

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080482.D
 Acq On : 14 Dec 2023 14:47
 Operator : JC\MD
 Sample : VN1214WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 00:27:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	364763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168459	58.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.940%			
35) Dibromofluoromethane	8.165	113	123370	53.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.680%			
50) Toluene-d8	10.565	98	430054	49.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.720%			
62) 4-Bromofluorobenzene	12.847	95	157787	48.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	51176	17.904	ug/l	99
3) Chloromethane	2.365	50	51759	17.028	ug/l	98
4) Vinyl Chloride	2.518	62	40154	16.450	ug/l	100
5) Bromomethane	2.959	94	20358	18.498	ug/l	95
6) Chloroethane	3.124	64	26025	16.592	ug/l	96
7) Trichlorofluoromethane	3.500	101	87139	17.600	ug/l	99
8) Diethyl Ether	3.953	74	31047	19.909	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	42264	18.010	ug/l	95
10) Methyl Iodide	4.589	142	32257	15.628	ug/l #	87
11) Tert butyl alcohol	5.506	59	33643	99.995	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	41497	17.258	ug/l	98
13) Acrolein	4.177	56	35309	95.830	ug/l	100
14) Allyl chloride	5.024	41	52944	17.797	ug/l	94
15) Acrylonitrile	5.712	53	98517	103.631	ug/l	99
16) Acetone	4.418	43	68196	134.632	ug/l	100
17) Carbon Disulfide	4.712	76	109706	16.099	ug/l	96
18) Methyl Acetate	5.018	43	66810	20.498	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	163958	20.438	ug/l	99
20) Methylene Chloride	5.271	84	51962	19.169	ug/l #	90
21) trans-1,2-Dichloroethene	5.777	96	47151	18.085	ug/l	98
22) Diisopropyl ether	6.665	45	130209	20.279	ug/l	96
23) Vinyl Acetate	6.594	43	356784	96.750	ug/l	95
24) 1,1-Dichloroethane	6.565	63	87835	19.607	ug/l	99
25) 2-Butanone	7.477	43	107895	110.571	ug/l	95
26) 2,2-Dichloropropane	7.488	77	82306	17.968	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	57472	19.474	ug/l	91
28) Bromochloromethane	7.812	49	34441	20.024	ug/l #	5
29) Tetrahydrofuran	7.830	42	70347	100.675	ug/l	95
30) Chloroform	7.965	83	101405	20.393	ug/l	97
31) Cyclohexane	8.253	56	62813	16.169	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	91329	18.758	ug/l	96
36) 1,1-Dichloropropene	8.371	75	67232	17.779	ug/l	95
37) Ethyl Acetate	7.559	43	46146	19.488	ug/l	99
38) Carbon Tetrachloride	8.359	117	81995	18.147	ug/l	96
39) Methylcyclohexane	9.600	83	58857	14.983	ug/l	93
40) Benzene	8.606	78	206368	18.899	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28202	20.658	ug/l	94
42) 1,2-Dichloroethane	8.671	62	84616	20.926	ug/l	96
43) Isopropyl Acetate	8.688	43	82538	19.386	ug/l	98
44) Trichloroethene	9.353	130	52138	17.711	ug/l	96
45) 1,2-Dichloropropane	9.624	63	48688	18.984	ug/l	97
46) Dibromomethane	9.712	93	36916	20.043	ug/l	89
47) Bromodichloromethane	9.888	83	80852	20.483	ug/l #	99
48) Methyl methacrylate	9.682	41	48147	18.950	ug/l	92
49) 1,4-Dioxane	9.694	88	14540	377.549	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	230954	98.493	ug/l	99
52) Toluene	10.629	92	126155	18.288	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	84759	19.846	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	87507	19.170	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	49680	20.015	ug/l	97
56) Ethyl methacrylate	10.876	69	52091	18.955	ug/l	93
57) 1,3-Dichloropropane	11.165	76	87220	20.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	197140	113.634	ug/l	97
59) 2-Hexanone	11.194	43	166531	96.199	ug/l	100
60) Dibromochloromethane	11.359	129	59104	20.095	ug/l	98
61) 1,2-Dibromoethane	11.471	107	48860	19.019	ug/l	99
64) Tetrachloroethene	11.106	164	44007	17.368	ug/l	95
65) Chlorobenzene	11.894	112	131946	18.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	54658	19.081	ug/l	95
67) Ethyl Benzene	11.965	91	231657	17.258	ug/l	97
68) m/p-Xylenes	12.071	106	173820	35.043	ug/l	88
69) o-Xylene	12.400	106	85501	17.623	ug/l	91
70) Styrene	12.412	104	126411	18.089	ug/l	93
71) Bromoform	12.582	173	39260	18.794	ug/l #	98
73) Isopropylbenzene	12.700	105	211646	17.684	ug/l	97
74) N-amyl acetate	12.494	43	63116	18.060	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	61205	19.085	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	56079m	18.869	ug/l	
77) Bromobenzene	12.982	156	56311	19.127	ug/l	95
78) n-propylbenzene	13.035	91	235202	17.825	ug/l	99
79) 2-Chlorotoluene	13.123	91	155798	18.085	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	183697	17.822	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19980	17.651	ug/l	86
82) 4-Chlorotoluene	13.223	91	160033	18.073	ug/l	97
83) tert-Butylbenzene	13.441	119	145616	17.250	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	191549	18.680	ug/l	95
85) sec-Butylbenzene	13.617	105	183832	17.024	ug/l	99
86) p-Isopropyltoluene	13.729	119	168060	17.237	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	94590	18.235	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	94893	18.123	ug/l	98
89) n-Butylbenzene	14.059	91	130073	15.975	ug/l	98
90) Hexachloroethane	14.335	117	26996	17.434	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	93883	19.060	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13913	20.625	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	49808	18.213	ug/l	96
94) Hexachlorobutadiene	15.500	225	25082	16.110	ug/l	99
95) Naphthalene	15.641	128	150699	18.147	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	49522	18.765	ug/l	98

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Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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Client Sample Id :

VN1214WBSD02

Manual Integrations

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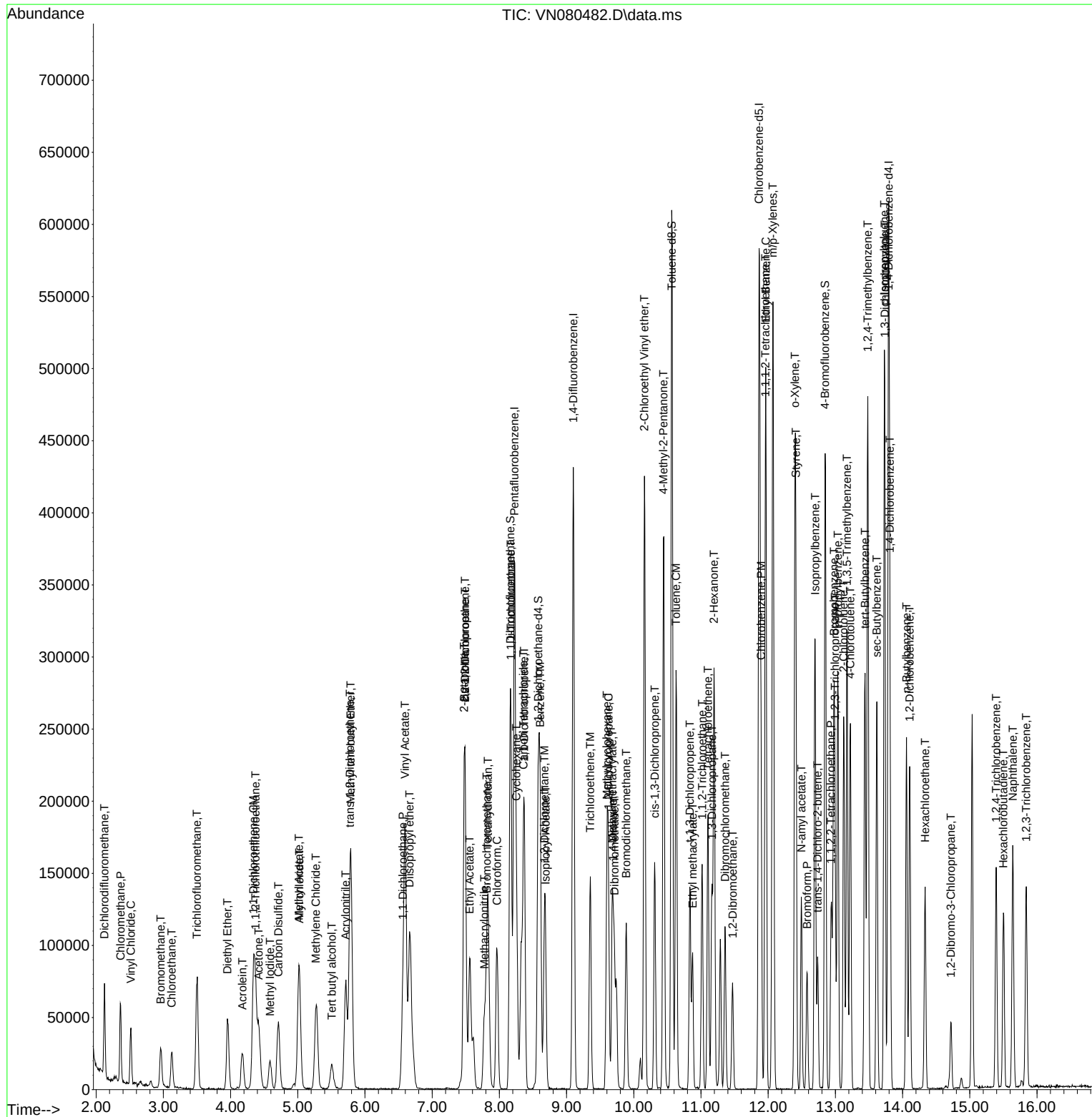
Quant Time: Dec 15 00:27:05 2023

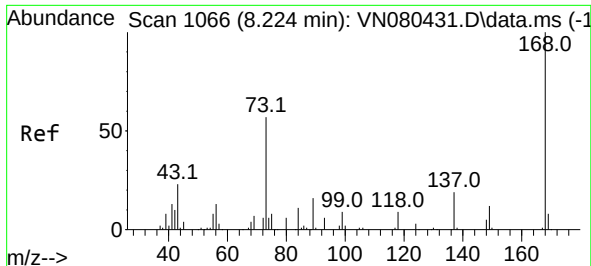
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Quant Title : SW846 8260

QLast Update : Wed Dec 13 01:57:14 2023

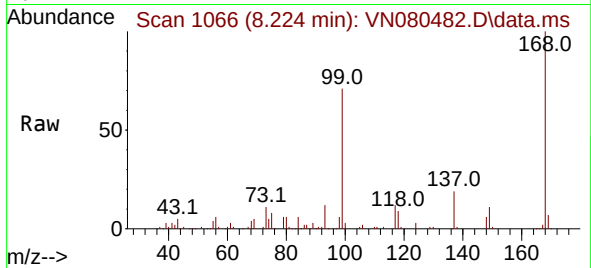
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

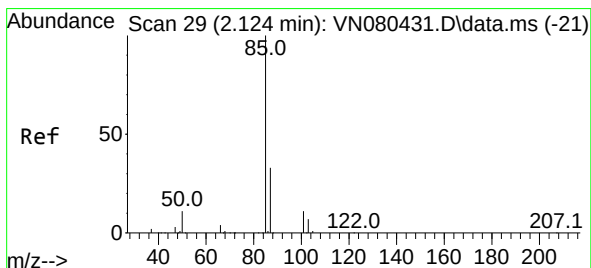
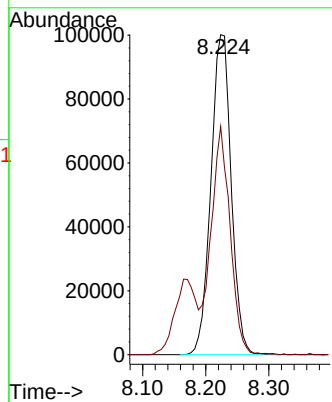
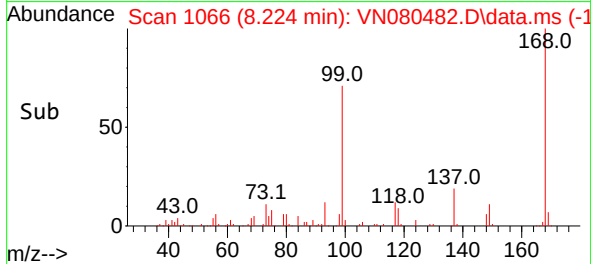
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion:168 Resp: 223668
Ion Ratio Lower Upper
168 100
99 71.3 53.0 79.6

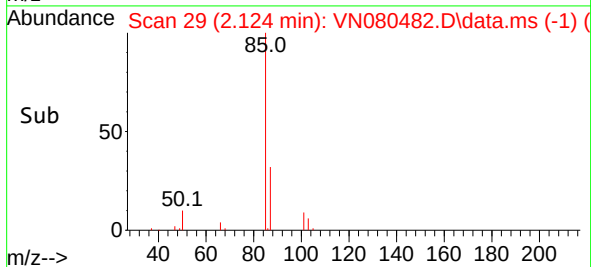
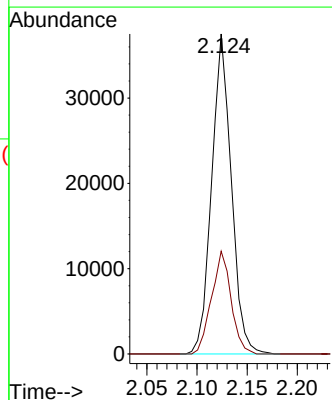
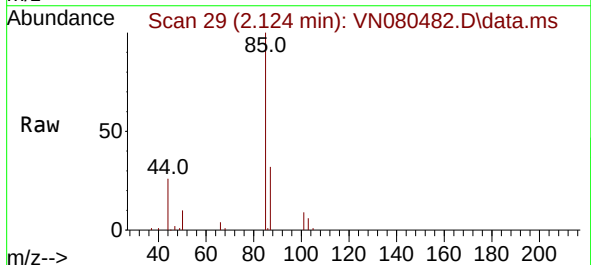
Manual Integrations
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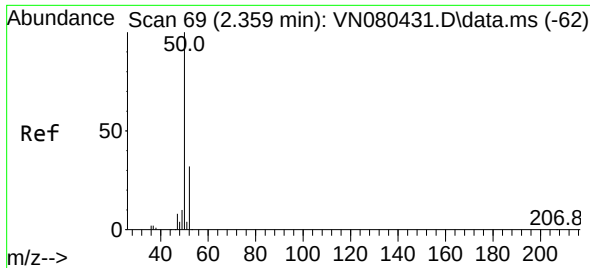
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#2
Dichlorodifluoromethane
Concen: 17.904 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

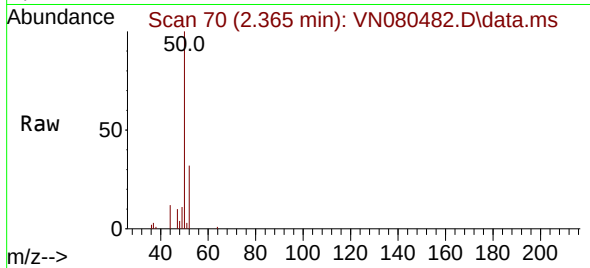
Tgt Ion: 85 Resp: 51176
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.4





#3
Chloromethane
Concen: 17.028 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

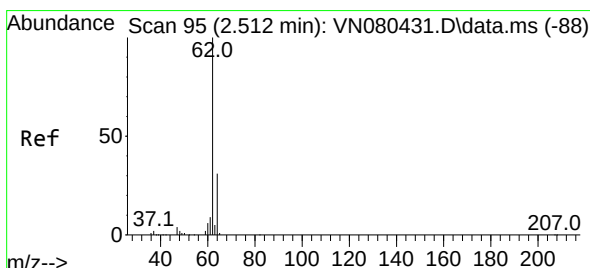
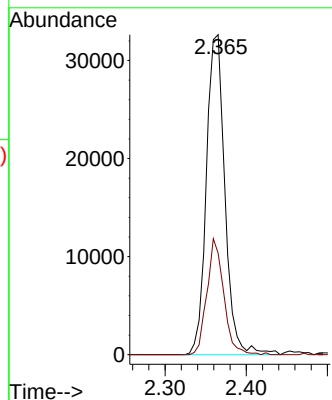
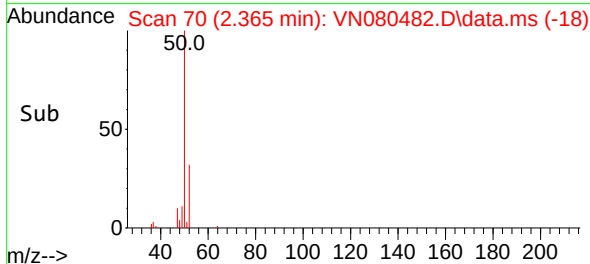
Instrument :
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Tgt Ion: 50 Resp: 51759
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7

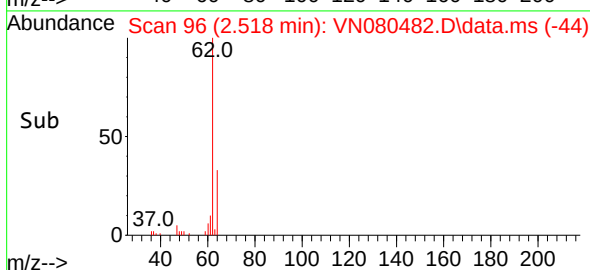
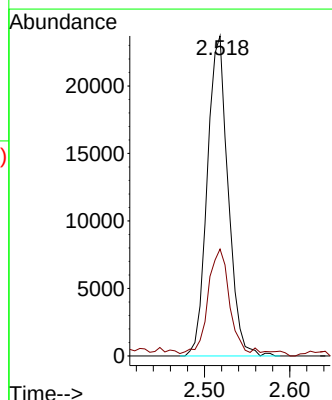
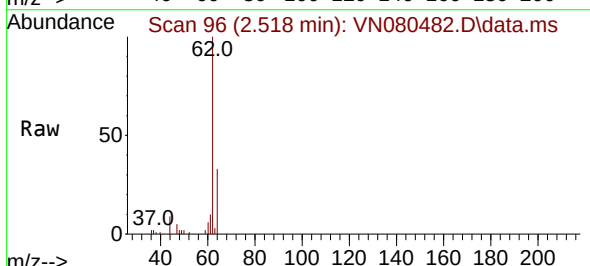
Manual Integrations
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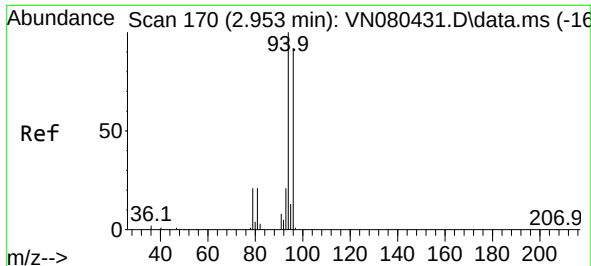
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#4
Vinyl Chloride
Concen: 16.450 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

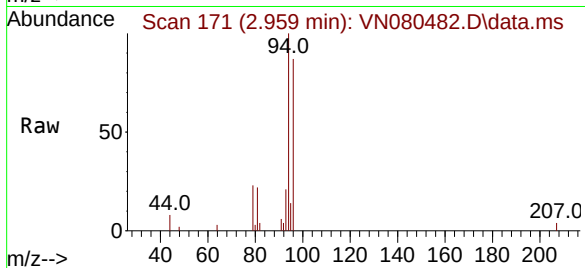
Tgt Ion: 62 Resp: 40154
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.2





#5
Bromomethane
Concen: 18.498 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

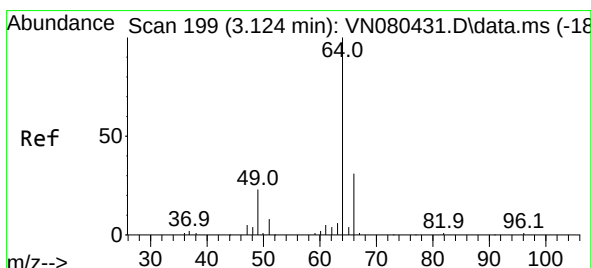
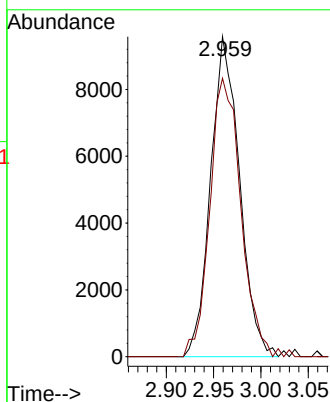
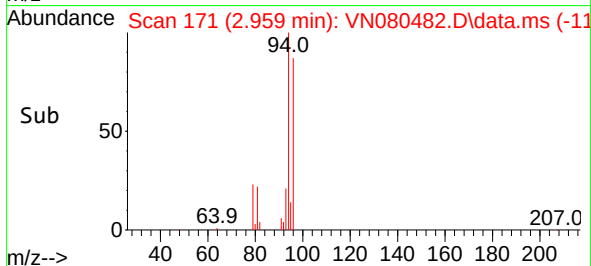
Instrument :
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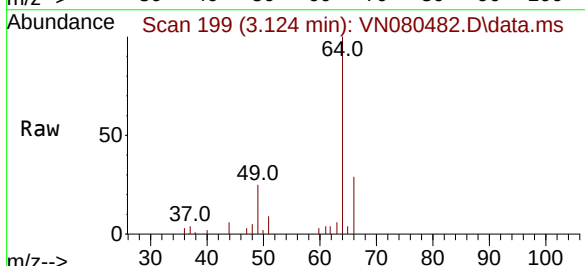
Tgt Ion: 94 Resp: 20358
Ion Ratio Lower Upper
94 100
96 87.0 73.1 109.7

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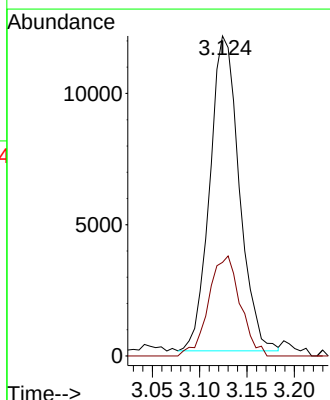
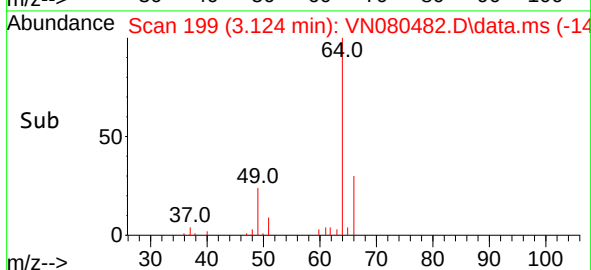
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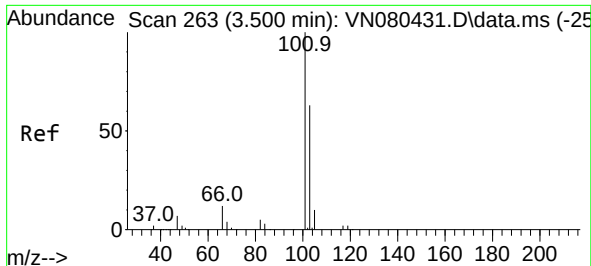


#6
Chloroethane
Concen: 16.592 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



Tgt Ion: 64 Resp: 26025
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





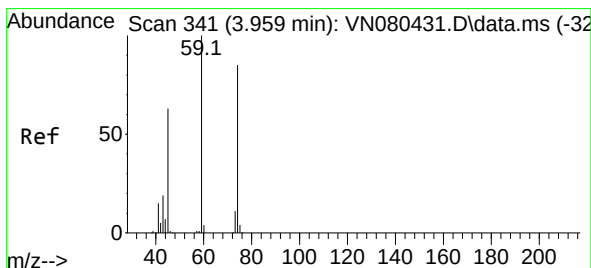
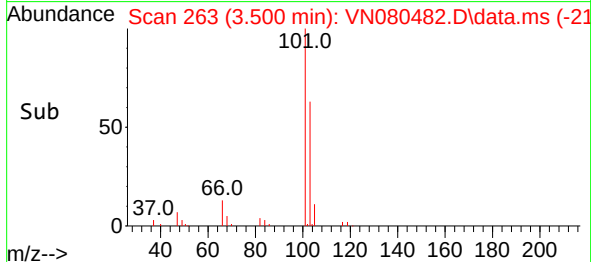
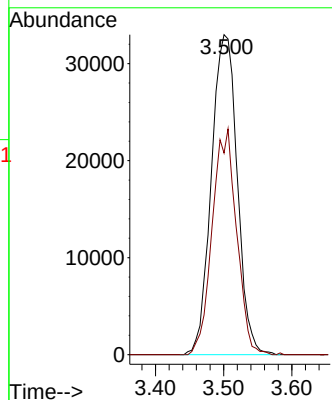
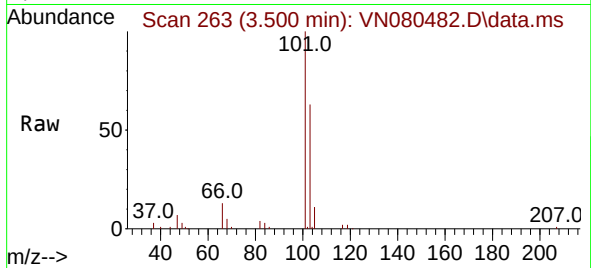
#7
Trichlorofluoromethane
Concen: 17.600 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 87139
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1

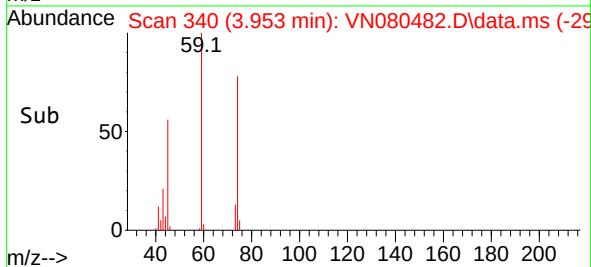
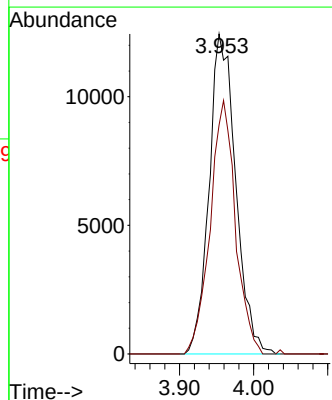
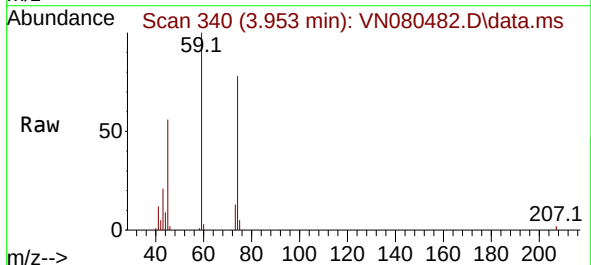
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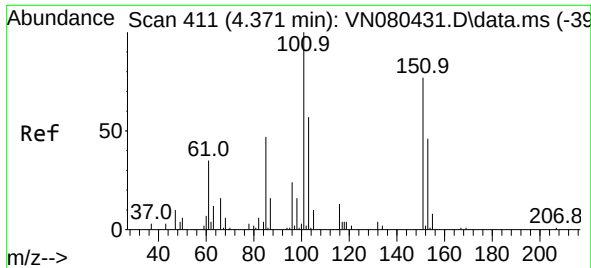
Reviewed By :John Carlone 12/15/2023
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#8
Diethyl Ether
Concen: 19.909 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion: 74 Resp: 31047
Ion Ratio Lower Upper
74 100
45 75.1 34.4 103.3





