

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080390.D
 Acq On : 06 Dec 2023 16:46
 Operator : JC\MD
 Sample : VN1206MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 01:02:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	230133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173469	45.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.300%		
35) Dibromofluoromethane	8.171	113	131630	50.139	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.280%		
50) Toluene-d8	10.571	98	462272	48.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.847	95	171822	48.068	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59897	17.473	ug/l	93
3) Chloromethane	2.359	50	41256	16.008	ug/l	94
4) Vinyl Chloride	2.518	62	47301	17.343	ug/l	92
5) Bromomethane	2.959	94	28625	15.460	ug/l	99
6) Chloroethane	3.124	64	30760	17.120	ug/l	97
7) Trichlorofluoromethane	3.500	101	108111	19.002	ug/l	98
8) Diethyl Ether	3.953	74	28618	17.295	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	47895	18.417	ug/l	93
10) Methyl Iodide	4.589	142	45567	16.213	ug/l #	85
11) Tert butyl alcohol	5.518	59	37830	90.531	ug/l	99
12) 1,1-Dichloroethene	4.342	96	45598	18.747	ug/l	84
13) Acrolein	4.183	56	41411	111.980	ug/l	98
14) Allyl chloride	5.024	41	51869	16.949	ug/l #	88
15) Acrylonitrile	5.718	53	97672	87.069	ug/l	98
16) Acetone	4.424	43	85371	66.890	ug/l	89
17) Carbon Disulfide	4.712	76	114931	15.825	ug/l	97
18) Methyl Acetate	5.018	43	70086	17.091	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	161092	18.754	ug/l	99
20) Methylene Chloride	5.271	84	52152	19.513	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	49131	18.386	ug/l #	79
22) Diisopropyl ether	6.671	45	123620	18.258	ug/l	96
23) Vinyl Acetate	6.606	43	347926	85.477	ug/l	94
24) 1,1-Dichloroethane	6.565	63	88637	17.974	ug/l	99
25) 2-Butanone	7.483	43	113750	75.015	ug/l	92
26) 2,2-Dichloropropane	7.494	77	87961	17.979	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	55497	18.319	ug/l	89
28) Bromochloromethane	7.812	49	32963	17.003	ug/l	99
29) Tetrahydrofuran	7.835	42	71297	87.577	ug/l	94
30) Chloroform	7.965	83	105712	19.179	ug/l	92
31) Cyclohexane	8.259	56	69125	16.727	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	104536	19.448	ug/l	97
36) 1,1-Dichloropropene	8.377	75	72070	18.961	ug/l	95
37) Ethyl Acetate	7.565	43	45139	17.121	ug/l	96
38) Carbon Tetrachloride	8.365	117	95940	19.891	ug/l	95
39) Methylcyclohexane	9.606	83	67466	18.409	ug/l	92
40) Benzene	8.606	78	203463	18.835	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28187m	19.468	ug/l	
42) 1,2-Dichloroethane	8.671	62	85036	19.241	ug/l	96
43) Isopropyl Acetate	8.688	43	90794	17.697	ug/l	95
44) Trichloroethene	9.359	130	53930	19.032	ug/l	90
45) 1,2-Dichloropropane	9.624	63	47313	18.846	ug/l	99
46) Dibromomethane	9.712	93	37972	19.982	ug/l	93
47) Bromodichloromethane	9.888	83	81590	19.518	ug/l	93
48) Methyl methacrylate	9.682	41	47795	18.077	ug/l	91
49) 1,4-Dioxane	9.694	88	14379	326.907	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	239682	90.236	ug/l	98
52) Toluene	10.629	92	133525	19.751	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	82976	19.320	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	85817	19.558	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	51131	19.816	ug/l	98
56) Ethyl methacrylate	10.876	69	53213	20.187	ug/l	96
57) 1,3-Dichloropropane	11.165	76	84129	18.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	116668	78.562	ug/l	99
59) 2-Hexanone	11.194	43	177099	82.974	ug/l	96
60) Dibromochloromethane	11.359	129	63742	20.634	ug/l	97
61) 1,2-Dibromoethane	11.470	107	50304	19.110	ug/l	98
64) Tetrachloroethene	11.106	164	46478	18.985	ug/l	94
65) Chlorobenzene	11.894	112	139814	19.235	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	58316	20.674	ug/l	95
67) Ethyl Benzene	11.965	91	251945	19.479	ug/l	98
68) m/p-Xylenes	12.070	106	191174	40.538	ug/l	91
69) o-Xylene	12.400	106	90535	20.371	ug/l	89
70) Styrene	12.412	104	131044	19.810	ug/l #	91
71) Bromoform	12.582	173	41322	19.754	ug/l #	99
73) Isopropylbenzene	12.694	105	237347	19.896	ug/l	100
74) N-amyl acetate	12.494	43	64374	17.304	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	66047	18.499	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	70764m	18.813	ug/l	
77) Bromobenzene	12.982	156	58884	19.578	ug/l	96
78) n-propylbenzene	13.035	91	258565	19.383	ug/l	99
79) 2-Chlorotoluene	13.123	91	174794	20.175	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	204085	19.653	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	19388	17.415	ug/l #	80
82) 4-Chlorotoluene	13.223	91	171857	19.362	ug/l	96
83) tert-Butylbenzene	13.441	119	163558	19.641	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	202908	19.844	ug/l	96
85) sec-Butylbenzene	13.617	105	204327	19.396	ug/l	100
86) p-Isopropyltoluene	13.729	119	184874	19.645	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	100604	18.566	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	102816	18.881	ug/l	96
89) n-Butylbenzene	14.059	91	142271	18.063	ug/l	100
90) Hexachloroethane	14.335	117	33214	18.104	ug/l	69
91) 1,2-Dichlorobenzene	14.111	146	96922	18.691	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13518	16.300	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	48884	16.209	ug/l	97
94) Hexachlorobutadiene	15.506	225	28968	16.691	ug/l	99
95) Naphthalene	15.641	128	154800	17.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44932	15.895	ug/l	95

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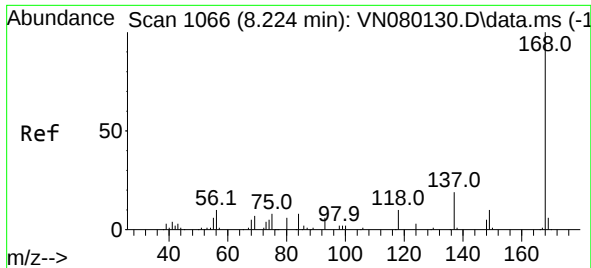
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

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



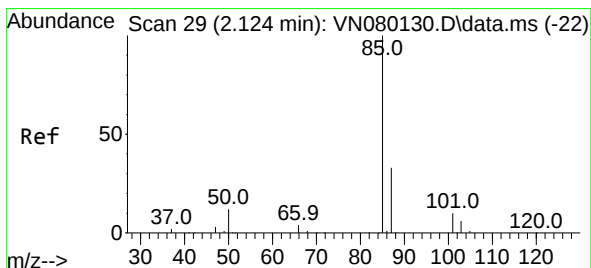
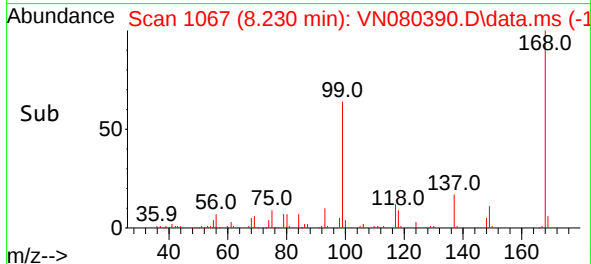
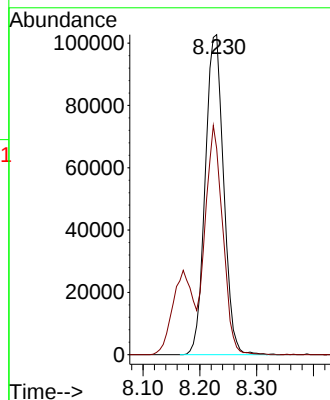
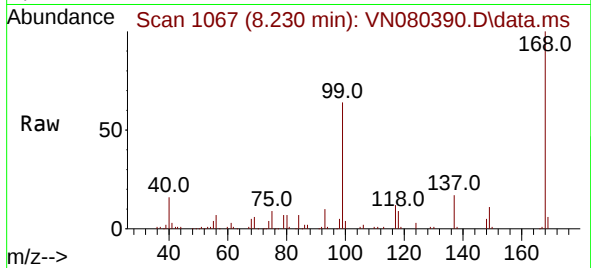
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:168 Resp: 23013
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6

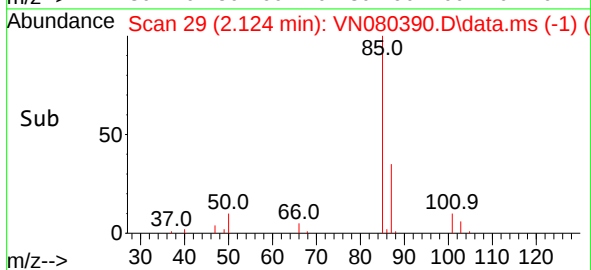
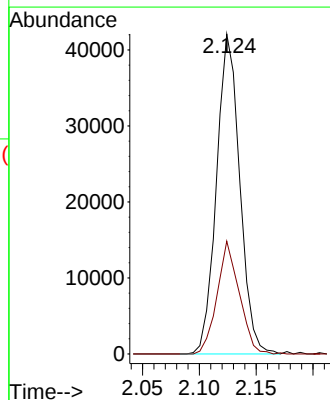
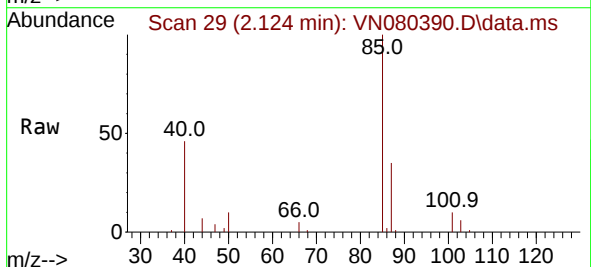
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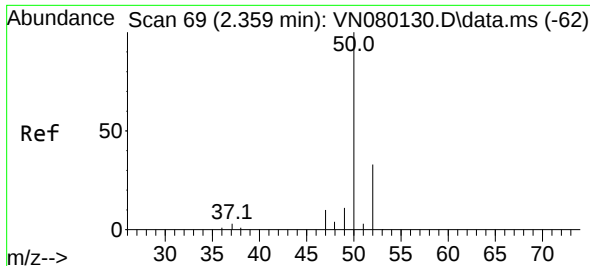
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#2
Dichlorodifluoromethane
Concen: 17.473 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 85 Resp: 59897
Ion Ratio Lower Upper
85 100
87 35.3 15.8 47.4





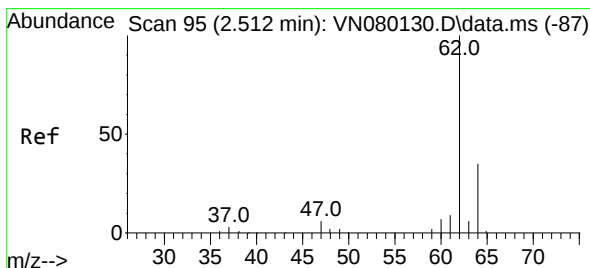
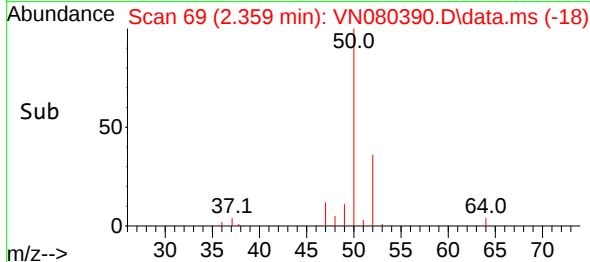
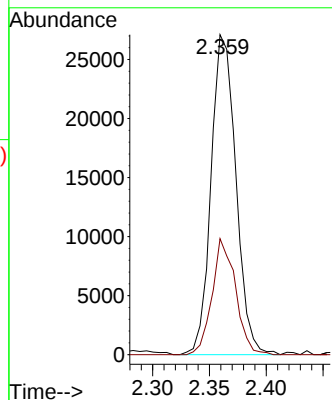
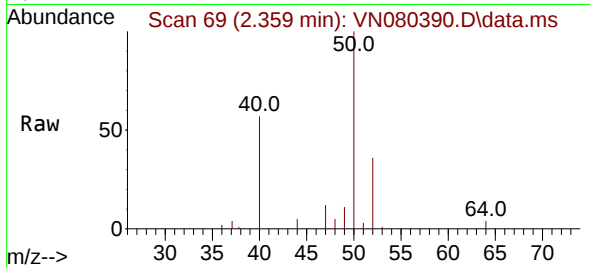
#3
Chloromethane
Concen: 16.008 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
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VN1206MBS01

Tgt Ion: 50 Resp: 41250
Ion Ratio Lower Upper
50 100
52 36.2 26.5 39.7

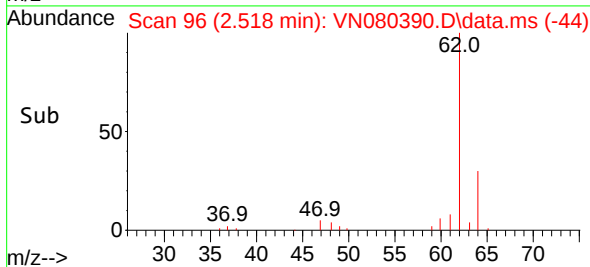
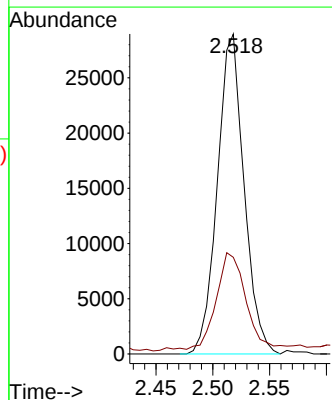
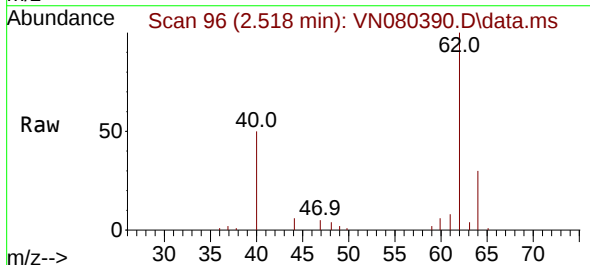
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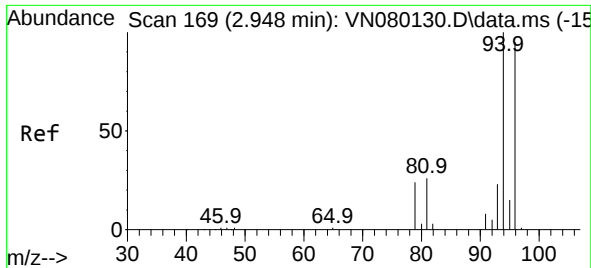
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#4
Vinyl Chloride
Concen: 17.343 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 62 Resp: 47301
Ion Ratio Lower Upper
62 100
64 28.4 26.2 39.2





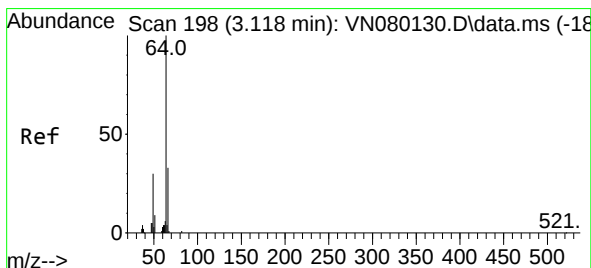
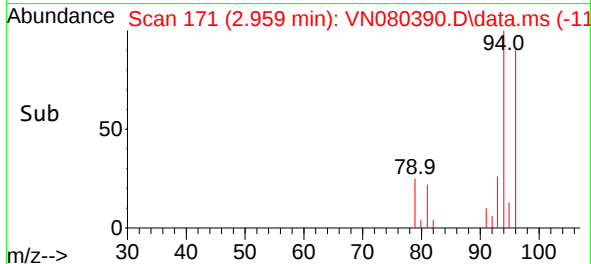
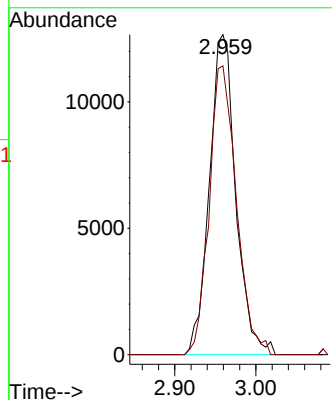
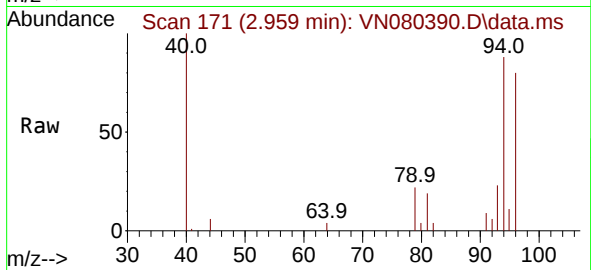
#5
Bromomethane
Concen: 15.460 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
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Tgt Ion: 94 Resp: 2862
Ion Ratio Lower Upper
94 100
96 90.2 73.1 109.7

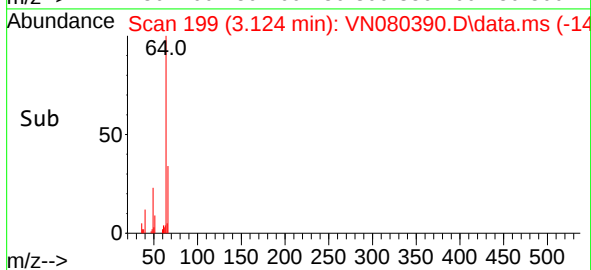
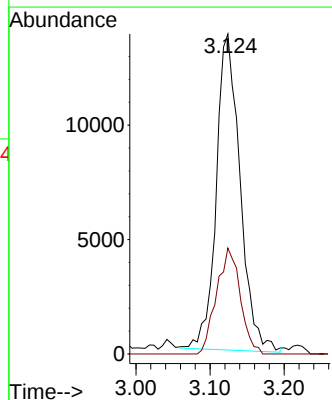
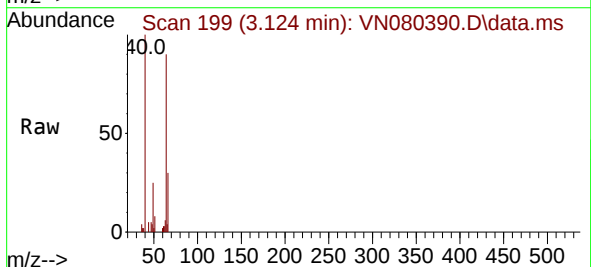
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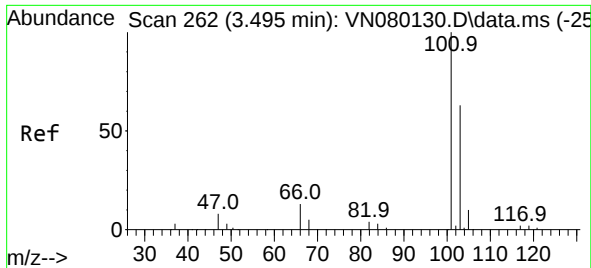
Reviewed By :John Carlone 12/08/2023
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#6
Chloroethane
Concen: 17.120 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 64 Resp: 30760
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.2





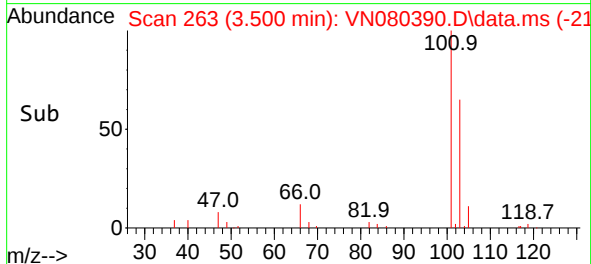
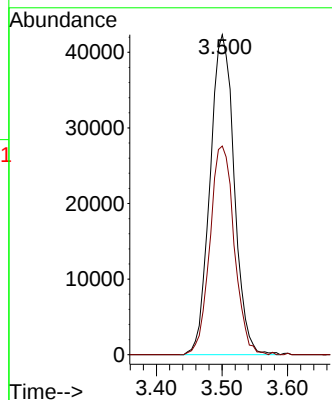
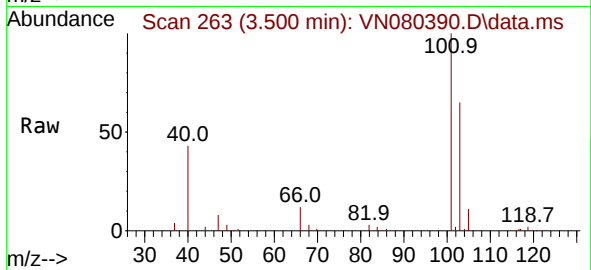
#7
Trichlorofluoromethane
Concen: 19.002 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:101 Resp: 10811
Ion Ratio Lower Upper
101 100
103 65.2 50.7 76.1

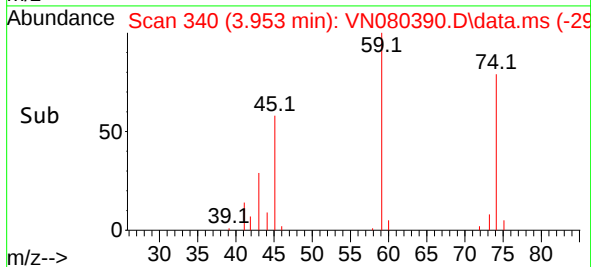
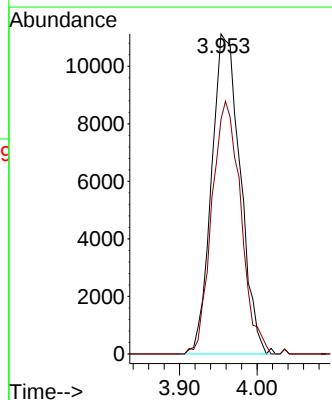
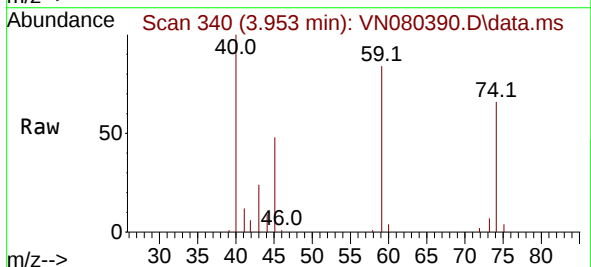
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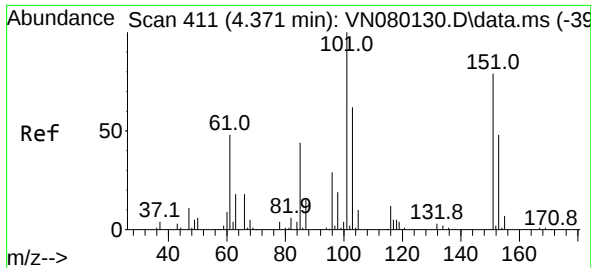
Reviewed By :John Carlone 12/08/2023
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#8
Diethyl Ether
Concen: 17.295 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 74 Resp: 28618
Ion Ratio Lower Upper
74 100
45 79.6 34.4 103.3





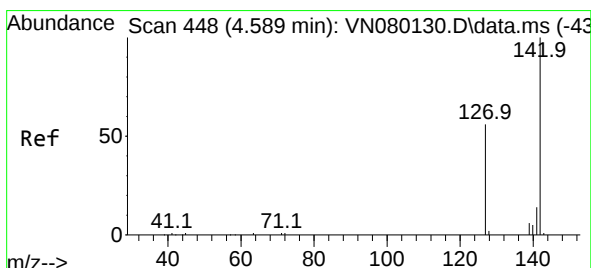
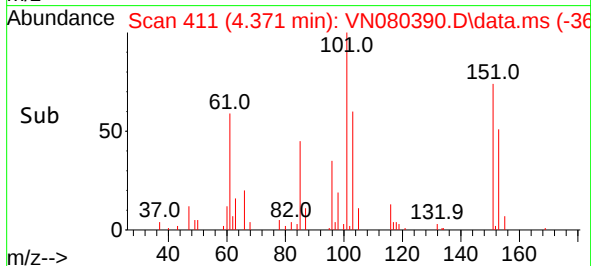
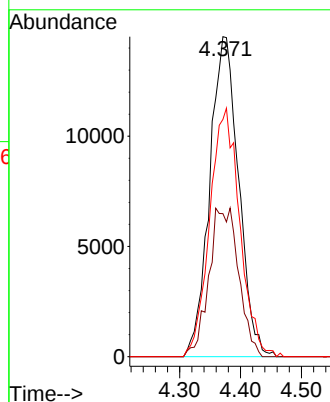
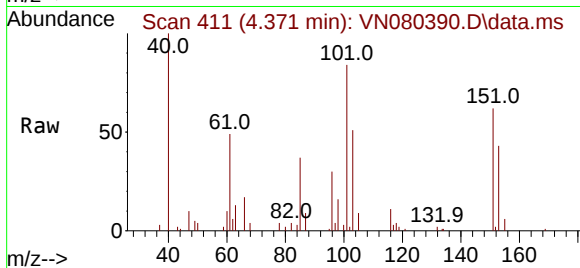
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.417 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:101 Resp: 4789
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 80.6 57.6 86.4

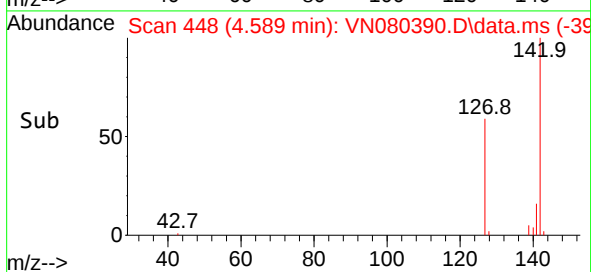
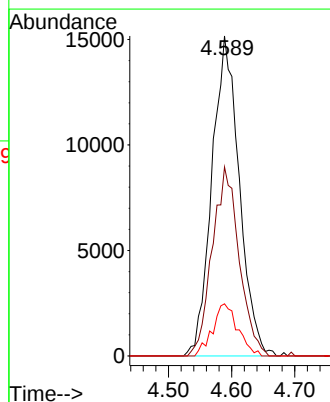
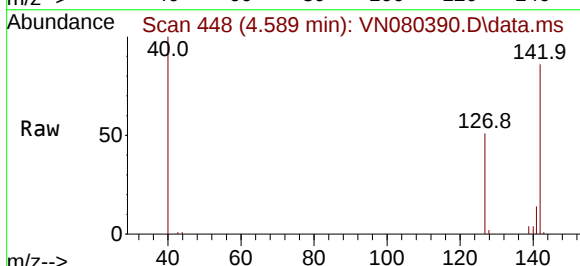
Manual Integrations
APPROVED

