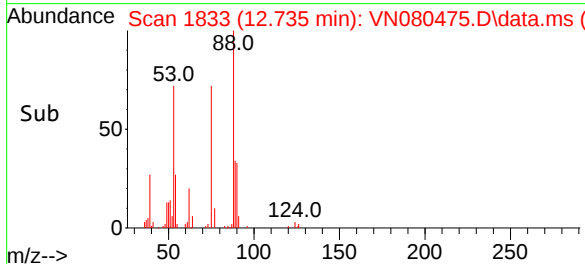
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6718
Ion Ratio Lower Upper
75 100
53 94.6 67.4 101.2
89 43.4 38.8 58.2

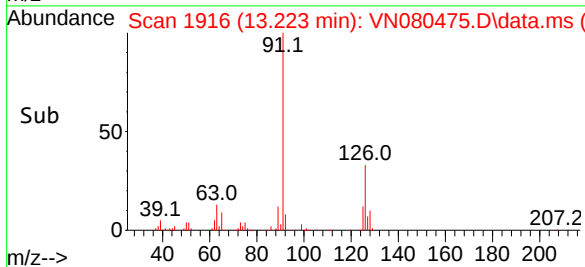
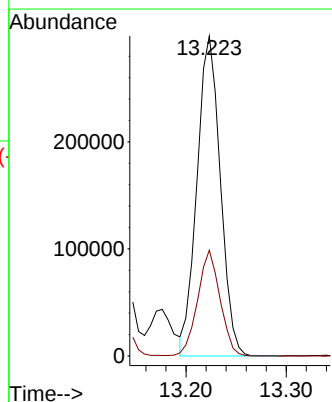
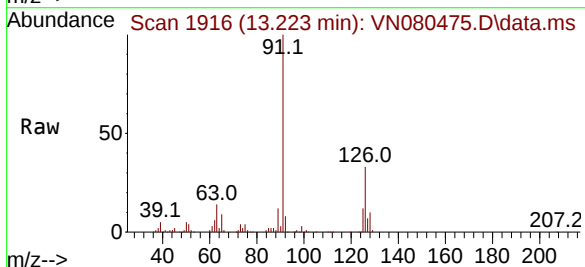
Manual Integrations
APPROVED

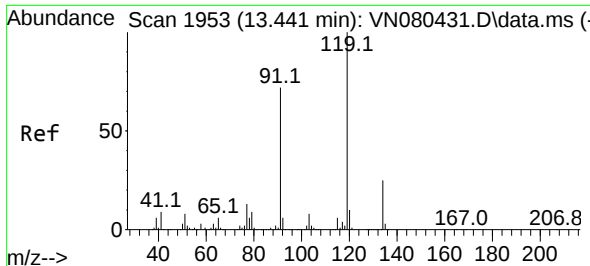
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 46.912 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

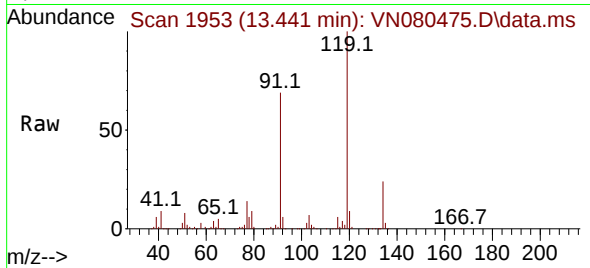
Tgt Ion: 91 Resp: 484340
Ion Ratio Lower Upper
91 100
126 31.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.564 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