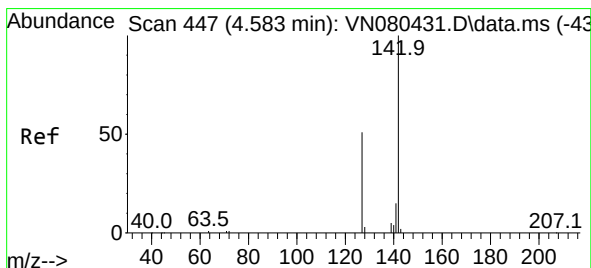
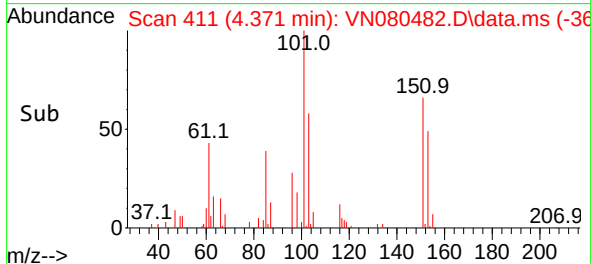
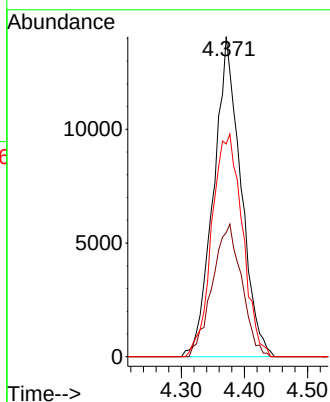
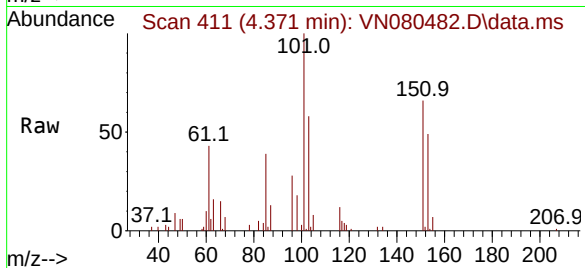
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.010 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion:101 Resp: 42264
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 77.8 57.6 86.4

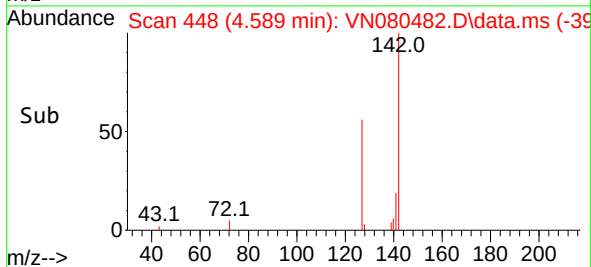
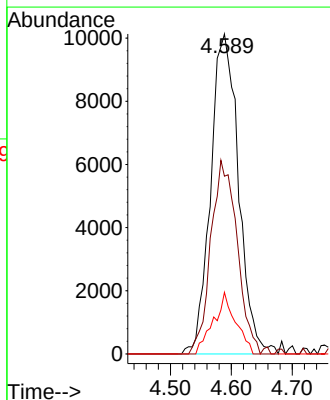
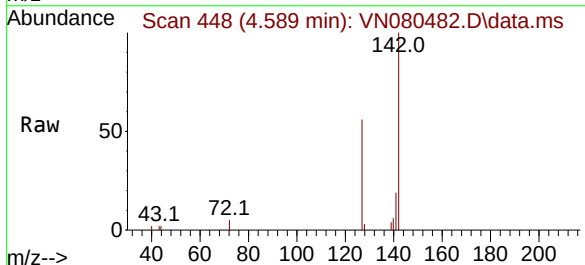
Manual Integrations
APPROVED

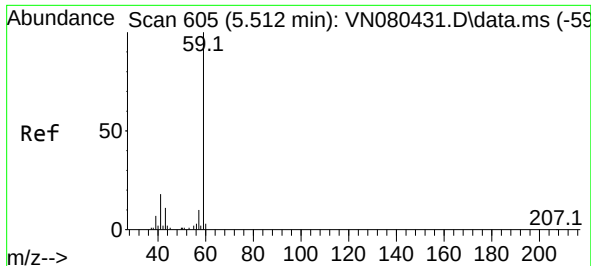
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#10
Methyl Iodide
Concen: 15.628 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion:142 Resp: 32257
Ion Ratio Lower Upper
142 100
127 55.5 37.6 56.4
141 19.2 11.4 17.0#





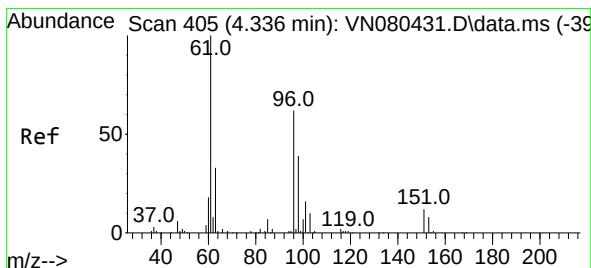
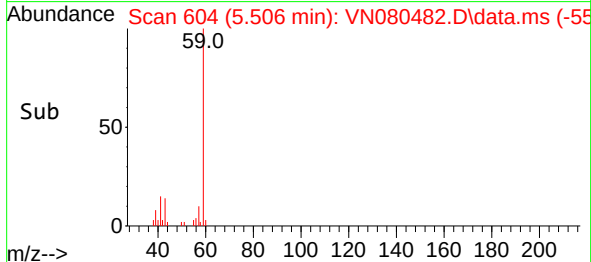
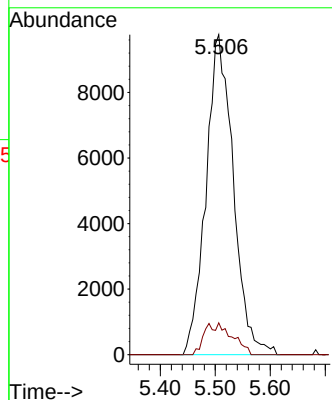
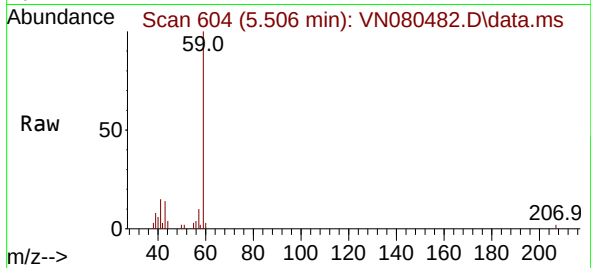
#11
Tert butyl alcohol
Concen: 99.995 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 59 Resp: 3364
Ion Ratio Lower Upper
59 100
57 4.3 8.2 12.4

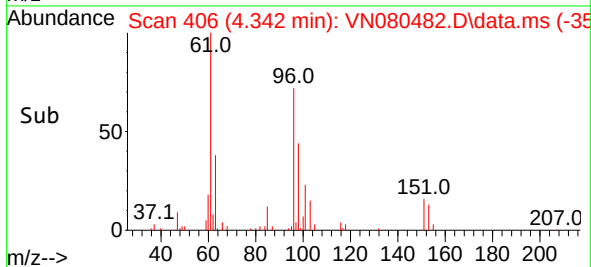
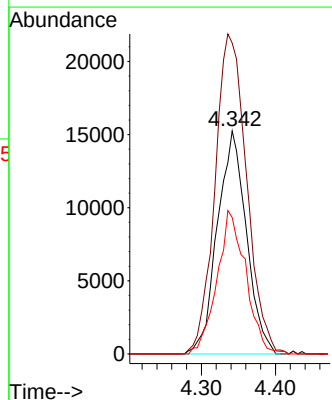
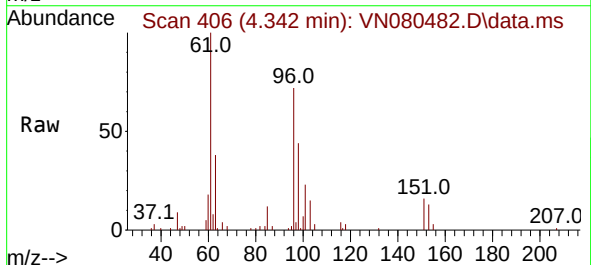
Manual Integrations
APPROVED

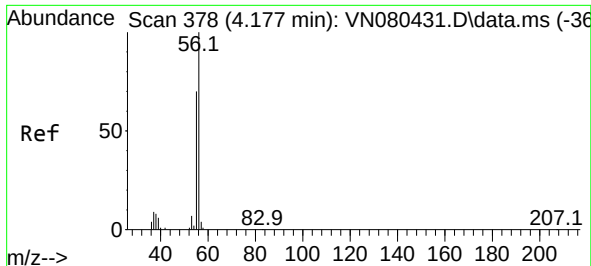
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#12
1,1-Dichloroethene
Concen: 17.258 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion: 96 Resp: 41497
Ion Ratio Lower Upper
96 100
61 139.3 112.7 169.1
98 61.2 51.2 76.8





#13

Acrolein

Concen: 95.830 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 56 Resp: 35309

Ion Ratio Lower Upper

56 100

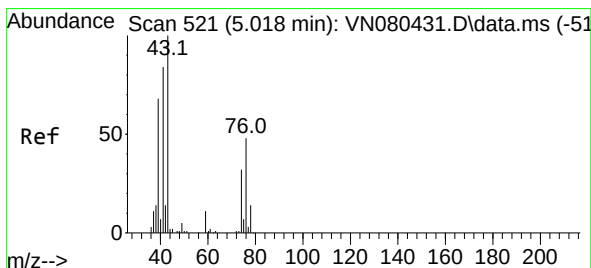
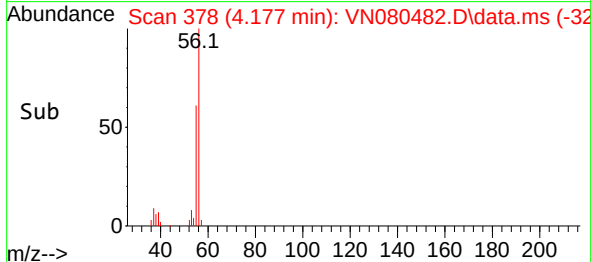
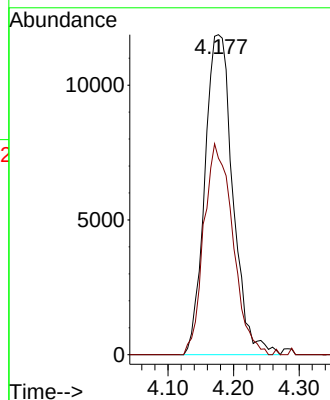
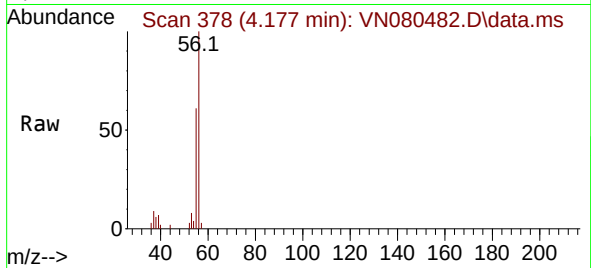
55 68.0 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#14

Allyl chloride

Concen: 17.797 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

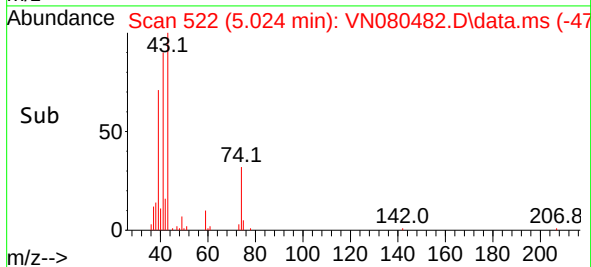
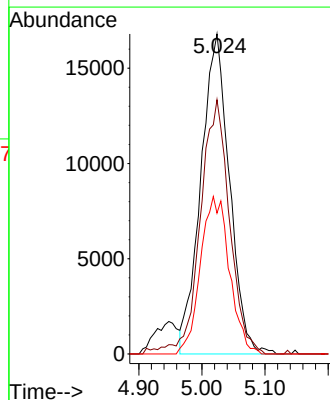
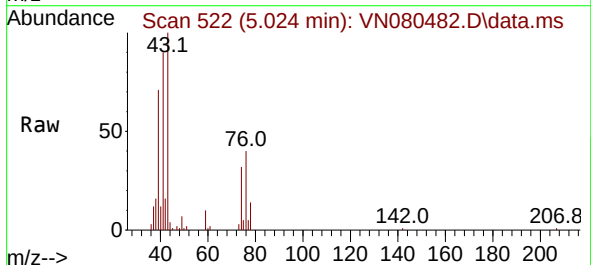
Tgt Ion: 41 Resp: 52944

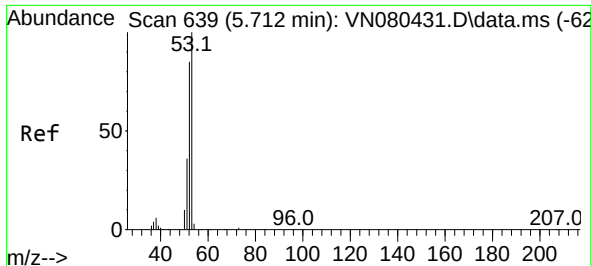
Ion Ratio Lower Upper

41 100

39 81.2 58.8 88.2

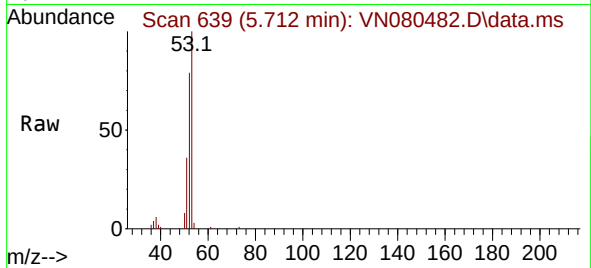
76 49.7 39.1 58.7





#15
Acrylonitrile
Concen: 103.631 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

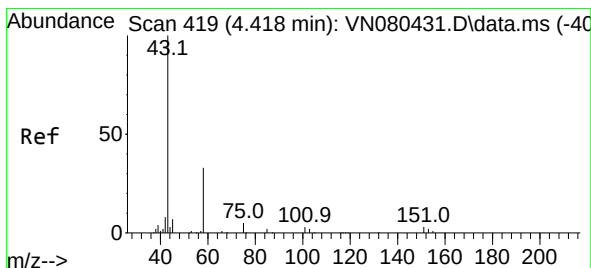
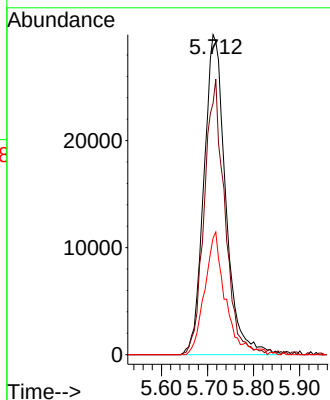
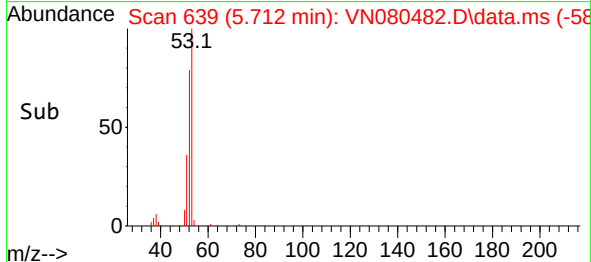
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 53 Resp: 9851
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 35.9 28.9 43.3

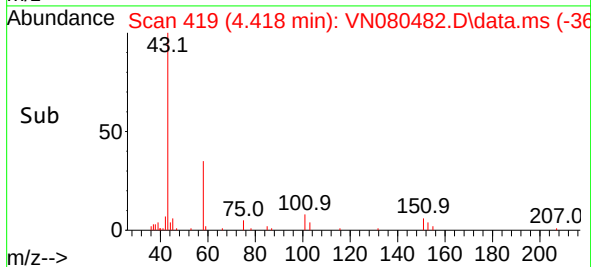
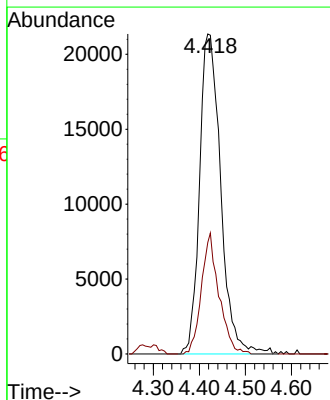
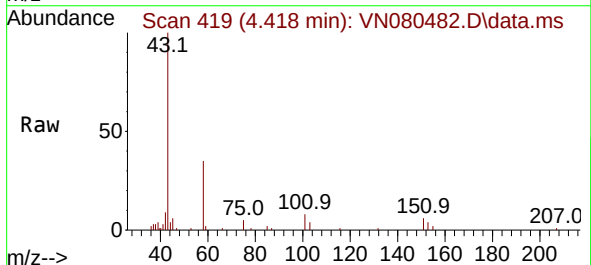
Manual Integrations
APPROVED

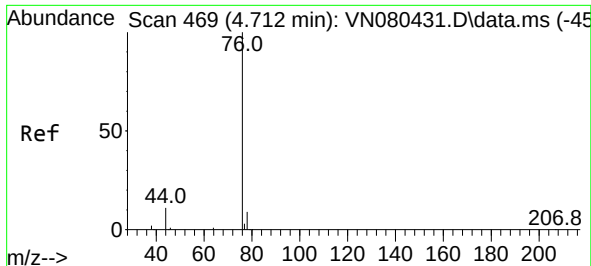
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#16
Acetone
Concen: 134.632 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

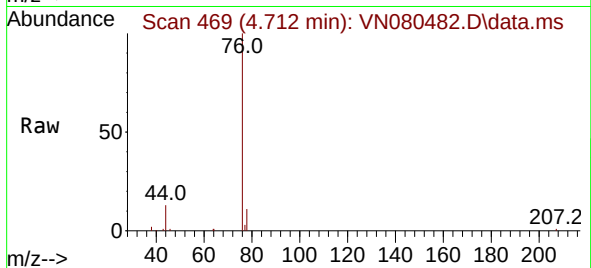
Tgt Ion: 43 Resp: 68196
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0





#17
Carbon Disulfide
Concen: 16.099 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

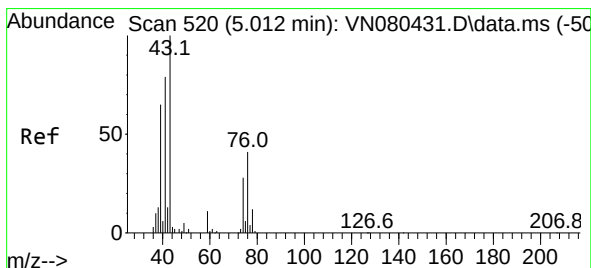
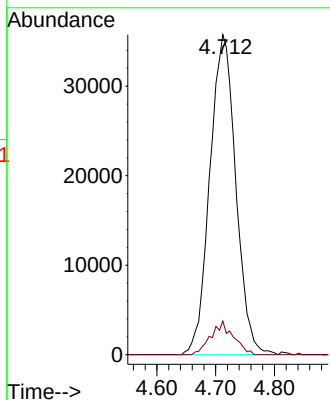
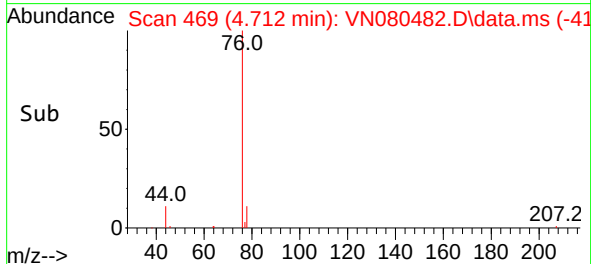
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



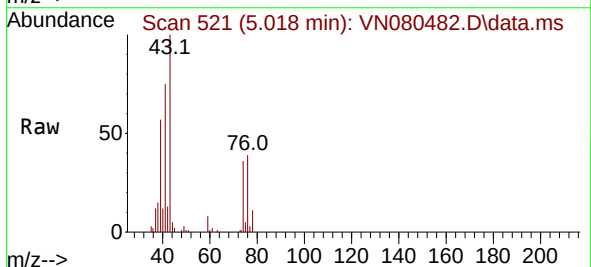
Tgt Ion: 76 Resp: 109700
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0

Manual Integrations
APPROVED

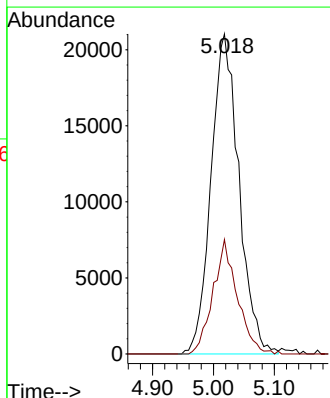
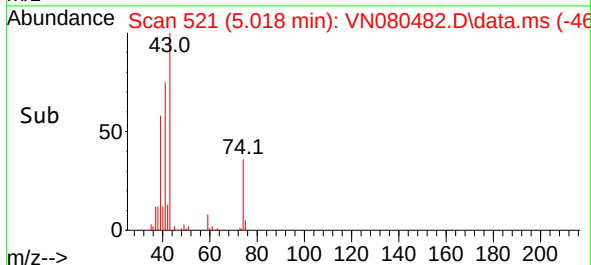
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

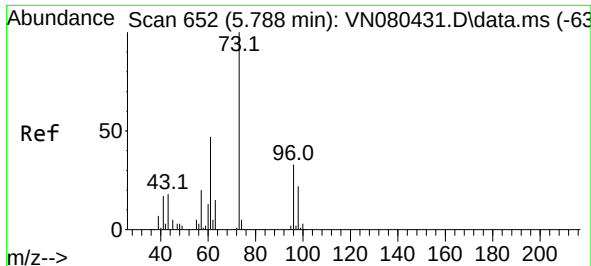


#18
Methyl Acetate
Concen: 20.498 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



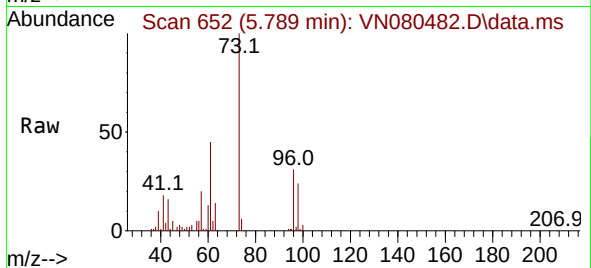
Tgt Ion: 43 Resp: 66810
Ion Ratio Lower Upper
43 100
74 31.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 20.438 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

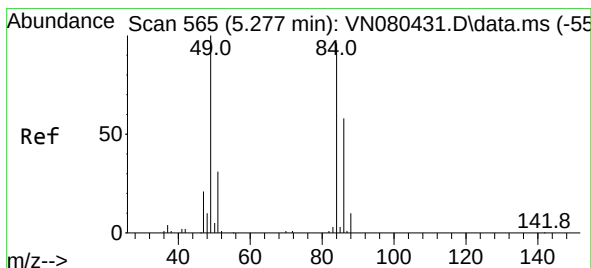
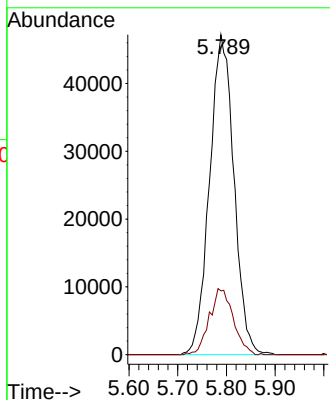
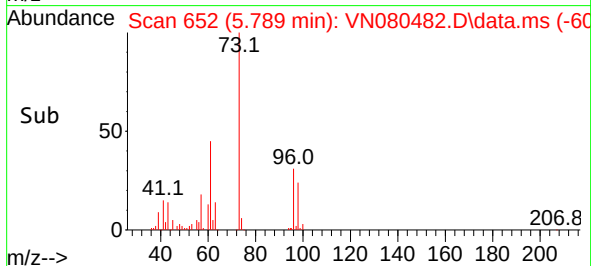
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 73 Resp: 163958
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

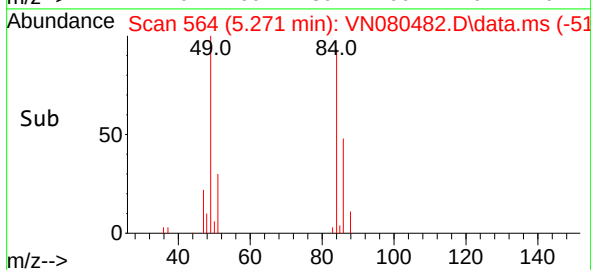
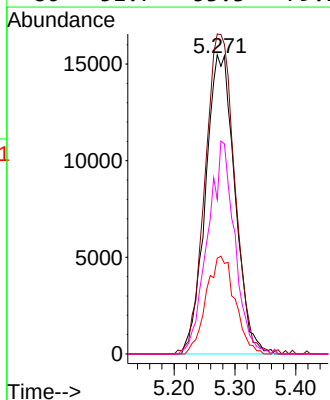
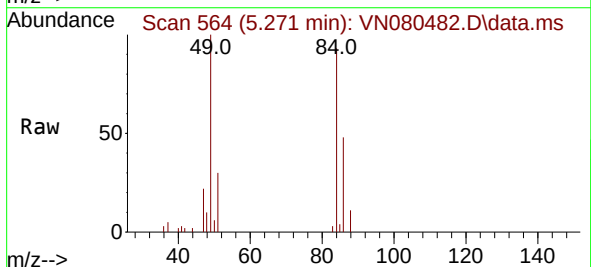
Manual Integrations
APPROVED

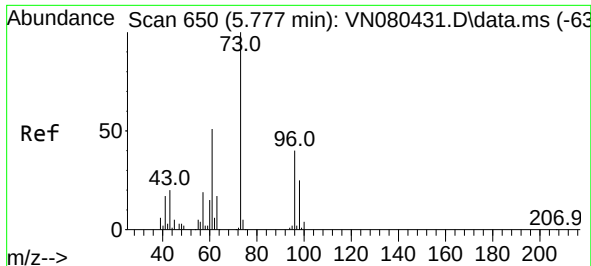
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#20
Methylene Chloride
Concen: 19.169 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion: 84 Resp: 51962
Ion Ratio Lower Upper
84 100
49 105.7 79.7 119.5
51 32.0 25.2 37.8
86 51.7 53.3 79.9#