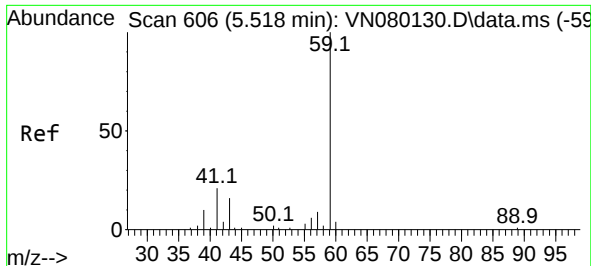
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#10
Methyl Iodide
Concen: 16.213 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

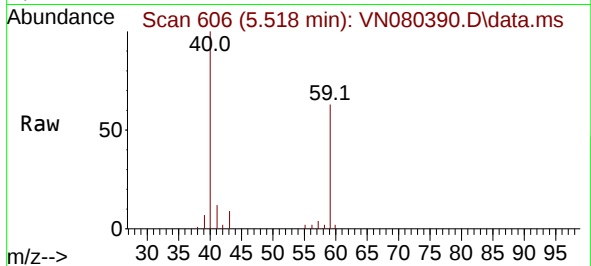
Tgt Ion:142 Resp: 45567
Ion Ratio Lower Upper
142 100
127 59.1 37.6 56.4#
141 16.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 90.531 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

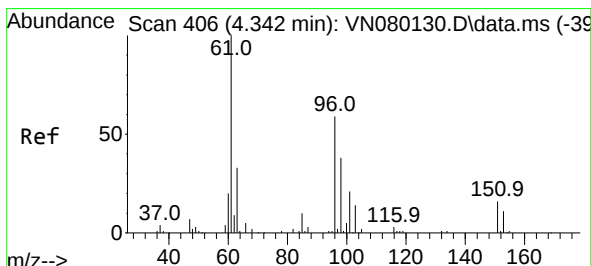
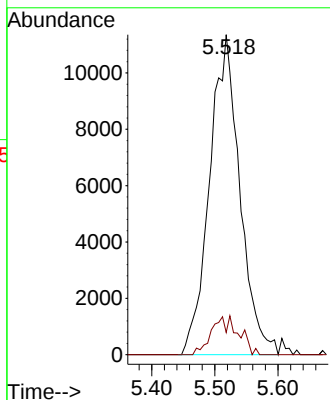
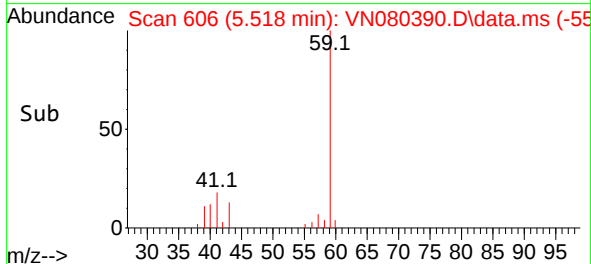
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



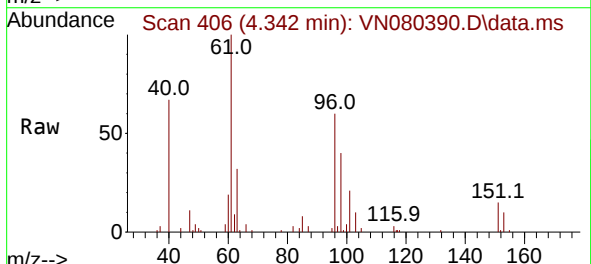
Tgt Ion: 59 Resp: 37830
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
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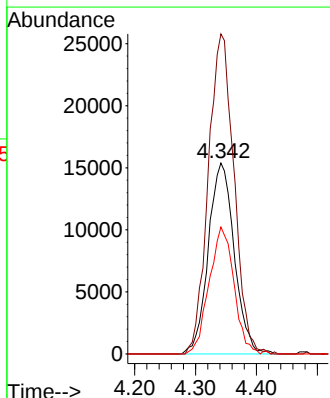
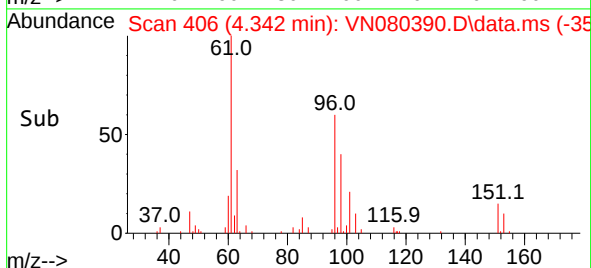
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#12
1,1-Dichloroethene
Concen: 18.747 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



Tgt Ion: 96 Resp: 45598
Ion Ratio Lower Upper
96 100
61 167.7 112.7 169.1
98 66.5 51.2 76.8





#13

Acrolein

Concen: 111.980 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 56 Resp: 4141

Ion Ratio Lower Upper

56 100

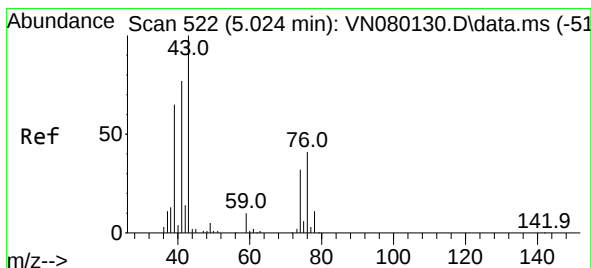
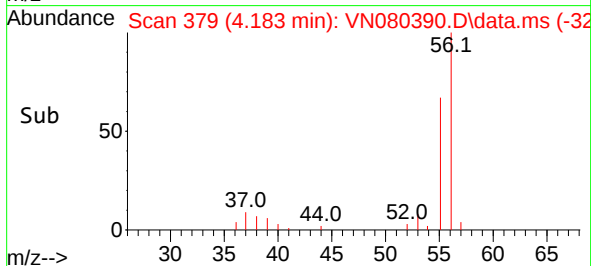
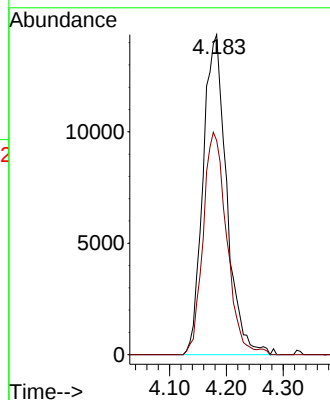
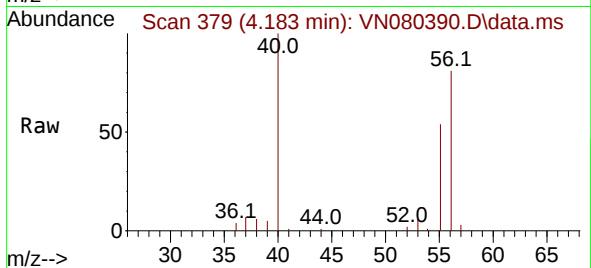
55 69.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#14

Allyl chloride

Concen: 16.949 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

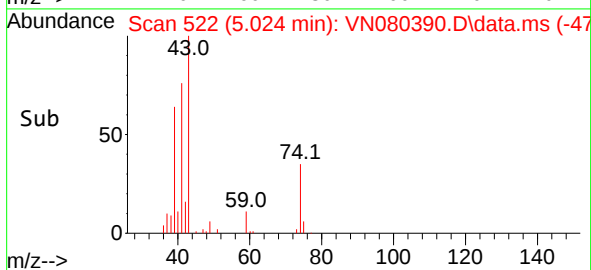
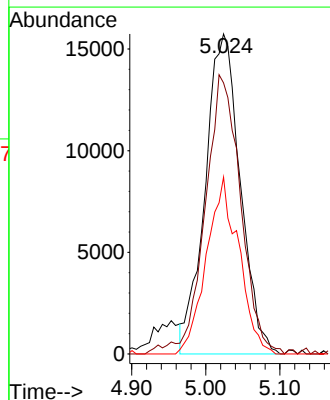
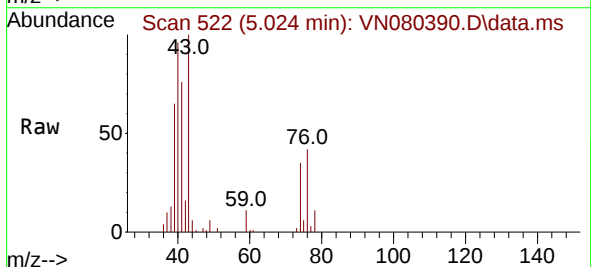
Tgt Ion: 41 Resp: 51869

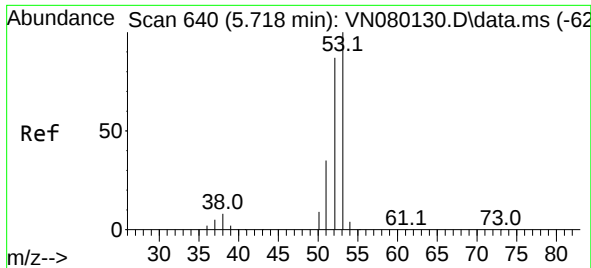
Ion Ratio Lower Upper

41 100

39 88.3 58.8 88.2#

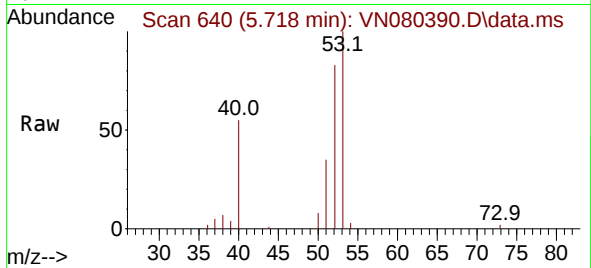
76 50.7 39.1 58.7





#15
Acrylonitrile
Concen: 87.069 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

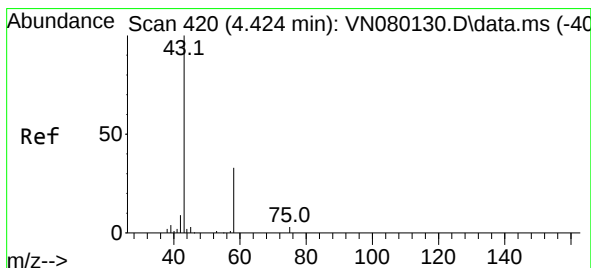
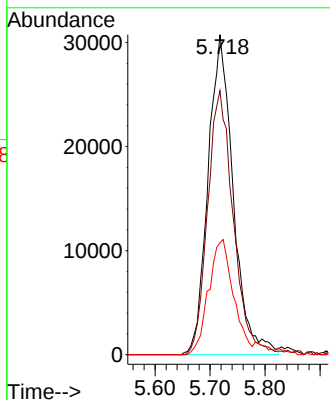
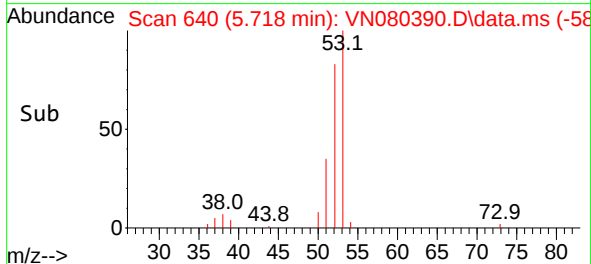
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 53 Resp: 97672
Ion Ratio Lower Upper
53 100
52 84.1 65.3 97.9
51 35.6 28.9 43.3

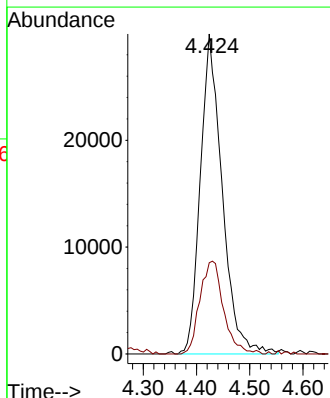
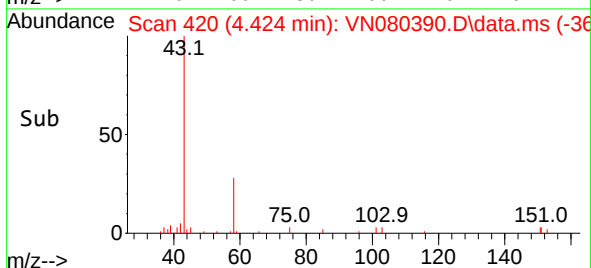
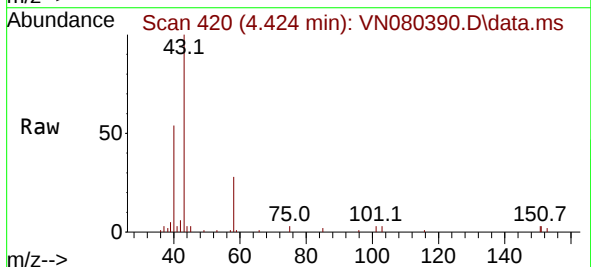
Manual Integrations
APPROVED

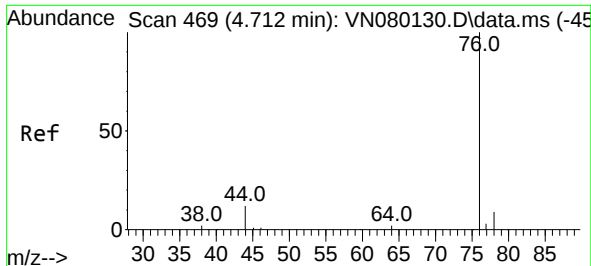
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#16
Acetone
Concen: 66.890 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

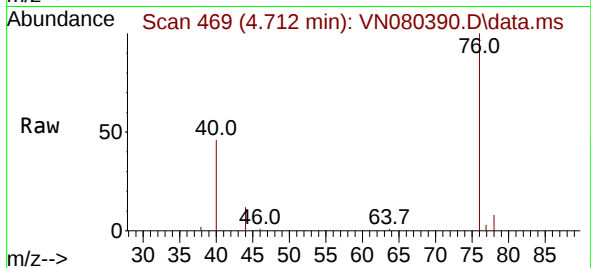
Tgt Ion: 43 Resp: 85371
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0





#17
Carbon Disulfide
Concen: 15.825 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

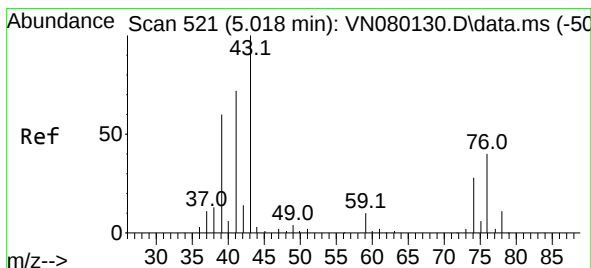
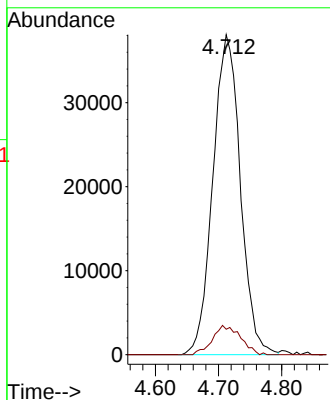
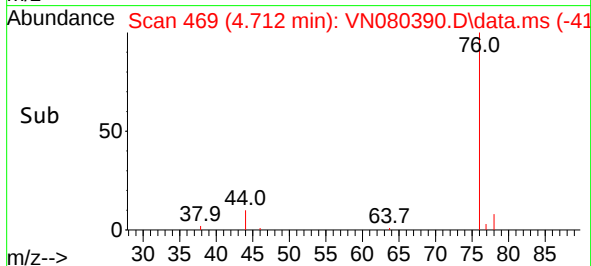
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



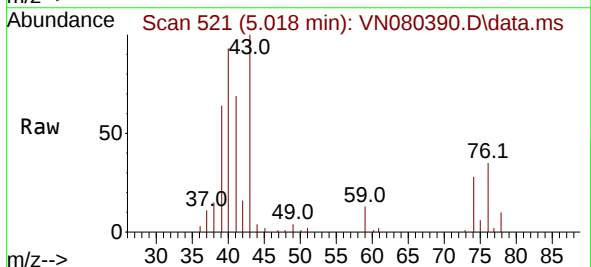
Tgt Ion: 76 Resp: 11493
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

Manual Integrations
APPROVED

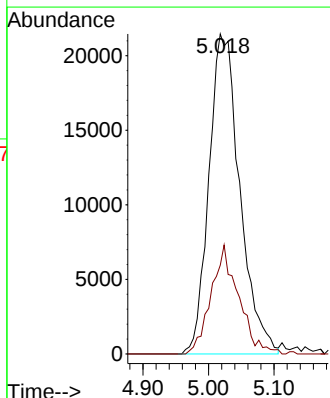
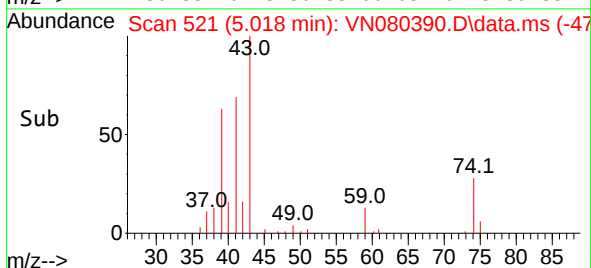
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

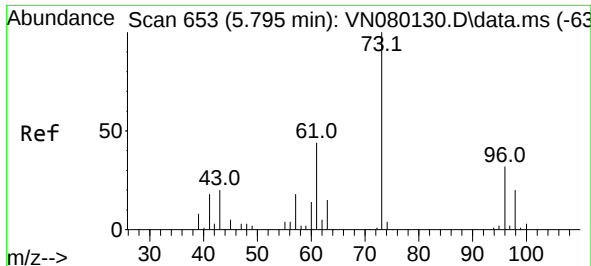


#18
Methyl Acetate
Concen: 17.091 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



Tgt Ion: 43 Resp: 70086
Ion Ratio Lower Upper
43 100
74 30.4 26.2 39.4





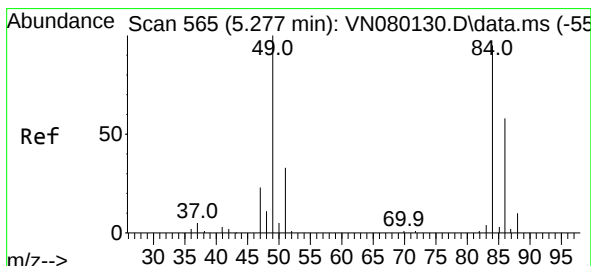
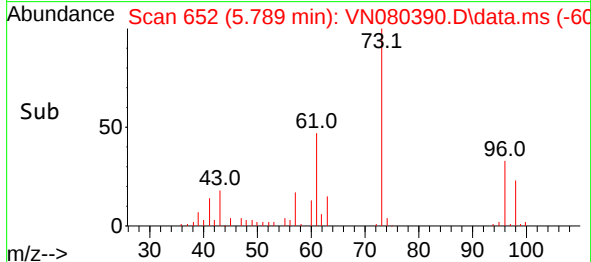
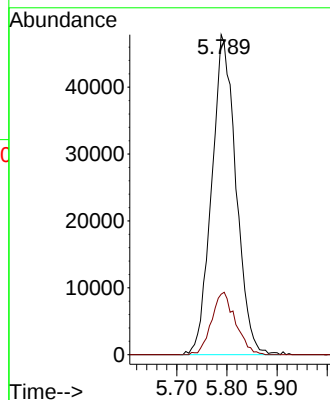
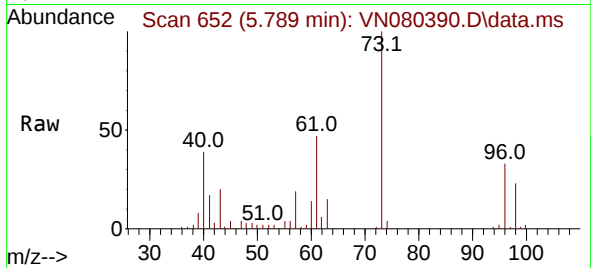
#19
Methyl tert-butyl Ether
Concen: 18.754 ug/l
RT: 5.789 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion: 73 Resp: 161092
Ion Ratio Lower Upper
73 100
57 18.9 15.6 23.4

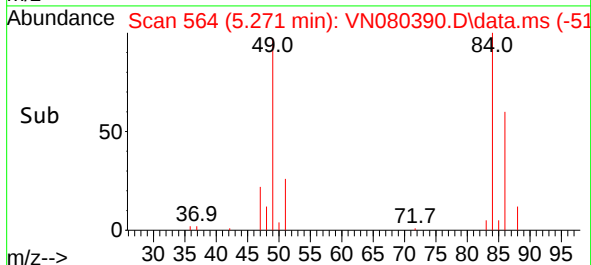
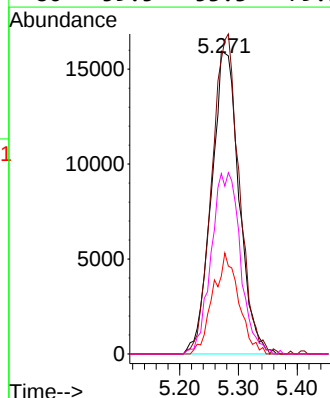
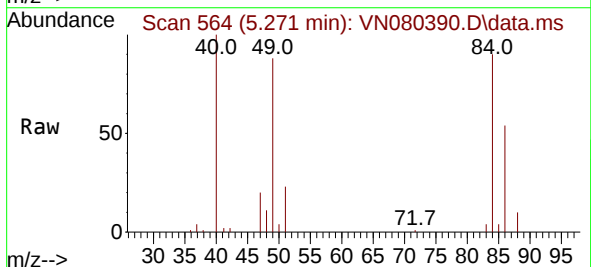
Manual Integrations
APPROVED

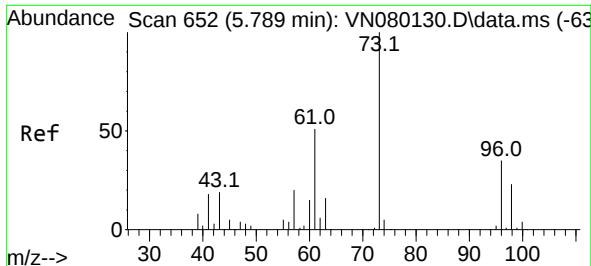
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#20
Methylene Chloride
Concen: 19.513 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

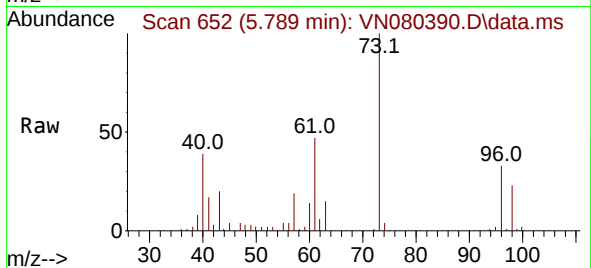
Tgt Ion: 84 Resp: 52152
Ion Ratio Lower Upper
84 100
49 97.2 79.7 119.5
51 25.7 25.2 37.8
86 59.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 18.386 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

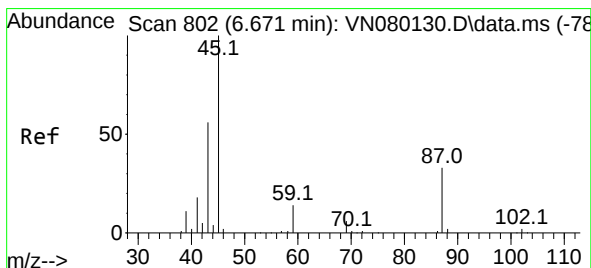
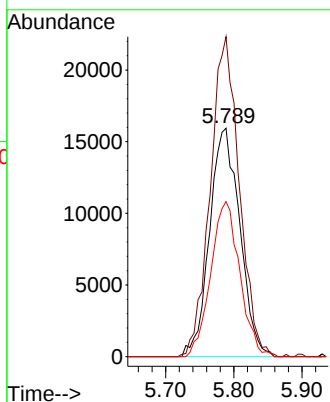
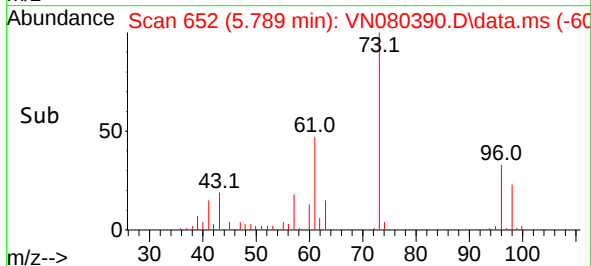
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



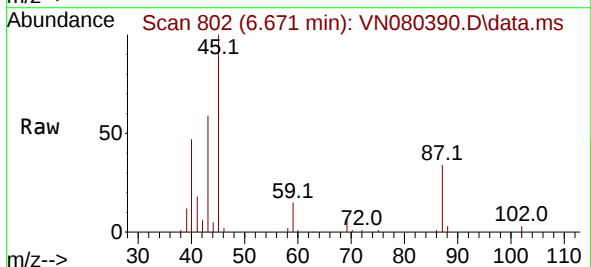
Tgt Ion: 96 Resp: 4913
Ion Ratio Lower Upper
96 100
61 140.0 90.1 135.1
98 67.8 46.4 69.6

Manual Integrations
APPROVED

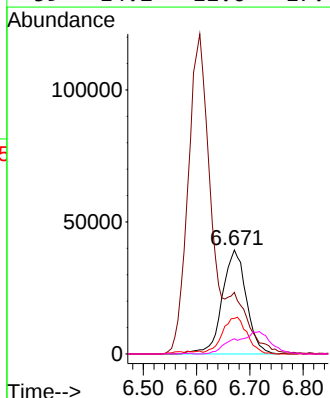
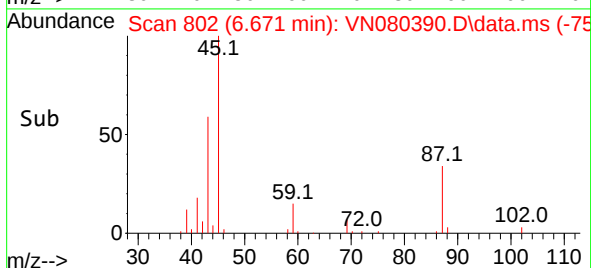
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

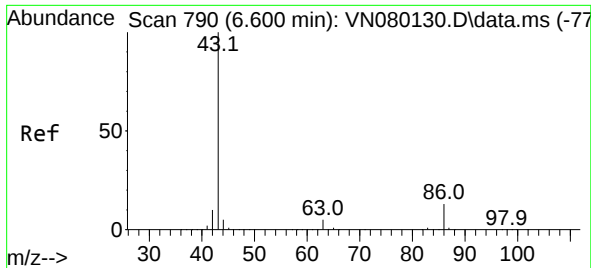


#22
Diisopropyl ether
Concen: 18.258 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



Tgt Ion: 45 Resp: 123620
Ion Ratio Lower Upper
45 100
43 56.5 45.5 68.3
87 34.2 31.8 47.8
59 14.2 11.6 17.4