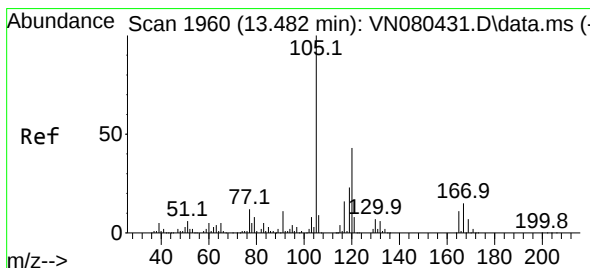
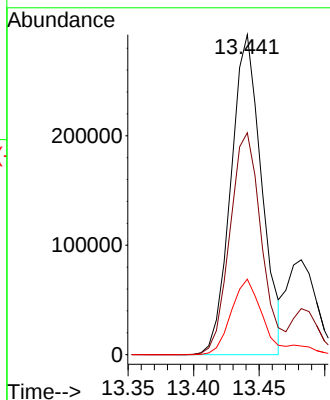
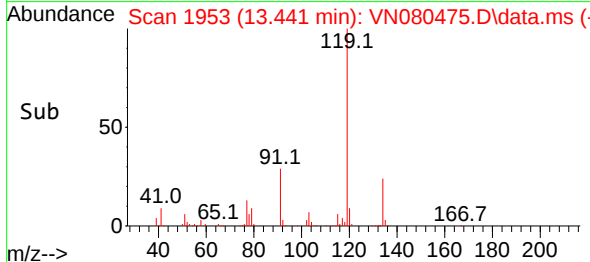
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



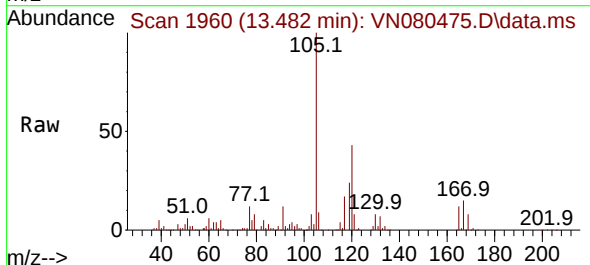
Tgt Ion:119 Resp: 477980
Ion Ratio Lower Upper
119 100
91 71.6 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
APPROVED

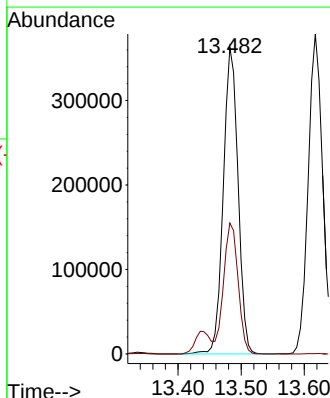
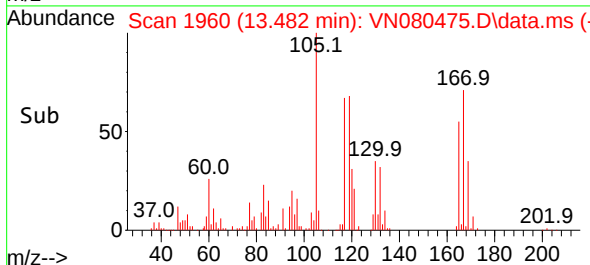
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

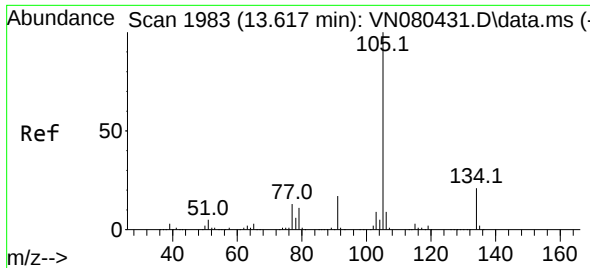


#84
1,2,4-Trimethylbenzene
Concen: 49.335 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25



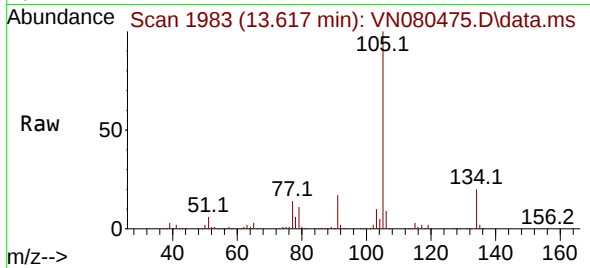
Tgt Ion:105 Resp: 589845
Ion Ratio Lower Upper
105 100
120 41.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.854 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080475.D
 Acq: 13 Dec 2023 20:25