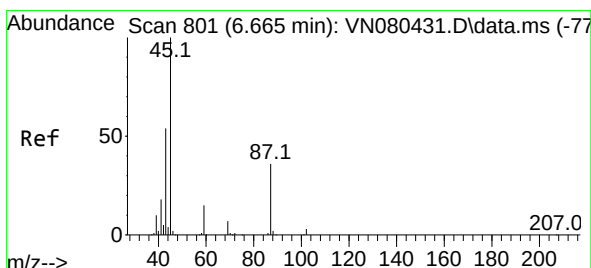
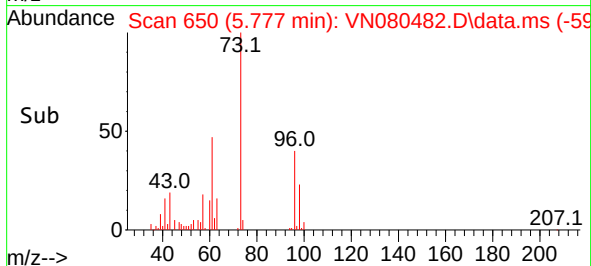
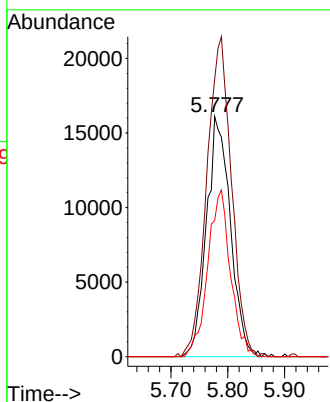
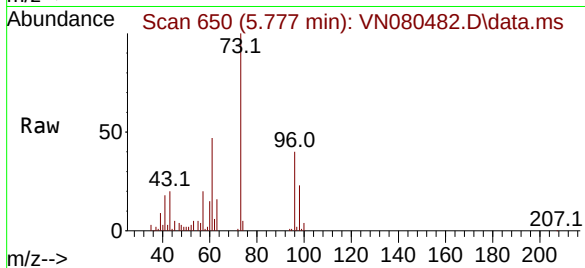
#21
trans-1,2-Dichloroethene
Concen: 18.085 ug/l
RT: 5.777 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 96 Resp: 4715
Ion Ratio Lower Upper
96 100
61 115.6 90.1 135.1
98 56.8 46.4 69.6

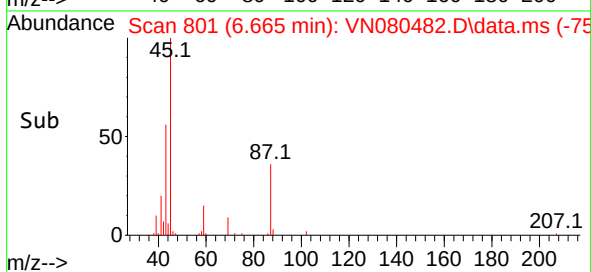
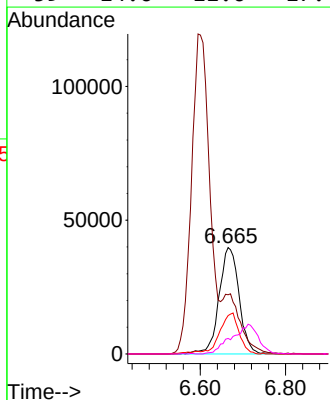
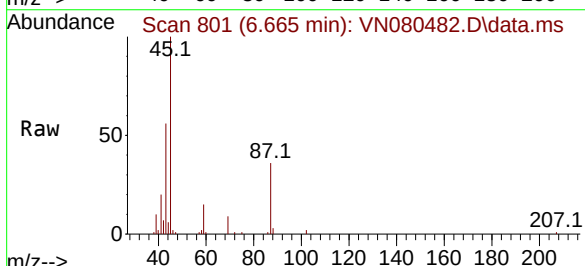
Manual Integrations
APPROVED

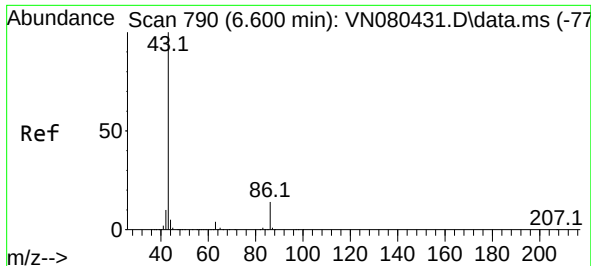
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#22
Diisopropyl ether
Concen: 20.279 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

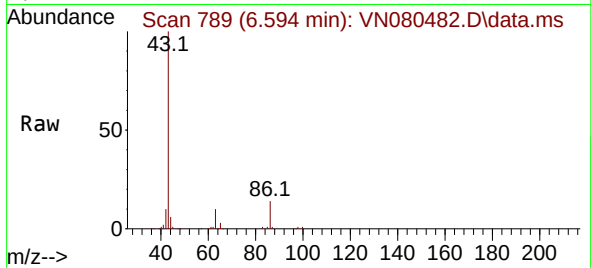
Tgt Ion: 45 Resp: 130209
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 36.0 31.8 47.8
59 14.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 96.750 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN080482.D
 Acq: 14 Dec 2023 14:47

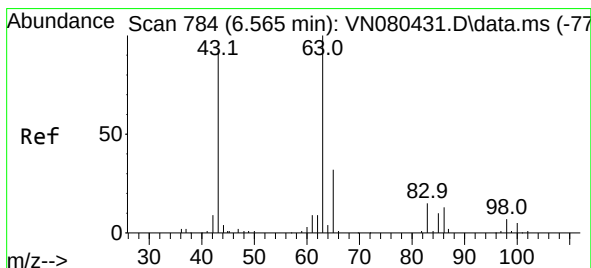
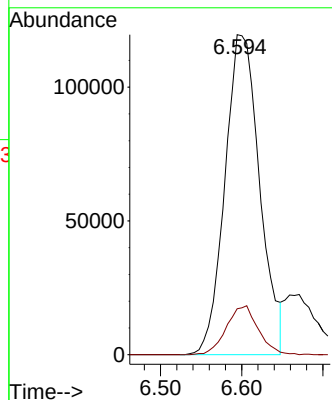
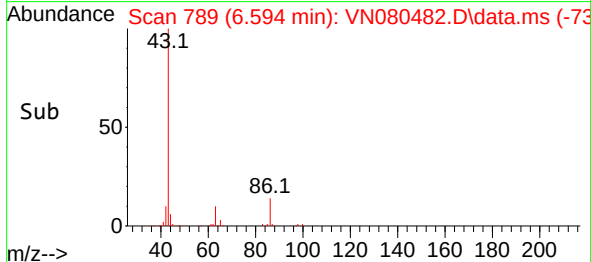
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02



Tgt Ion: 43 Resp: 356784
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6

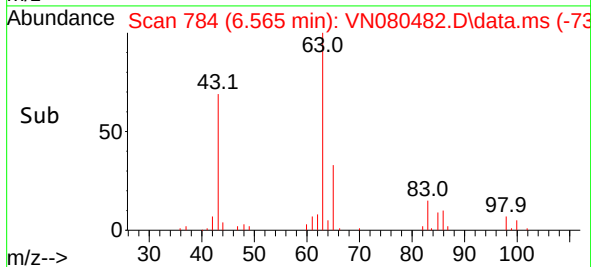
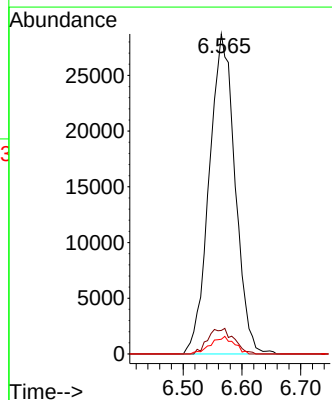
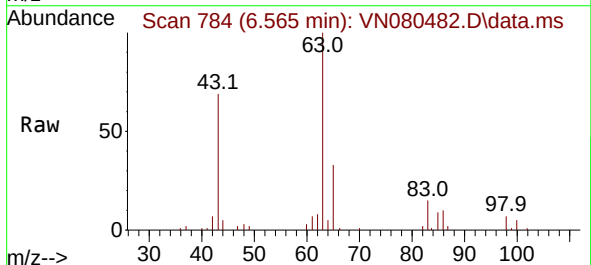
Manual Integrations
 APPROVED

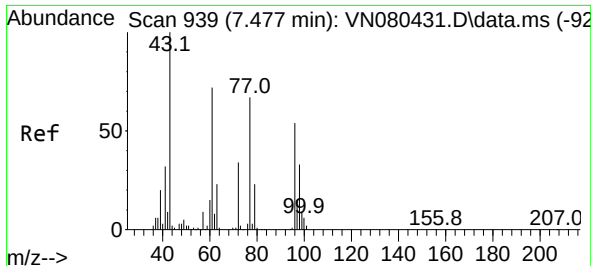
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#24
 1,1-Dichloroethane
 Concen: 19.607 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080482.D
 Acq: 14 Dec 2023 14:47

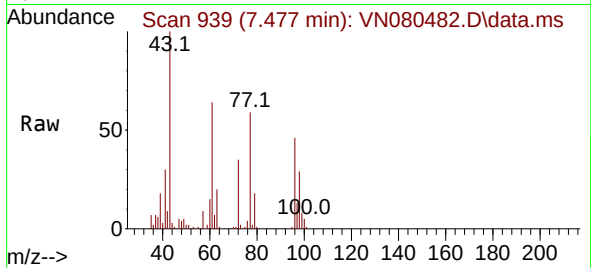
Tgt Ion: 63 Resp: 87835
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 110.571 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

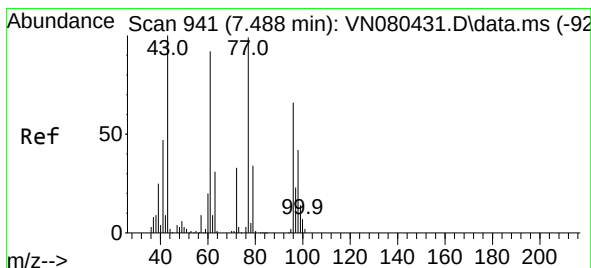
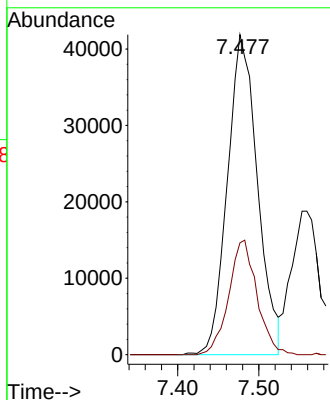
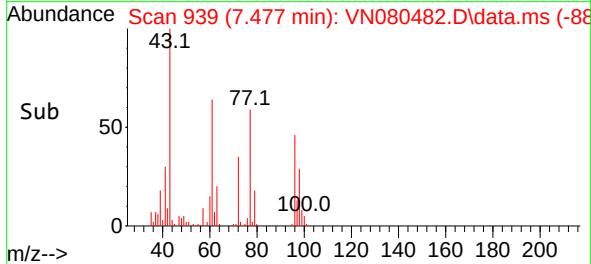
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 43 Resp: 10789
Ion Ratio Lower Upper
43 100
72 34.9 30.2 45.2

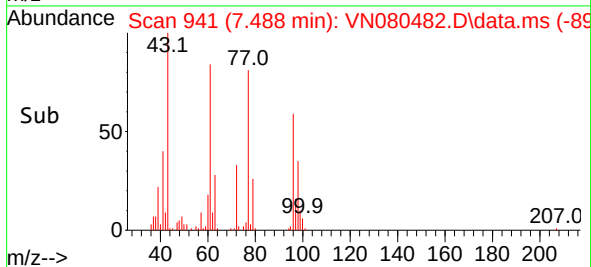
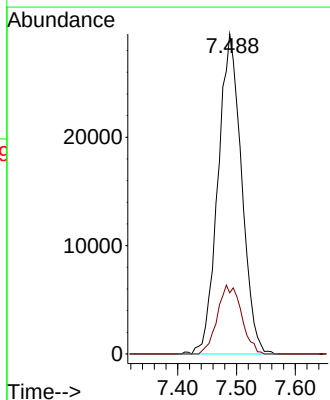
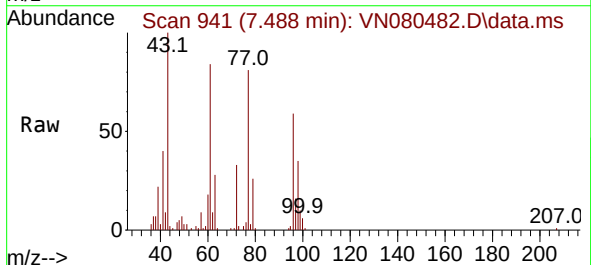
Manual Integrations
APPROVED

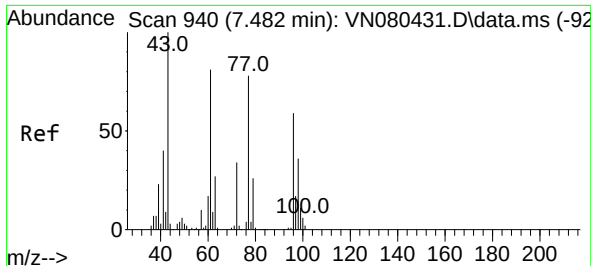
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#26
2,2-Dichloropropane
Concen: 17.968 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

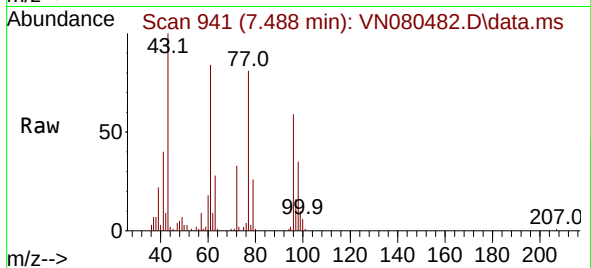
Tgt Ion: 77 Resp: 82306
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.474 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080482.D
 Acq: 14 Dec 2023 14:47

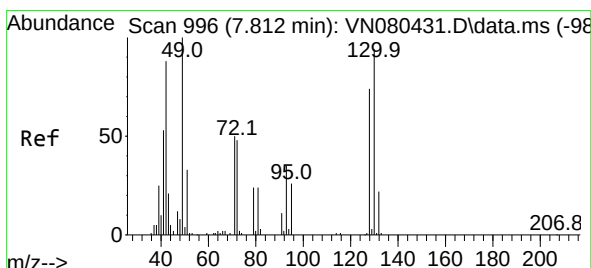
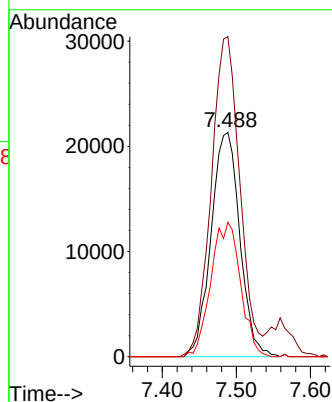
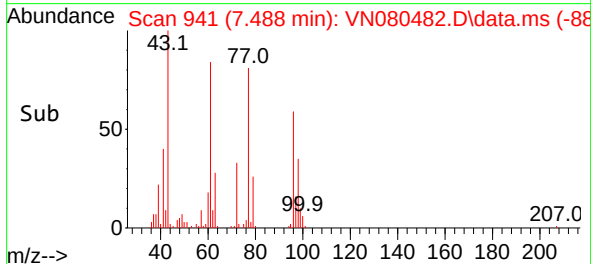
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02



Tgt Ion: 96 Resp: 57472
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 255.2
 98 61.8 0.0 128.8

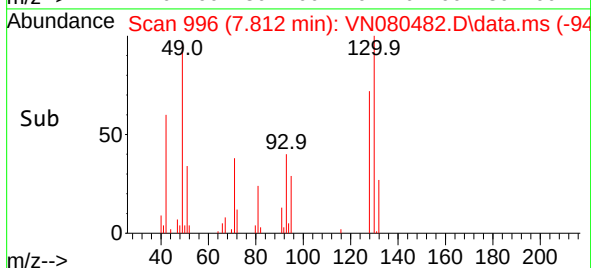
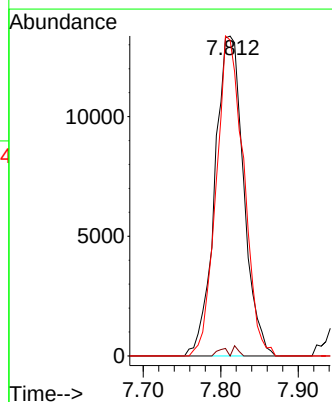
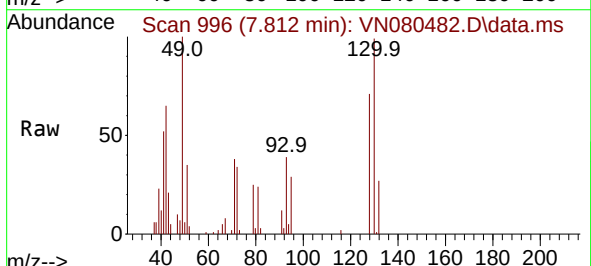
Manual Integrations
 APPROVED

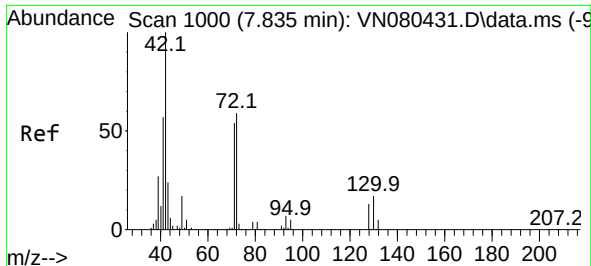
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#28
 Bromochloromethane
 Concen: 20.024 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080482.D
 Acq: 14 Dec 2023 14:47

Tgt Ion: 49 Resp: 34441
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.8
 130 0.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 100.675 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

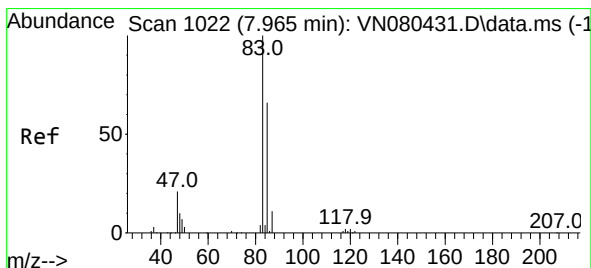
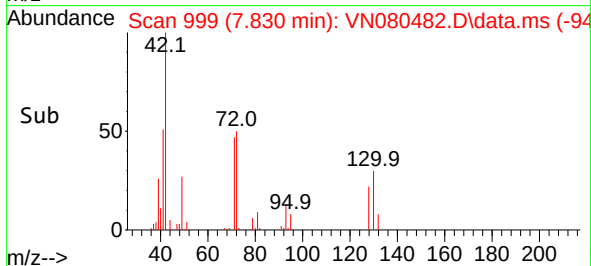
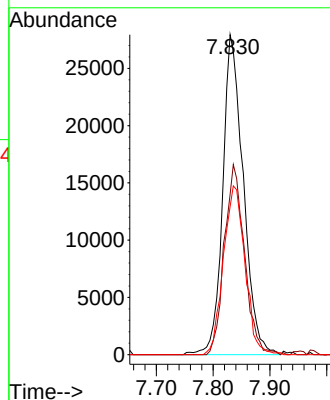
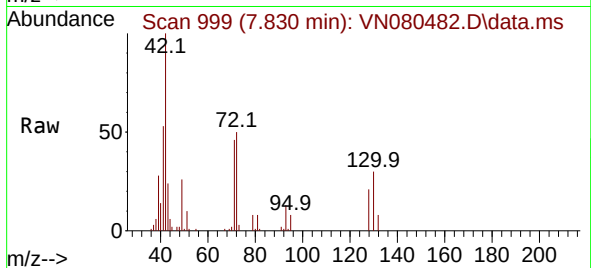
Tgt Ion:	42	Resp:	7034
Ion Ratio	Lower	Upper	
42	100		
72	58.3	49.8	74.6
71	55.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 20.393 ug/l

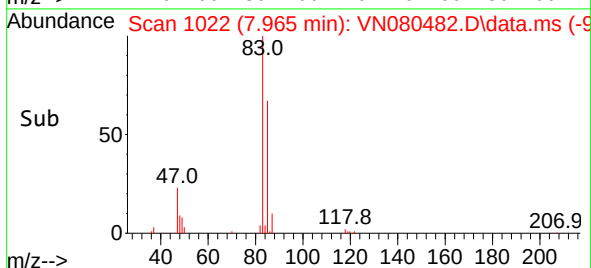
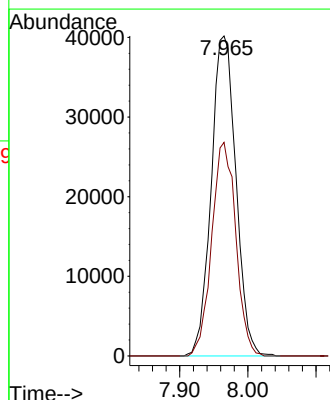
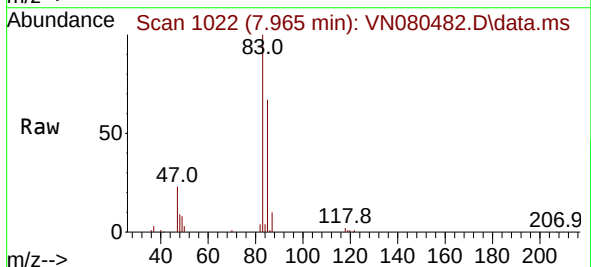
RT: 7.965 min Scan# 1022

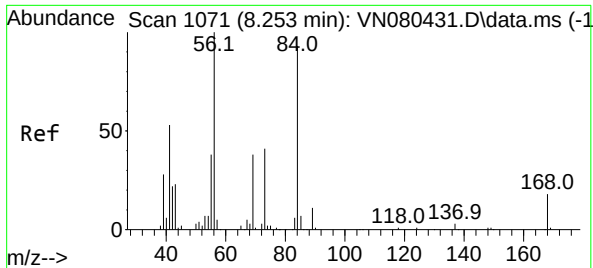
Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

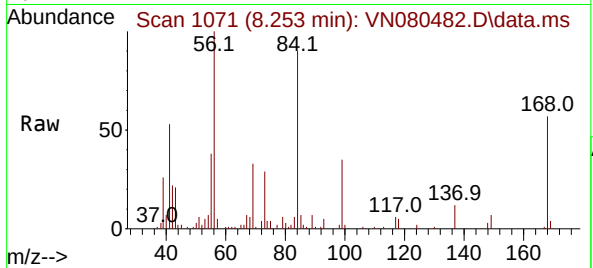
Tgt Ion:	83	Resp:	101405
Ion Ratio	Lower	Upper	
83	100		
85	66.8	55.4	83.0





#31
Cyclohexane
Concen: 16.169 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

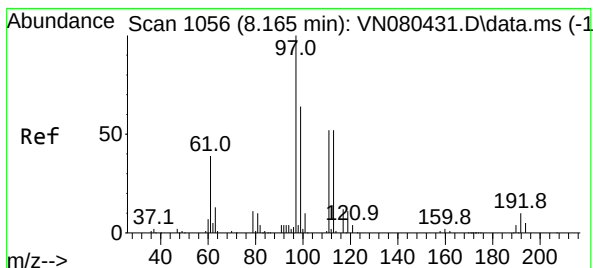
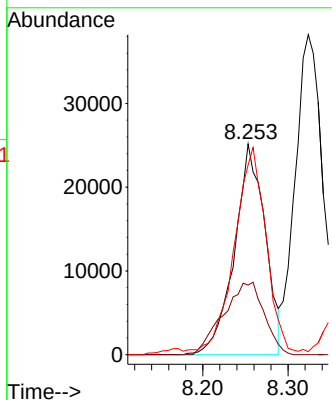
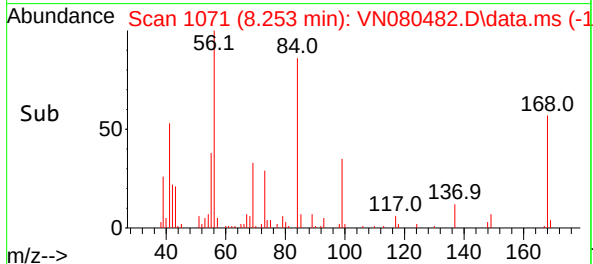
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



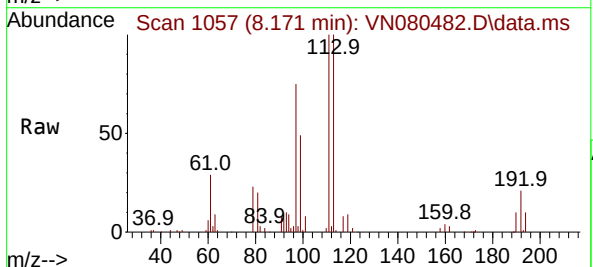
Tgt Ion: 56 Resp: 6281
Ion Ratio Lower Upper
56 100
69 33.1 26.8 40.2
84 87.1 81.8 122.6

Manual Integrations
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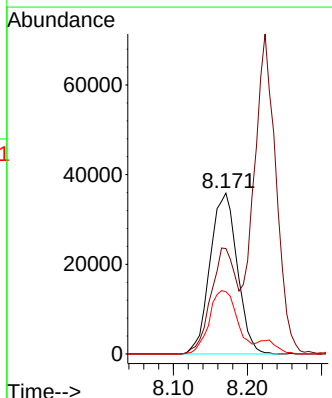
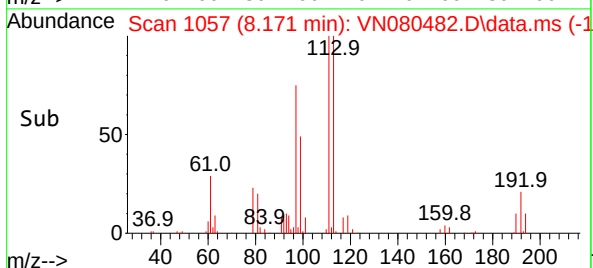
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

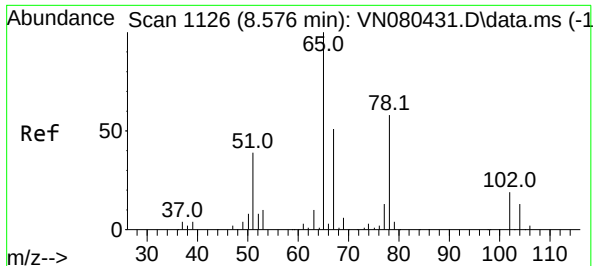


#32
1,1,1-Trichloroethane
Concen: 18.758 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



Tgt Ion: 97 Resp: 91329
Ion Ratio Lower Upper
97 100
99 60.6 50.3 75.5
61 40.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.969 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 65 Resp: 168459

Ion Ratio Lower Upper

65 100

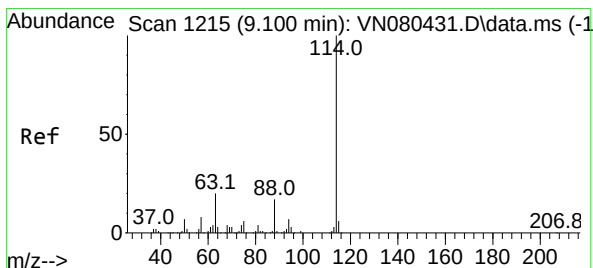
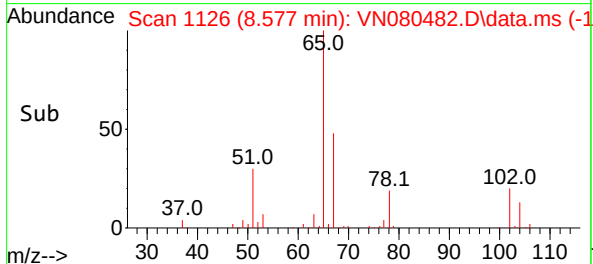
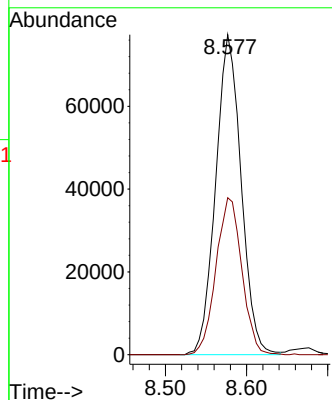
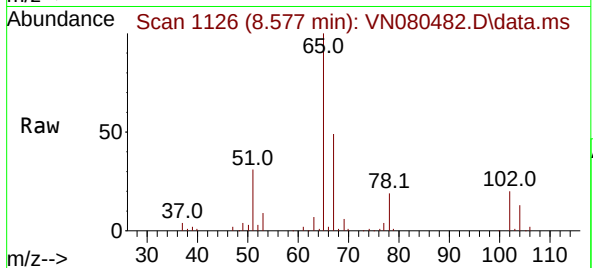
67 49.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