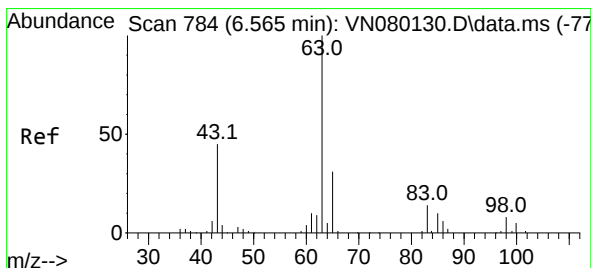
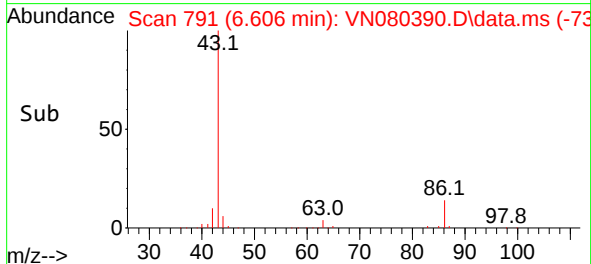
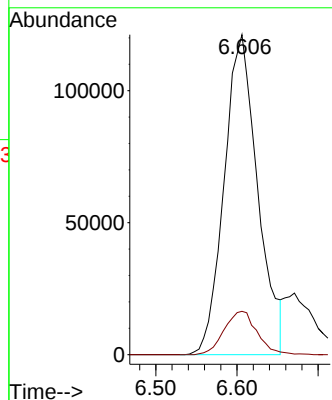
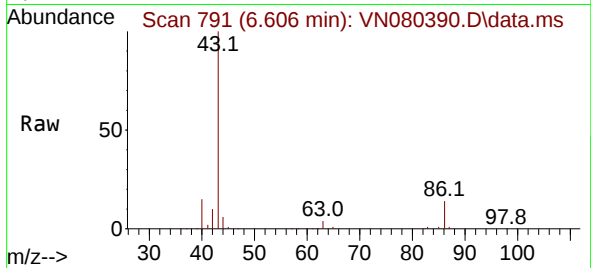
#23
 Vinyl Acetate
 Concen: 85.477 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN080390.D
 Acq: 06 Dec 2023 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01

Tgt Ion: 43 Resp: 347920
 Ion Ratio Lower Upper
 43 100
 86 13.6 13.0 19.6

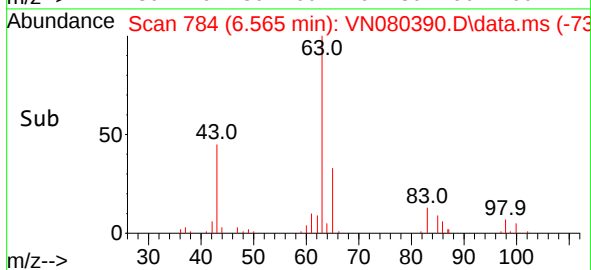
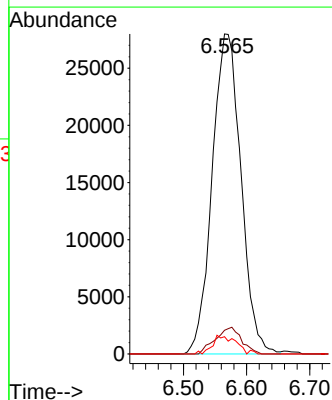
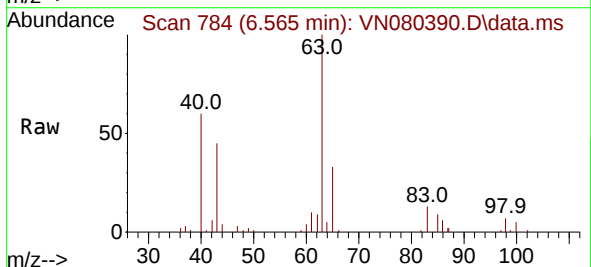
Manual Integrations
 APPROVED

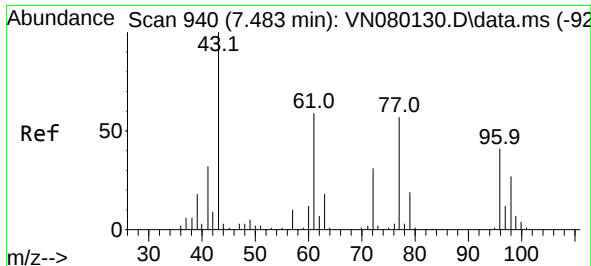
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#24
 1,1-Dichloroethane
 Concen: 17.974 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080390.D
 Acq: 06 Dec 2023 16:46

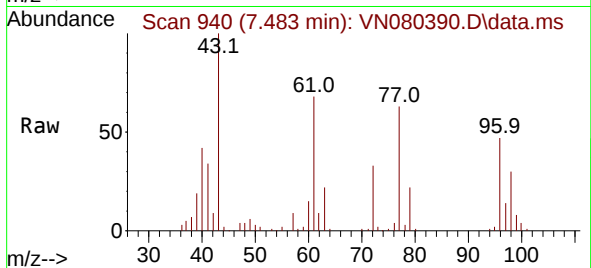
Tgt Ion: 63 Resp: 88637
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 5.4 2.5 7.4





#25
2-Butanone
Concen: 75.015 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

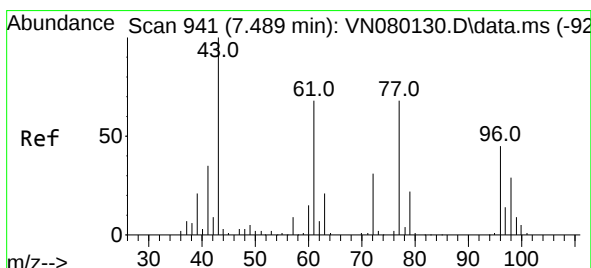
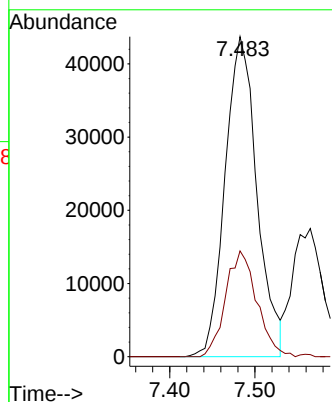
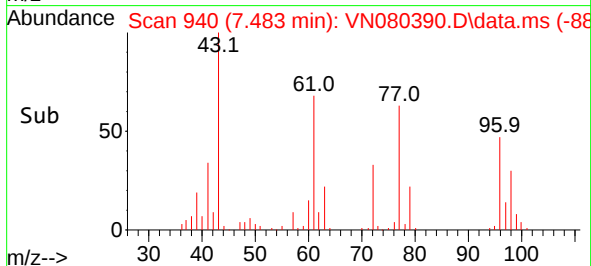
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



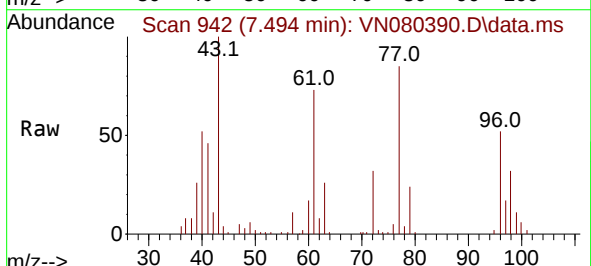
Tgt Ion: 43 Resp: 113750
Ion Ratio Lower Upper
43 100
72 33.1 30.2 45.2

Manual Integrations
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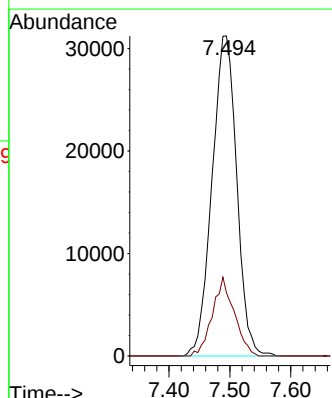
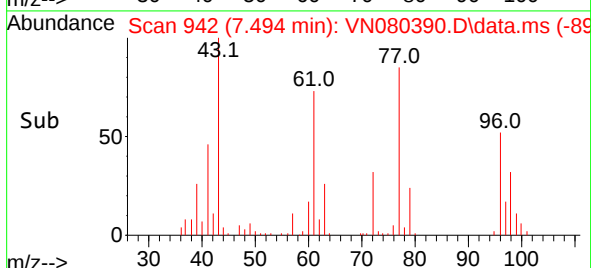
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

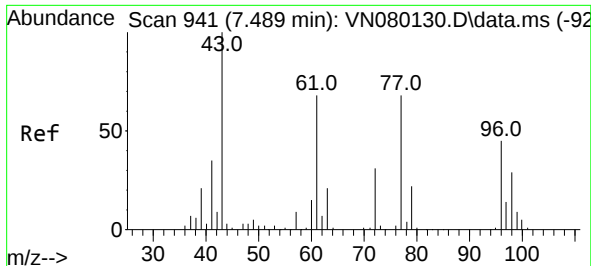


#26
2,2-Dichloropropane
Concen: 17.979 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



Tgt Ion: 77 Resp: 87961
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





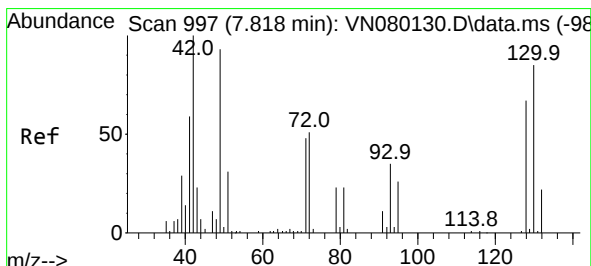
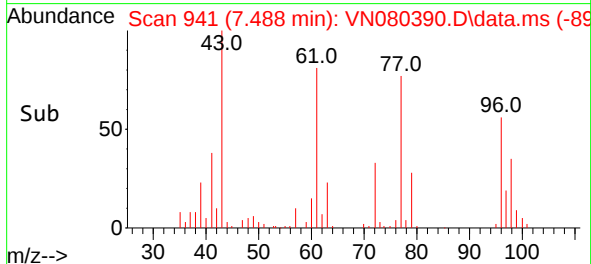
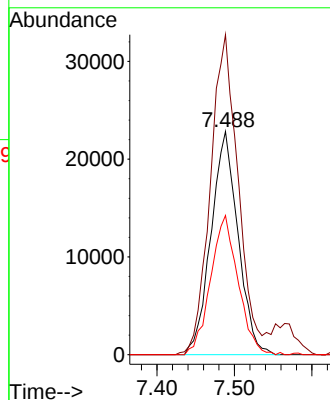
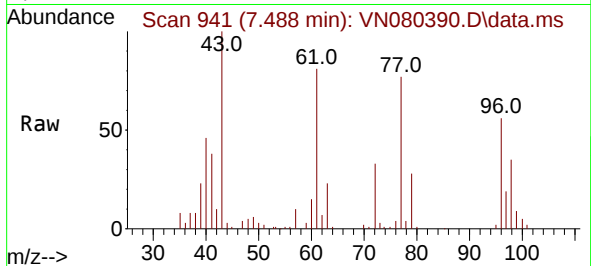
#27
 cis-1,2-Dichloroethene
 Concen: 18.319 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080390.D
 Acq: 06 Dec 2023 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01

Tgt Ion: 96 Resp: 5549
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 255.2
 98 63.5 0.0 128.8

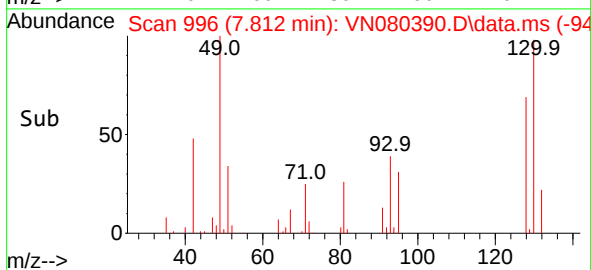
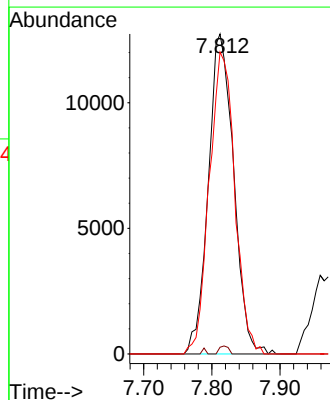
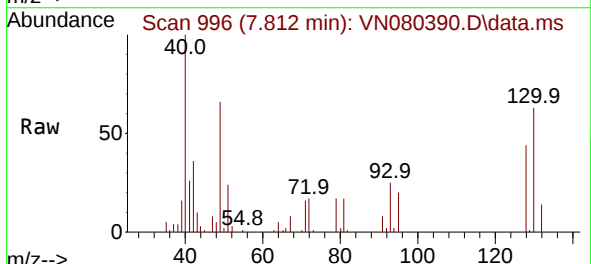
Manual Integrations
 APPROVED

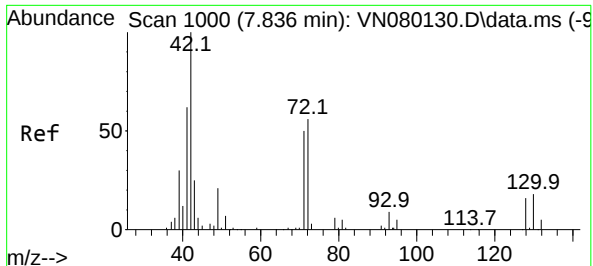
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#28
 Bromochloromethane
 Concen: 17.003 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080390.D
 Acq: 06 Dec 2023 16:46

Tgt Ion: 49 Resp: 32963
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.8
 130 94.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 87.577 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

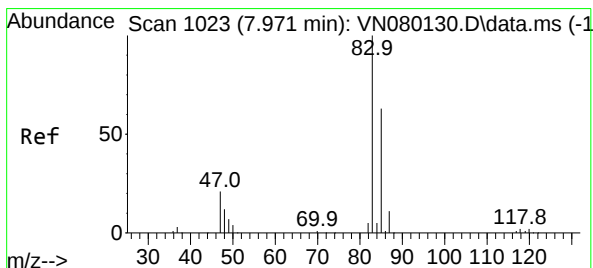
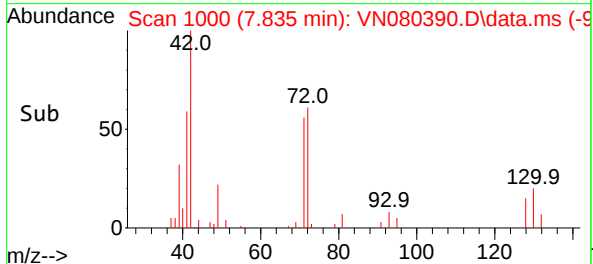
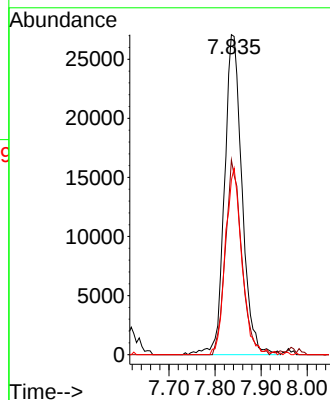
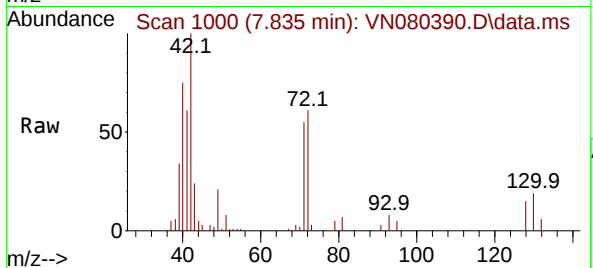
Tgt Ion:	42	Resp:	7129
Ion	Ratio	Lower	Upper
42	100		
72	56.4	49.8	74.6
71	55.4	47.4	71.2

Manual Integrations

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Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#30

Chloroform

Concen: 19.179 ug/l

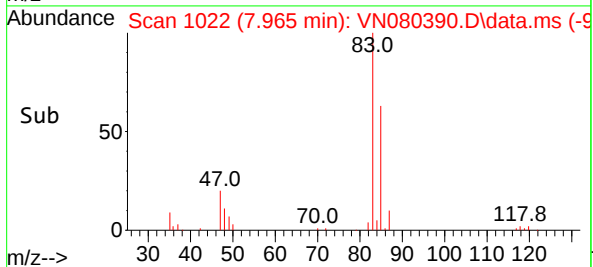
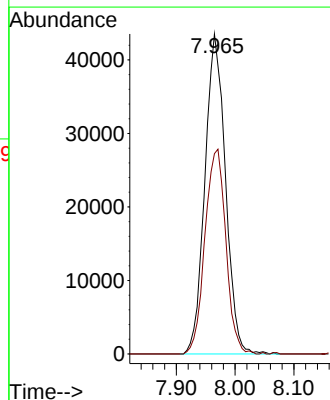
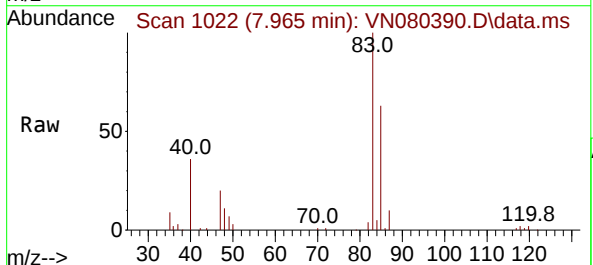
RT: 7.965 min Scan# 1022

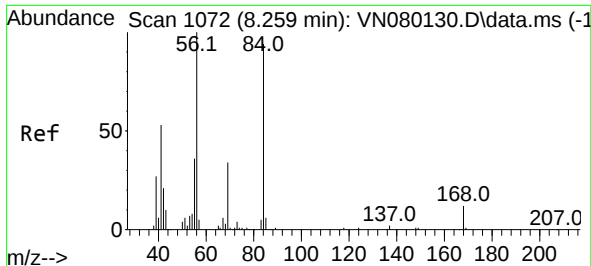
Delta R.T. -0.006 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

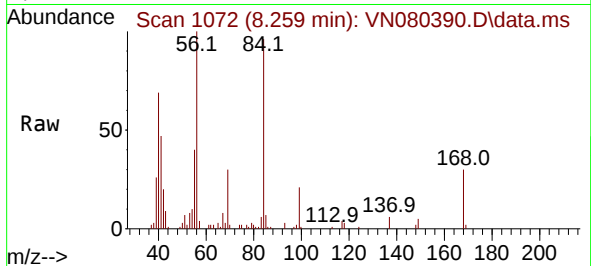
Tgt Ion:	83	Resp:	105712
Ion	Ratio	Lower	Upper
83	100		
85	62.6	55.4	83.0





#31
Cyclohexane
Concen: 16.727 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

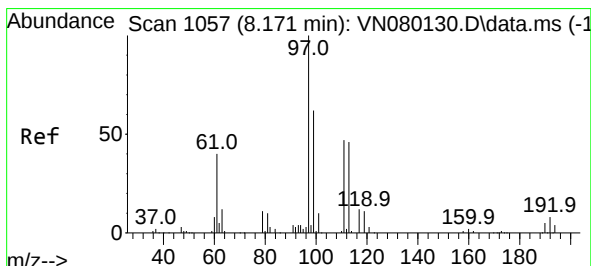
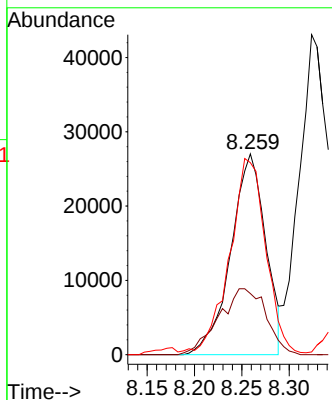
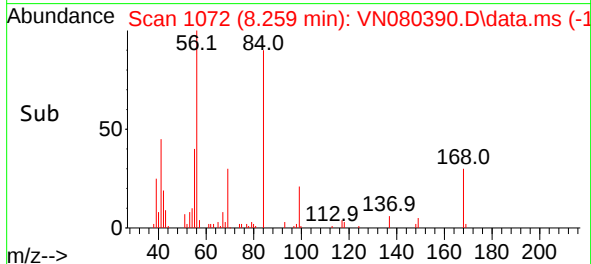
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



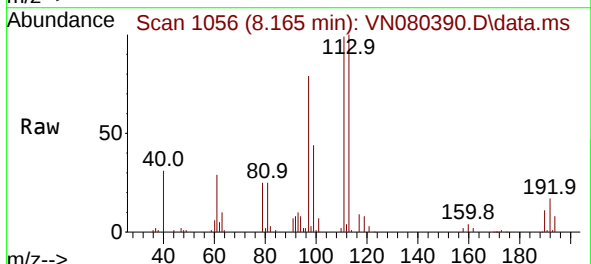
Tgt Ion: 56 Resp: 6912
Ion Ratio Lower Upper
56 100
69 30.4 26.8 40.2
84 94.3 81.8 122.6

Manual Integrations
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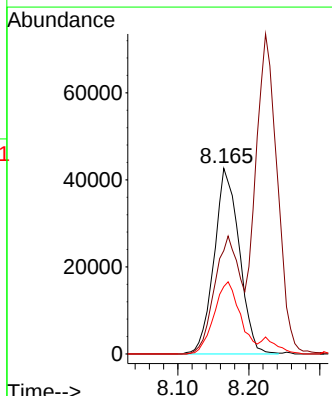
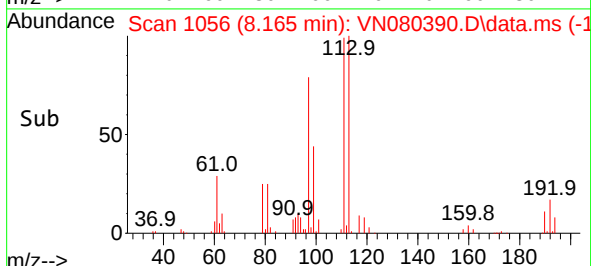
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

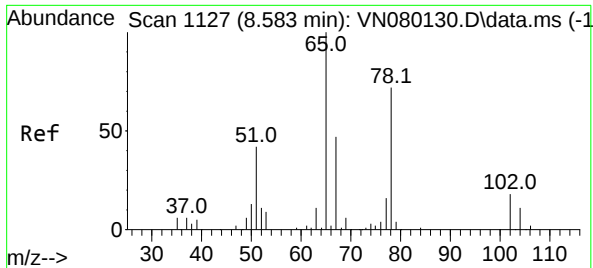


#32
1,1,1-Trichloroethane
Concen: 19.448 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



Tgt Ion: 97 Resp: 104536
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 40.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.651 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 65 Resp: 173469

Ion Ratio Lower Upper

65 100

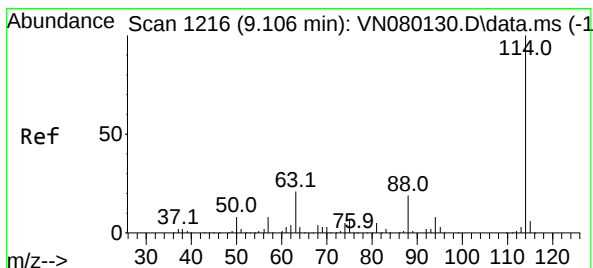
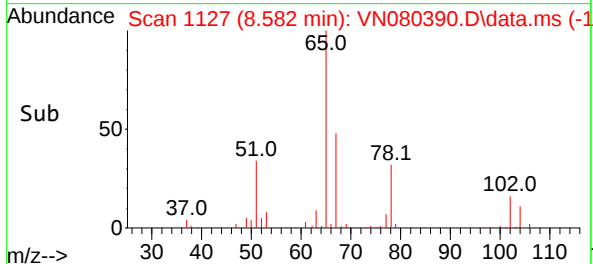
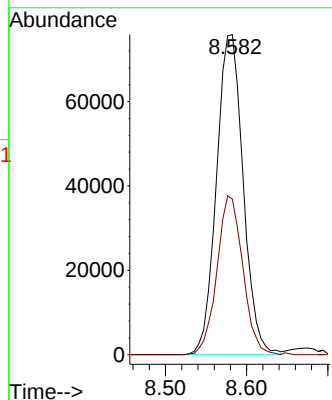
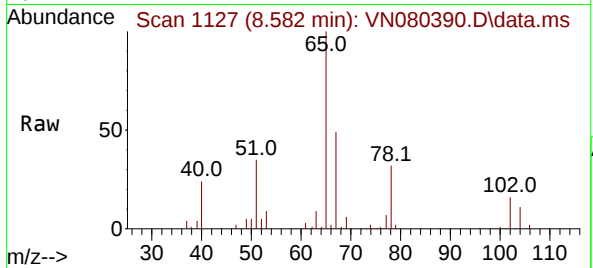
67 48.0 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

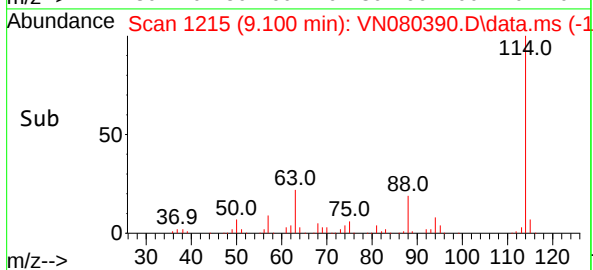
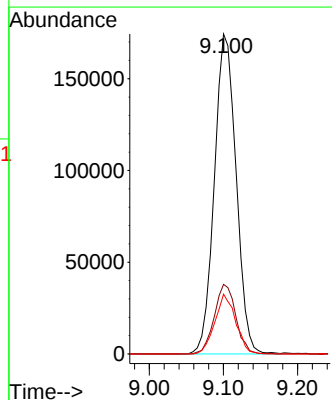
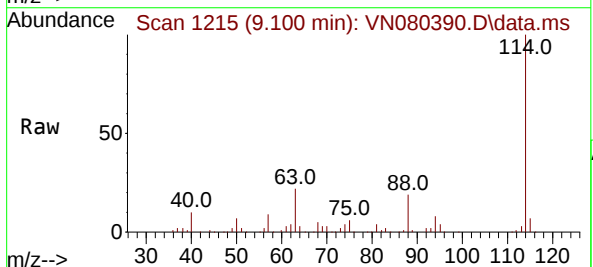
Tgt Ion:114 Resp: 355796

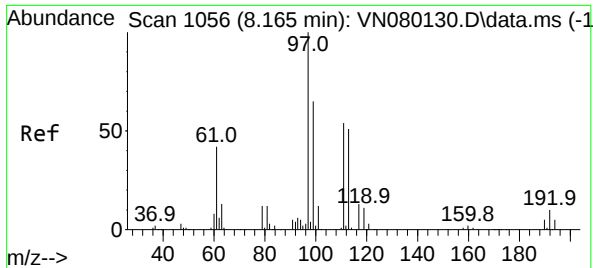
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