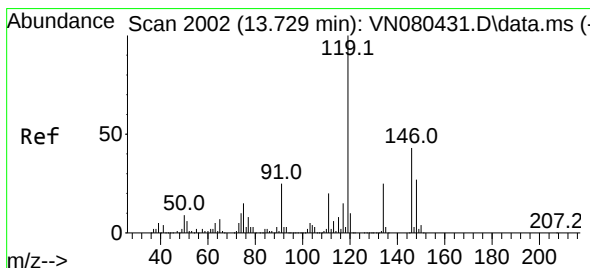
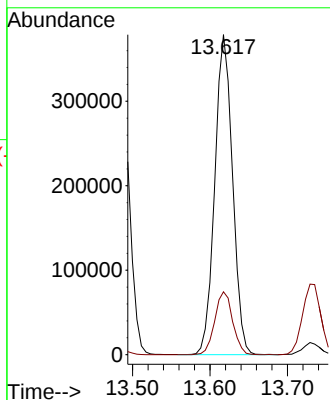
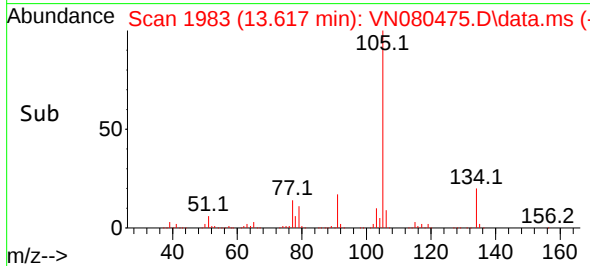
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



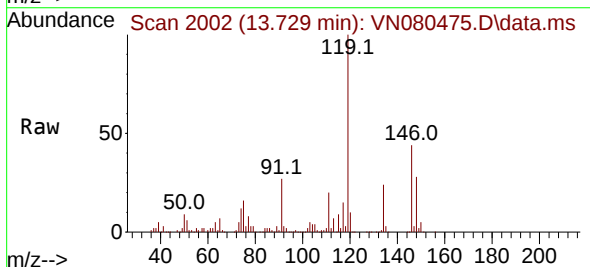
Tgt Ion:105 Resp: 60250
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
 APPROVED

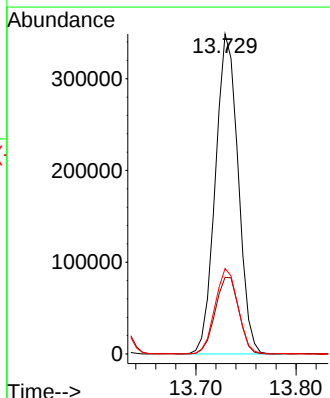
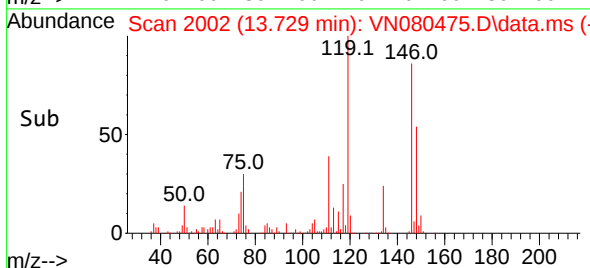
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

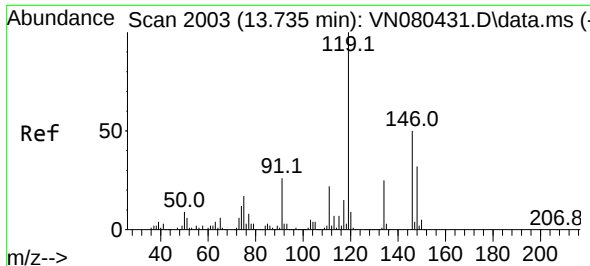


#86
 p-Isopropyltoluene
 Concen: 48.356 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080475.D
 Acq: 13 Dec 2023 20:25



Tgt Ion:119 Resp: 549726
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 26.8 12.4 37.2