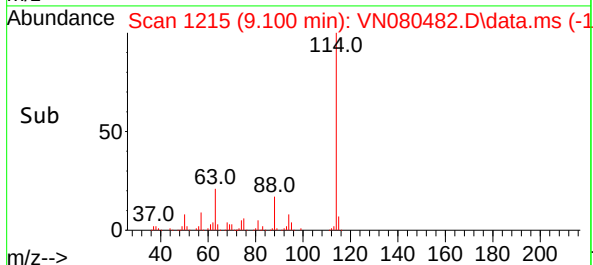
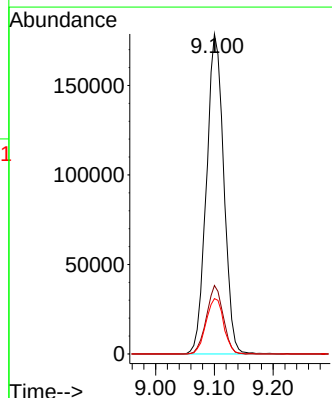
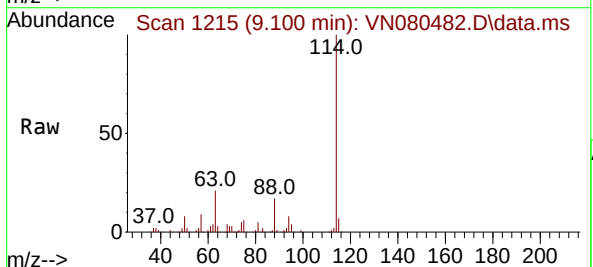
Tgt Ion:114 Resp: 364763

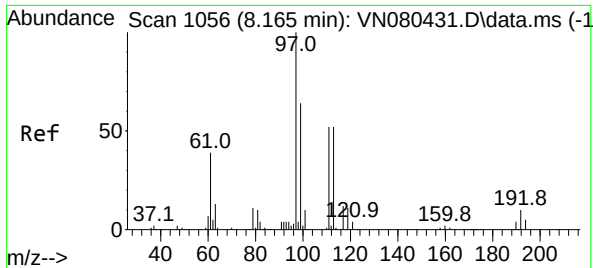
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

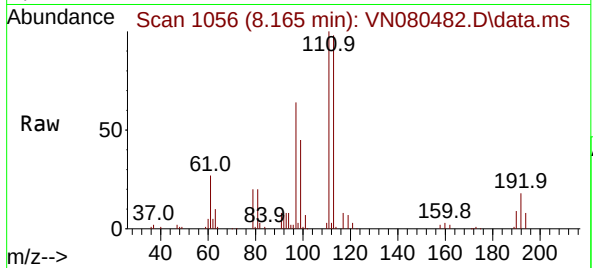
88 17.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.344 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

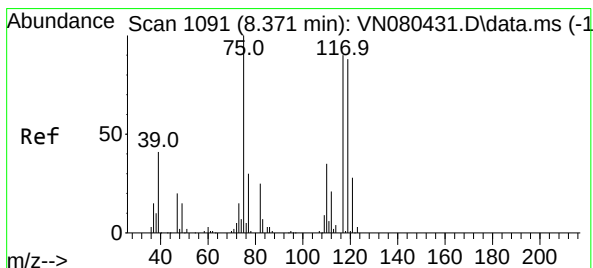
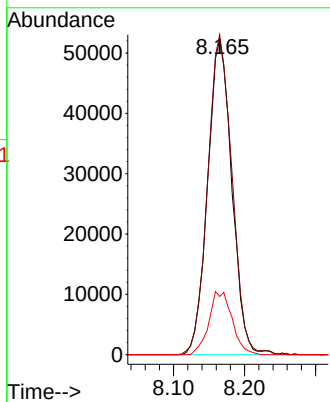
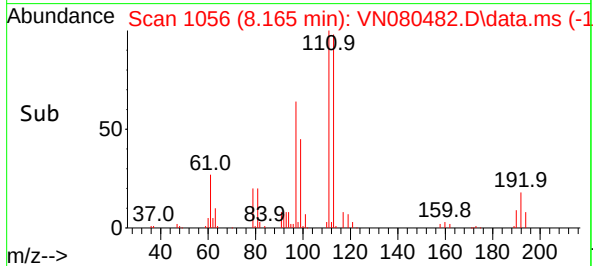
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 113 Resp: 123370
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.3 12.7 19.1

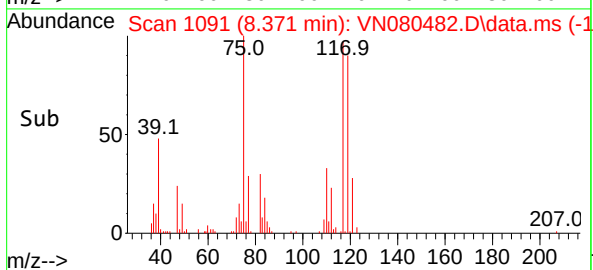
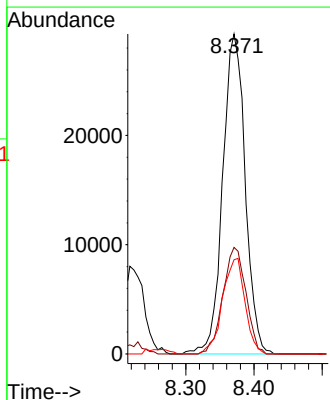
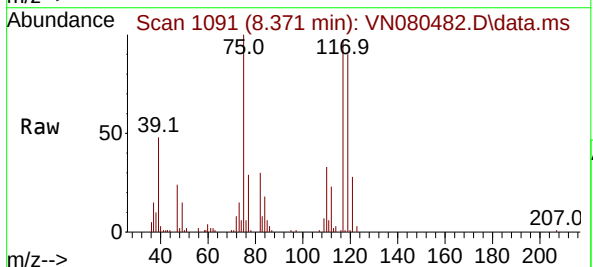
Manual Integrations
APPROVED

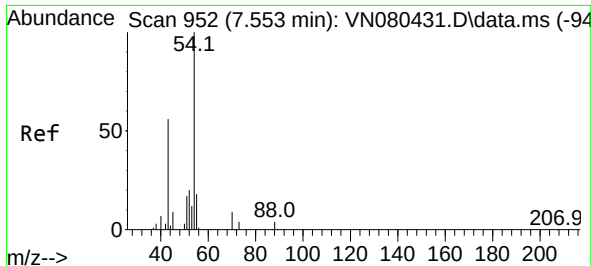
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#36
1,1-Dichloropropene
Concen: 17.779 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion: 75 Resp: 67232
Ion Ratio Lower Upper
75 100
110 34.1 19.1 57.3
77 29.7 25.0 37.4





#37

Ethyl Acetate

Concen: 19.488 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080482.D

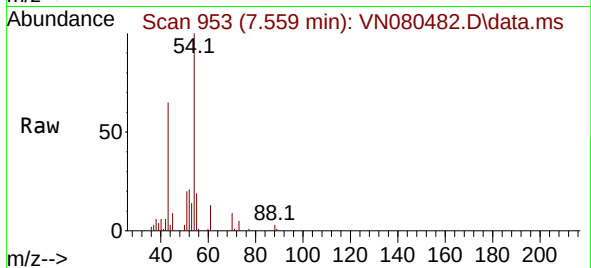
Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02



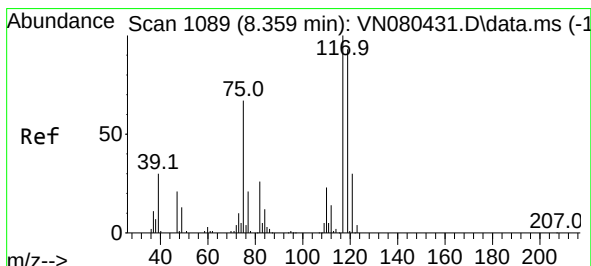
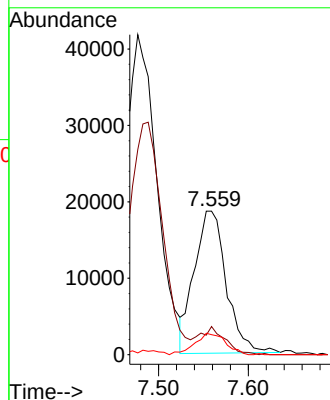
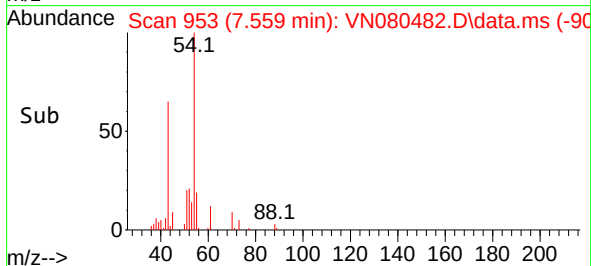
Tgt Ion:	43	Resp:	46140
Ion	Ratio	Lower	Upper
43	100		
61	15.9	13.2	19.8
70	14.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#38

Carbon Tetrachloride

Concen: 18.147 ug/l

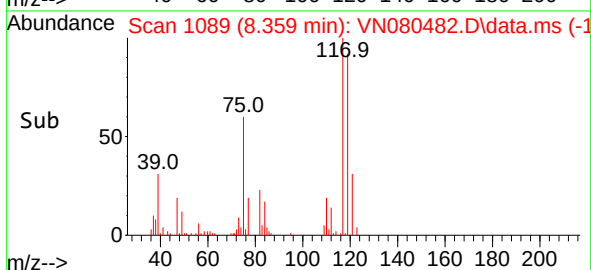
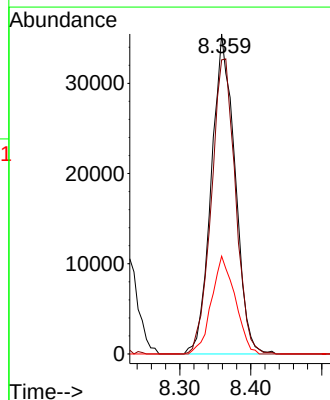
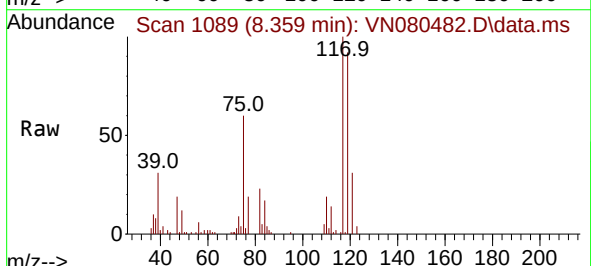
RT: 8.359 min Scan# 1089

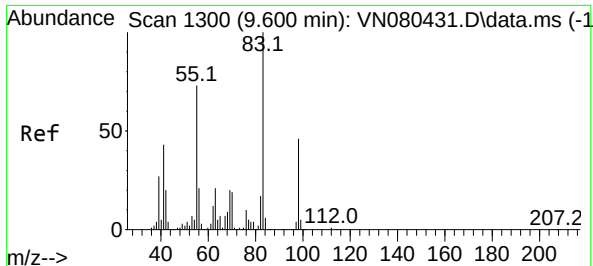
Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

Tgt Ion:	117	Resp:	81995
Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.3	115.9
121	30.6	23.3	34.9





#39

Methylcyclohexane

Concen: 14.983 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

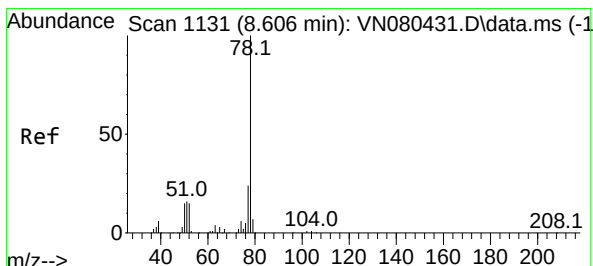
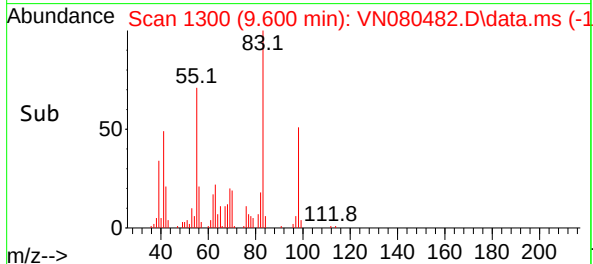
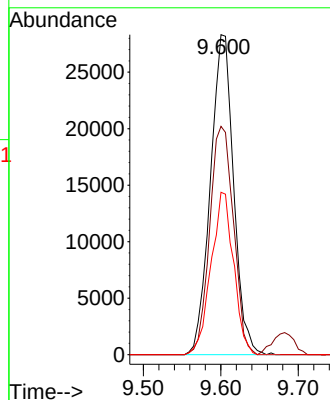
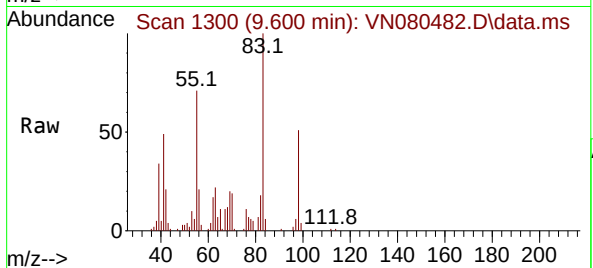
Tgt Ion:	83	Resp:	5885
Ion Ratio	Lower	Upper	
83	100		
55	71.4	49.1	73.7
98	50.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#40

Benzene

Concen: 18.899 ug/l

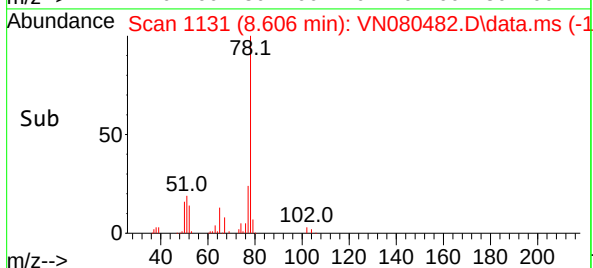
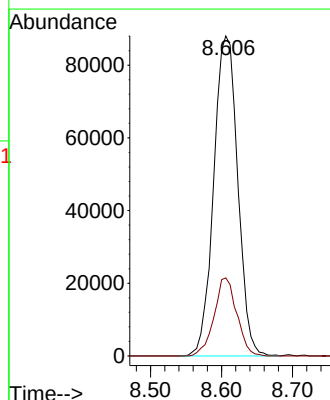
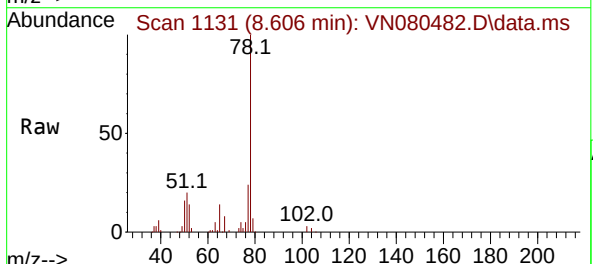
RT: 8.606 min Scan# 1131

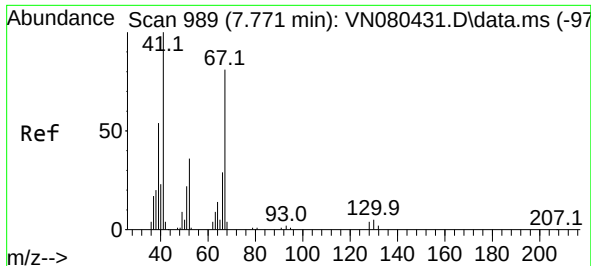
Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

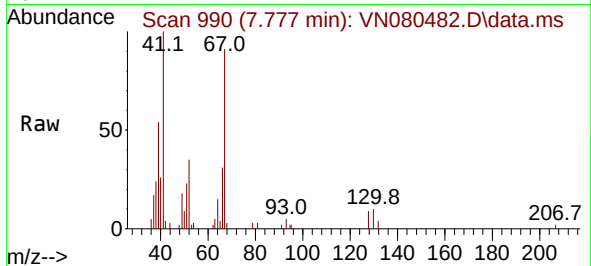
Tgt Ion:	78	Resp:	206368
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.0	28.6





#41
Methacrylonitrile
Concen: 20.658 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

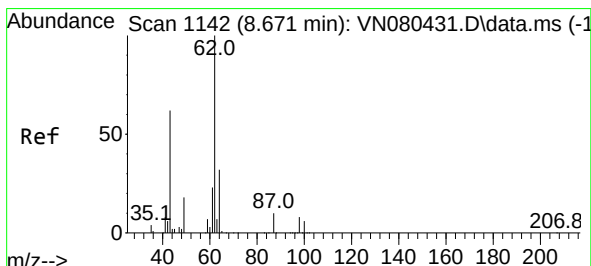
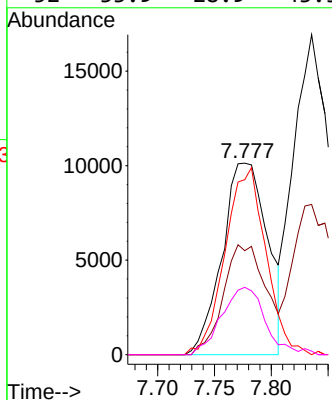
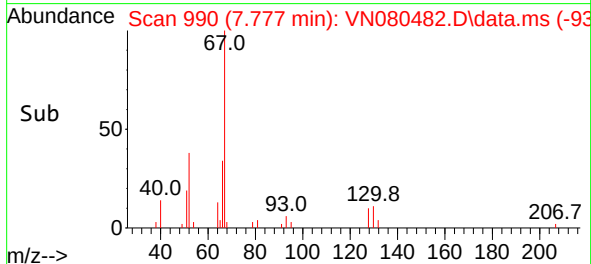
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 41 Resp: 2820
Ion Ratio Lower Upper
41 100
39 53.9 42.6 64.0
67 87.6 77.5 116.3
52 33.9 28.9 43.3

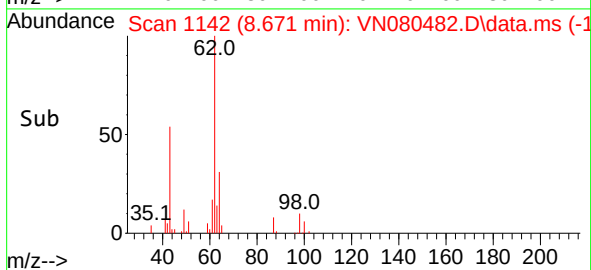
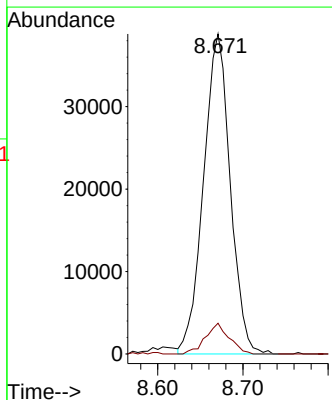
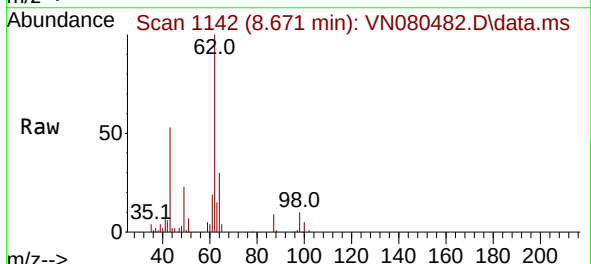
Manual Integrations
APPROVED

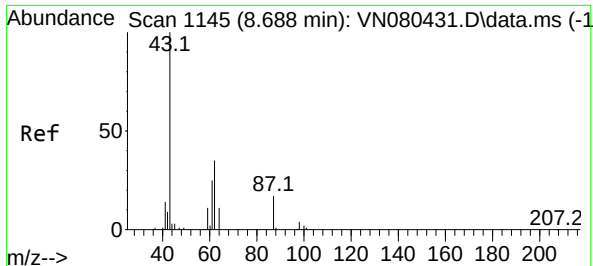
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#42
1,2-Dichloroethane
Concen: 20.926 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion: 62 Resp: 84616
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.8





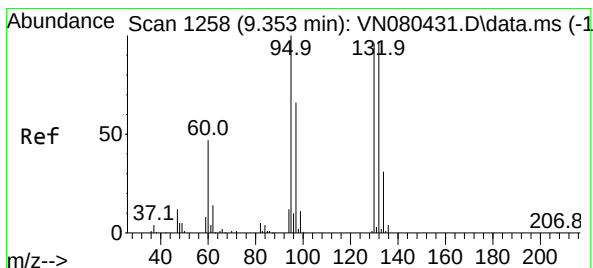
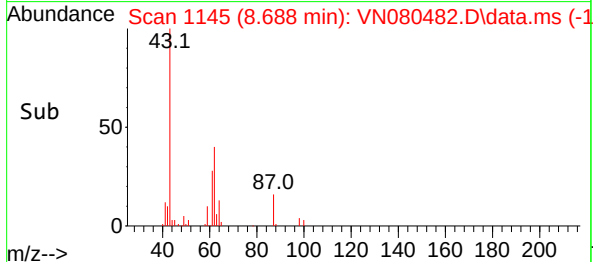
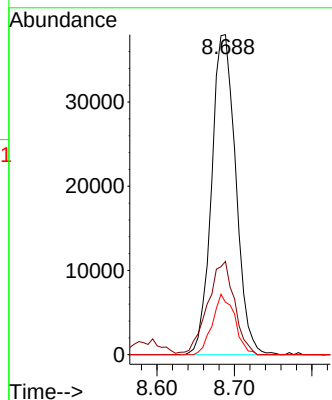
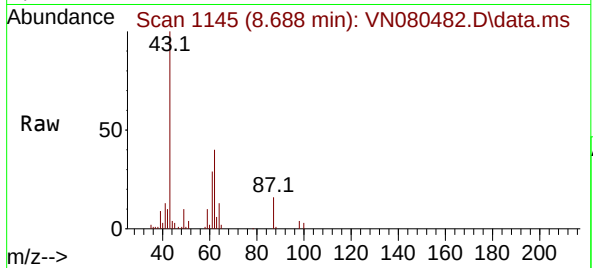
#43
Isopropyl Acetate
Concen: 19.386 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 43 Resp: 82538
Ion Ratio Lower Upper
43 100
61 32.3 24.7 37.1
87 17.4 14.6 21.8

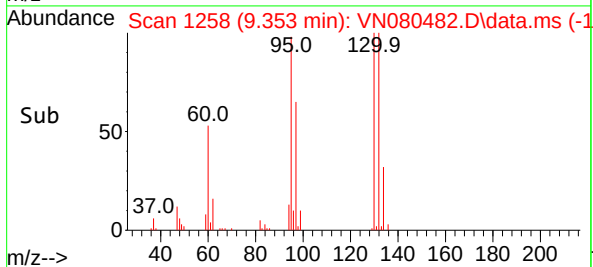
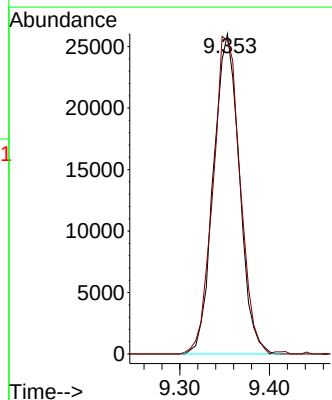
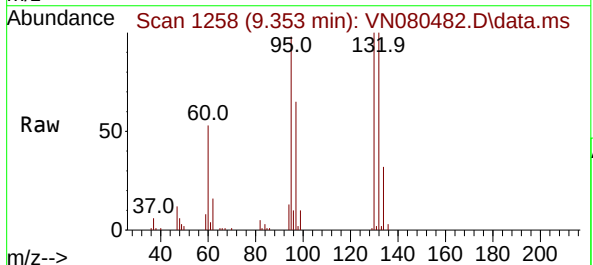
Manual Integrations
APPROVED

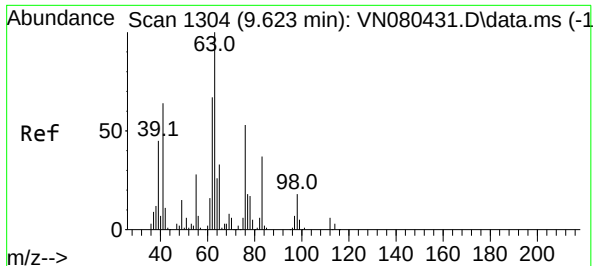
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#44
Trichloroethene
Concen: 17.711 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion:130 Resp: 52138
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.984 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 63 Resp: 4868

Ion Ratio Lower Upper

63 100

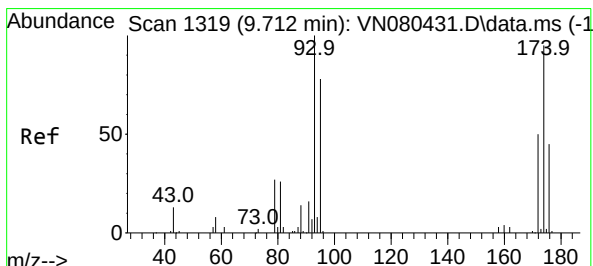
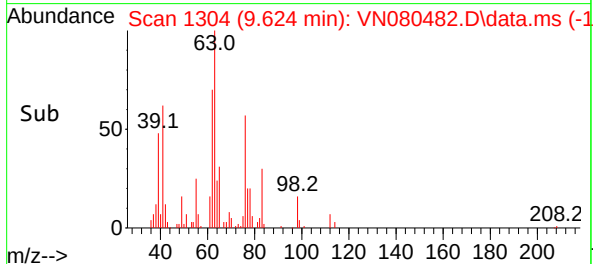
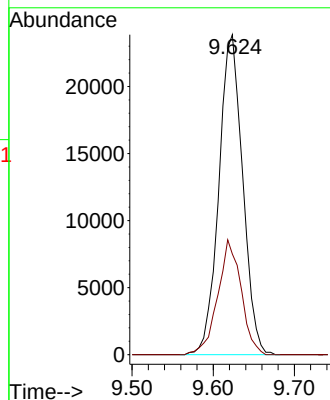
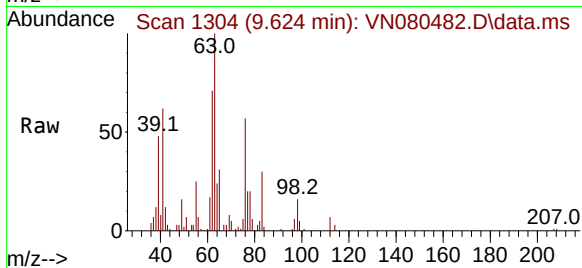
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#46