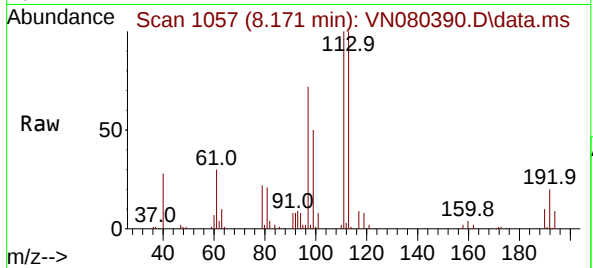
88 18.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.139 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

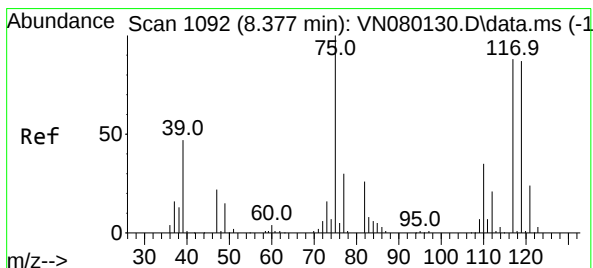
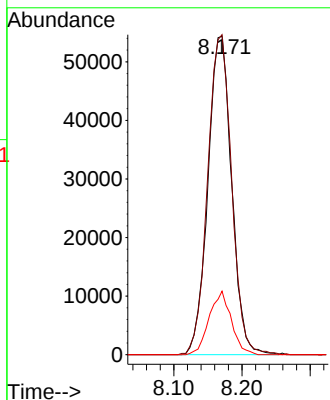
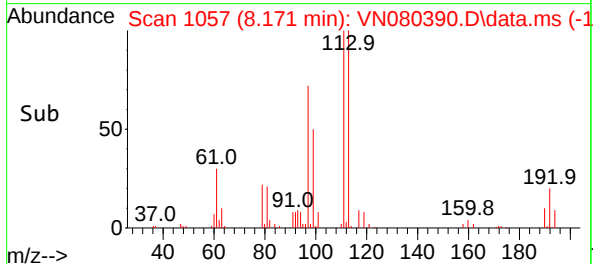
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



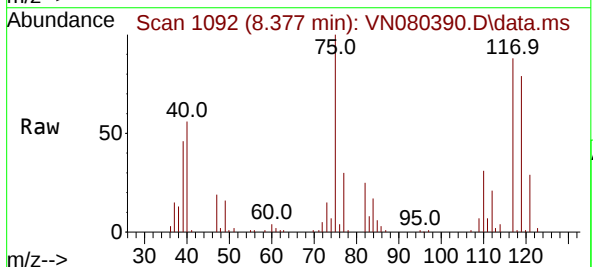
Tgt Ion: 113 Resp: 131630
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.7 12.7 19.1

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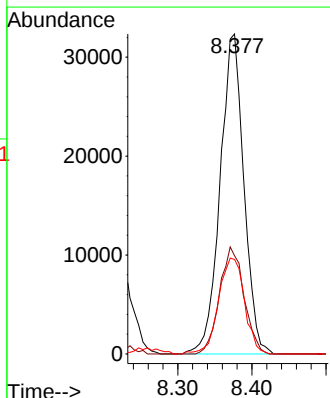
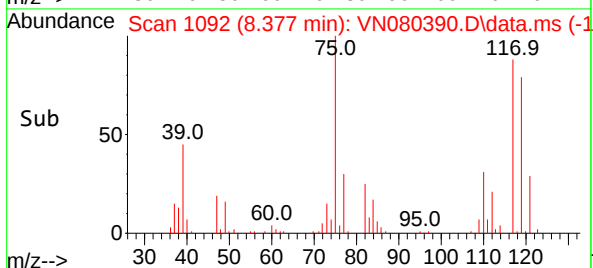
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

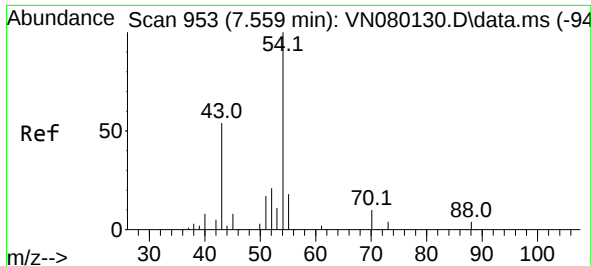


#36
1,1-Dichloropropene
Concen: 18.961 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



Tgt Ion: 75 Resp: 72070
Ion Ratio Lower Upper
75 100
110 34.3 19.1 57.3
77 32.7 25.0 37.4





#37

Ethyl Acetate

Concen: 17.121 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

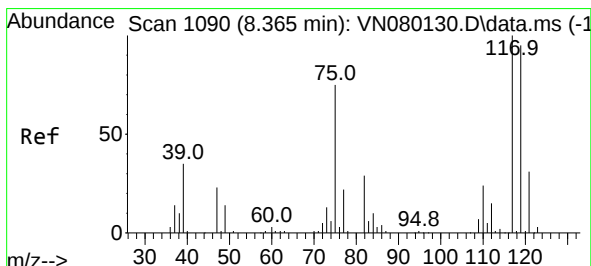
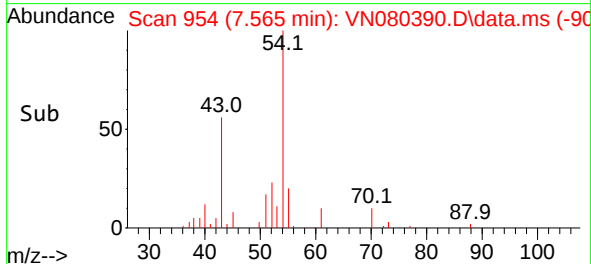
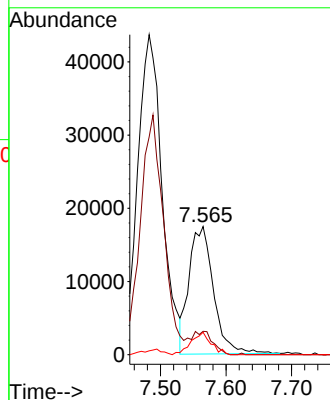
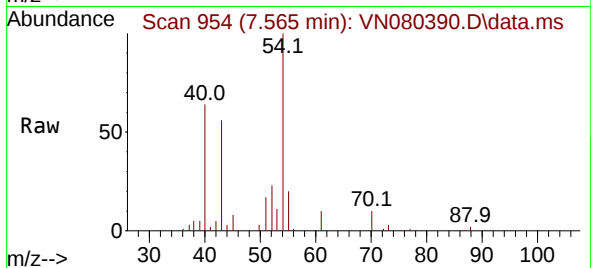
VN1206MBS01

Tgt Ion: 43 Resp: 45139
 Ion Ratio Lower Upper
 43 100
 61 13.5 13.2 19.8
 70 14.5 11.3 16.9

Manual Integrations

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Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#38

Carbon Tetrachloride

Concen: 19.891 ug/l

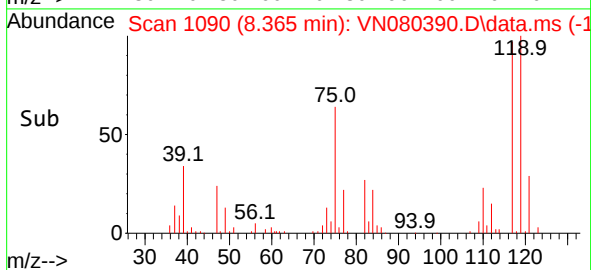
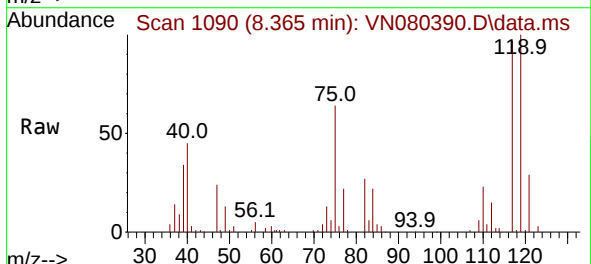
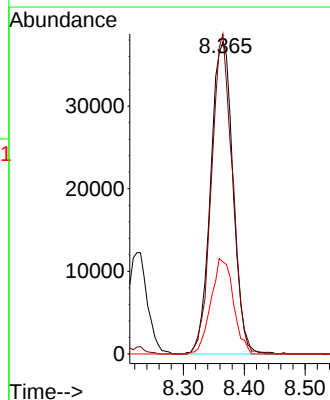
RT: 8.365 min Scan# 1090

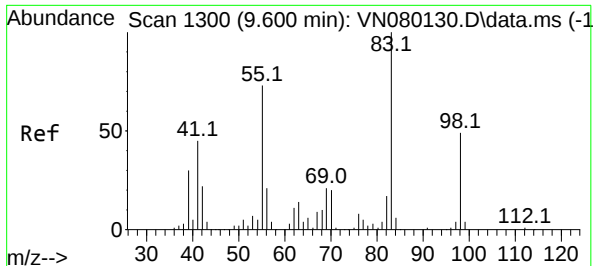
Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Tgt Ion:117 Resp: 95940
 Ion Ratio Lower Upper
 117 100
 119 102.6 77.3 115.9
 121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.409 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 83 Resp: 67460

Ion Ratio Lower Upper

83 100

55 68.2 49.1 73.7

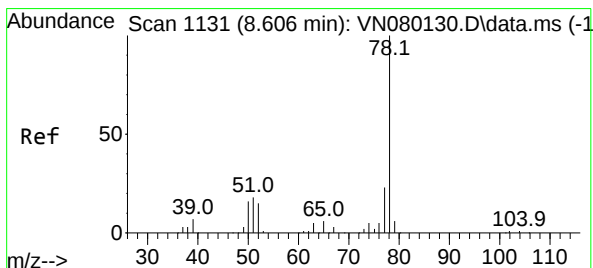
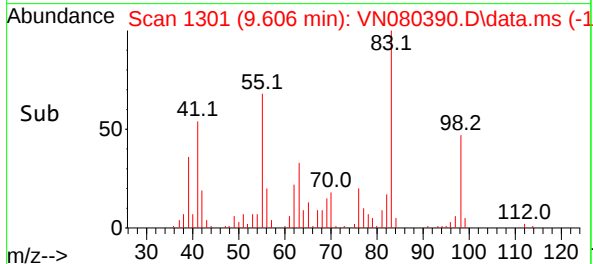
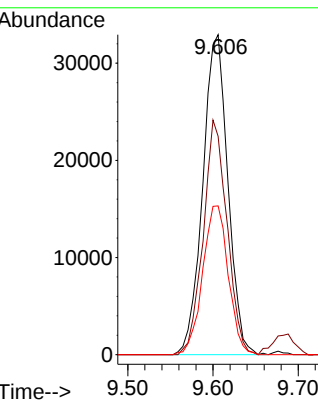
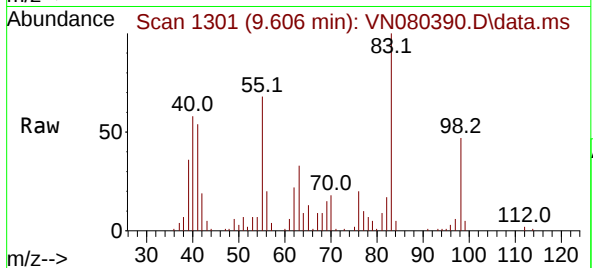
98 46.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#40

Benzene

Concen: 18.835 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080390.D

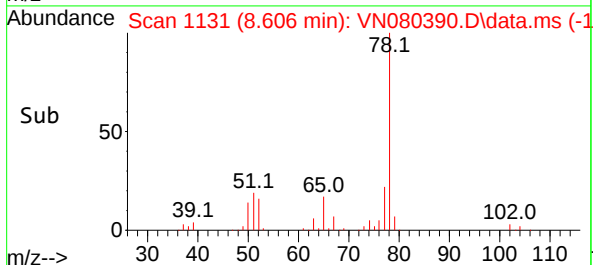
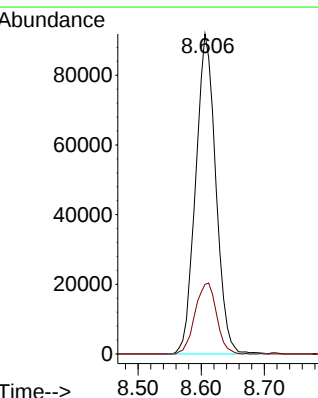
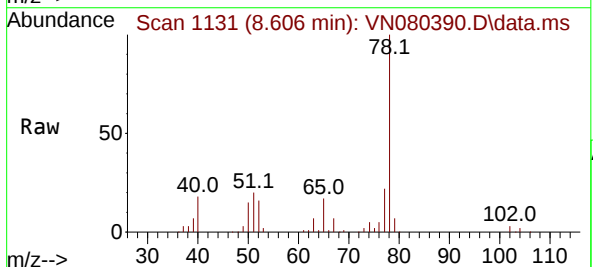
Acq: 06 Dec 2023 16:46

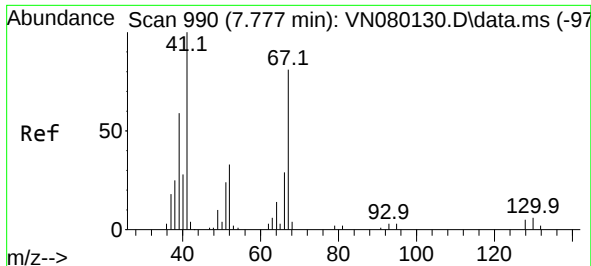
Tgt Ion: 78 Resp: 203463

Ion Ratio Lower Upper

78 100

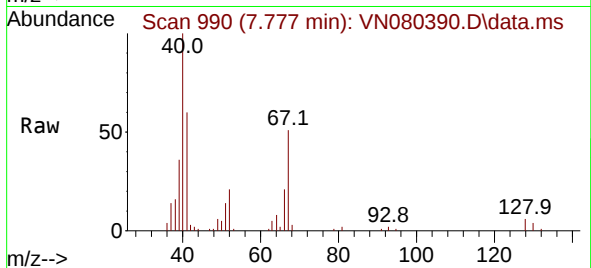
77 21.8 19.0 28.6





#41
Methacrylonitrile
Concen: 19.468 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

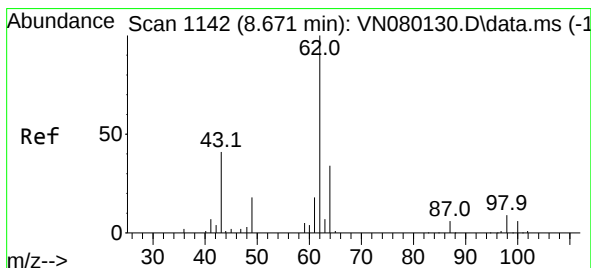
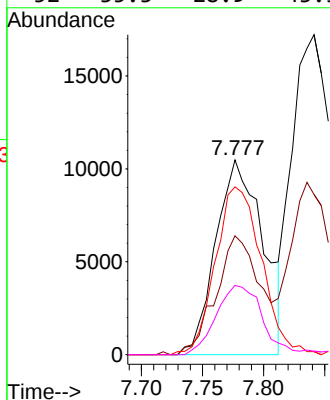
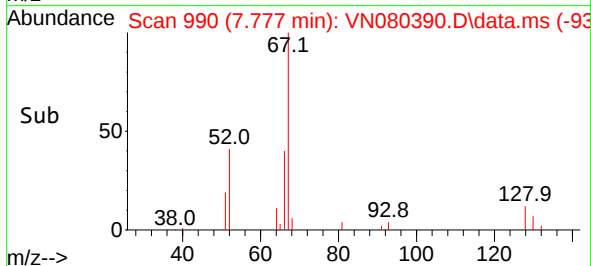
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 41 Resp: 2818
Ion Ratio Lower Upper
41 100
39 56.0 42.6 64.0
67 83.9 77.5 116.3
52 35.3 28.9 43.3

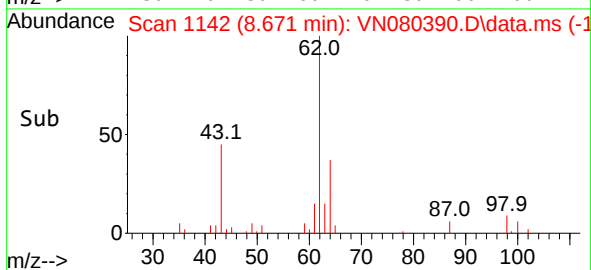
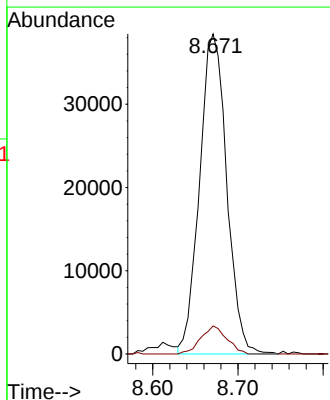
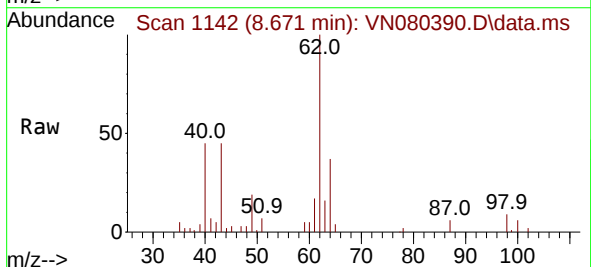
Manual Integrations
APPROVED

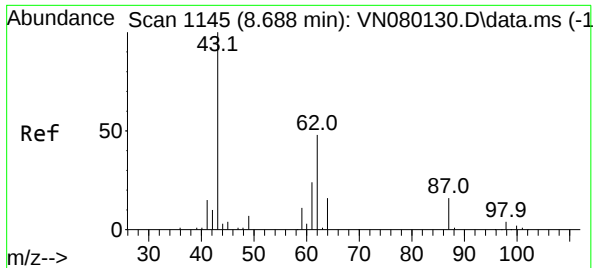
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#42
1,2-Dichloroethane
Concen: 19.241 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 62 Resp: 85036
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.697 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 43 Resp: 90794

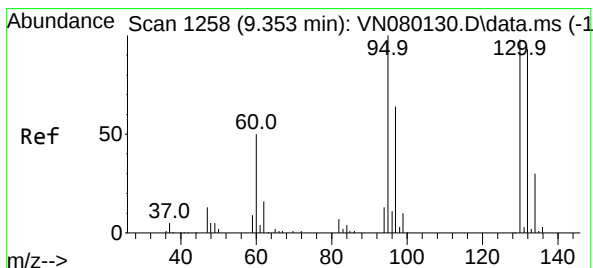
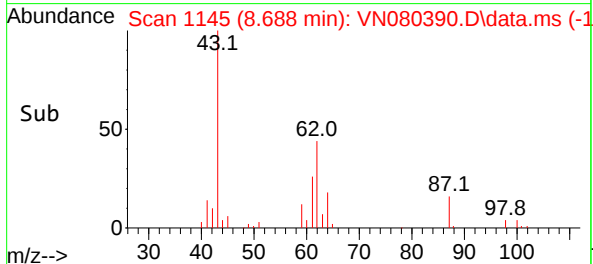
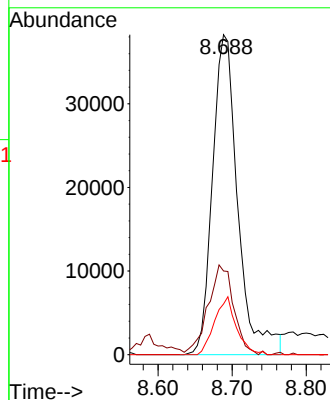
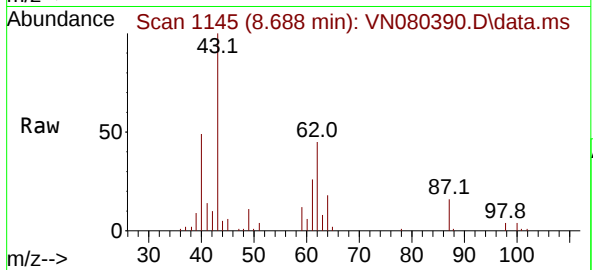
Ion	Ratio	Lower	Upper
43	100		
61	28.3	24.7	37.1
87	15.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#44

Trichloroethene

Concen: 19.032 ug/l

RT: 9.359 min Scan# 1259

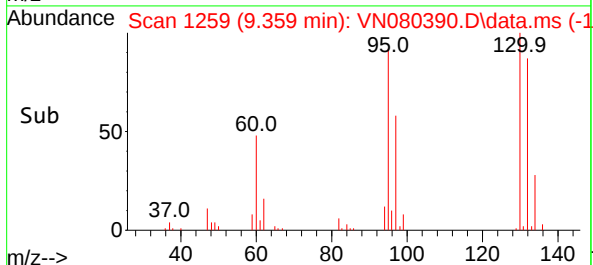
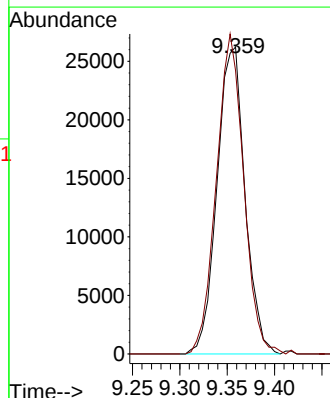
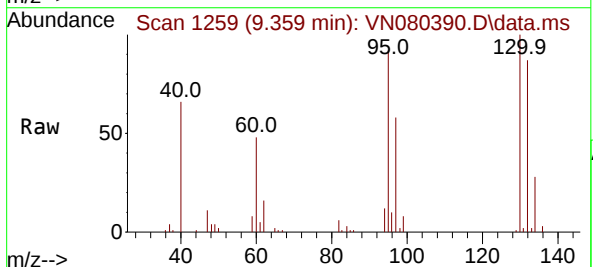
Delta R.T. 0.006 min

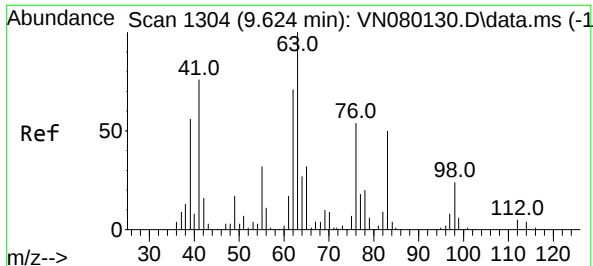
Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Tgt Ion:130 Resp: 53930

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.846 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

Tgt Ion: 63 Resp: 4731

Ion Ratio Lower Upper

63 100

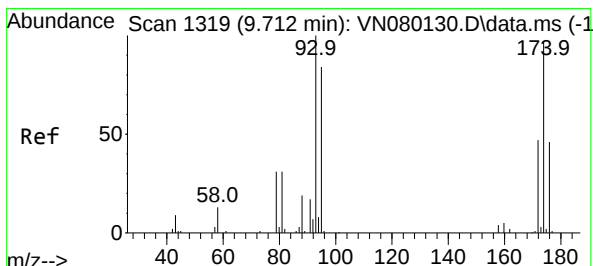
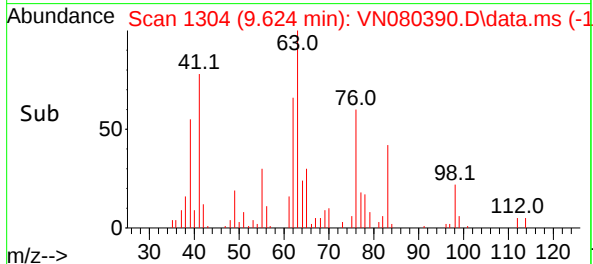
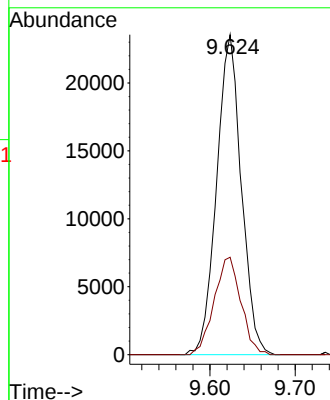
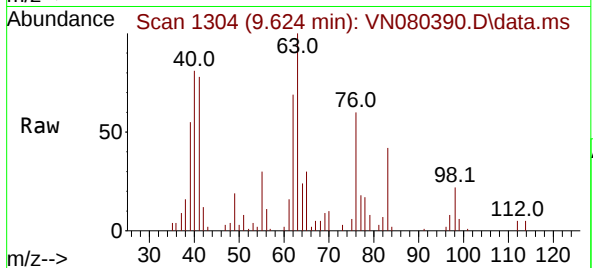
65 30.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#46

Dibromomethane

Concen: 19.982 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

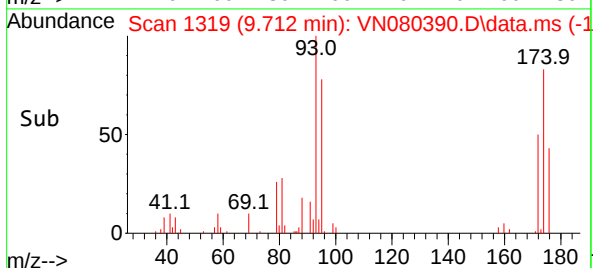
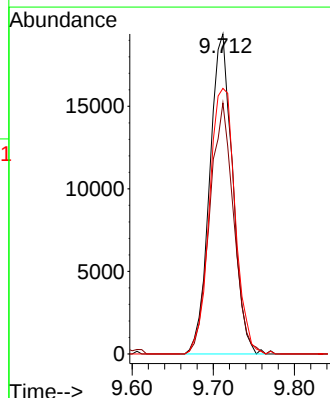
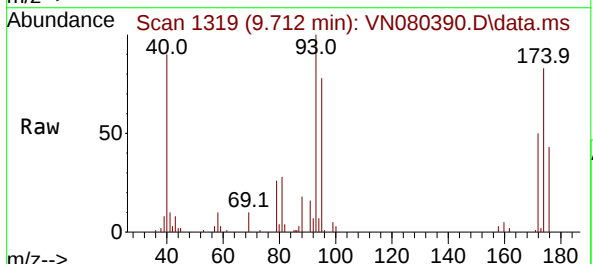
Tgt Ion: 93 Resp: 37972

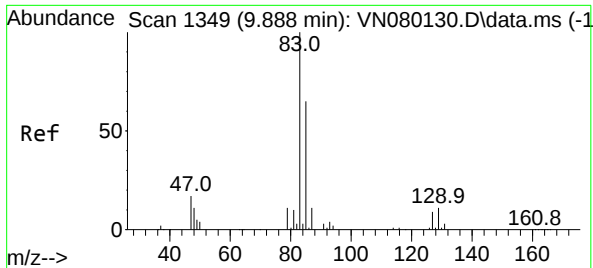
Ion Ratio Lower Upper

93 100

95 81.4 63.8 95.8

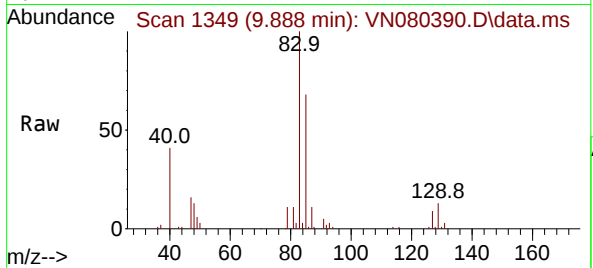
174 92.8 65.6 98.4





#47
Bromodichloromethane
Concen: 19.518 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