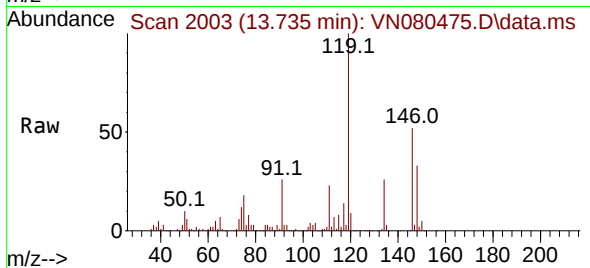
#87
1,3-Dichlorobenzene
Concen: 46.326 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



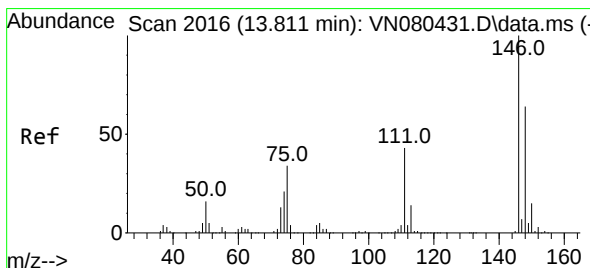
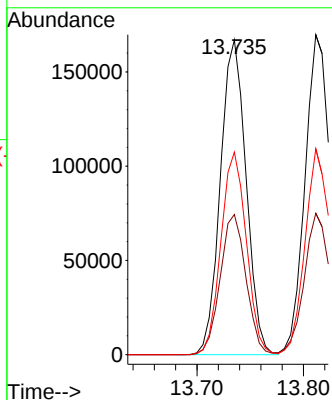
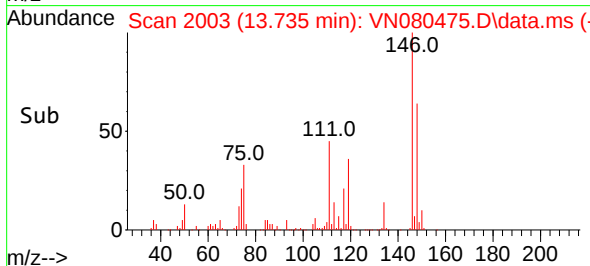
Tgt Ion:146 Resp: 28018
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.3
148 63.5 32.0 96.0

Manual Integrations

APPROVED

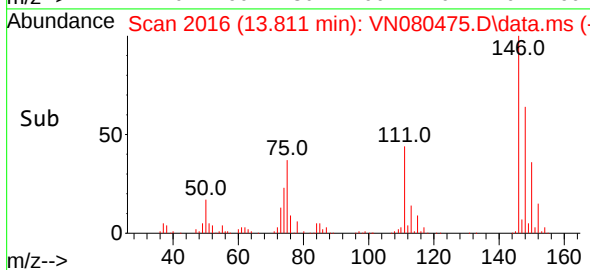
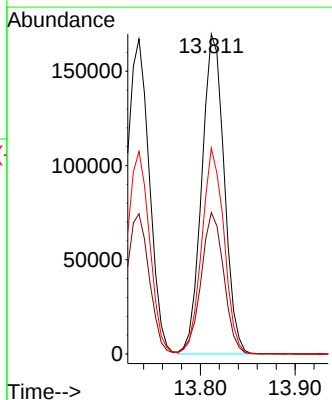
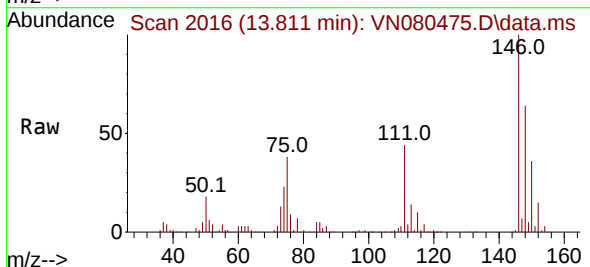
Reviewed By :John Carlone 12/14/2023

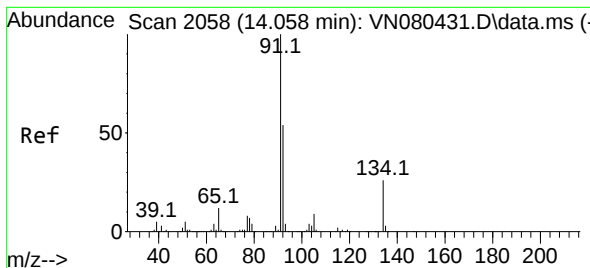
Supervised By :Mahesh Dadoda 12/14/2023



#88
1,4-Dichlorobenzene
Concen: 45.670 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Tgt Ion:146 Resp: 278822
Ion Ratio Lower Upper
146 100
111 45.1 20.6 61.8
148 63.5 31.6 94.8