Dibromomethane

Concen: 20.043 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

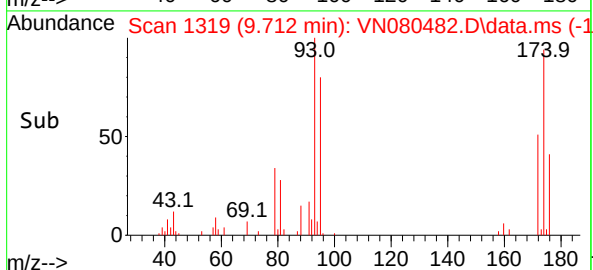
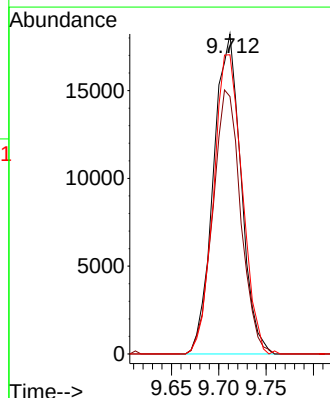
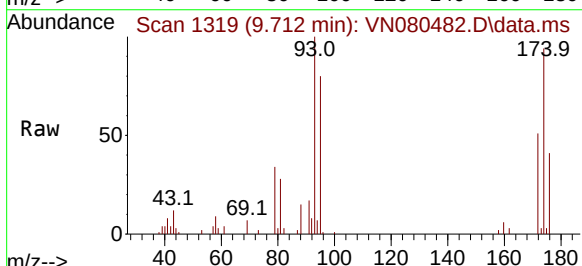
Tgt Ion: 93 Resp: 36916

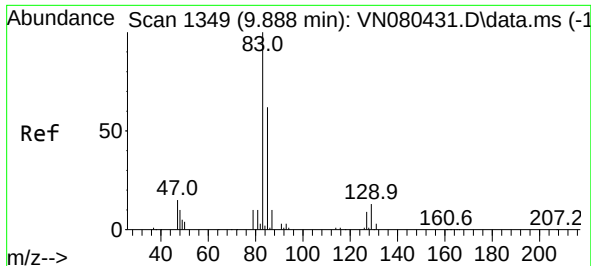
Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

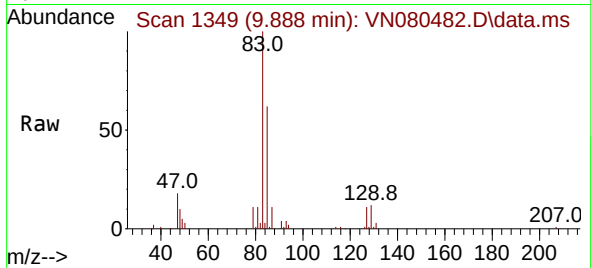
174 97.1 65.6 98.4





#47
Bromodichloromethane
Concen: 20.483 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

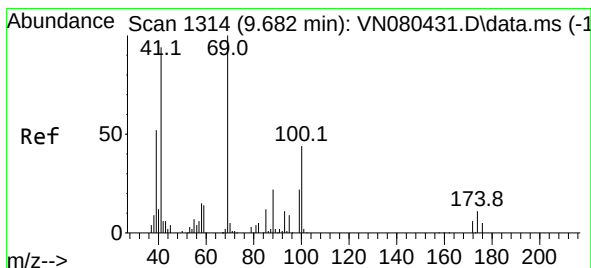
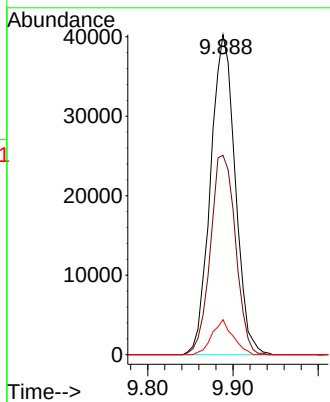
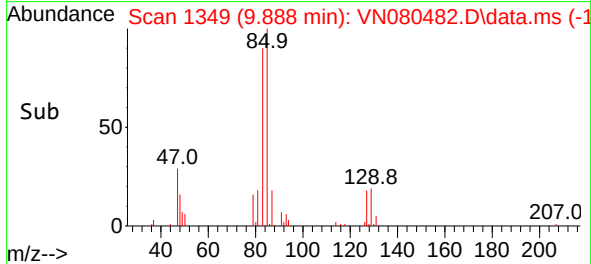
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 83 Resp: 80852
Ion Ratio Lower Upper
83 100
85 62.3 49.6 74.4
127 11.0 7.0 10.6

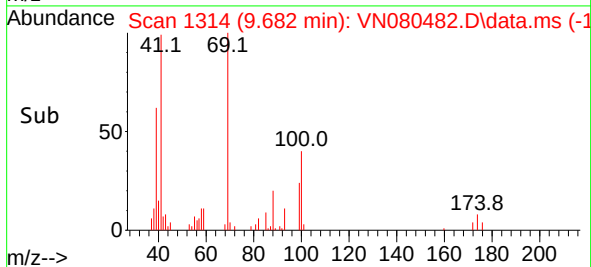
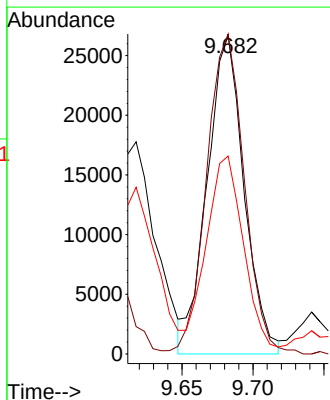
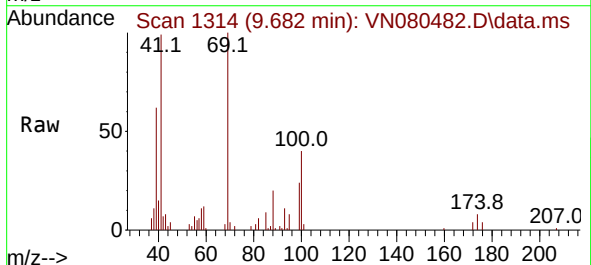
Manual Integrations
APPROVED

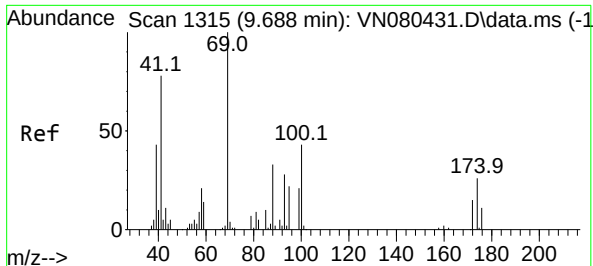
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#48
Methyl methacrylate
Concen: 18.950 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

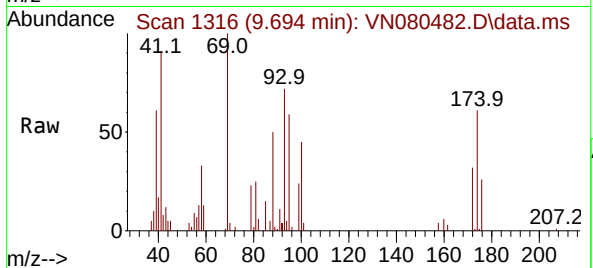
Tgt Ion: 41 Resp: 48147
Ion Ratio Lower Upper
41 100
69 102.8 90.4 135.6
39 63.0 54.6 81.8





#49
1,4-Dioxane
Concen: 377.549 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

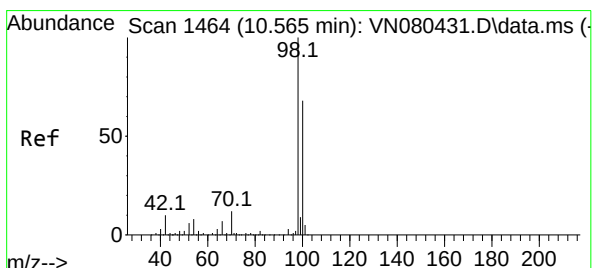
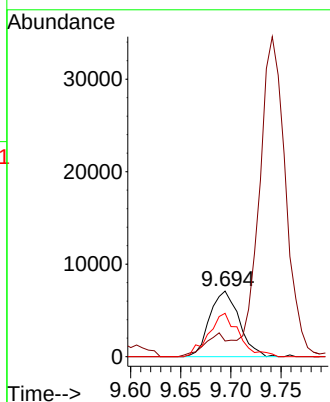
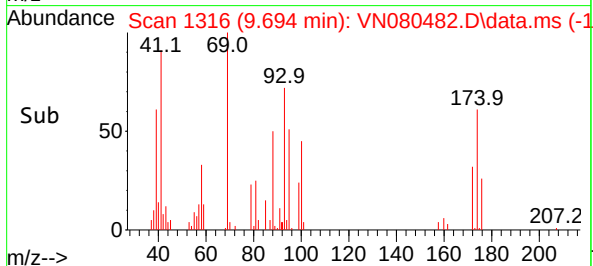
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 88 Resp: 14540
Ion Ratio Lower Upper
88 100
43 33.4 17.0 25.6
58 67.7 47.0 70.4

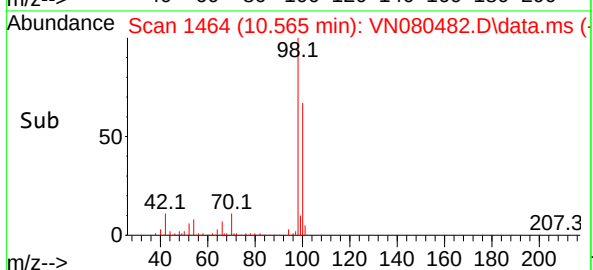
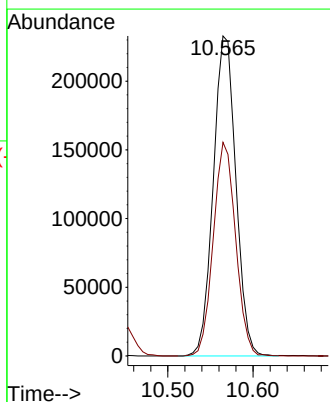
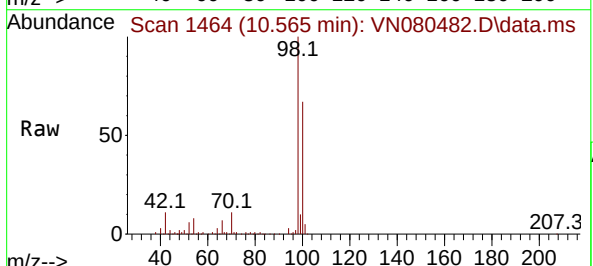
Manual Integrations
APPROVED

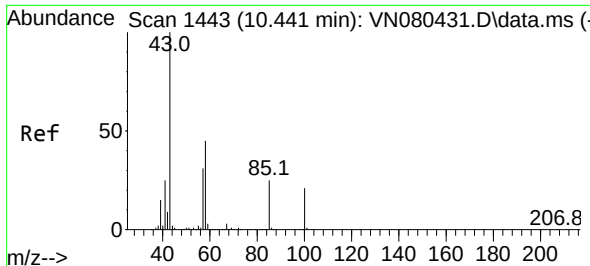
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#50
Toluene-d8
Concen: 49.859 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

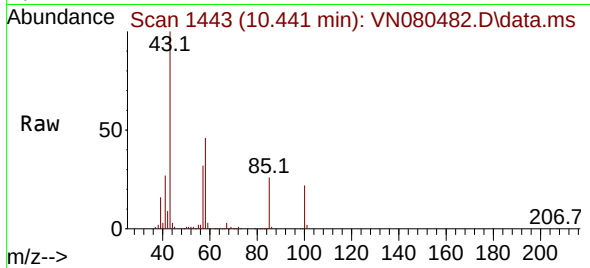
Tgt Ion: 98 Resp: 430054
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 98.493 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

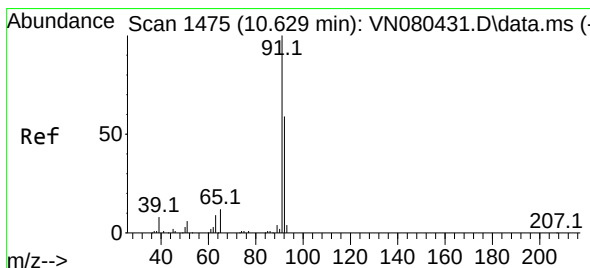
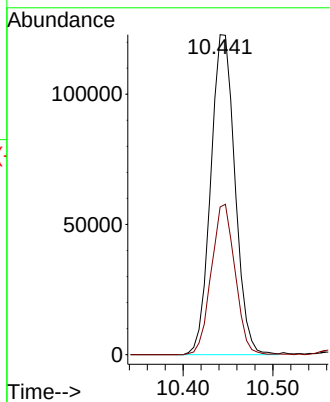
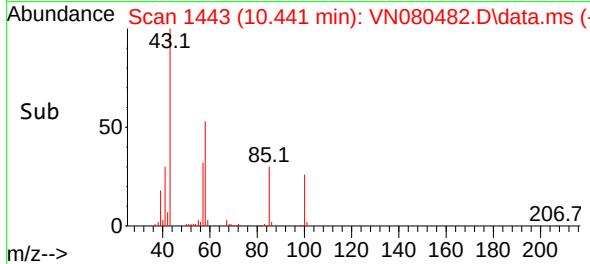
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 43 Resp: 230954
Ion Ratio Lower Upper
43 100
58 46.1 36.6 54.8

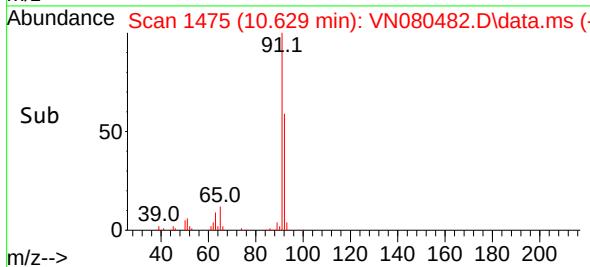
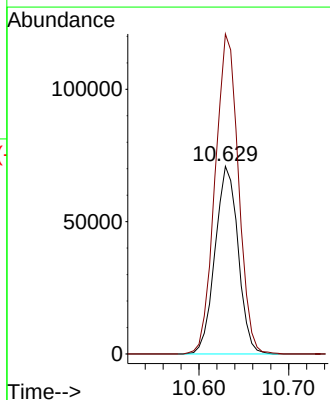
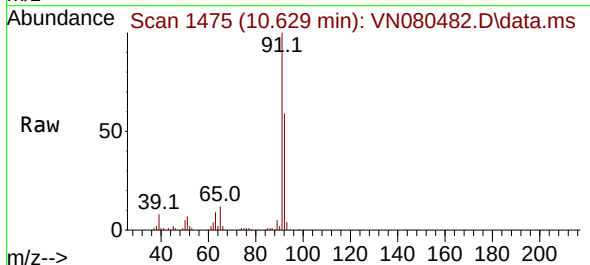
Manual Integrations
APPROVED

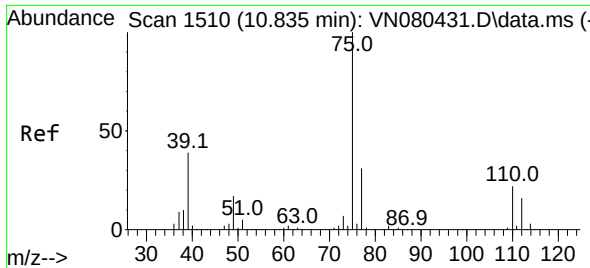
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#52
Toluene
Concen: 18.288 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion: 92 Resp: 126155
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.846 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

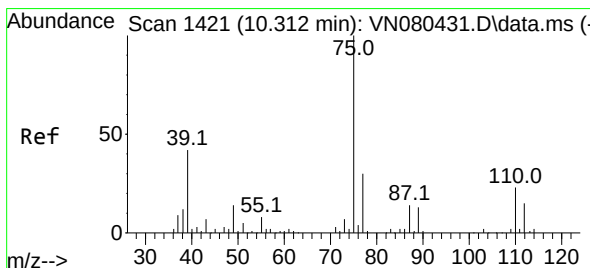
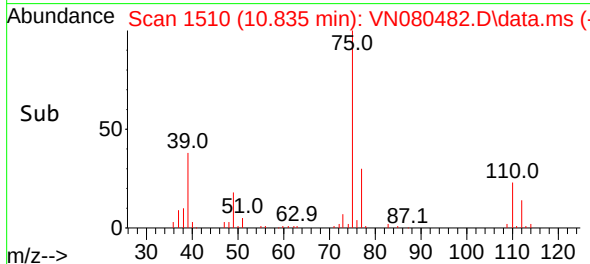
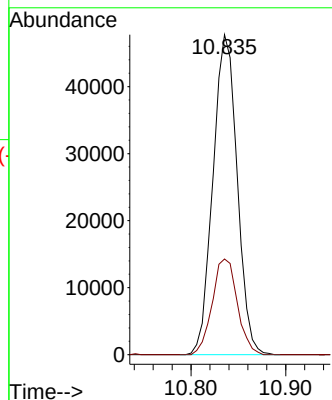
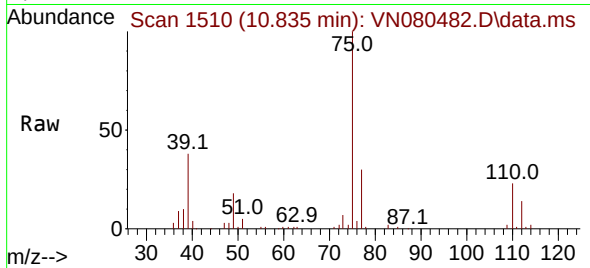
VN1214WBSD02

Tgt Ion: 75 Resp: 84759
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0

Manual Integrations

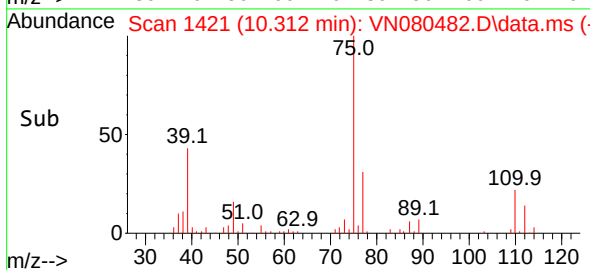
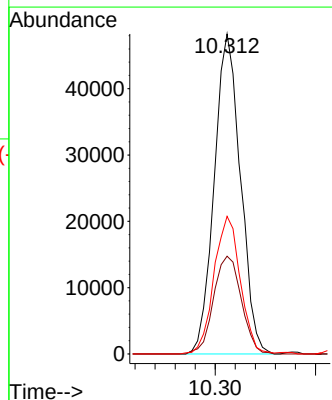
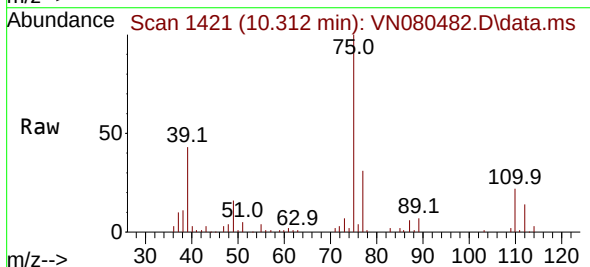
APPROVED

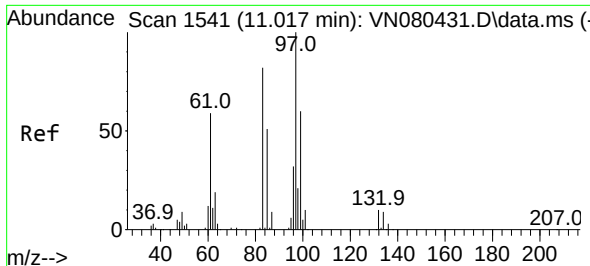
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#54
cis-1,3-Dichloropropene
Concen: 19.170 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

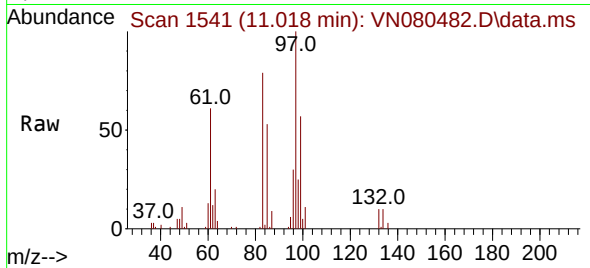
Tgt Ion: 75 Resp: 87507
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 43.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.015 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

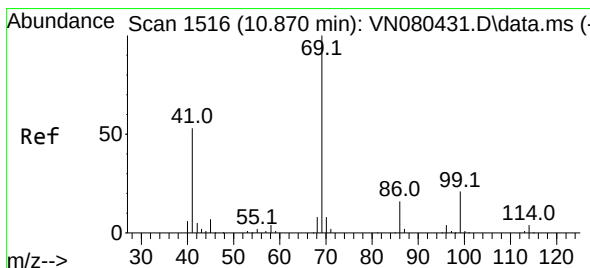
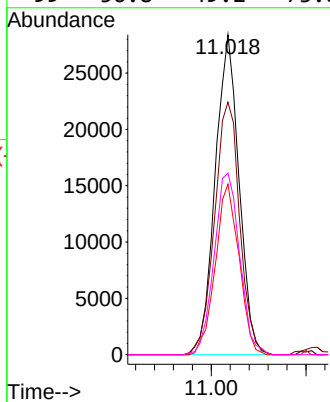
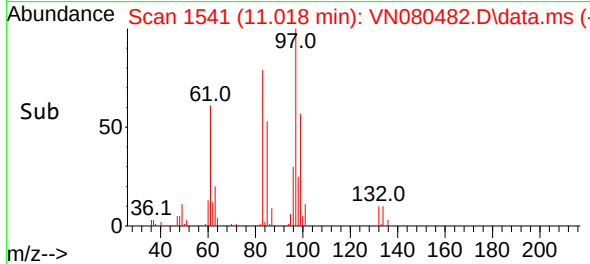
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 97 Resp: 49680
Ion Ratio Lower Upper
97 100
83 78.9 65.1 97.7
85 53.3 43.4 65.2
99 56.8 49.2 73.8

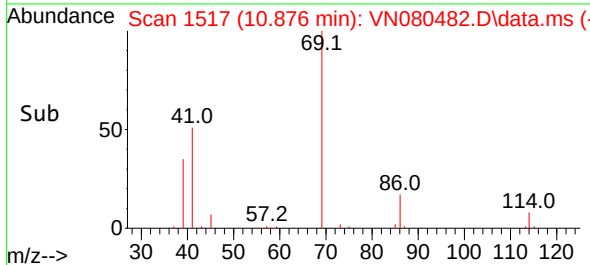
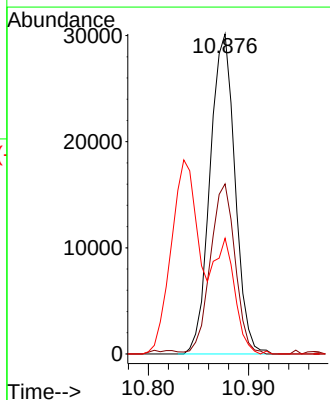
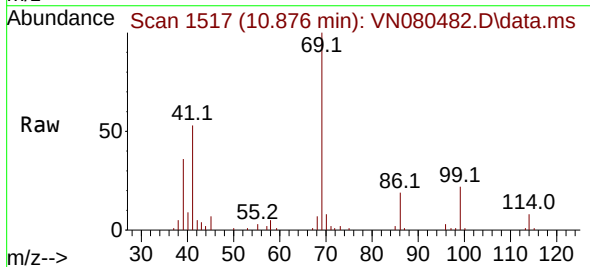
Manual Integrations
APPROVED

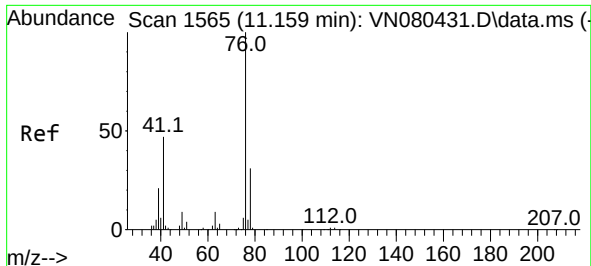
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#56
Ethyl methacrylate
Concen: 18.955 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion: 69 Resp: 52091
Ion Ratio Lower Upper
69 100
41 52.8 39.6 59.4
39 30.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.045 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02

Tgt Ion: 76 Resp: 87220

Ion Ratio Lower Upper

76 100

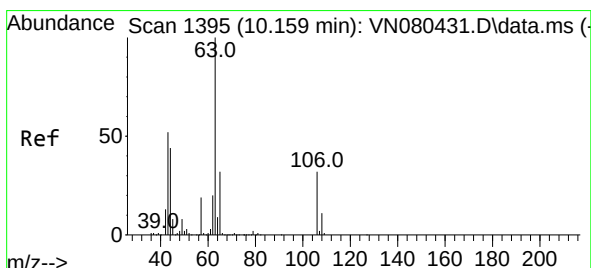
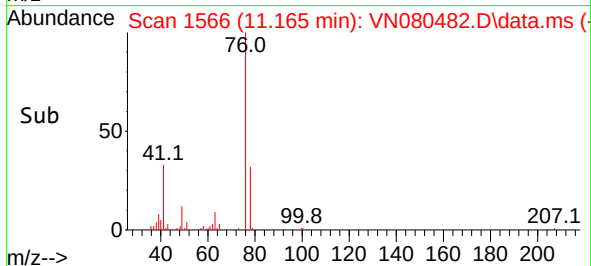
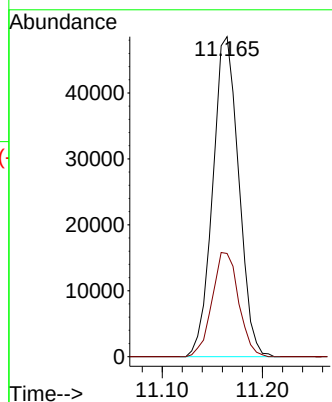
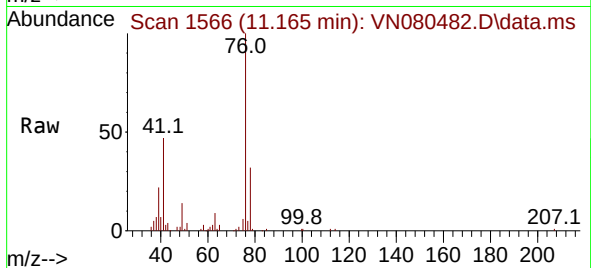
78 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 113.634 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080482.D

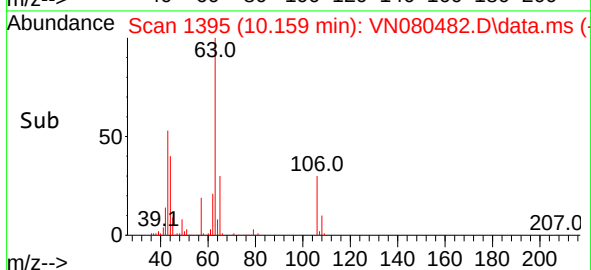
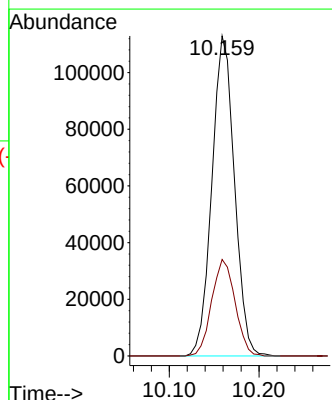
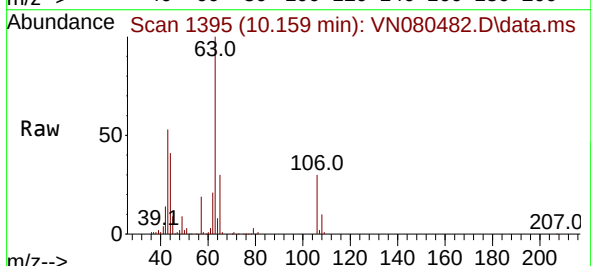
Acq: 14 Dec 2023 14:47