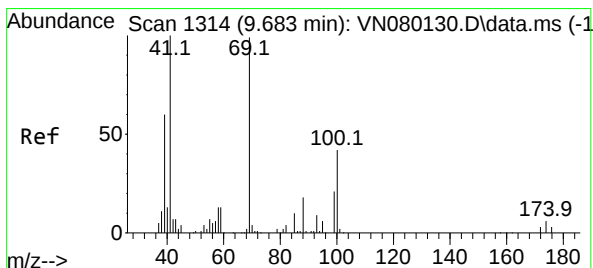
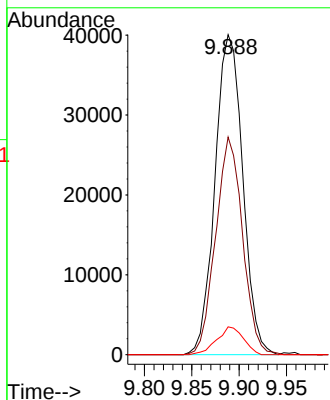
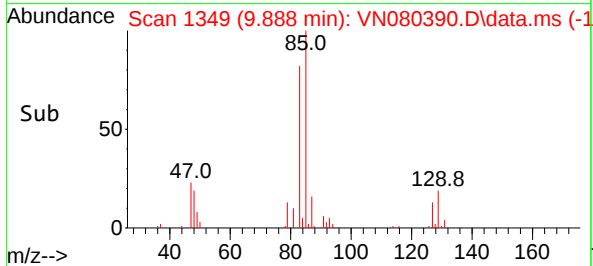
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 83 Resp: 81590
Ion Ratio Lower Upper
83 100
85 68.0 49.6 74.4
127 8.7 7.0 10.6

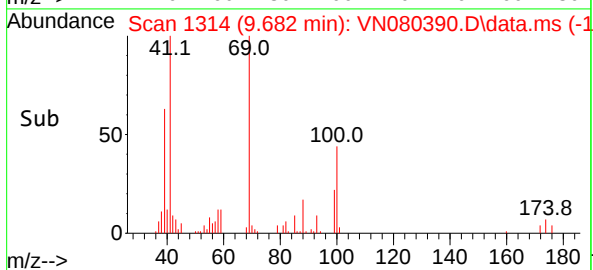
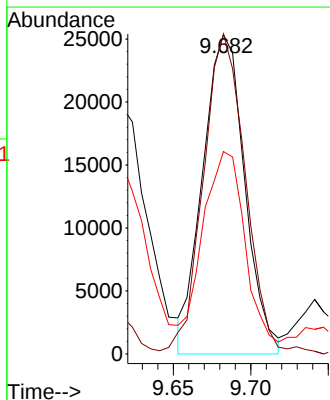
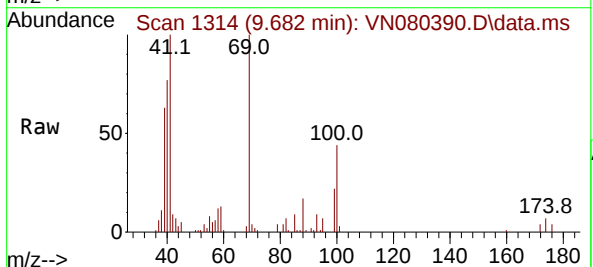
Manual Integrations
APPROVED

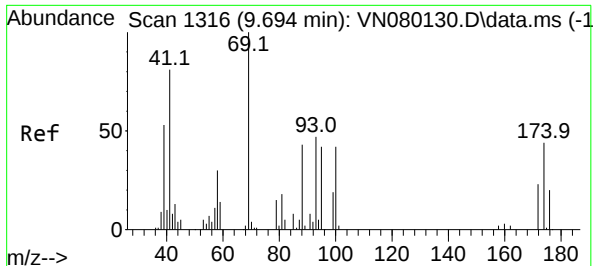
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#48
Methyl methacrylate
Concen: 18.077 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

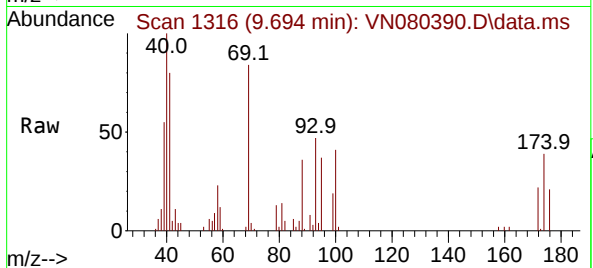
Tgt Ion: 41 Resp: 47795
Ion Ratio Lower Upper
41 100
69 100.7 90.4 135.6
39 65.2 54.6 81.8





#49
1,4-Dioxane
Concen: 326.907 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

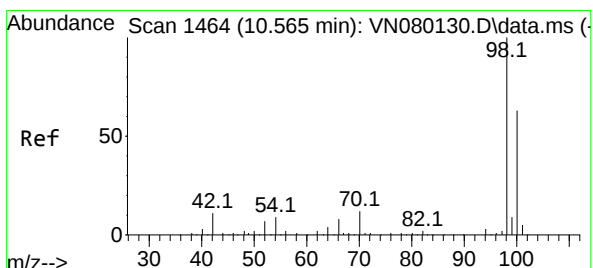
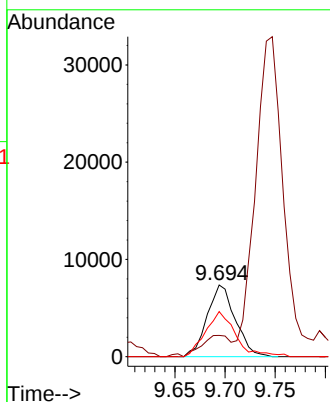
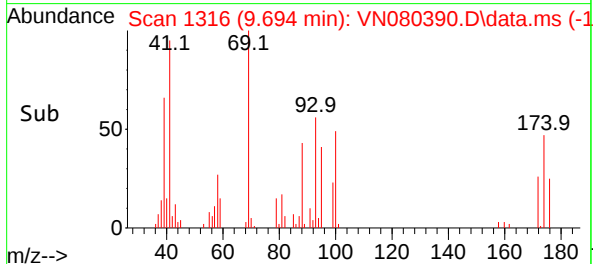
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



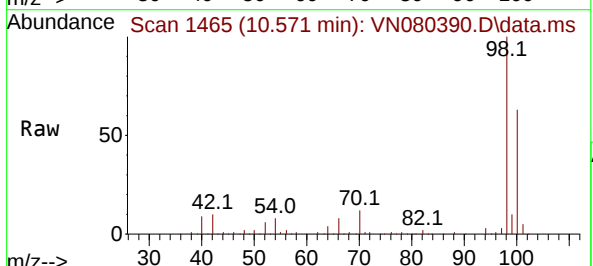
Tgt Ion: 88 Resp: 14379
Ion Ratio Lower Upper
88 100
43 30.8 17.0 25.6
58 67.6 47.0 70.4

Manual Integrations
APPROVED

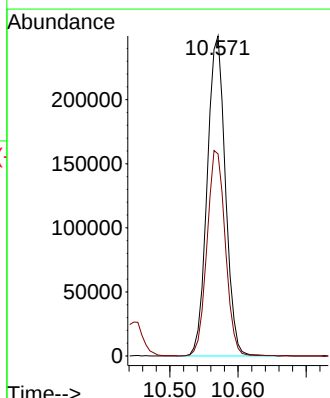
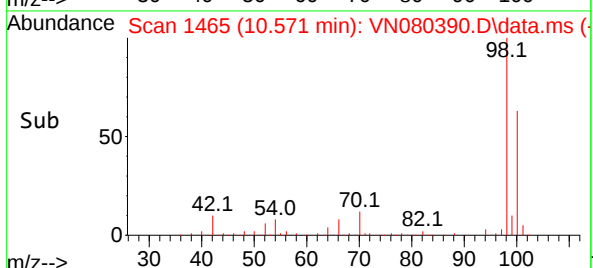
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

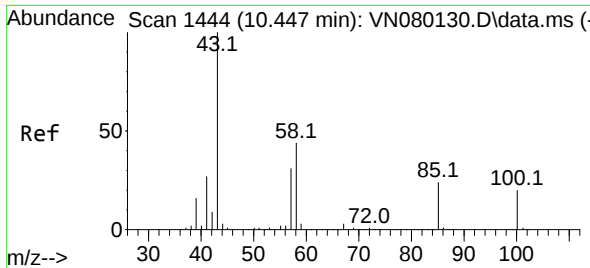


#50
Toluene-d8
Concen: 48.847 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



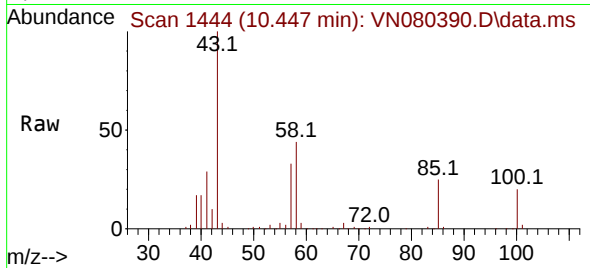
Tgt Ion: 98 Resp: 462272
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 90.236 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

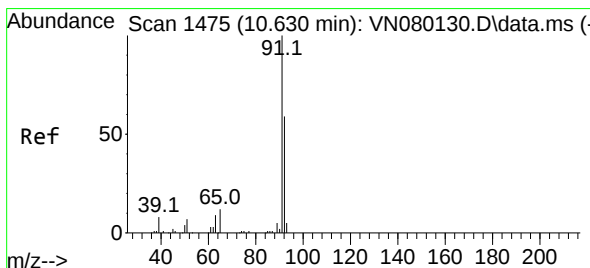
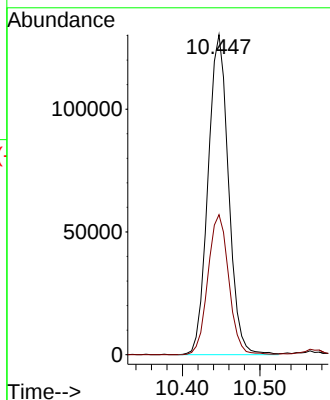
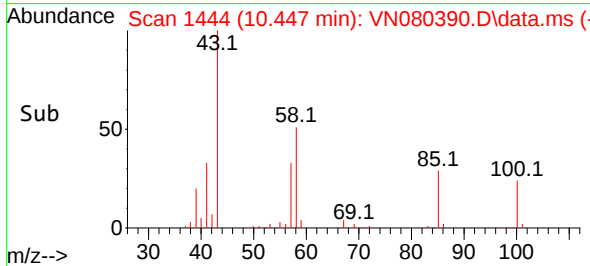
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 43 Resp: 23968
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8

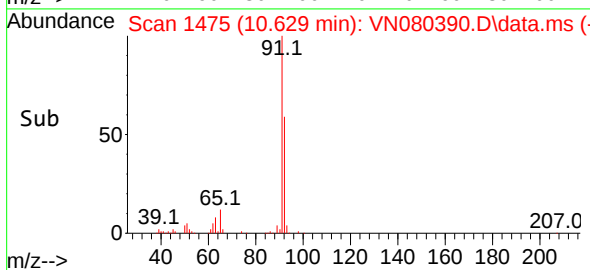
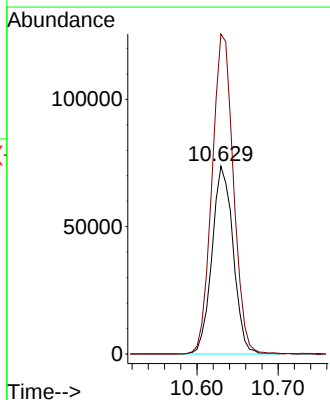
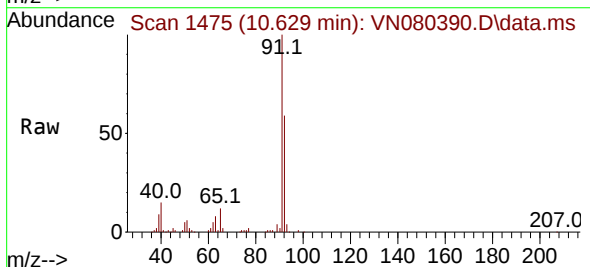
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#52
Toluene
Concen: 19.751 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 92 Resp: 133525
Ion Ratio Lower Upper
92 100
91 172.8 137.4 206.0





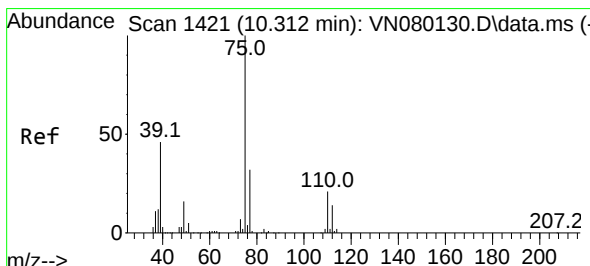
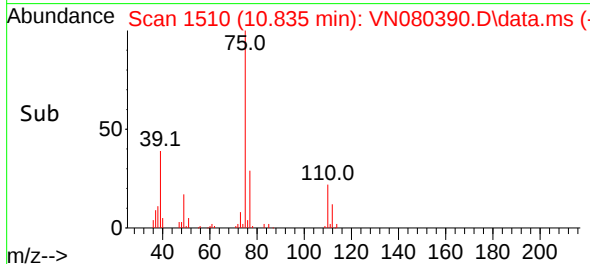
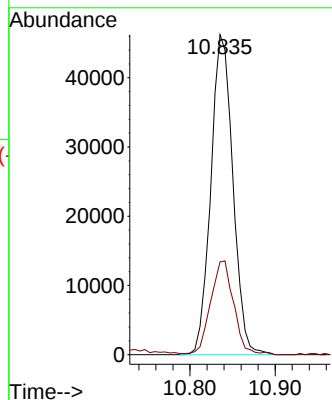
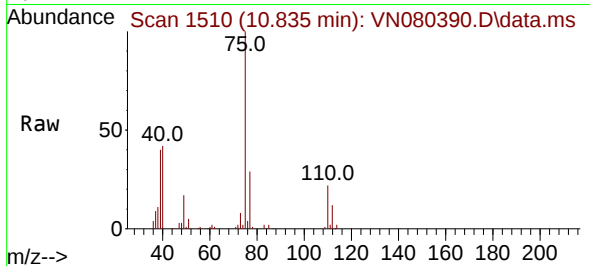
#53
t-1,3-Dichloropropene
Concen: 19.320 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion: 75 Resp: 82970
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.0

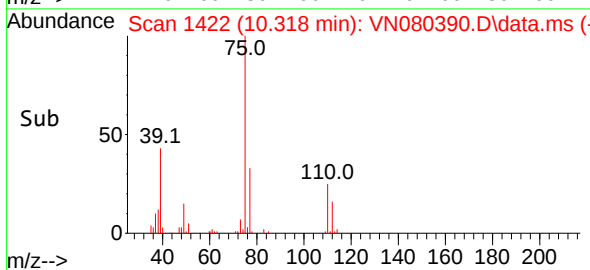
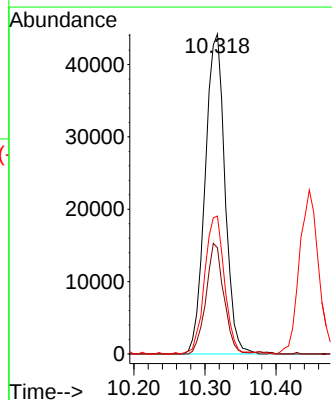
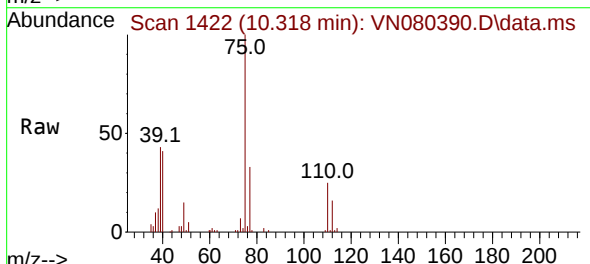
Manual Integrations
APPROVED

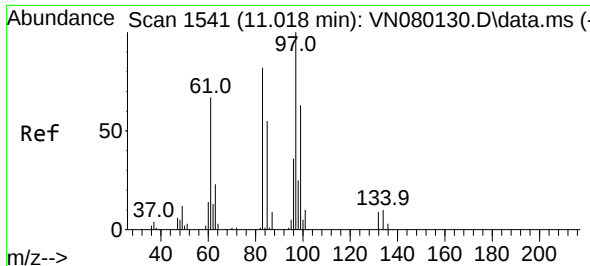
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#54
cis-1,3-Dichloropropene
Concen: 19.558 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

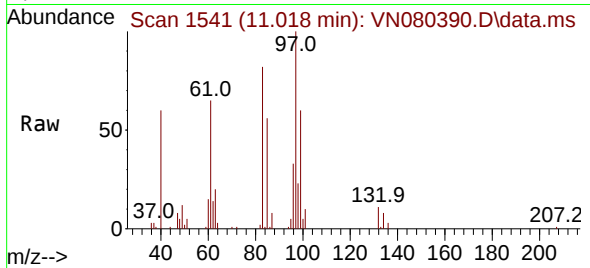
Tgt Ion: 75 Resp: 85817
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1
39 43.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.816 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

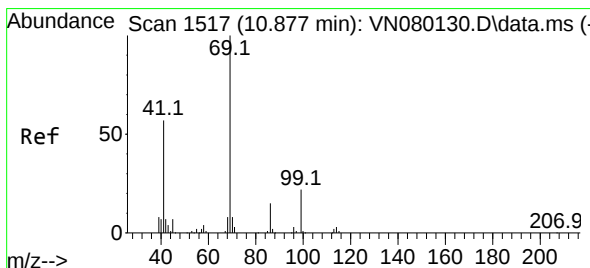
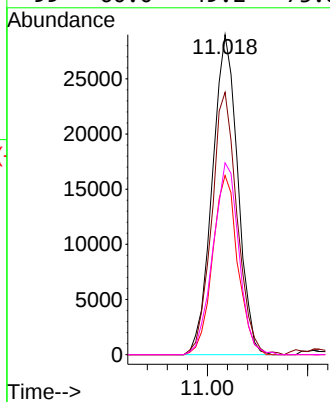
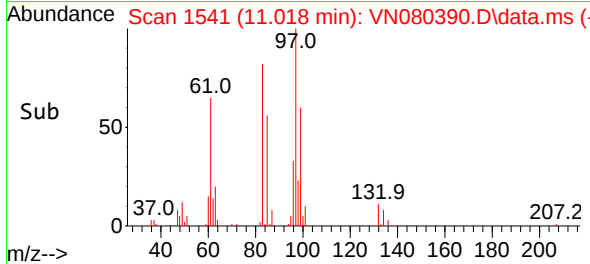
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



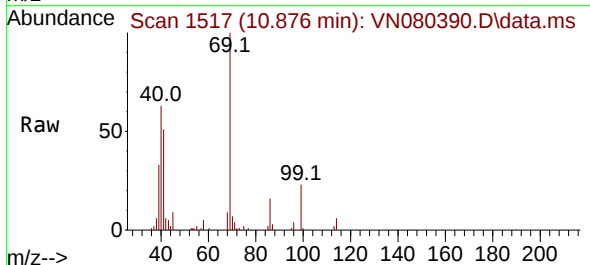
Tgt Ion:	97	Resp:	5113
Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.1	97.7
85	56.0	43.4	65.2
99	60.0	49.2	73.8

Manual Integrations
APPROVED

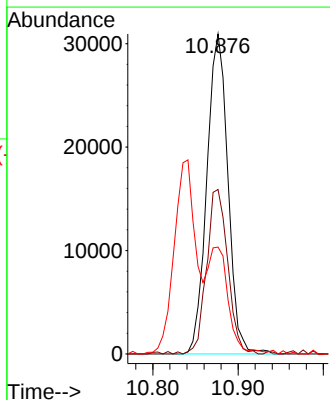
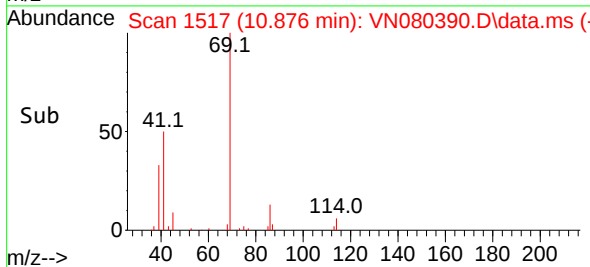
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

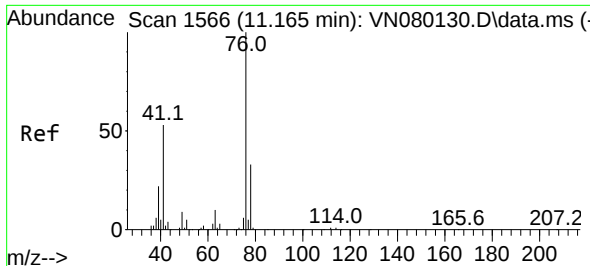


#56
Ethyl methacrylate
Concen: 20.187 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



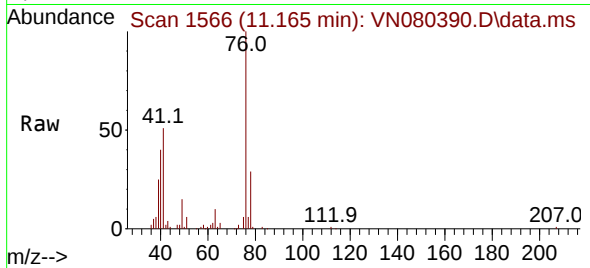
Tgt Ion:	69	Resp:	53213
Ion	Ratio	Lower	Upper
69	100		
41	51.4	39.6	59.4
39	32.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 18.674 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

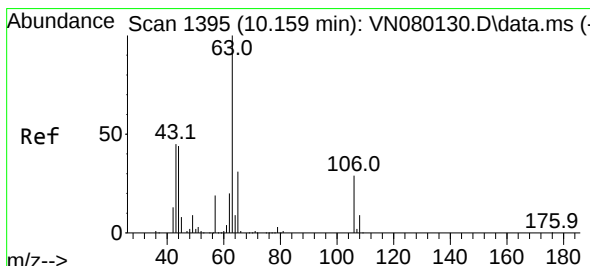
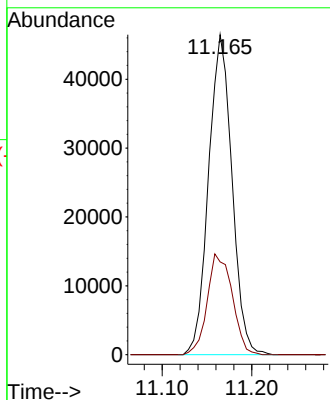
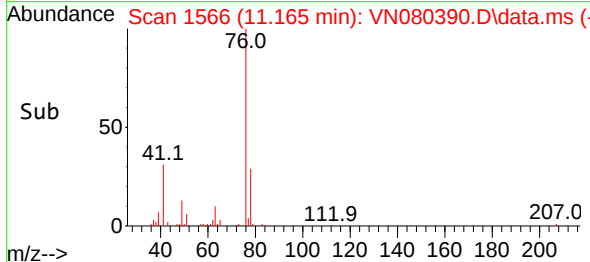
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 76 Resp: 84129
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

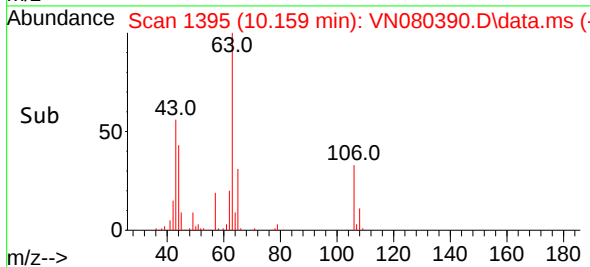
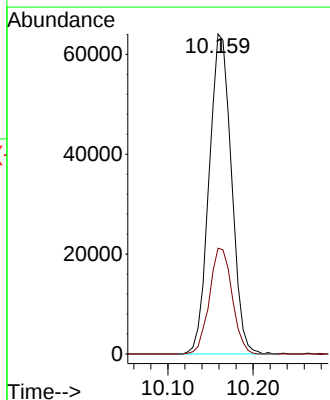
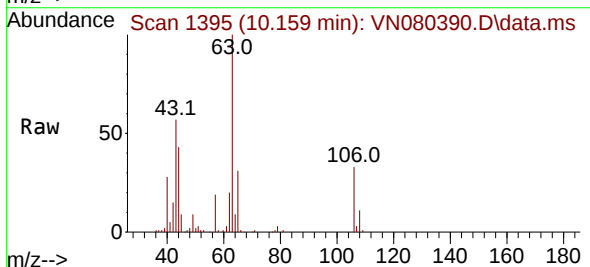
Manual Integrations
APPROVED

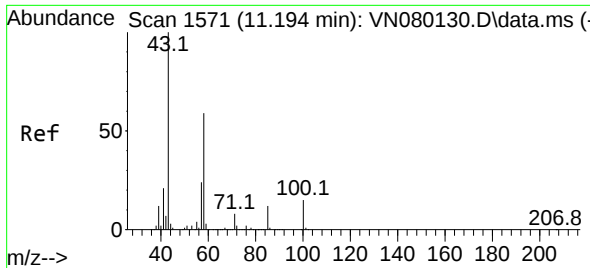
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 78.562 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

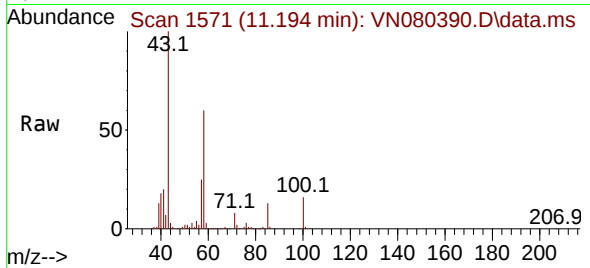
Tgt Ion: 63 Resp: 116668
Ion Ratio Lower Upper
63 100
106 33.5 26.2 39.4





#59
2-Hexanone
Concen: 82.974 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

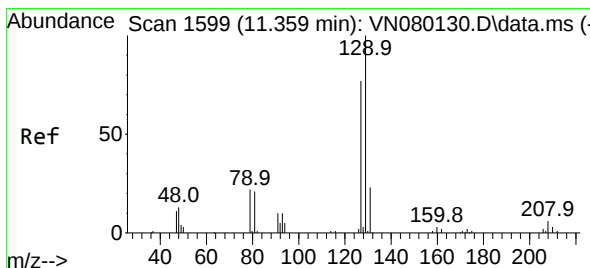
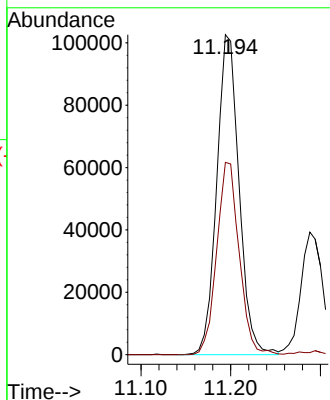
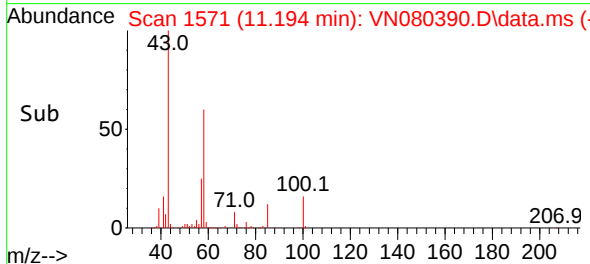
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 43 Resp: 177099
Ion Ratio Lower Upper
43 100
58 60.5 31.7 95.1