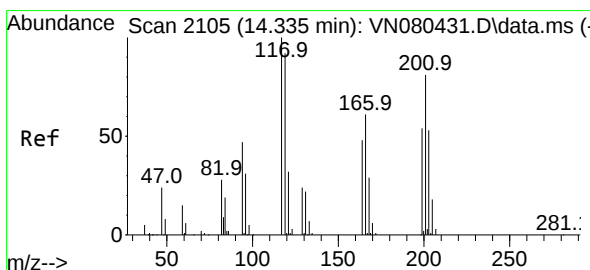
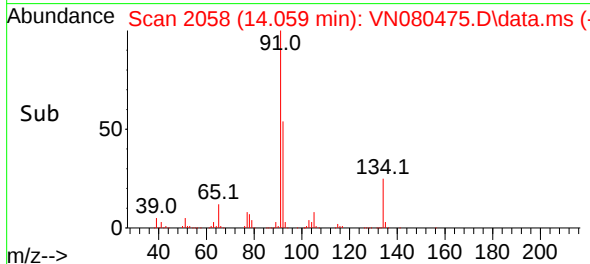
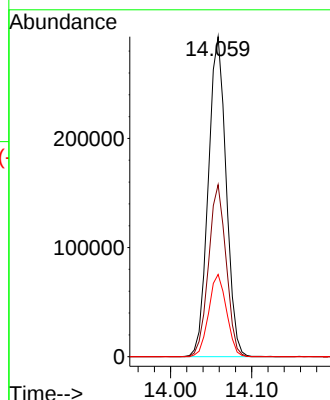
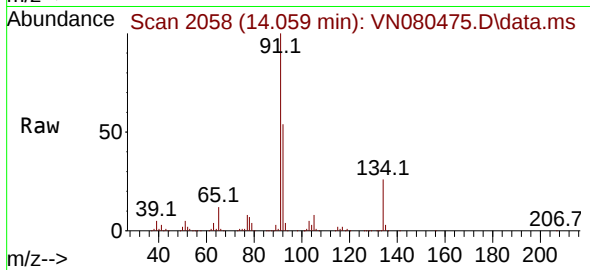
#89
n-Butylbenzene
Concen: 47.075 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 44691
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 25.7 12.6 37.6

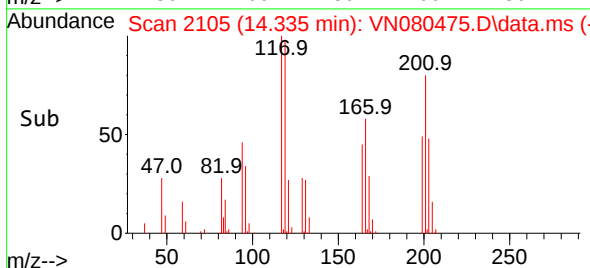
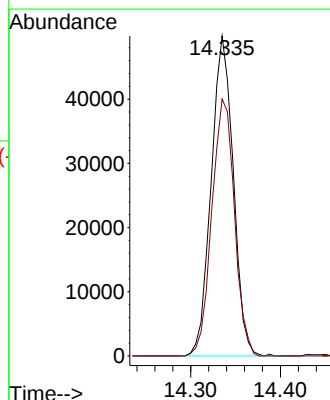
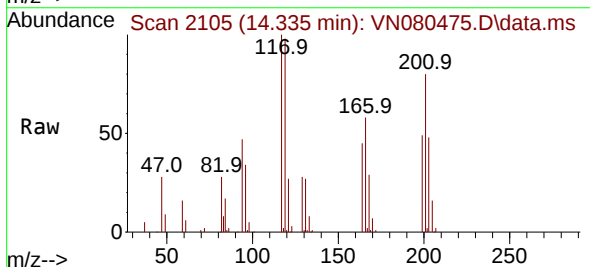
Manual Integrations
APPROVED