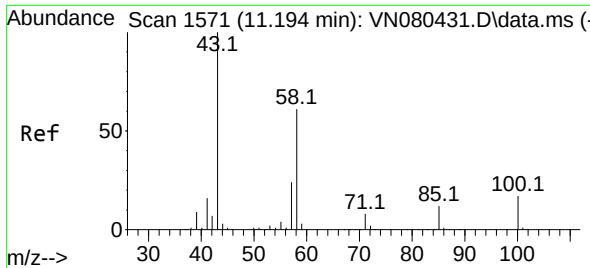
Tgt Ion: 63 Resp: 197140

Ion Ratio Lower Upper

63 100

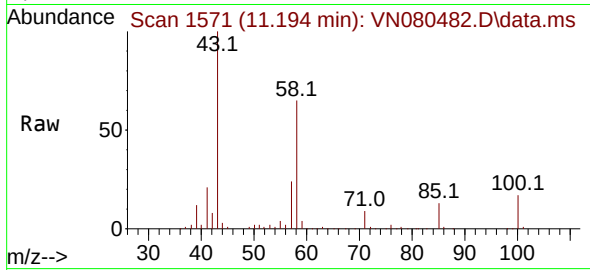
106 31.2 26.2 39.4





#59
2-Hexanone
Concen: 96.199 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

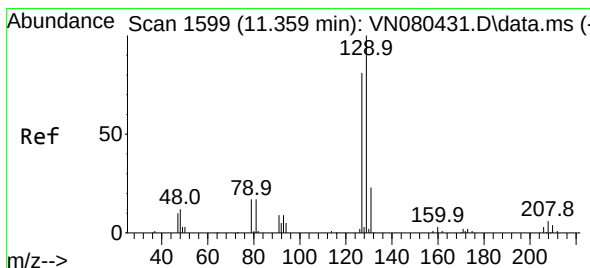
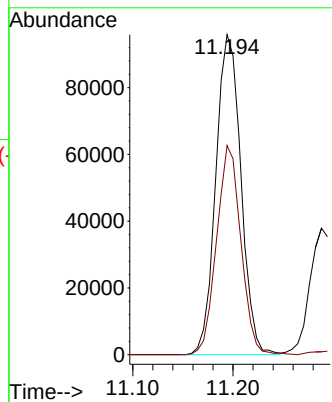
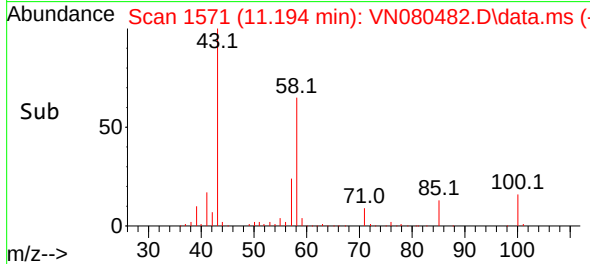
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



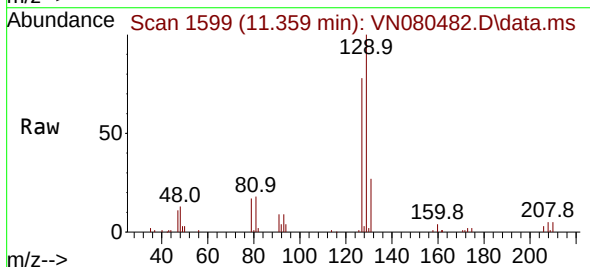
Tgt Ion: 43 Resp: 16653
Ion Ratio Lower Upper
43 100
58 63.3 31.7 95.1

Manual Integrations
APPROVED

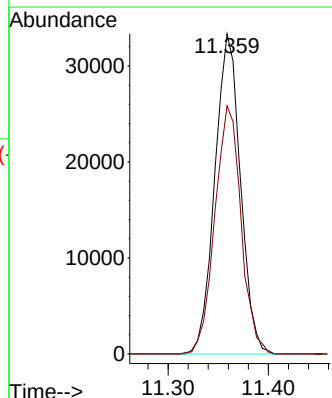
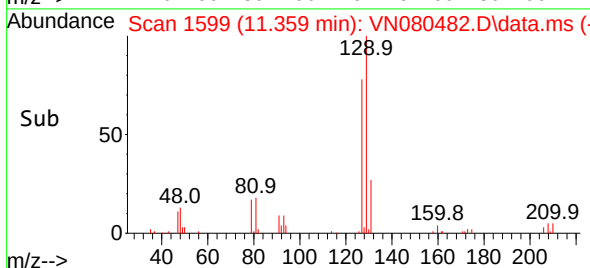
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

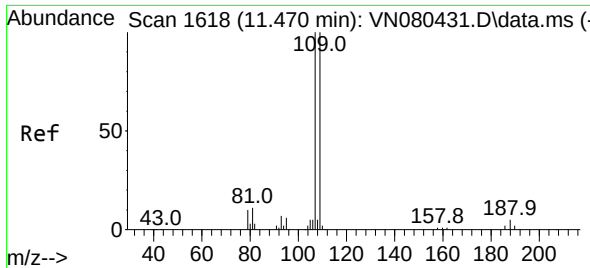


#60
Dibromochloromethane
Concen: 20.095 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



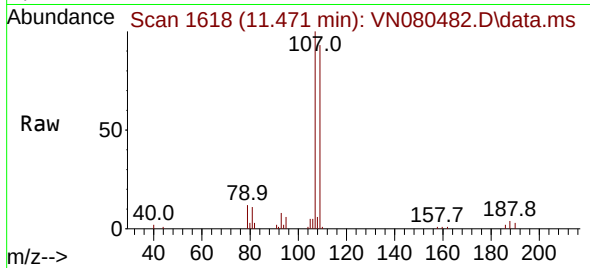
Tgt Ion:129 Resp: 59104
Ion Ratio Lower Upper
129 100
127 79.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.019 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

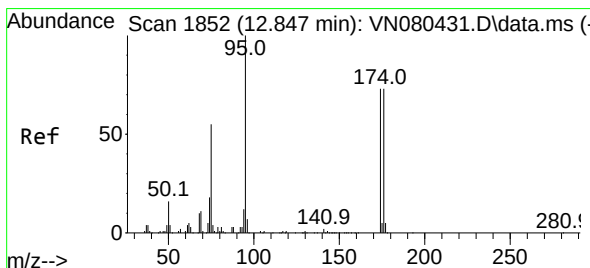
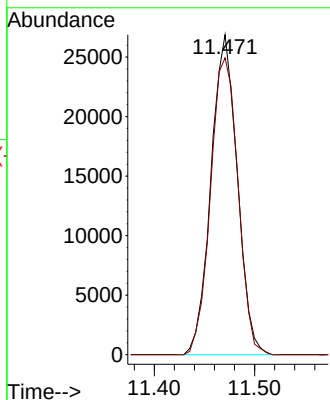
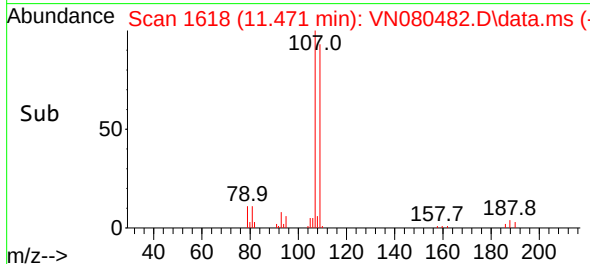
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



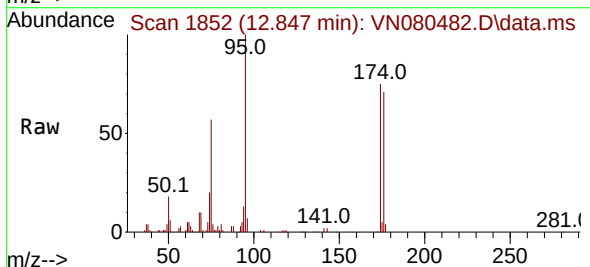
Tgt Ion:107 Resp: 48860
Ion Ratio Lower Upper
107 100
109 96.9 76.6 114.8

Manual Integrations
APPROVED

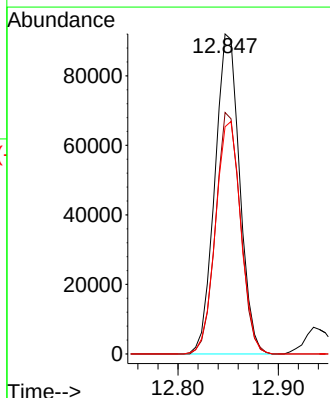
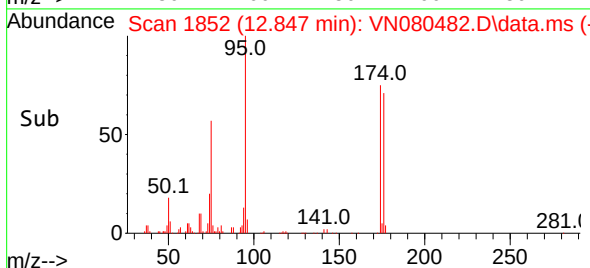
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

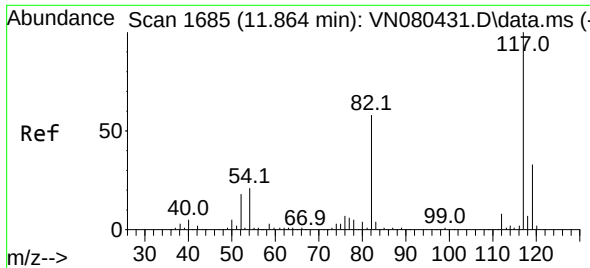


#62
4-Bromofluorobenzene
Concen: 48.175 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



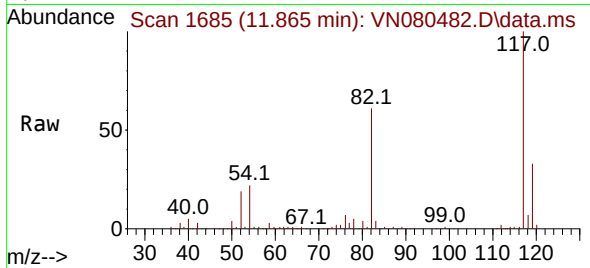
Tgt Ion: 95 Resp: 157787
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 74.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

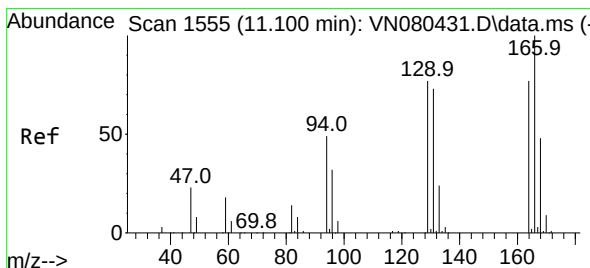
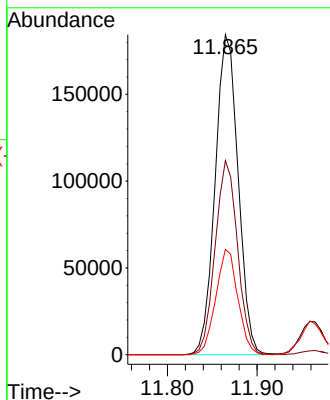
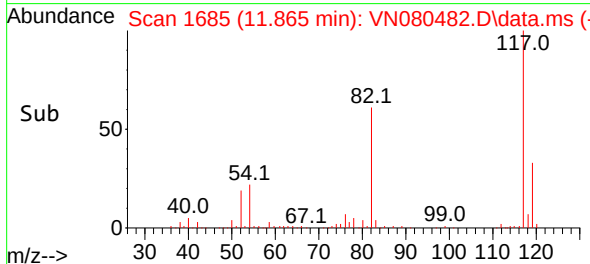
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



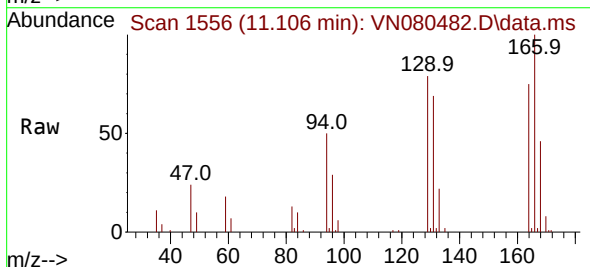
Tgt Ion:117 Resp: 328172
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 32.9 25.6 38.4

Manual Integrations
APPROVED

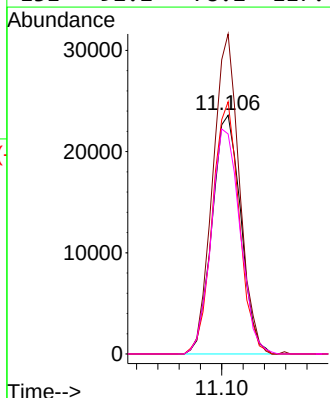
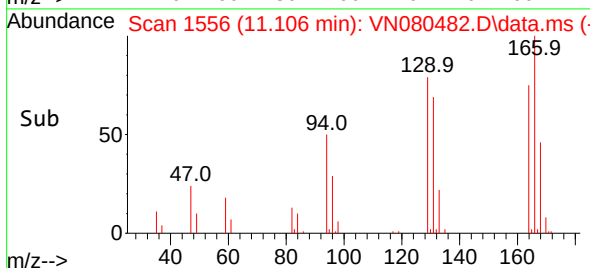
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

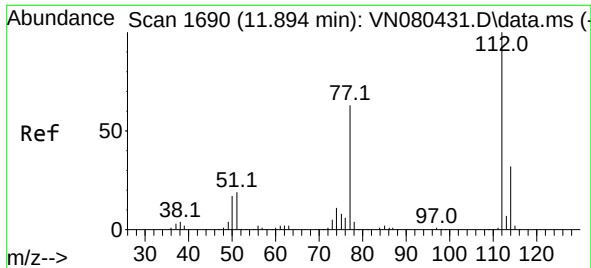


#64
Tetrachloroethene
Concen: 17.368 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



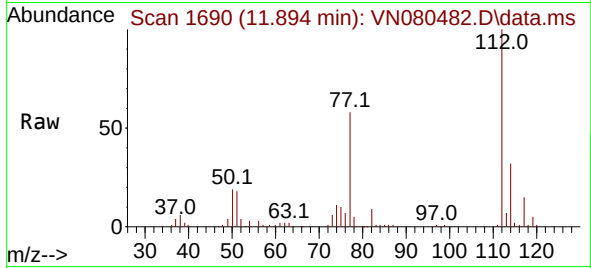
Tgt Ion:164 Resp: 44007
Ion Ratio Lower Upper
164 100
166 134.0 101.4 152.0
129 105.7 82.4 123.6
131 92.2 78.2 117.4





#65
Chlorobenzene
Concen: 18.074 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

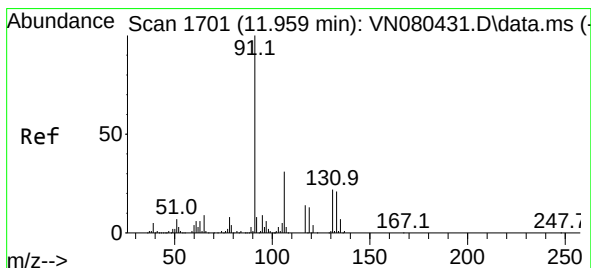
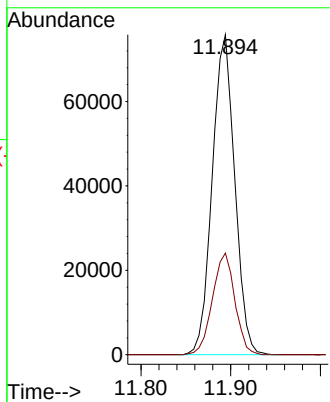
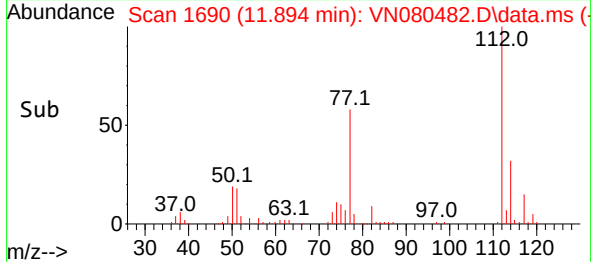
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



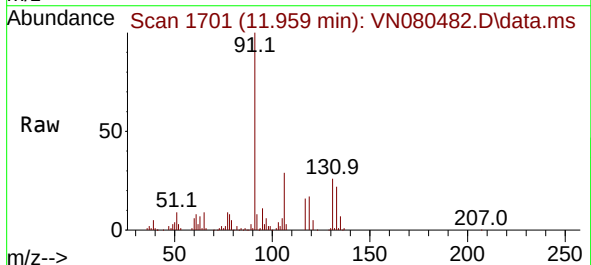
Tgt Ion:112 Resp: 131940
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

Manual Integrations
APPROVED

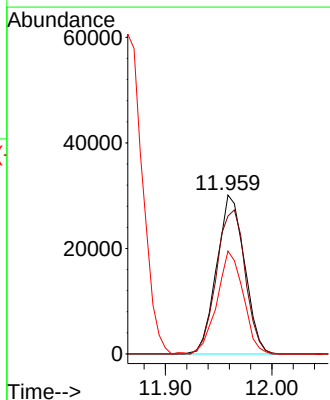
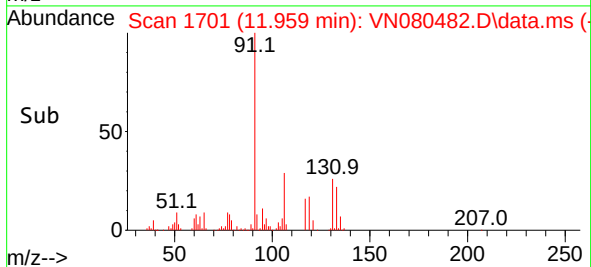
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

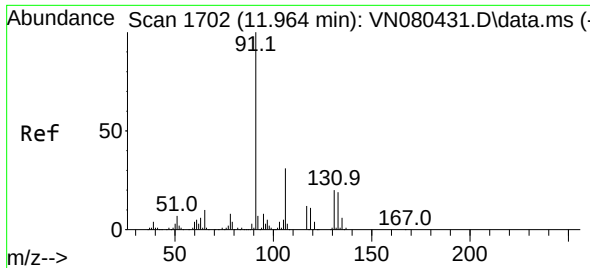


#66
1,1,1,2-Tetrachloroethane
Concen: 19.081 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



Tgt Ion:131 Resp: 54658
Ion Ratio Lower Upper
131 100
133 94.0 46.4 139.1
119 61.0 34.1 102.2





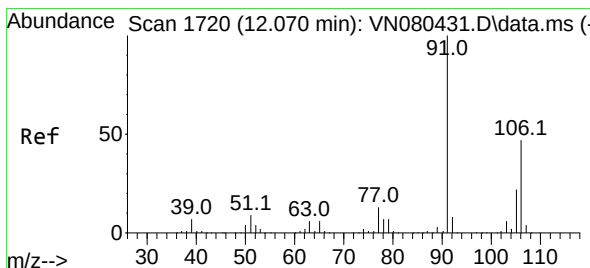
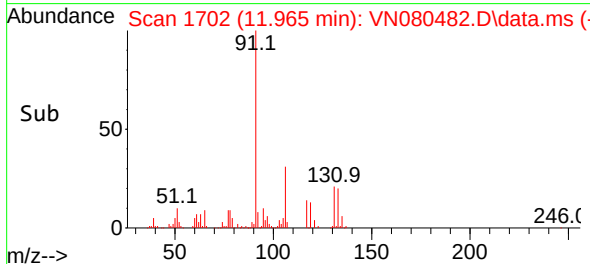
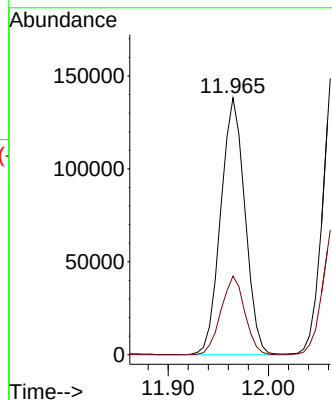
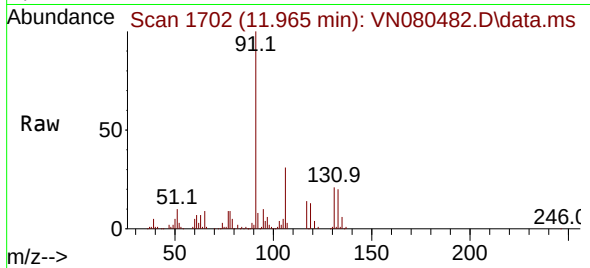
#67
Ethyl Benzene
Concen: 17.258 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 91 Resp: 23165
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4

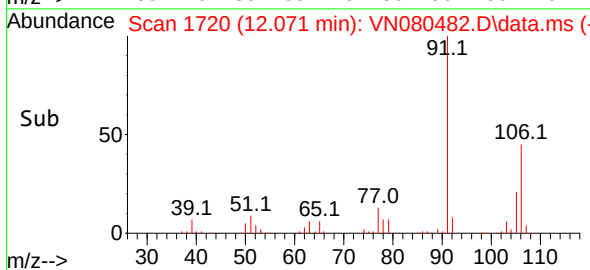
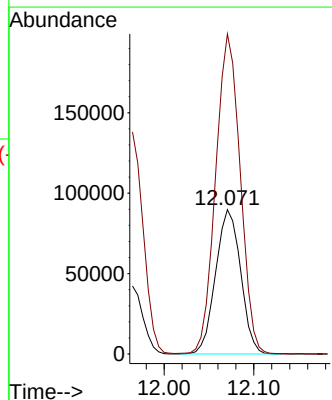
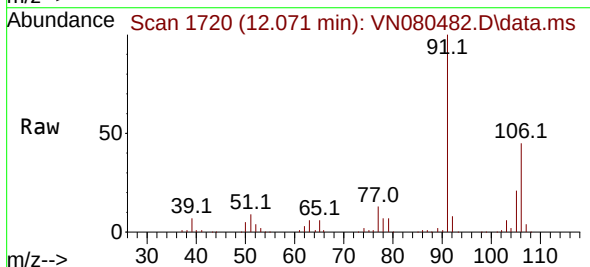
Manual Integrations
APPROVED

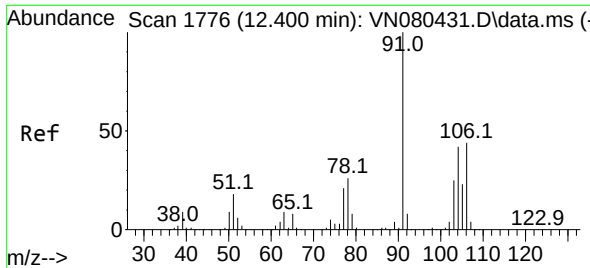
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#68
m/p-Xylenes
Concen: 35.043 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion:106 Resp: 173820
Ion Ratio Lower Upper
106 100
91 218.0 159.6 239.4





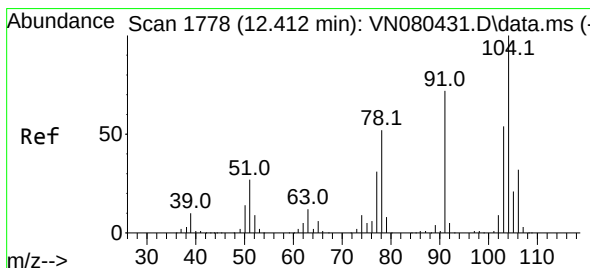
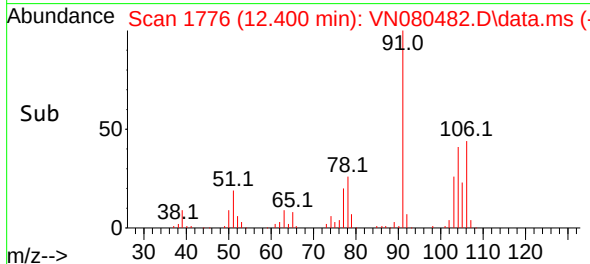
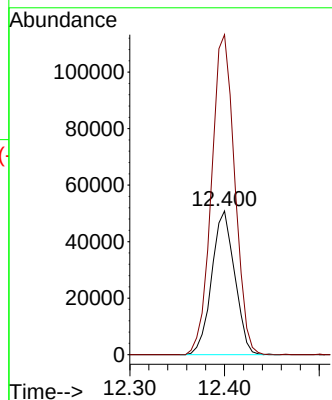
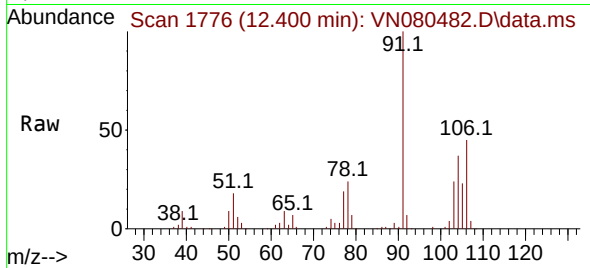
#69
o-Xylene
Concen: 17.623 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion:106 Resp: 8550
Ion Ratio Lower Upper
106 100
91 224.9 105.2 315.5

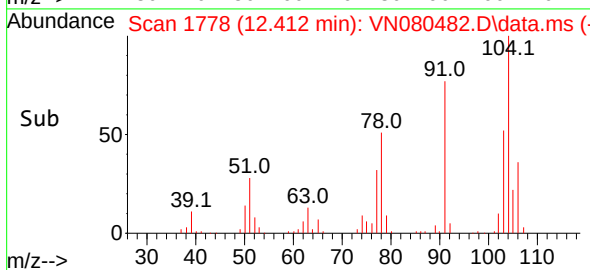
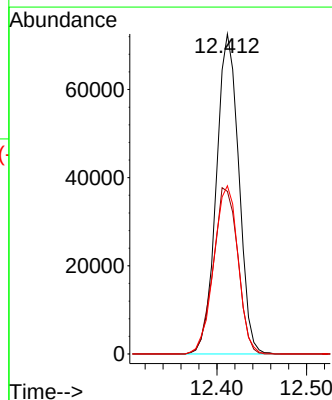
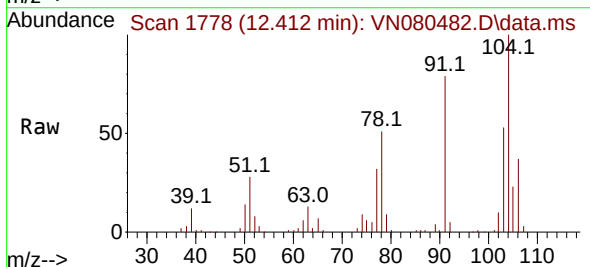
Manual Integrations
APPROVED

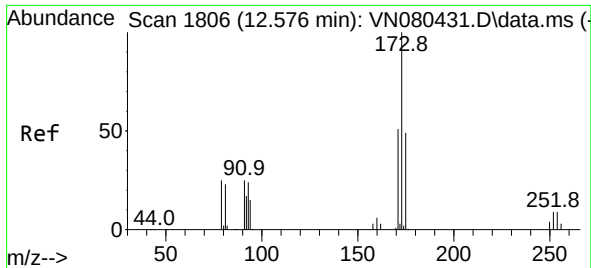
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#70
Styrene
Concen: 18.089 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

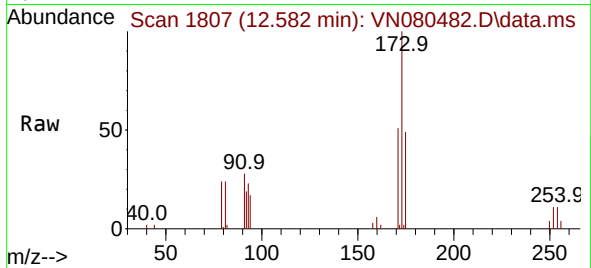
Tgt Ion:104 Resp: 126411
Ion Ratio Lower Upper
104 100
78 56.7 39.5 59.3
103 56.7 43.2 64.8