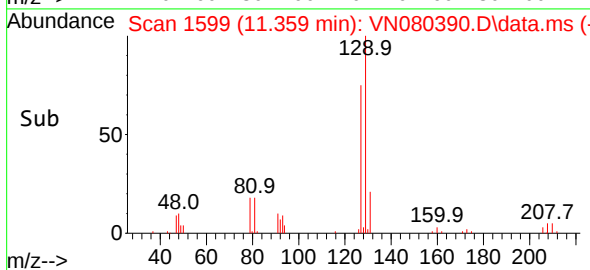
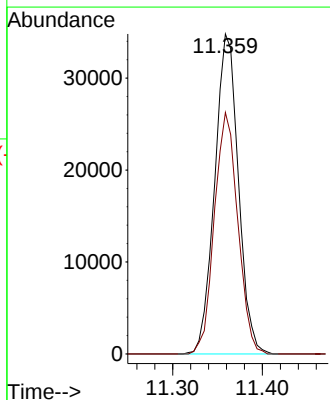
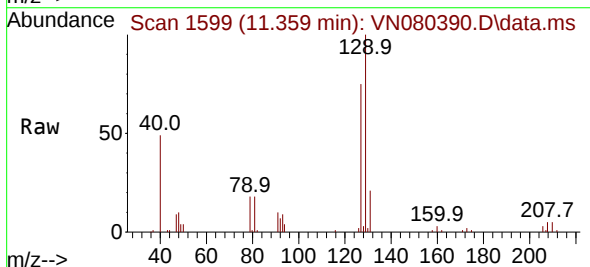
Manual Integrations
APPROVED

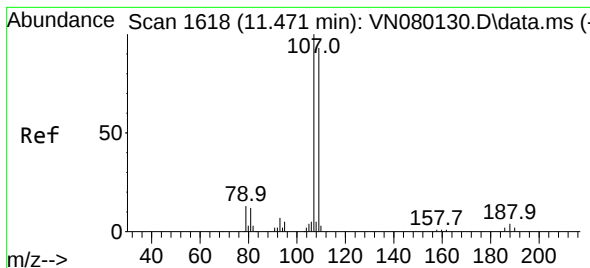
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#60
Dibromochloromethane
Concen: 20.634 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion:129 Resp: 63742
Ion Ratio Lower Upper
129 100
127 74.7 38.6 116.0





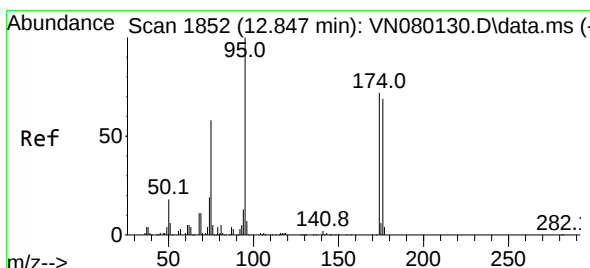
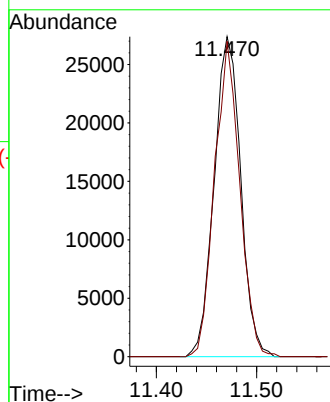
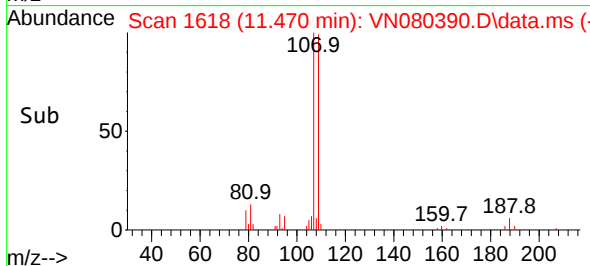
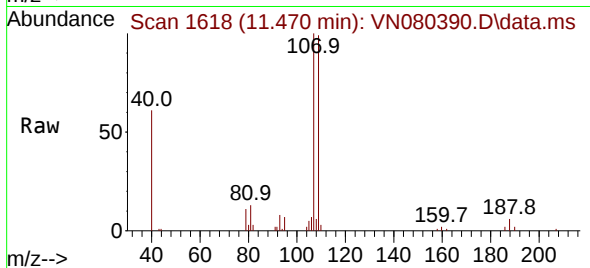
#61
1,2-Dibromoethane
Concen: 19.110 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:107 Resp: 50304
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

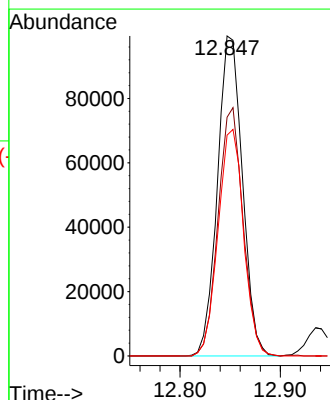
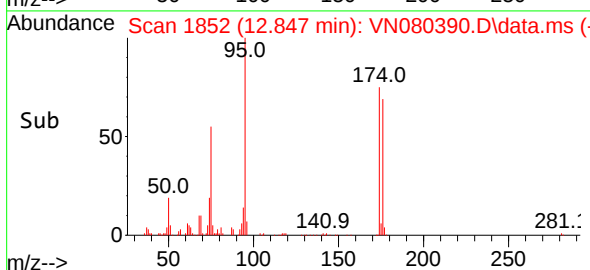
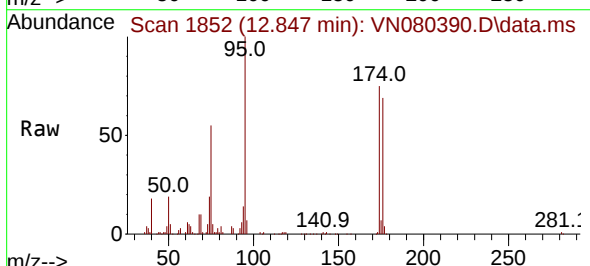
Manual Integrations
APPROVED

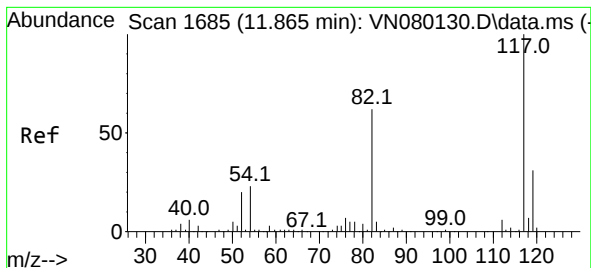
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#62
4-Bromofluorobenzene
Concen: 48.068 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 95 Resp: 171822
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 72.3 0.0 135.8





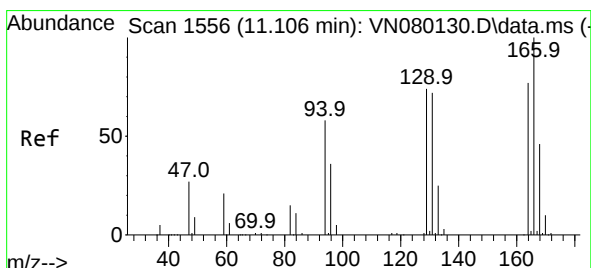
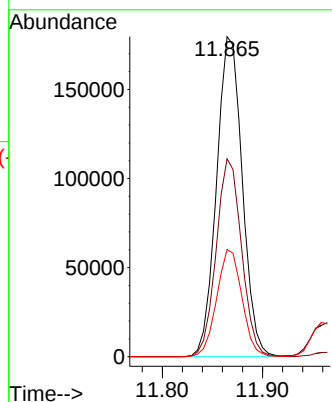
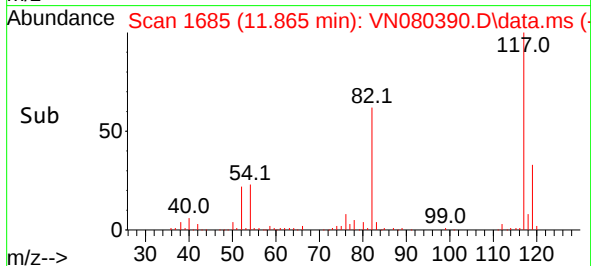
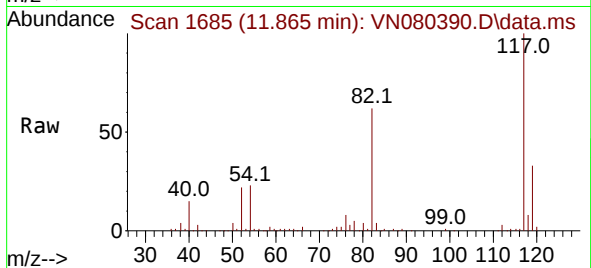
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:117 Resp: 32078
Ion Ratio Lower Upper
117 100
82 61.8 44.0 66.0
119 33.5 25.6 38.4

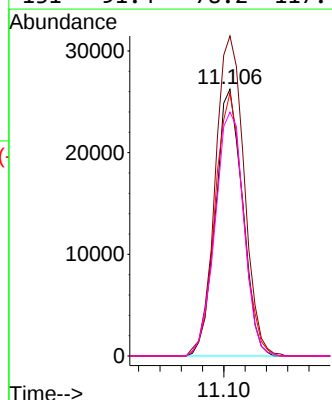
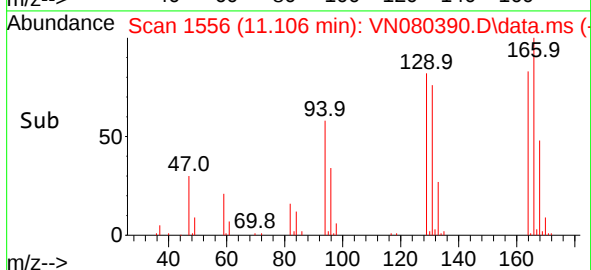
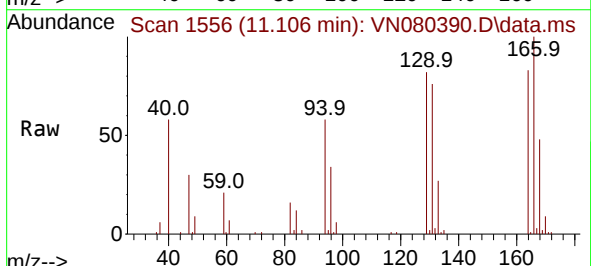
Manual Integrations
APPROVED

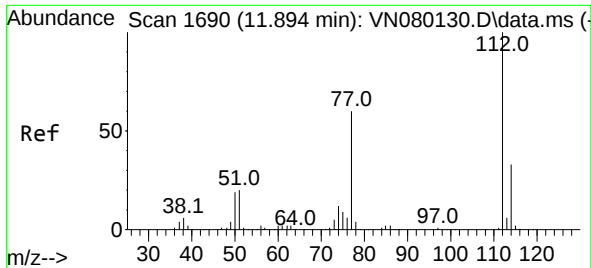
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#64
Tetrachloroethene
Concen: 18.985 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

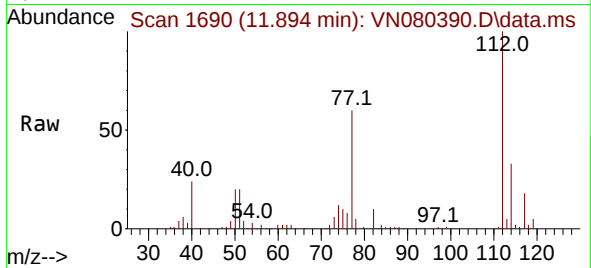
Tgt Ion:164 Resp: 46478
Ion Ratio Lower Upper
164 100
166 120.0 101.4 152.0
129 98.6 82.4 123.6
131 91.4 78.2 117.4





#65
Chlorobenzene
Concen: 19.235 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

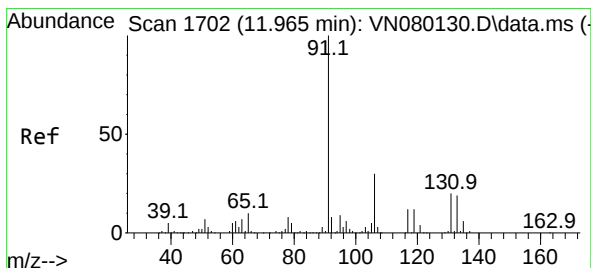
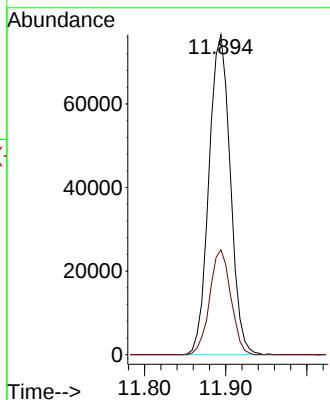
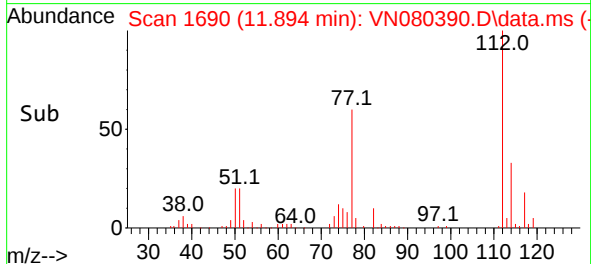
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



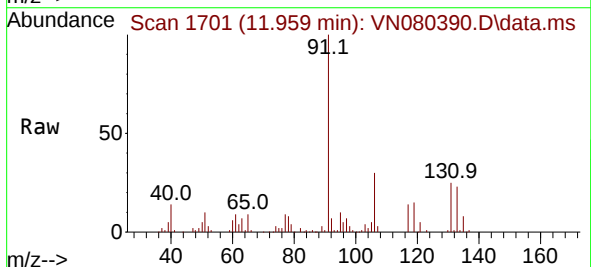
Tgt Ion:112 Resp: 139814
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

Manual Integrations
APPROVED

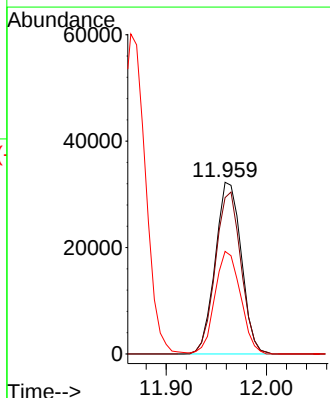
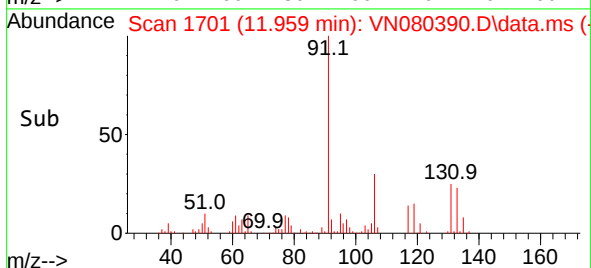
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

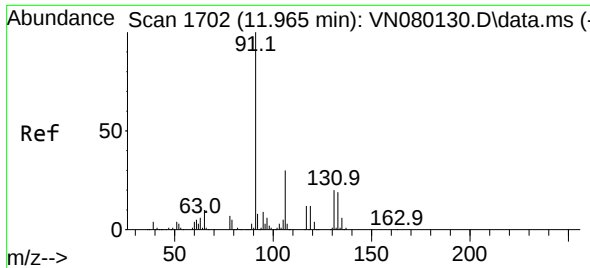


#66
1,1,1,2-Tetrachloroethane
Concen: 20.674 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



Tgt Ion:131 Resp: 58316
Ion Ratio Lower Upper
131 100
133 92.8 46.4 139.1
119 58.7 34.1 102.2





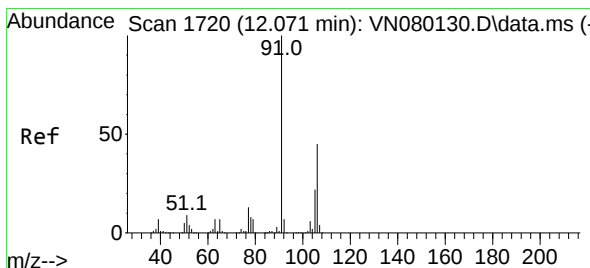
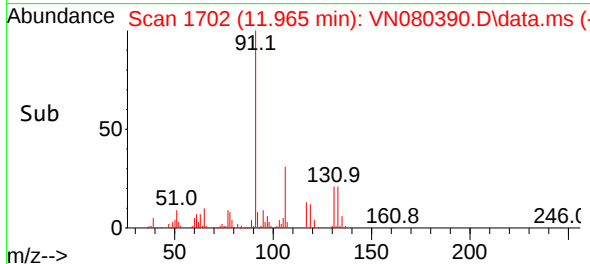
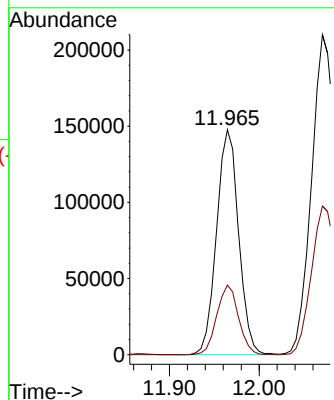
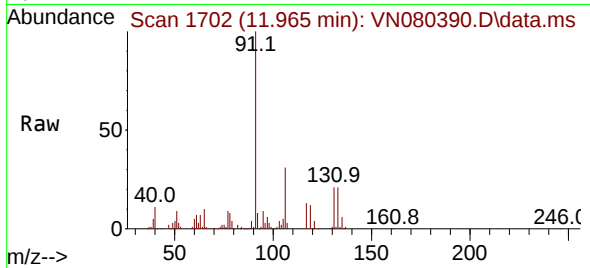
#67
Ethyl Benzene
Concen: 19.479 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion: 91 Resp: 25194
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

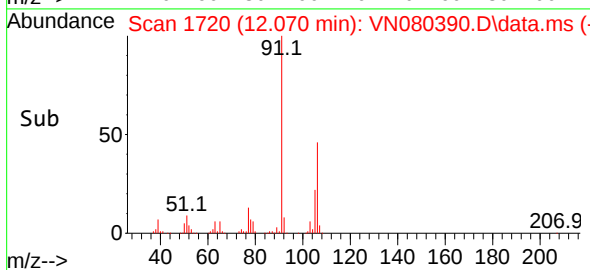
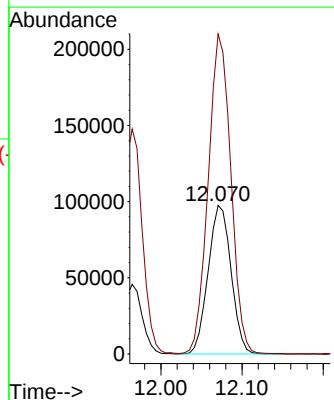
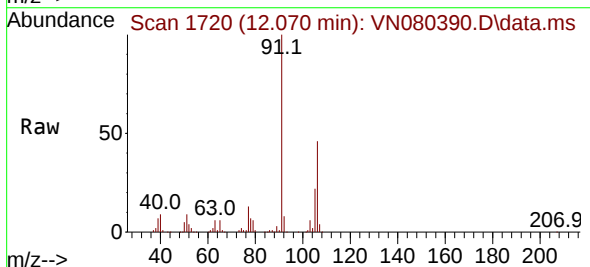
Manual Integrations
APPROVED

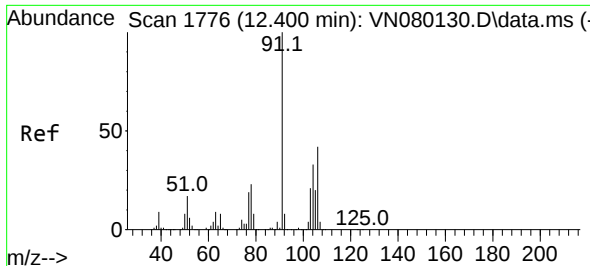
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#68
m/p-Xylenes
Concen: 40.538 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion:106 Resp: 191174
Ion Ratio Lower Upper
106 100
91 213.2 159.6 239.4





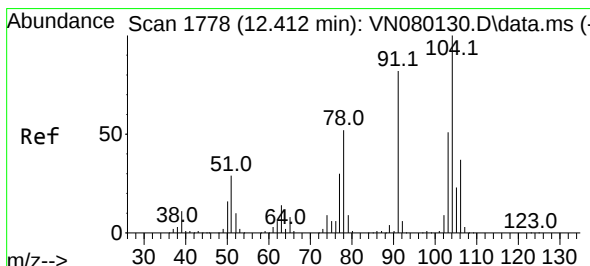
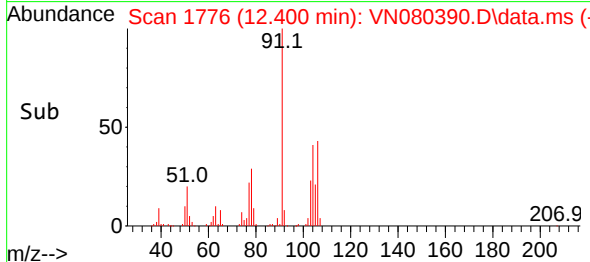
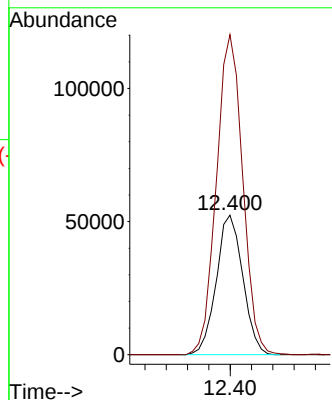
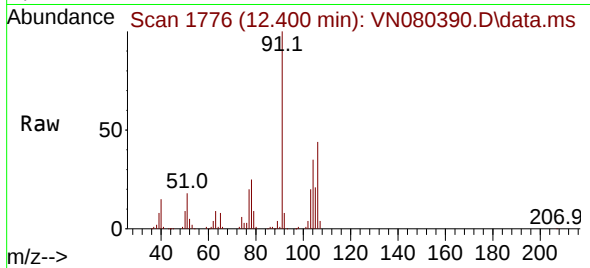
#69
o-Xylene
Concen: 20.371 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:106 Resp: 90538
Ion Ratio Lower Upper
106 100
91 227.4 105.2 315.5

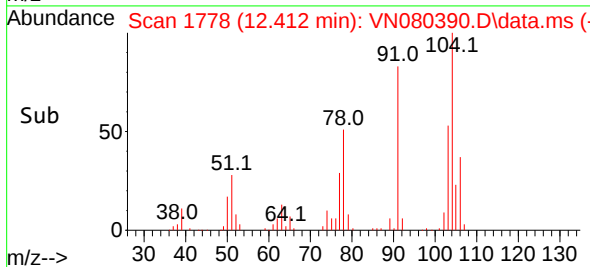
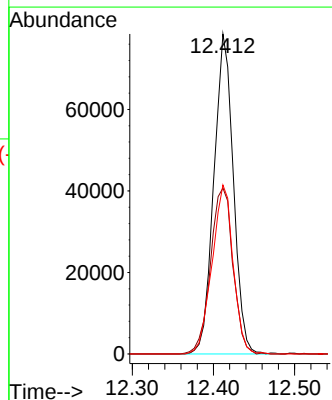
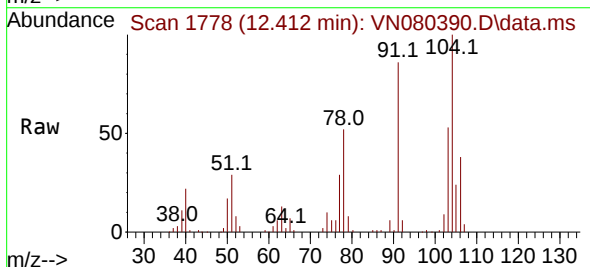
Manual Integrations
APPROVED

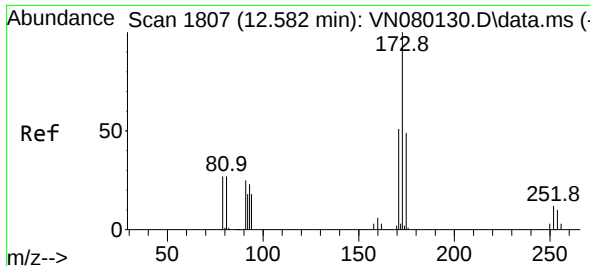
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#70
Styrene
Concen: 19.810 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

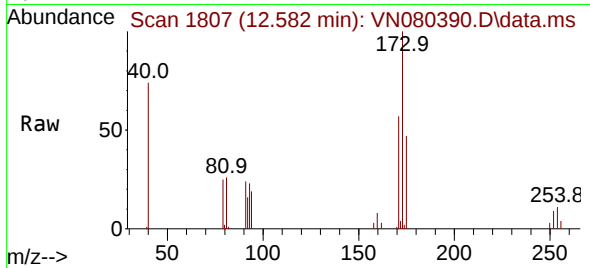
Tgt Ion:104 Resp: 131044
Ion Ratio Lower Upper
104 100
78 59.6 39.5 59.3#
103 57.2 43.2 64.8





#71
Bromoform
Concen: 19.754 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

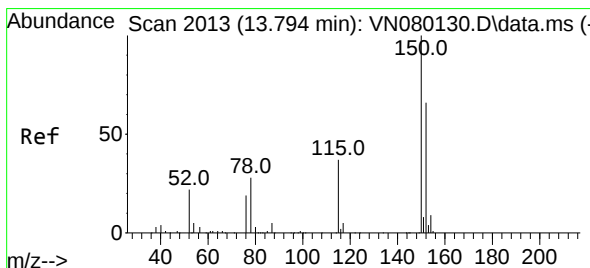
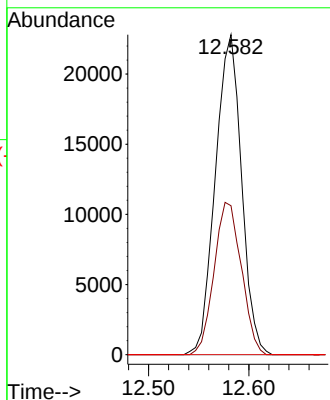
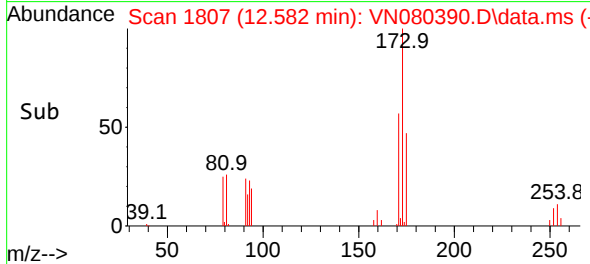
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion:173 Resp: 4132
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0