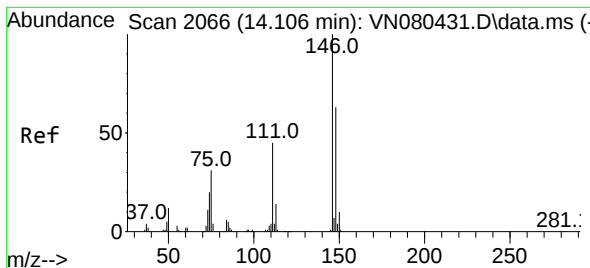
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#90
Hexachloroethane
Concen: 47.136 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Tgt Ion:117 Resp: 85100
Ion Ratio Lower Upper
117 100
201 82.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 46.418 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 26658

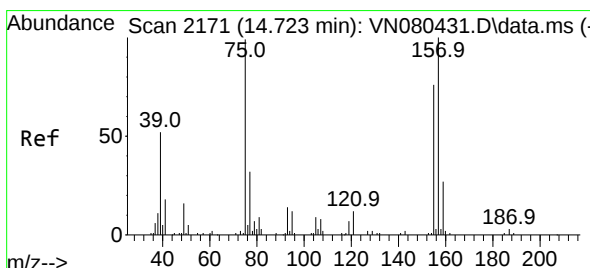
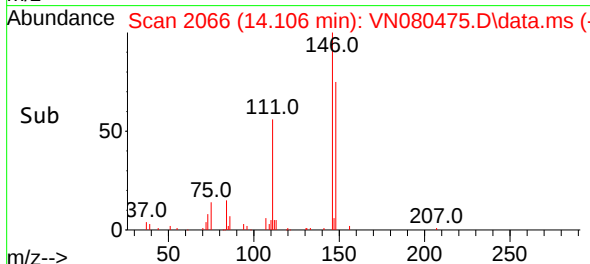
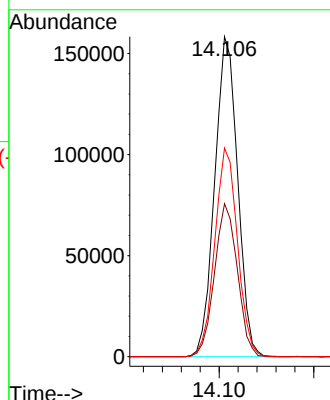
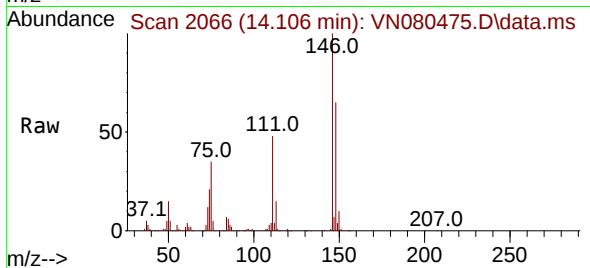
Ion	Ratio	Lower	Upper
146	100		
111	47.6	22.0	66.0
148	64.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.574 ug/l

RT: 14.717 min Scan# 2170

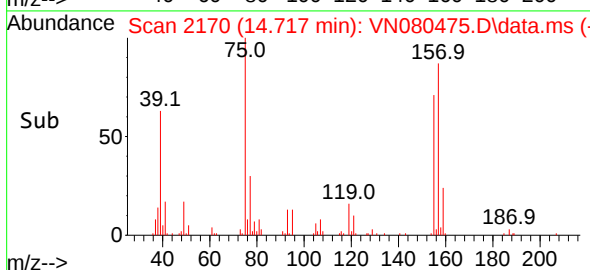
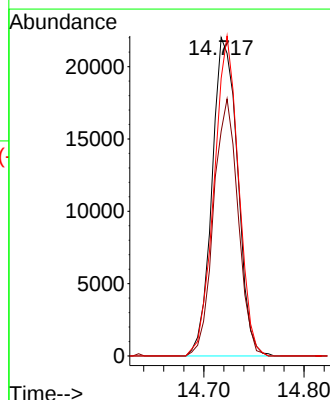
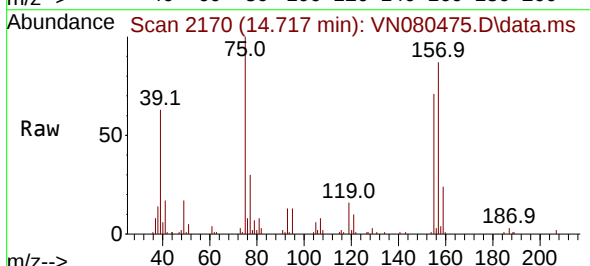
Delta R.T. -0.006 min