#71
Bromoform
Concen: 18.794 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

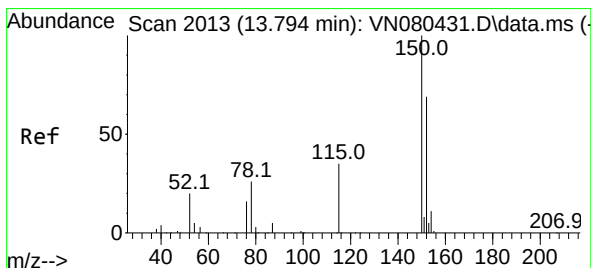
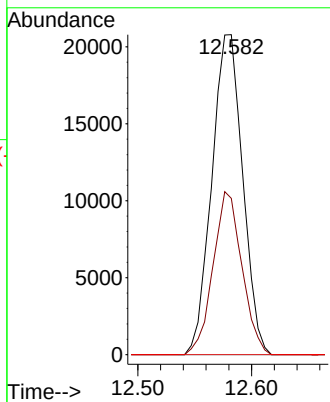
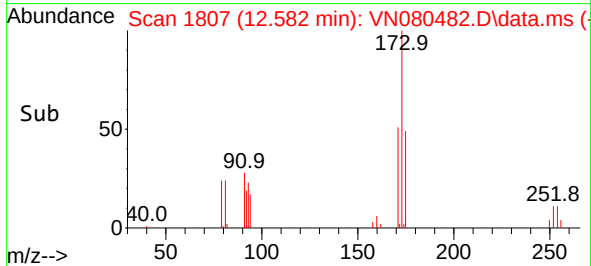
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



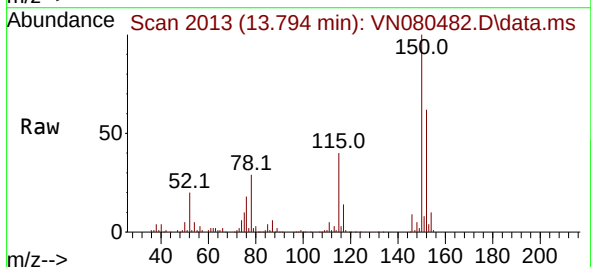
Tgt Ion:173 Resp: 39260
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

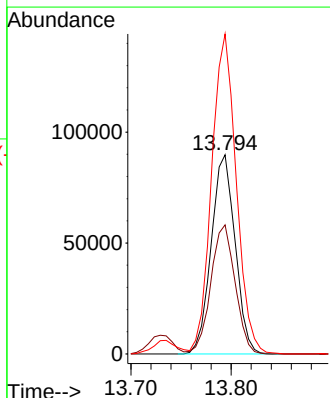
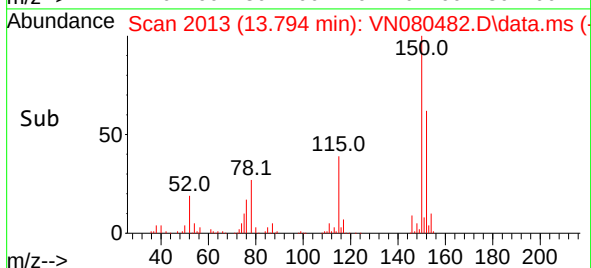
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

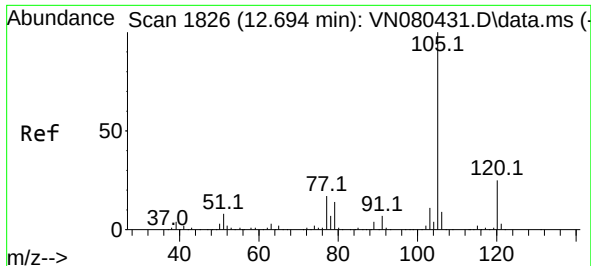


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



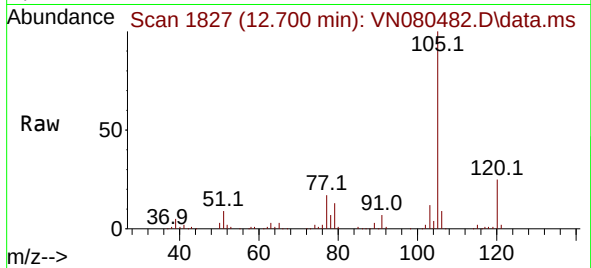
Tgt Ion:152 Resp: 148980
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 165.1 0.0 355.8





#73
Isopropylbenzene
Concen: 17.684 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

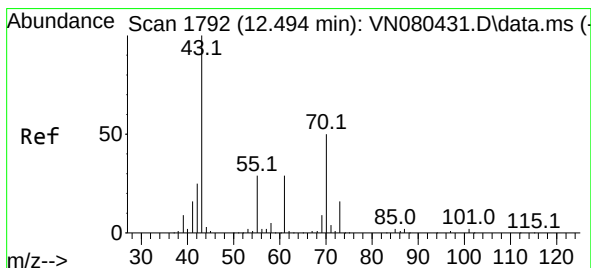
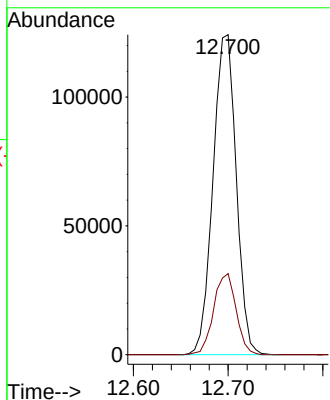
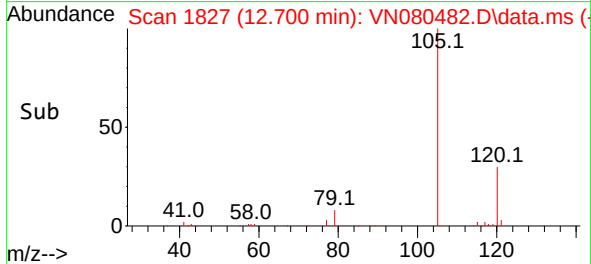
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion:105 Resp: 211640
Ion Ratio Lower Upper
105 100
120 24.5 13.1 39.1

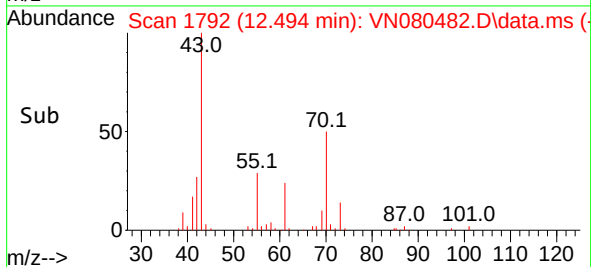
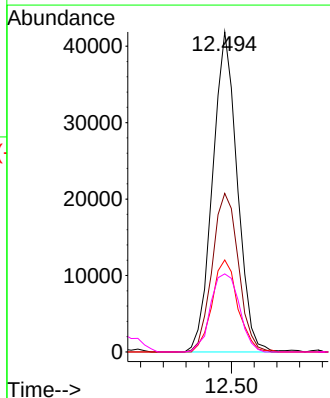
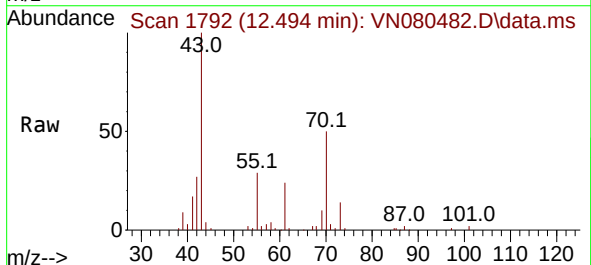
Manual Integrations
APPROVED

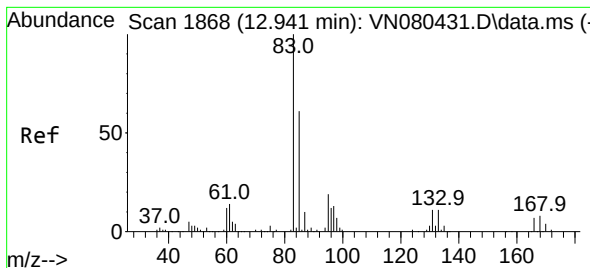
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#74
N-ethyl acetate
Concen: 18.060 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

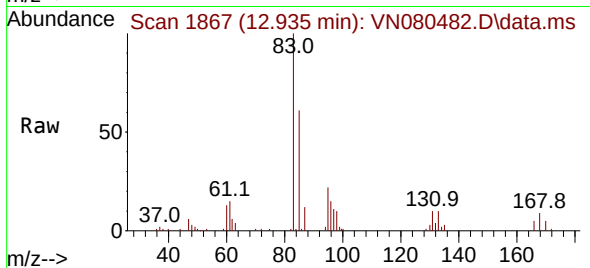
Tgt Ion: 43 Resp: 63116
Ion Ratio Lower Upper
43 100
70 52.6 43.4 65.2
55 29.9 21.4 32.0
61 28.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.085 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

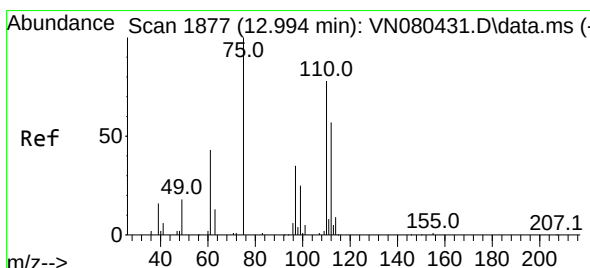
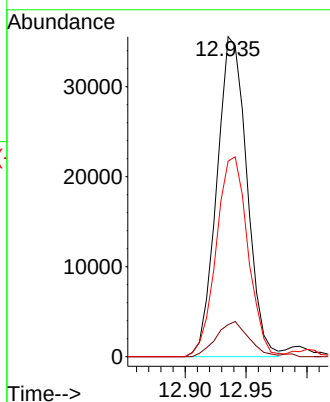
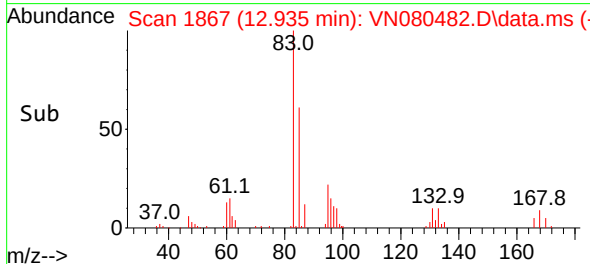
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



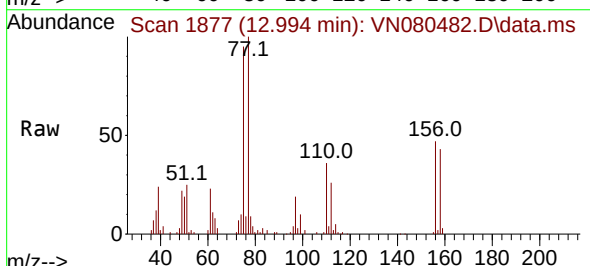
Tgt Ion: 83 Resp: 6120
Ion Ratio Lower Upper
83 100
131 11.9 5.0 15.0
85 65.9 31.9 95.7

Manual Integrations
APPROVED

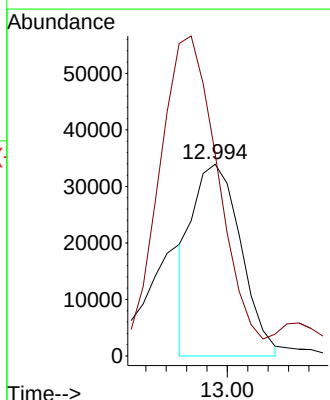
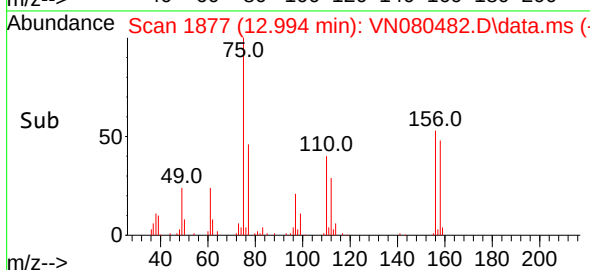
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

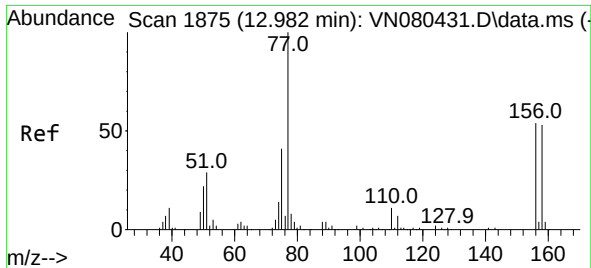


#76
1,2,3-Trichloropropane
Concen: 18.869 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



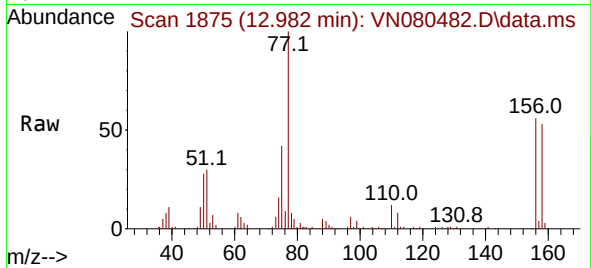
Tgt Ion: 75 Resp: 56079
Ion Ratio Lower Upper
75 100
77 206.2 84.5 253.5





#77
Bromobenzene
Concen: 19.127 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

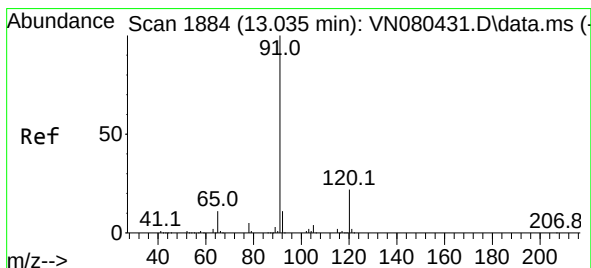
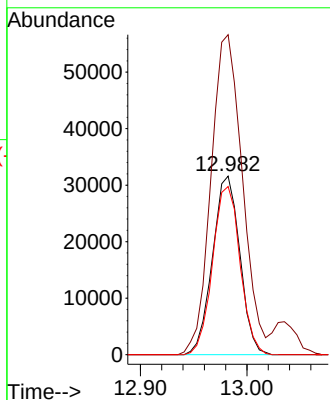
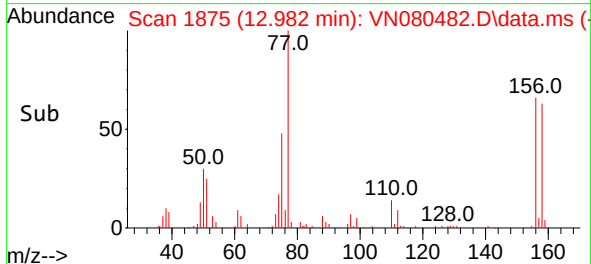
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



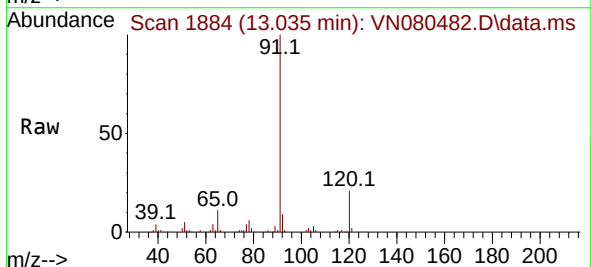
Tgt Ion:156 Resp: 5631
Ion Ratio Lower Upper
156 100
77 205.4 107.7 323.3
158 94.8 48.4 145.3

Manual Integrations
APPROVED

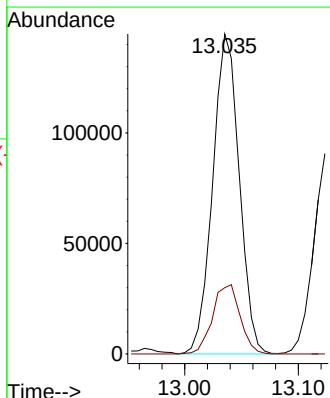
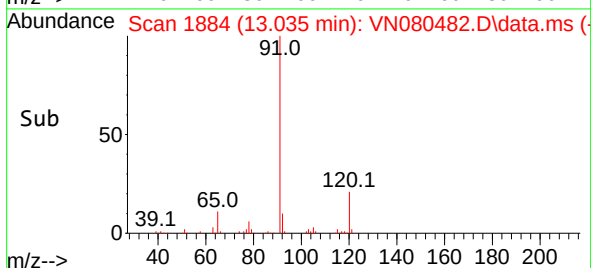
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

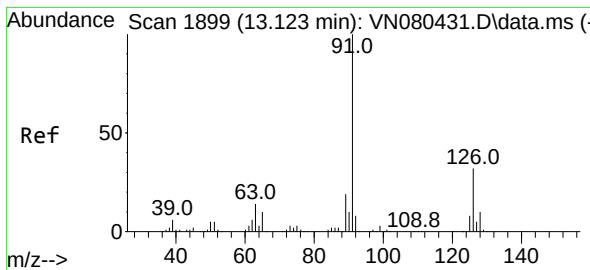


#78
n-propylbenzene
Concen: 17.825 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



Tgt Ion: 91 Resp: 235202
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





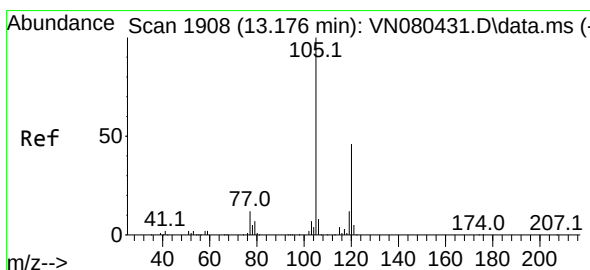
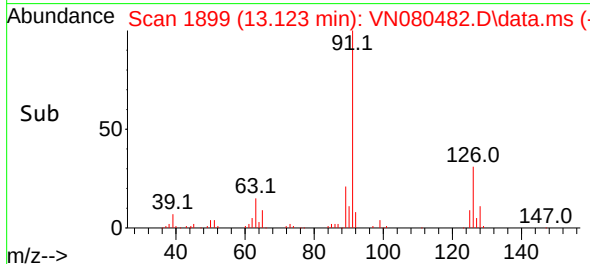
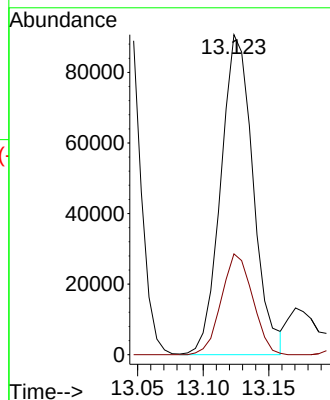
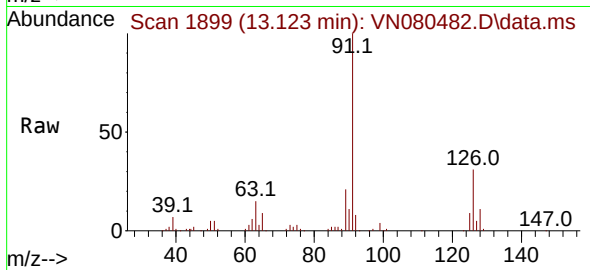
#79
2-Chlorotoluene
Concen: 18.085 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion: 91 Resp: 155798
Ion Ratio Lower Upper
91 100
126 30.3 16.3 48.8

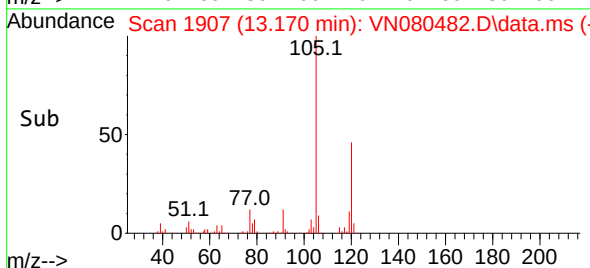
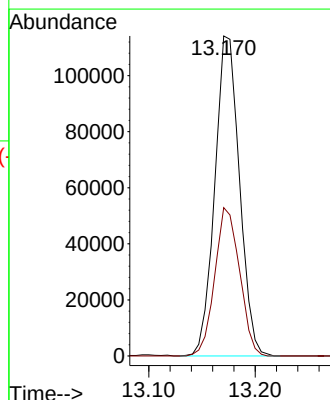
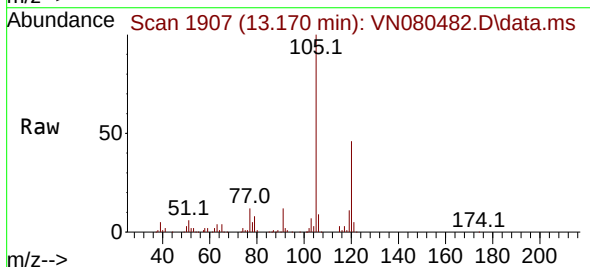
Manual Integrations
APPROVED

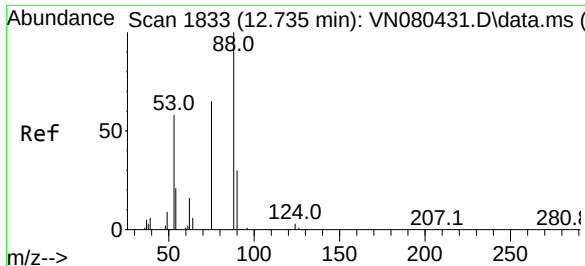
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.822 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

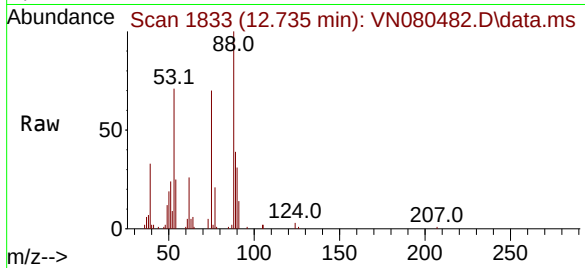
Tgt Ion:105 Resp: 183697
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.651 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

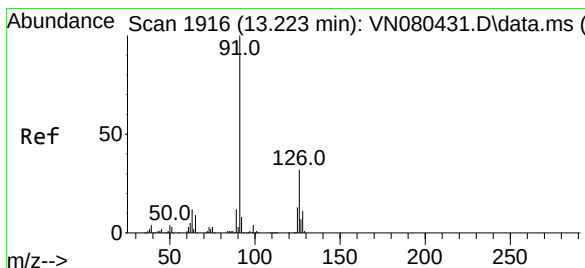
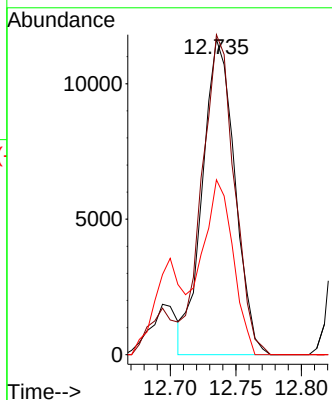
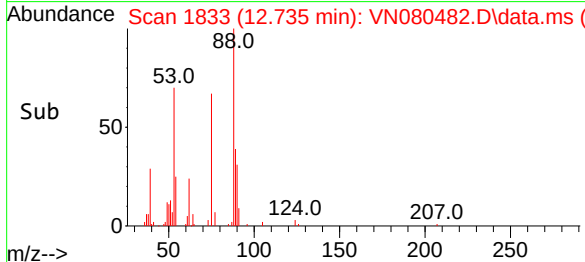
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 75 Resp: 19980
Ion Ratio Lower Upper
75 100
53 100.8 67.4 101.2
89 53.1 38.8 58.2

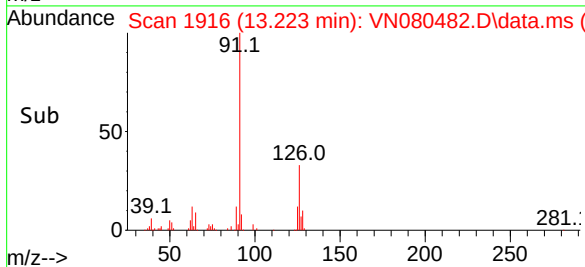
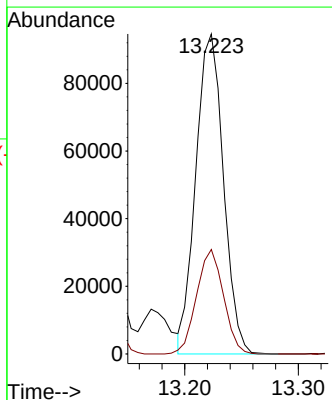
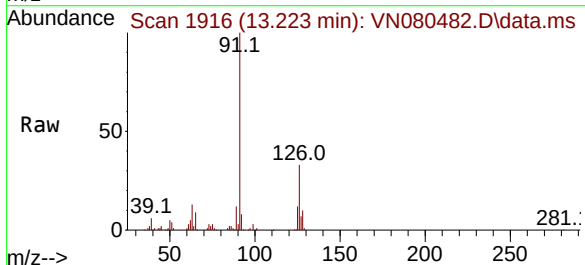
Manual Integrations
APPROVED

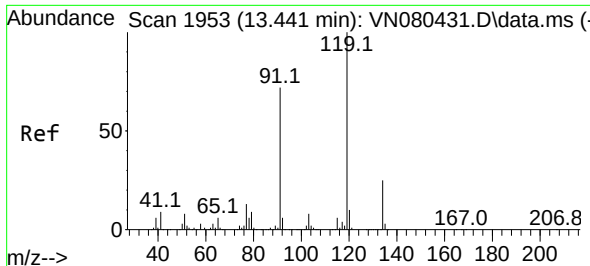
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#82
4-Chlorotoluene
Concen: 18.073 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

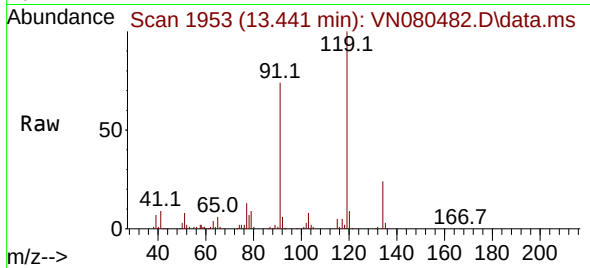
Tgt Ion: 91 Resp: 160033
Ion Ratio Lower Upper
91 100
126 31.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.250 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

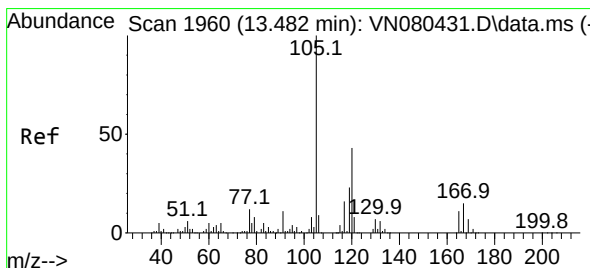
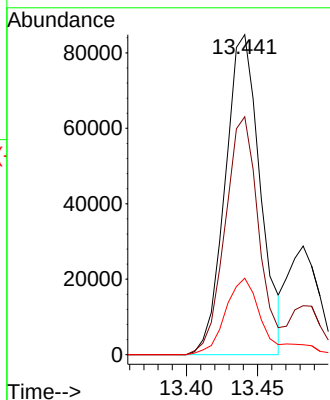
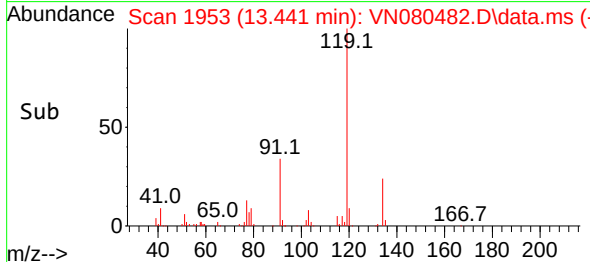
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