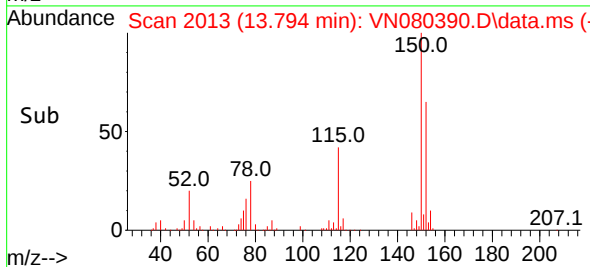
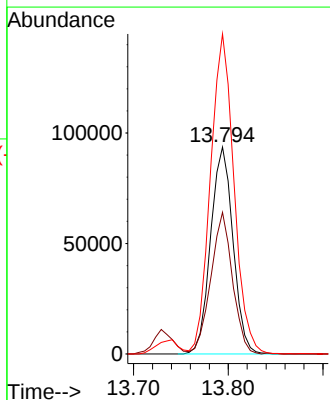
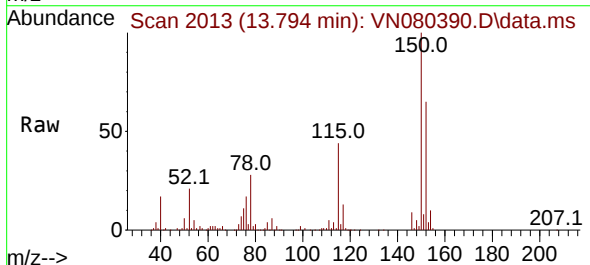
Manual Integrations
APPROVED

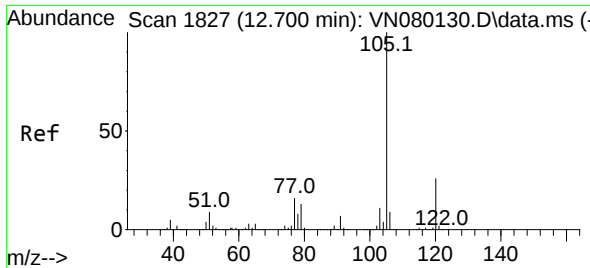
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

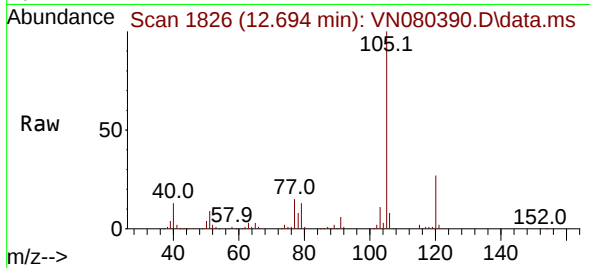
Tgt Ion:152 Resp: 153515
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 162.1 0.0 355.8





#73
Isopropylbenzene
Concen: 19.896 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

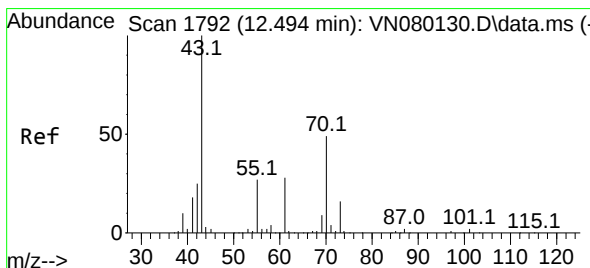
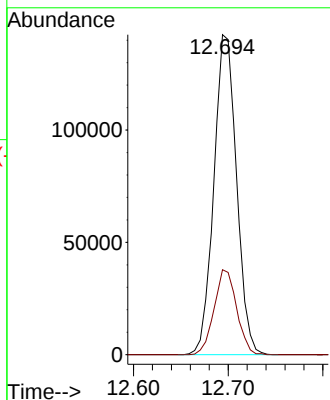
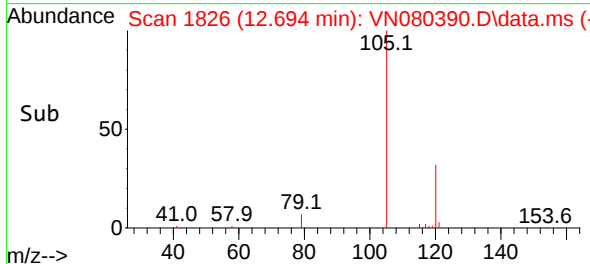
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion:105 Resp: 23734
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

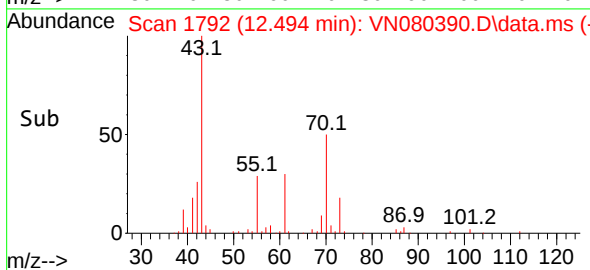
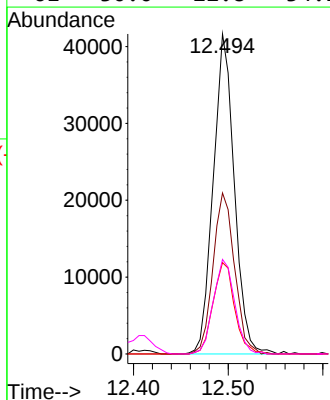
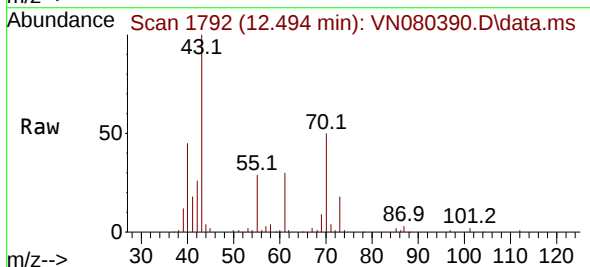
Manual Integrations
APPROVED

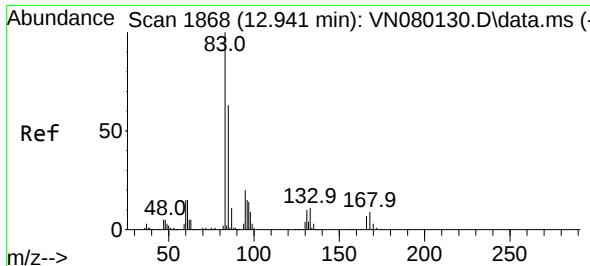
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#74
N-ethyl acetate
Concen: 17.304 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

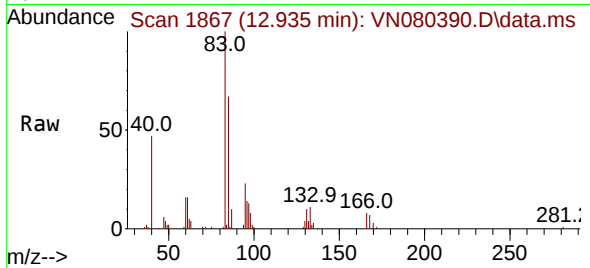
Tgt Ion: 43 Resp: 64374
Ion Ratio Lower Upper
43 100
70 51.4 43.4 65.2
55 29.1 21.4 32.0
61 30.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.499 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

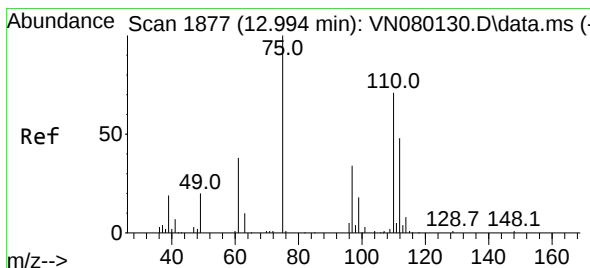
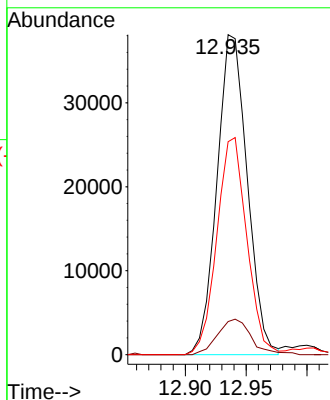
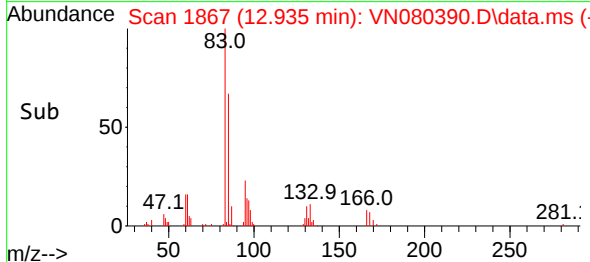
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 83 Resp: 6604
Ion Ratio Lower Upper
83 100
131 12.3 5.0 15.0
85 67.2 31.9 95.7

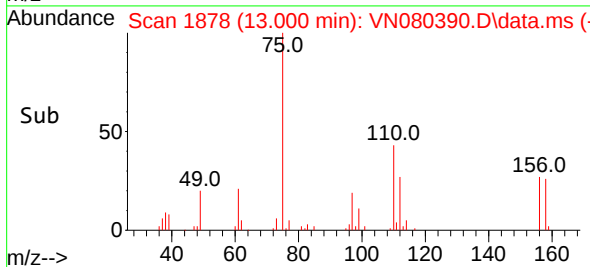
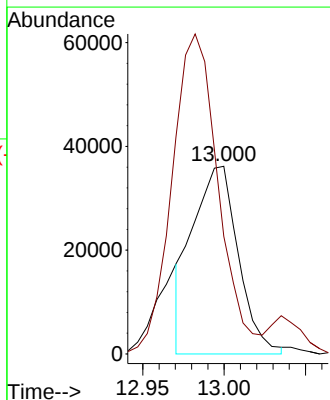
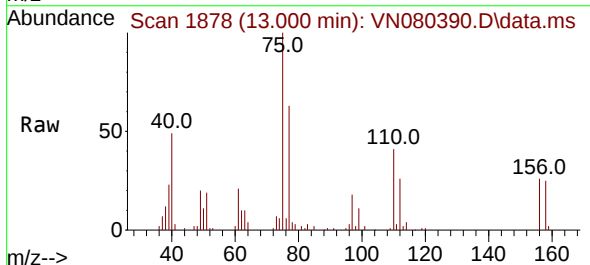
Manual Integrations
APPROVED

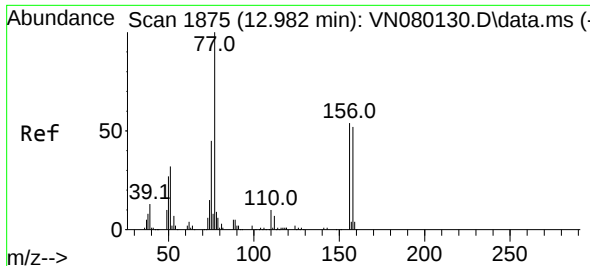
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#76
1,2,3-Trichloropropane
Concen: 18.813 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 75 Resp: 70764
Ion Ratio Lower Upper
75 100
77 172.7 84.5 253.5





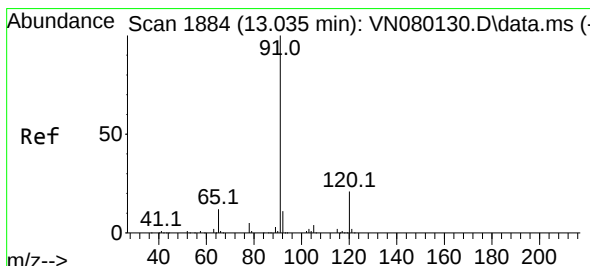
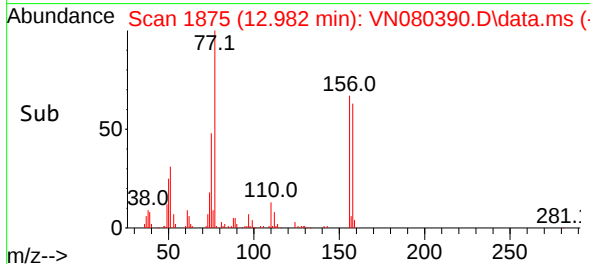
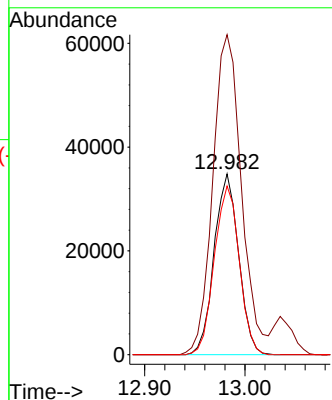
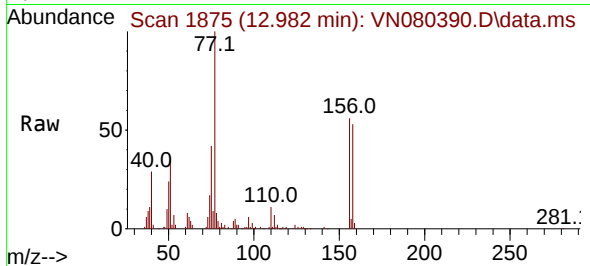
#77
Bromobenzene
Concen: 19.578 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:156 Resp: 58884
Ion Ratio Lower Upper
156 100
77 207.6 107.7 323.3
158 95.0 48.4 145.3

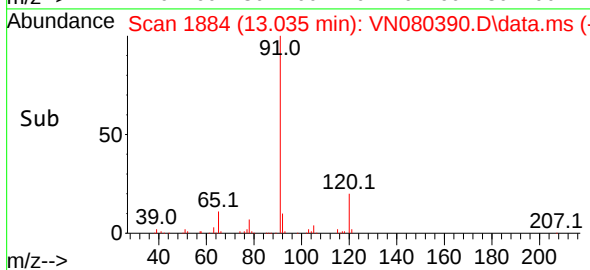
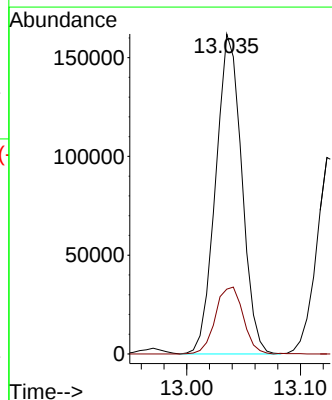
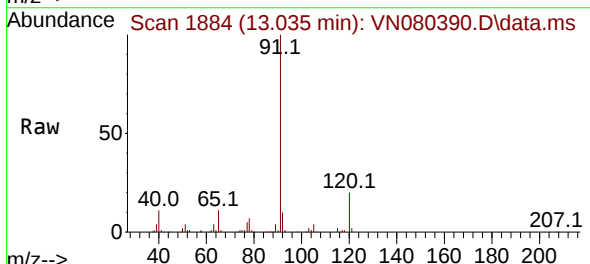
Manual Integrations
APPROVED

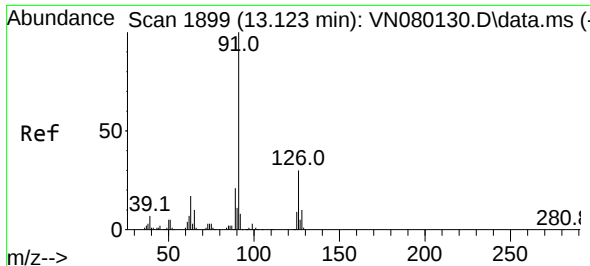
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#78
n-propylbenzene
Concen: 19.383 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

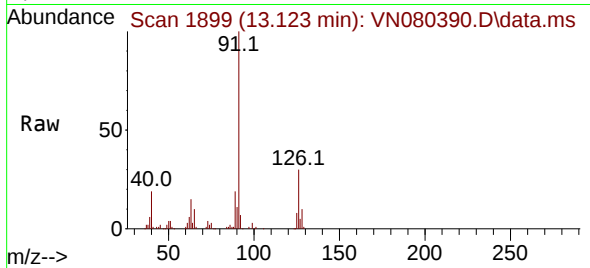
Tgt Ion: 91 Resp: 258565
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 20.175 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

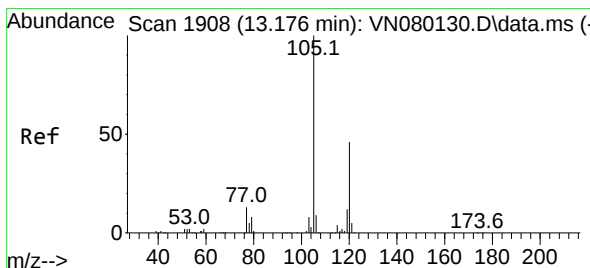
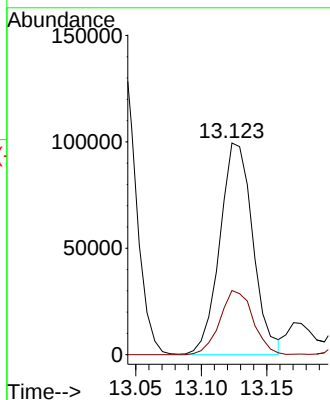
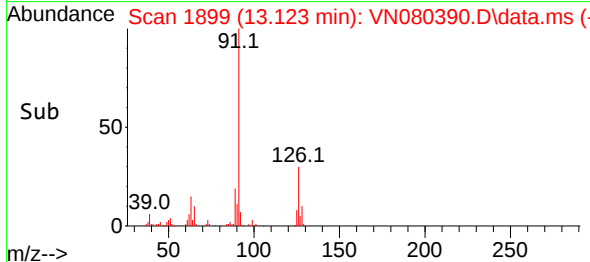
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



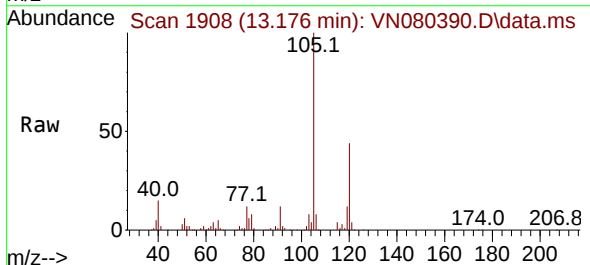
Tgt Ion: 91 Resp: 174794
Ion Ratio Lower Upper
91 100
126 30.3 16.3 48.8

Manual Integrations
APPROVED

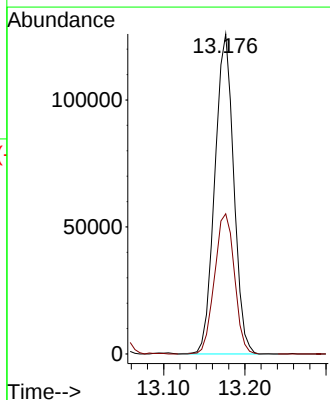
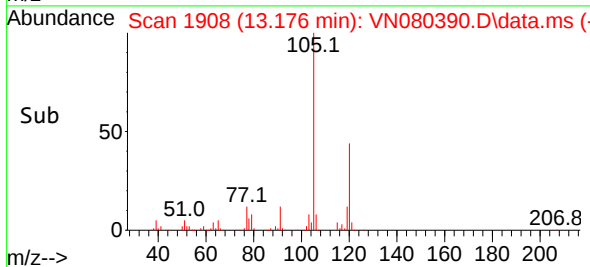
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

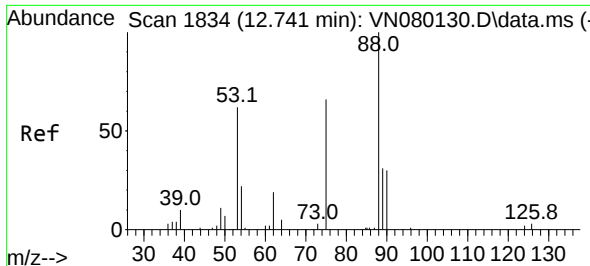


#80
1,3,5-Trimethylbenzene
Concen: 19.653 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



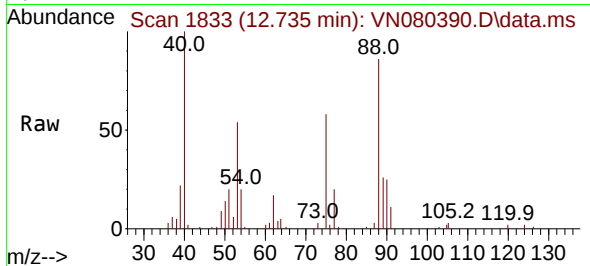
Tgt Ion:105 Resp: 204085
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.415 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

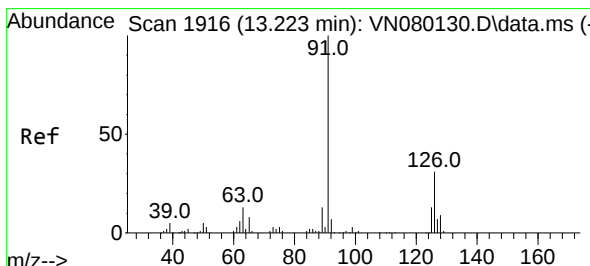
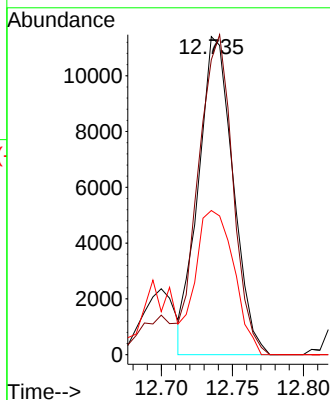
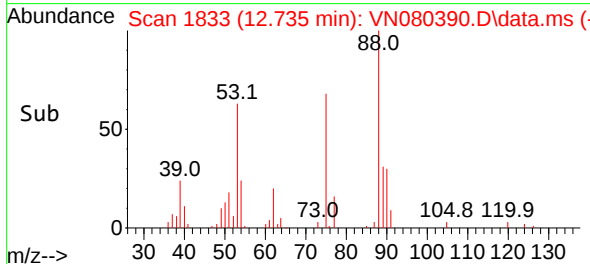
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion: 75 Resp: 1938
Ion Ratio Lower Upper
75 100
53 111.5 67.4 101.2
89 50.4 38.8 58.2

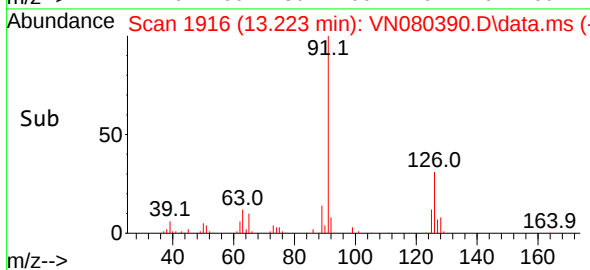
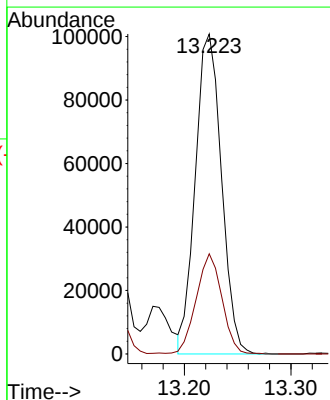
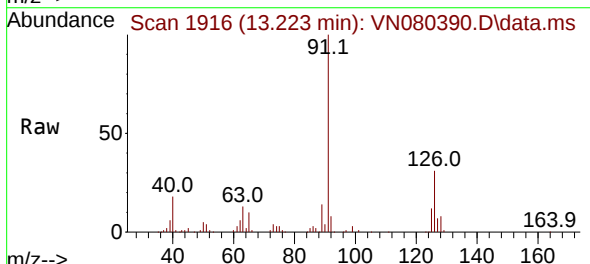
Manual Integrations
APPROVED

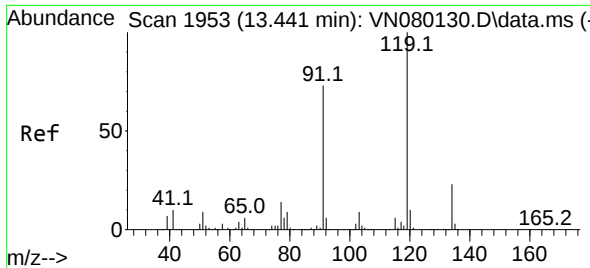
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#82
4-Chlorotoluene
Concen: 19.362 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion: 91 Resp: 171857
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





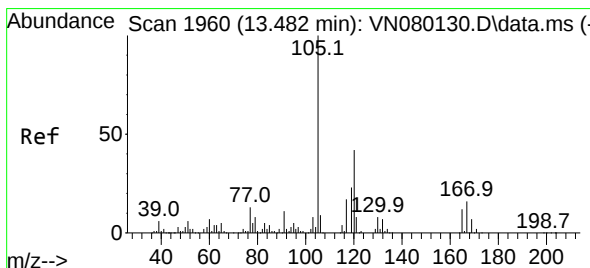
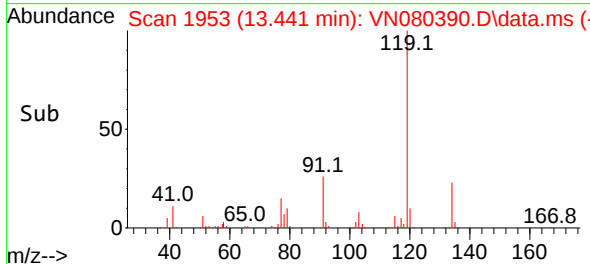
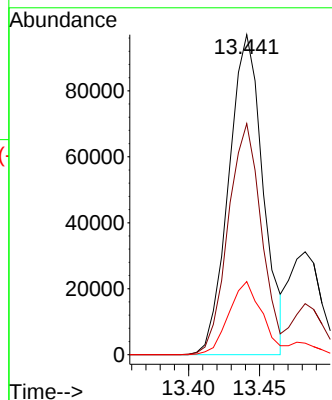
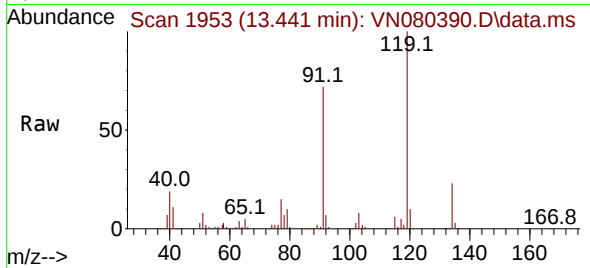
#83
tert-Butylbenzene
Concen: 19.641 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01

Tgt Ion:119 Resp: 163558
Ion Ratio Lower Upper
119 100
91 69.8 33.9 101.7
134 22.6 13.2 39.6