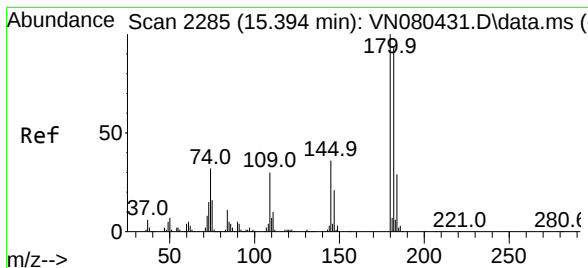
Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

Tgt Ion: 75 Resp: 38990

Ion	Ratio	Lower	Upper
75	100		
155	77.3	39.1	117.2
157	96.1	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 49.611 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080475.D

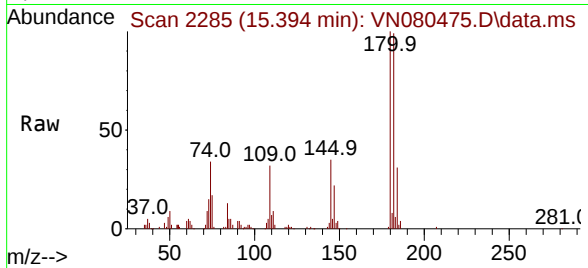
Acq: 13 Dec 2023 20:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 158194

Ion Ratio Lower Upper

180 100

182 94.0 46.1 138.2

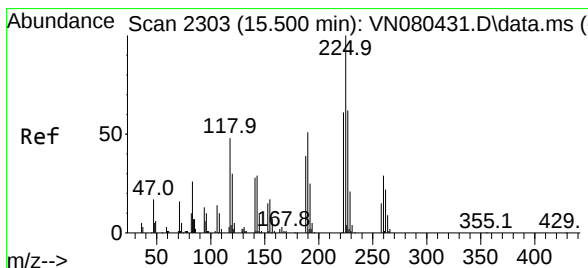
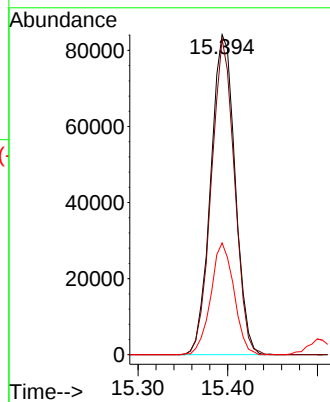
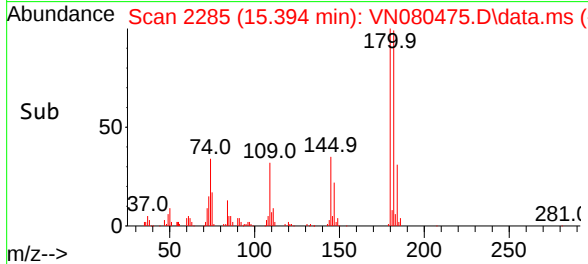
145 33.3 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#94