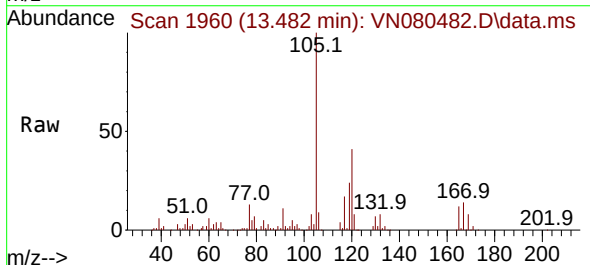
Tgt Ion:119 Resp: 145610
Ion Ratio Lower Upper
119 100
91 71.2 33.9 101.7
134 26.1 13.2 39.6

Manual Integrations
APPROVED

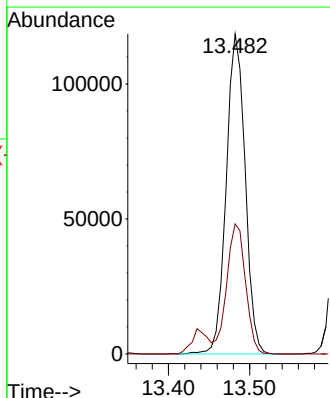
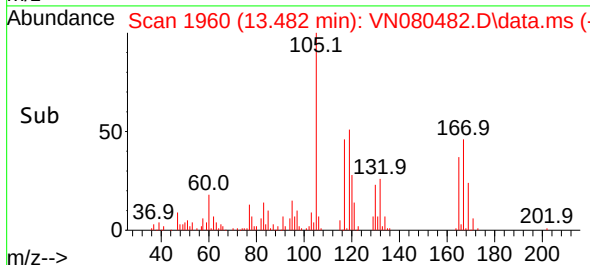
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

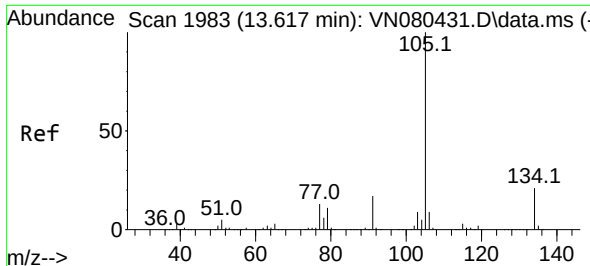


#84
1,2,4-Trimethylbenzene
Concen: 18.680 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47



Tgt Ion:105 Resp: 191549
Ion Ratio Lower Upper
105 100
120 40.6 22.0 66.0





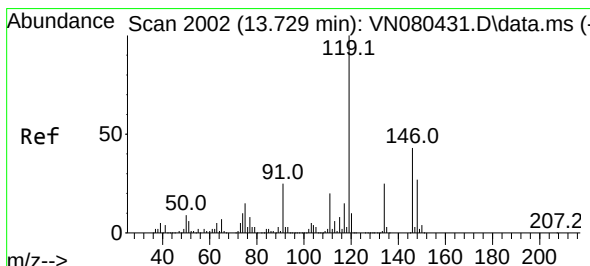
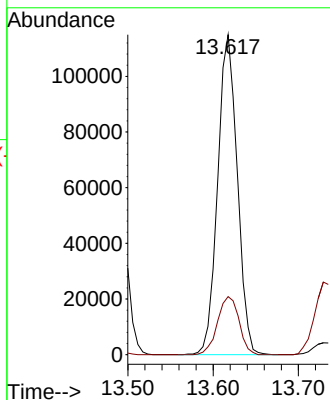
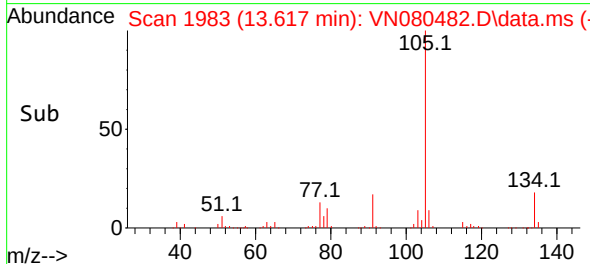
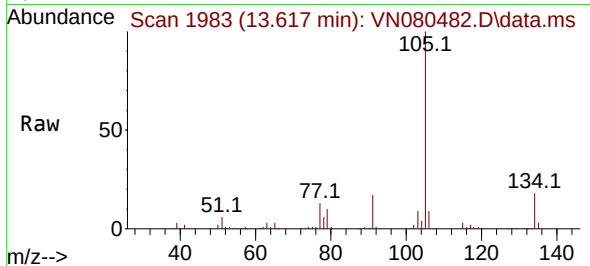
#85
 sec-Butylbenzene
 Concen: 17.024 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080482.D
 Acq: 14 Dec 2023 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02

Tgt Ion:105 Resp: 18383
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

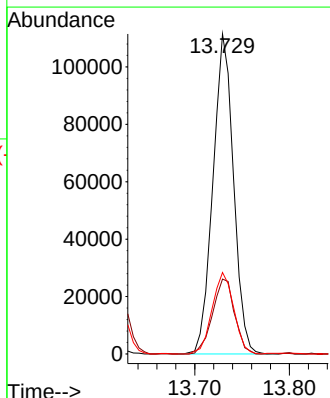
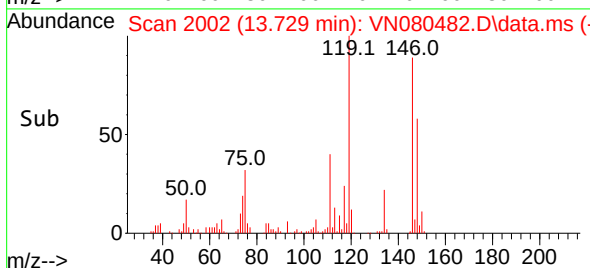
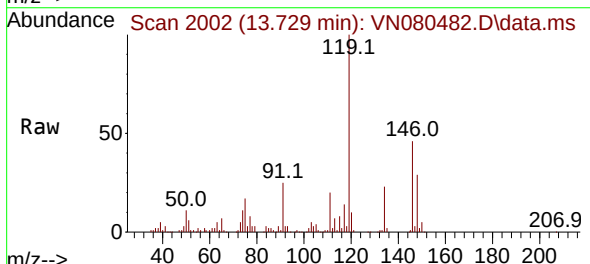
Manual Integrations
 APPROVED

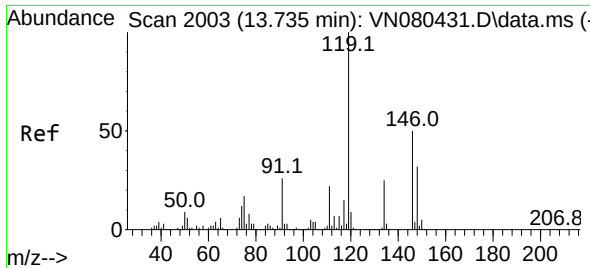
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#86
 p-Isopropyltoluene
 Concen: 17.237 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080482.D
 Acq: 14 Dec 2023 14:47

Tgt Ion:119 Resp: 168060
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 26.6 12.4 37.2





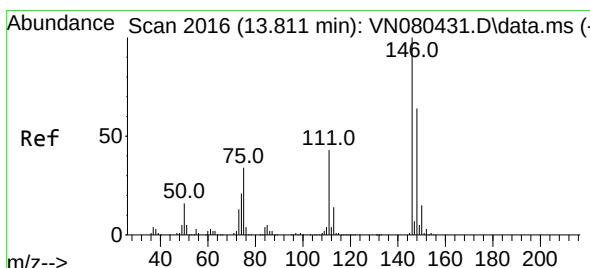
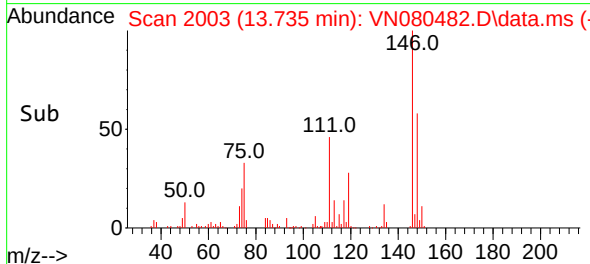
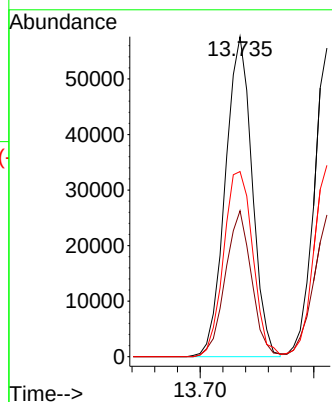
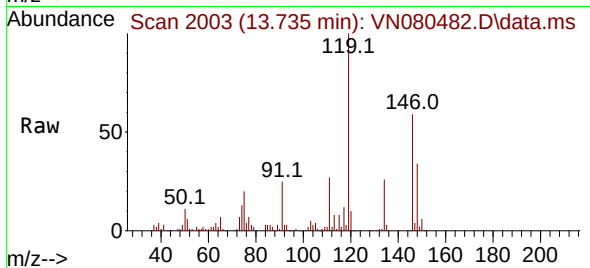
#87
1,3-Dichlorobenzene
Concen: 18.235 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Tgt Ion:146 Resp: 94590
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.3
148 62.8 32.0 96.0

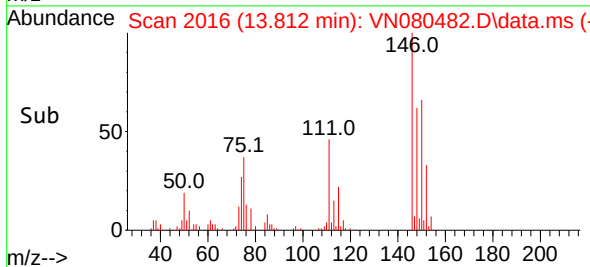
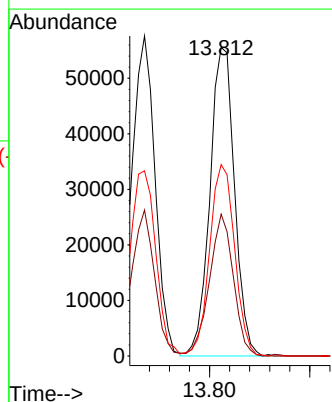
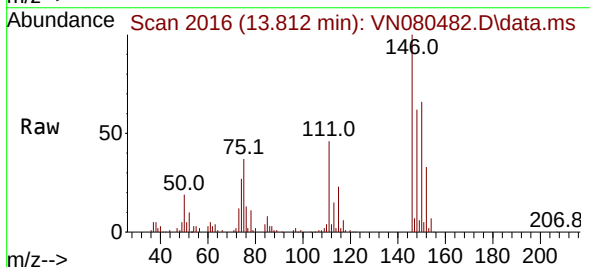
Manual Integrations
APPROVED

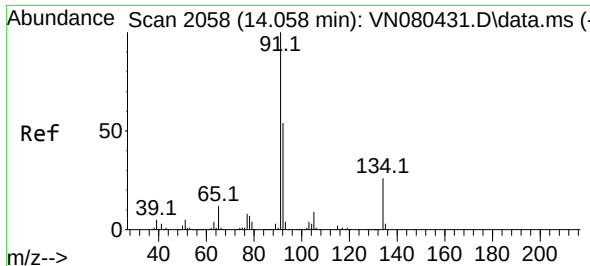
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#88
1,4-Dichlorobenzene
Concen: 18.123 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

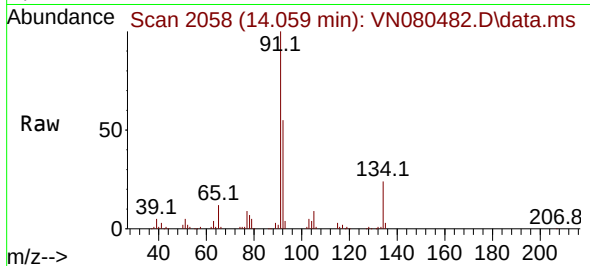
Tgt Ion:146 Resp: 94893
Ion Ratio Lower Upper
146 100
111 44.5 20.6 61.8
148 63.1 31.6 94.8





#89
n-Butylbenzene
Concen: 15.975 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

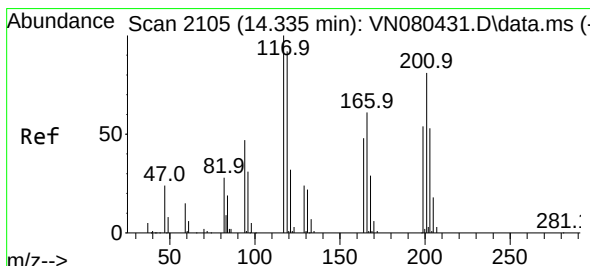
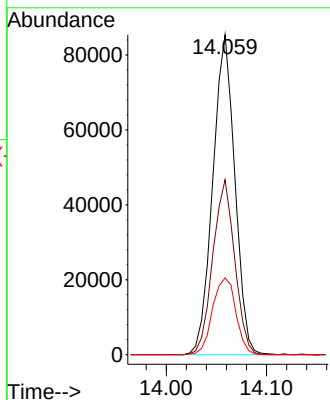
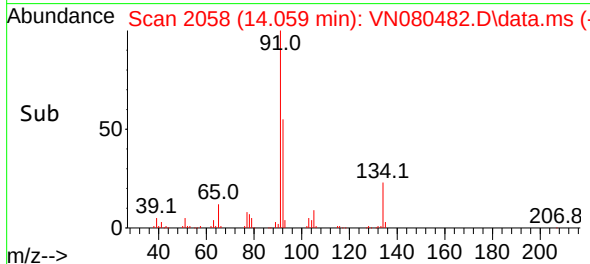
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion: 91 Resp: 13007
Ion Ratio Lower Upper
91 100
92 54.2 26.4 79.0
134 25.3 12.6 37.6

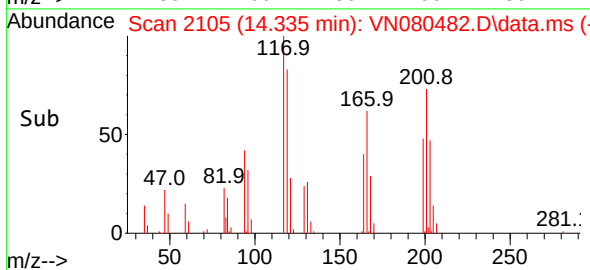
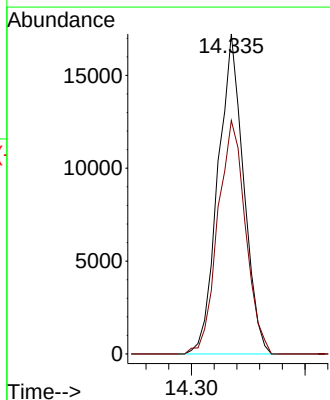
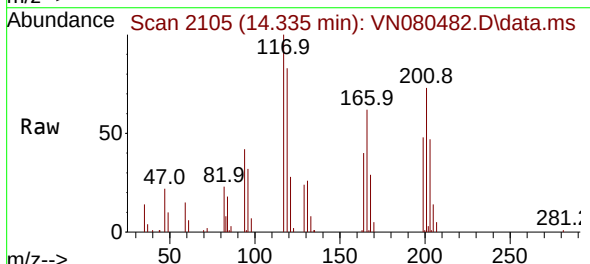
Manual Integrations
APPROVED

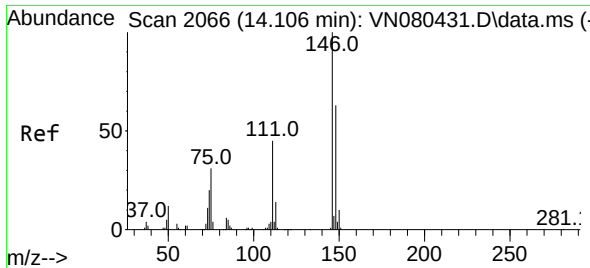
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#90
Hexachloroethane
Concen: 17.434 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

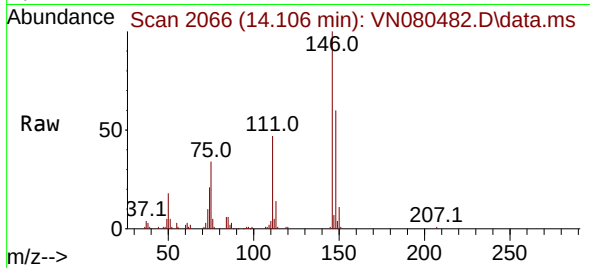
Tgt Ion:117 Resp: 26996
Ion Ratio Lower Upper
117 100
201 78.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.060 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

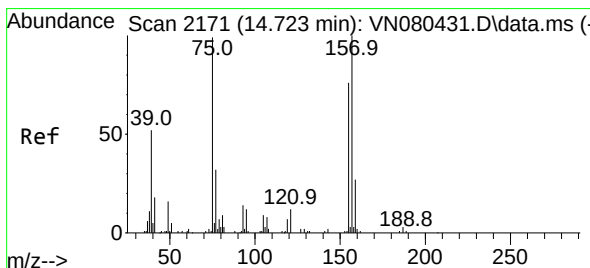
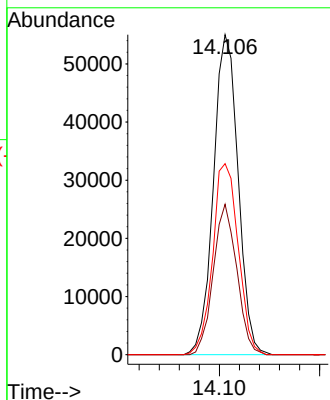
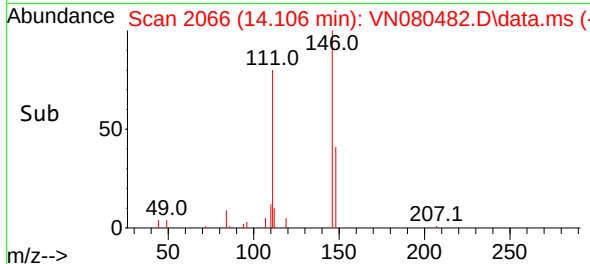
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion:146 Resp: 9388
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 61.9 31.8 95.3

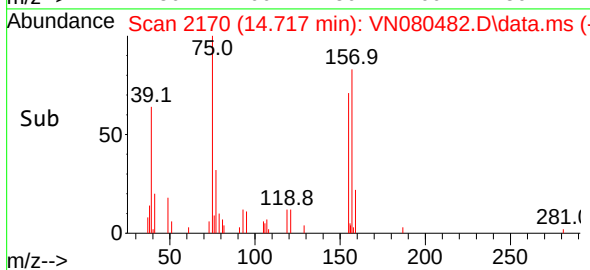
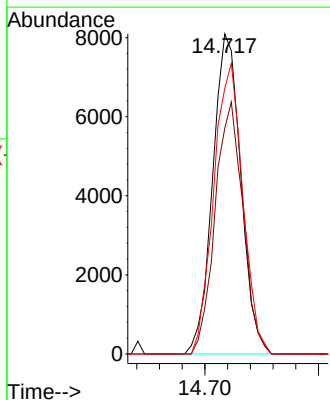
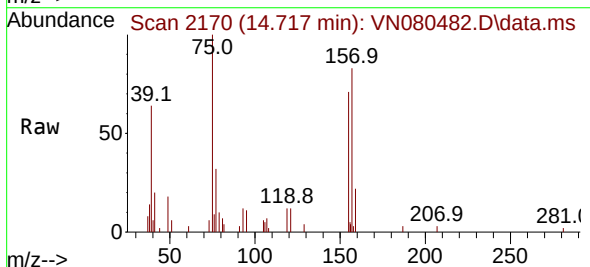
Manual Integrations
APPROVED

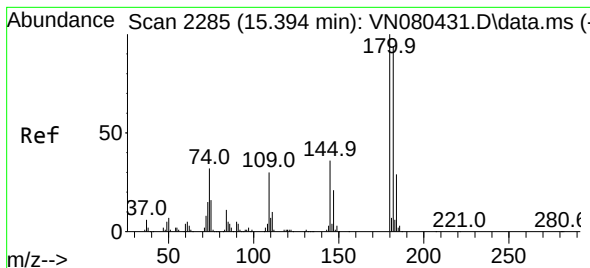
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.625 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion: 75 Resp: 13913
Ion Ratio Lower Upper
75 100
155 78.2 39.1 117.2
157 93.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.213 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080482.D

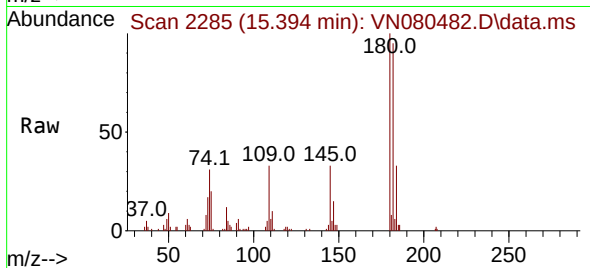
Acq: 14 Dec 2023 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBSD02



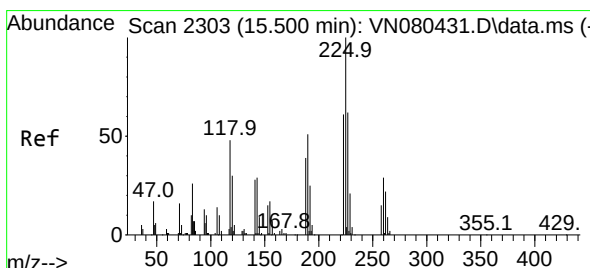
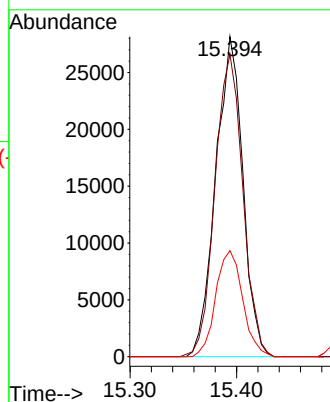
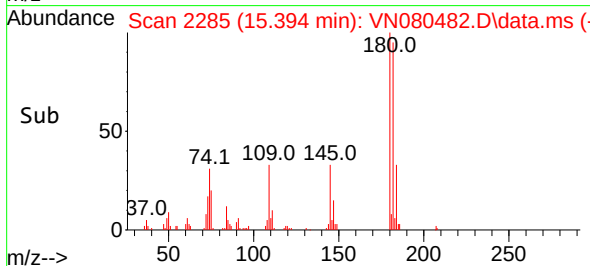
Tgt Ion:	180	Resp:	4980
Ion Ratio	Lower	Upper	
180	100		
182	96.7	46.1	138.2
145	32.9	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#94

Hexachlorobutadiene

Concen: 16.110 ug/l

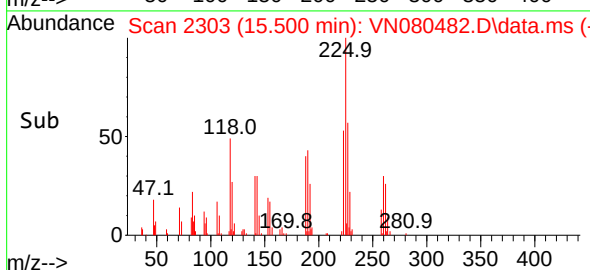
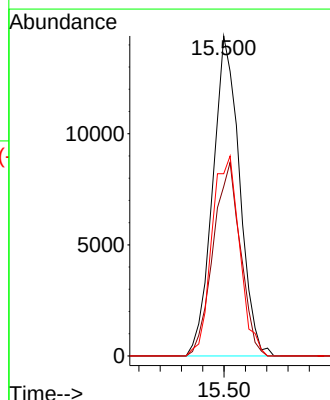
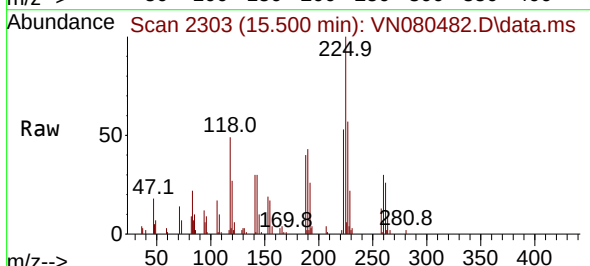
RT: 15.500 min Scan# 2303

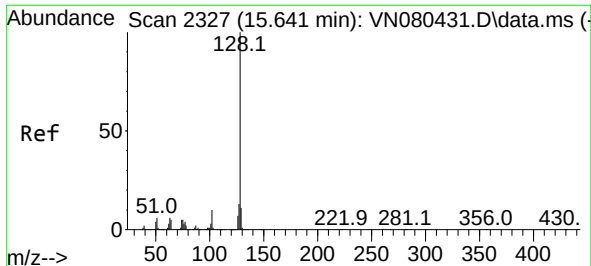
Delta R.T. 0.000 min

Lab File: VN080482.D

Acq: 14 Dec 2023 14:47

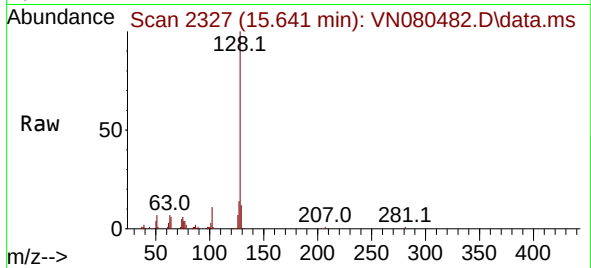
Tgt Ion:	225	Resp:	25082
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.3	93.8
227	64.7	31.9	95.9





#95
Naphthalene
Concen: 18.147 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

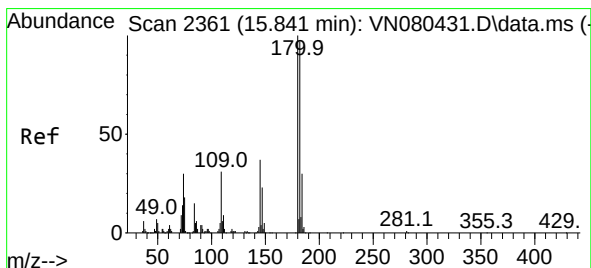
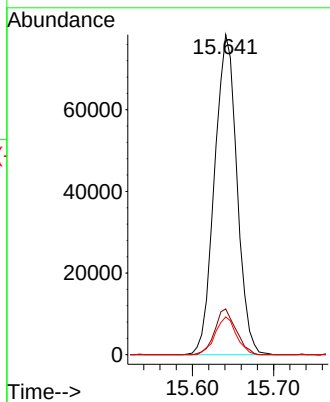
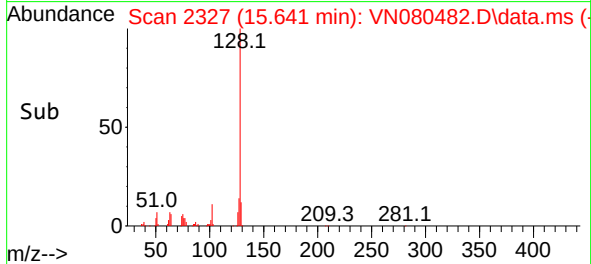
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02



Tgt Ion:128 Resp: 150699
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.765 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080482.D
Acq: 14 Dec 2023 14:47

Tgt Ion:180 Resp: 49522
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 35.2 17.5 52.6