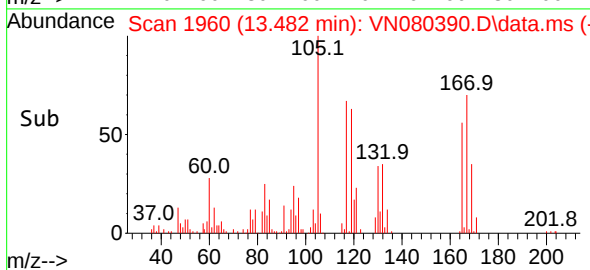
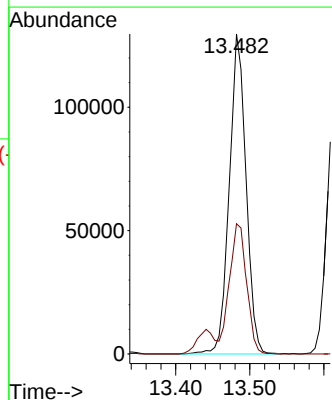
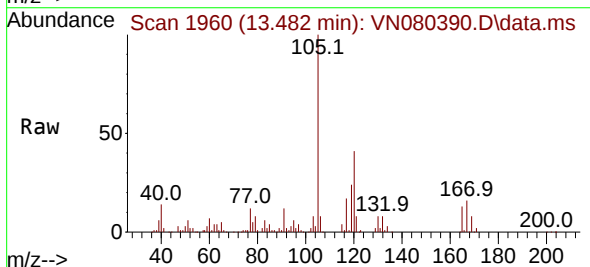
Manual Integrations
APPROVED

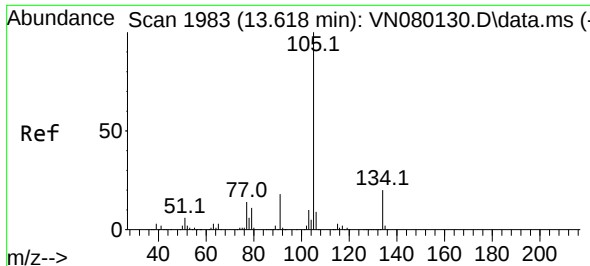
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.844 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion:105 Resp: 202908
Ion Ratio Lower Upper
105 100
120 41.7 22.0 66.0





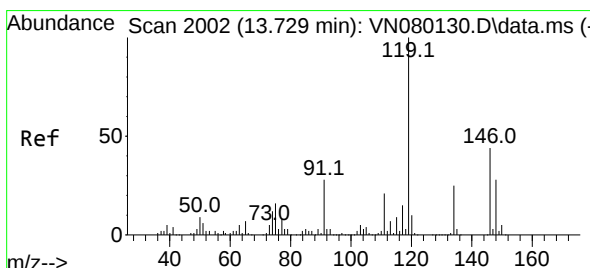
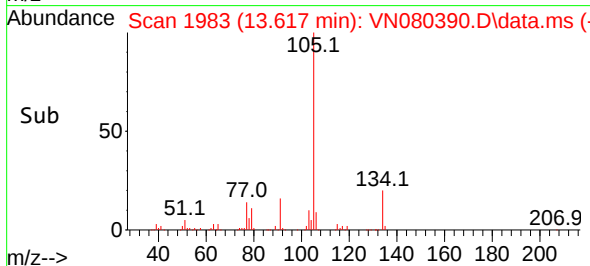
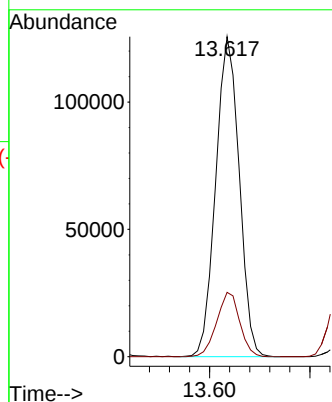
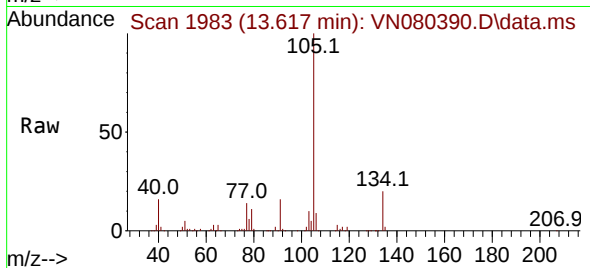
#85
 sec-Butylbenzene
 Concen: 19.396 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080390.D
 Acq: 06 Dec 2023 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206MBS01

Tgt Ion:105 Resp: 20432
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

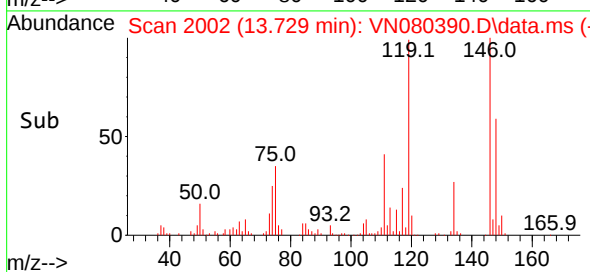
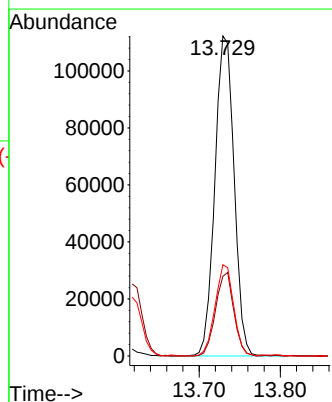
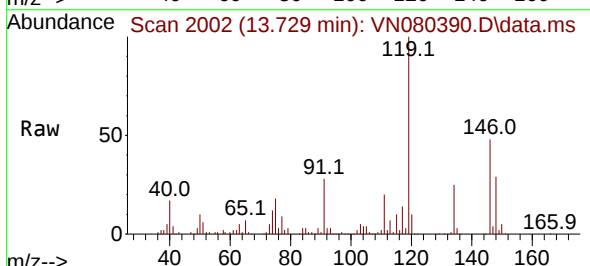
Manual Integrations
 APPROVED

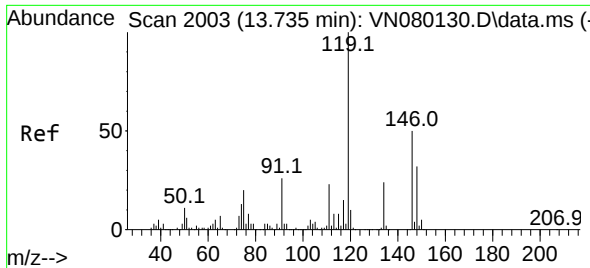
Reviewed By :John Carlone 12/08/2023
 Supervised By :Mahesh Dadoda 12/08/2023



#86
 p-Isopropyltoluene
 Concen: 19.645 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080390.D
 Acq: 06 Dec 2023 16:46

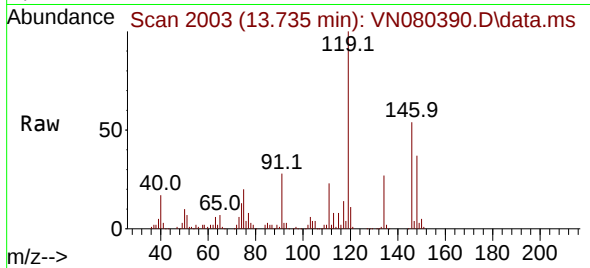
Tgt Ion:119 Resp: 184874
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 27.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.566 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

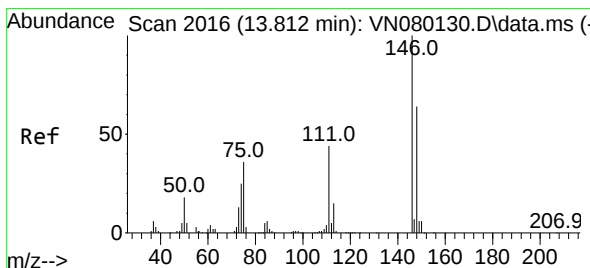
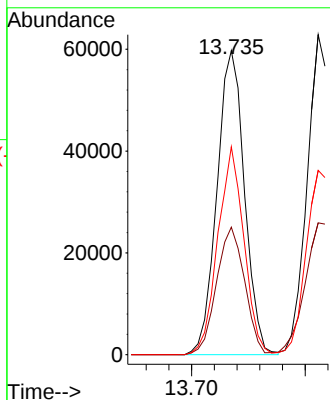
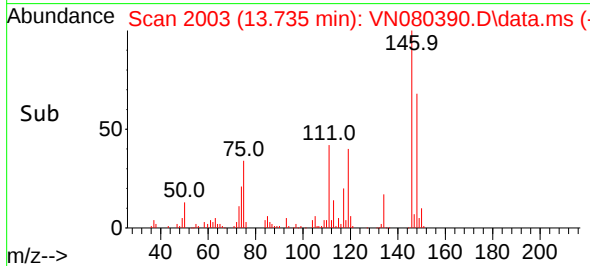
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



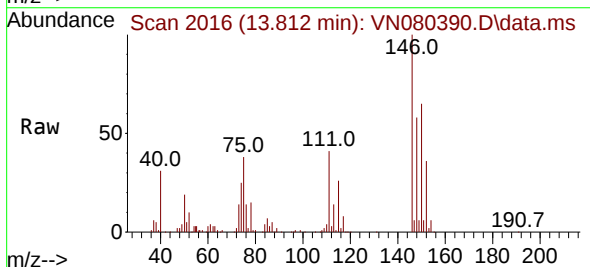
Tgt Ion:146 Resp: 100604
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.3
148 64.8 32.0 96.0

Manual Integrations
APPROVED

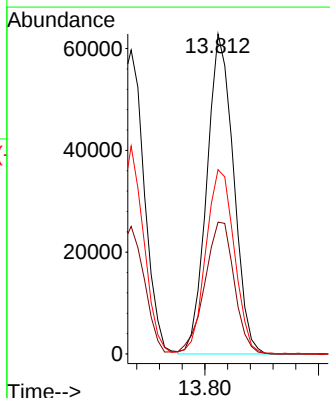
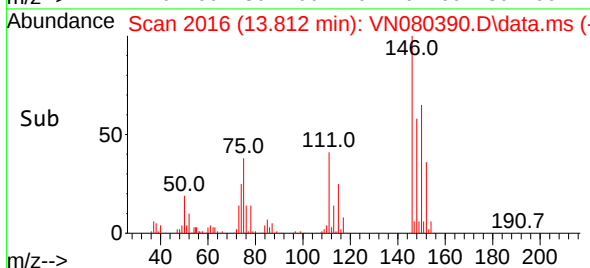
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023

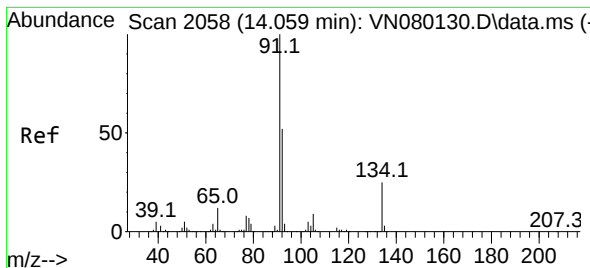


#88
1,4-Dichlorobenzene
Concen: 18.881 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46



Tgt Ion:146 Resp: 102816
Ion Ratio Lower Upper
146 100
111 45.5 20.6 61.8
148 61.6 31.6 94.8





#89

n-Butylbenzene

Concen: 18.063 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

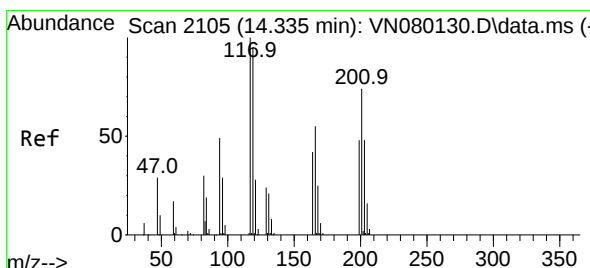
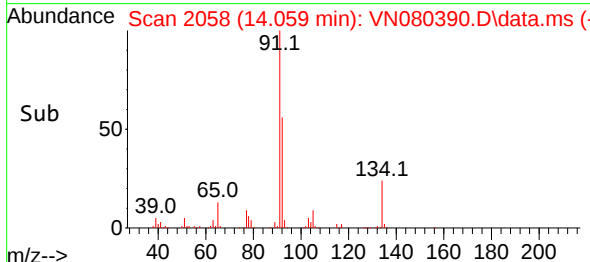
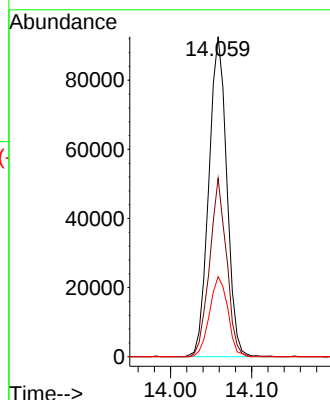
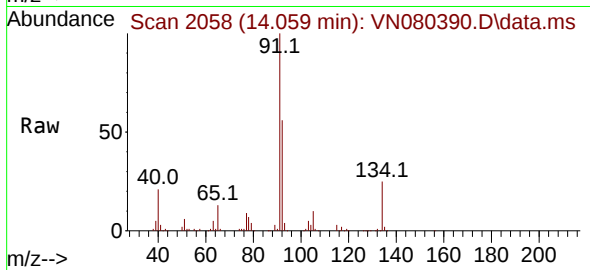
Tgt Ion: 91	Resp: 14227
Ion Ratio	Lower Upper
91	100
92	52.6 26.4 79.0
134	25.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#90

Hexachloroethane

Concen: 18.104 ug/l

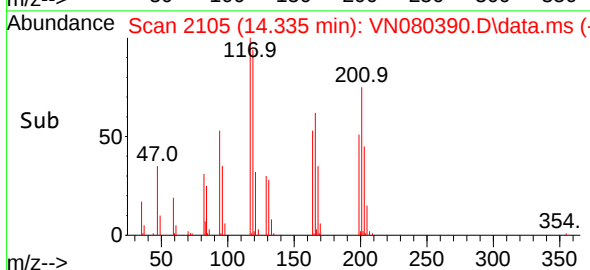
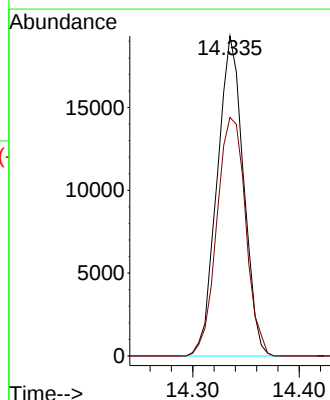
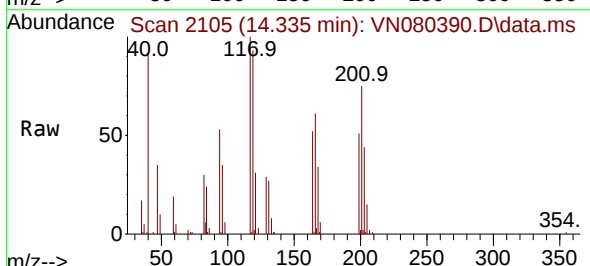
RT: 14.335 min Scan# 2105

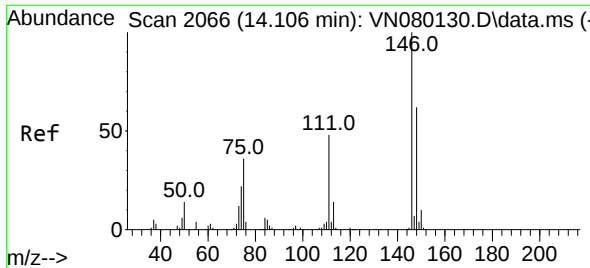
Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Tgt Ion: 117	Resp: 33214
Ion Ratio	Lower Upper
117	100
201	81.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.691 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

VN1206MBS01

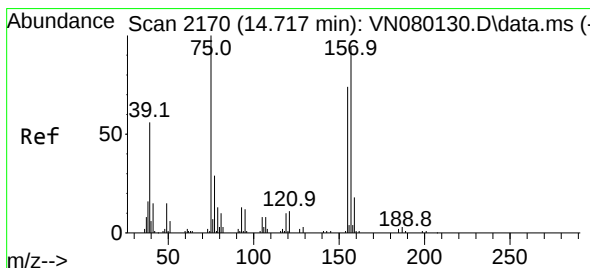
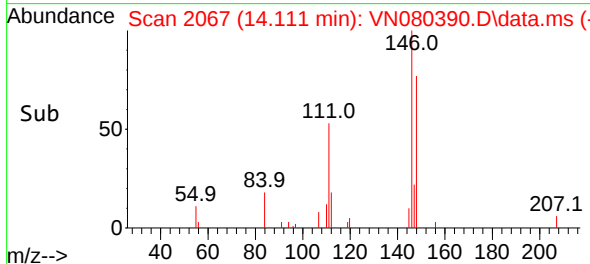
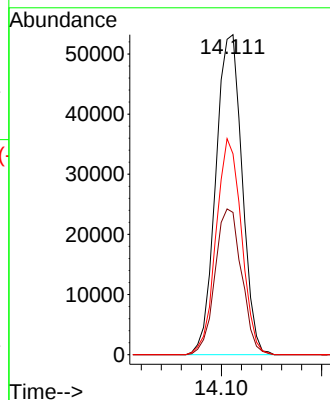
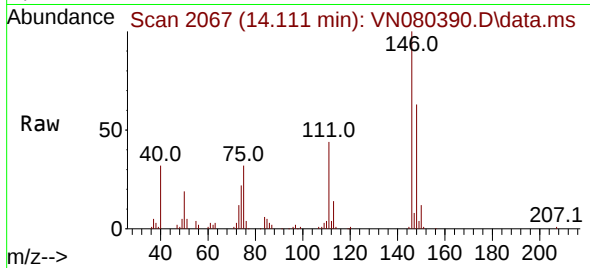
Tgt Ion:	146	Resp:	9692
Ion Ratio	Lower	Upper	
146	100		
111	46.0	22.0	66.0
148	65.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2023

Supervised By :Mahesh Dadoda 12/08/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.300 ug/l

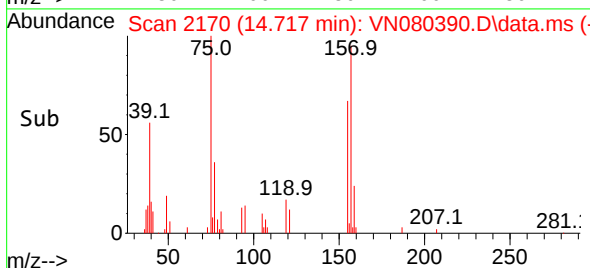
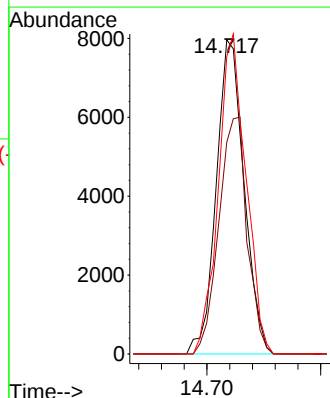
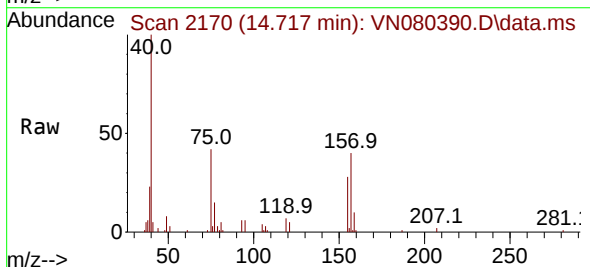
RT: 14.717 min Scan# 2170

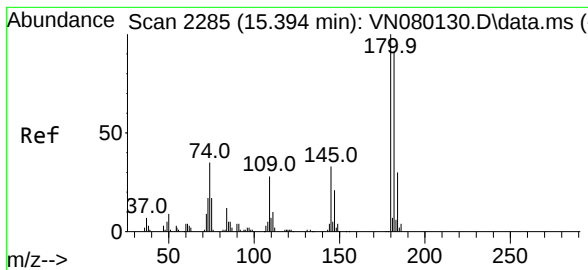
Delta R.T. -0.000 min

Lab File: VN080390.D

Acq: 06 Dec 2023 16:46

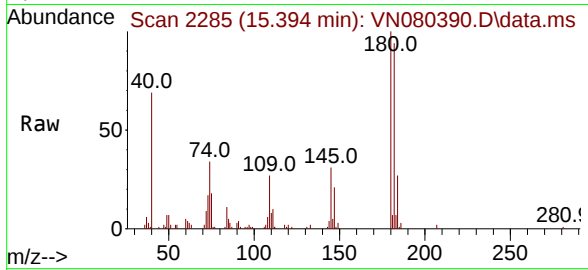
Tgt Ion:	75	Resp:	13518
Ion Ratio	Lower	Upper	
75	100		
155	76.8	39.1	117.2
157	101.3	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.209 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

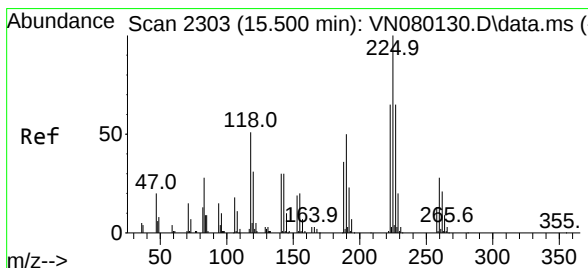
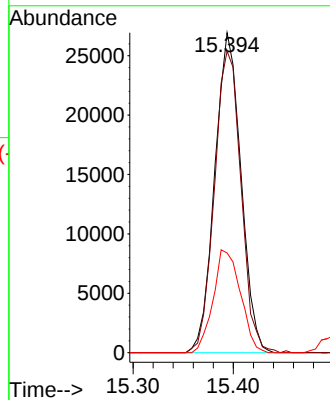
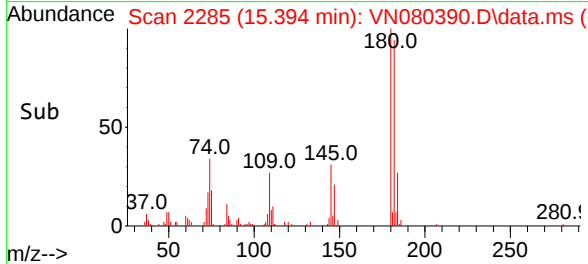
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion:180 Resp: 48884
Ion Ratio Lower Upper
180 100
182 95.4 46.1 138.2
145 33.4 16.6 49.8

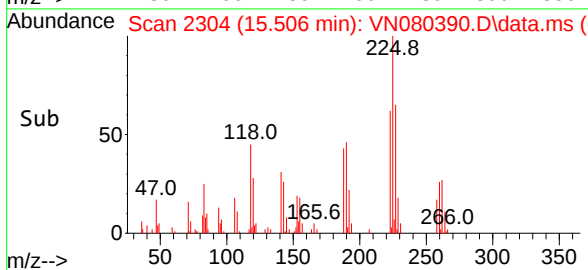
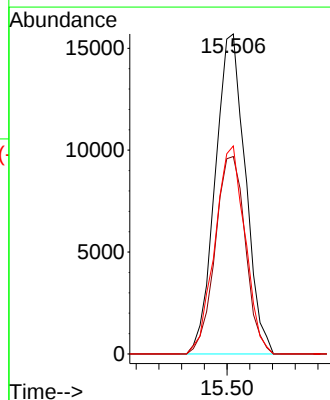
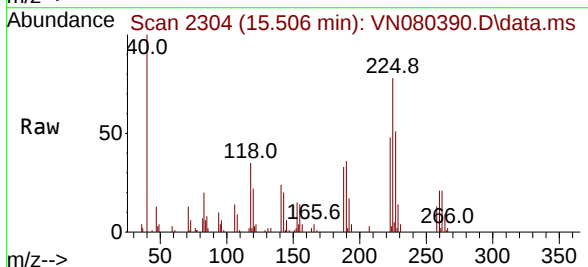
Manual Integrations
APPROVED

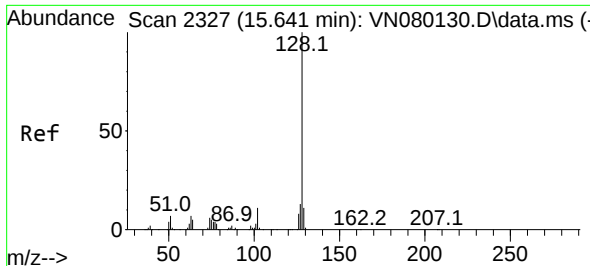
Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#94
Hexachlorobutadiene
Concen: 16.691 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

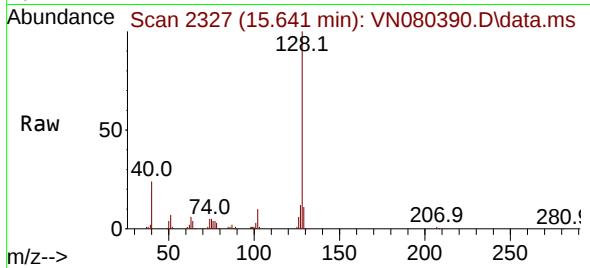
Tgt Ion:225 Resp: 28968
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.8
227 64.8 31.9 95.9





#95
Naphthalene
Concen: 17.701 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

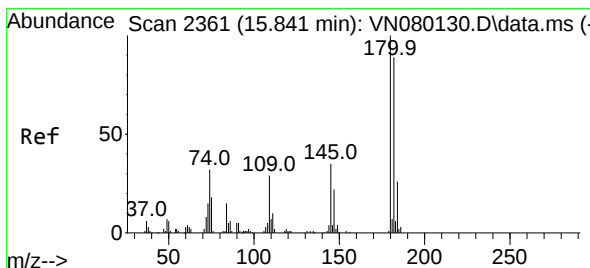
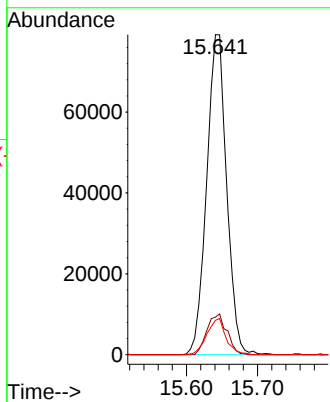
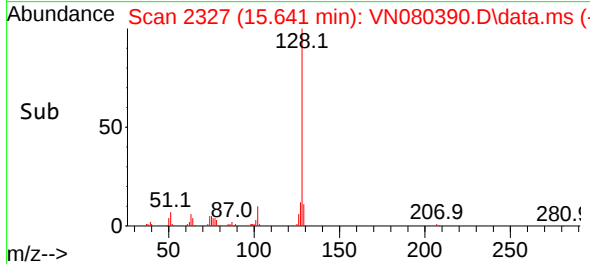
Instrument :
MSVOA_N
ClientSampleId :
VN1206MBS01



Tgt Ion:128 Resp: 154800
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2023
Supervised By :Mahesh Dadoda 12/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.895 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080390.D
Acq: 06 Dec 2023 16:46

Tgt Ion:180 Resp: 44932
Ion Ratio Lower Upper
180 100
182 96.8 46.2 138.6
145 37.7 17.5 52.6