Hexachlorobutadiene

Concen: 44.078 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080475.D

Acq: 13 Dec 2023 20:25

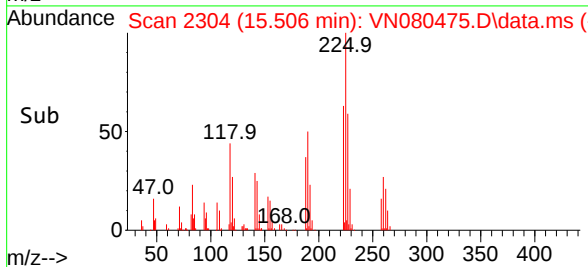
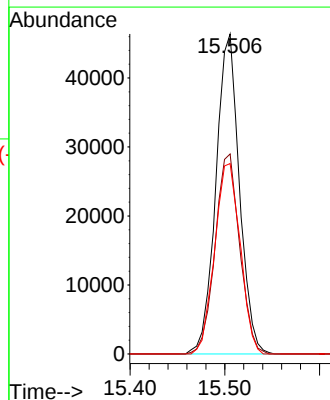
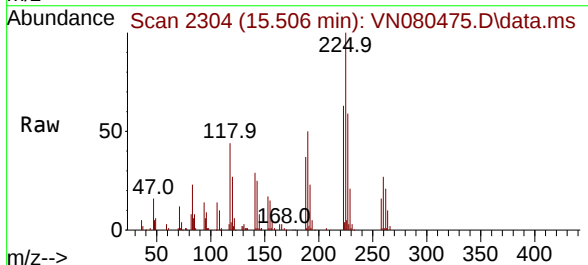
Tgt Ion:225 Resp: 80015

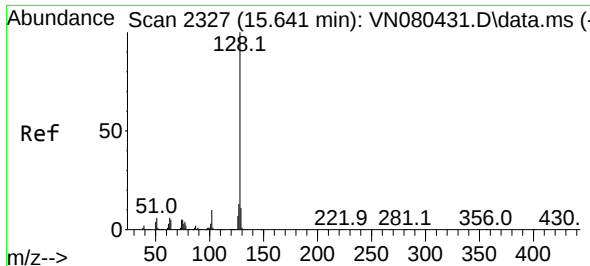
Ion Ratio Lower Upper

225 100

223 65.5 31.3 93.8

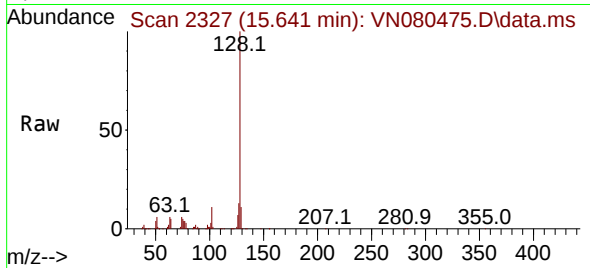
227 64.5 31.9 95.9





#95
Naphthalene
Concen: 49.852 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

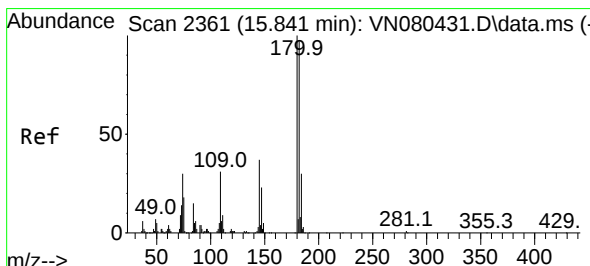
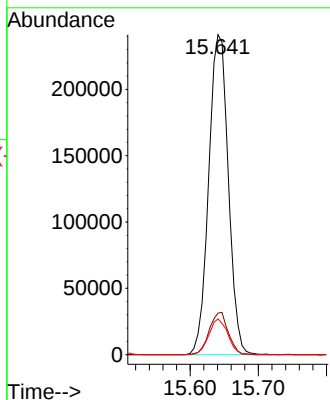
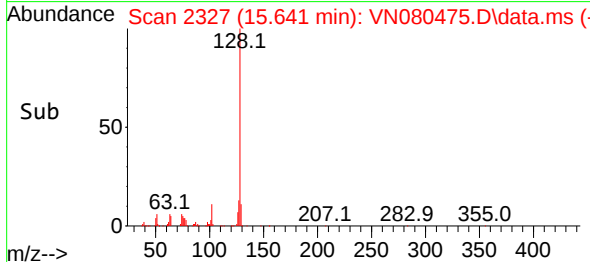
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 482702
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 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.869 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080475.D
Acq: 13 Dec 2023 20:25

Tgt Ion:180 Resp: 150371
Ion Ratio Lower Upper
180 100
182 95.0 46.2 138.6
145 34.7 17.5 52.6

